

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078507.D
 Acq On : 21 Feb 2024 18:59
 Operator : RP/MD
 Sample : P1538-08MSD
 Misc : 5.07G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06M

Quant Time: Feb 22 00:08:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	57686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	102973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	78772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41957	67.268	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.540%			
35) Dibromofluoromethane	7.810	113	41894	64.048	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 128.100%			
50) Toluene-d8	10.269	98	135680	51.854	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.575	95	27972	36.736	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 73.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	41479	72.978	ug/l	97
3) Chloromethane	2.152	50	80757	77.314	ug/l	96
4) Vinyl Chloride	2.281	62	115057	72.187	ug/l	99
5) Bromomethane	2.687	94	60114	54.640	ug/l	100
6) Chloroethane	2.828	64	86980	74.837	ug/l	96
7) Trichlorofluoromethane	3.169	101	68962	64.139	ug/l	96
8) Diethyl Ether	3.593	74	24198	78.136	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.964	101	35586	52.464	ug/l	97
10) Methyl Iodide	4.164	142	23240	38.254	ug/l	91
11) Tert butyl alcohol	5.064	59	14381	429.462	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	39114	62.199	ug/l	85
13) Acrolein	3.793	56	361	6.265	ug/l #	60
14) Allyl chloride	4.564	41	46749	60.176	ug/l	94
15) Acrylonitrile	5.258	53	55581	419.245	ug/l	99
16) Acetone	4.022	43	58288	534.261	ug/l	87
17) Carbon Disulfide	4.275	76	85629	40.467	ug/l #	95
18) Methyl Acetate	4.569	43	68787	138.382	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	112188	83.968	ug/l	97
20) Methylene Chloride	4.805	84	60658	88.211	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	43578	58.906	ug/l	91
22) Diisopropyl ether	6.222	45	125165	73.099	ug/l	93
23) Vinyl Acetate	6.163	43	70864	92.127	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	86841	71.593	ug/l	96
25) 2-Butanone	7.087	43	68788	447.703	ug/l	94
26) 2,2-Dichloropropane	7.081	77	63413	62.362	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	53967	66.490	ug/l	95
28) Bromochloromethane	7.428	49	34891	72.624	ug/l	85
29) Tetrahydrofuran	7.452	42	40629	438.010	ug/l	93
30) Chloroform	7.599	83	93876	73.148	ug/l	90
31) Cyclohexane	7.881	56	33860	32.092	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	71672	65.502	ug/l	98
36) 1,1-Dichloropropene	8.010	75	52991	52.149	ug/l	98
37) Ethyl Acetate	7.175	43	25612	71.903	ug/l #	92
38) Carbon Tetrachloride	7.993	117	31418	31.221	ug/l	92
39) Methylcyclohexane	9.269	83	25544	21.175	ug/l	94
40) Benzene	8.252	78	192395	65.505	ug/l	98

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Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	14259	76.918	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	57301	75.399	ug/l	95
43) Isopropyl Acetate	8.363	43	50422	76.444	ug/l	92
44) Trichloroethene	9.028	130	45836	61.172	ug/l	98
45) 1,2-Dichloropropane	9.304	63	50296	69.795	ug/l	98
46) Dibromomethane	9.393	93	31873	78.635	ug/l	87
47) Bromodichloromethane	9.581	83	67549	67.284	ug/l	97
48) Methyl methacrylate	9.381	41	30565	87.344	ug/l	83
49) 1,4-Dioxane	9.381	88	7843	1786.738	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	147147	420.324	ug/l	95
52) Toluene	10.334	92	108119	58.211	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	45461	49.627	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	50156	45.153	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	44196	80.967	ug/l	96
56) Ethyl methacrylate	10.599	69	30899	61.206	ug/l	92
57) 1,3-Dichloropropane	10.881	76	68826	74.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	122080	410.532	ug/l	96
59) 2-Hexanone	10.922	43	103248	392.444	ug/l	94
60) Dibromochloromethane	11.075	129	45191	68.809	ug/l	96
61) 1,2-Dibromoethane	11.181	107	37824	73.810	ug/l	98
64) Tetrachloroethene	10.810	164	38907	78.198	ug/l	93
65) Chlorobenzene	11.610	112	98341	62.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	42482	72.996	ug/l	95
67) Ethyl Benzene	11.681	91	152890	53.883	ug/l	97
68) m/p-Xylenes	11.793	106	119364	107.847	ug/l	93
69) o-Xylene	12.122	106	56139	55.582	ug/l	91
70) Styrene	12.134	104	81121	49.212	ug/l	95
71) Bromoform	12.298	173	23265	75.950	ug/l #	99
73) Isopropylbenzene	12.422	105	106180	70.029	ug/l	96
74) N-amyl acetate	12.234	43	20412	71.161	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	43715	145.345	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	29416m	153.450	ug/l	
77) Bromobenzene	12.698	156	33693	94.554	ug/l	83
78) n-propylbenzene	12.763	91	111054	58.774	ug/l	96
79) 2-Chlorotoluene	12.851	91	71455	70.606	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	75448	59.926	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	5257	56.932	ug/l	93
82) 4-Chlorotoluene	12.945	91	74641	68.672	ug/l	98
83) tert-Butylbenzene	13.163	119	53545	50.428	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	75777	59.304	ug/l	97
85) sec-Butylbenzene	13.345	105	65314	39.664	ug/l	95
86) p-Isopropyltoluene	13.457	119	55722	39.729	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	43046	56.600	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	43215	57.831	ug/l	97
89) n-Butylbenzene	13.787	91	41789	30.912	ug/l	95
90) Hexachloroethane	14.057	117	5761	19.985	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	40519	63.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5304	134.680	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	9796	26.100	ug/l	98
94) Hexachlorobutadiene	15.210	225	3322	16.957	ug/l	95
95) Naphthalene	15.328	128	35323	50.741	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	8621	27.102	ug/l	99

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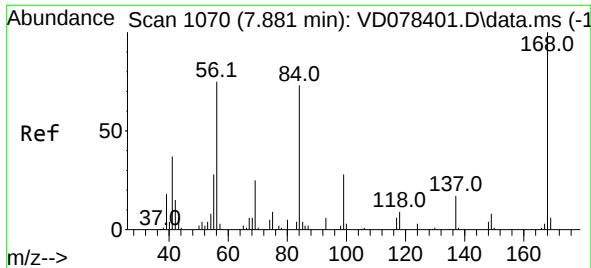
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

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Quant Title : SW846 8260
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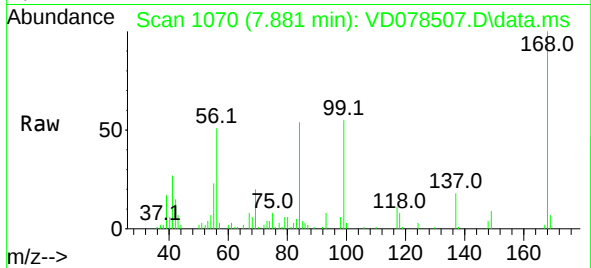
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078507.D
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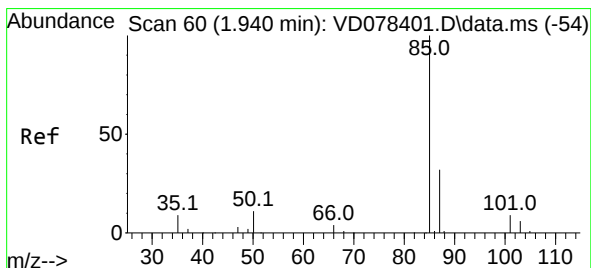
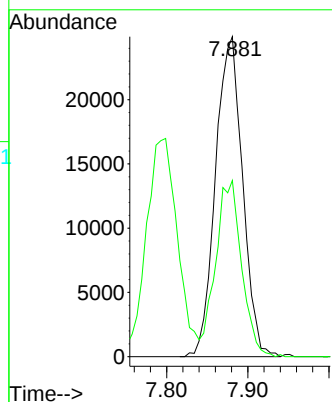
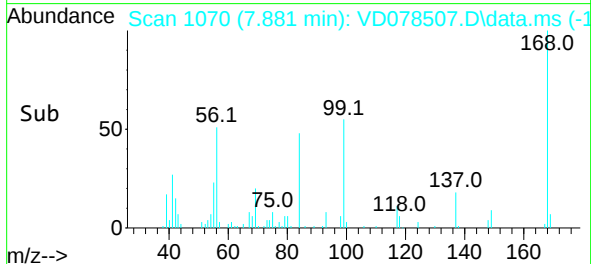
Instrument : MSVOA_D
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Tgt Ion:168 Resp: 57680
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1

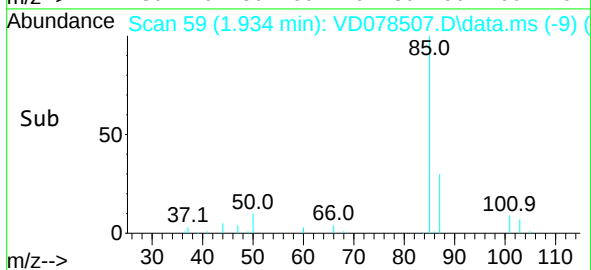
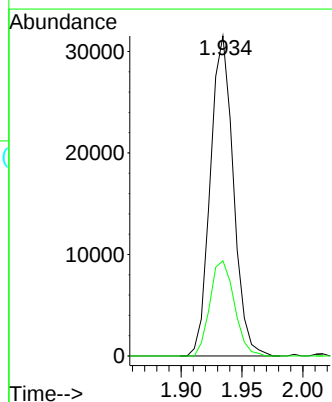
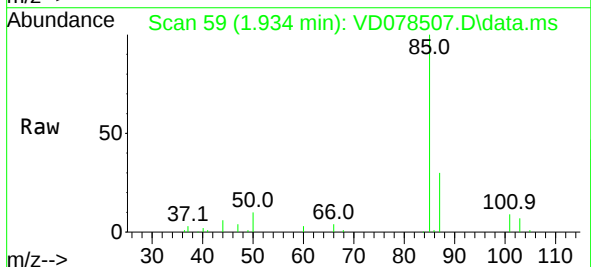
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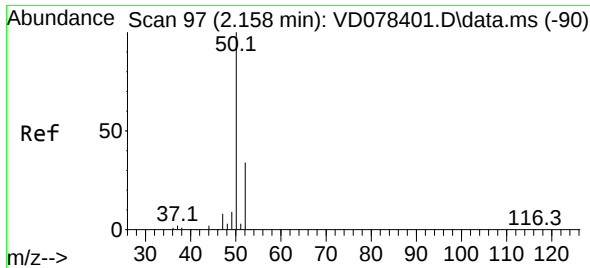
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#2
Dichlorodifluoromethane
Concen: 72.978 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

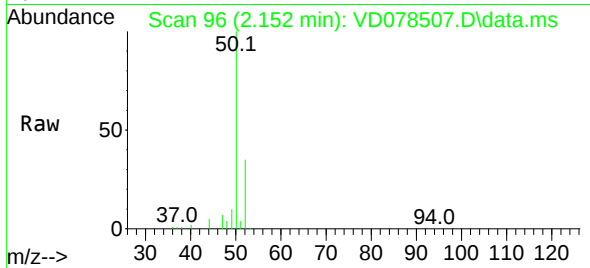
Tgt Ion: 85 Resp: 41479
Ion Ratio Lower Upper
85 100
87 29.8 15.7 47.0





#3
Chloromethane
Concen: 77.314 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

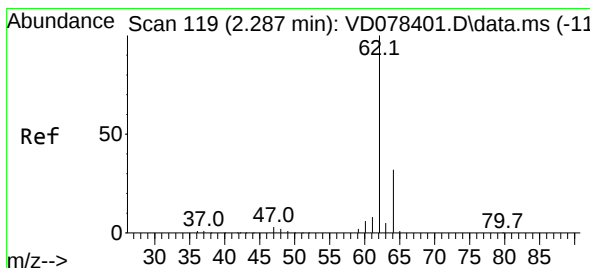
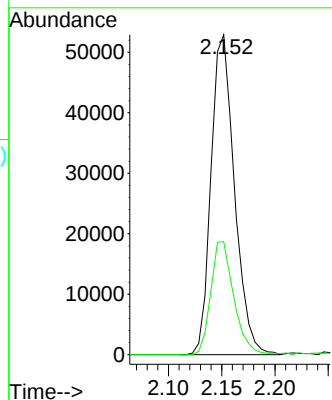
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Tgt Ion: 50 Resp: 8075
Ion Ratio Lower Upper
50 100
52 35.3 26.6 40.0

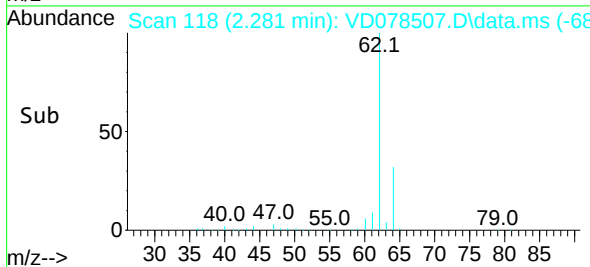
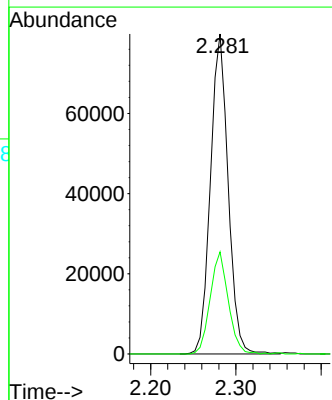
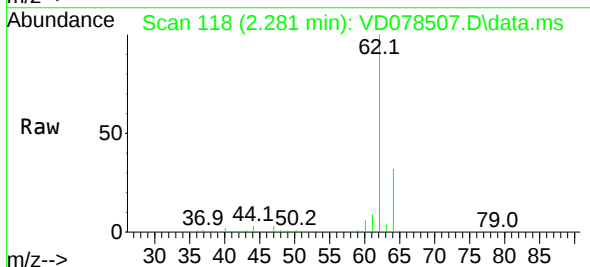
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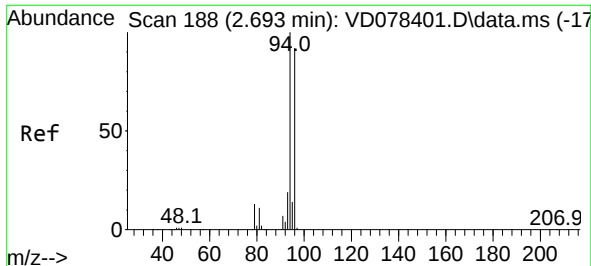
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#4
Vinyl Chloride
Concen: 72.187 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

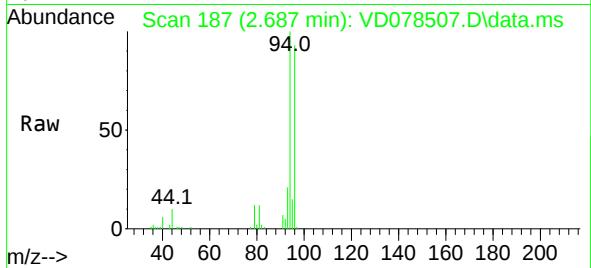
Tgt Ion: 62 Resp: 115057
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5
Bromomethane
Concen: 54.640 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

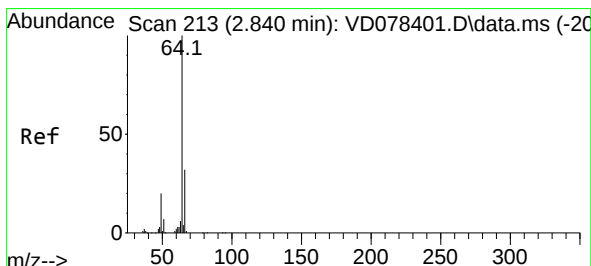
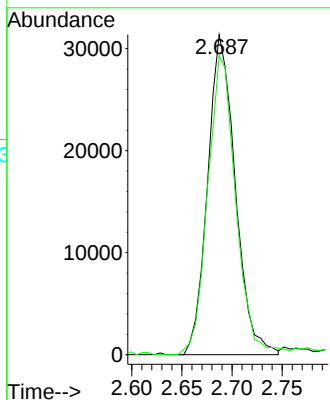
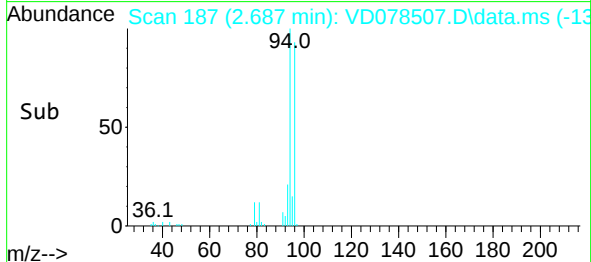
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Tgt Ion: 94 Resp: 60114
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.8

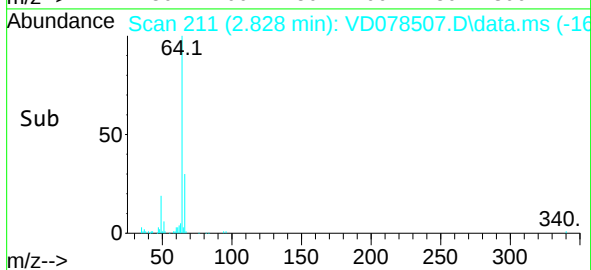
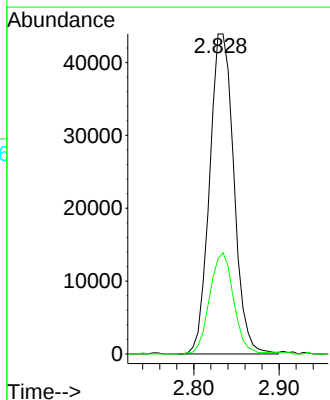
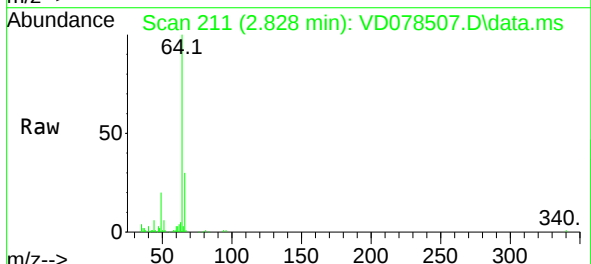
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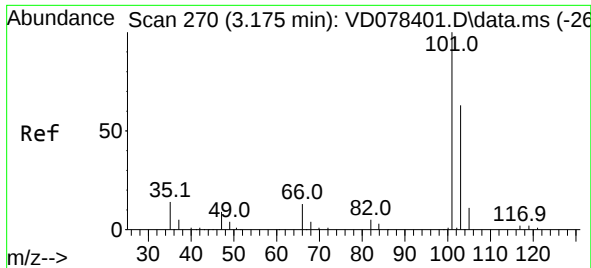
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#6
Chloroethane
Concen: 74.837 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
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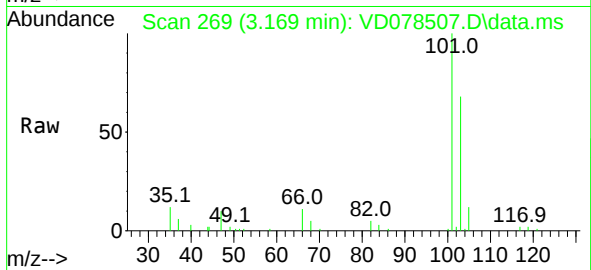
Tgt Ion: 64 Resp: 86980
Ion Ratio Lower Upper
64 100
66 29.7 25.5 38.3





#7
Trichlorofluoromethane
Concen: 64.139 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078507.D
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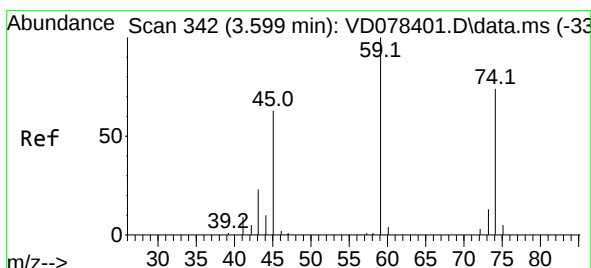
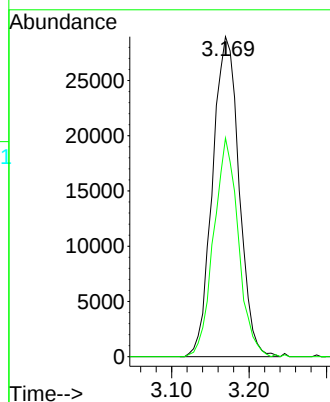
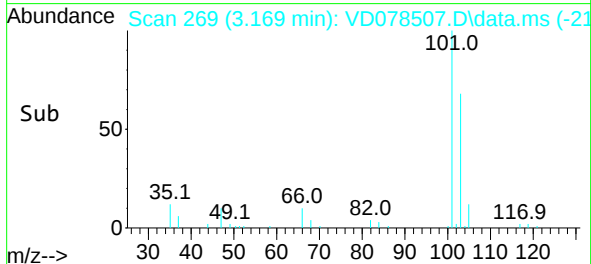
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20241101-COMPOSITE-35N-N-4-06M



Tgt Ion:101 Resp: 68962
Ion Ratio Lower Upper
101 100
103 68.3 52.3 78.5

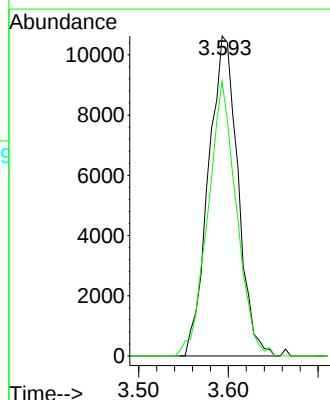
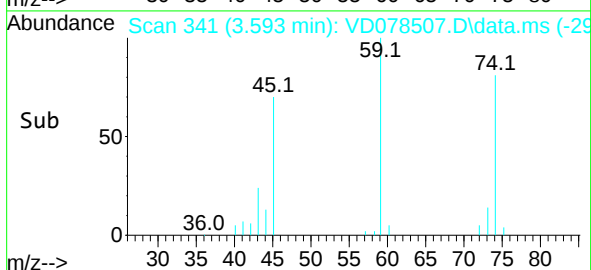
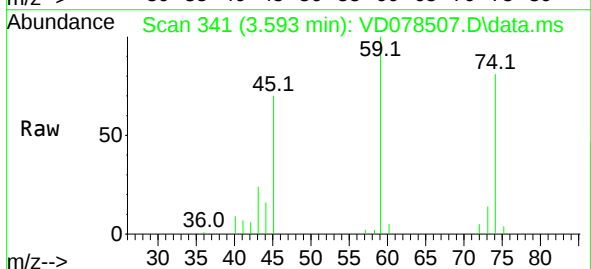
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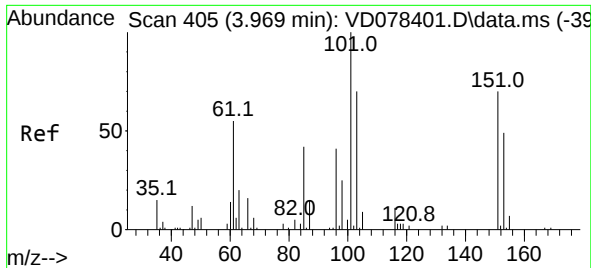
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#8
Diethyl Ether
Concen: 78.136 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 24198
Ion Ratio Lower Upper
74 100
45 83.1 37.5 112.7





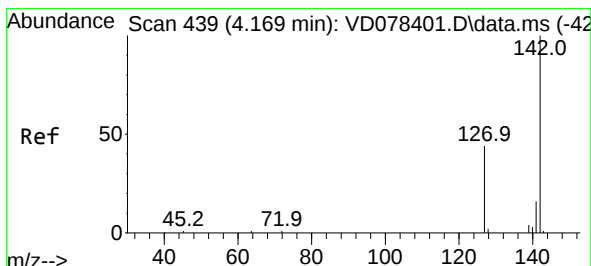
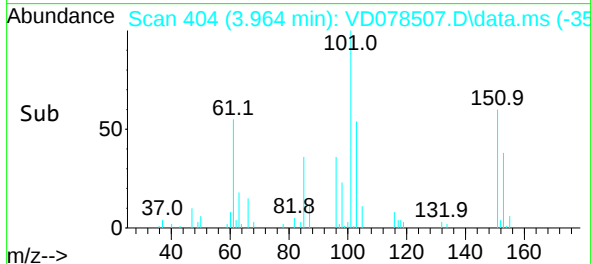
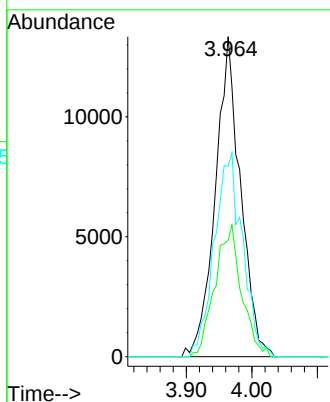
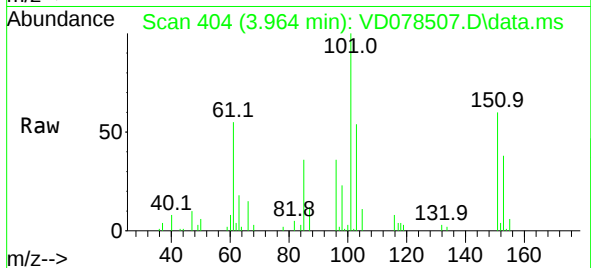
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.464 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion:101 Resp: 35580
Ion Ratio Lower Upper
101 100
85 43.5 33.8 50.6
151 71.2 59.8 89.6

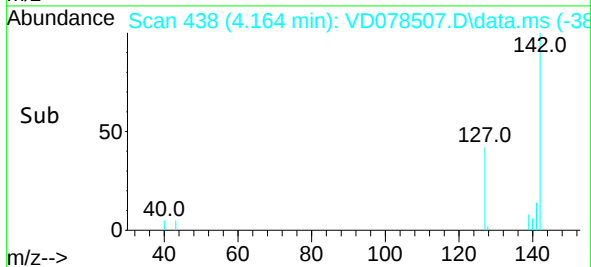
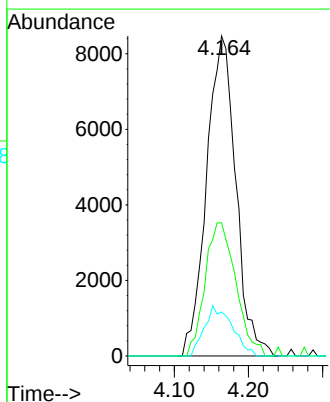
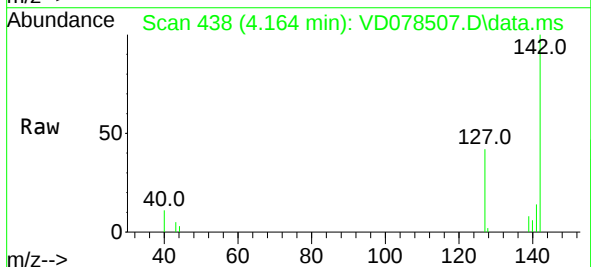
Manual Integrations
APPROVED

