

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078506.D
 Acq On : 21 Feb 2024 18:32
 Operator : RP/MD
 Sample : P1538-07MS
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 22 00:07:06 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	7.875	168	82442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	138849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	122682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	49716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53290	59.782	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.560%			
35) Dibromofluoromethane	7.804	113	58300	66.100	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.200%			
50) Toluene-d8	10.269	98	212589	60.254	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.500%			
62) 4-Bromofluorobenzene	12.569	95	52189	50.830	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	46332	57.039	ug/l	92
3) Chloromethane	2.146	50	94408	63.242	ug/l	99
4) Vinyl Chloride	2.281	62	135146	59.329	ug/l	94
5) Bromomethane	2.687	94	76649	48.749	ug/l	99
6) Chloroethane	2.834	64	102779	61.876	ug/l	96
7) Trichlorofluoromethane	3.169	101	82567	53.733	ug/l	99
8) Diethyl Ether	3.593	74	27040	61.094	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.963	101	50513	52.108	ug/l	96
10) Methyl Iodide	4.158	142	38502	44.345	ug/l	93
11) Tert butyl alcohol	5.052	59	11997	248.280	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	48770	54.266	ug/l	90
13) Acrolein	3.799	56	3862	46.897	ug/l #	82
14) Allyl chloride	4.563	41	57095	51.425	ug/l	93
15) Acrylonitrile	5.257	53	57630	304.167	ug/l	99
16) Acetone	4.022	43	65453	405.201	ug/l	89
17) Carbon Disulfide	4.269	76	149781	49.529	ug/l	97
18) Methyl Acetate	4.563	43	65895	95.928	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	125941	65.957	ug/l	94
20) Methylene Chloride	4.805	84	69974	70.567	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	56164	53.122	ug/l	96
22) Diisopropyl ether	6.216	45	153809	62.854	ug/l	94
23) Vinyl Acetate	6.157	43	167133	161.692	ug/l	94
24) 1,1-Dichloroethane	6.110	63	105162	60.664	ug/l	98
25) 2-Butanone	7.081	43	76154	343.035	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	82197	56.562	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	70079	60.414	ug/l	97
28) Bromochloromethane	7.428	49	40266	58.645	ug/l	85
29) Tetrahydrofuran	7.446	42	42121	317.737	ug/l	94
30) Chloroform	7.599	83	112487	61.330	ug/l	97
31) Cyclohexane	7.875	56	65058	43.145	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	91454	58.483	ug/l	99
36) 1,1-Dichloropropene	8.004	75	75706	55.253	ug/l	96
37) Ethyl Acetate	7.175	43	27595	57.453	ug/l	96
38) Carbon Tetrachloride	7.999	117	64935	47.855	ug/l	85
39) Methylcyclohexane	9.269	83	58020	35.669	ug/l	95
40) Benzene	8.251	78	245739	62.050	ug/l	96

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Manual Integrations
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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	7.393	41	17822	71.298	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	67291	65.666	ug/l	96
43) Isopropyl Acetate	8.363	43	55731	62.661	ug/l	95
44) Trichloroethene	9.034	130	60952	60.327	ug/l	99
45) 1,2-Dichloropropane	9.304	63	62236	64.049	ug/l	99
46) Dibromomethane	9.398	93	34395	62.931	ug/l	92
47) Bromodichloromethane	9.581	83	77390	57.168	ug/l	99
48) Methyl methacrylate	9.381	41	32549	68.980	ug/l	84
49) 1,4-Dioxane	9.387	88	5839	986.501	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	160641	340.306	ug/l	93
52) Toluene	10.334	92	152163	60.757	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	63256	51.210	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	74551	49.773	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	51318	69.723	ug/l	92
56) Ethyl methacrylate	10.598	69	36262	53.270	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	82092	65.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	136551	340.548	ug/l	95
59) 2-Hexanone	10.922	43	114731	323.413	ug/l	90
60) Dibromochloromethane	11.075	129	52481	59.262	ug/l	98
61) 1,2-Dibromoethane	11.181	107	43680	63.213	ug/l	100
64) Tetrachloroethene	10.810	164	51465	66.415	ug/l	90
65) Chlorobenzene	11.604	112	146357	59.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	54689	60.337	ug/l	99
67) Ethyl Benzene	11.681	91	250435	56.670	ug/l	98
68) m/p-Xylenes	11.792	106	198367	115.078	ug/l	94
69) o-Xylene	12.122	106	90799	57.722	ug/l	92
70) Styrene	12.134	104	127838	49.795	ug/l	95
71) Bromoform	12.298	173	27981	58.652	ug/l #	99
73) Isopropylbenzene	12.422	105	211226	63.272	ug/l	95
74) N-amyl acetate	12.234	43	36823	58.305	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	54926	82.942	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	34073m	80.728	ug/l	
77) Bromobenzene	12.698	156	54841	69.900	ug/l	89
78) n-propylbenzene	12.763	91	235037	56.496	ug/l	95
79) 2-Chlorotoluene	12.845	91	133507	59.916	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	158241	57.084	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	10207	50.204	ug/l	95
82) 4-Chlorotoluene	12.945	91	143294	59.877	ug/l	97
83) tert-Butylbenzene	13.163	119	122512	52.404	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	163455	58.100	ug/l	97
85) sec-Butylbenzene	13.345	105	152923	42.178	ug/l	95
86) p-Isopropyltoluene	13.457	119	136539	44.214	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	89588	53.501	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	90650	55.096	ug/l	98
89) n-Butylbenzene	13.786	91	102005	34.270	ug/l	96
90) Hexachloroethane	14.051	117	21925	34.543	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	79880	56.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	6397	73.774	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	27166	32.873	ug/l	95
94) Hexachlorobutadiene	15.198	225	6231	14.446	ug/l	94
95) Naphthalene	15.333	128	73359	47.861	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	22530	32.169	ug/l	95

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

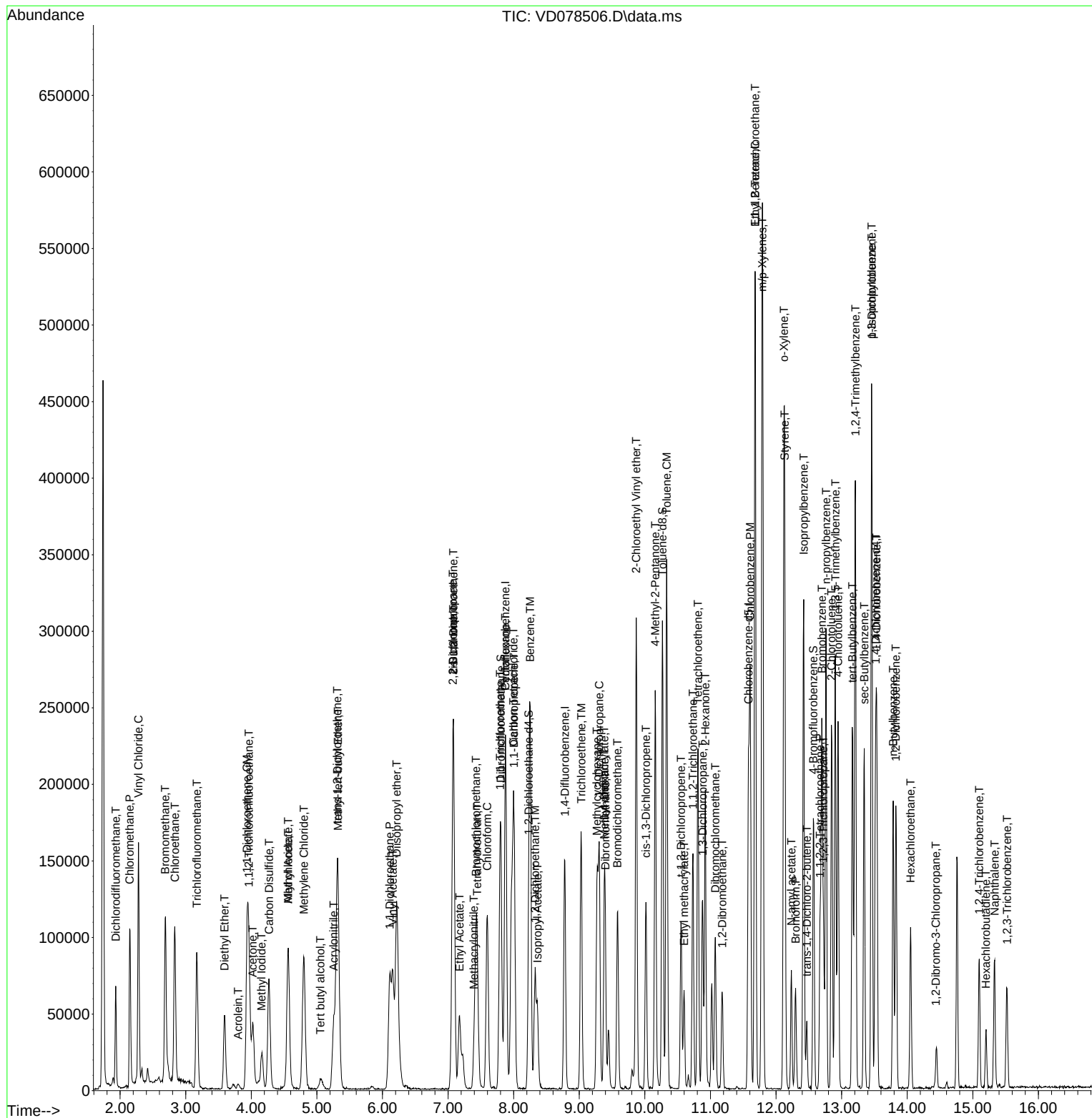
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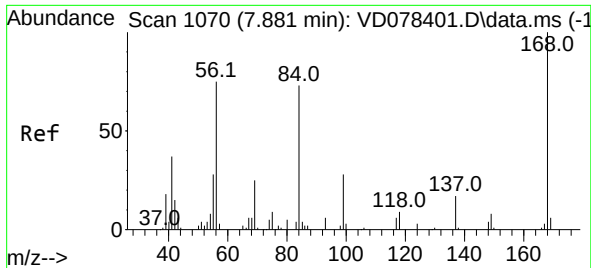
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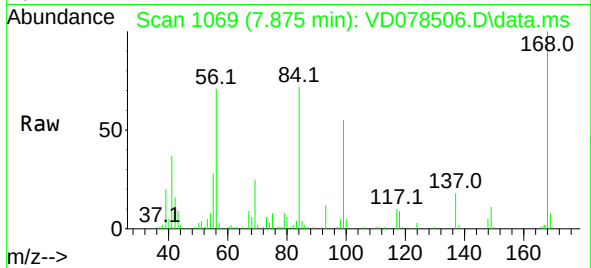
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
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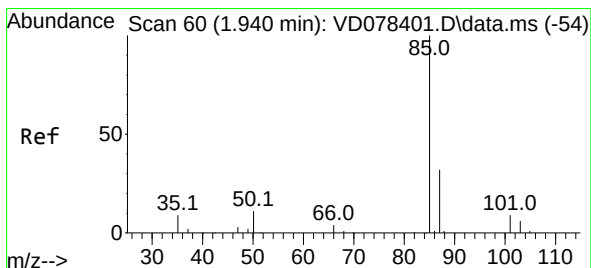
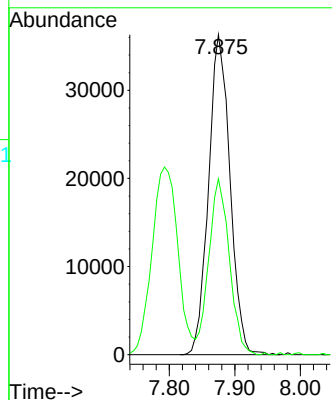
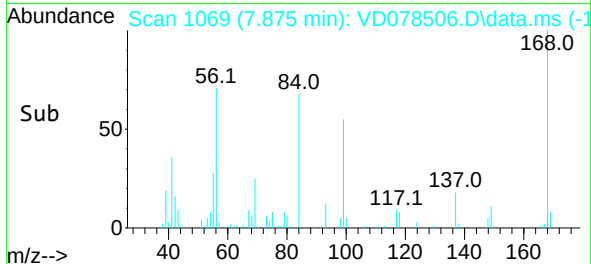
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion:168 Resp: 8244
Ion Ratio Lower Upper
168 100
99 54.3 36.7 55.1

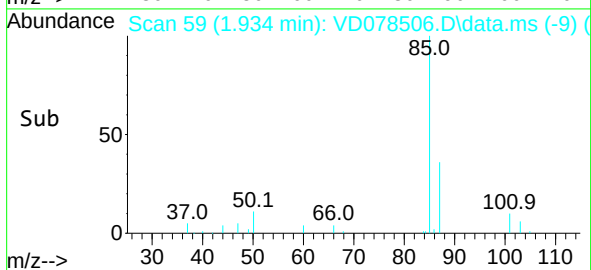
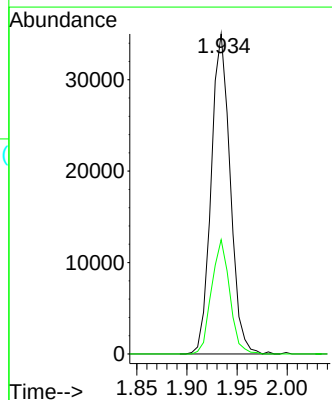
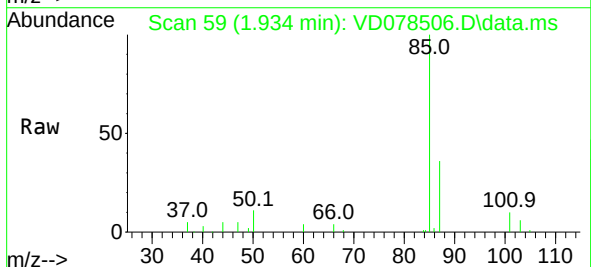
Manual Integrations
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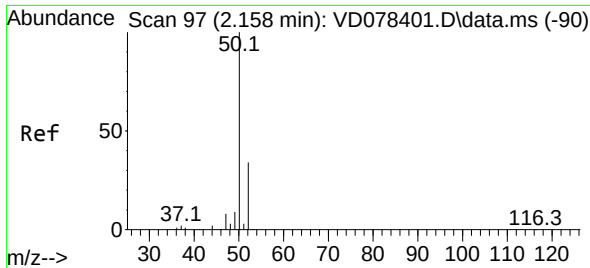
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#2
Dichlorodifluoromethane
Concen: 57.039 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

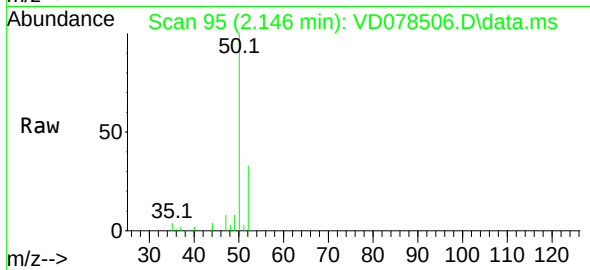
Tgt Ion: 85 Resp: 46332
Ion Ratio Lower Upper
85 100
87 35.7 15.7 47.0





#3
Chloromethane
Concen: 63.242 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

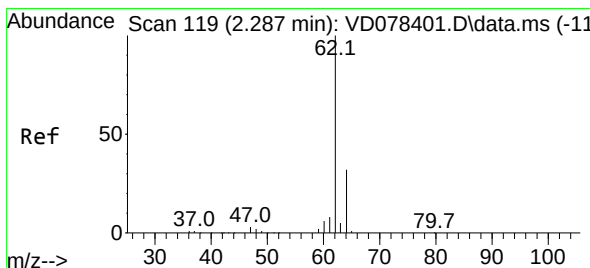
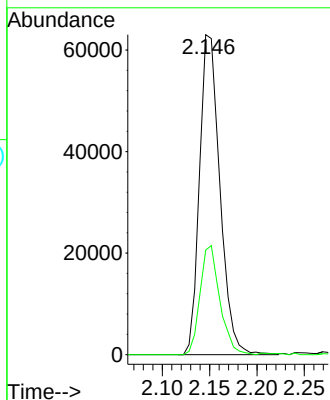
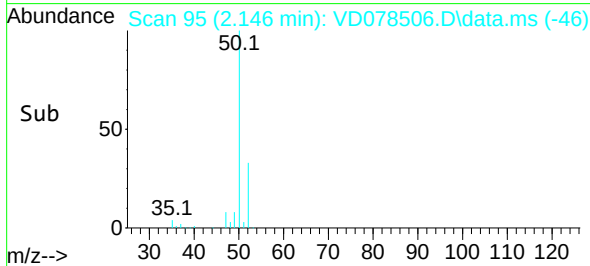
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Tgt Ion: 50 Resp: 94408
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0

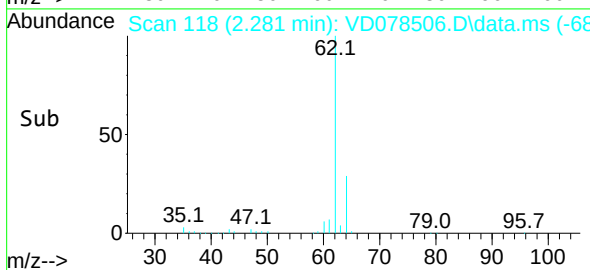
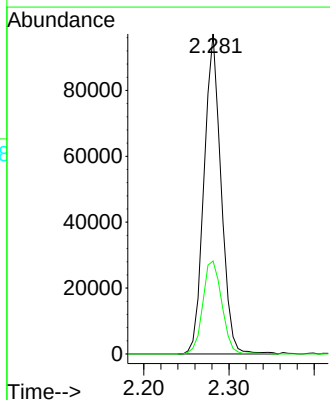
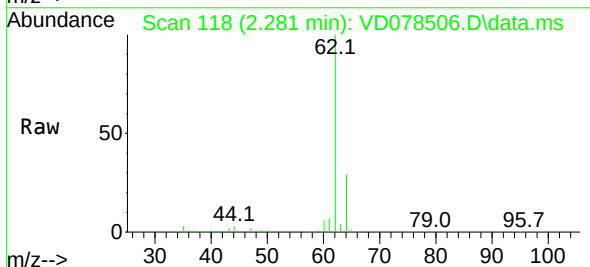
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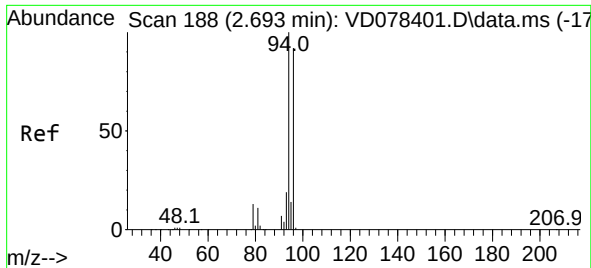
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#4
Vinyl Chloride
Concen: 59.329 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

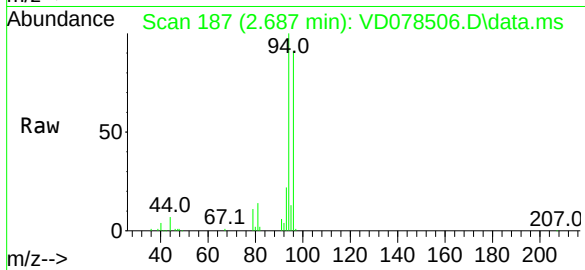
Tgt Ion: 62 Resp: 135146
Ion Ratio Lower Upper
62 100
64 29.0 26.0 39.0





#5
Bromomethane
Concen: 48.749 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

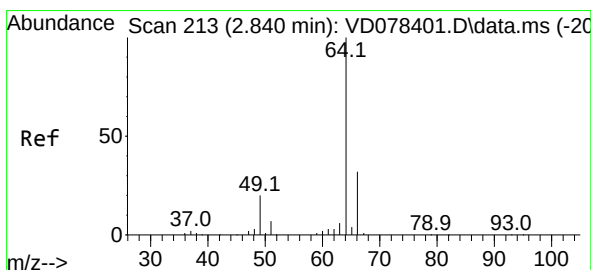
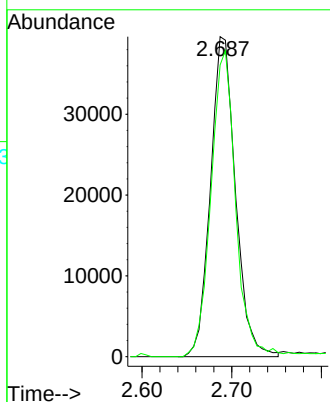
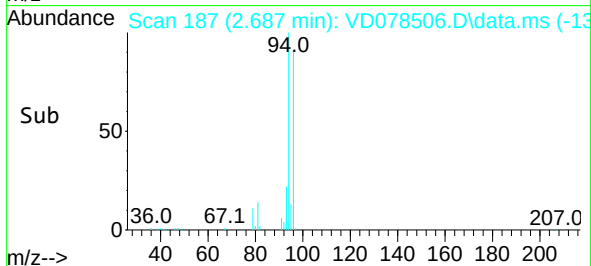
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Tgt Ion: 94 Resp: 76649
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8

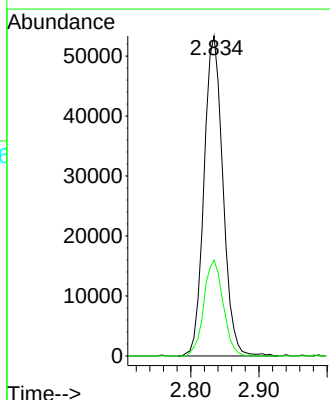
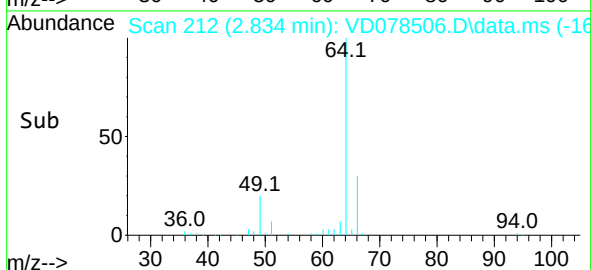
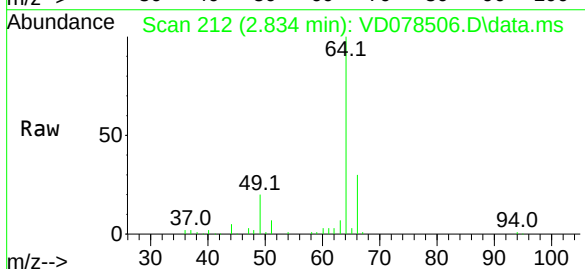
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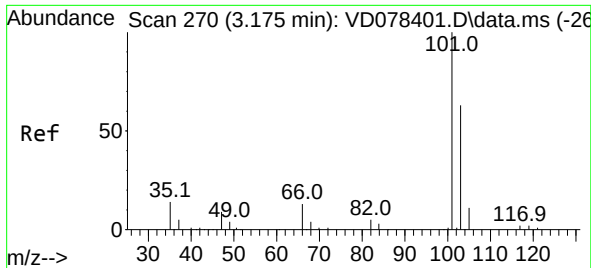
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#6
Chloroethane
Concen: 61.876 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

Tgt Ion: 64 Resp: 102779
Ion Ratio Lower Upper
64 100
66 29.9 25.5 38.3





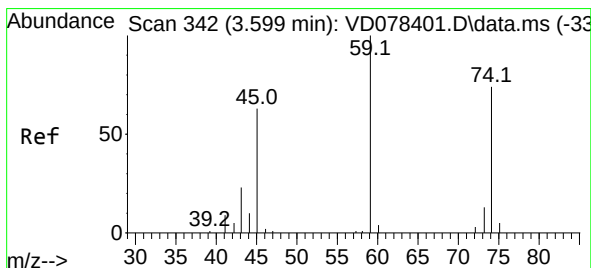
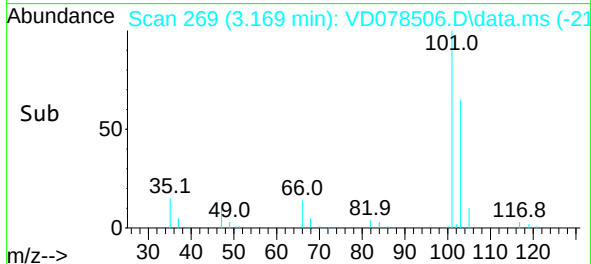
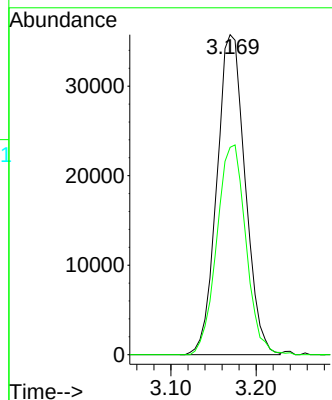
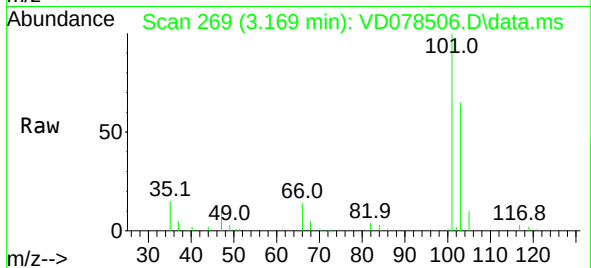
#7
Trichlorofluoromethane
Concen: 53.733 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078506.D
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Tgt Ion:101 Resp: 8256
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