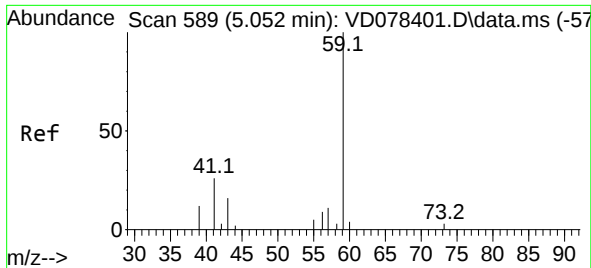
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#10
Methyl Iodide
Concen: 38.254 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion:142 Resp: 23240
Ion Ratio Lower Upper
142 100
127 43.7 29.4 44.0
141 14.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 429.462 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.012 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 59 Resp: 1438

Ion Ratio Lower Upper

59 100

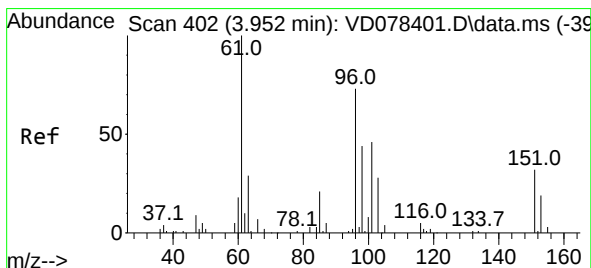
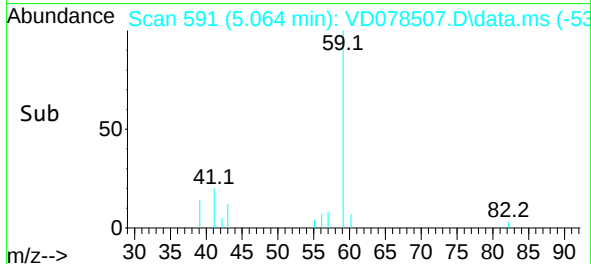
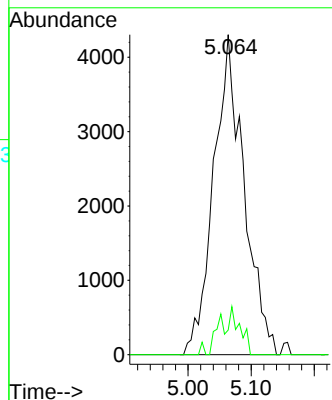
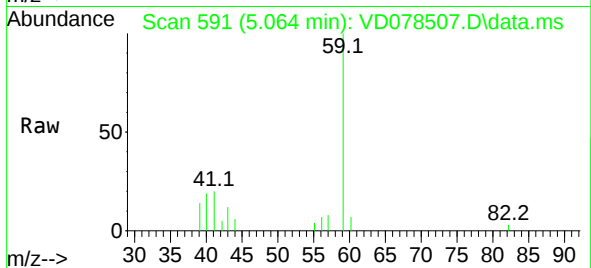
57 5.7 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#12

1,1-Dichloroethene

Concen: 62.199 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.012 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

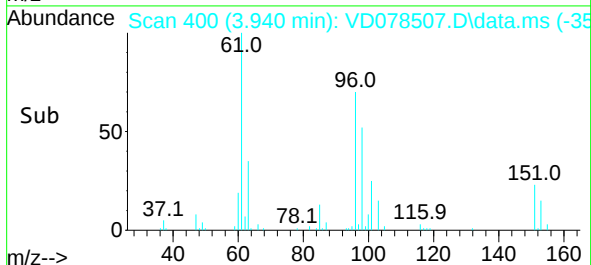
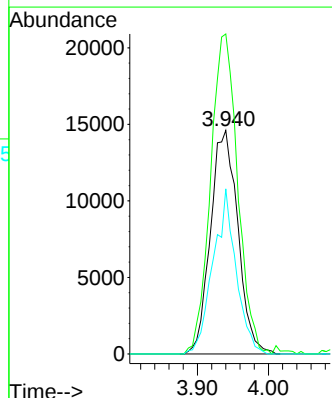
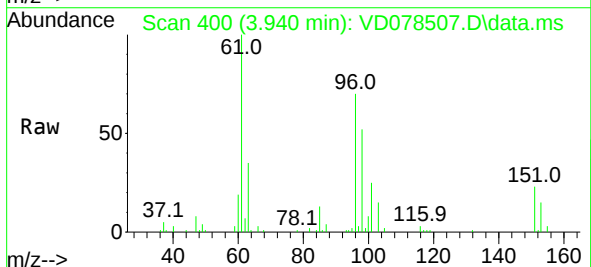
Tgt Ion: 96 Resp: 39114

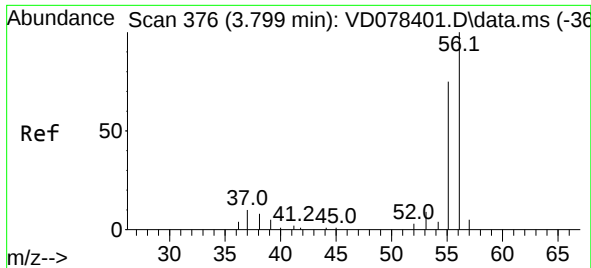
Ion Ratio Lower Upper

96 100

61 143.2 100.6 150.8

98 73.9 50.2 75.2





#13

Acrolein

Concen: 6.265 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

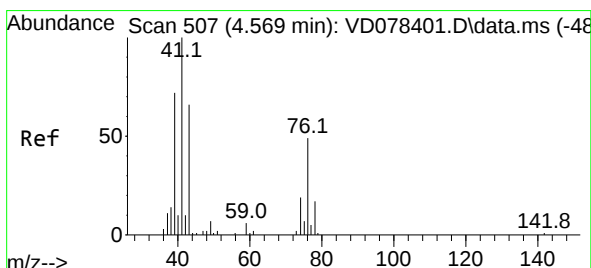
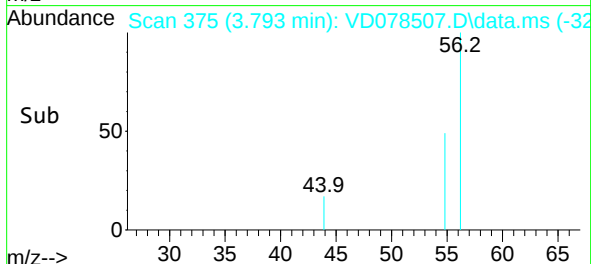
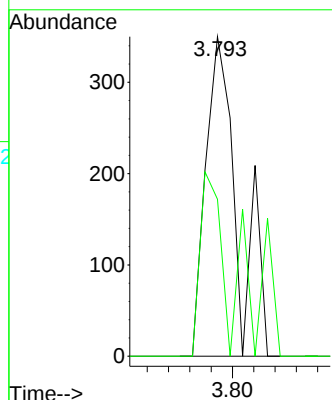
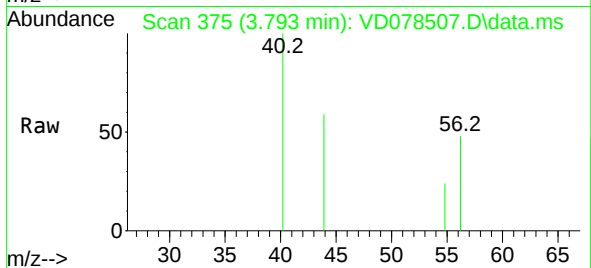
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 56 Resp: 36
 Ion Ratio Lower Upper
 56 100
 55 36.6 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024



#14

Allyl chloride

Concen: 60.176 ug/l

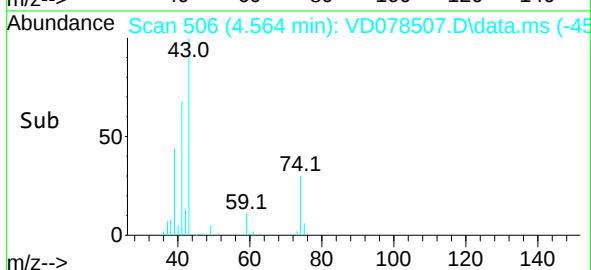
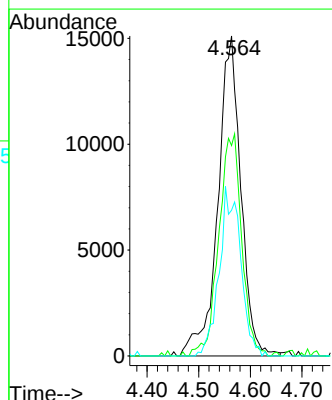
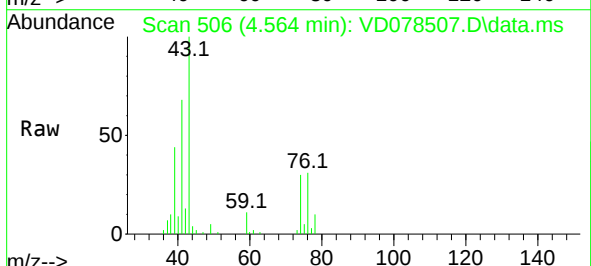
RT: 4.564 min Scan# 506

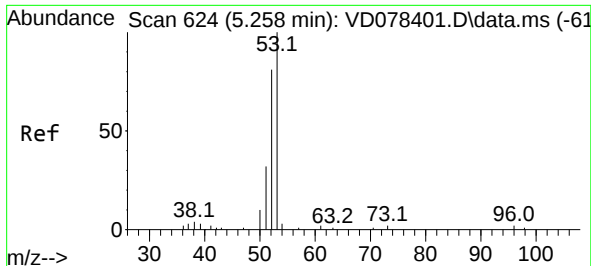
Delta R.T. -0.006 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

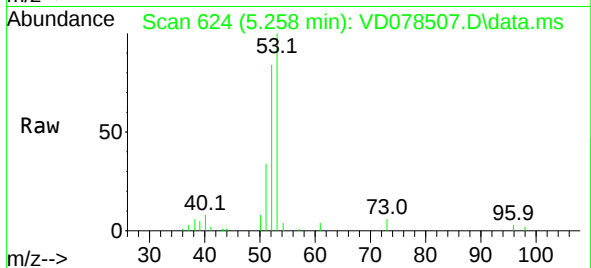
Tgt Ion: 41 Resp: 46749
 Ion Ratio Lower Upper
 41 100
 39 68.9 53.8 80.6
 76 49.1 45.8 68.8





#15
Acrylonitrile
Concen: 419.245 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

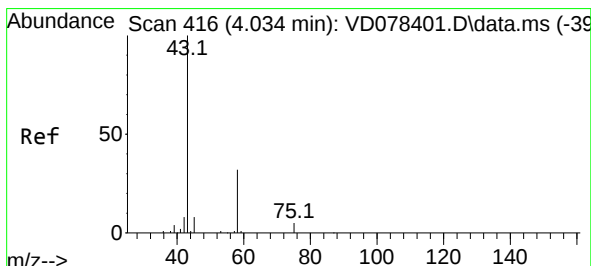
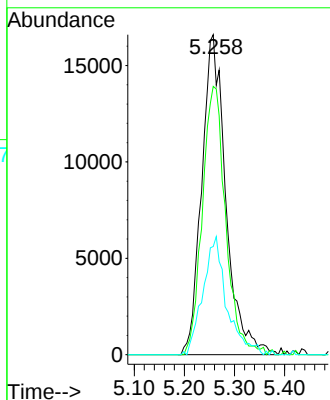
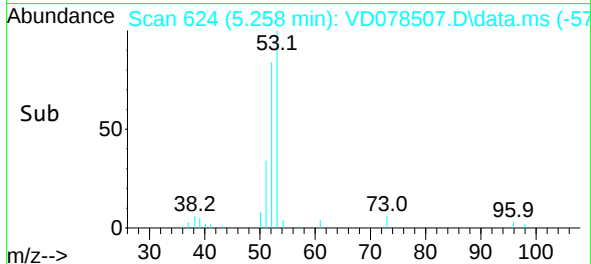
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 53 Resp: 5558
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.4
51 36.3 28.3 42.5

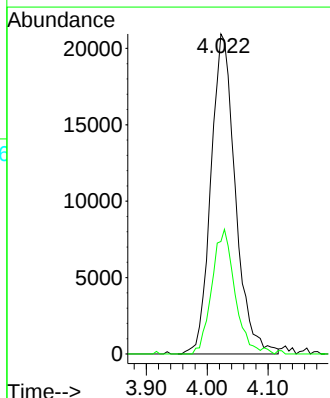
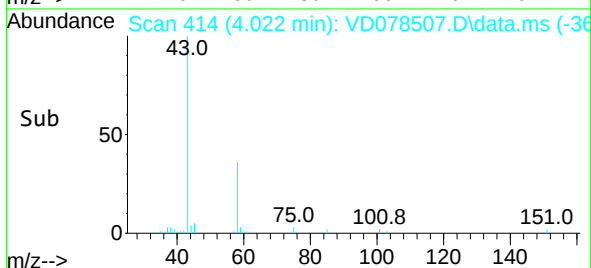
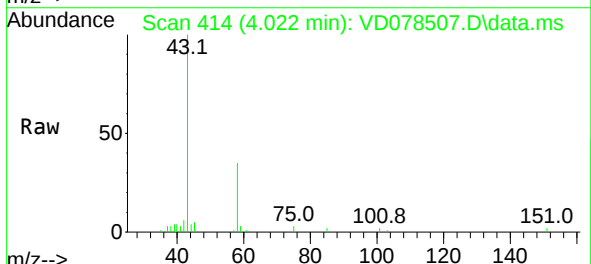
Manual Integrations
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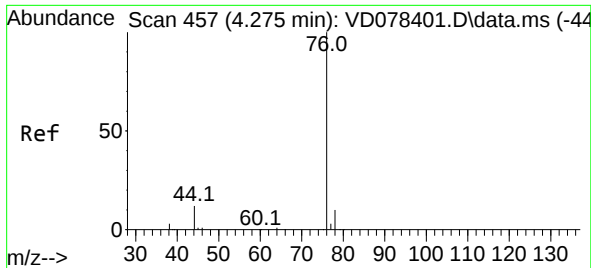
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#16
Acetone
Concen: 534.261 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

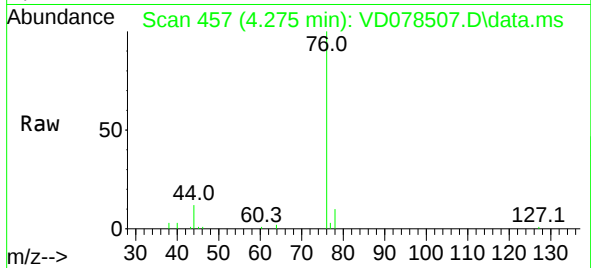
Tgt Ion: 43 Resp: 58288
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1





#17
Carbon Disulfide
Concen: 40.467 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

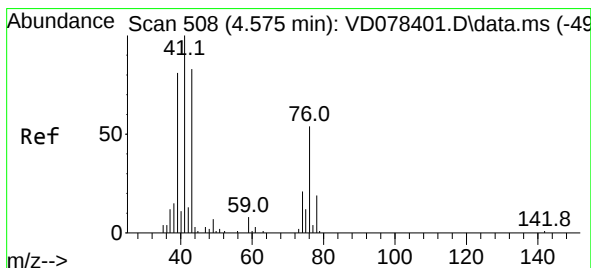
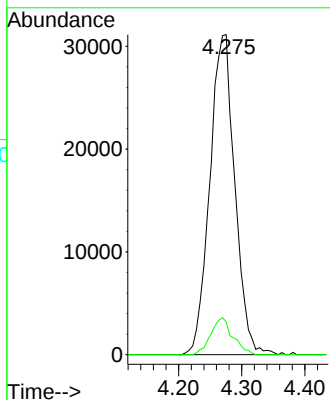
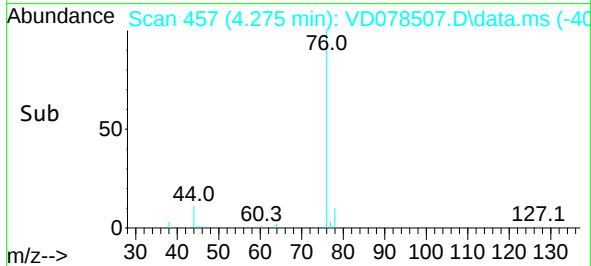
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 76 Resp: 85629
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2

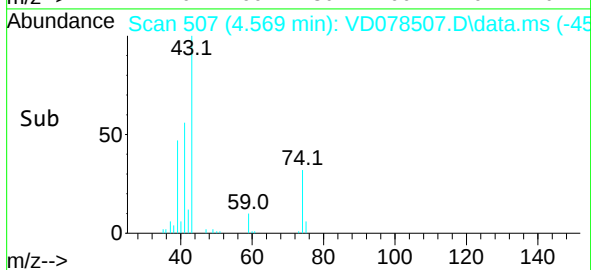
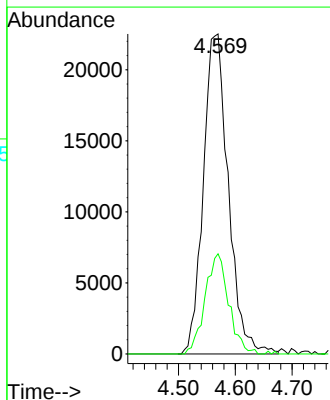
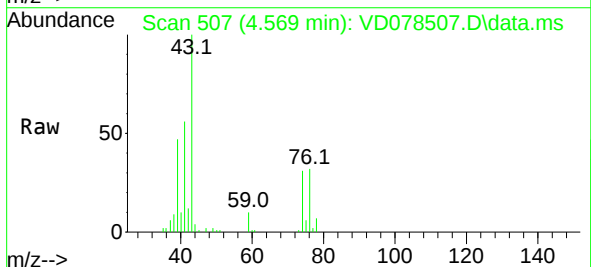
Manual Integrations
APPROVED

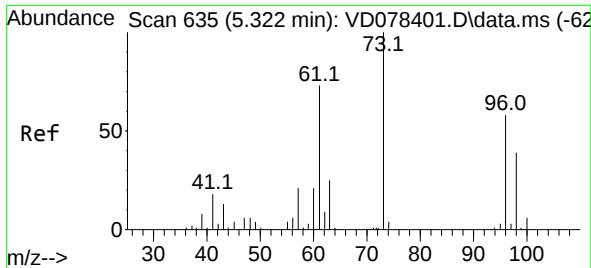
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#18
Methyl Acetate
Concen: 138.382 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion: 43 Resp: 68787
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6





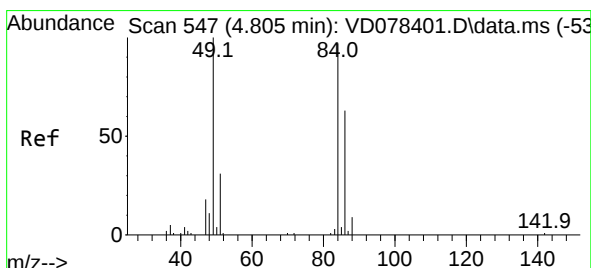
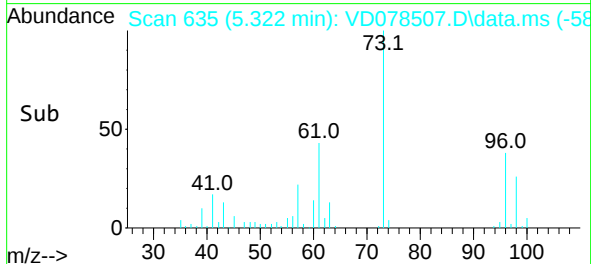
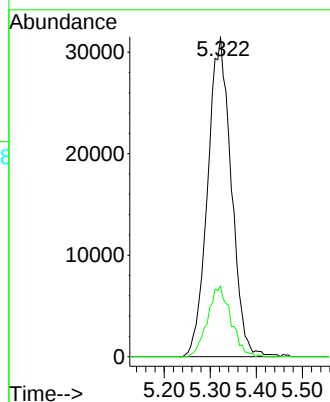
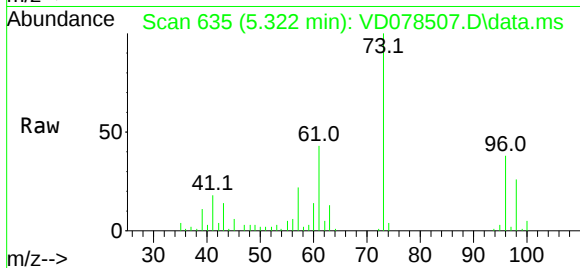
#19
Methyl tert-butyl Ether
Concen: 83.968 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 73 Resp: 11218
Ion Ratio Lower Upper
73 100
57 22.1 16.6 25.0

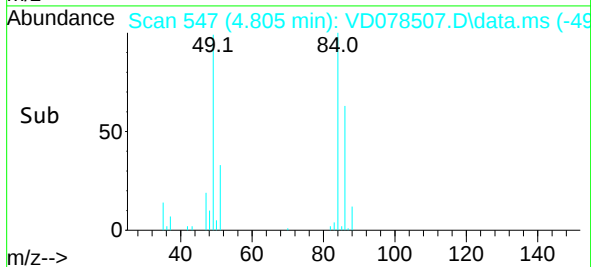
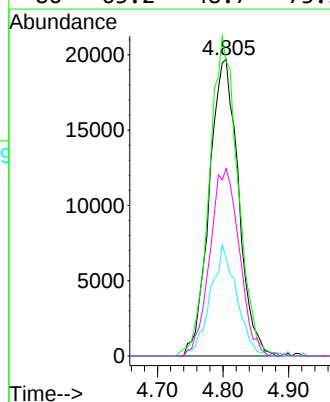
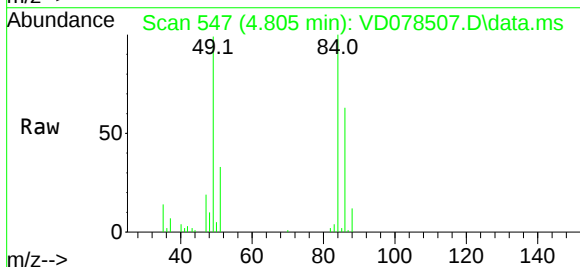
Manual Integrations
APPROVED

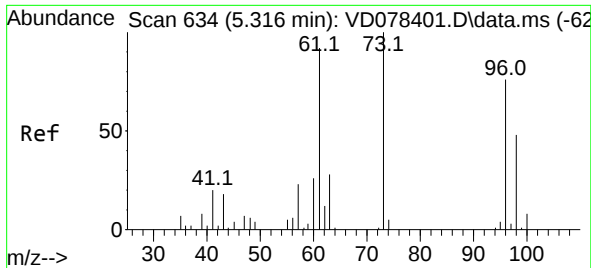
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#20
Methylene Chloride
Concen: 88.211 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

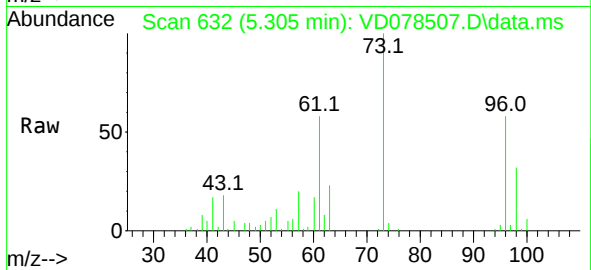
Tgt Ion: 84 Resp: 60658
Ion Ratio Lower Upper
84 100
49 98.5 71.4 107.2
51 33.0 24.5 36.7
86 63.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 58.906 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

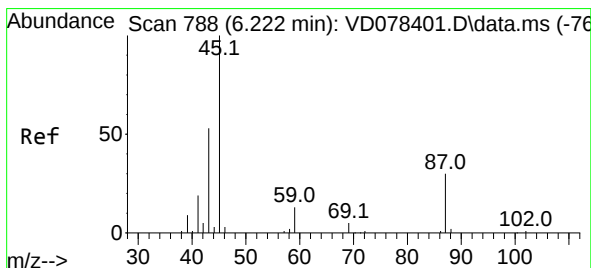
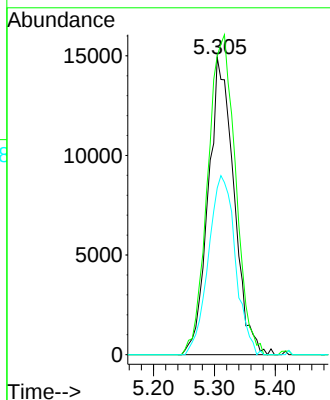
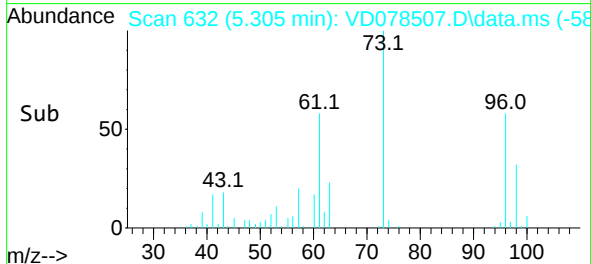
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



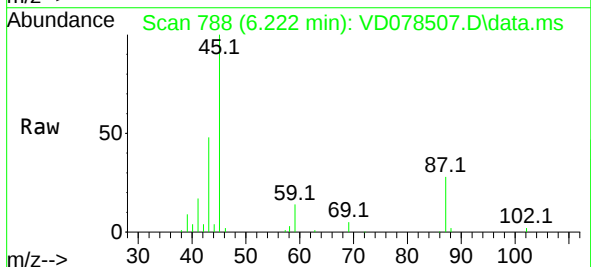
Tgt Ion: 96 Resp: 43578
Ion Ratio Lower Upper
96 100
61 100.5 89.3 133.9
98 56.1 48.6 73.0

Manual Integrations
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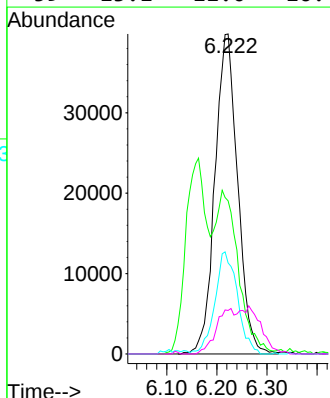
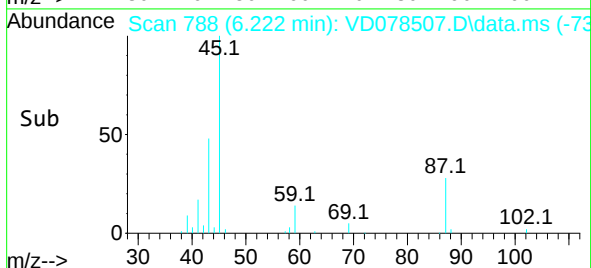
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

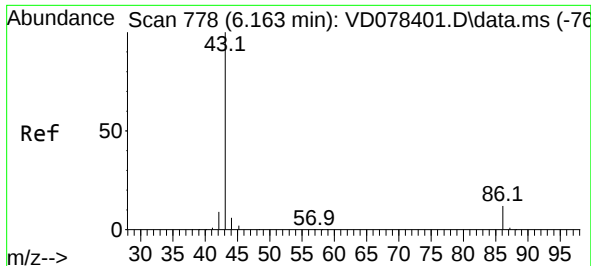


#22
Diisopropyl ether
Concen: 73.099 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59



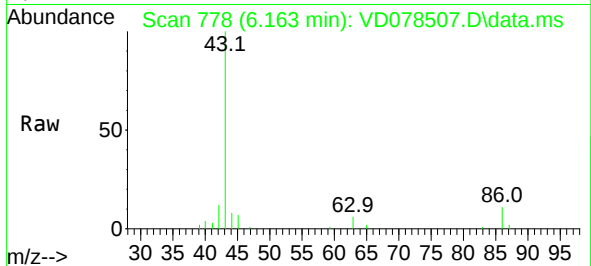
Tgt Ion: 45 Resp: 125165
Ion Ratio Lower Upper
45 100
43 46.7 40.0 60.0
87 28.5 28.2 42.4
59 13.1 11.0 16.4





#23
 Vinyl Acetate
 Concen: 92.127 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078507.D
 Acq: 21 Feb 2024 18:59

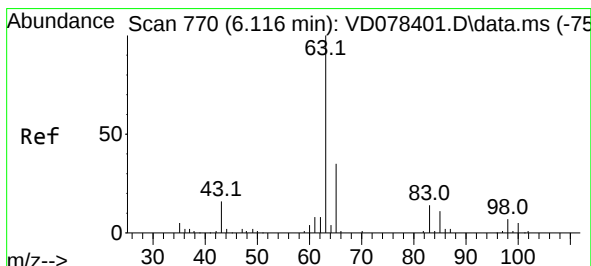
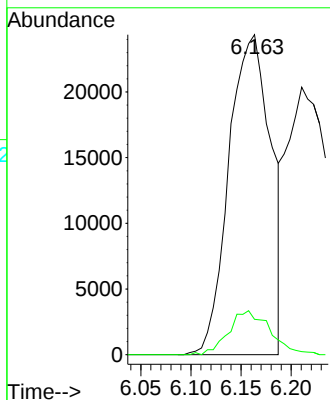
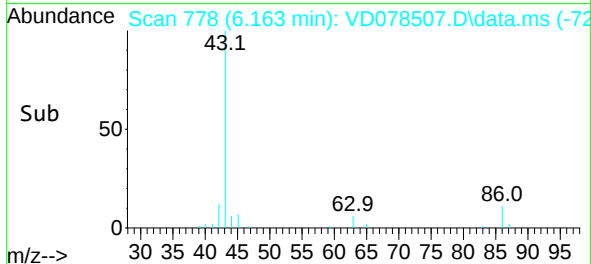
Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06M



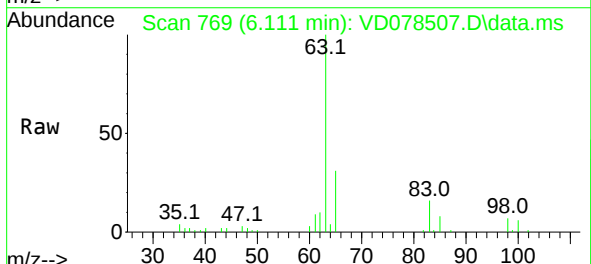
Tgt Ion: 43 Resp: 70864
 Ion Ratio Lower Upper
 43 100
 86 11.0 12.5 18.7

Manual Integrations
 APPROVED

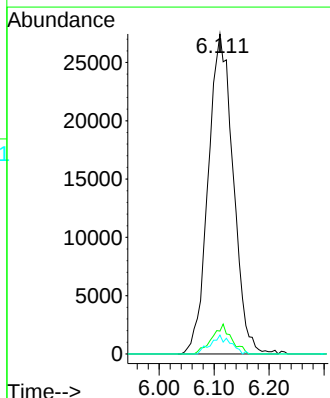
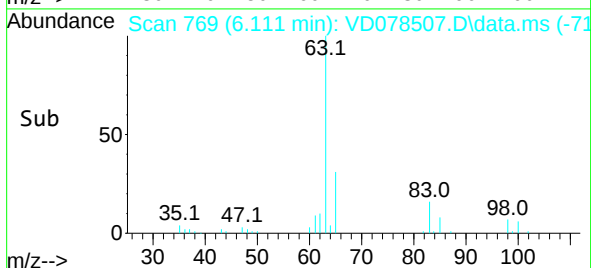
Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

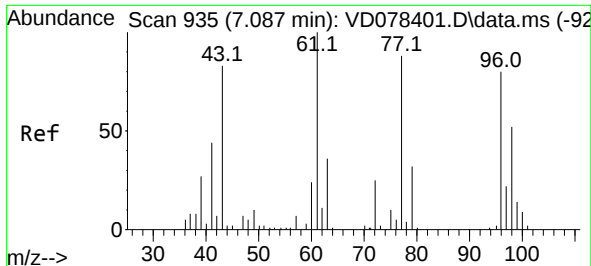


#24
 1,1-Dichloroethane
 Concen: 71.593 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078507.D
 Acq: 21 Feb 2024 18:59



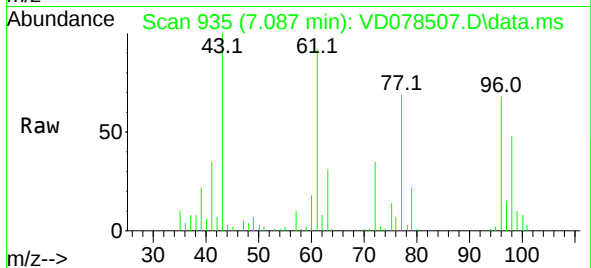
Tgt Ion: 63 Resp: 86841
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 5.9 2.5 7.5





#25
2-Butanone
Concen: 447.703 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

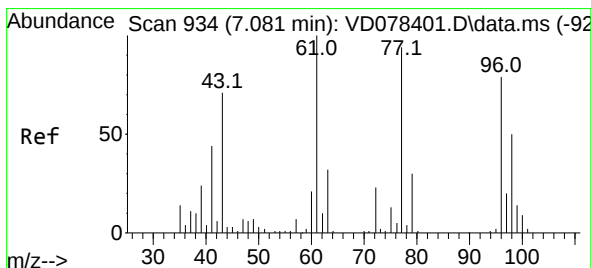
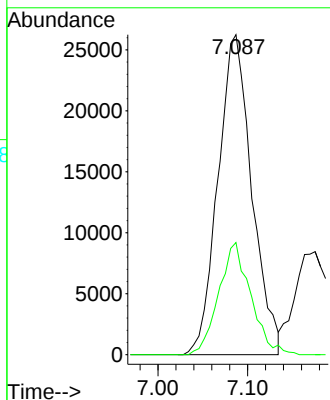
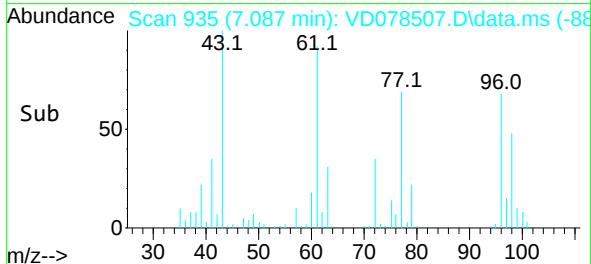
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



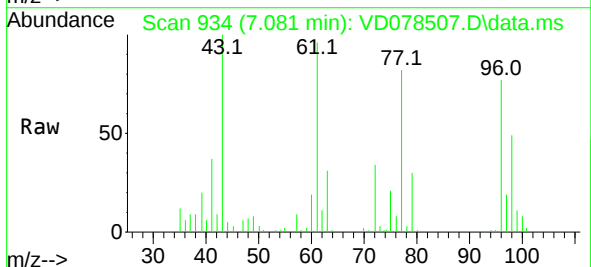
Tgt Ion: 43 Resp: 68788
Ion Ratio Lower Upper
43 100
72 35.1 30.7 46.1

Manual Integrations
APPROVED

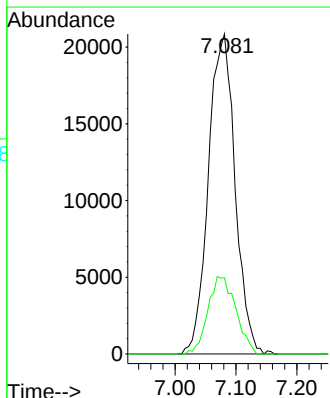
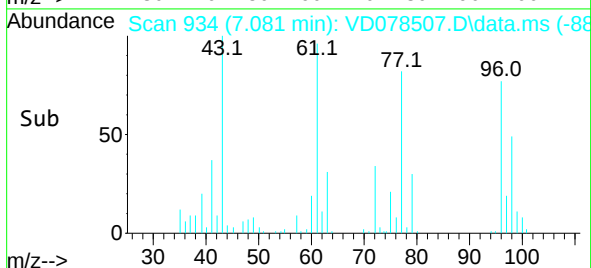
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

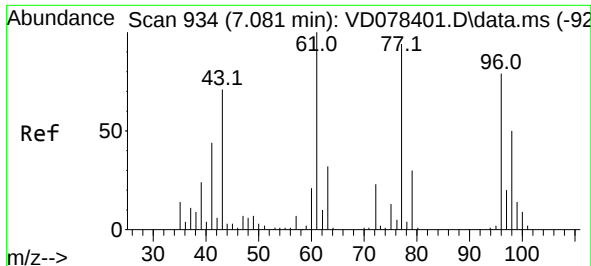


#26
2,2-Dichloropropane
Concen: 62.362 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59



Tgt Ion: 77 Resp: 63413
Ion Ratio Lower Upper
77 100
97 25.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 66.490 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

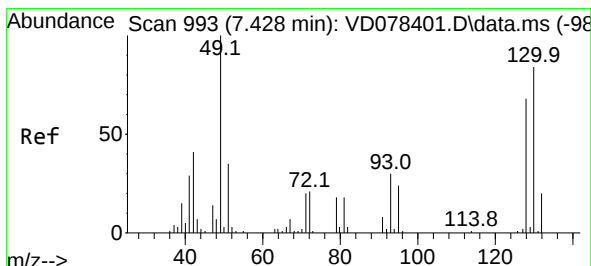
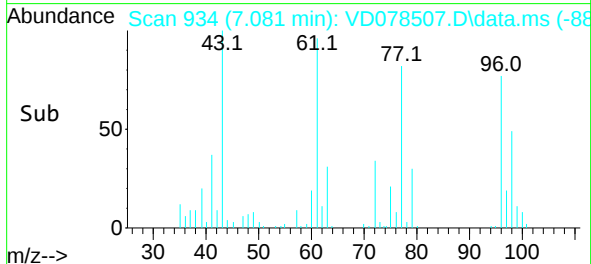
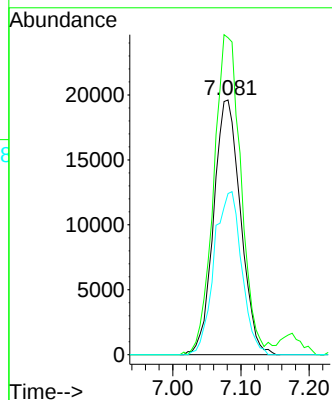
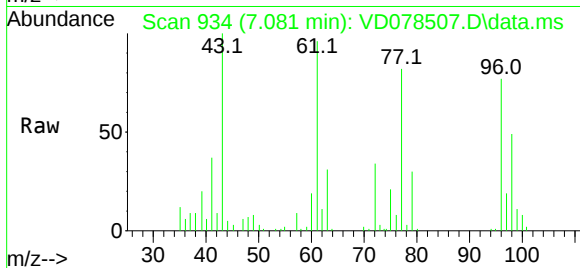
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 96	Resp: 5396
Ion Ratio	Lower Upper
96 100	
61 127.7	0.0 239.2
98 65.5	0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#28

Bromochloromethane

Concen: 72.624 ug/l

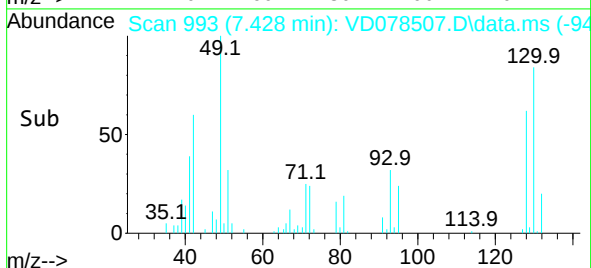
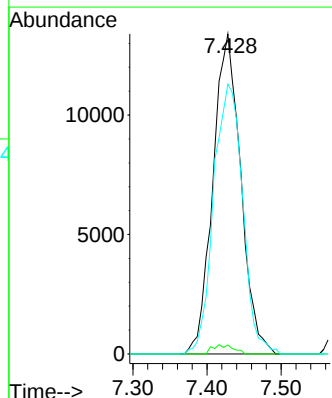
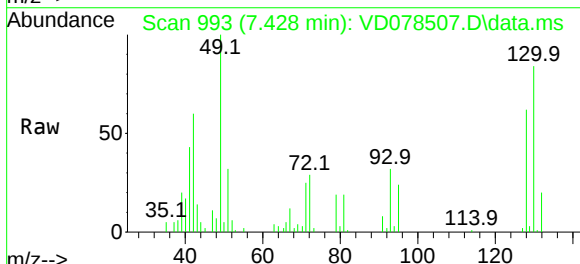
RT: 7.428 min Scan# 993

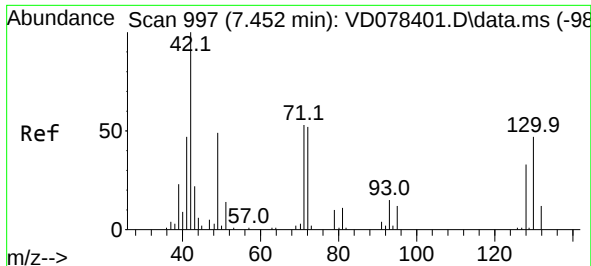
Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Tgt Ion: 49	Resp: 34891
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 6.0
130 88.3	83.2 124.8





#29

Tetrahydrofuran

Concen: 438.010 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06M

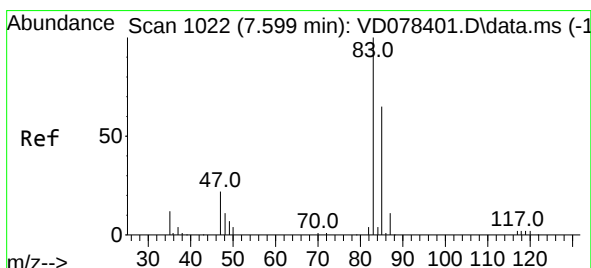
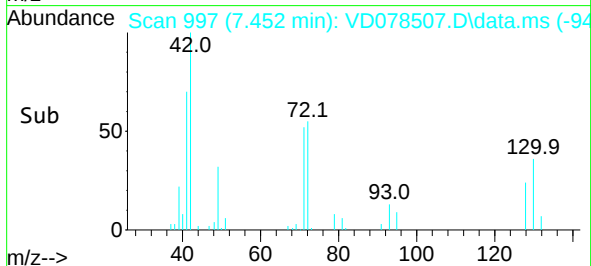
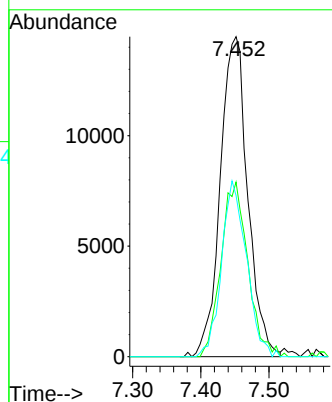
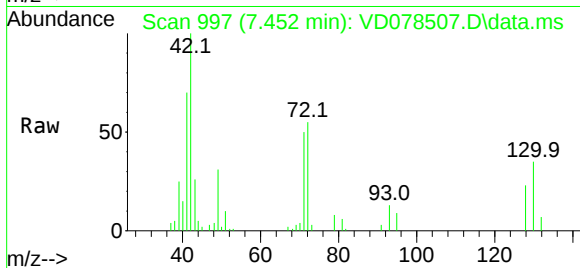
Tgt Ion: 42 Resp: 40629

Ion	Ratio	Lower	Upper
42	100		
72	53.4	46.5	69.7
71	50.0	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#30

Chloroform

Concen: 73.148 ug/l

RT: 7.599 min Scan# 1022

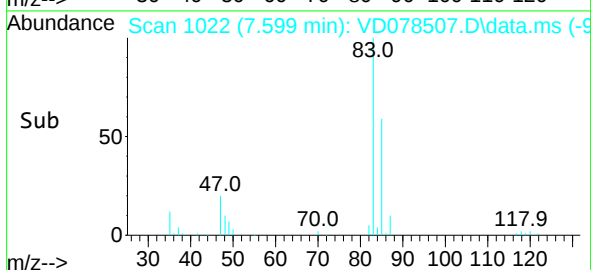
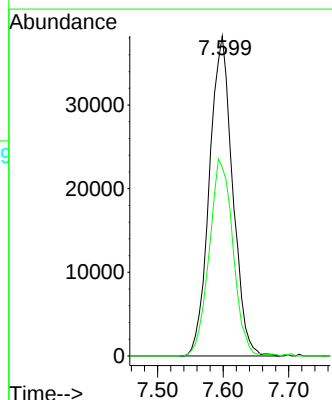
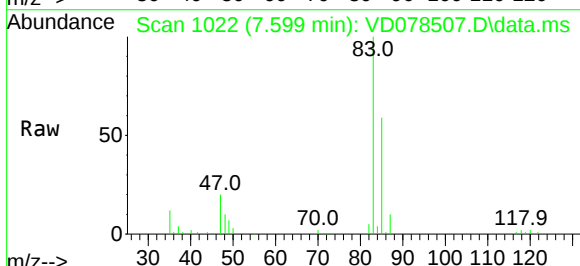
Delta R.T. 0.000 min

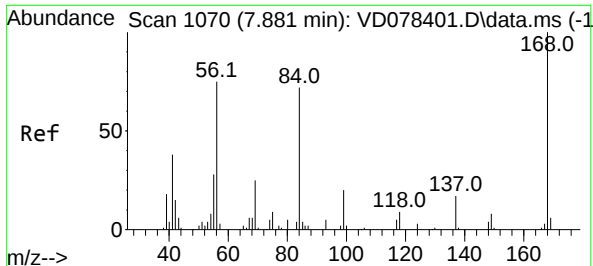
Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Tgt Ion: 83 Resp: 93876

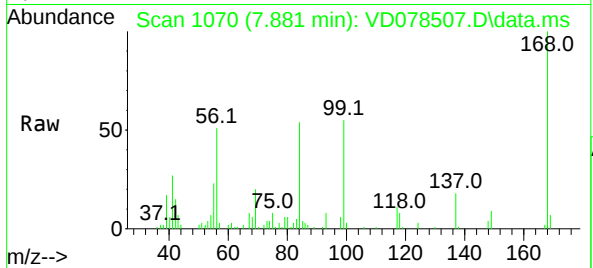
Ion	Ratio	Lower	Upper
83	100		
85	59.0	53.4	80.2





#31
Cyclohexane
Concen: 32.092 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

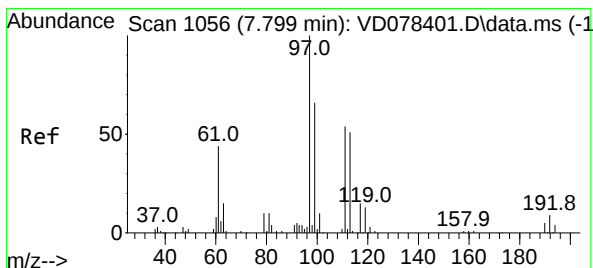
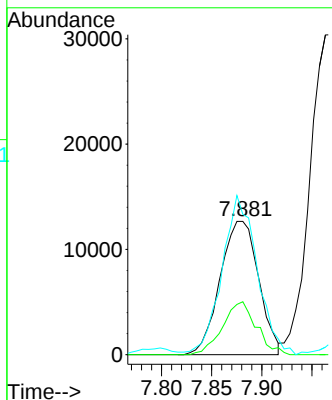
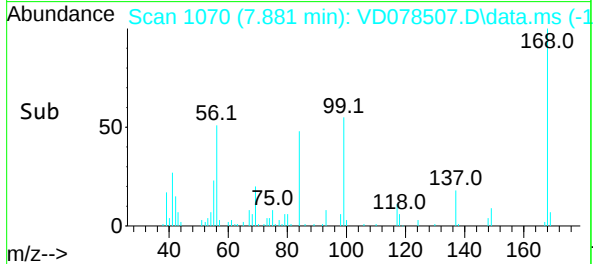
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



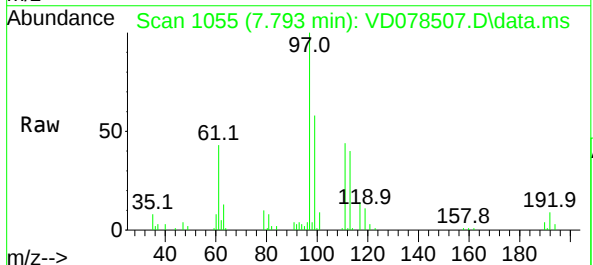
Tgt Ion: 56 Resp: 33860
Ion Ratio Lower Upper
56 100
69 39.7 28.6 43.0
84 103.4 84.8 127.2

Manual Integrations
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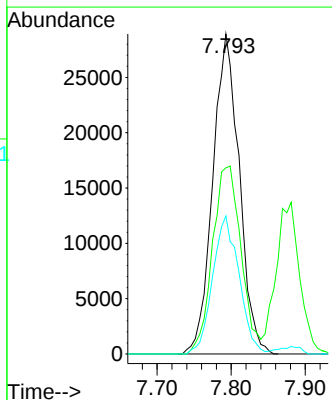
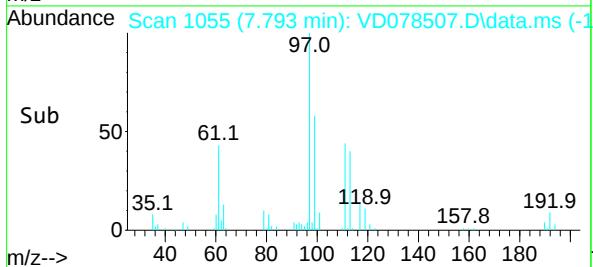
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

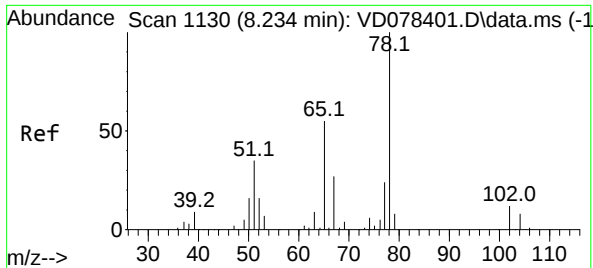


#32
1,1,1-Trichloroethane
Concen: 65.502 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59



Tgt Ion: 97 Resp: 71672
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 67.268 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

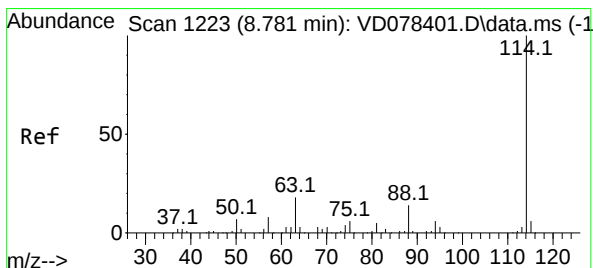
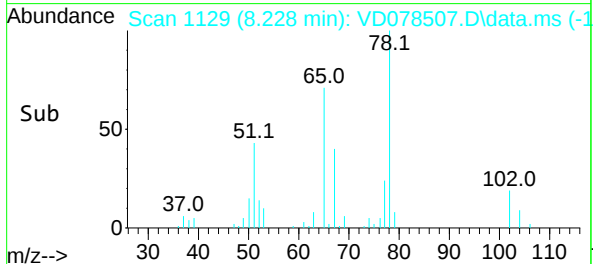
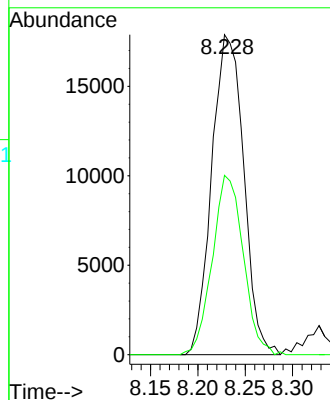
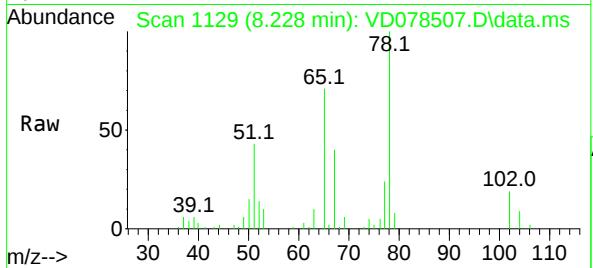
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 65 Resp: 4195
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

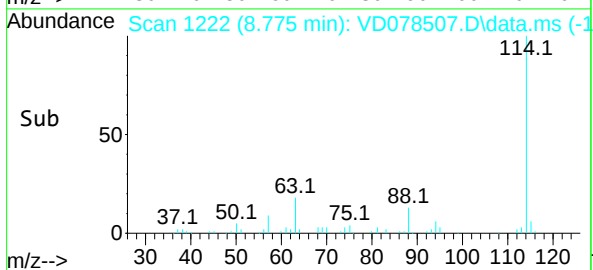
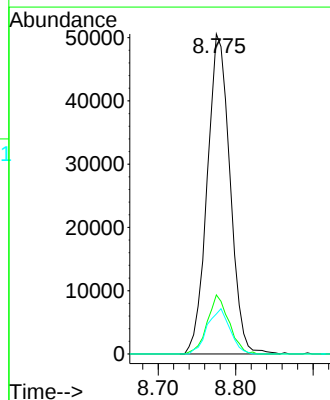
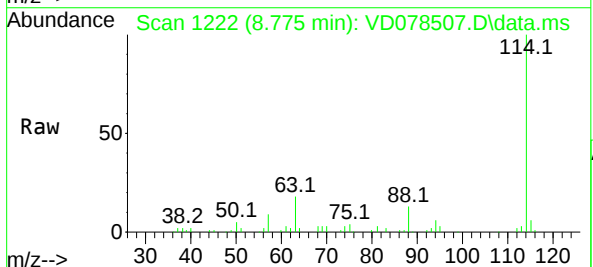
RT: 8.775 min Scan# 1222

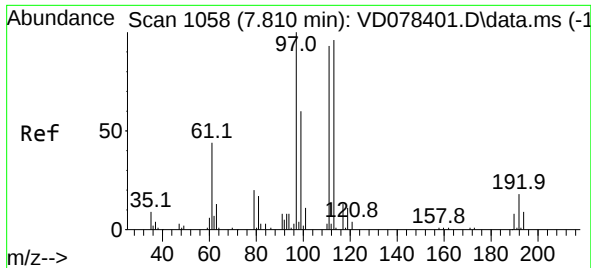
Delta R.T. -0.006 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