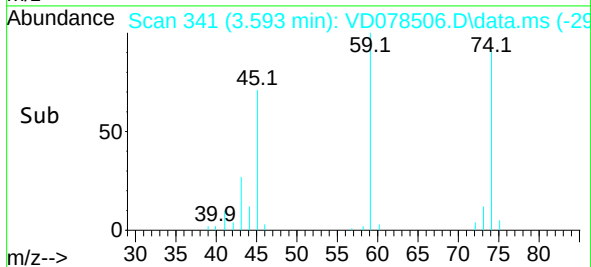
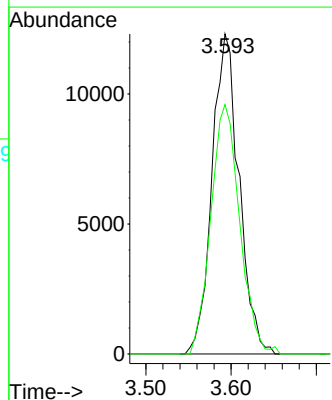
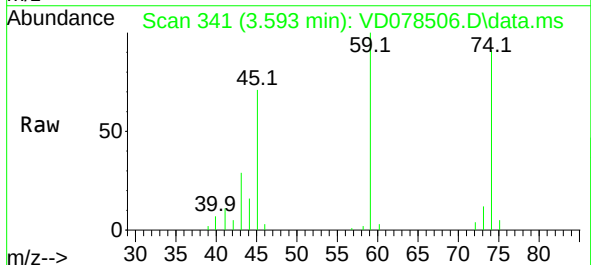
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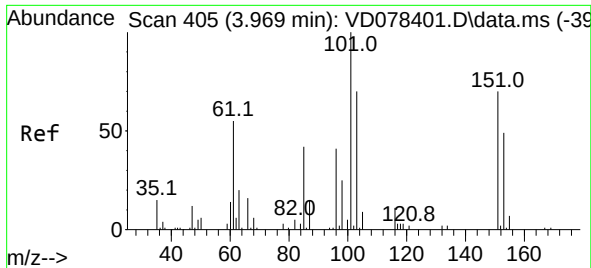
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#8
Diethyl Ether
Concen: 61.094 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

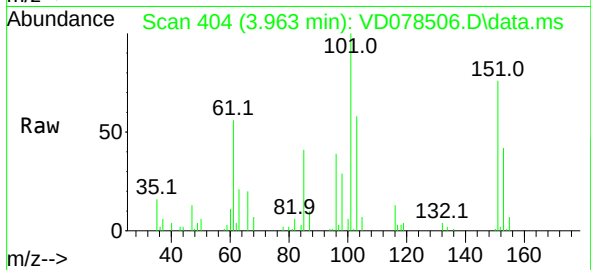
Tgt Ion: 74 Resp: 27040
Ion Ratio Lower Upper
74 100
45 83.4 37.5 112.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.108 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

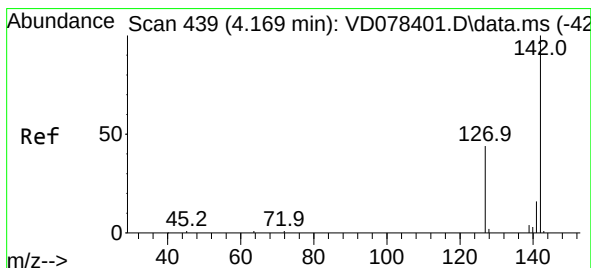
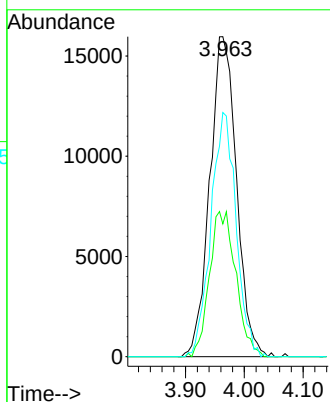
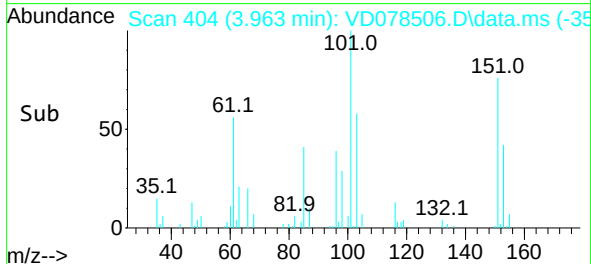
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



Tgt Ion:101 Resp: 5051
Ion Ratio Lower Upper
101 100
85 44.8 33.8 50.6
151 71.9 59.8 89.6

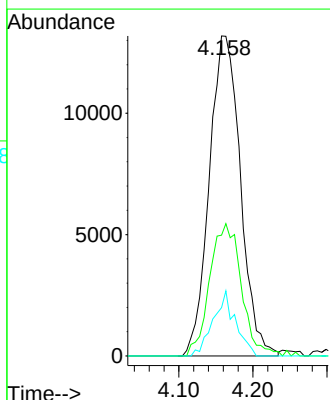
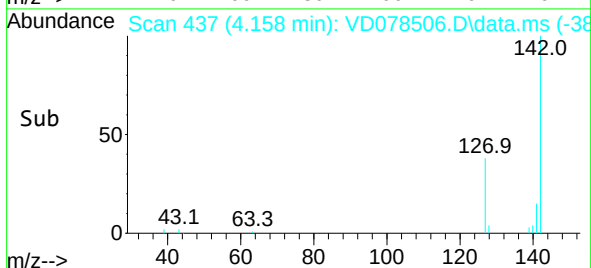
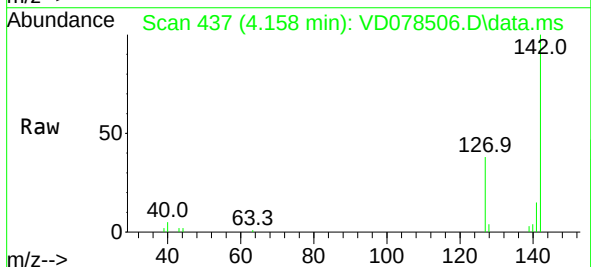
Manual Integrations
APPROVED

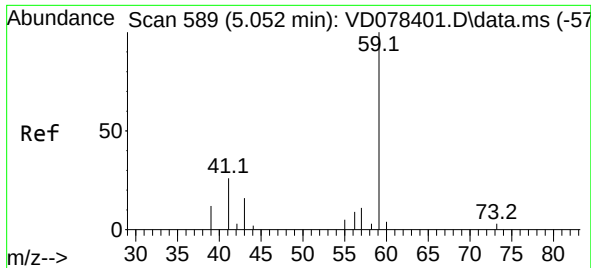
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#10
Methyl Iodide
Concen: 44.345 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

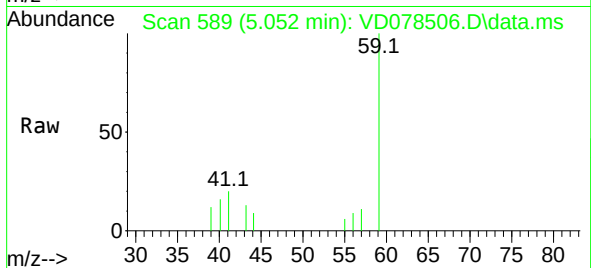
Tgt Ion:142 Resp: 38502
Ion Ratio Lower Upper
142 100
127 41.9 29.4 44.0
141 14.6 11.1 16.7





#11
Tert butyl alcohol
Concen: 248.280 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

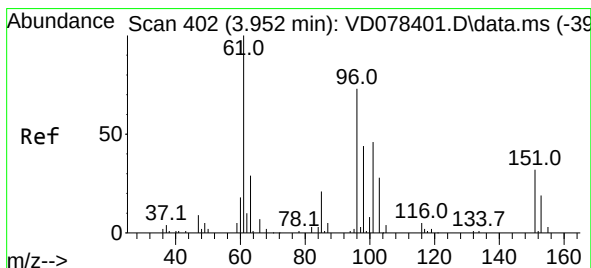
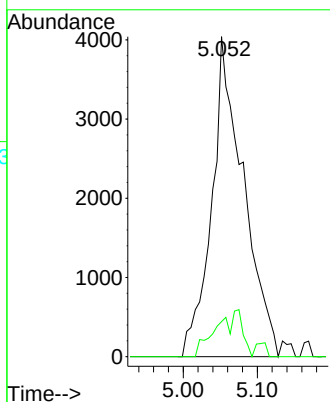
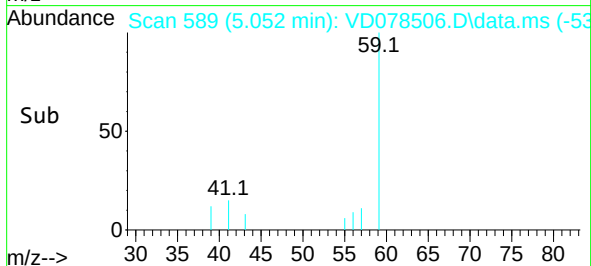
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



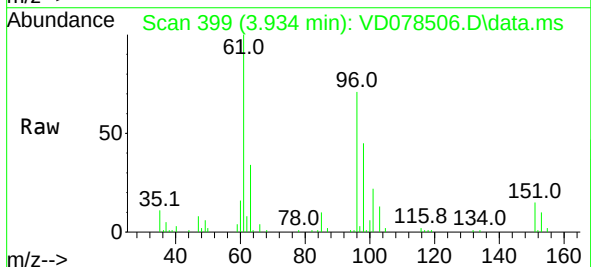
Tgt Ion: 59 Resp: 1199
Ion Ratio Lower Upper
59 100
57 7.5 7.8 11.8

Manual Integrations
APPROVED

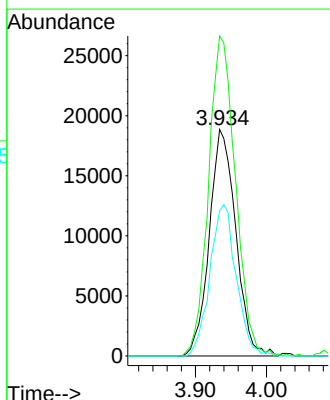
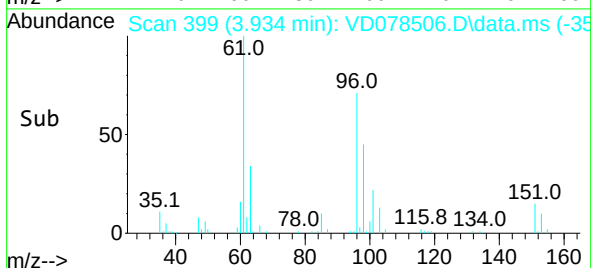
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

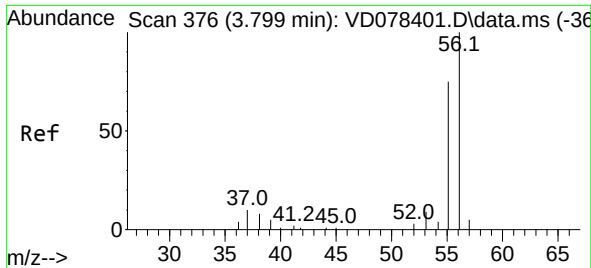


#12
1,1-Dichloroethene
Concen: 54.266 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32



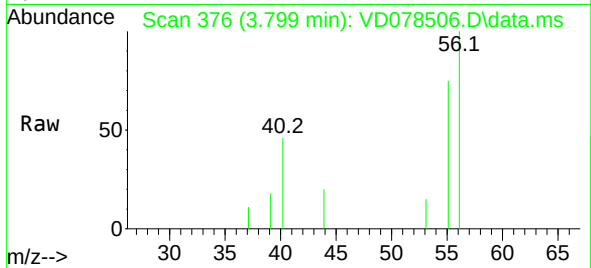
Tgt Ion: 96 Resp: 48770
Ion Ratio Lower Upper
96 100
61 141.3 100.6 150.8
98 64.1 50.2 75.2





#13
Acrolein
Concen: 46.897 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

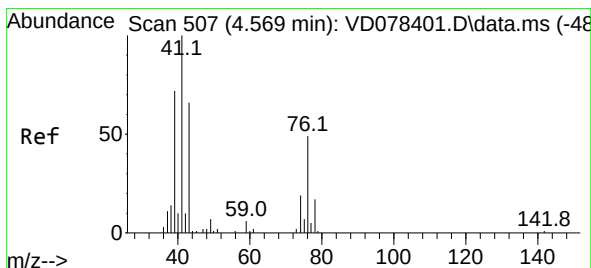
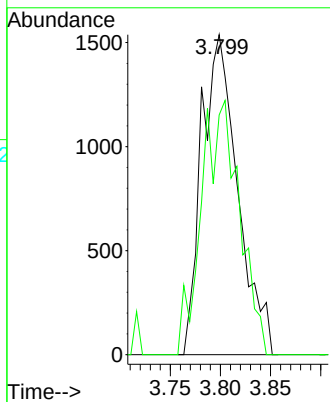
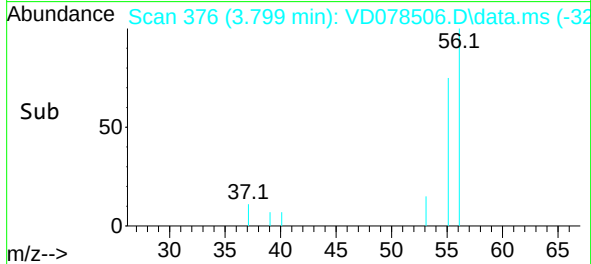
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 56 Resp: 3862
Ion Ratio Lower Upper
56 100
55 83.7 55.1 82.7

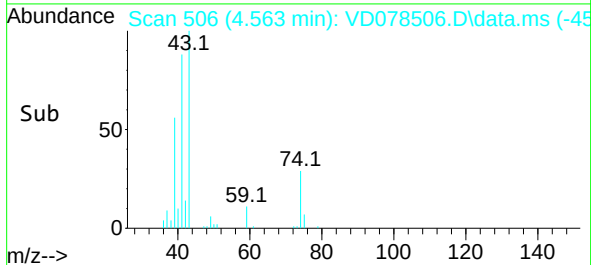
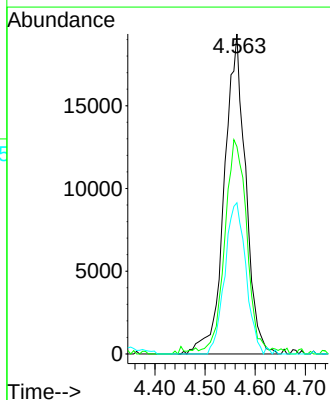
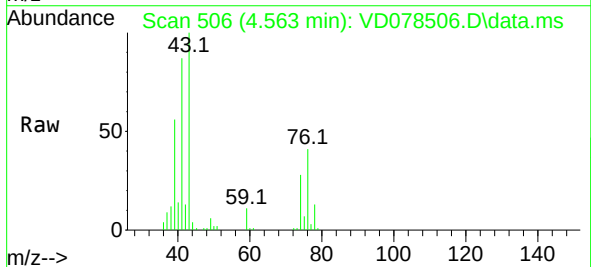
Manual Integrations
APPROVED

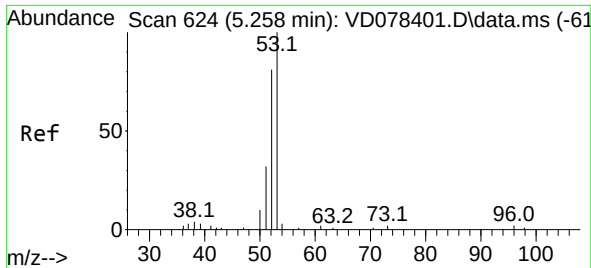
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#14
Allyl chloride
Concen: 51.425 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

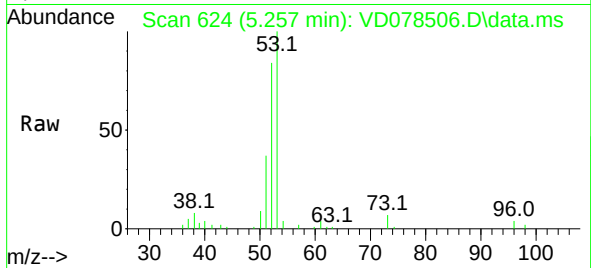
Tgt Ion: 41 Resp: 57095
Ion Ratio Lower Upper
41 100
39 66.3 53.8 80.6
76 46.6 45.8 68.8





#15
Acrylonitrile
Concen: 304.167 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

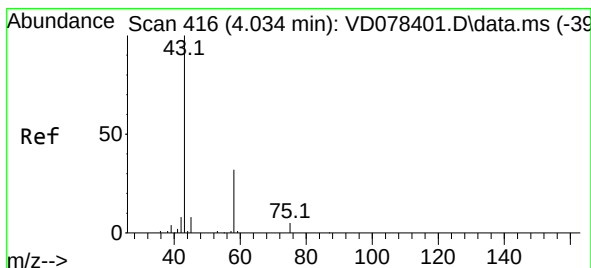
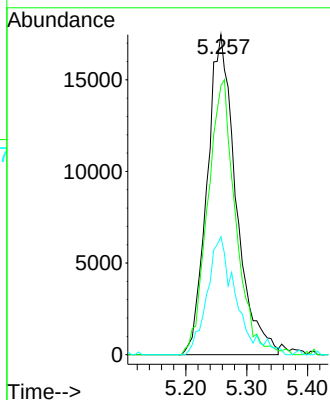
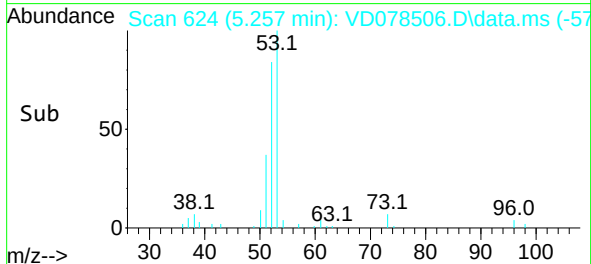
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 53 Resp: 57630
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 35.4 28.3 42.5

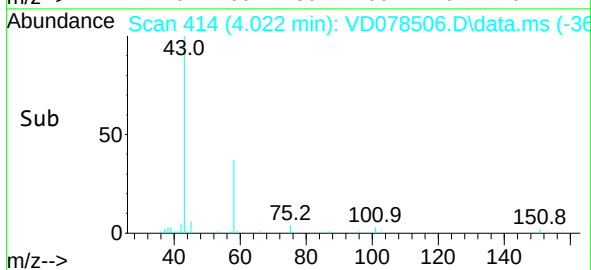
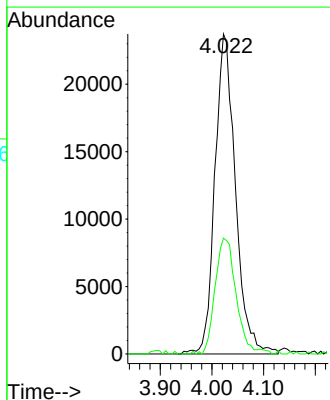
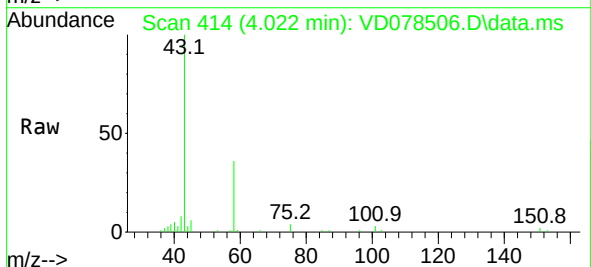
Manual Integrations
APPROVED

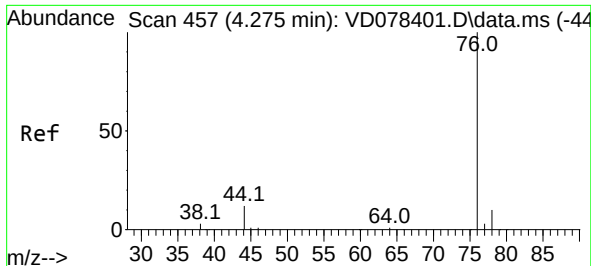
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#16
Acetone
Concen: 405.201 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

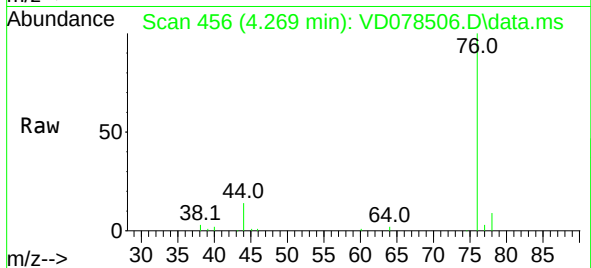
Tgt Ion: 43 Resp: 65453
Ion Ratio Lower Upper
43 100
58 36.2 34.7 52.1





#17
Carbon Disulfide
Concen: 49.529 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

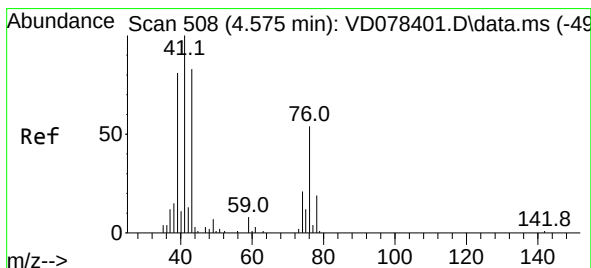
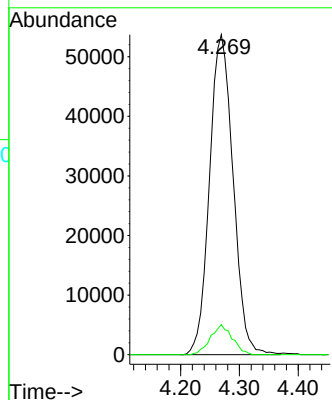
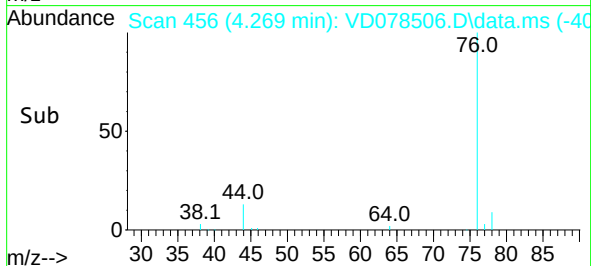
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 76 Resp: 14978
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

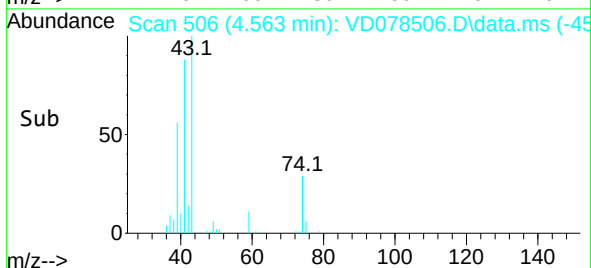
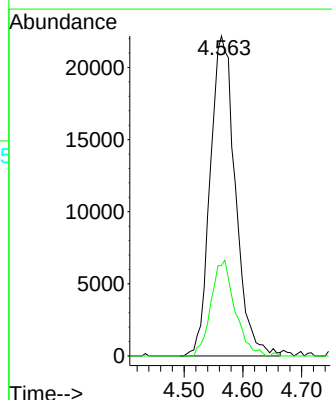
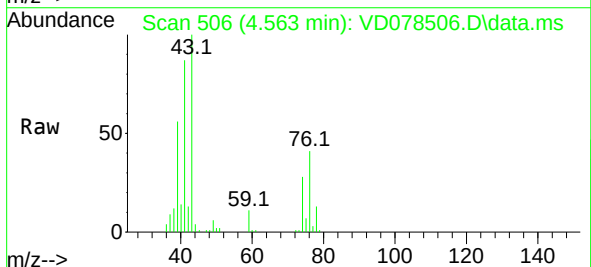
Manual Integrations
APPROVED

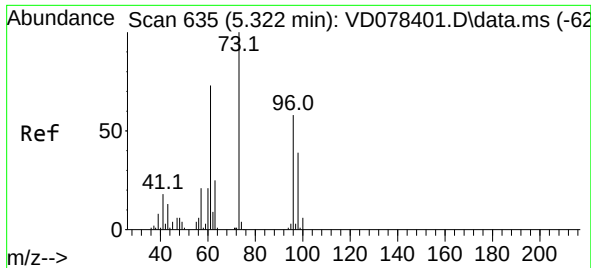
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#18
Methyl Acetate
Concen: 95.928 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

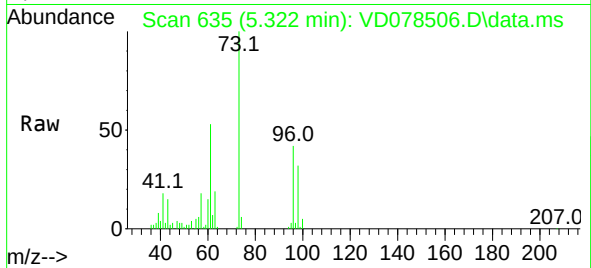
Tgt Ion: 43 Resp: 65895
Ion Ratio Lower Upper
43 100
74 28.4 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 65.957 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