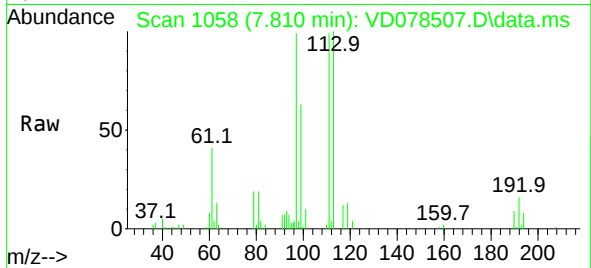
Tgt Ion:114 Resp: 102973
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 33.4
 88 12.5 0.0 26.2





#35
Dibromofluoromethane
Concen: 64.048 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

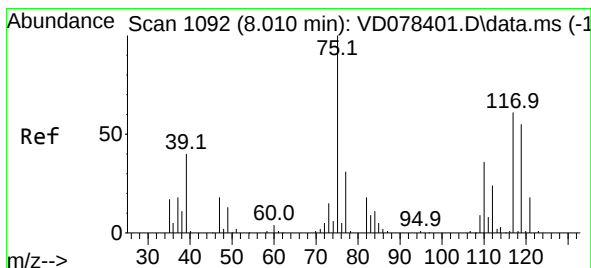
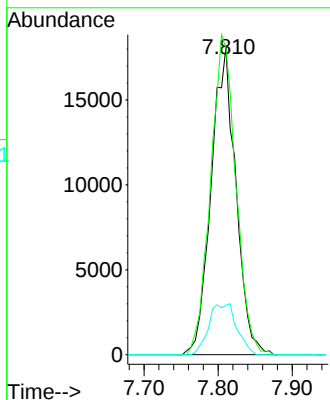
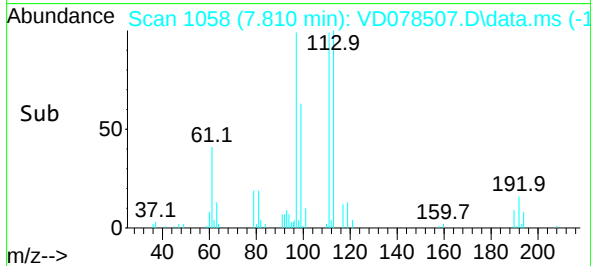
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 113 Resp: 41894
Ion Ratio Lower Upper
113 100
111 106.4 84.7 127.1
192 18.7 16.8 25.2

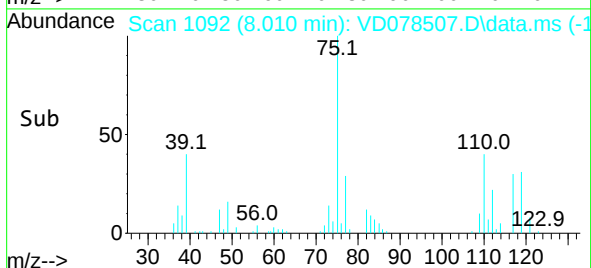
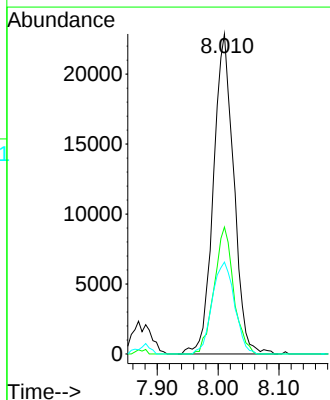
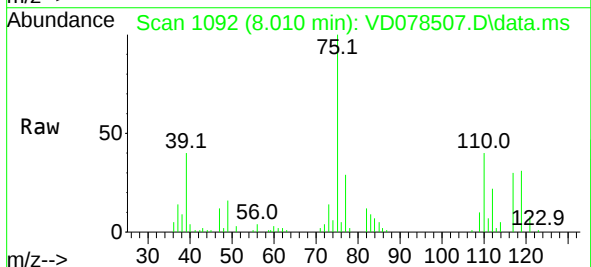
Manual Integrations
APPROVED

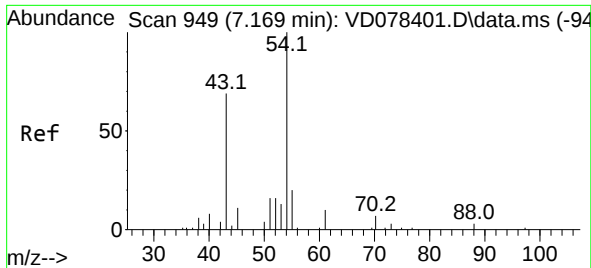
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#36
1,1-Dichloropropene
Concen: 52.149 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

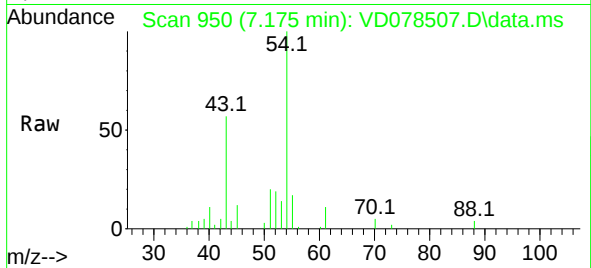
Tgt Ion: 75 Resp: 52991
Ion Ratio Lower Upper
75 100
110 37.9 19.9 59.6
77 31.6 24.7 37.1





#37
Ethyl Acetate
Concen: 71.903 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

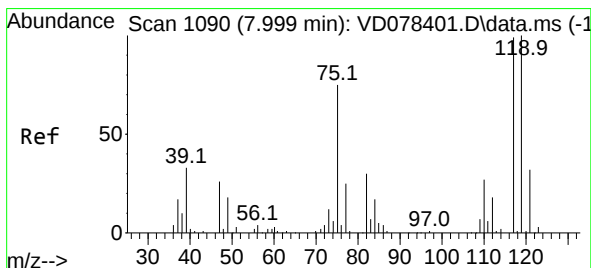
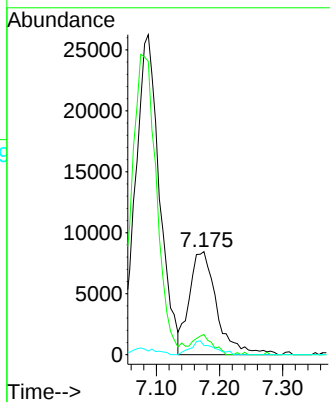
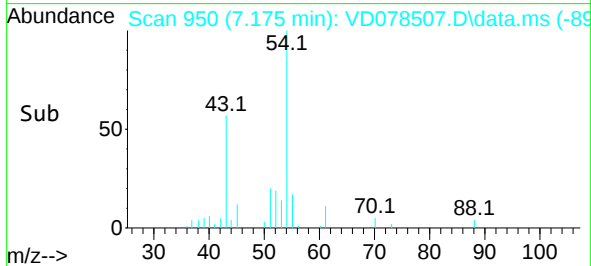
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
61 13.9 14.9 22.3
70 10.6 10.0 15.0

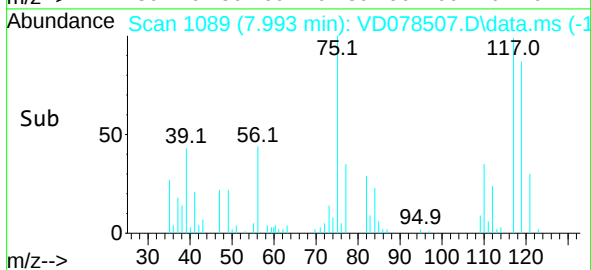
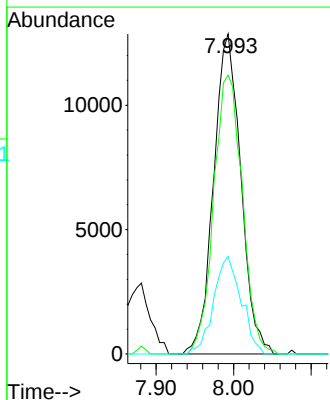
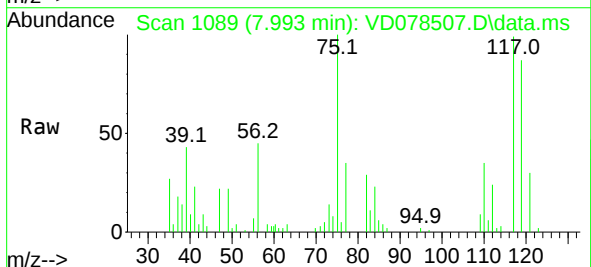
Manual Integrations
APPROVED

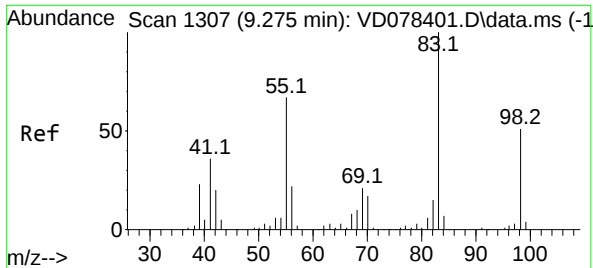
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#38
Carbon Tetrachloride
Concen: 31.221 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion:117 Resp: 31418
Ion Ratio Lower Upper
117 100
119 87.1 78.0 117.0
121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 21.175 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

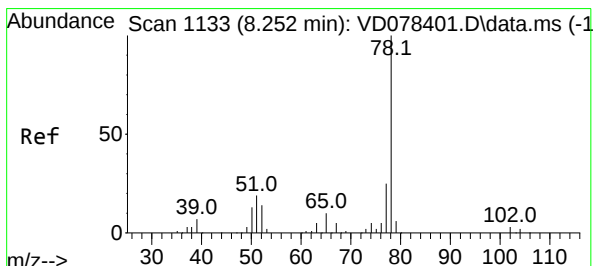
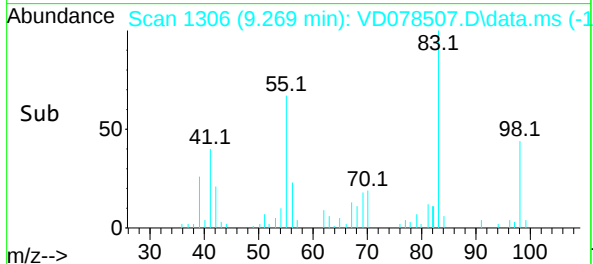
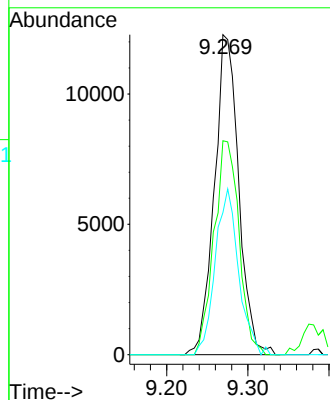
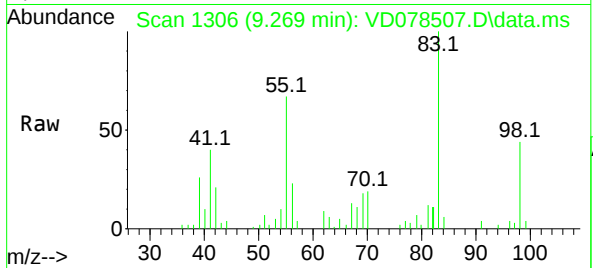
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 83	Resp: 2554
Ion Ratio	Lower Upper
83 100	
55 66.9	49.4 74.0
98 44.4	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#40

Benzene

Concen: 65.505 ug/l

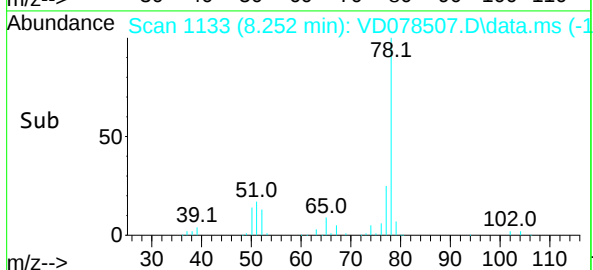
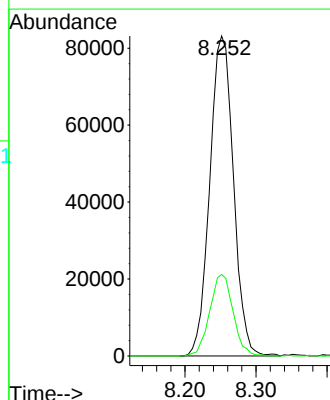
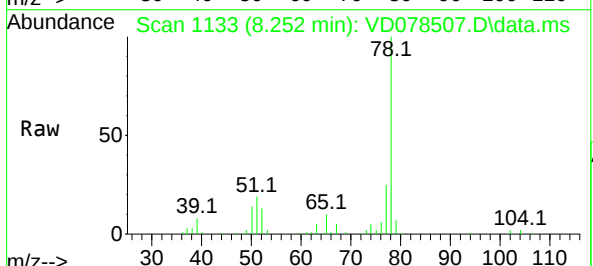
RT: 8.252 min Scan# 1133

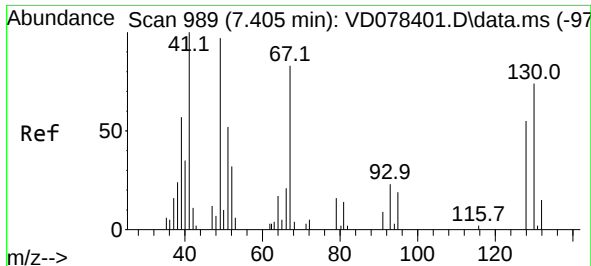
Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

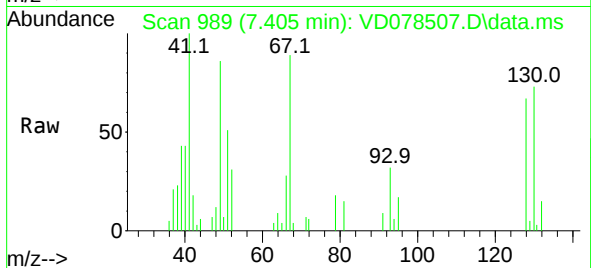
Tgt Ion: 78	Resp: 192395
Ion Ratio	Lower Upper
78 100	
77 25.4	19.4 29.0





#41
Methacrylonitrile
Concen: 76.918 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

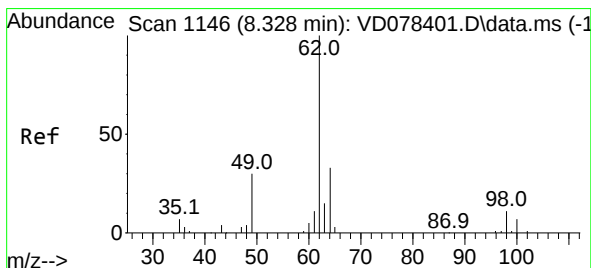
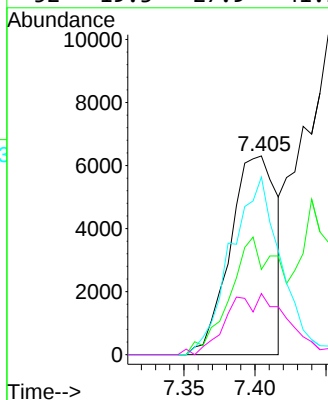
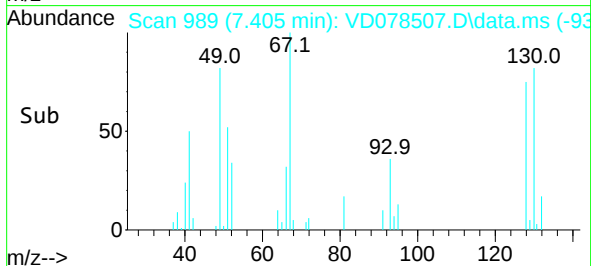
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 41 Resp: 14259
Ion Ratio Lower Upper
41 100
39 62.1 34.0 51.0
67 97.2 77.0 115.4
52 19.3 27.9 41.9#

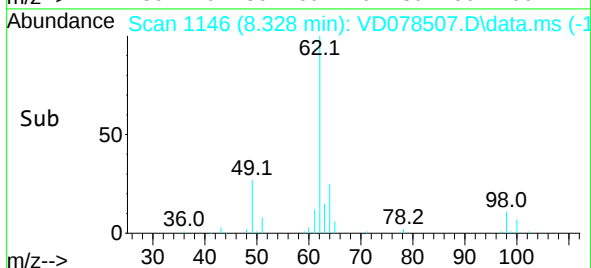
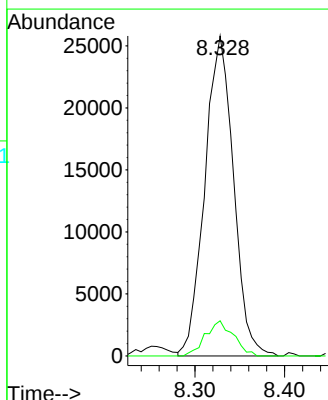
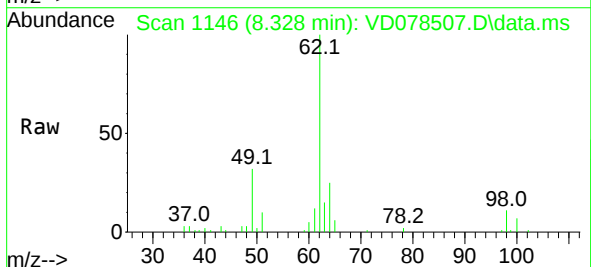
Manual Integrations
APPROVED

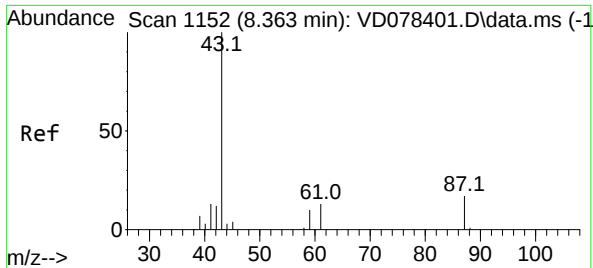
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#42
1,2-Dichloroethane
Concen: 75.399 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion: 62 Resp: 57301
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4





#43

Isopropyl Acetate

Concen: 76.444 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

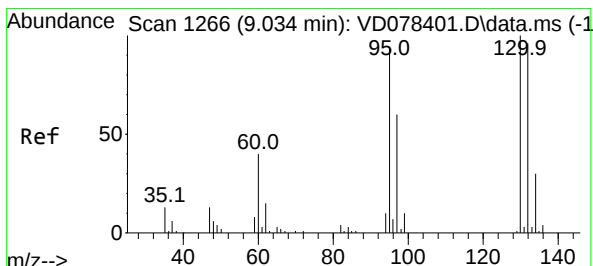
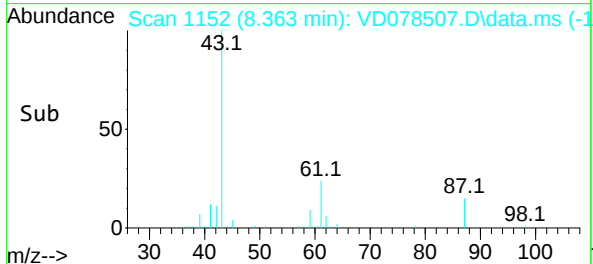
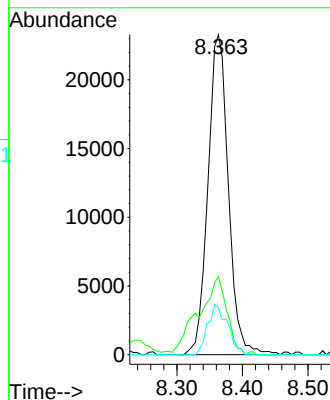
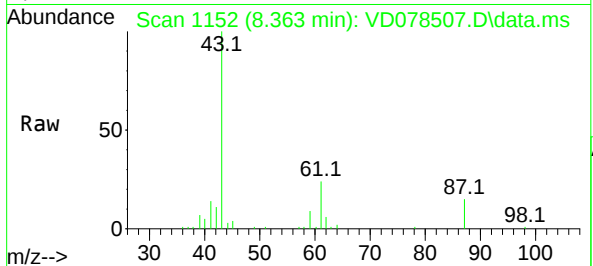
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 43	Resp: 5042
Ion Ratio	Lower Upper
43 100	
61 34.3	31.4 47.0
87 15.2	14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#44

Trichloroethene

Concen: 61.172 ug/l

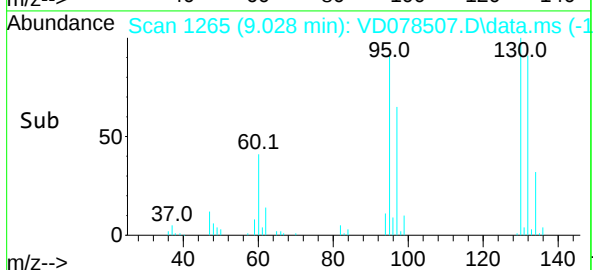
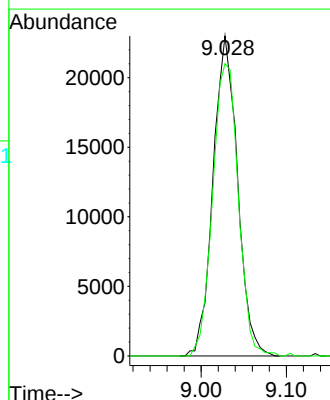
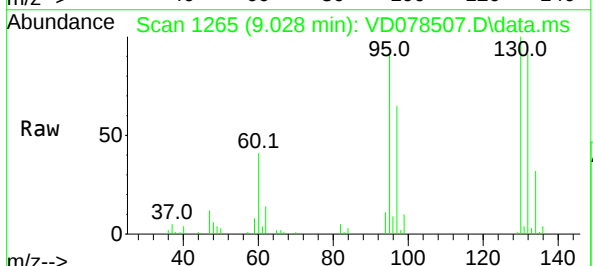
RT: 9.028 min Scan# 1265

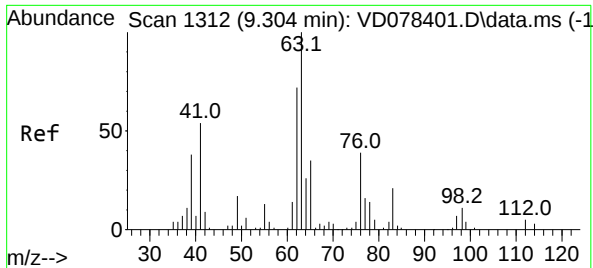
Delta R.T. -0.006 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Tgt Ion:130	Resp: 45836
Ion Ratio	Lower Upper
130 100	
95 91.3	0.0 179.2





#45

1,2-Dichloropropane

Concen: 69.795 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 63 Resp: 50290

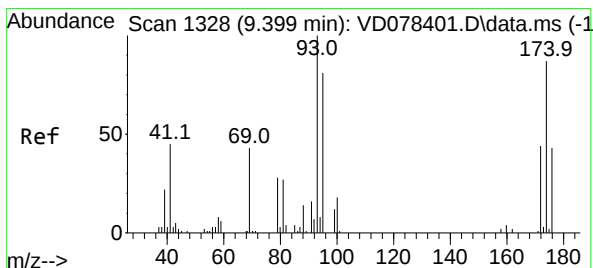
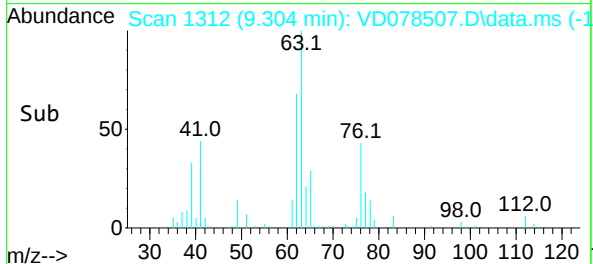
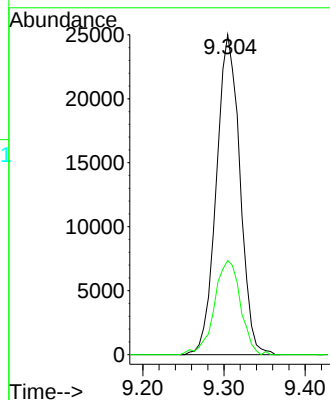
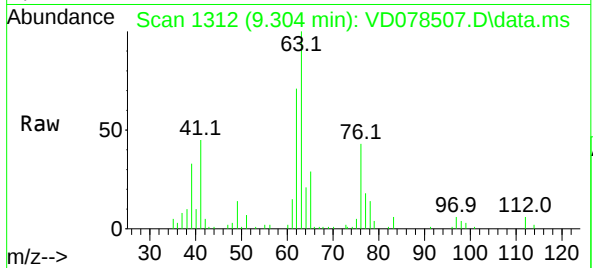
Ion Ratio Lower Upper

63 100

65 29.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

#46

Dibromomethane

Concen: 78.635 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

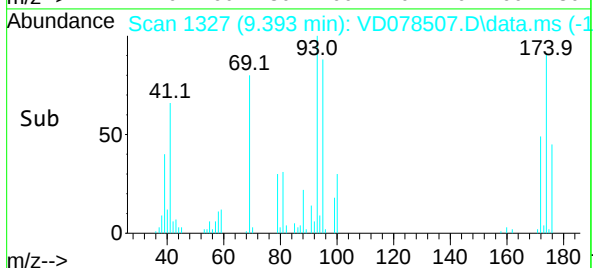
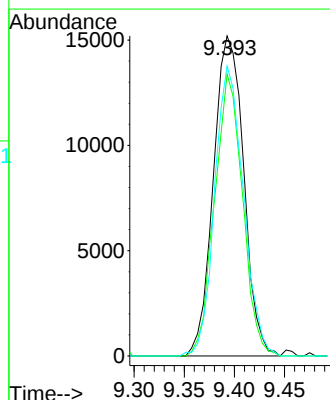
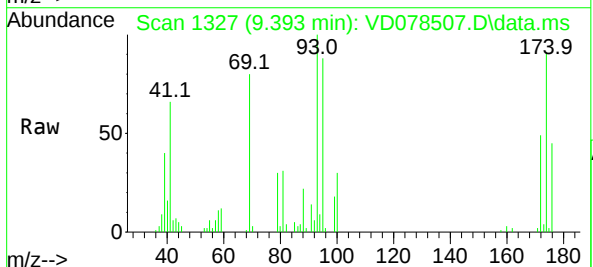
Tgt Ion: 93 Resp: 31873