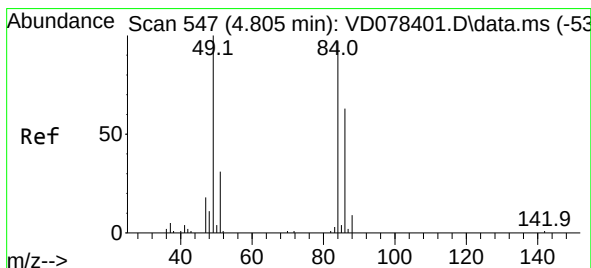
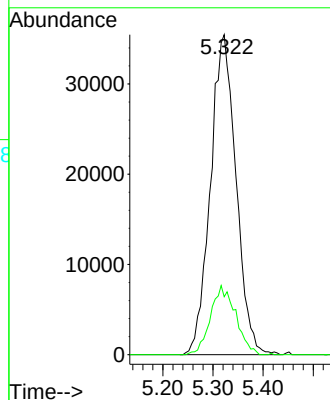
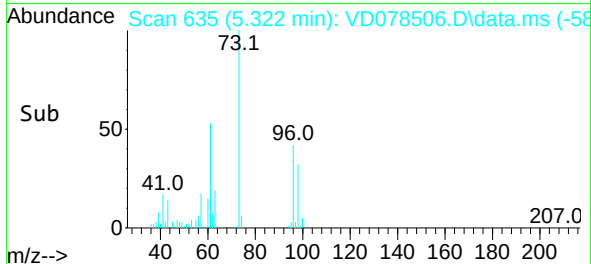
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 73 Resp: 12594
Ion Ratio Lower Upper
73 100
57 18.1 16.6 25.0

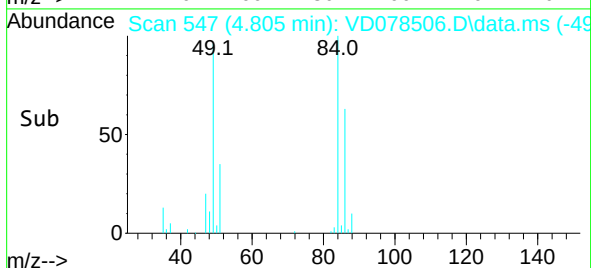
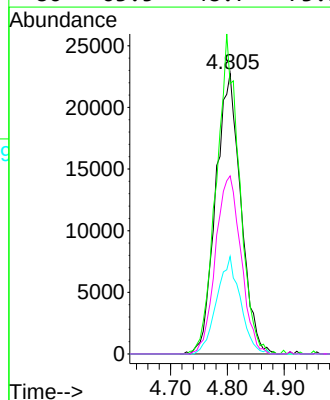
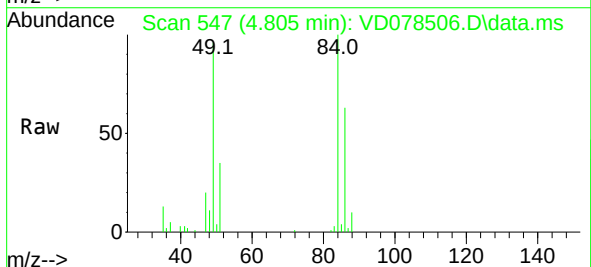
Manual Integrations
APPROVED

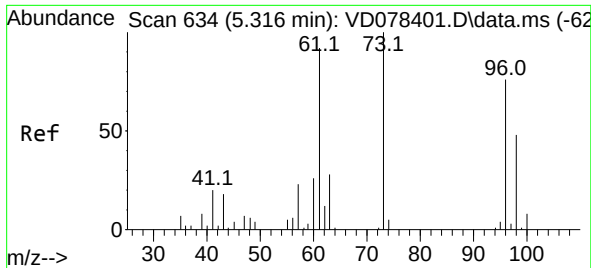
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#20
Methylene Chloride
Concen: 70.567 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

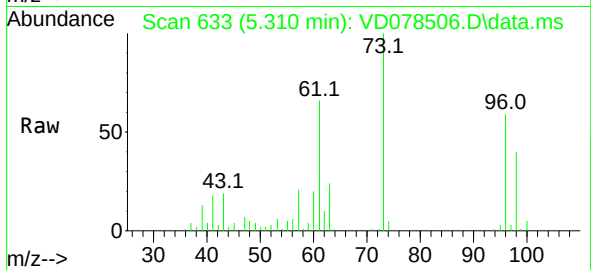
Tgt Ion: 84 Resp: 69974
Ion Ratio Lower Upper
84 100
49 96.3 71.4 107.2
51 34.7 24.5 36.7
86 63.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 53.122 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

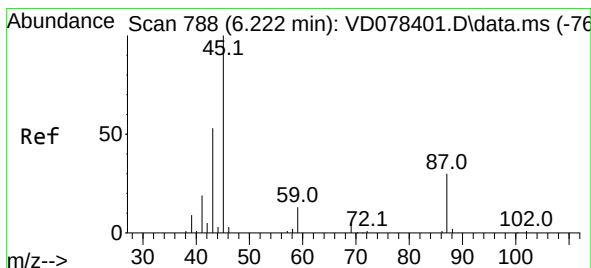
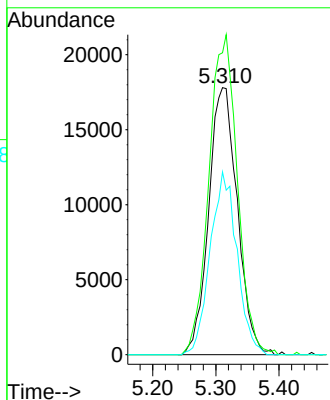
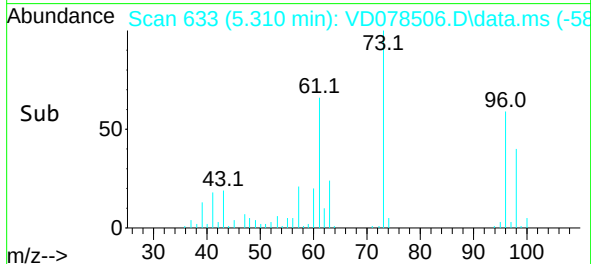
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



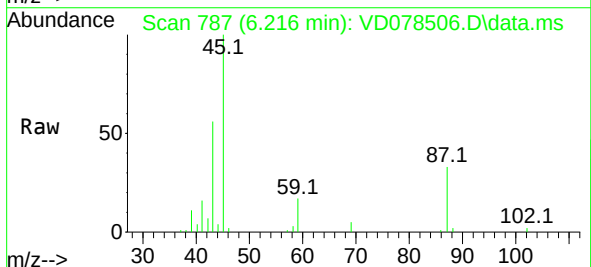
Tgt Ion: 96 Resp: 56164
Ion Ratio Lower Upper
96 100
61 113.1 89.3 133.9
98 68.4 48.6 73.0

Manual Integrations
APPROVED

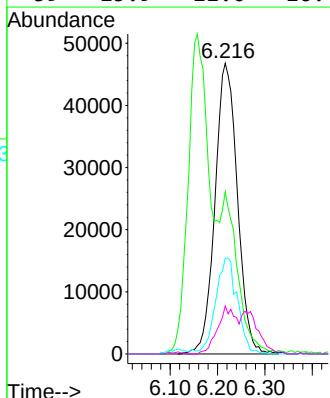
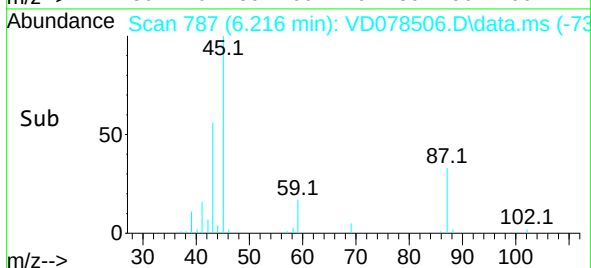
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

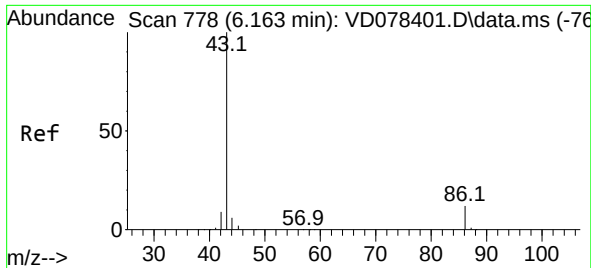


#22
Diisopropyl ether
Concen: 62.854 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32



Tgt Ion: 45 Resp: 153809
Ion Ratio Lower Upper
45 100
43 54.7 40.0 60.0
87 33.0 28.2 42.4
59 15.9 11.0 16.4





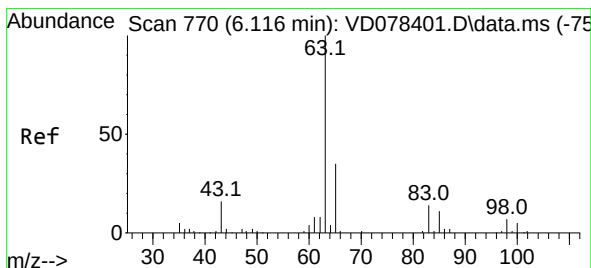
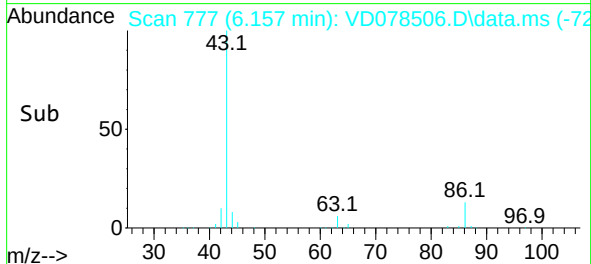
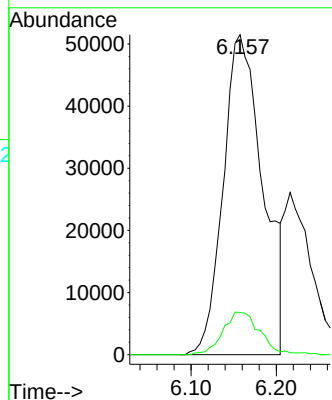
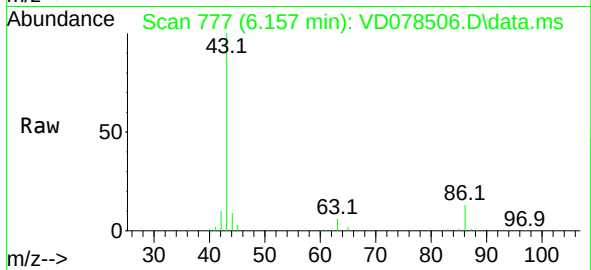
#23
Vinyl Acetate
Concen: 161.692 ug/l
RT: 6.157 min Scan# 711
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

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

Tgt Ion: 43 Resp: 167133
Ion Ratio Lower Upper
43 100
86 13.2 12.5 18.7

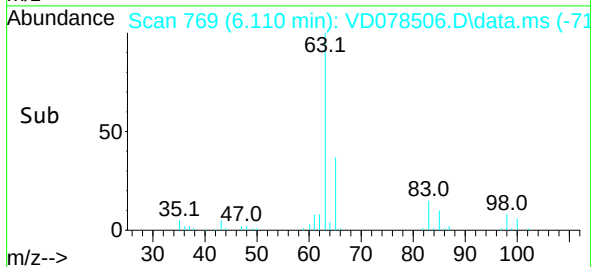
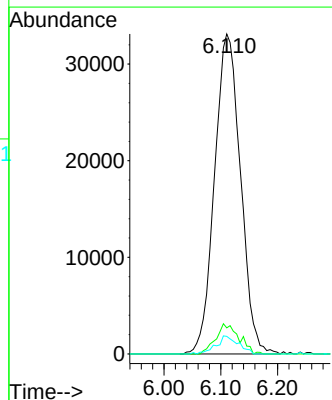
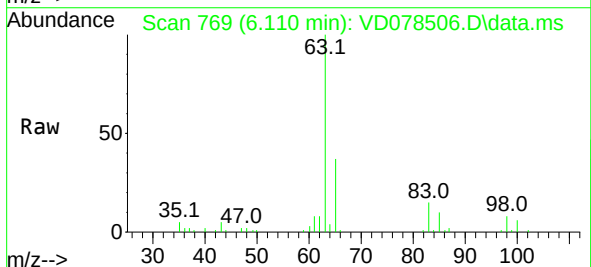
Manual Integrations
APPROVED

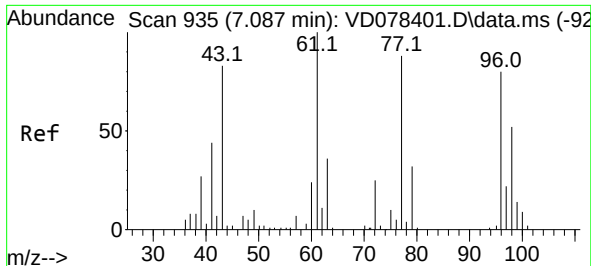
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#24
1,1-Dichloroethane
Concen: 60.664 ug/l
RT: 6.110 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

Tgt Ion: 63 Resp: 105162
Ion Ratio Lower Upper
63 100
98 8.2 4.5 13.7
100 5.5 2.5 7.5





#25

2-Butanone

Concen: 343.035 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion: 43 Resp: 76154

Ion Ratio Lower Upper

43 100

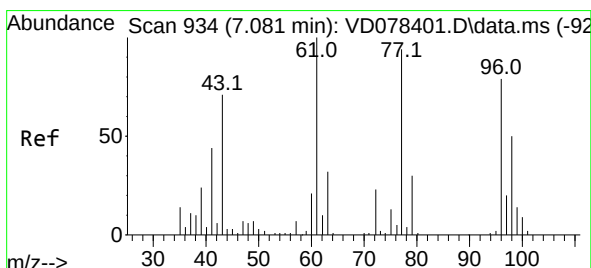
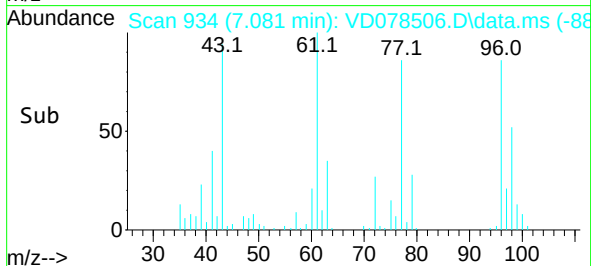
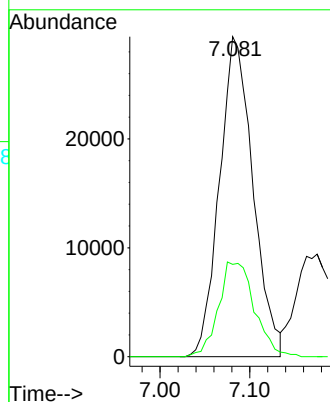
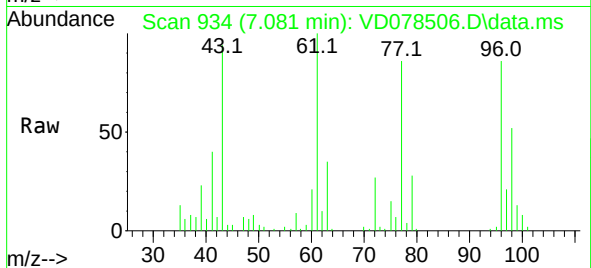
72 28.8 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#26

2,2-Dichloropropane

Concen: 56.562 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078506.D

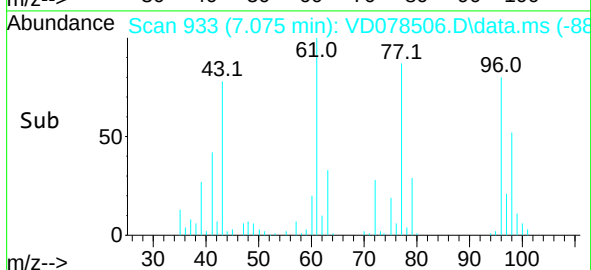
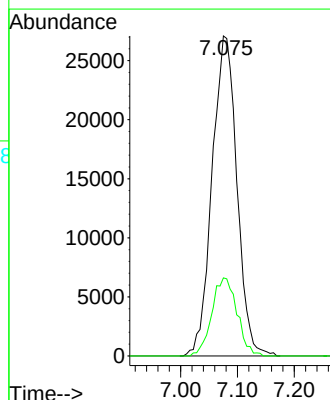
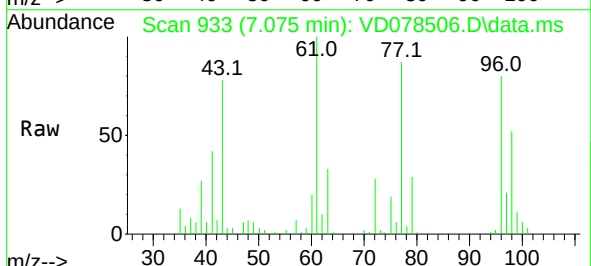
Acq: 21 Feb 2024 18:32

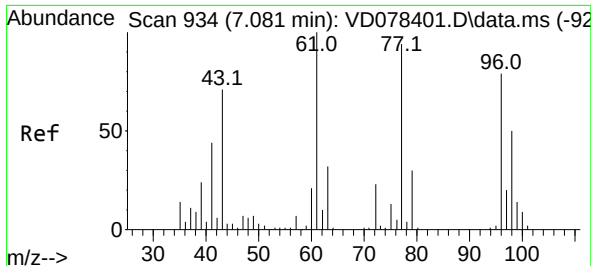
Tgt Ion: 77 Resp: 82197

Ion Ratio Lower Upper

77 100

97 24.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 60.414 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

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

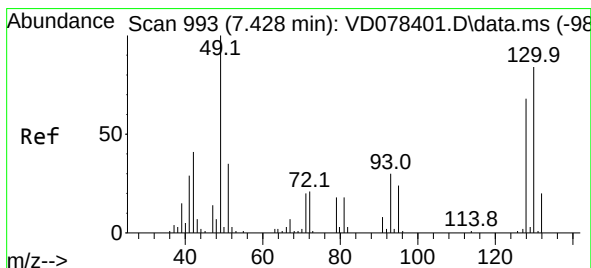
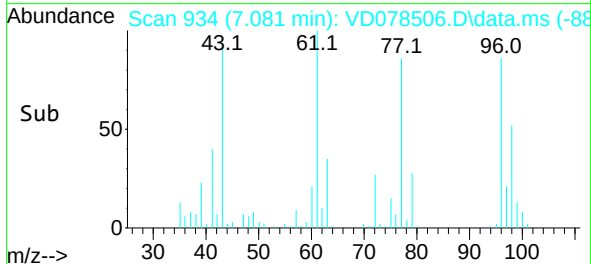
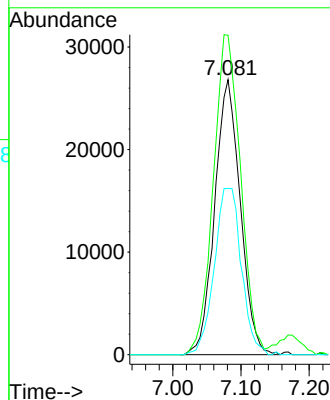
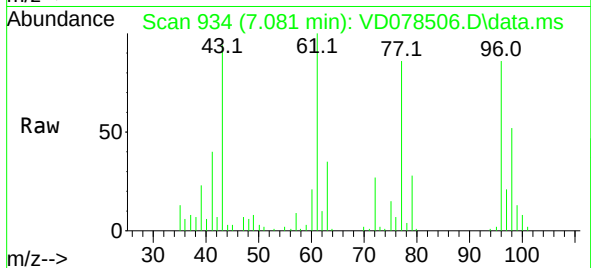
Tgt Ion: 96 Resp: 70079

Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	239.2
98	63.9	0.0	128.6

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 58.645 ug/l

RT: 7.428 min Scan# 993

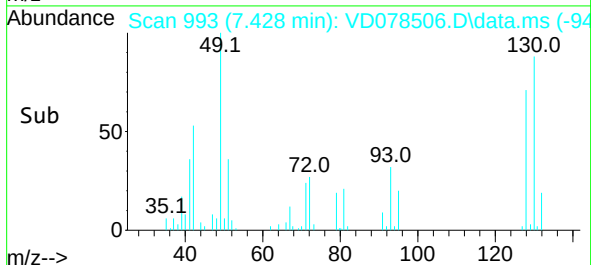
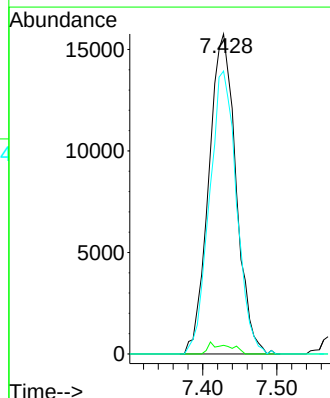
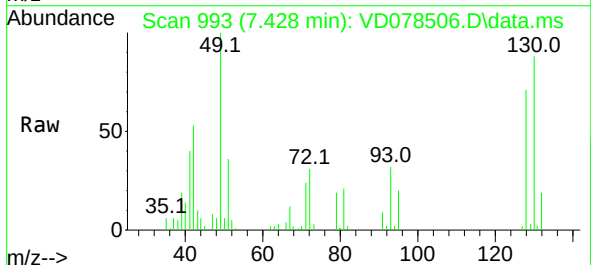
Delta R.T. -0.000 min

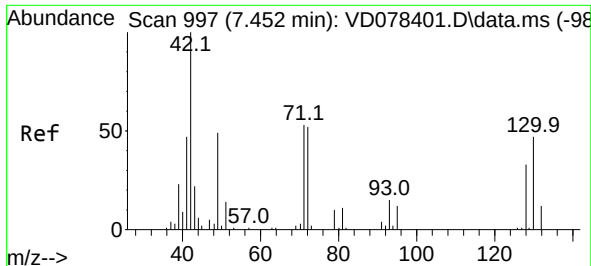
Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Tgt Ion: 49 Resp: 40266

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	6.0
130	87.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 317.737 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078506.D

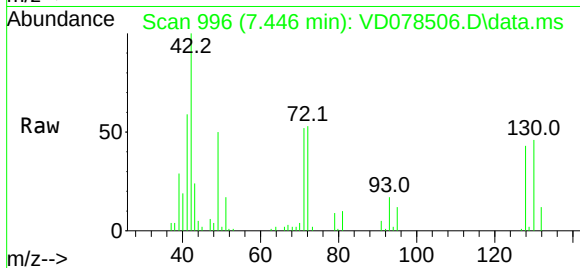
Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

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

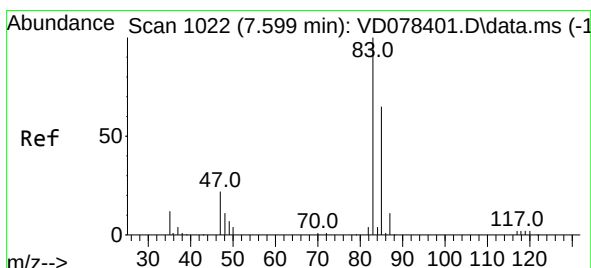
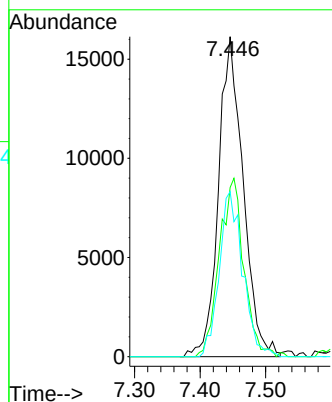
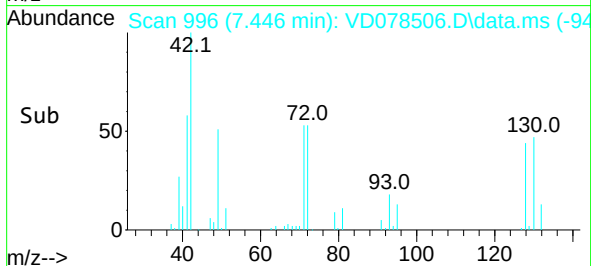


Tgt Ion:	42	Resp:	4212
Ion Ratio	Lower	Upper	
42	100		
72	55.3	46.5	69.7
71	49.4	44.5	66.7

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 61.330 ug/l

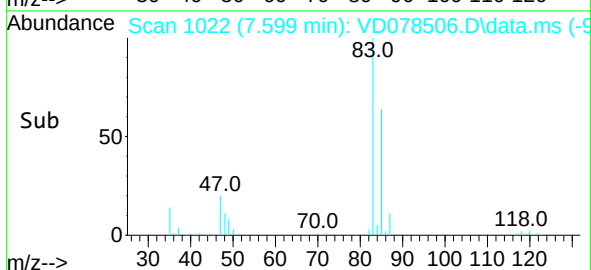
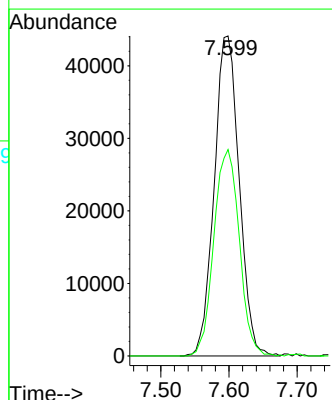
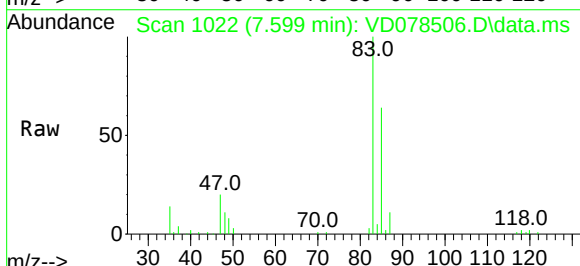
RT: 7.599 min Scan# 1022

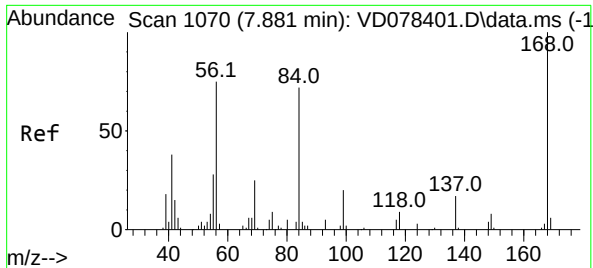
Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

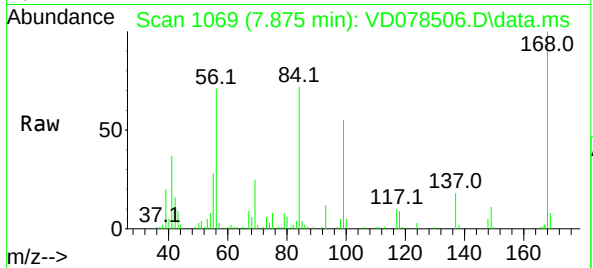
Tgt Ion:	83	Resp:	112487
Ion Ratio	Lower	Upper	
83	100		
85	64.5	53.4	80.2





#31
Cyclohexane
Concen: 43.145 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

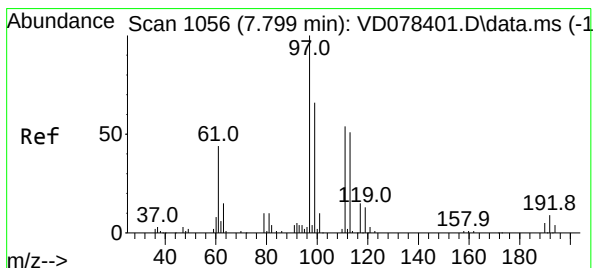
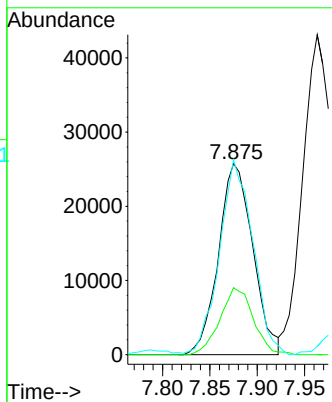
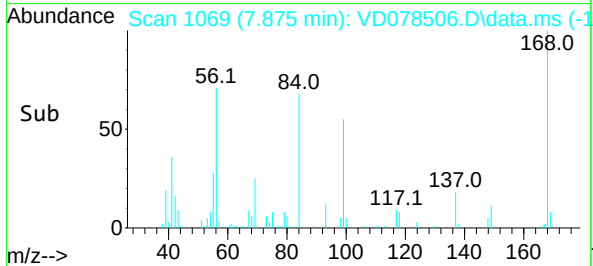
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



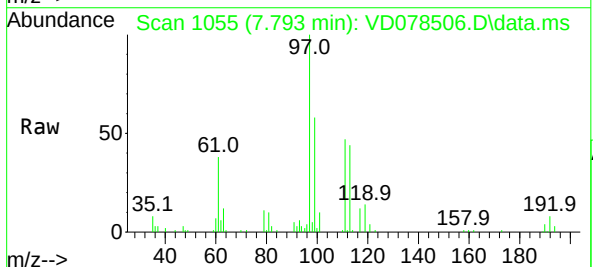
Tgt Ion: 56 Resp: 65058
Ion Ratio Lower Upper
56 100
69 35.1 28.6 43.0
84 101.0 84.8 127.2

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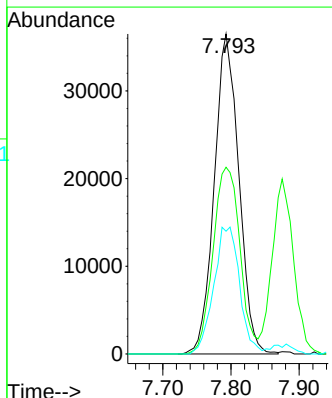
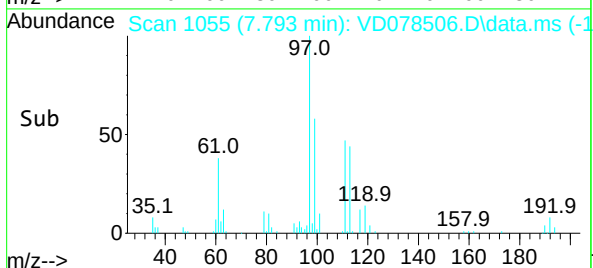
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

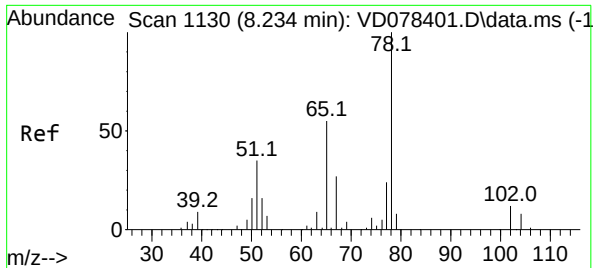


#32
1,1,1-Trichloroethane
Concen: 58.483 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32



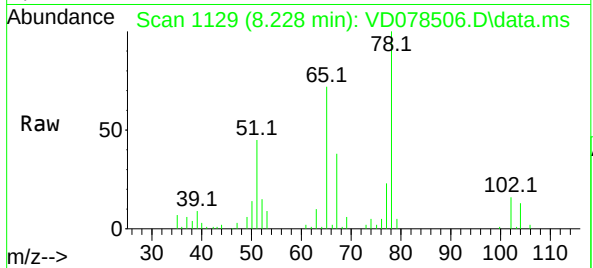
Tgt Ion: 97 Resp: 91454
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 41.8 33.8 50.8





#33
1,2-Dichloroethane-d4
Concen: 59.782 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

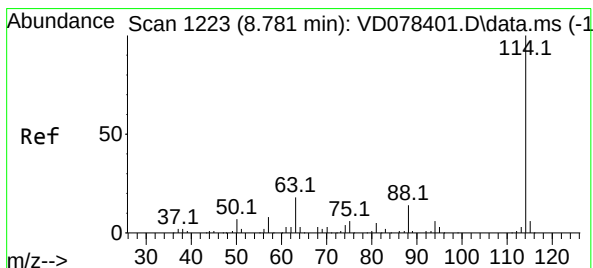
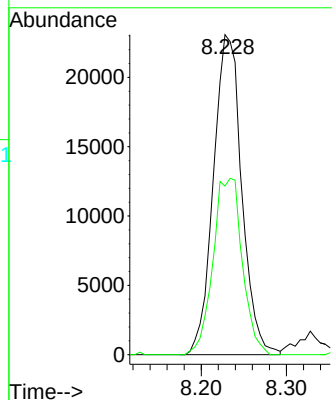
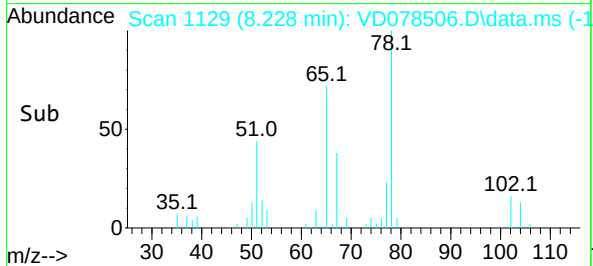
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



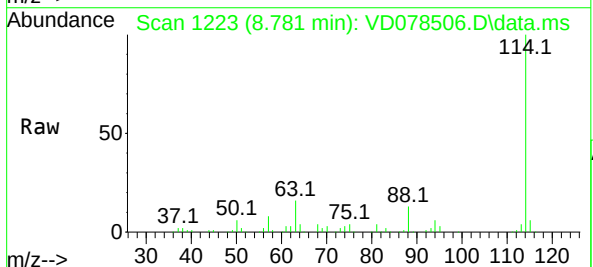
Tgt Ion: 65 Resp: 53290
Ion Ratio Lower Upper
65 100
67 57.0 0.0 115.0

Manual Integrations
APPROVED

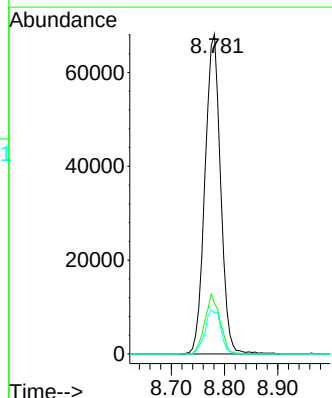
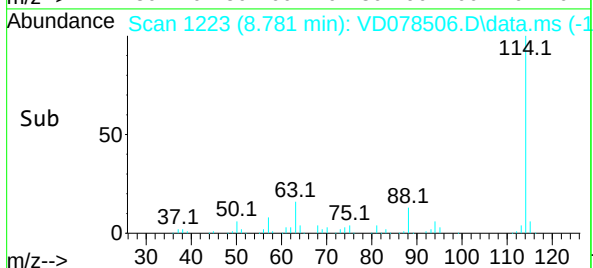
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

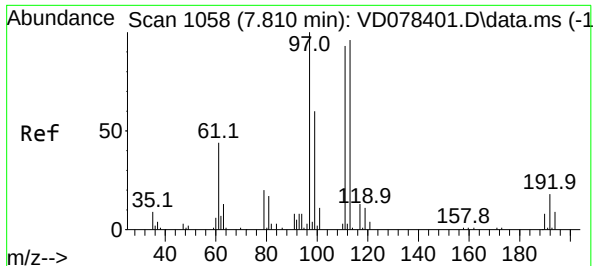


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32



Tgt Ion:114 Resp: 138849
Ion Ratio Lower Upper
114 100
63 15.8 0.0 33.4
88 12.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 66.100 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

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

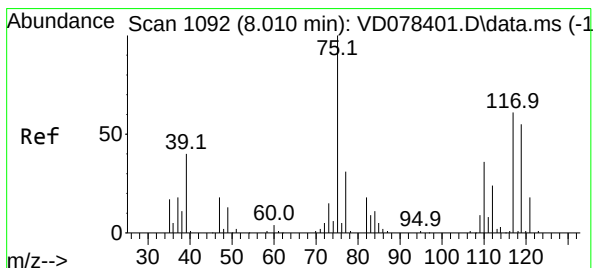
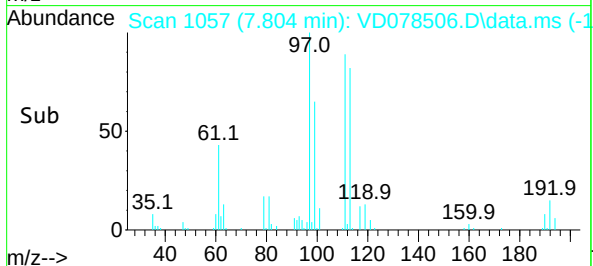
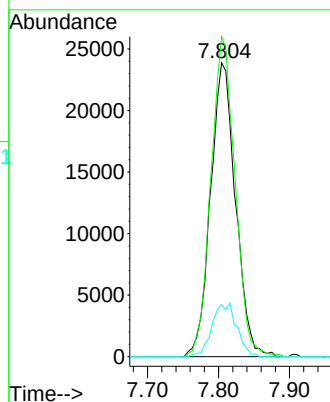
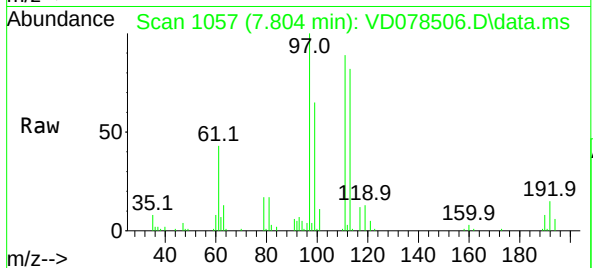
Tgt Ion:	113	Resp:	58300
Ion Ratio	Lower	Upper	
113	100		
111	106.0	84.7	127.1
192	18.0	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#36

1,1-Dichloropropene

Concen: 55.253 ug/l

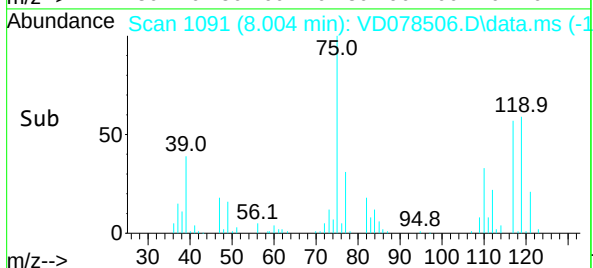
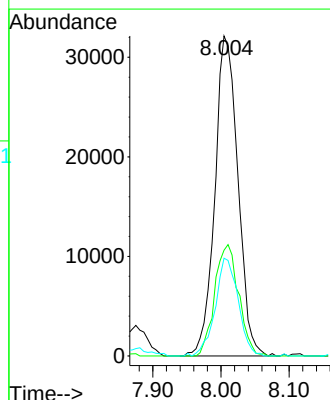
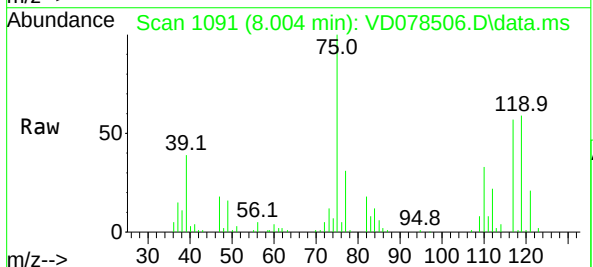
RT: 8.004 min Scan# 1091

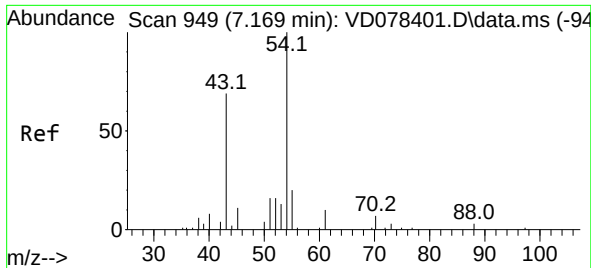
Delta R.T. -0.006 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

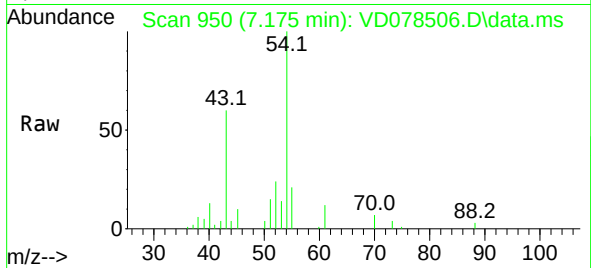
Tgt Ion:	75	Resp:	75706
Ion Ratio	Lower	Upper	
75	100		
110	36.1	19.9	59.6
77	30.4	24.7	37.1





#37
Ethyl Acetate
Concen: 57.453 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

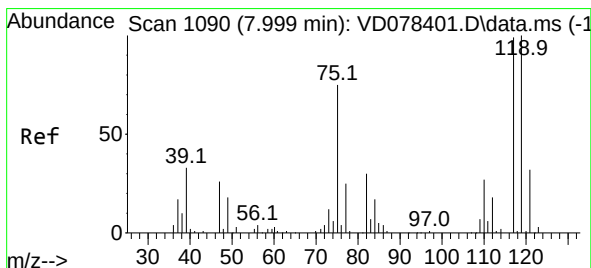
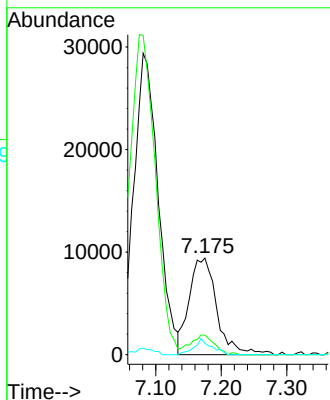
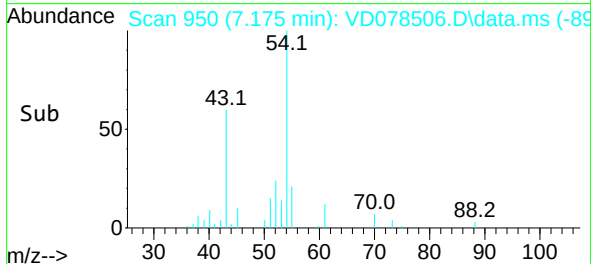
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
61 17.1 14.9 22.3
70 10.2 10.0 15.0

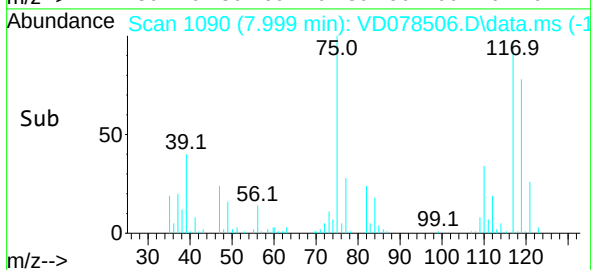
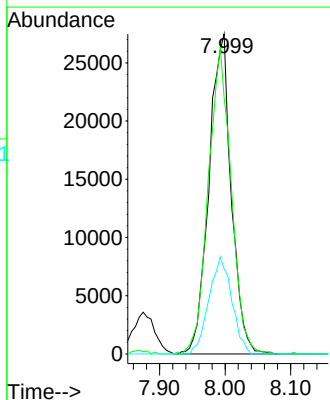
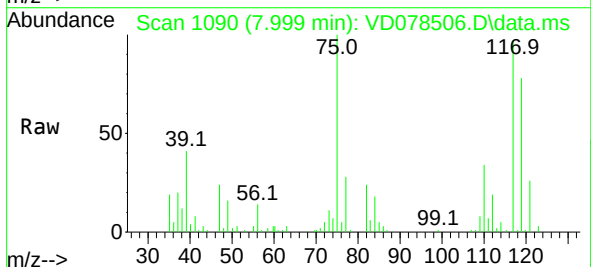
Manual Integrations
APPROVED

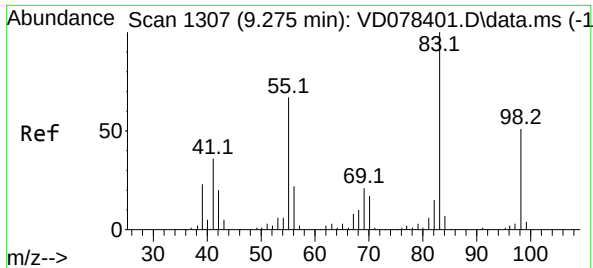
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#38
Carbon Tetrachloride
Concen: 47.855 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

Tgt Ion:117 Resp: 64935
Ion Ratio Lower Upper
117 100
119 80.2 78.0 117.0
121 26.6 24.2 36.2





#39

Methylcyclohexane

Concen: 35.669 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

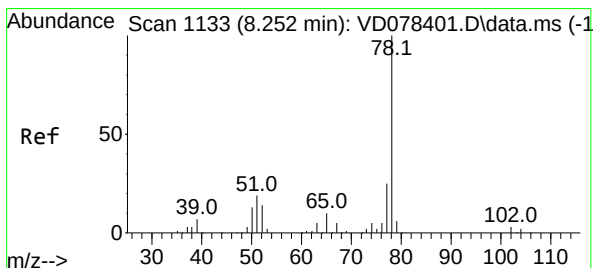
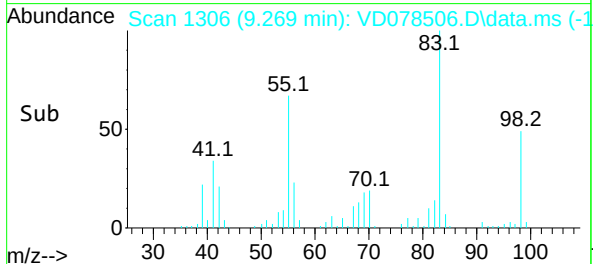
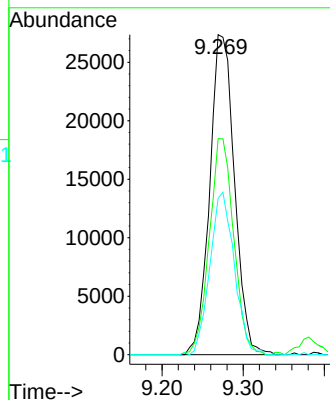
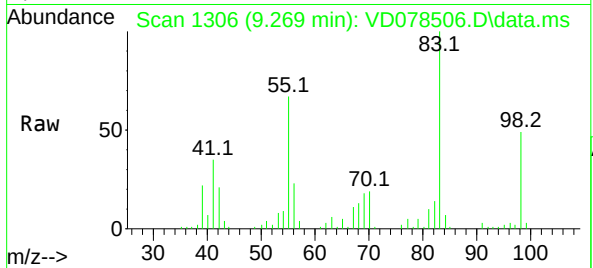
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 83	Resp: 58020
Ion Ratio	Lower Upper
83	100
55	67.5 49.4 74.0
98	48.9 38.4 57.6

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 62.050 ug/l

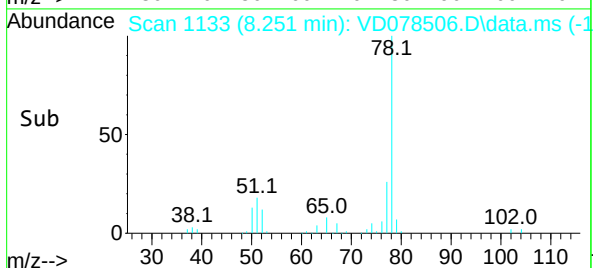
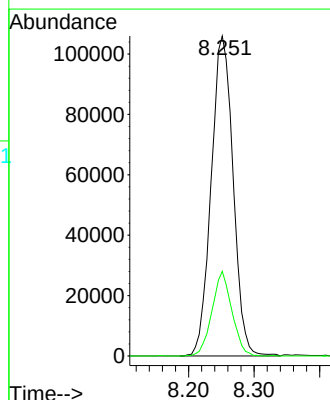
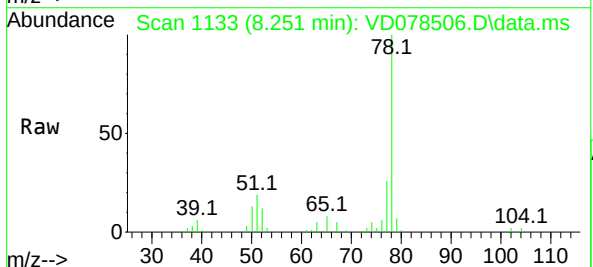
RT: 8.251 min Scan# 1133

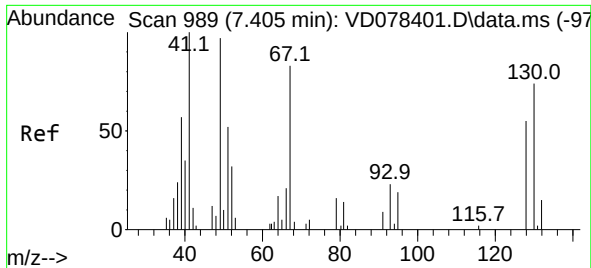
Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

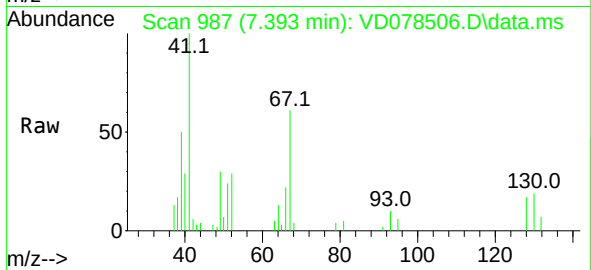
Tgt Ion: 78	Resp: 245739
Ion Ratio	Lower Upper
78	100
77	26.4 19.4 29.0





#41
Methacrylonitrile
Concen: 71.298 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.012 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

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

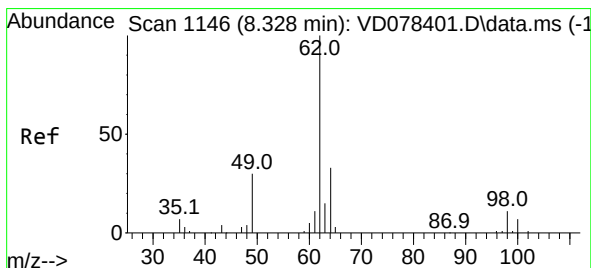
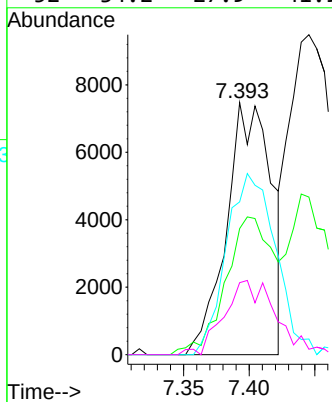
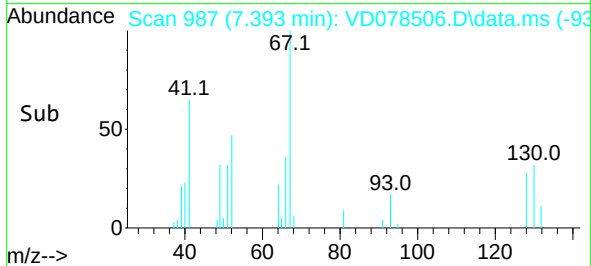