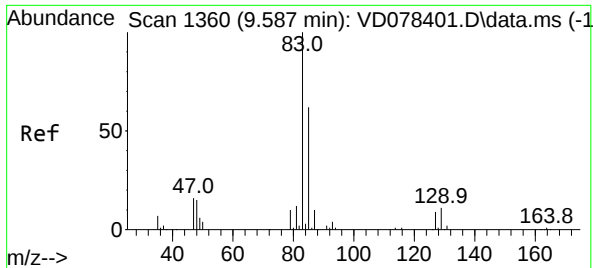
Ion Ratio Lower Upper

93 100

95 81.5 67.7 101.5

174 86.3 85.4 128.2





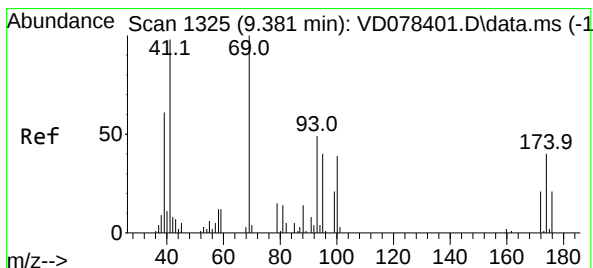
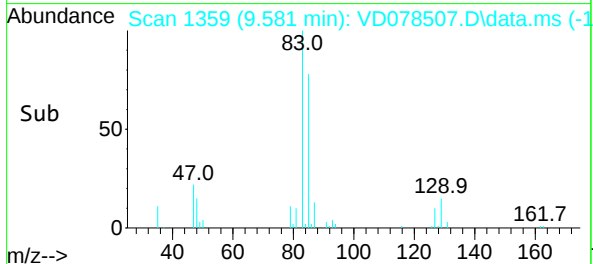
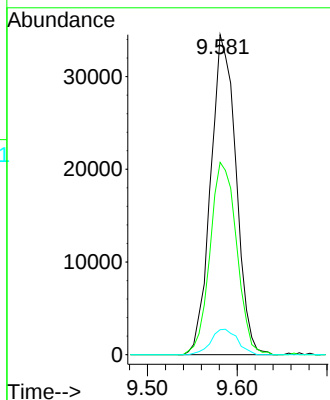
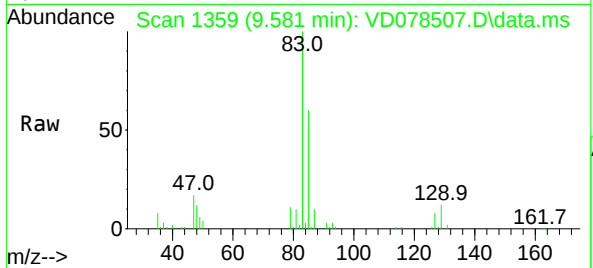
#47
Bromodichloromethane
Concen: 67.284 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 83 Resp: 67549
Ion Ratio Lower Upper
83 100
85 60.1 50.2 75.4
127 7.8 6.3 9.5

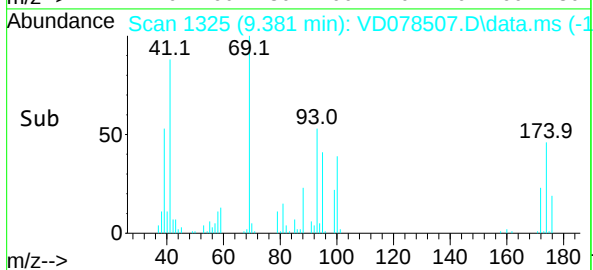
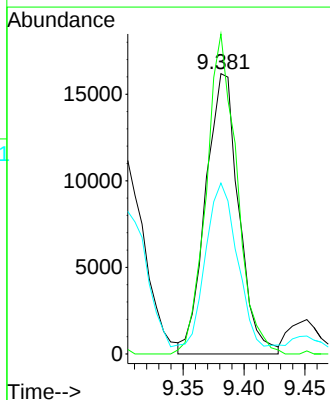
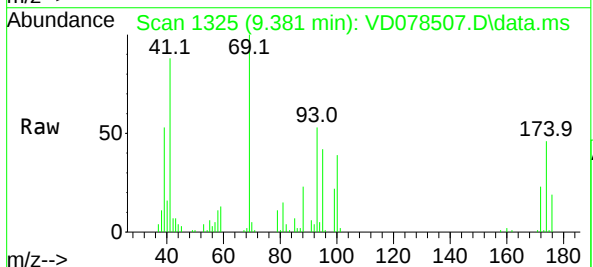
Manual Integrations
APPROVED

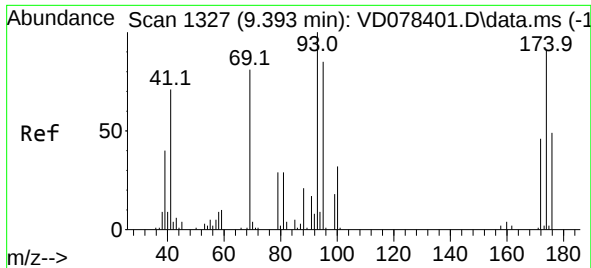
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#48
Methyl methacrylate
Concen: 87.344 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion: 41 Resp: 30565
Ion Ratio Lower Upper
41 100
69 105.9 102.2 153.2
39 60.9 41.4 62.2





#49

1,4-Dioxane

Concen: 1786.738 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.012 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06M

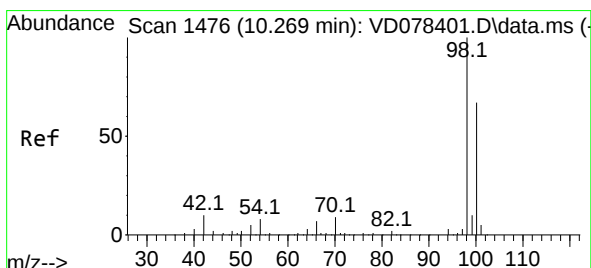
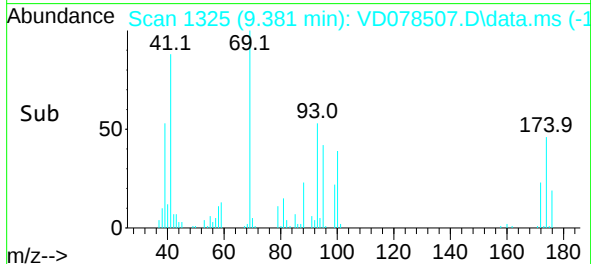
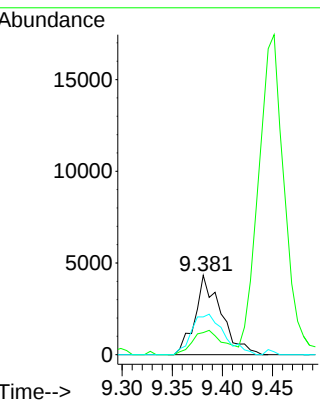
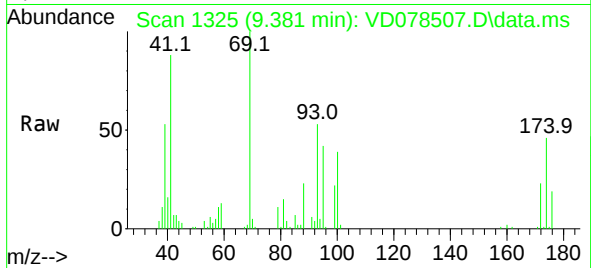
Tgt Ion: 88 Resp: 784

Ion	Ratio	Lower	Upper
88	100		
43	34.2	19.0	28.6
58	62.9	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#50

Toluene-d8

Concen: 51.854 ug/l

RT: 10.269 min Scan# 1476

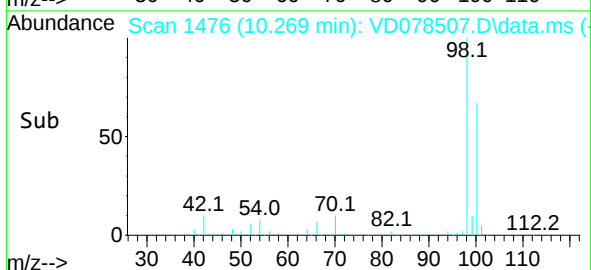
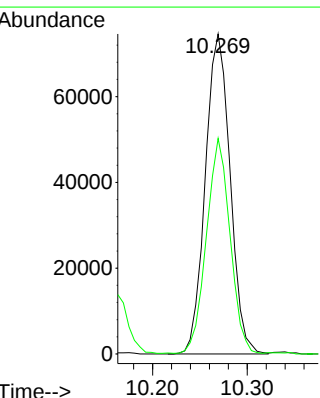
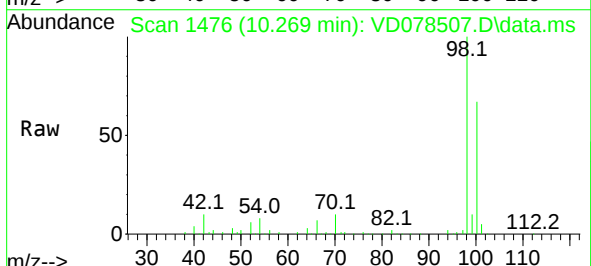
Delta R.T. 0.000 min

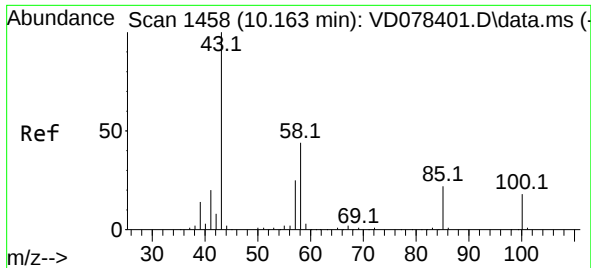
Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Tgt Ion: 98 Resp: 135680

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.3	75.5





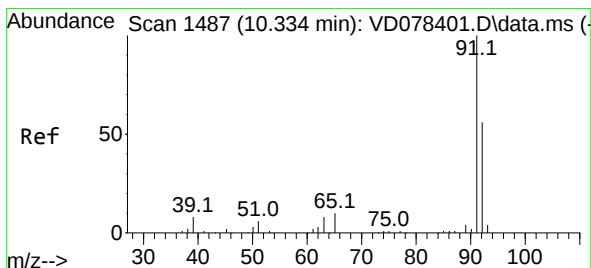
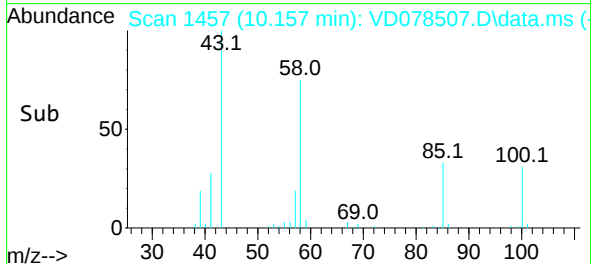
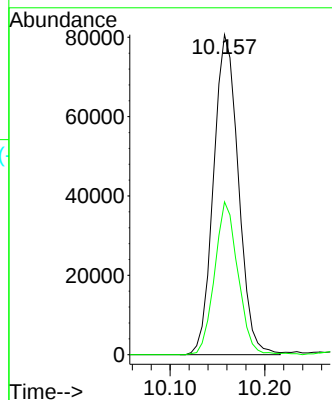
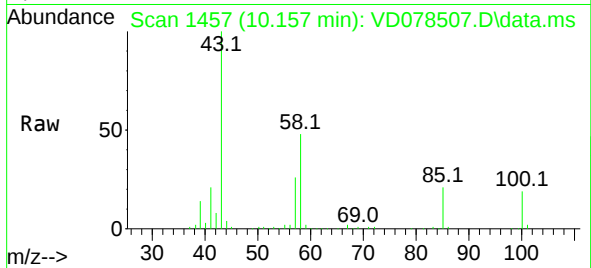
#51
4-Methyl-2-Pentanone
Concen: 420.324 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 43 Resp: 14714
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3

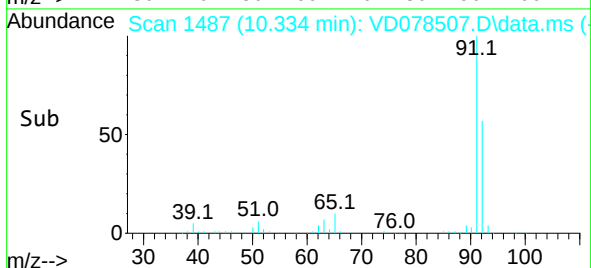
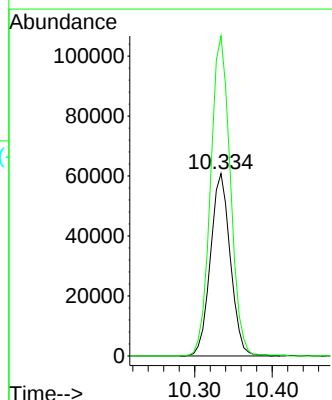
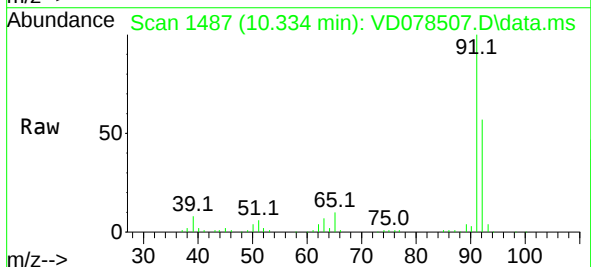
Manual Integrations
APPROVED

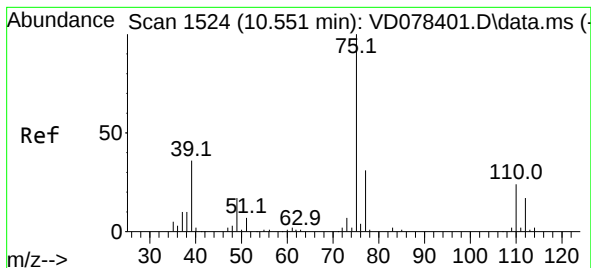
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#52
Toluene
Concen: 58.211 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

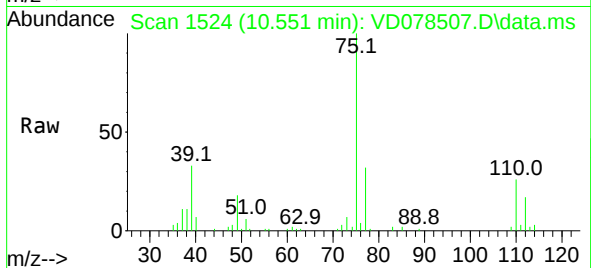
Tgt Ion: 92 Resp: 108119
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 49.627 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

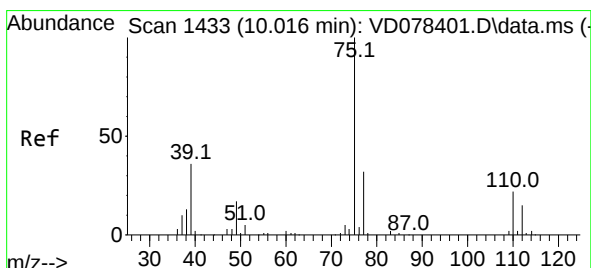
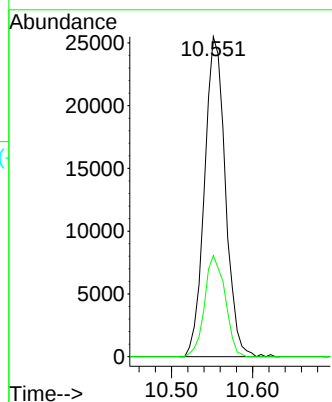
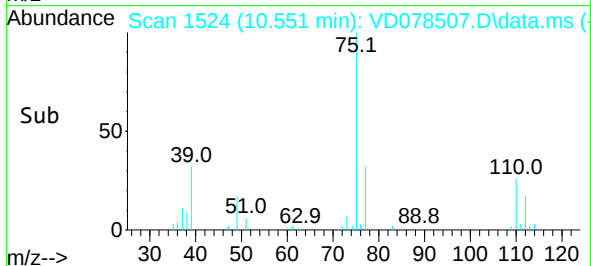
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



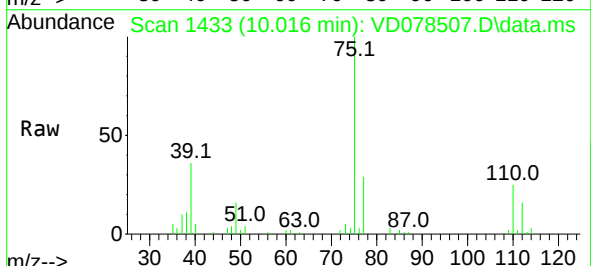
Tgt Ion: 75 Resp: 4546
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

Manual Integrations
APPROVED

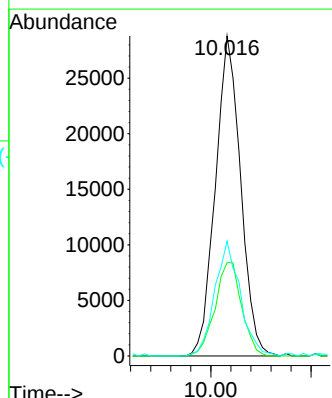
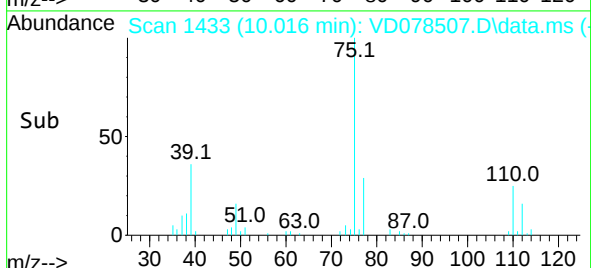
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

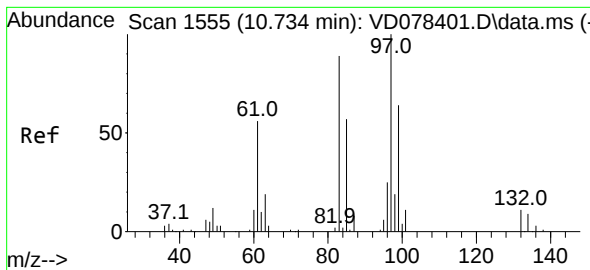


#54
cis-1,3-Dichloropropene
Concen: 45.153 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59



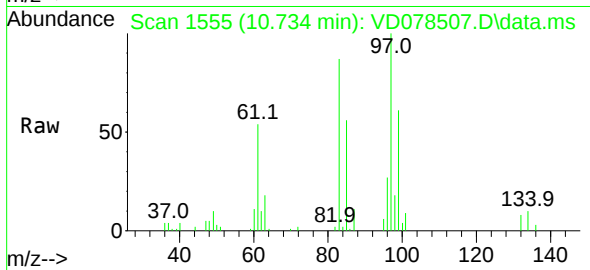
Tgt Ion: 75 Resp: 50156
Ion Ratio Lower Upper
75 100
77 29.1 25.5 38.3
39 35.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 80.967 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

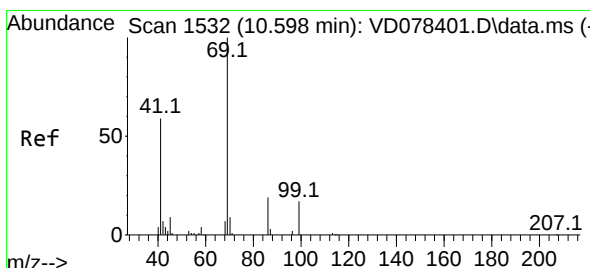
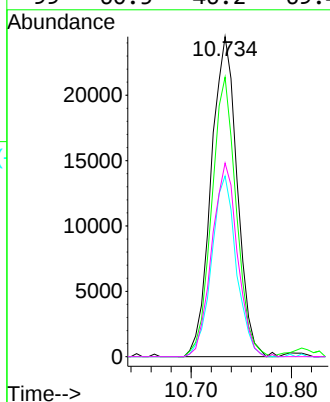
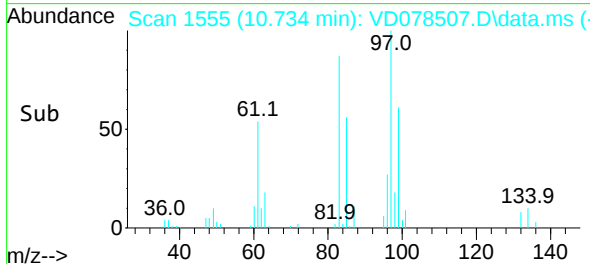
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



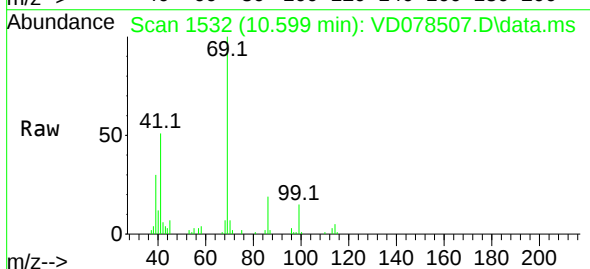
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.8	98.6
85	56.5	45.7	68.5
99	60.5	46.2	69.4

Manual Integrations
APPROVED

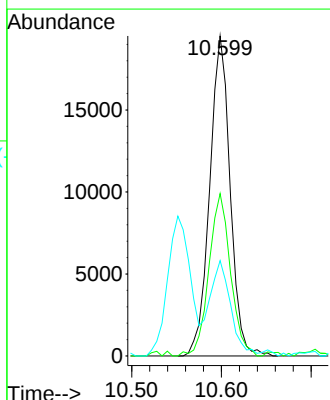
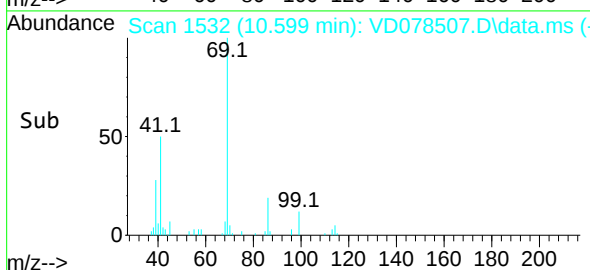
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

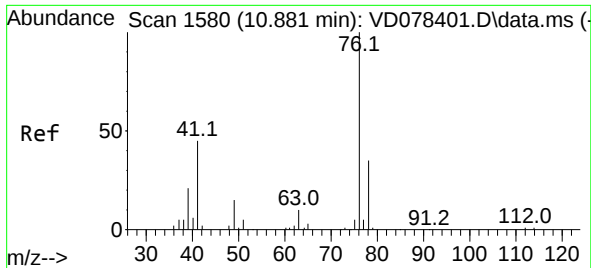


#56
Ethyl methacrylate
Concen: 61.206 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59



Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.6	39.1	58.7
39	29.6	20.0	30.0





#57

1,3-Dichloropropane

Concen: 74.123 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 76 Resp: 68820

Ion Ratio Lower Upper

76 100

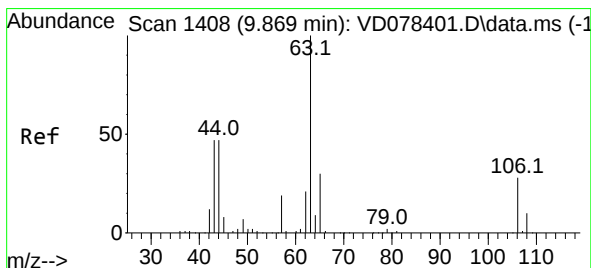
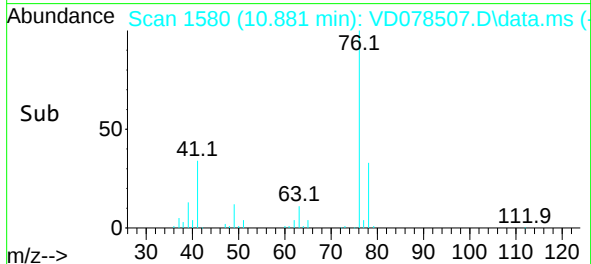
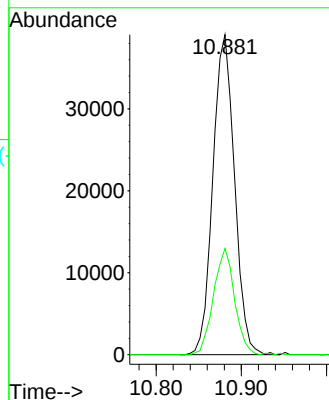
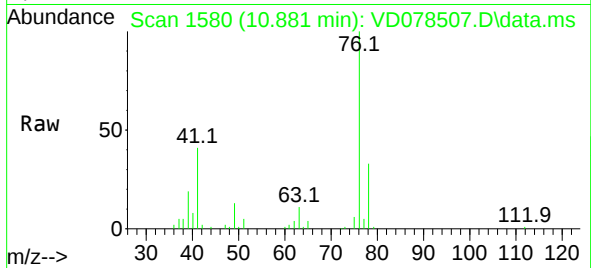
78 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#58

2-Chloroethyl Vinyl ether

Concen: 410.532 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078507.D

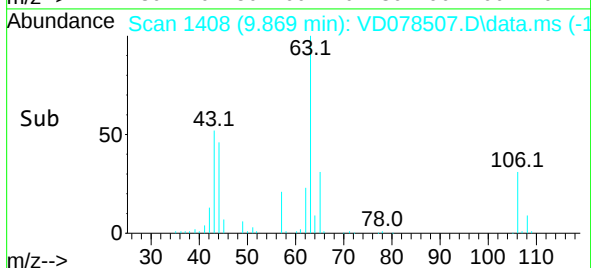
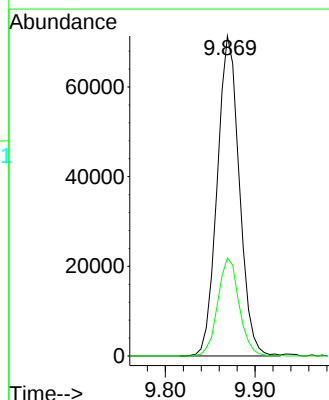
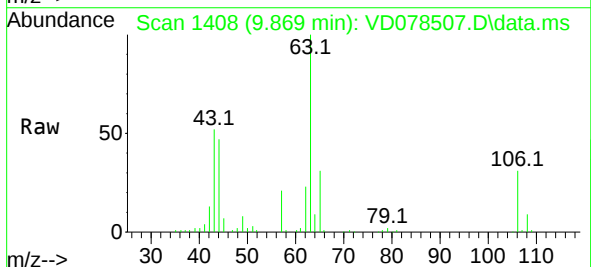
Acq: 21 Feb 2024 18:59

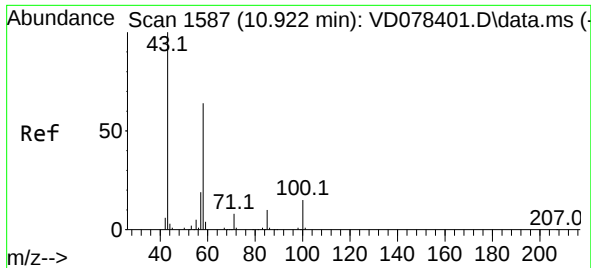
Tgt Ion: 63 Resp: 122080

Ion Ratio Lower Upper

63 100

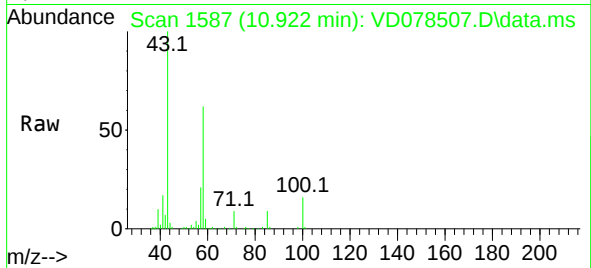
106 29.5 25.3 37.9





#59
2-Hexanone
Concen: 392.444 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