Tgt Ion: 41 Resp: 1782

Ion	Ratio	Lower	Upper
41	100		
39	57.3	34.0	51.0
67	79.7	77.0	115.4
52	34.2	27.9	41.9

Manual Integrations
APPROVED

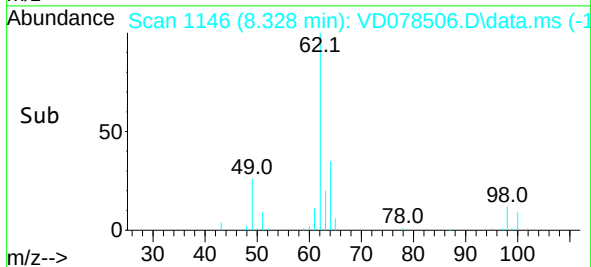
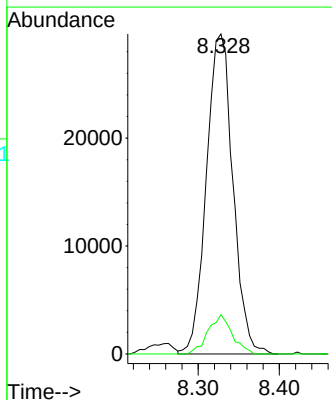
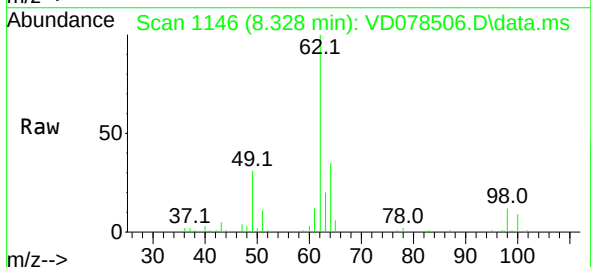
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

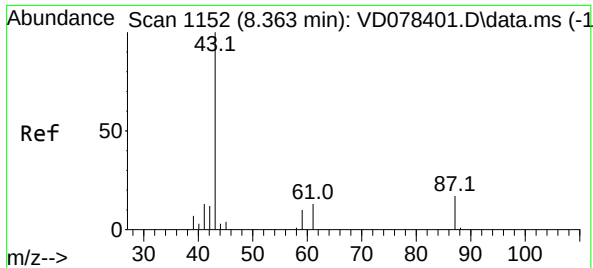


#42
1,2-Dichloroethane
Concen: 65.666 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

Tgt Ion: 62 Resp: 67291

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	25.4





#43

Isopropyl Acetate

Concen: 62.661 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

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

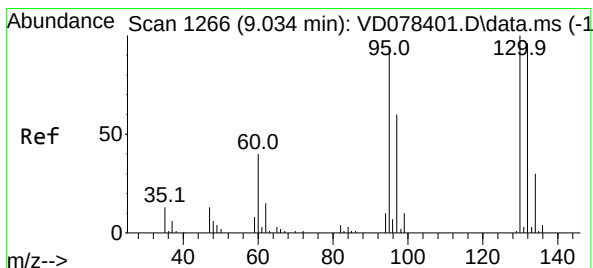
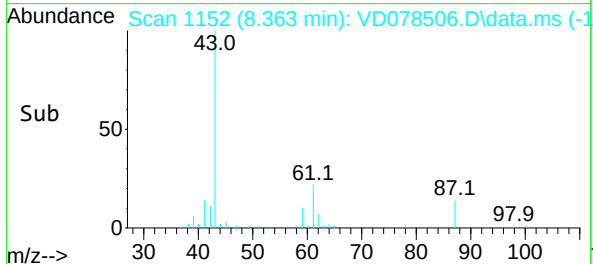
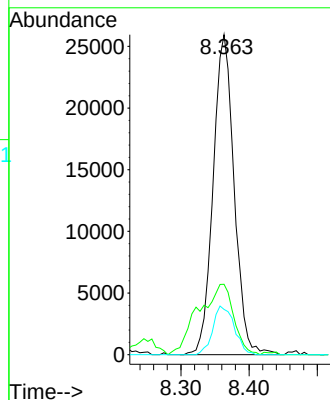
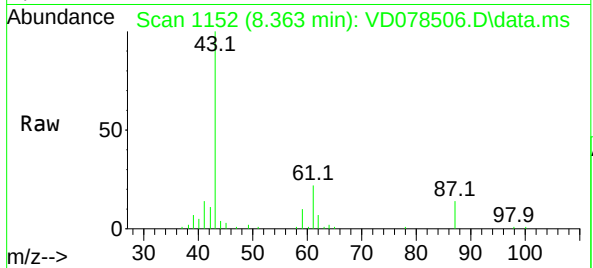
Tgt Ion: 43 Resp: 5573

Ion	Ratio	Lower	Upper
43	100		
61	36.8	31.4	47.0
87	15.5	14.9	22.3

Manual Integrations

APPROVED

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



#44

Trichloroethene

Concen: 60.327 ug/l

RT: 9.034 min Scan# 1266

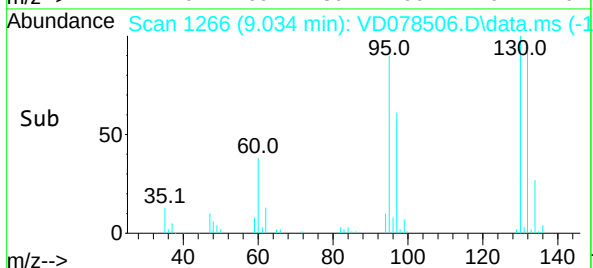
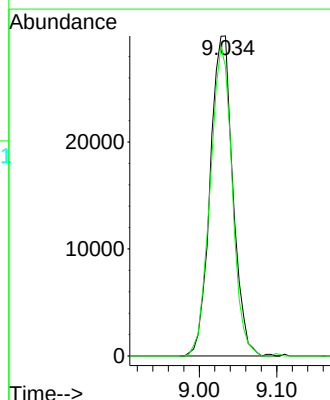
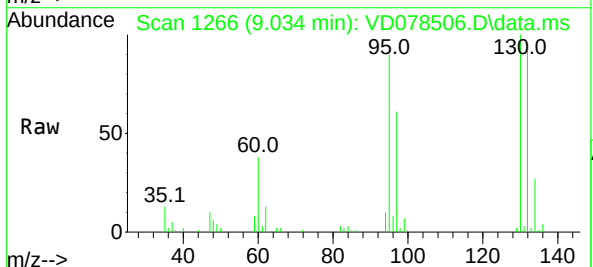
Delta R.T. -0.000 min

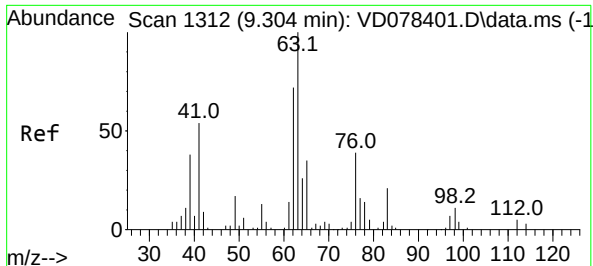
Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Tgt Ion:130 Resp: 60952

Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	179.2





#45

1,2-Dichloropropane

Concen: 64.049 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion: 63 Resp: 62230

Ion Ratio Lower Upper

63 100

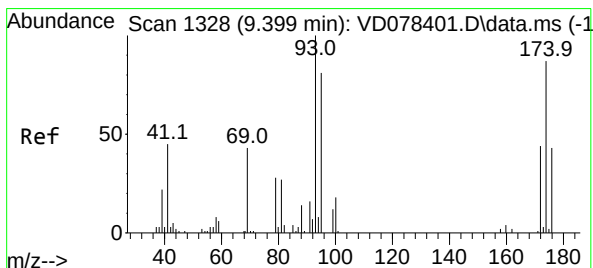
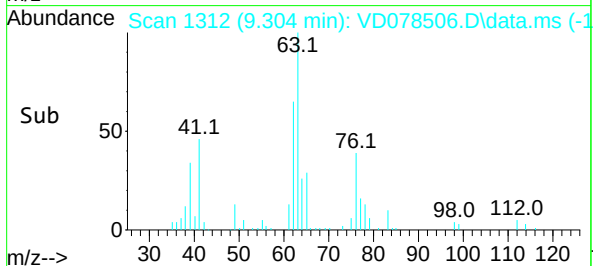
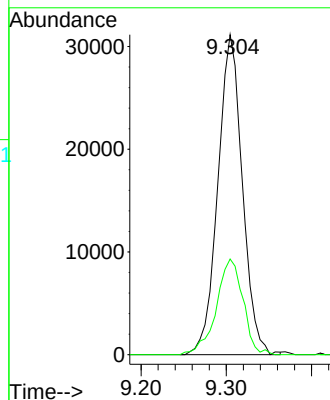
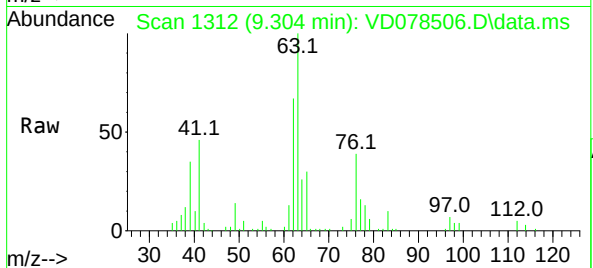
65 29.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#46

Dibromomethane

Concen: 62.931 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

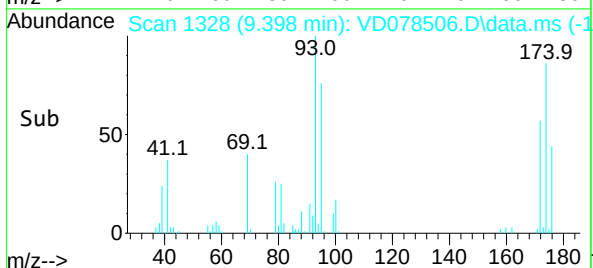
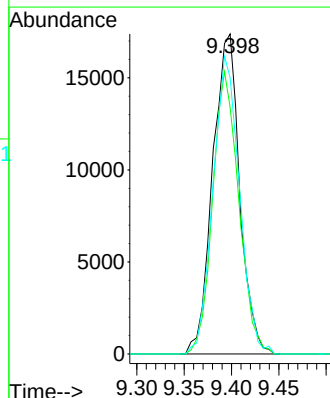
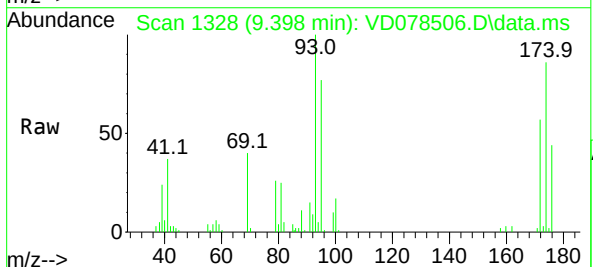
Tgt Ion: 93 Resp: 34395

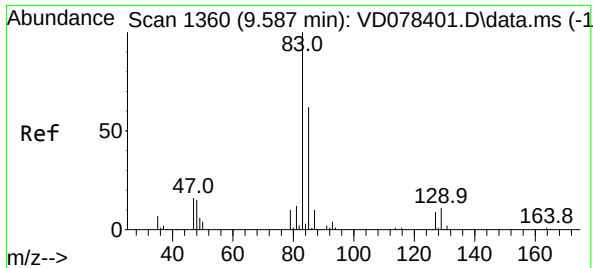
Ion Ratio Lower Upper

93 100

95 85.5 67.7 101.5

174 92.0 85.4 128.2





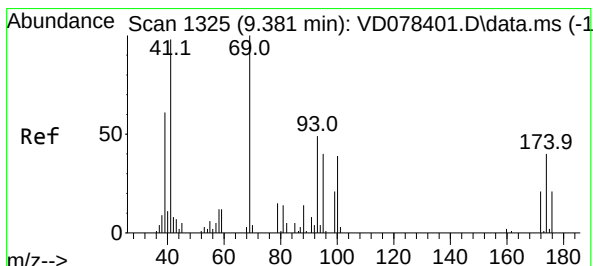
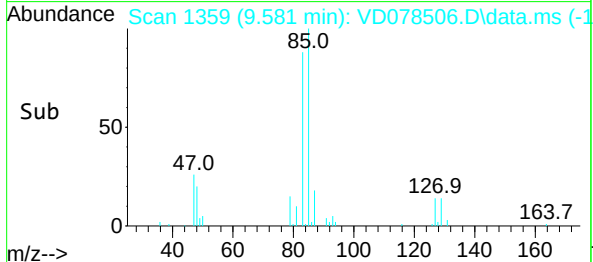
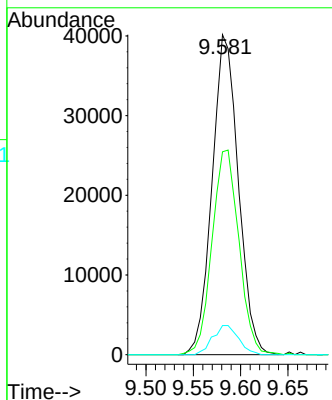
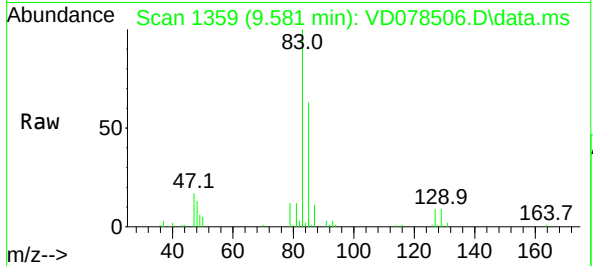
#47
Bromodichloromethane
Concen: 57.168 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

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

Tgt Ion: 83 Resp: 77390
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 9.1 6.3 9.5

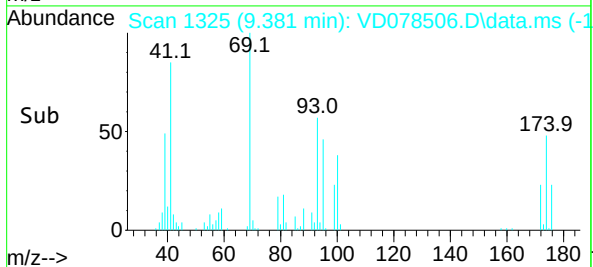
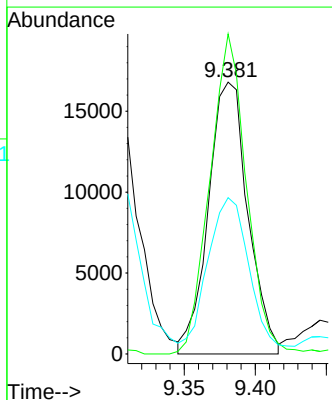
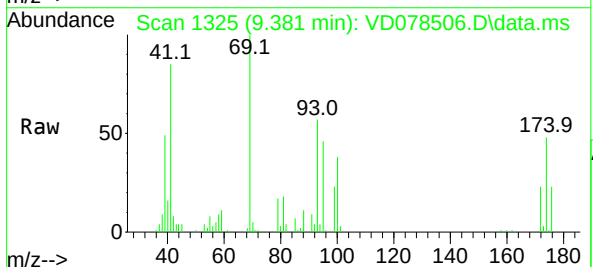
Manual Integrations
APPROVED

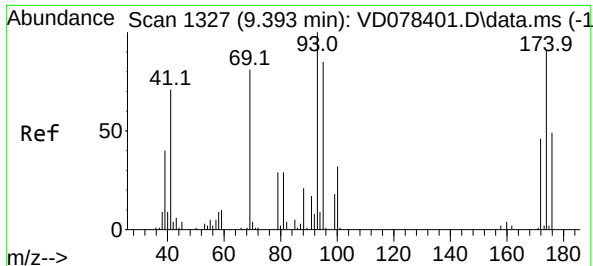
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#48
Methyl methacrylate
Concen: 68.980 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

Tgt Ion: 41 Resp: 32549
Ion Ratio Lower Upper
41 100
69 108.9 102.2 153.2
39 61.8 41.4 62.2





#49

1,4-Dioxane

Concen: 986.501 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD078506.D

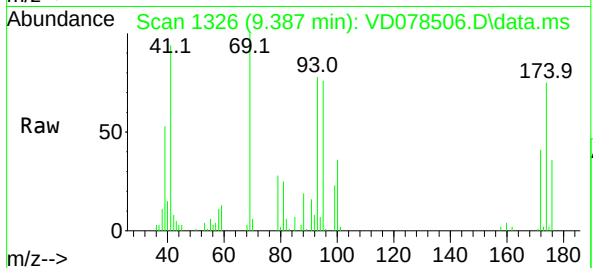
Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

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



Tgt Ion: 88 Resp: 5839

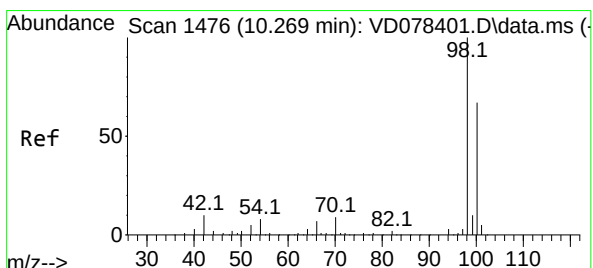
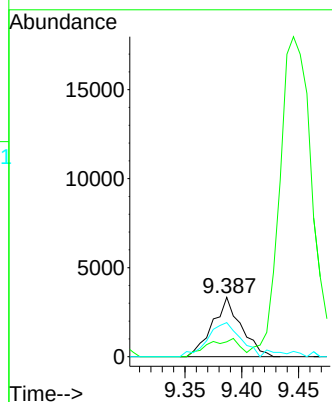
Ion	Ratio	Lower	Upper
88	100		
43	33.6	19.0	28.6
58	65.1	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#50

Toluene-d8

Concen: 60.254 ug/l

RT: 10.269 min Scan# 1476

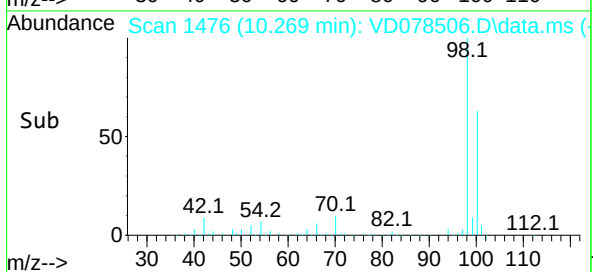
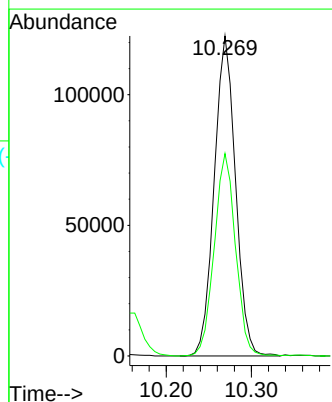
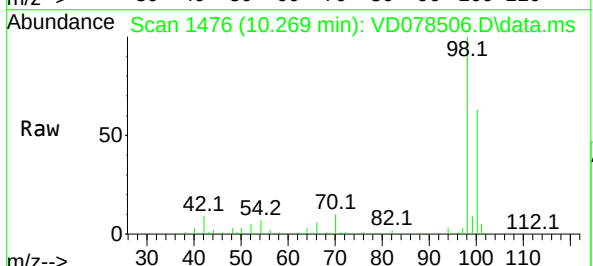
Delta R.T. -0.000 min

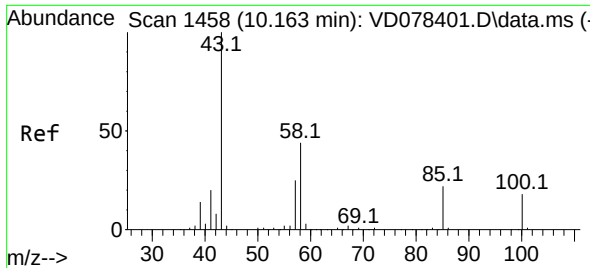
Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Tgt Ion: 98 Resp: 212589

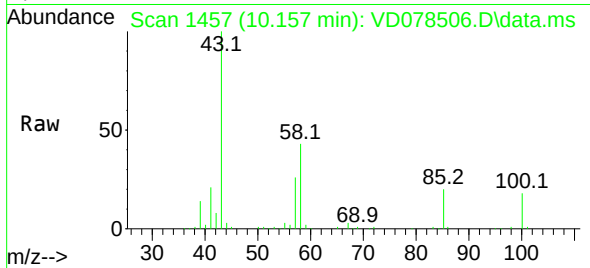
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 340.306 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

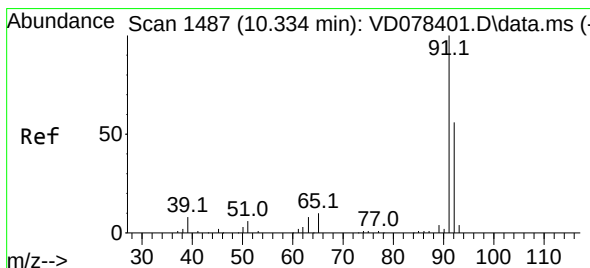
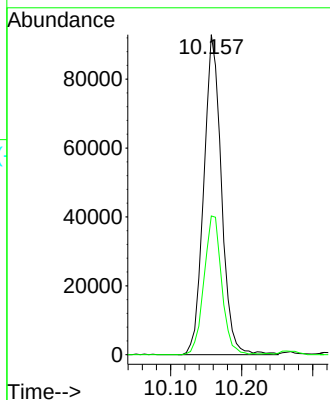
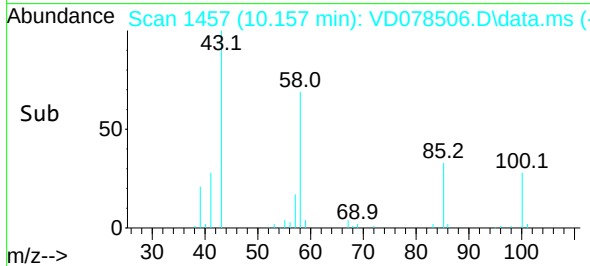
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 43 Resp: 16064
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3

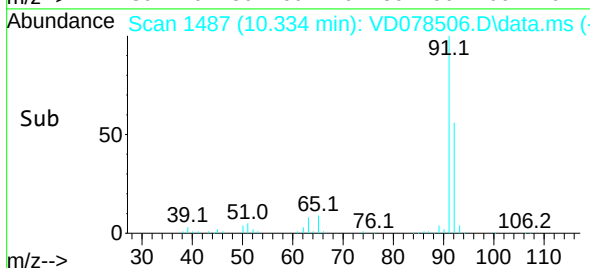
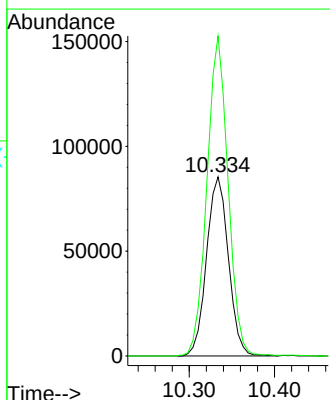
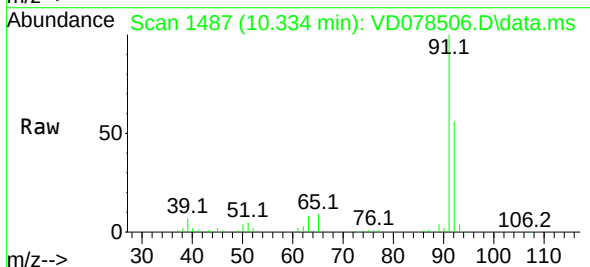
Manual Integrations
APPROVED

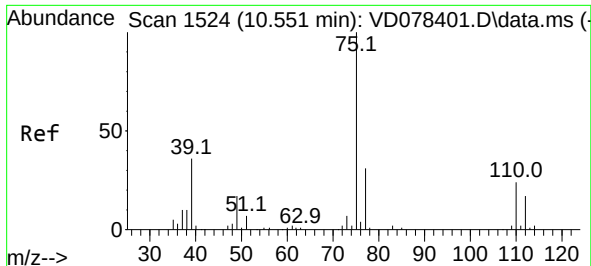
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#52
Toluene
Concen: 60.757 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

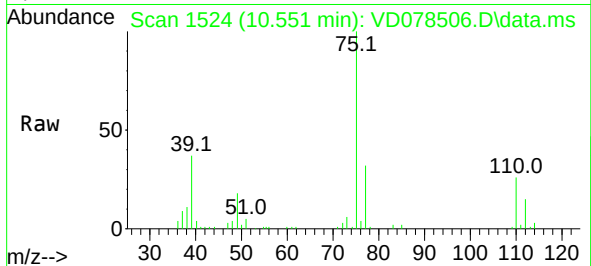
Tgt Ion: 92 Resp: 152163
Ion Ratio Lower Upper
92 100
91 172.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 51.210 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