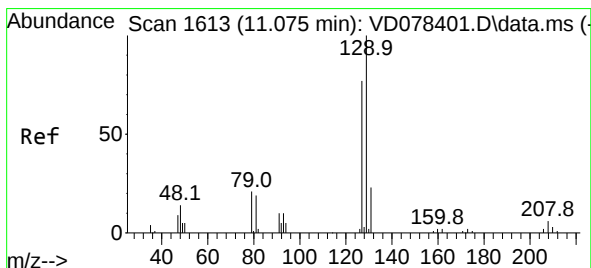
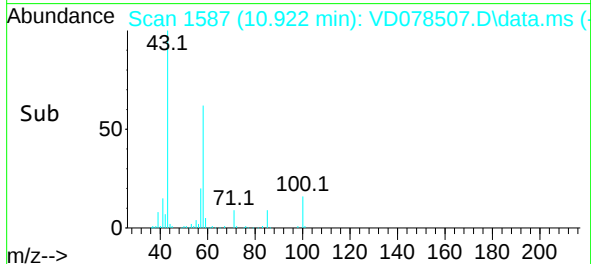
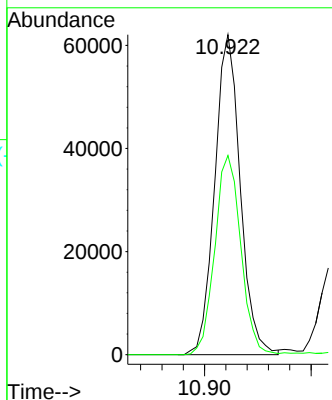
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 43 Resp: 103248
Ion Ratio Lower Upper
43 100
58 63.4 34.1 102.2

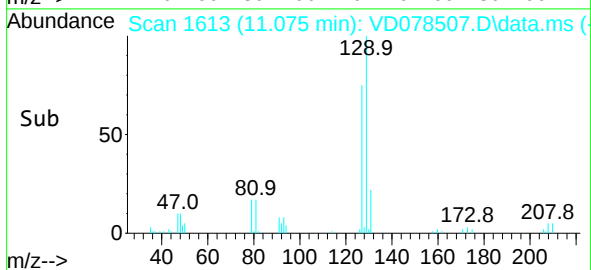
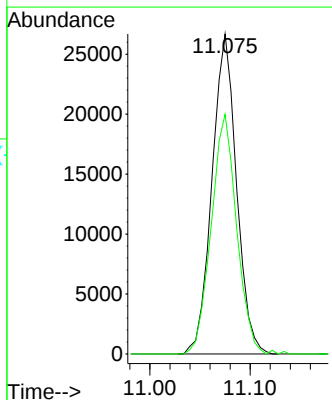
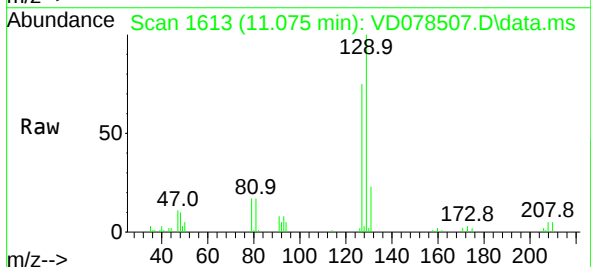
Manual Integrations
APPROVED

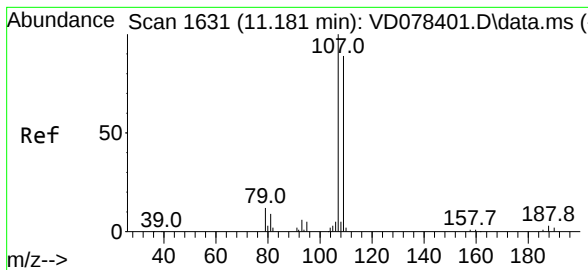
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#60
Dibromochloromethane
Concen: 68.809 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion:129 Resp: 45191
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5





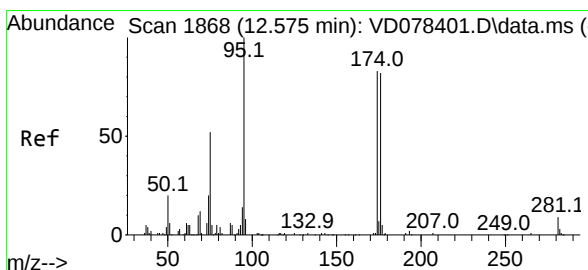
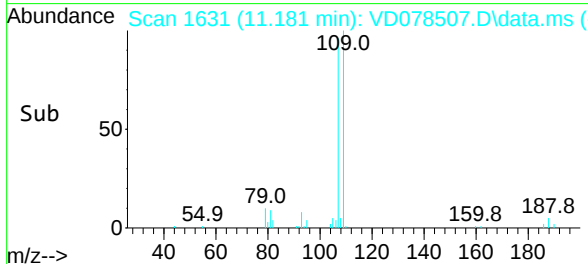
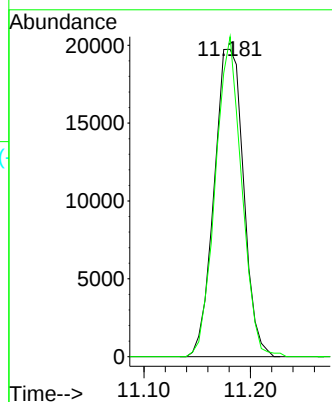
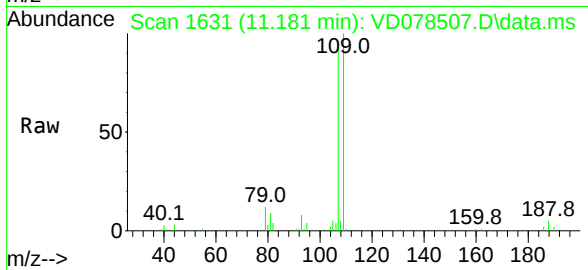
#61
1,2-Dibromoethane
Concen: 73.810 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion:107 Resp: 37824
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

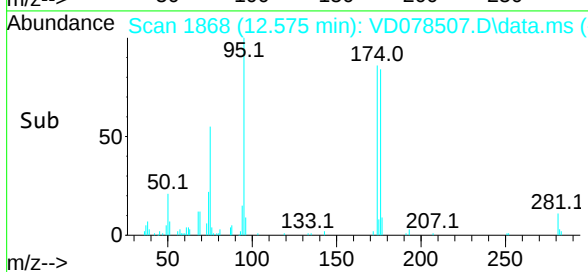
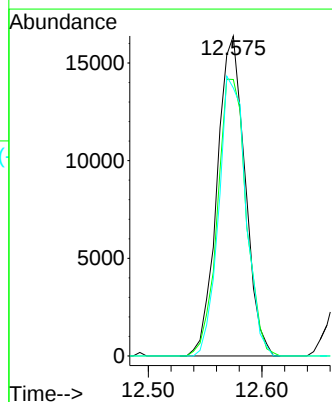
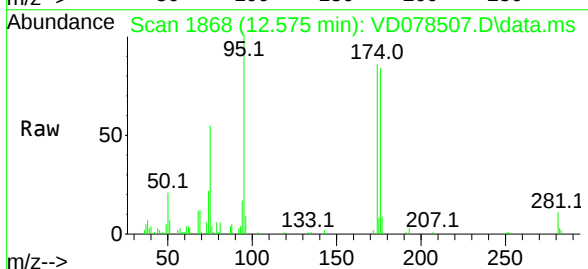
Manual Integrations
APPROVED

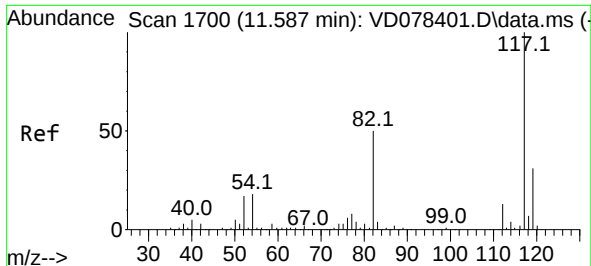
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#62
4-Bromofluorobenzene
Concen: 36.736 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

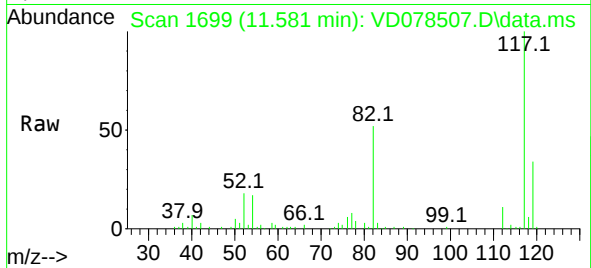
Tgt Ion: 95 Resp: 27972
Ion Ratio Lower Upper
95 100
174 88.8 0.0 201.8
176 84.9 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

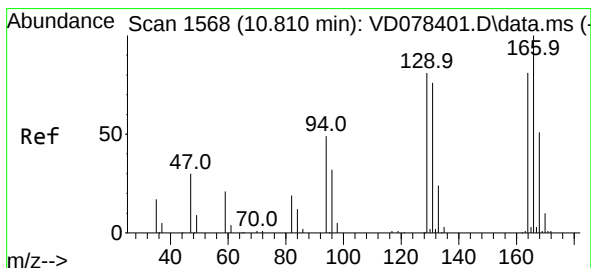
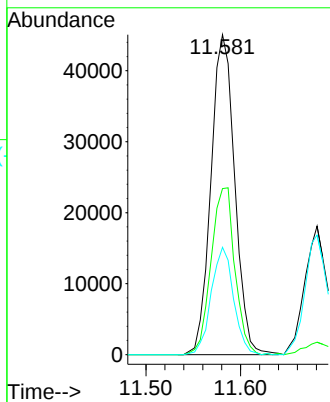
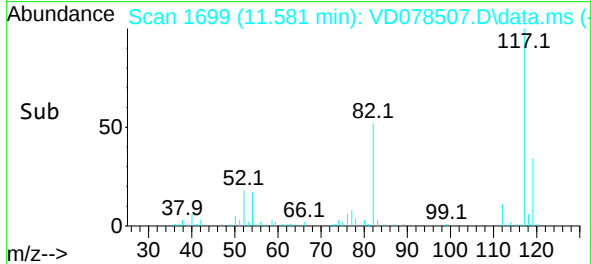
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion:117 Resp: 78772
Ion Ratio Lower Upper
117 100
82 51.9 38.3 57.5
119 33.6 25.0 37.4

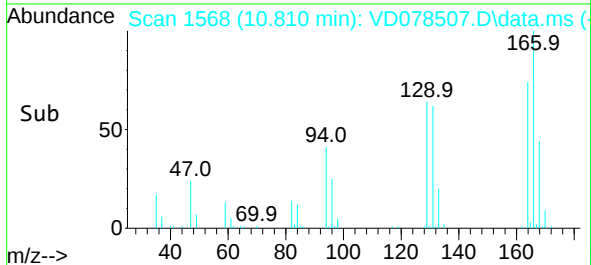
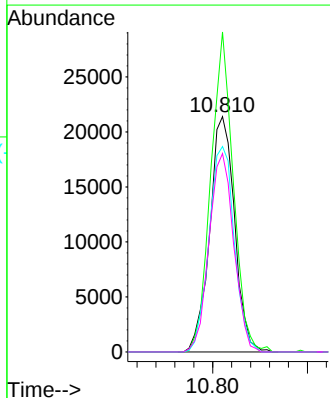
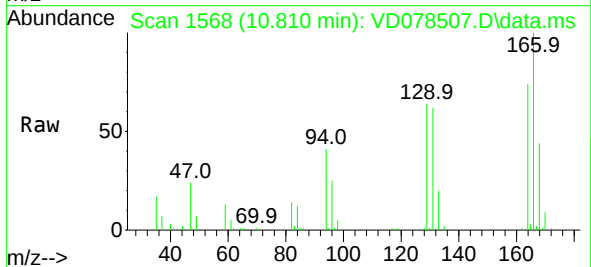
Manual Integrations
APPROVED

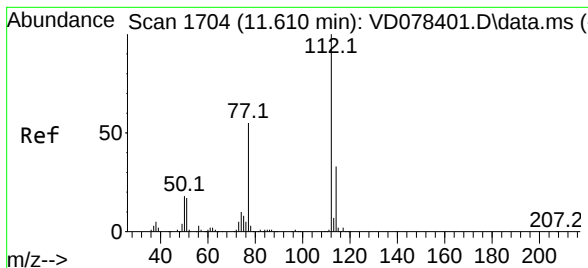
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#64
Tetrachloroethene
Concen: 78.198 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

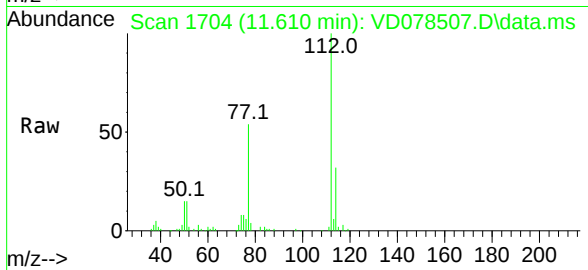
Tgt Ion:164 Resp: 38907
Ion Ratio Lower Upper
164 100
166 136.0 99.2 148.8
129 87.3 68.4 102.6
131 84.3 63.8 95.8





#65
Chlorobenzene
Concen: 62.099 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

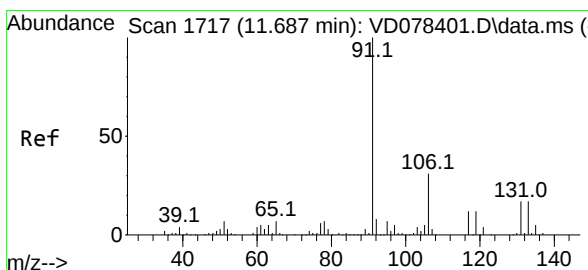
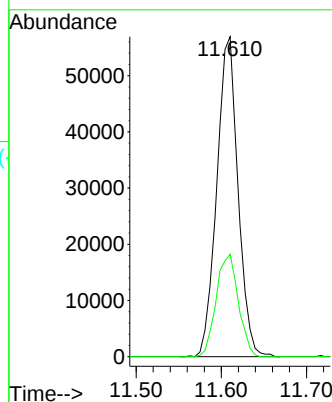
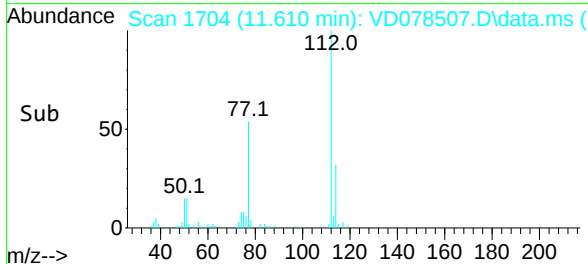
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



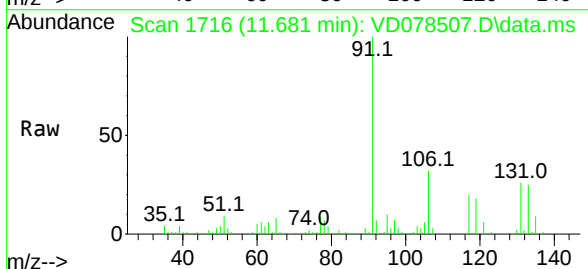
Tgt Ion:112 Resp: 9834
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

Manual Integrations
APPROVED

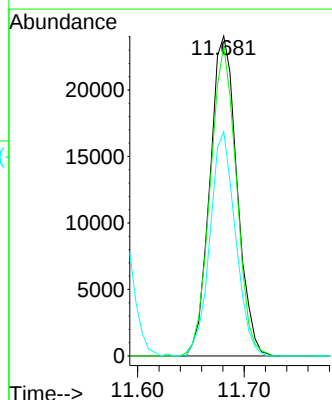
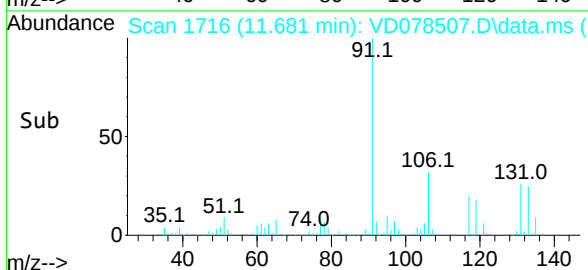
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

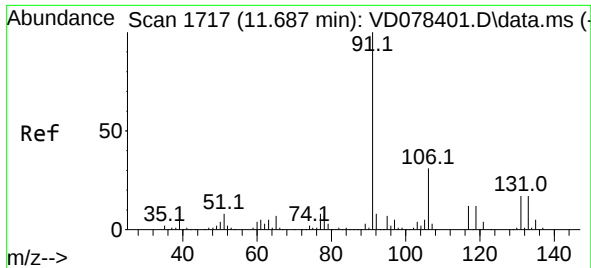


#66
1,1,1,2-Tetrachloroethane
Concen: 72.996 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59



Tgt Ion:131 Resp: 42482
Ion Ratio Lower Upper
131 100
133 93.7 48.5 145.5
119 66.0 35.6 106.9





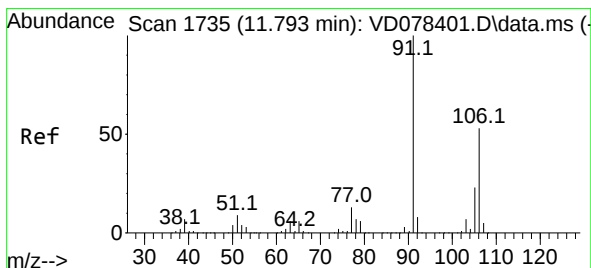
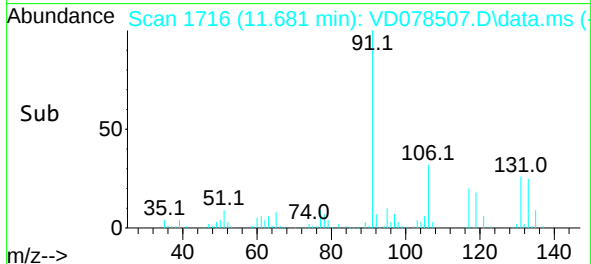
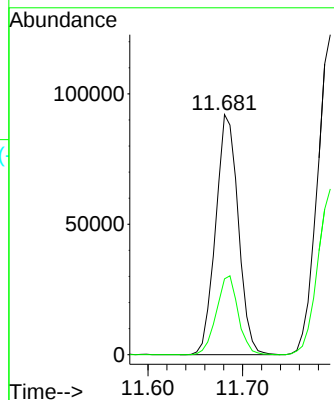
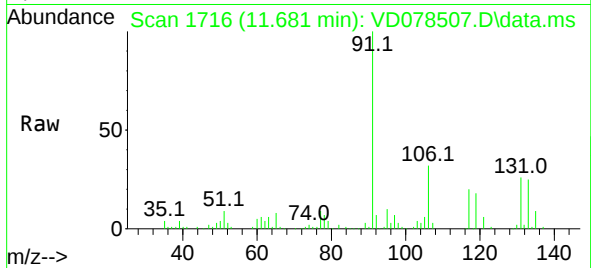
#67
Ethyl Benzene
Concen: 53.883 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 91 Resp: 152890
Ion Ratio Lower Upper
91 100
106 31.6 26.5 39.7

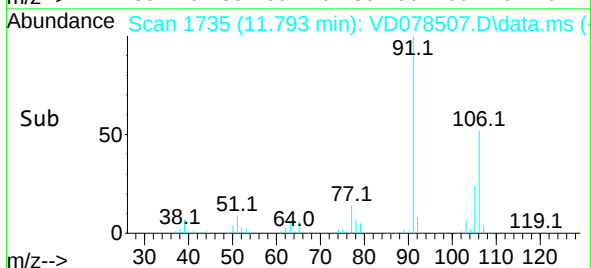
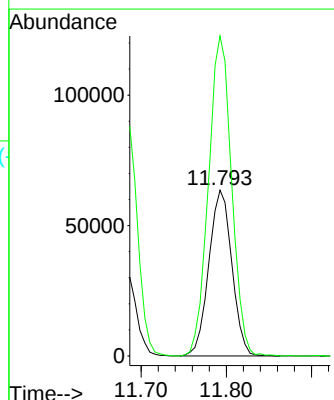
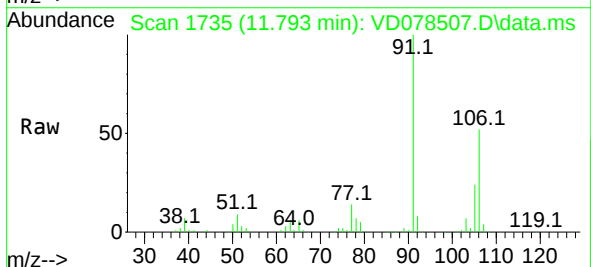
Manual Integrations
APPROVED

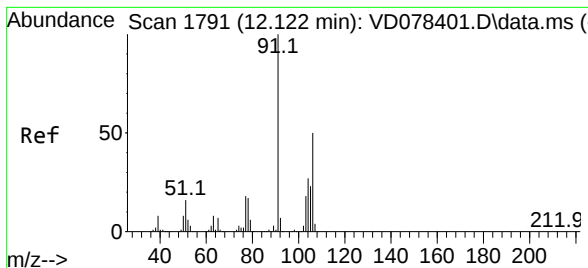
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#68
m/p-Xylenes
Concen: 107.847 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

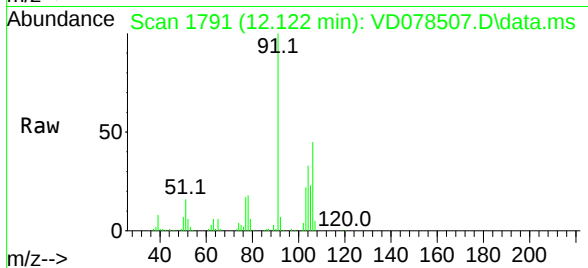
Tgt Ion:106 Resp: 119364
Ion Ratio Lower Upper
106 100
91 193.7 147.0 220.6





#69
o-Xylene
Concen: 55.582 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

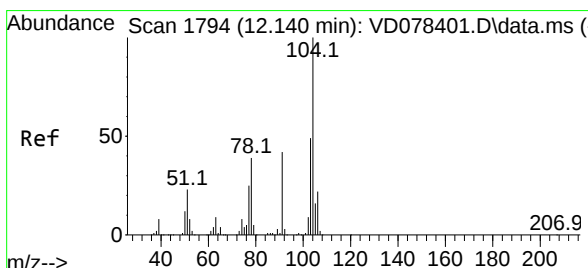
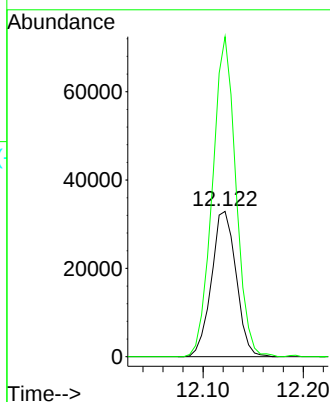
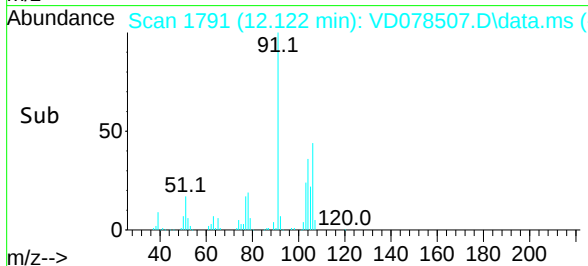
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion:106 Resp: 56139
Ion Ratio Lower Upper
106 100
91 209.6 97.9 293.6

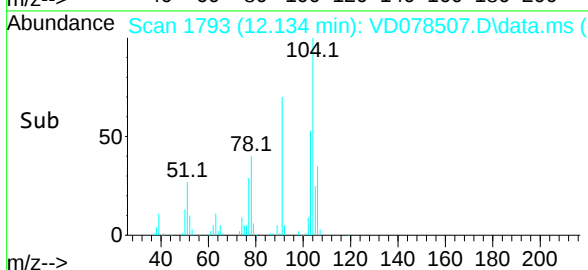
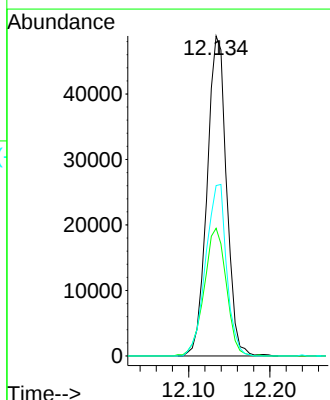
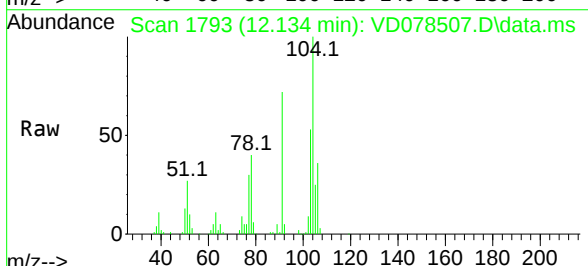
Manual Integrations
APPROVED

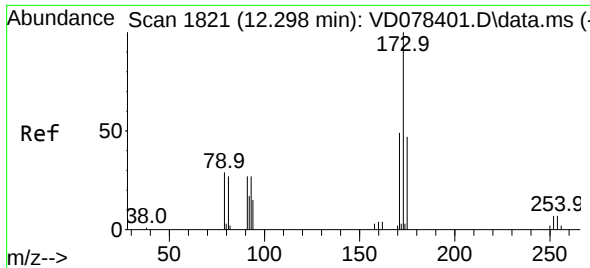
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#70
Styrene
Concen: 49.212 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

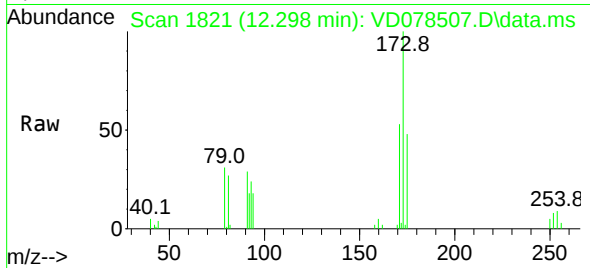
Tgt Ion:104 Resp: 81121
Ion Ratio Lower Upper
104 100
78 45.5 33.2 49.8
103 57.7 43.6 65.4





#71
Bromoform
Concen: 75.950 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