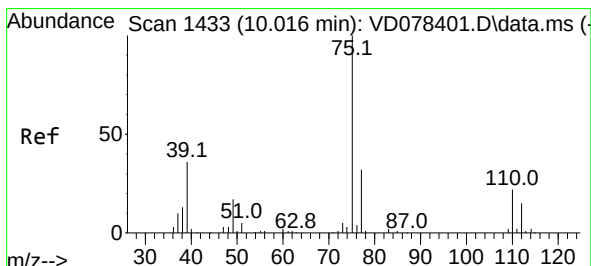
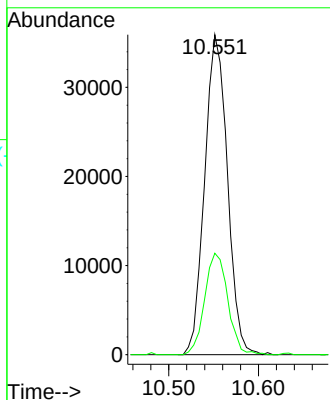
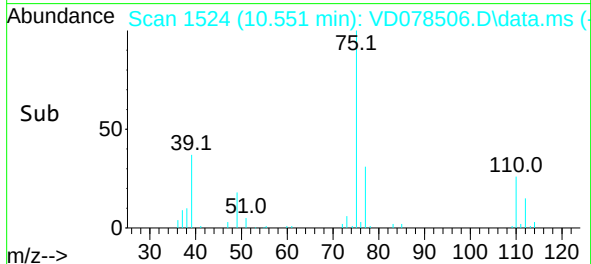
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



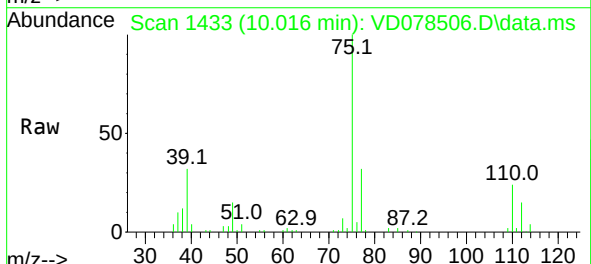
Tgt Ion: 75 Resp: 63250
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

Manual Integrations
APPROVED

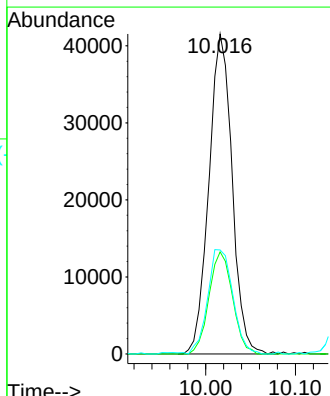
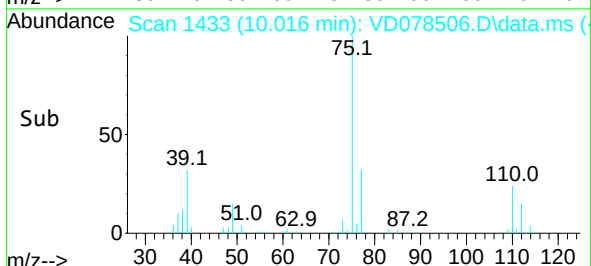
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

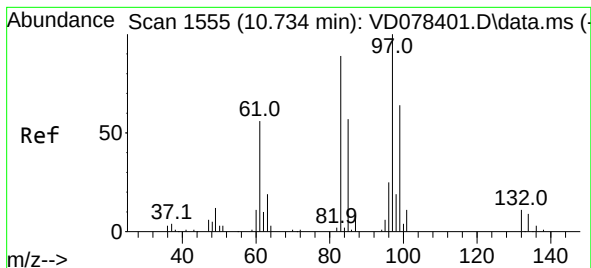


#54
cis-1,3-Dichloropropene
Concen: 49.773 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32



Tgt Ion: 75 Resp: 74551
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 32.1 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 69.723 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

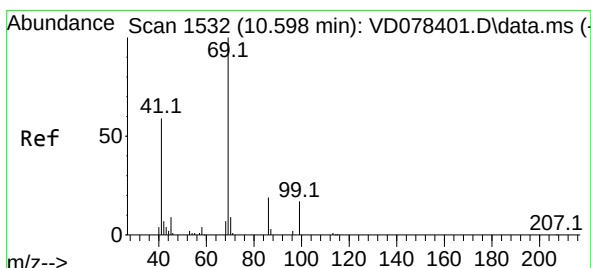
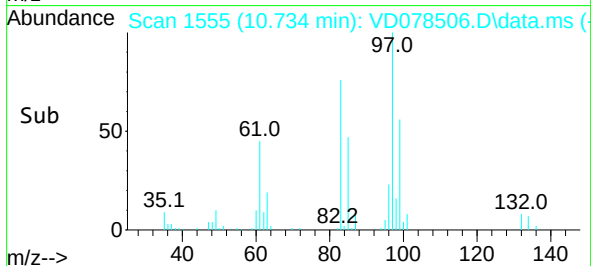
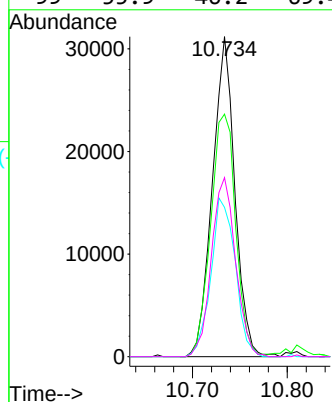
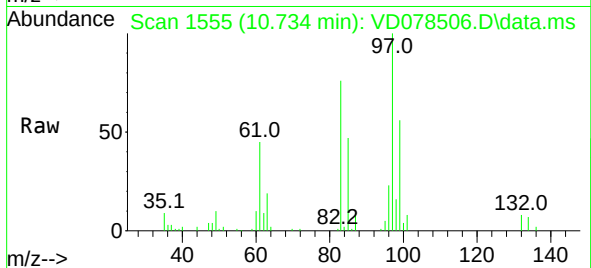
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion: 97	Resp: 51318
Ion Ratio	Lower Upper
97 100	
83 75.8	65.8 98.6
85 46.7	45.7 68.5
99 55.9	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: 53.270 ug/l

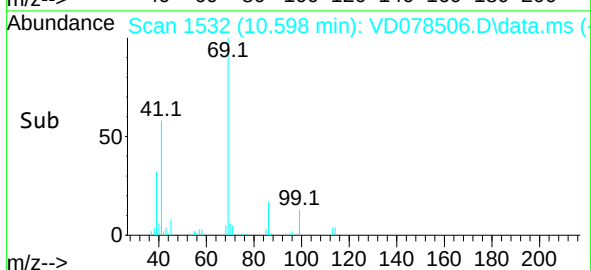
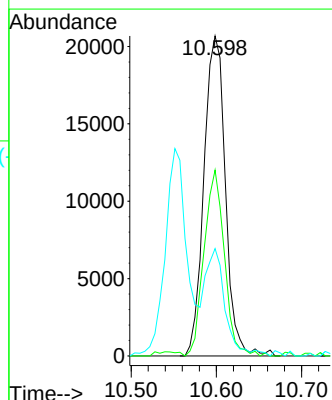
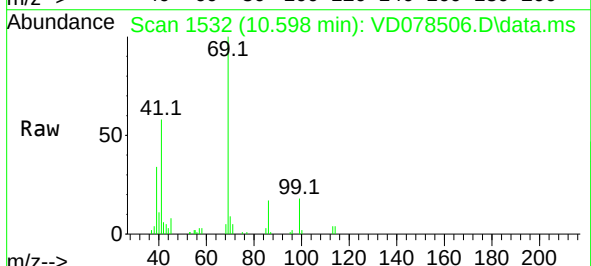
RT: 10.598 min Scan# 1532

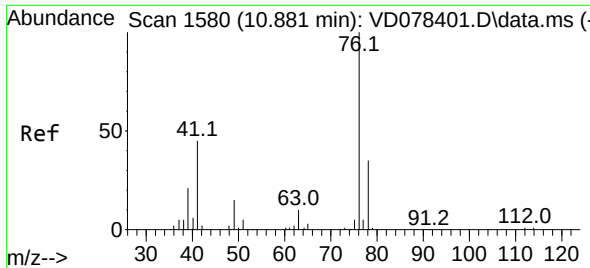
Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Tgt Ion: 69	Resp: 36262
Ion Ratio	Lower Upper
69 100	
41 55.1	39.1 58.7
39 30.7	20.0 30.0





#57

1,3-Dichloropropane

Concen: 65.567 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion: 76 Resp: 82092

Ion Ratio Lower Upper

76 100

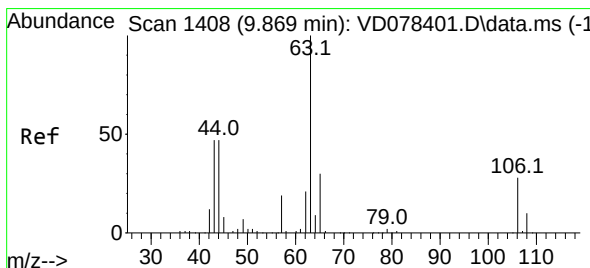
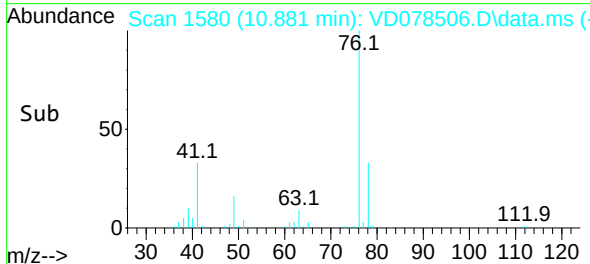
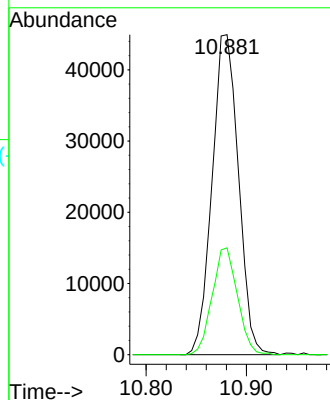
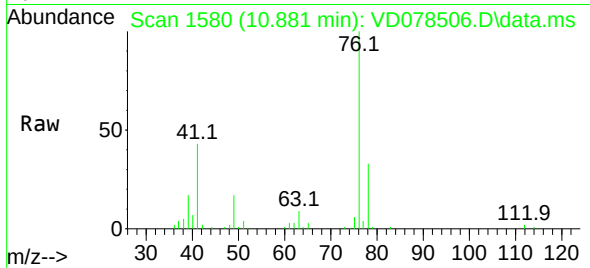
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#58

2-Chloroethyl Vinyl ether

Concen: 340.548 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078506.D

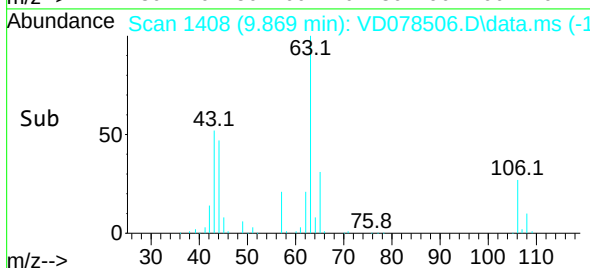
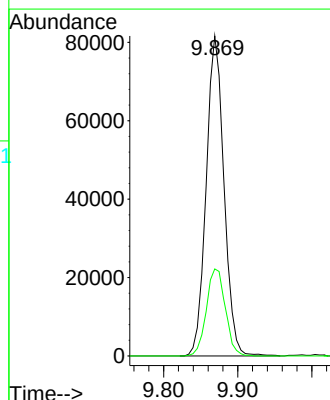
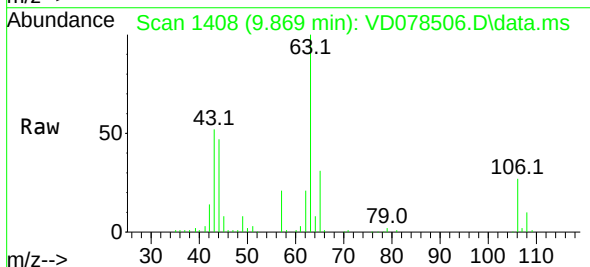
Acq: 21 Feb 2024 18:32

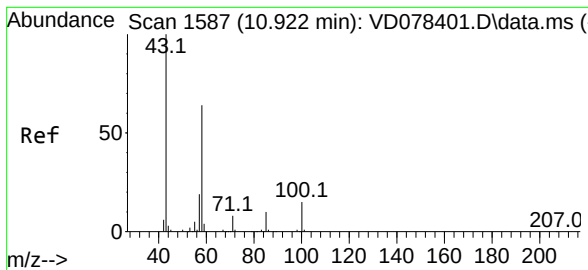
Tgt Ion: 63 Resp: 136551

Ion Ratio Lower Upper

63 100

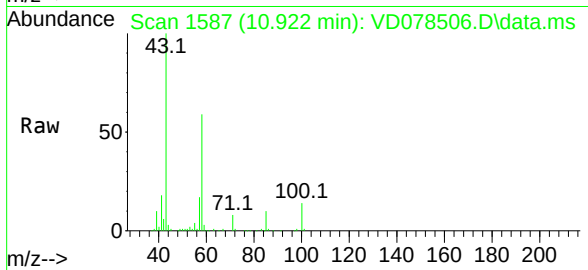
106 28.9 25.3 37.9





#59
2-Hexanone
Concen: 323.413 ug/l
RT: 10.922 min Scan# 11473
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

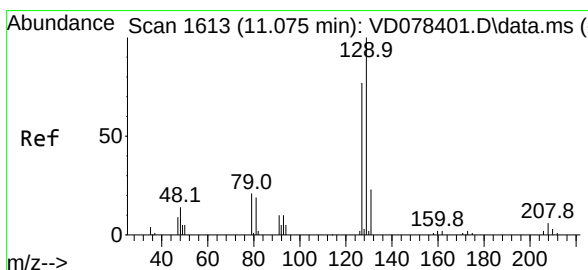
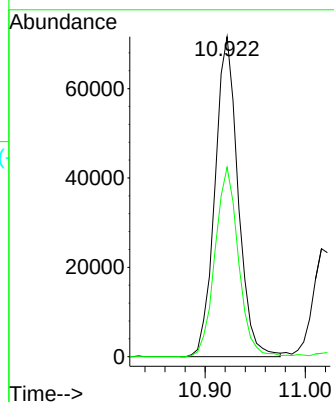
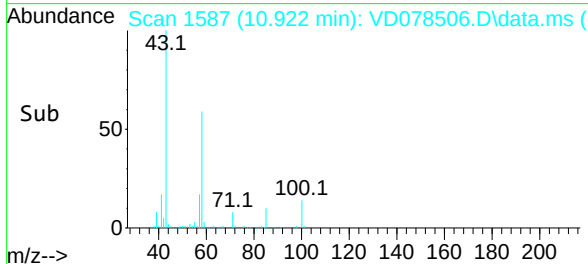
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 43 Resp: 11473
Ion Ratio Lower Upper
43 100
58 59.8 34.1 102.2

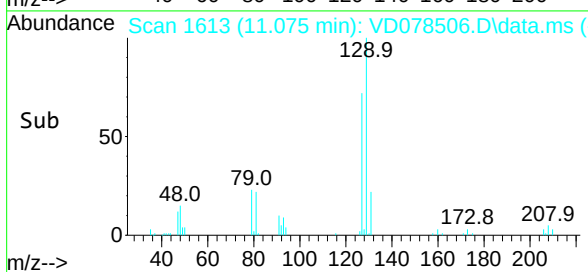
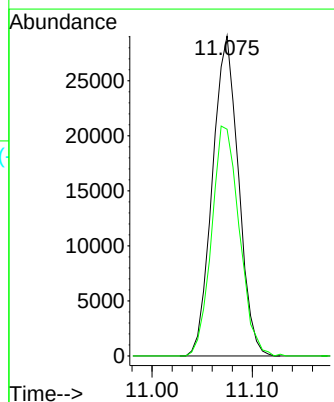
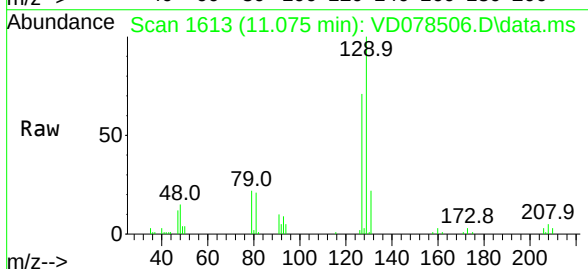
Manual Integrations
APPROVED

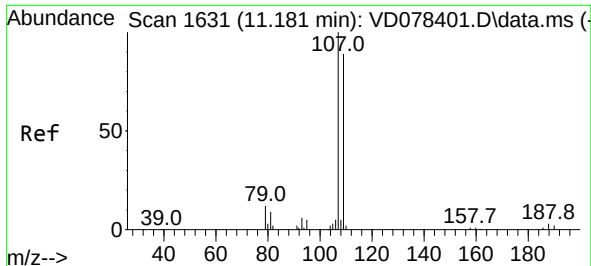
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#60
Dibromochloromethane
Concen: 59.262 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

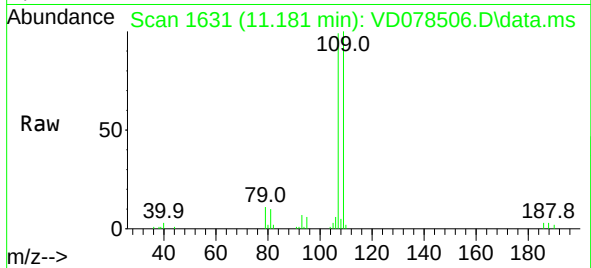
Tgt Ion:129 Resp: 52481
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5





#61
1,2-Dibromoethane
Concen: 63.213 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

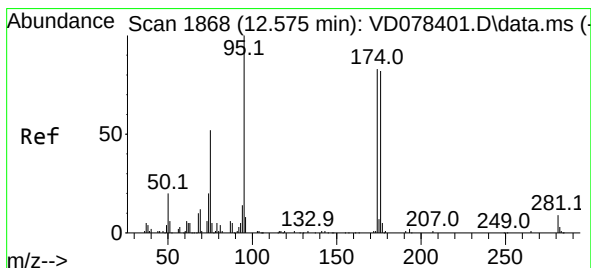
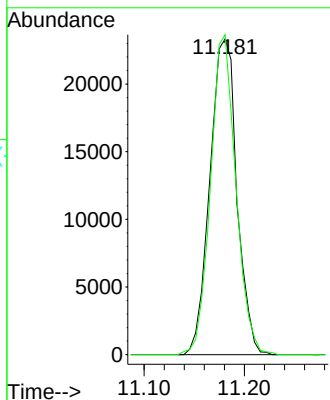
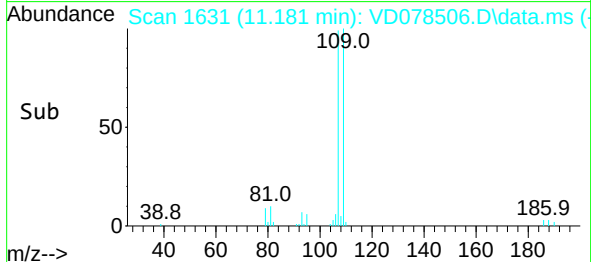
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



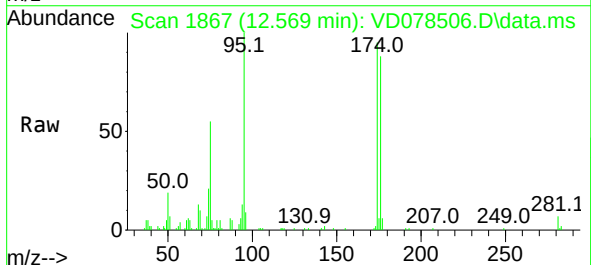
Tgt Ion:107 Resp: 43680
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

Manual Integrations
APPROVED

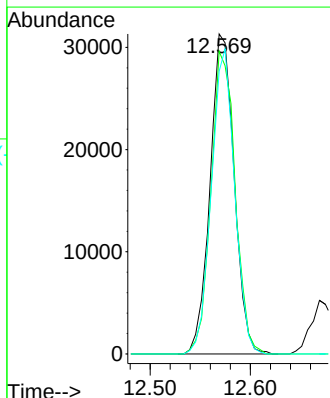
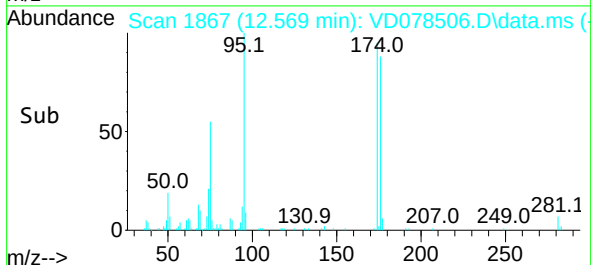
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

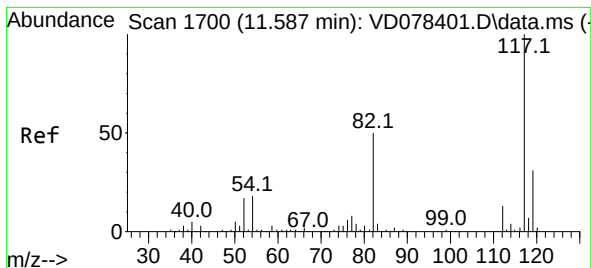


#62
4-Bromofluorobenzene
Concen: 50.830 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32



Tgt Ion: 95 Resp: 52189
Ion Ratio Lower Upper
95 100
174 94.9 0.0 201.8
176 91.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

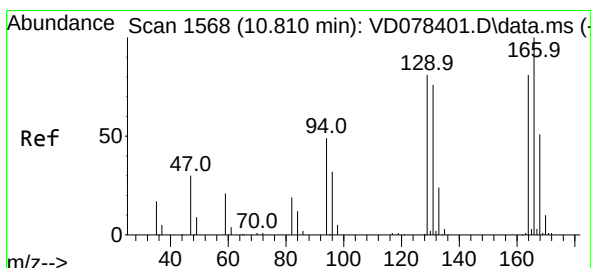
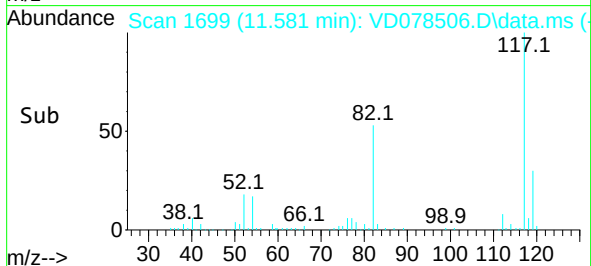
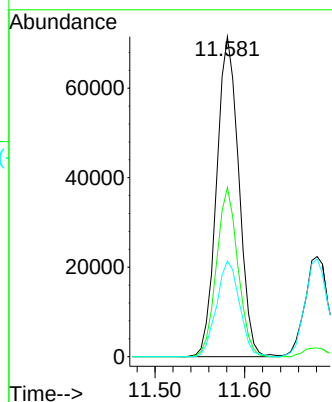
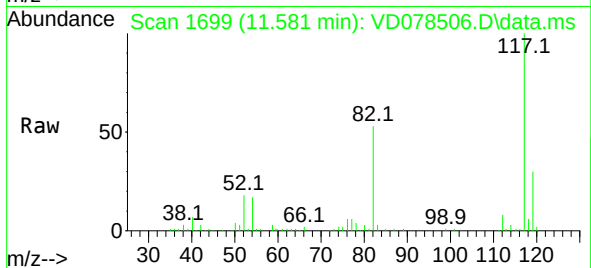
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion:117 Resp: 12268
 Ion Ratio Lower Upper
 117 100
 82 52.9 38.3 57.5
 119 29.9 25.0 37.4

Manual Integrations

APPROVED

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



#64

Tetrachloroethene

Concen: 66.415 ug/l

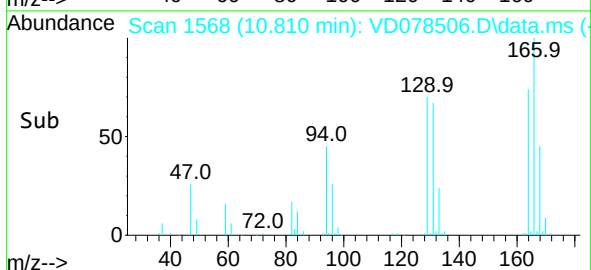
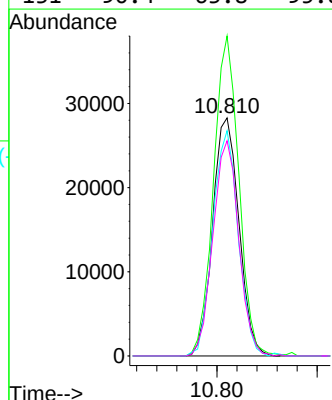
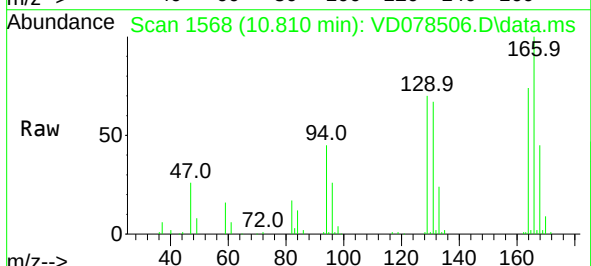
RT: 10.810 min Scan# 1568