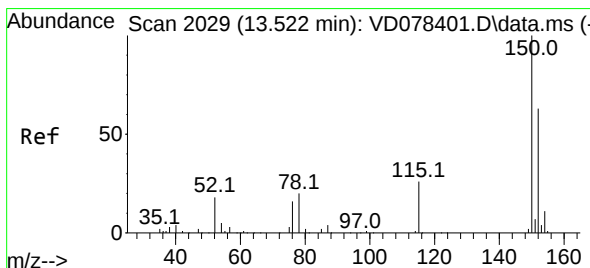
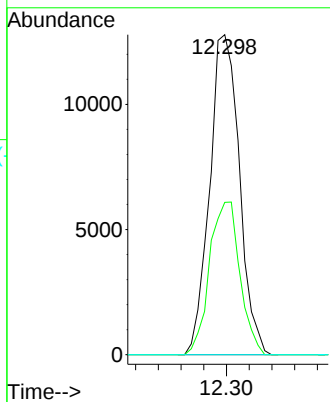
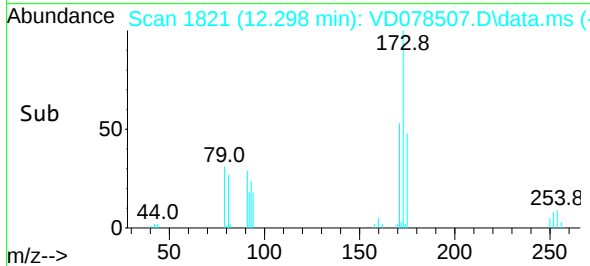
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



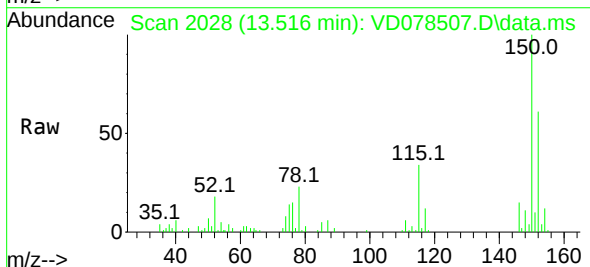
Tgt Ion:173 Resp: 2326
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

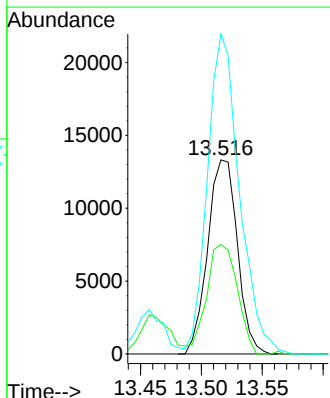
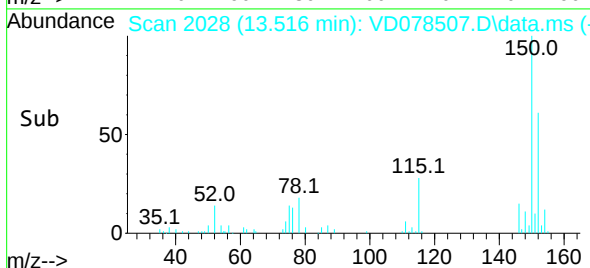
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

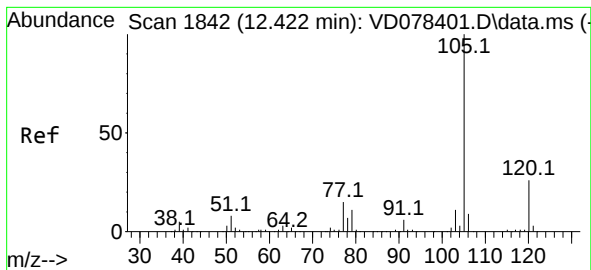


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59



Tgt Ion:152 Resp: 22580
Ion Ratio Lower Upper
152 100
115 58.4 27.1 81.3
150 177.1 0.0 353.6





#73

Isopropylbenzene

Concen: 70.029 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

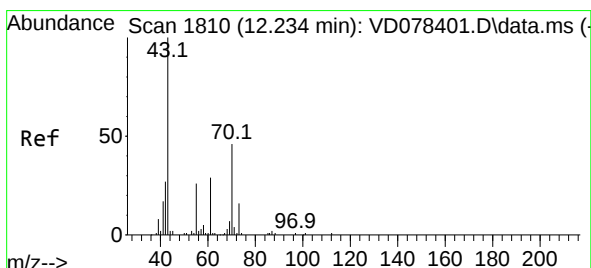
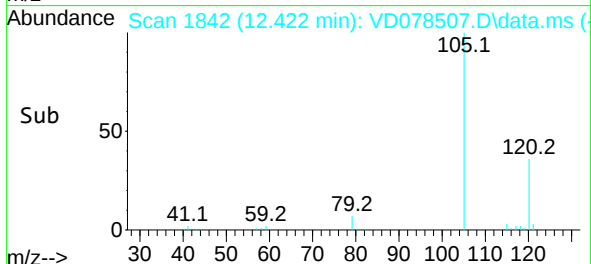
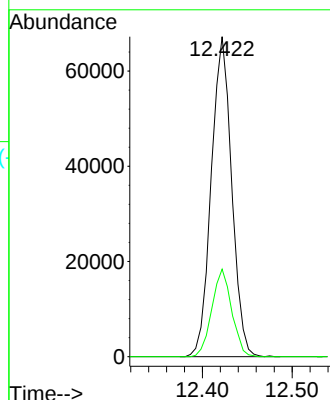
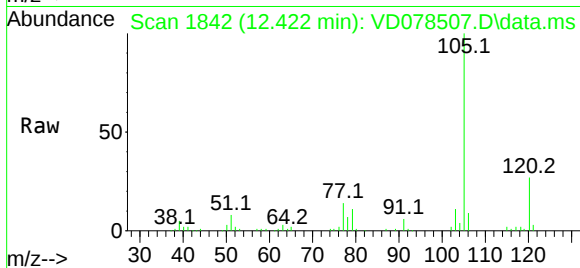
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion:105 Resp: 106180
 Ion Ratio Lower Upper
 105 100
 120 26.5 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024



#74

N-ethyl acetate

Concen: 71.161 ug/l

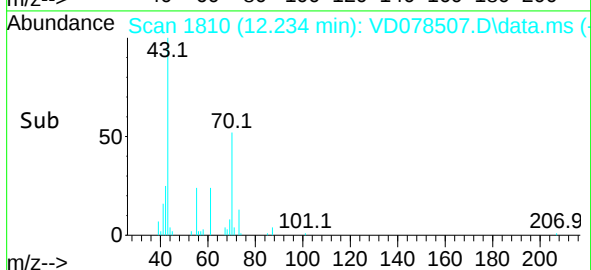
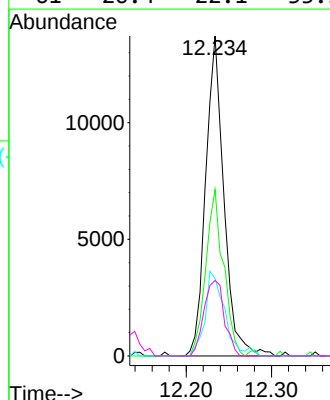
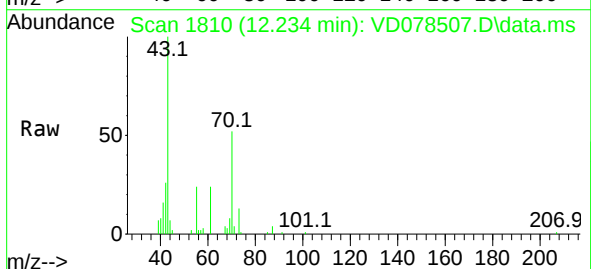
RT: 12.234 min Scan# 1810

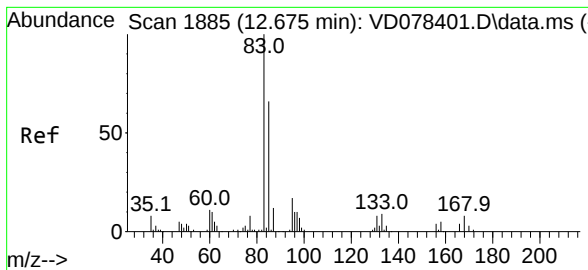
Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

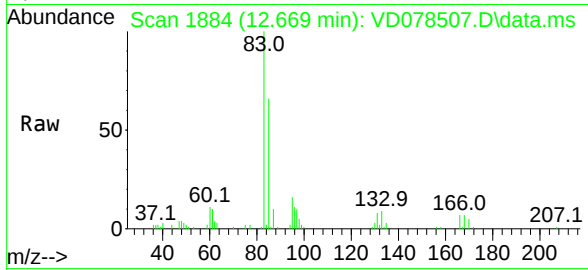
Tgt Ion: 43 Resp: 20412
 Ion Ratio Lower Upper
 43 100
 70 50.4 45.0 67.4
 55 28.5 23.8 35.6
 61 26.4 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 145.345 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

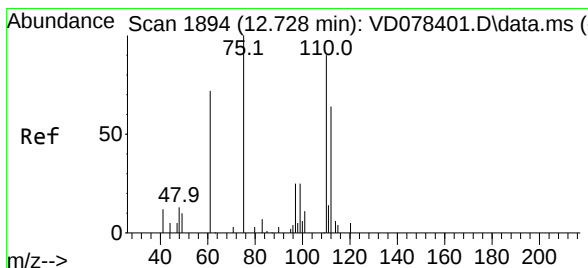
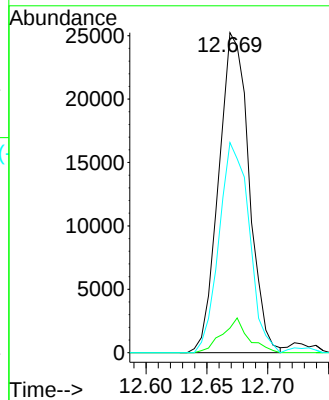
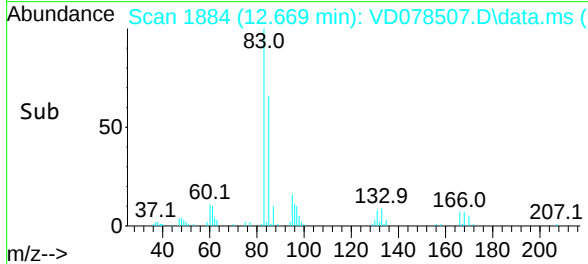
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 83 Resp: 43715
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 65.3 32.6 97.8

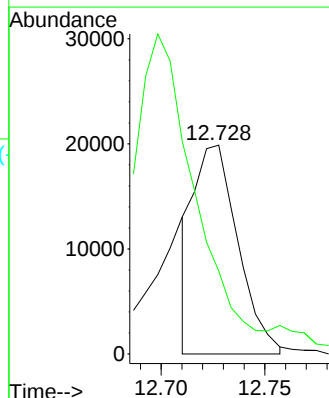
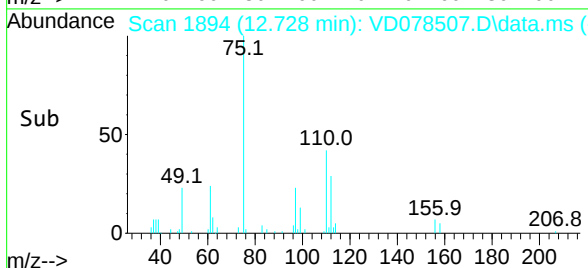
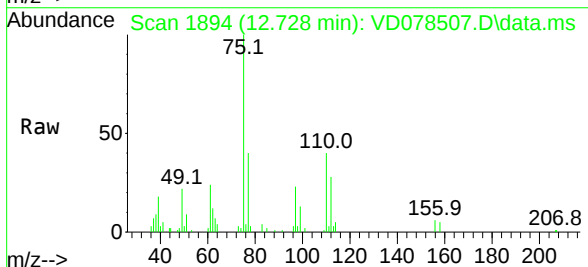
Manual Integrations
APPROVED

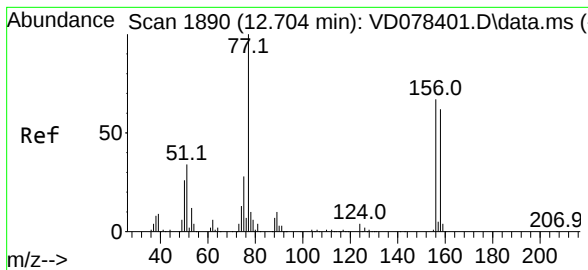
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#76
1,2,3-Trichloropropane
Concen: 153.450 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

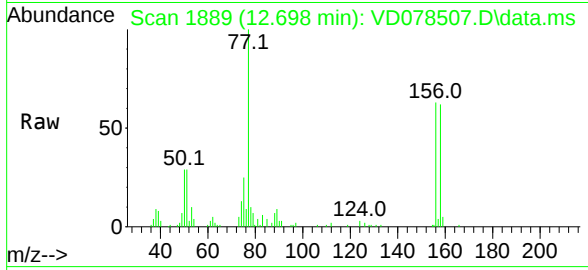
Tgt Ion: 75 Resp: 29416
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 94.554 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

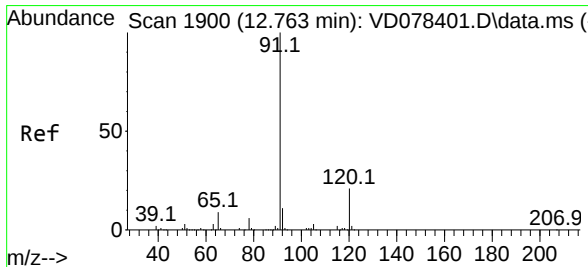
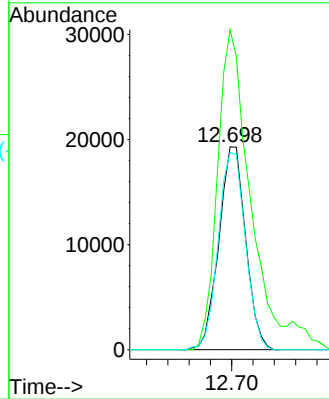
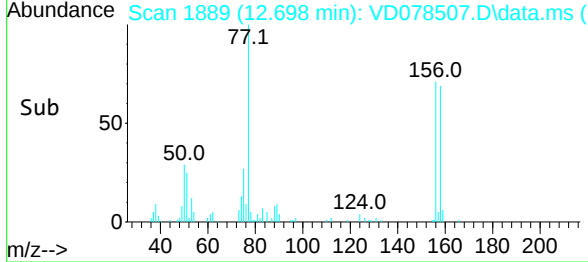
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



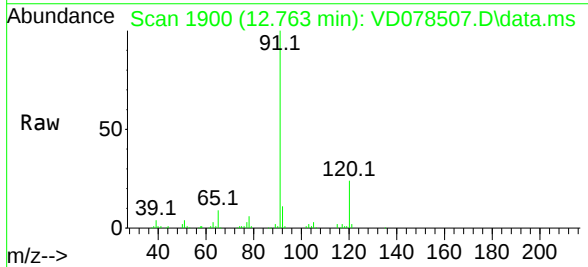
Tgt Ion:156 Resp: 3369
Ion Ratio Lower Upper
156 100
77 187.3 76.8 230.4
158 98.7 48.6 145.9

Manual Integrations
APPROVED

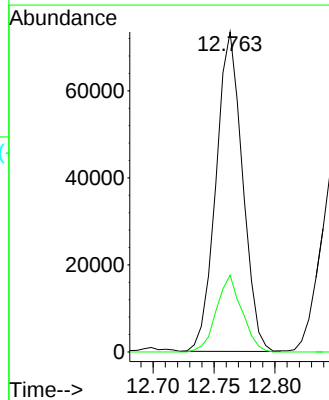
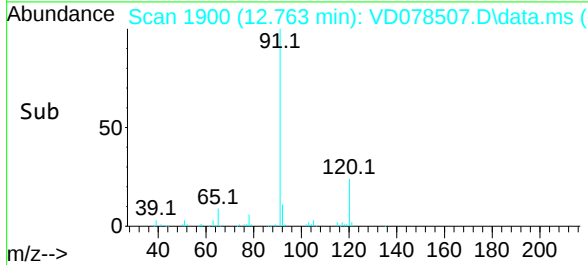
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

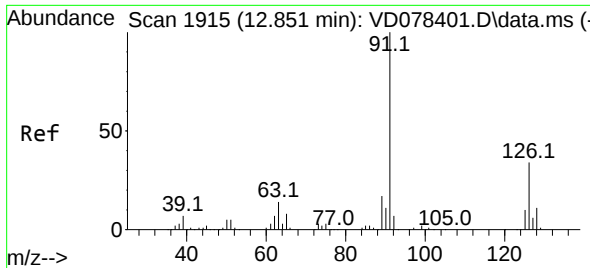


#78
n-propylbenzene
Concen: 58.774 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59



Tgt Ion: 91 Resp: 111054
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2





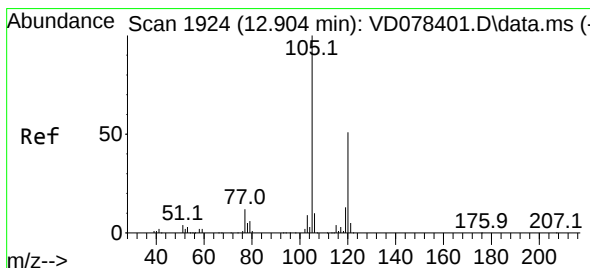
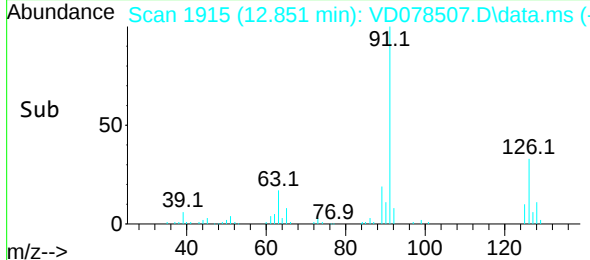
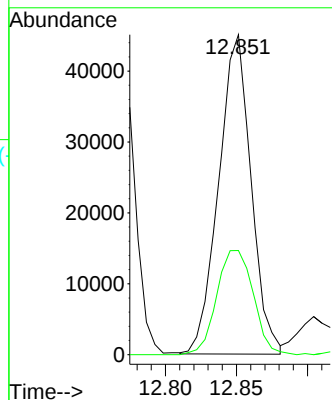
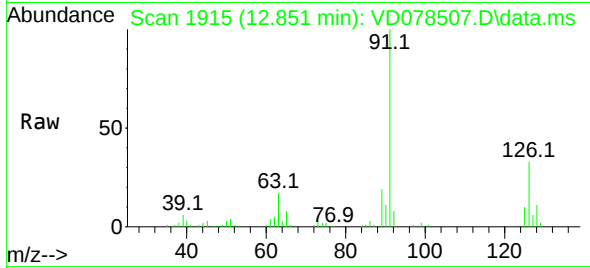
#79
2-Chlorotoluene
Concen: 70.606 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 91 Resp: 7145
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1

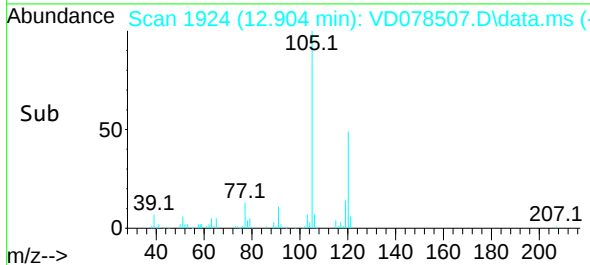
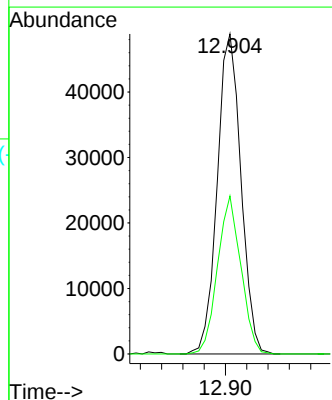
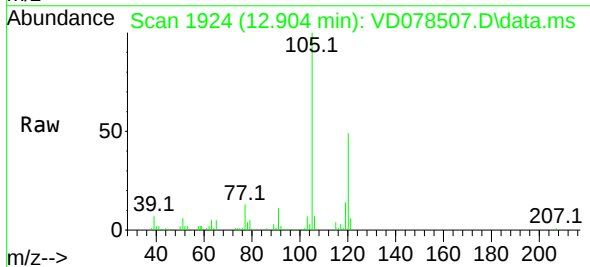
Manual Integrations
APPROVED

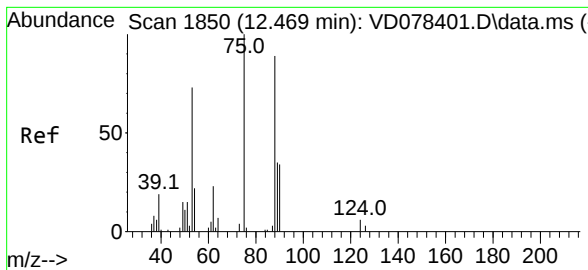
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 59.926 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

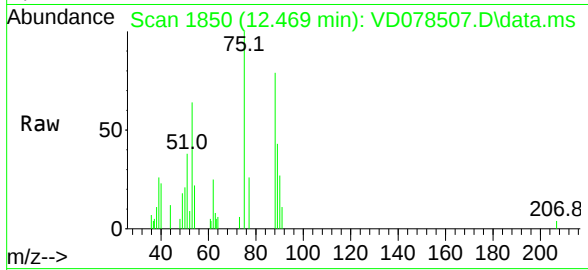
Tgt Ion:105 Resp: 75448
Ion Ratio Lower Upper
105 100
120 48.7 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 56.932 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

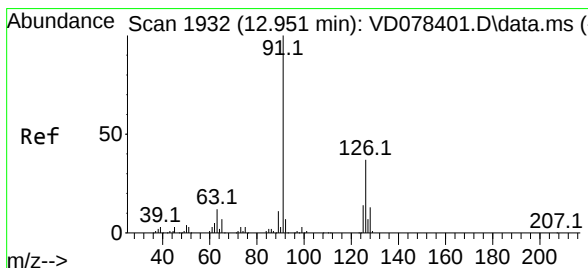
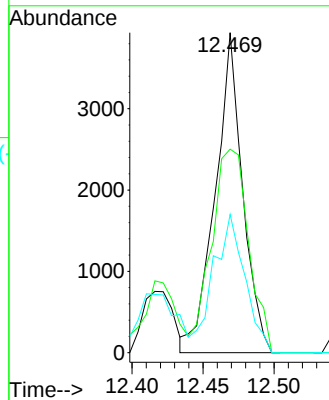
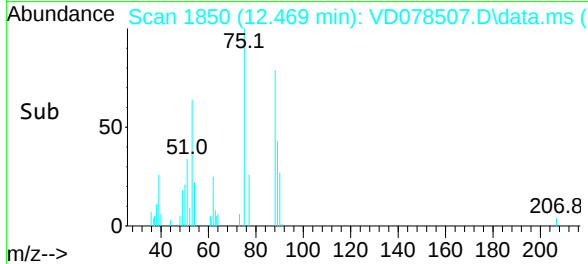
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 75 Resp: 525
Ion Ratio Lower Upper
75 100
53 86.3 63.0 94.4
89 50.0 37.9 56.9

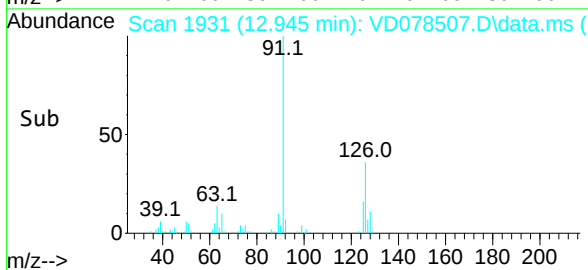
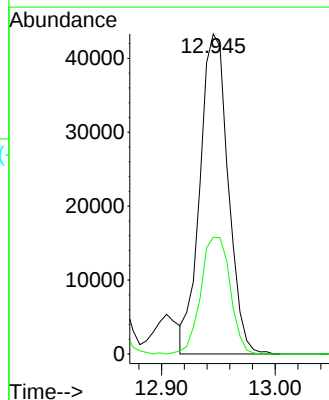
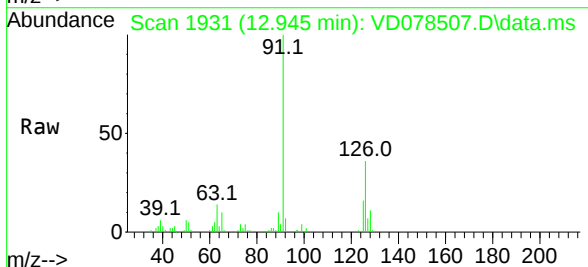
Manual Integrations
APPROVED

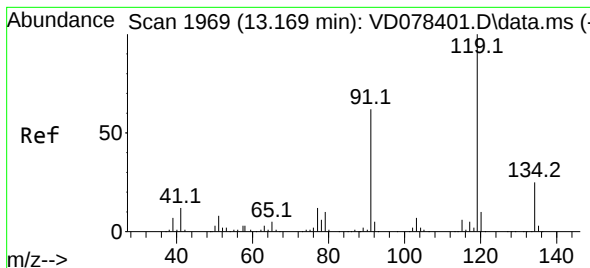
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#82
4-Chlorotoluene
Concen: 68.672 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion: 91 Resp: 74641
Ion Ratio Lower Upper
91 100
126 38.0 19.4 58.4





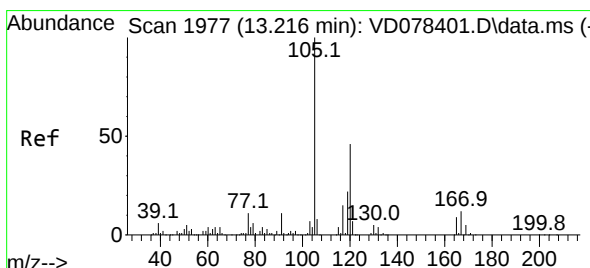
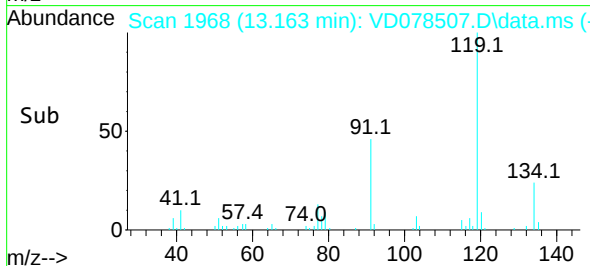
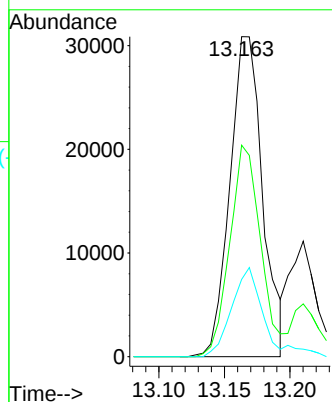
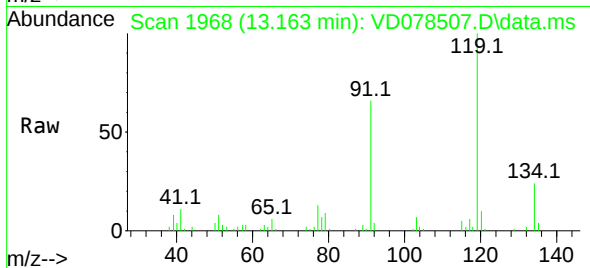
#83
tert-Butylbenzene
Concen: 50.428 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion:119 Resp: 53549
Ion Ratio Lower Upper
119 100
91 62.1 29.3 87.8
134 27.5 14.1 42.3