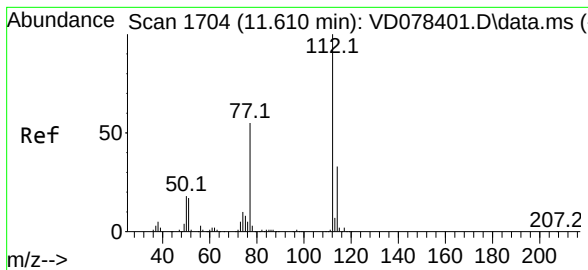
Delta R.T. -0.000 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Tgt Ion:164 Resp: 51465
 Ion Ratio Lower Upper
 164 100
 166 134.4 99.2 148.8
 129 94.6 68.4 102.6
 131 90.4 63.8 95.8





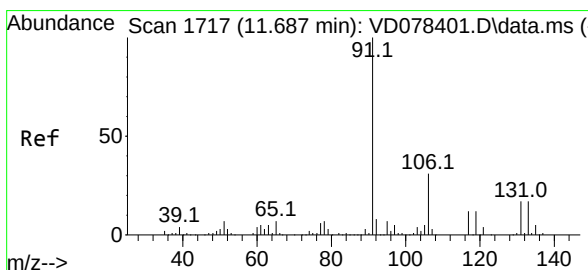
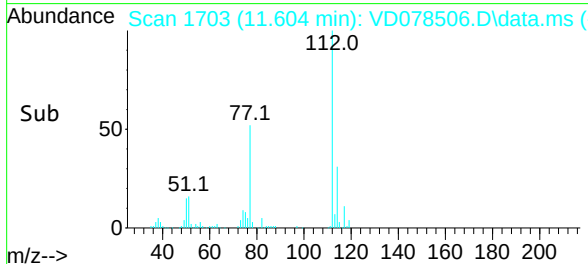
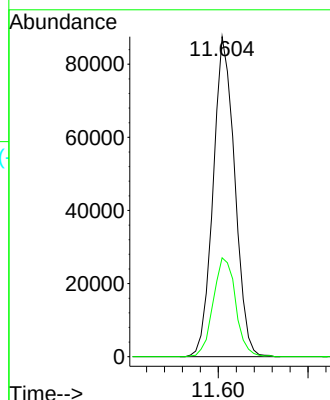
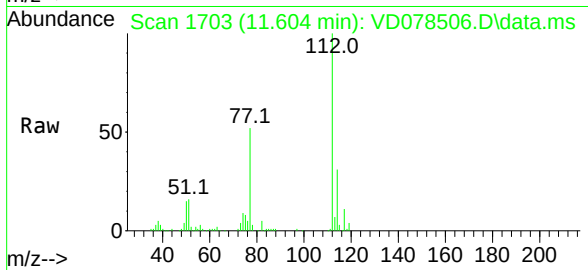
#65
Chlorobenzene
Concen: 59.341 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

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

Tgt Ion:112 Resp: 14635
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7

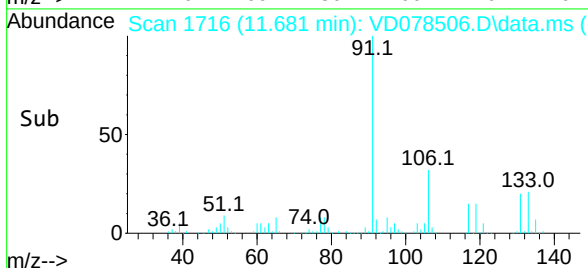
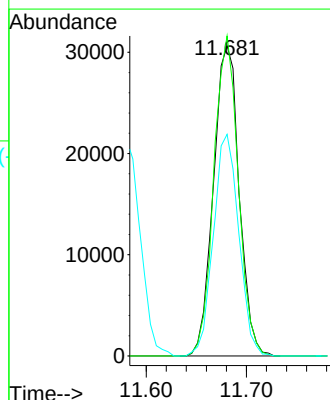
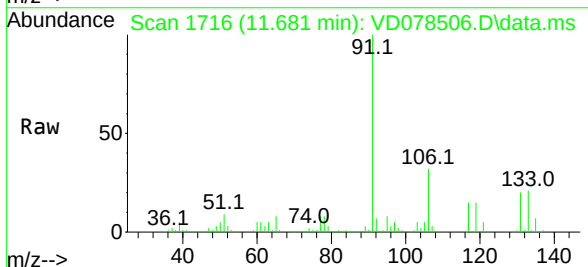
Manual Integrations
APPROVED

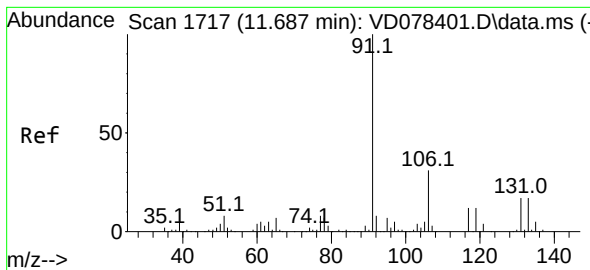
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 60.337 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

Tgt Ion:131 Resp: 54689
Ion Ratio Lower Upper
131 100
133 98.0 48.5 145.5
119 70.4 35.6 106.9





#67

Ethyl Benzene

Concen: 56.670 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion: 91 Resp: 250438

Ion Ratio Lower Upper

91 100

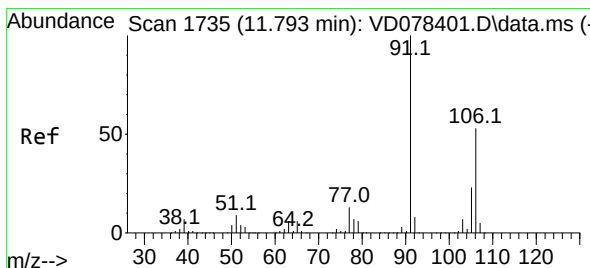
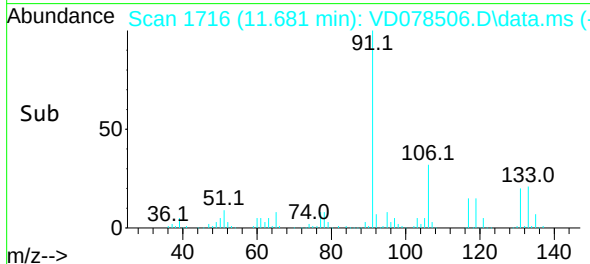
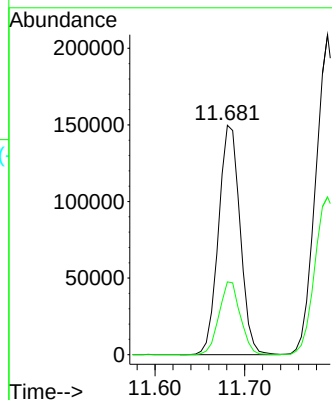
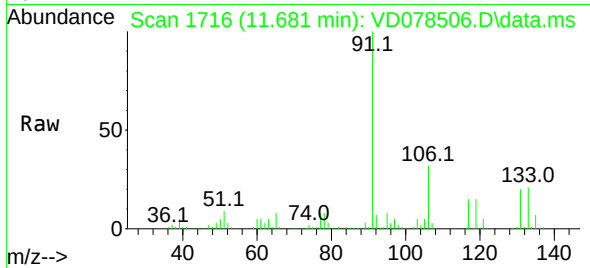
106 31.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#68

m/p-Xylenes

Concen: 115.078 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078506.D

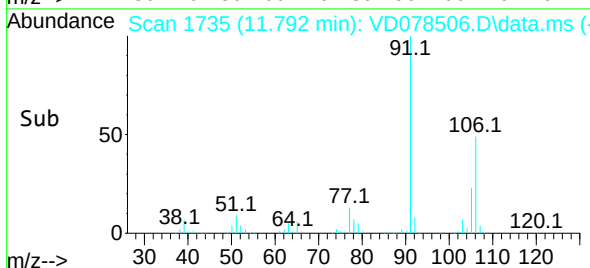
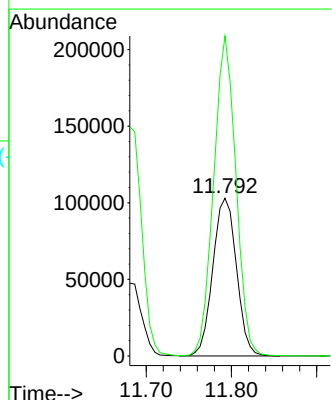
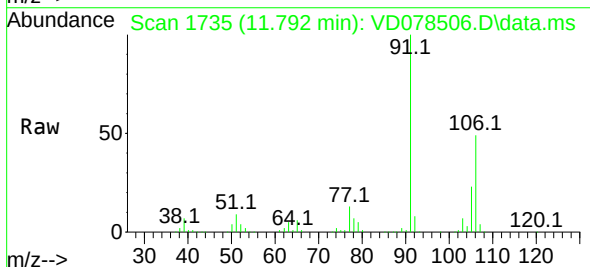
Acq: 21 Feb 2024 18:32

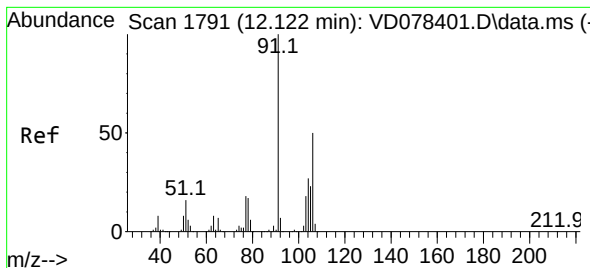
Tgt Ion:106 Resp: 198367

Ion Ratio Lower Upper

106 100

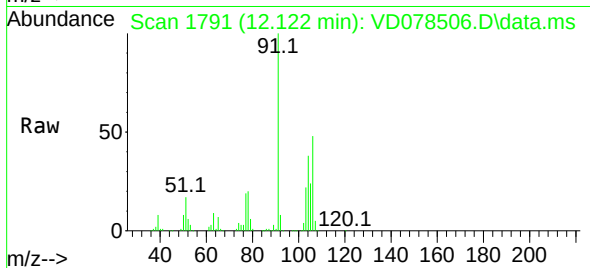
91 191.8 147.0 220.6





#69
o-Xylene
Concen: 57.722 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

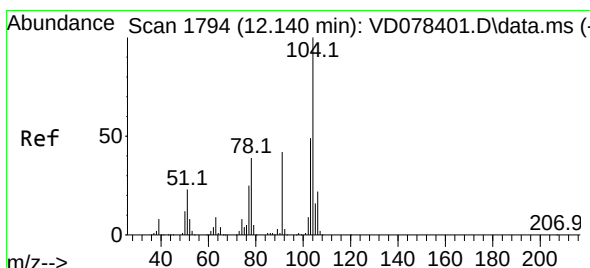
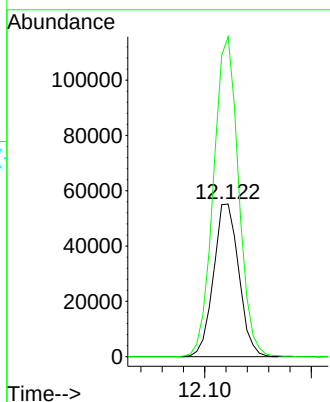
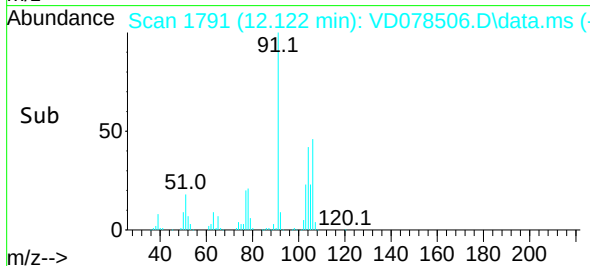
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion:106 Resp: 90799
Ion Ratio Lower Upper
106 100
91 208.4 97.9 293.6

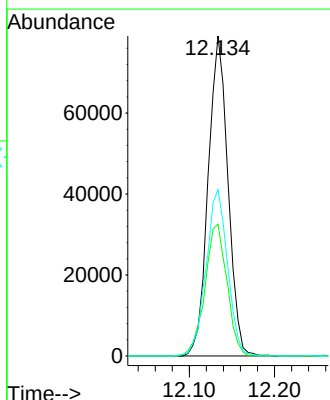
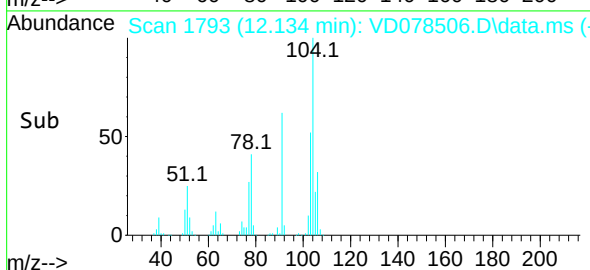
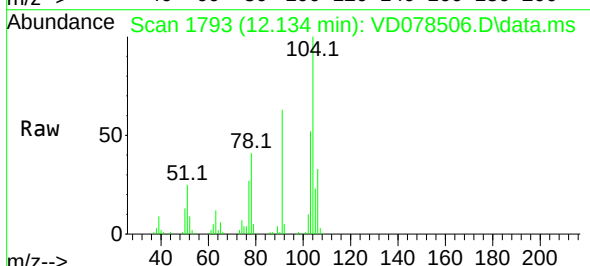
Manual Integrations
APPROVED

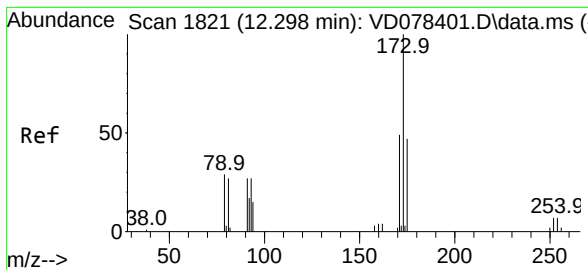
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#70
Styrene
Concen: 49.795 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

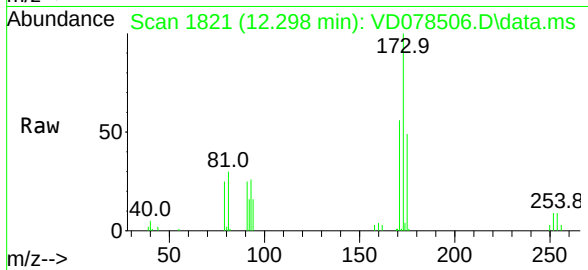
Tgt Ion:104 Resp: 127838
Ion Ratio Lower Upper
104 100
78 45.9 33.2 49.8
103 56.5 43.6 65.4





#71
Bromoform
Concen: 58.652 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

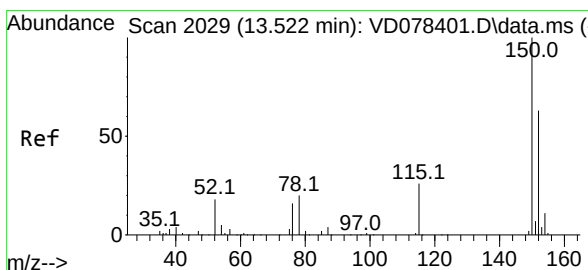
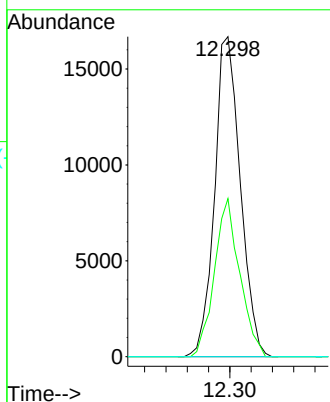
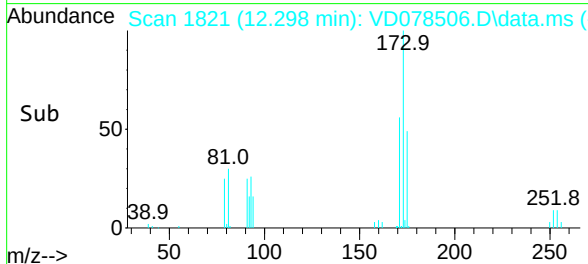
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



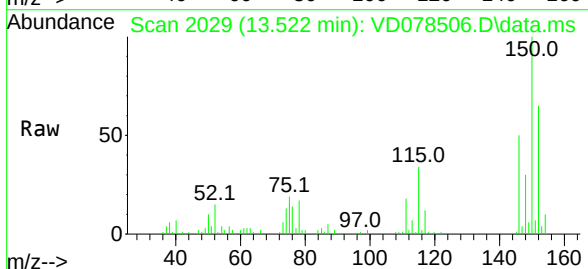
Tgt Ion:173 Resp: 2798
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

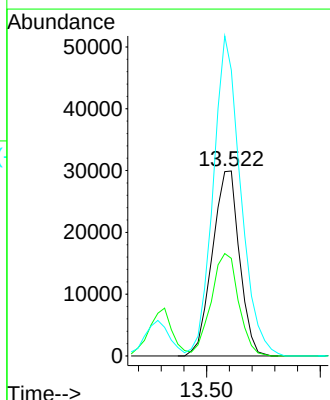
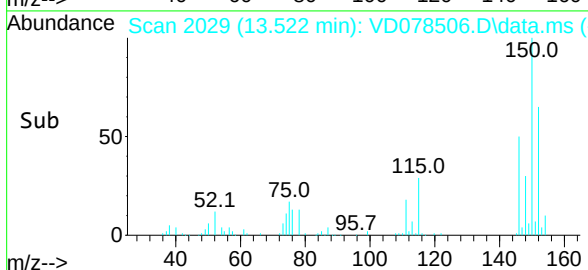
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

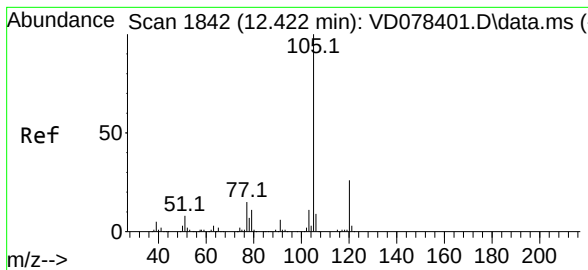


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32



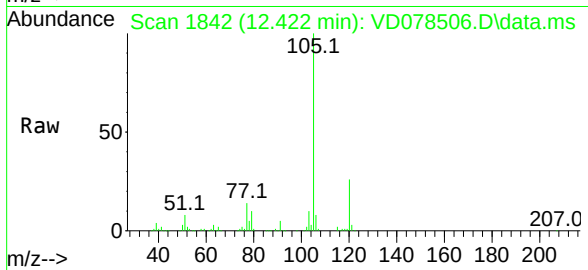
Tgt Ion:152 Resp: 49716
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 174.9 0.0 353.6





#73
Isopropylbenzene
Concen: 63.272 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

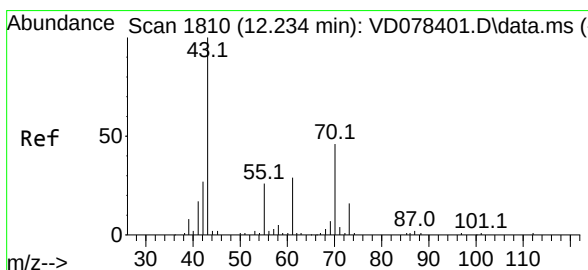
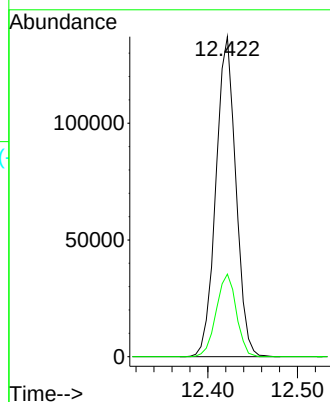
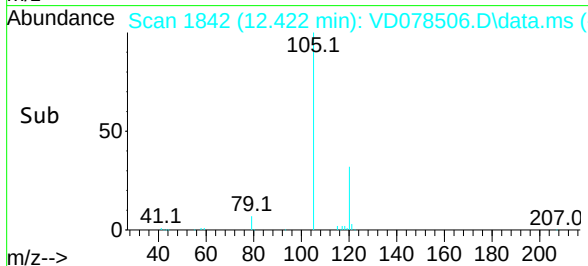
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion:105 Resp: 211220
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9

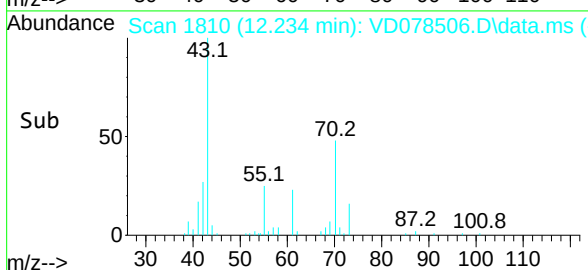
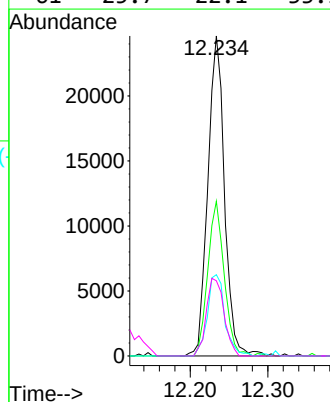
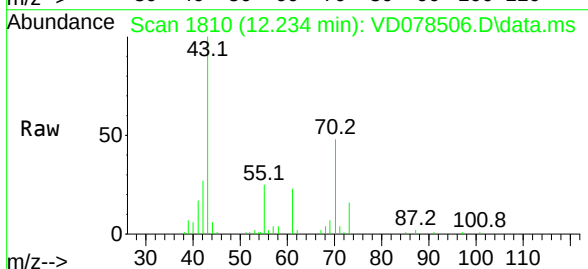
Manual Integrations
APPROVED

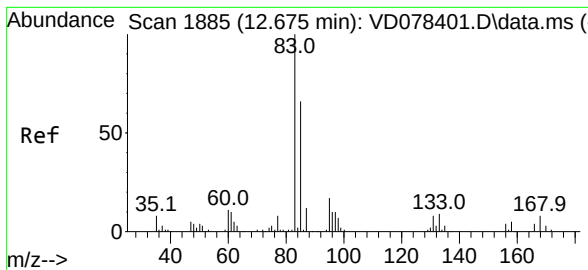
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#74
N-ethyl acetate
Concen: 58.305 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

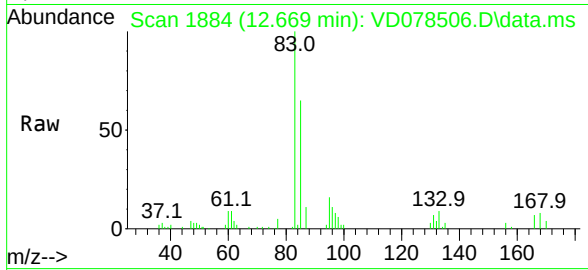
Tgt Ion: 43 Resp: 36823
Ion Ratio Lower Upper
43 100
70 47.5 45.0 67.4
55 26.6 23.8 35.6
61 25.7 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 82.942 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

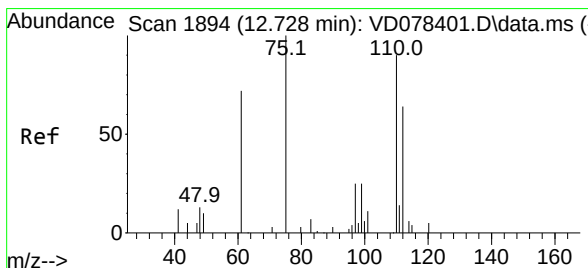
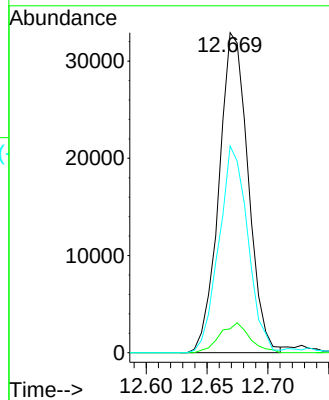
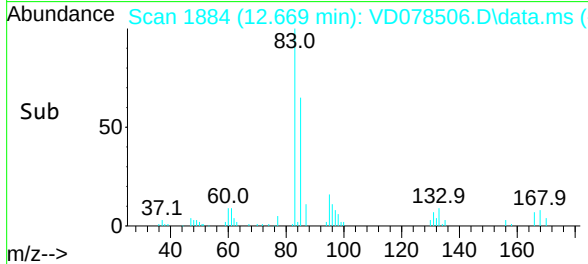
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 83 Resp: 54920
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.1 32.6 97.8