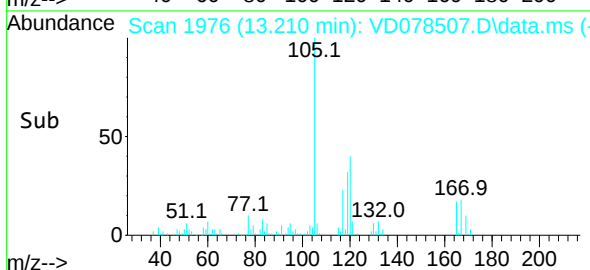
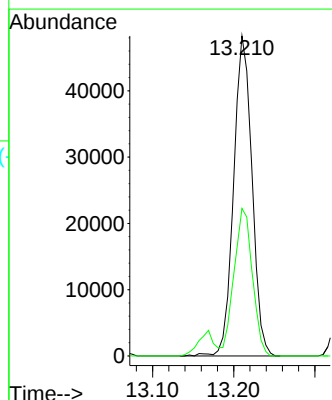
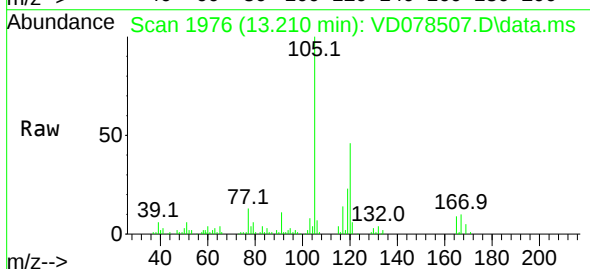
Manual Integrations
APPROVED

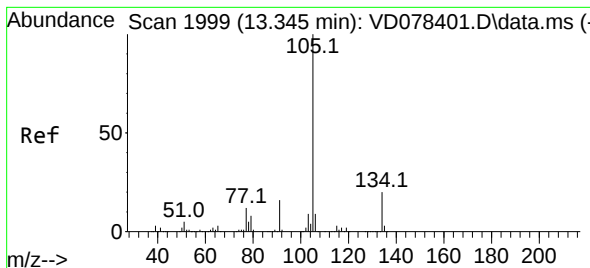
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#84
1,2,4-Trimethylbenzene
Concen: 59.304 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion:105 Resp: 75777
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 39.664 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Instrument :

MSVOA_D

ClientSampleId :

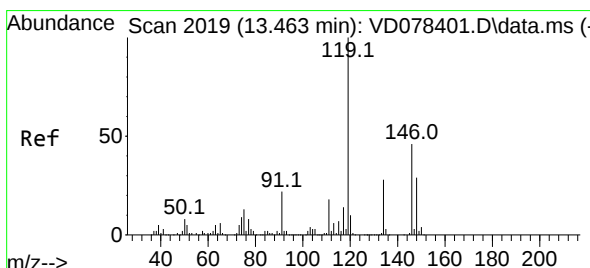
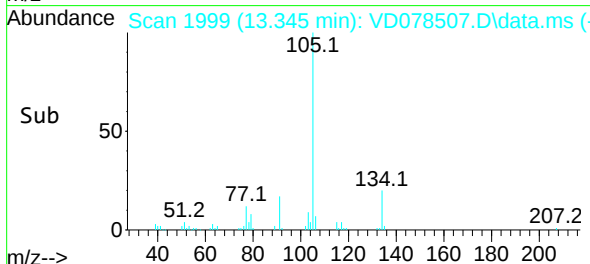
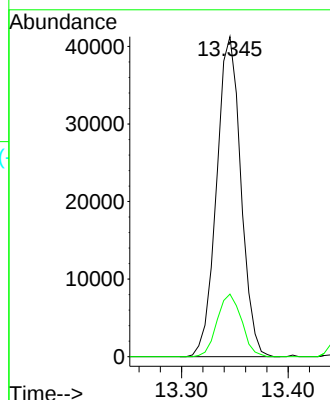
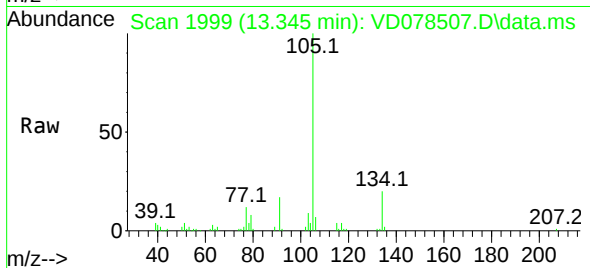
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion:105 Resp: 65314
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024



#86

p-Isopropyltoluene

Concen: 39.729 ug/l

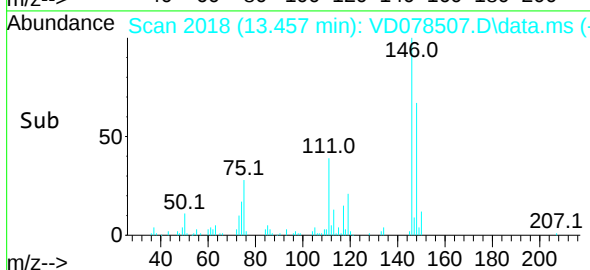
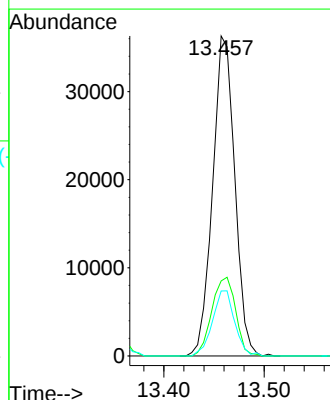
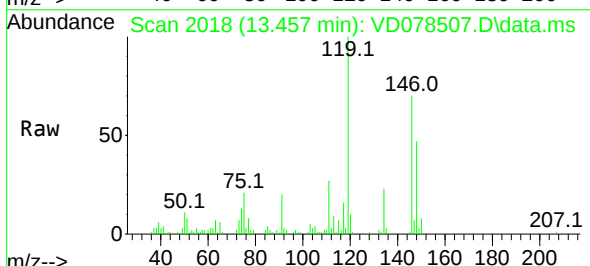
RT: 13.457 min Scan# 2018

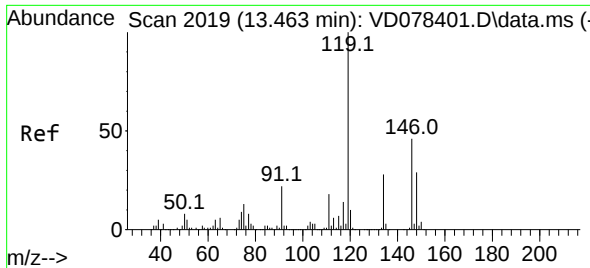
Delta R.T. -0.006 min

Lab File: VD078507.D

Acq: 21 Feb 2024 18:59

Tgt Ion:119 Resp: 55722
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 20.5 10.5 31.5





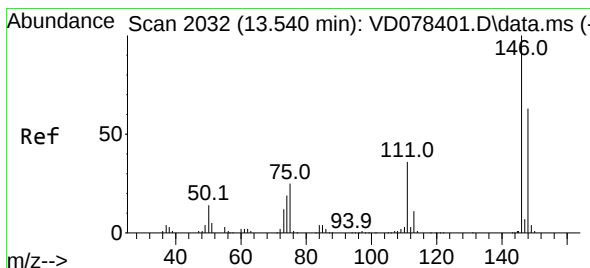
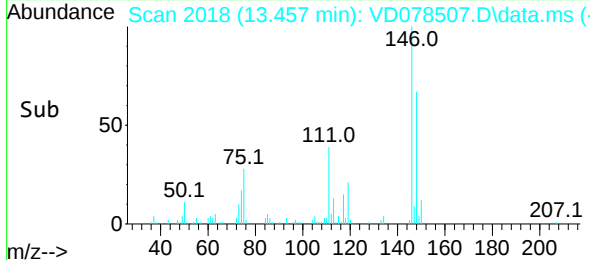
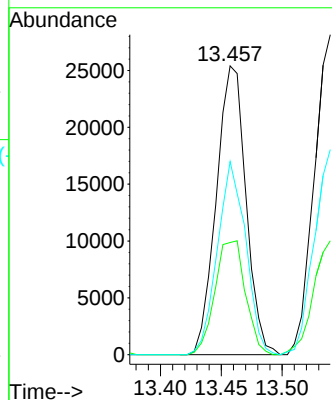
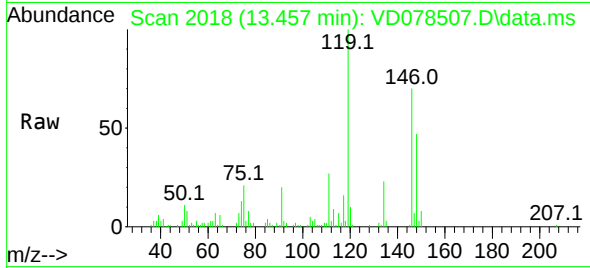
#87
1,3-Dichlorobenzene
Concen: 56.600 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion:146 Resp: 43040
Ion Ratio Lower Upper
146 100
111 40.7 17.9 53.8
148 63.8 32.3 96.8

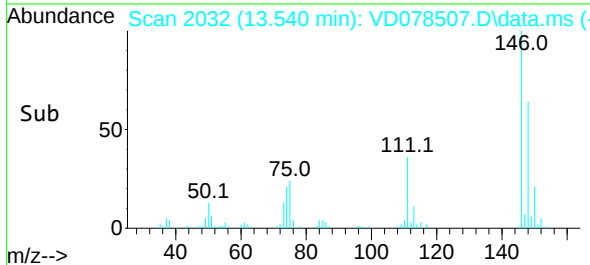
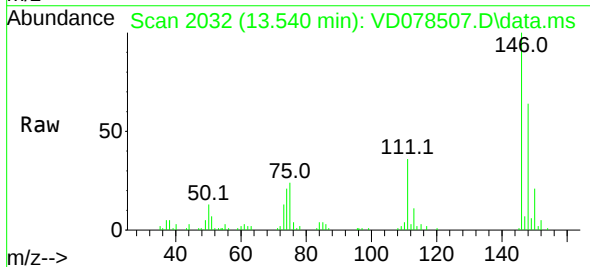
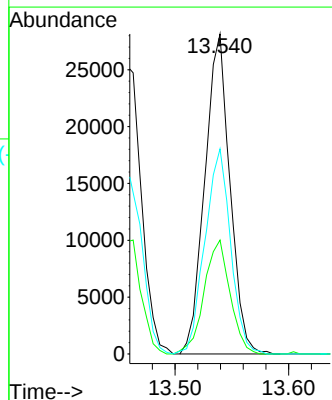
Manual Integrations
APPROVED

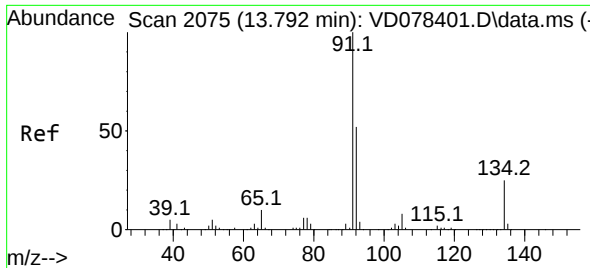
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#88
1,4-Dichlorobenzene
Concen: 57.831 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion:146 Resp: 43215
Ion Ratio Lower Upper
146 100
111 36.8 17.4 52.3
148 65.7 31.7 95.1





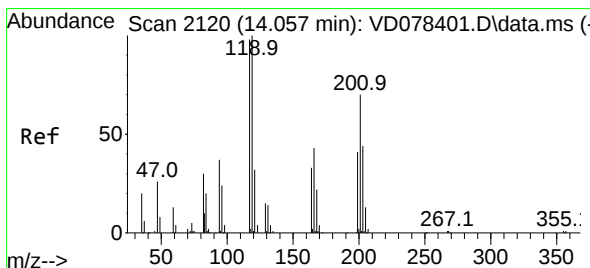
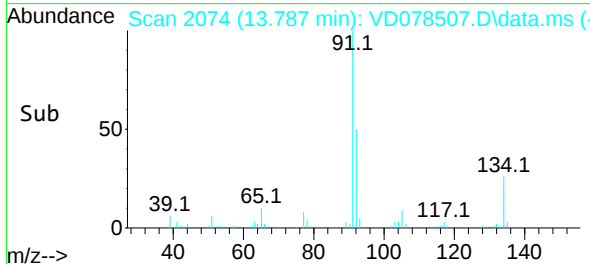
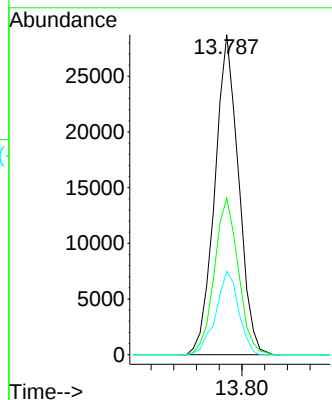
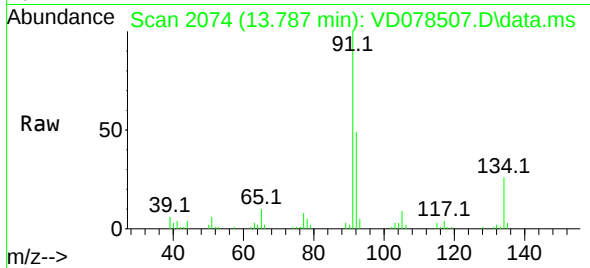
#89
n-Butylbenzene
Concen: 30.912 ug/l
RT: 13.787 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 91 Resp: 41789
Ion Ratio Lower Upper
91 100
92 49.2 26.5 79.5
134 25.0 13.8 41.3

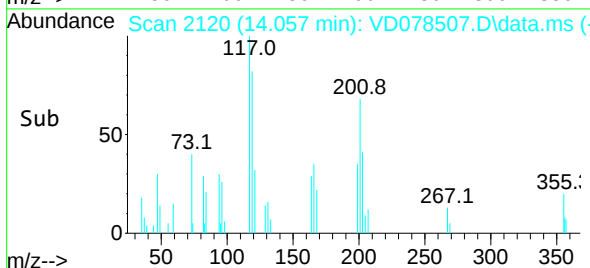
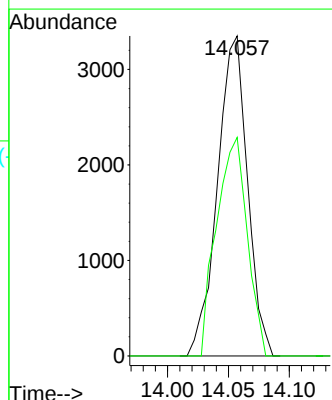
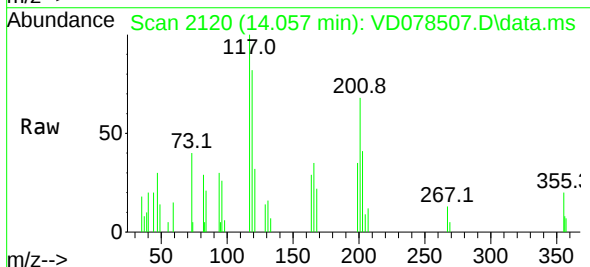
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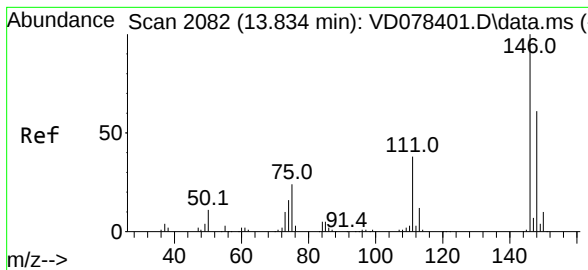
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#90
Hexachloroethane
Concen: 19.985 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion:117 Resp: 5761
Ion Ratio Lower Upper
117 100
201 69.5 38.5 115.5





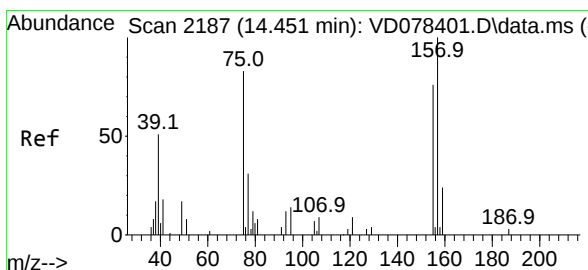
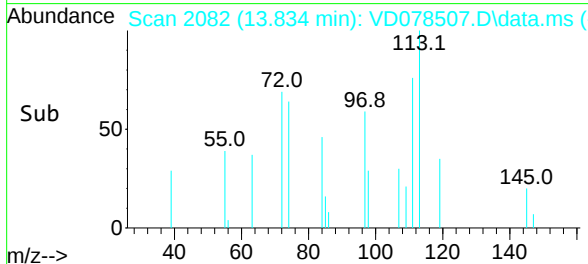
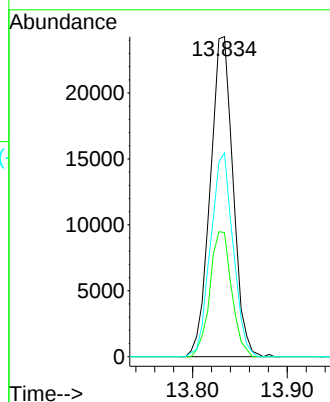
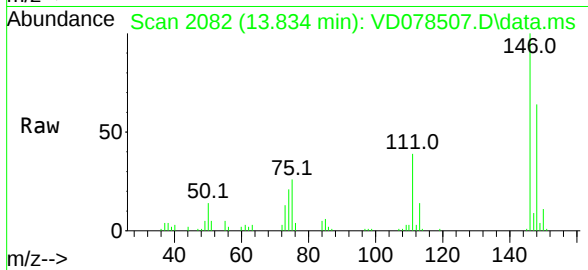
#91
1,2-Dichlorobenzene
Concen: 63.446 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M

Tgt Ion:146 Resp: 40519
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 62.9 31.6 94.7

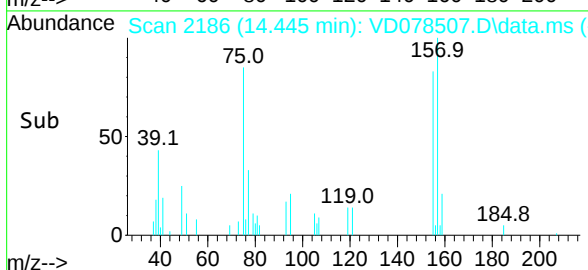
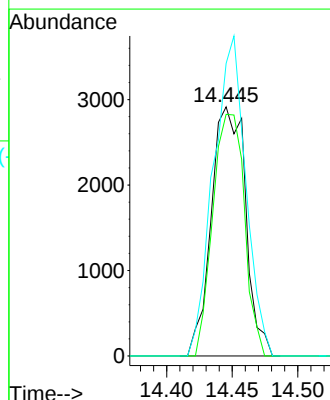
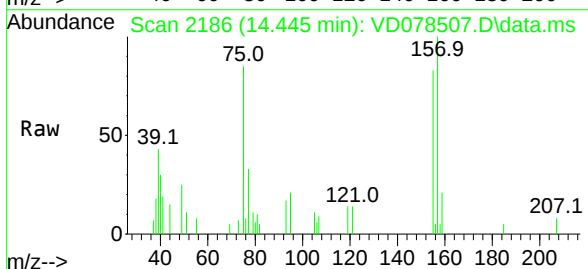
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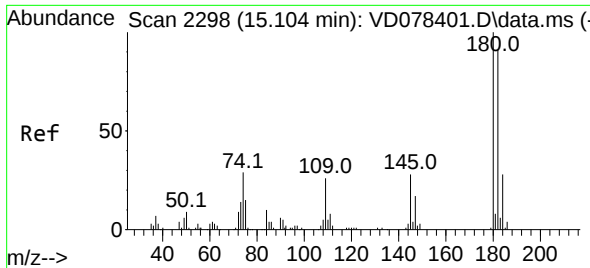
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 134.680 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

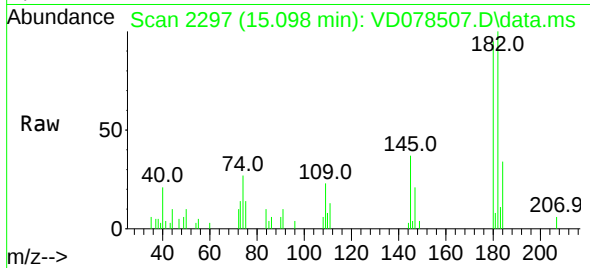
Tgt Ion: 75 Resp: 5304
Ion Ratio Lower Upper
75 100
155 89.1 47.9 143.8
157 120.6 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 26.100 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

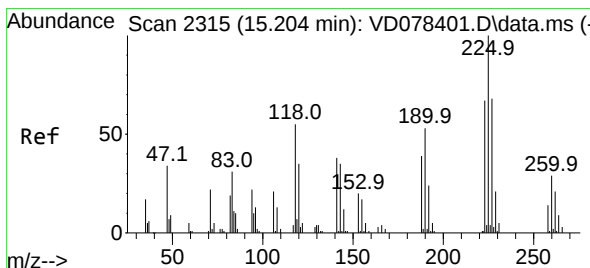
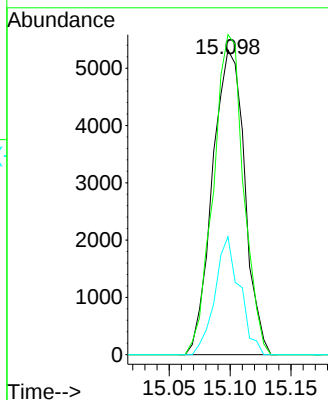
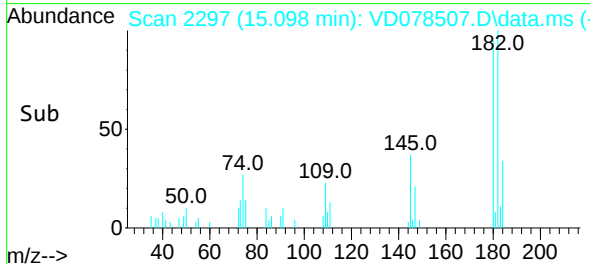
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



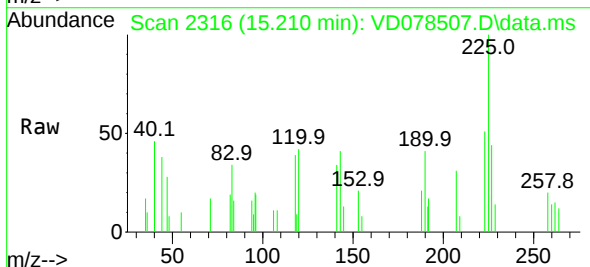
Tgt Ion:180 Resp: 9790
Ion Ratio Lower Upper
180 100
182 98.7 48.5 145.6
145 29.8 14.2 42.6

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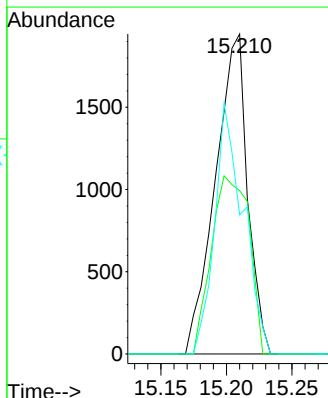
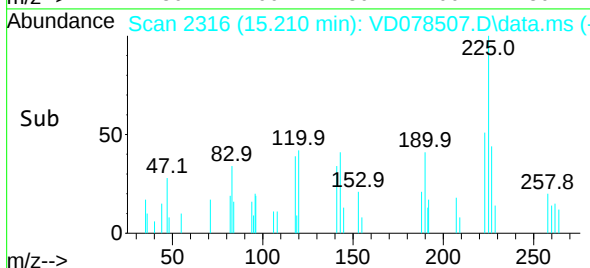
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

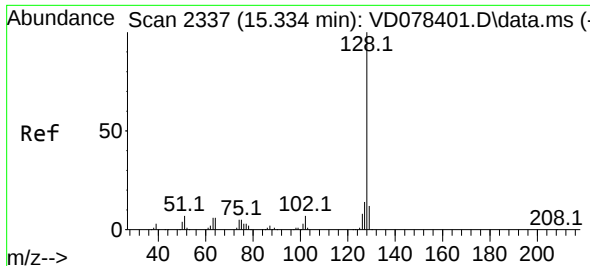


#94
Hexachlorobutadiene
Concen: 16.957 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59



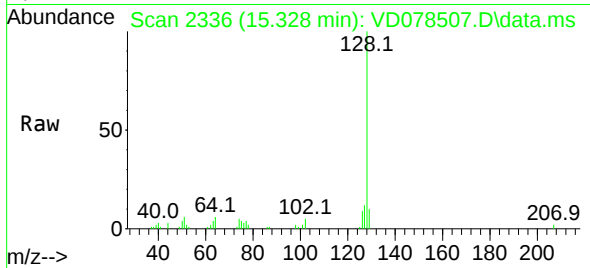
Tgt Ion:225 Resp: 3322
Ion Ratio Lower Upper
225 100
223 65.3 31.6 94.8
227 69.4 31.7 95.1





#95
Naphthalene
Concen: 50.741 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

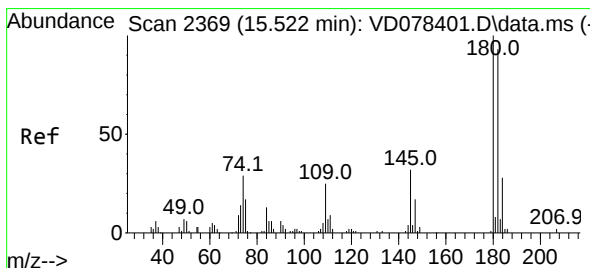
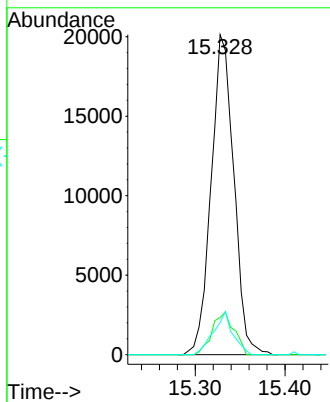
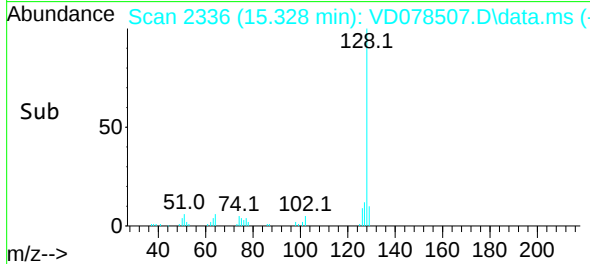
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion:128 Resp: 3532
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 10.0 8.7 13.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 27.102 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078507.D
Acq: 21 Feb 2024 18:59

Tgt Ion:180 Resp: 8621
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 31.4 15.1 45.3