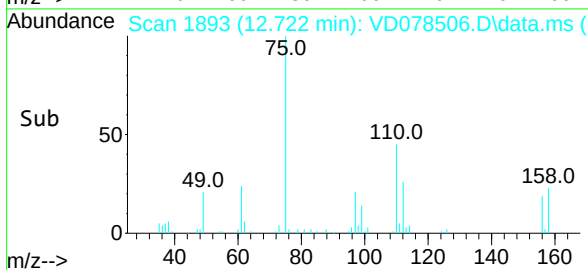
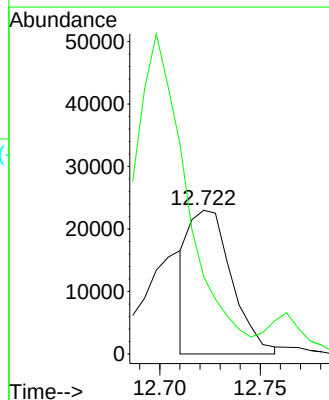
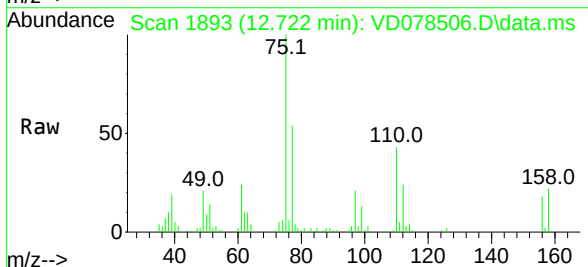
Manual Integrations
APPROVED

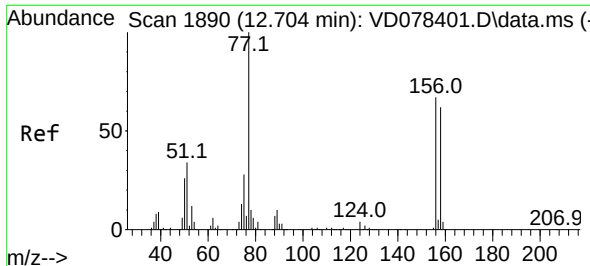
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#76
1,2,3-Trichloropropane
Concen: 80.728 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

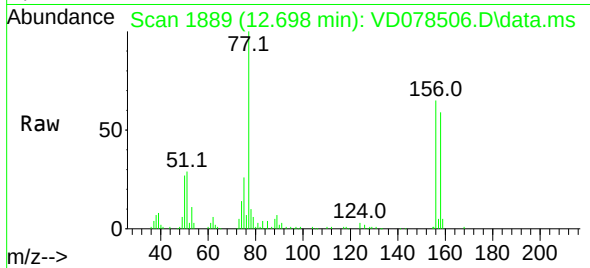
Tgt Ion: 75 Resp: 34073
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 69.900 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

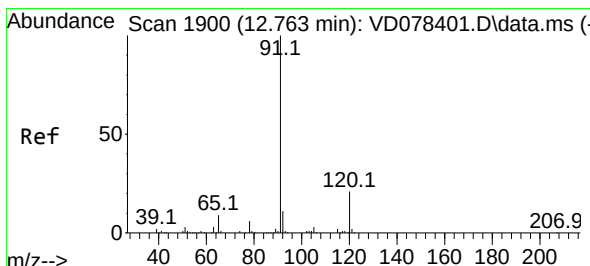
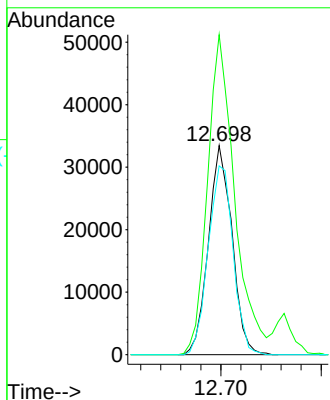
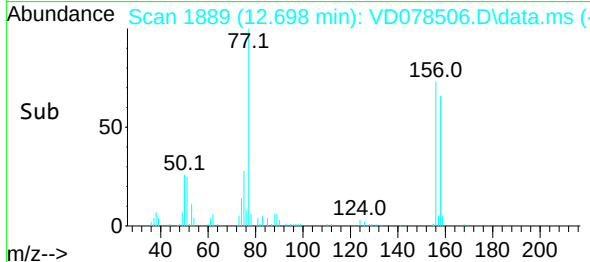
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



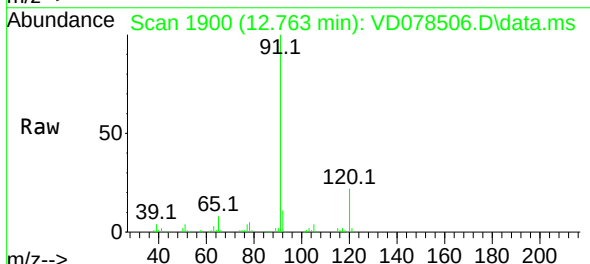
Tgt Ion:156 Resp: 5484
Ion Ratio Lower Upper
156 100
77 174.9 76.8 230.4
158 95.1 48.6 145.9

Manual Integrations
APPROVED

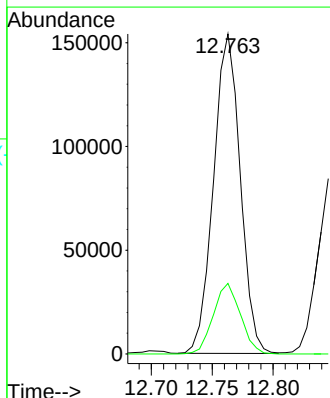
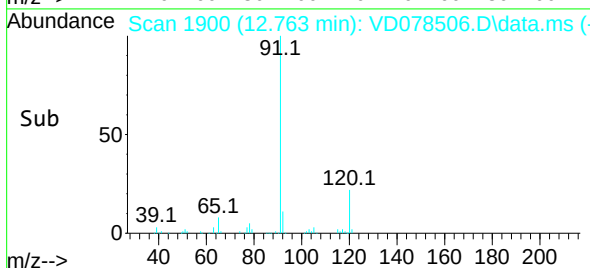
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

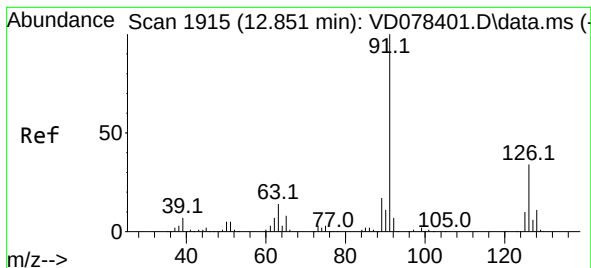


#78
n-propylbenzene
Concen: 56.496 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32



Tgt Ion: 91 Resp: 235037
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2





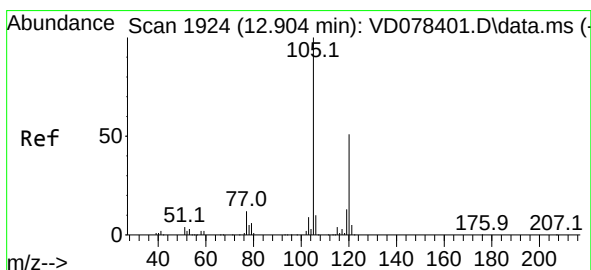
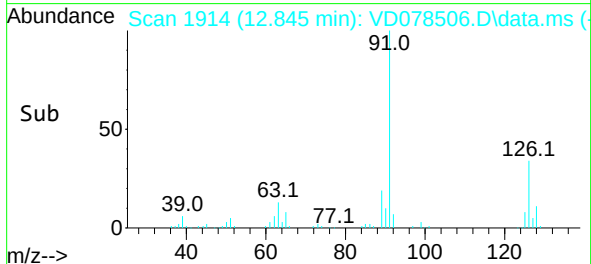
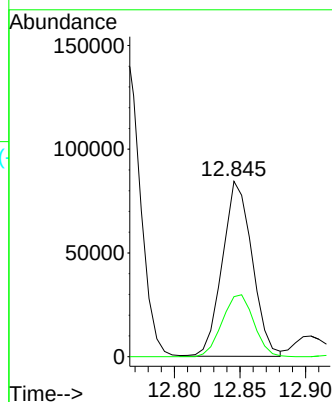
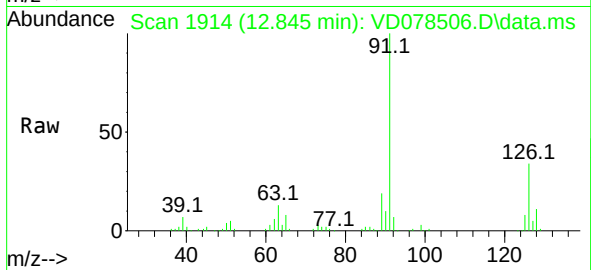
#79
2-Chlorotoluene
Concen: 59.916 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

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

Tgt Ion: 91 Resp: 13350
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.1

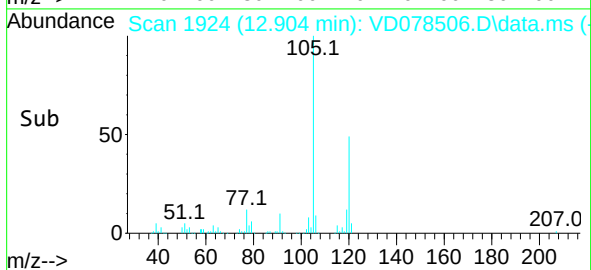
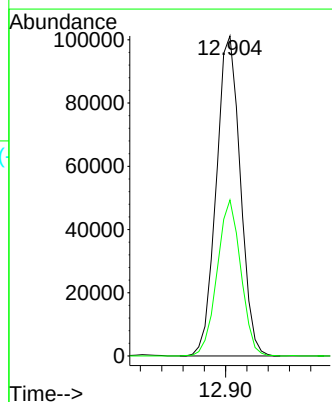
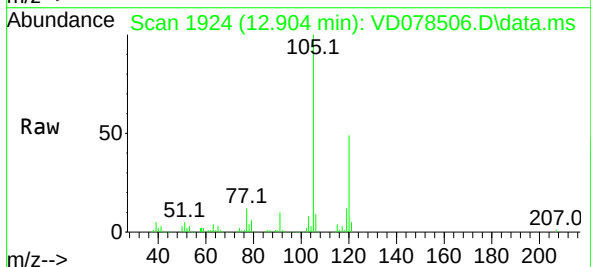
Manual Integrations
APPROVED

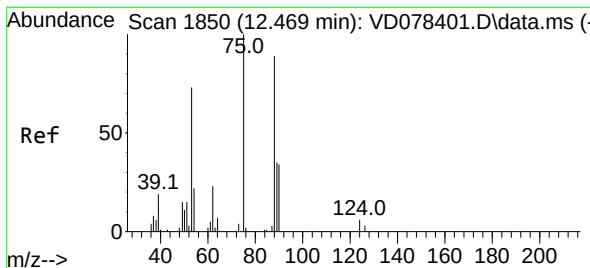
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 57.084 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

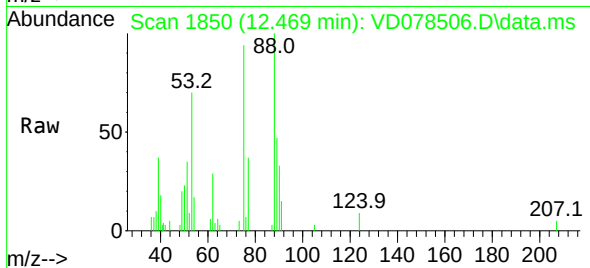
Tgt Ion:105 Resp: 158241
Ion Ratio Lower Upper
105 100
120 48.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.204 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

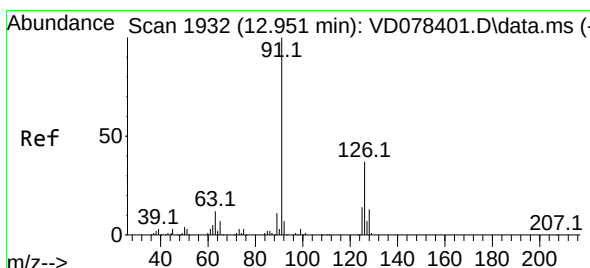
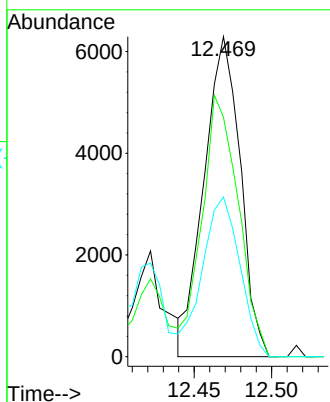
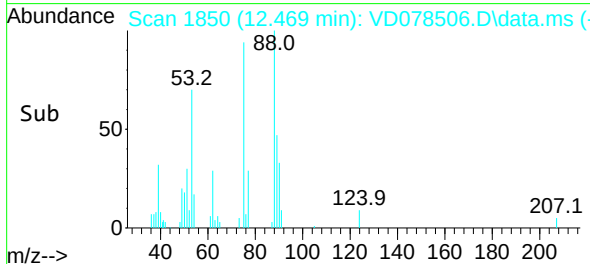
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion: 75 Resp: 1020
Ion Ratio Lower Upper
75 100
53 81.9 63.0 94.4
89 51.7 37.9 56.9

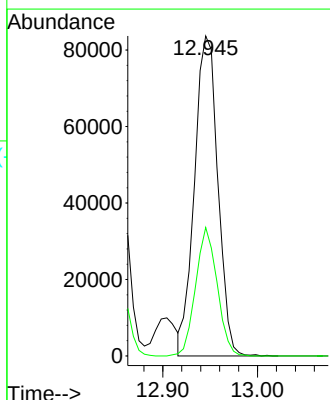
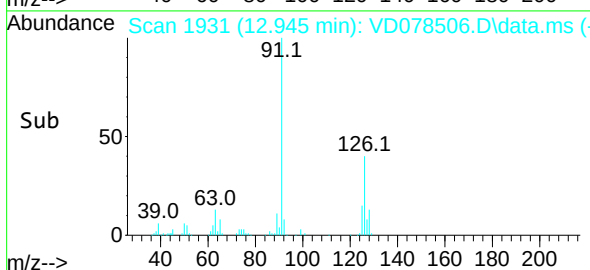
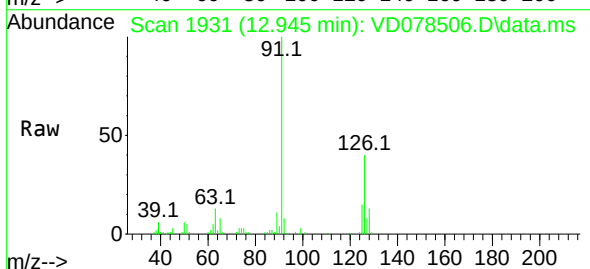
Manual Integrations
APPROVED

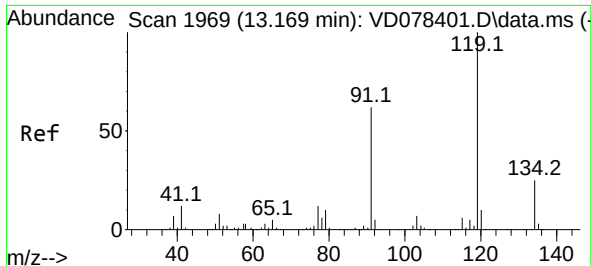
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#82
4-Chlorotoluene
Concen: 59.877 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

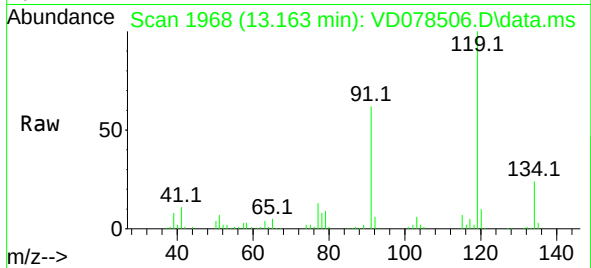
Tgt Ion: 91 Resp: 143294
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4





#83
tert-Butylbenzene
Concen: 52.404 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

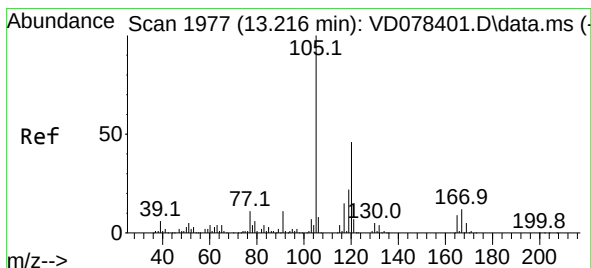
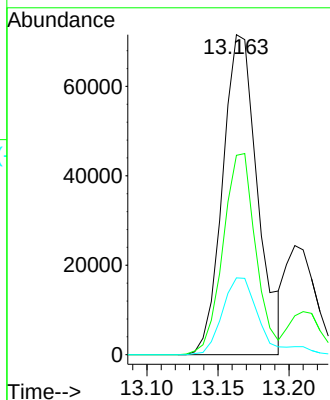
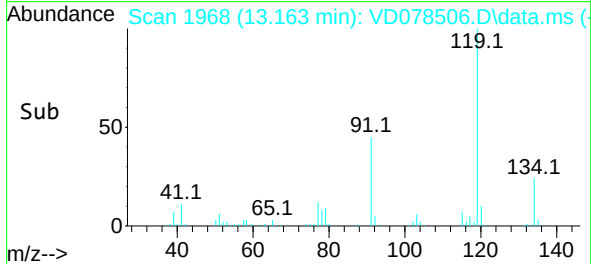
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



Tgt Ion:119 Resp: 122512
Ion Ratio Lower Upper
119 100
91 58.9 29.3 87.8
134 25.6 14.1 42.3

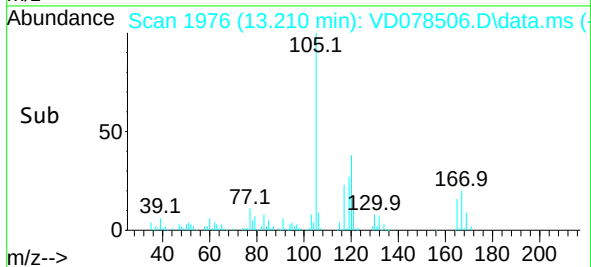
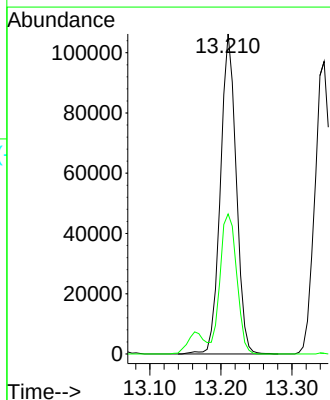
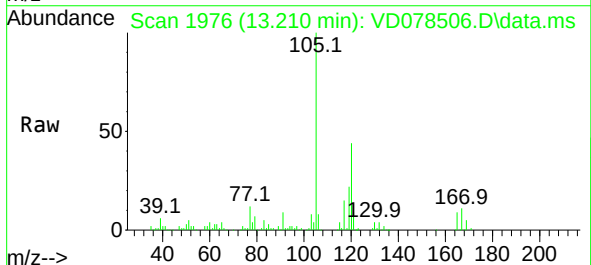
Manual Integrations
APPROVED

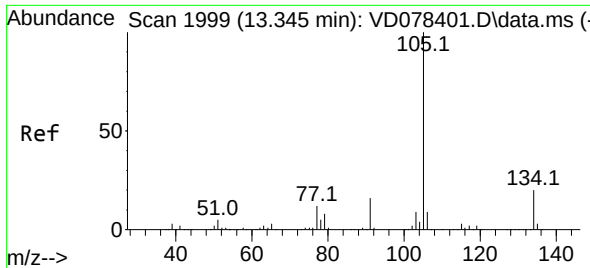
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#84
1,2,4-Trimethylbenzene
Concen: 58.100 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

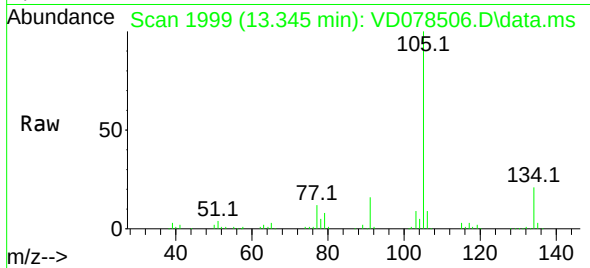
Tgt Ion:105 Resp: 163455
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 42.178 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078506.D
 Acq: 21 Feb 2024 18:32

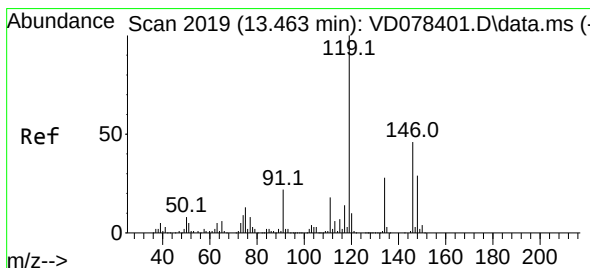
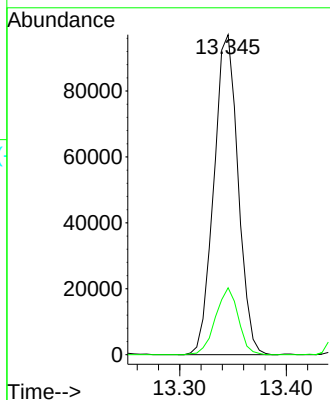
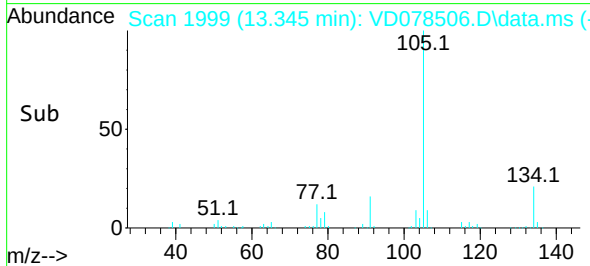
Instrument : MSVOA_D
 ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



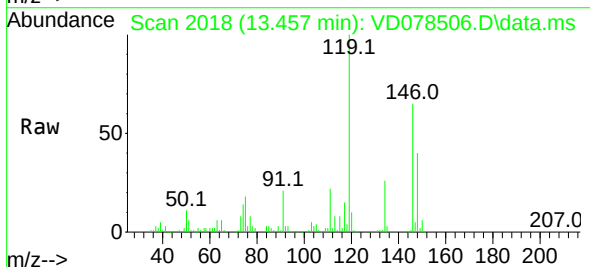
Tgt Ion:105 Resp: 15292
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9

Manual Integrations
 APPROVED

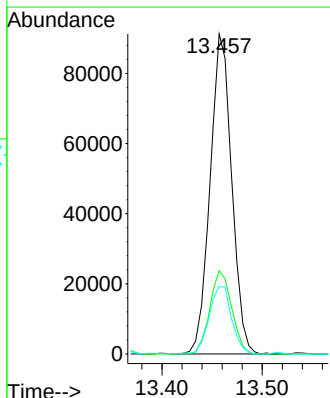
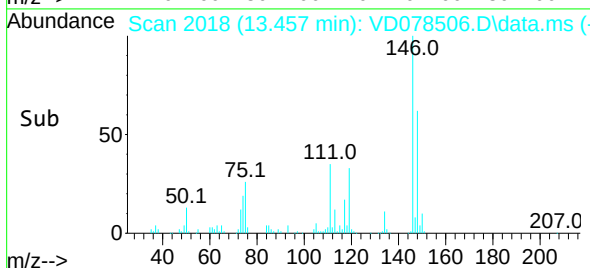
Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

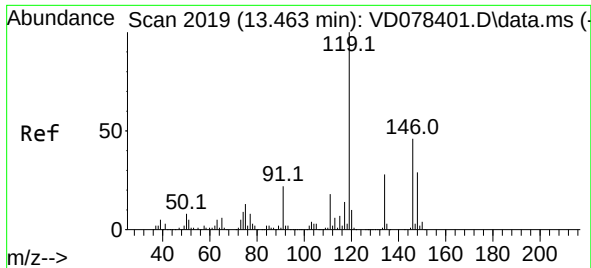


#86
 p-Isopropyltoluene
 Concen: 44.214 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078506.D
 Acq: 21 Feb 2024 18:32



Tgt Ion:119 Resp: 136539
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 22.1 10.5 31.5





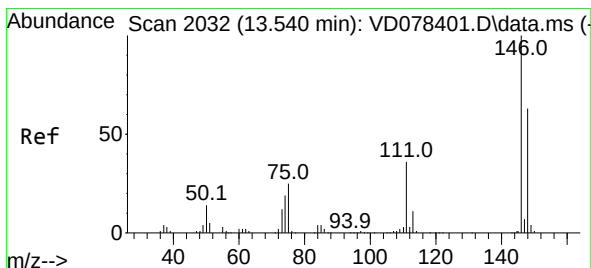
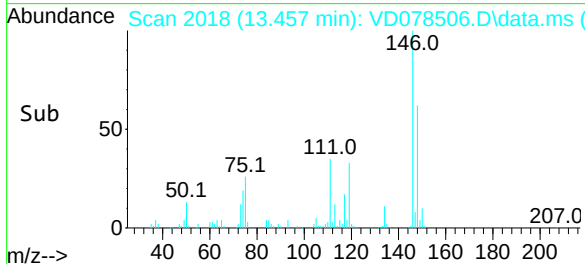
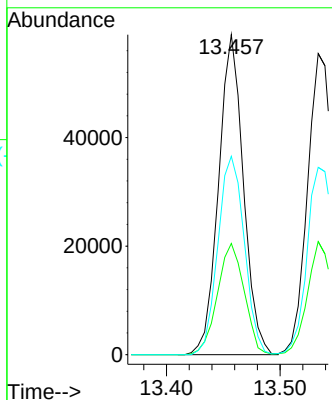
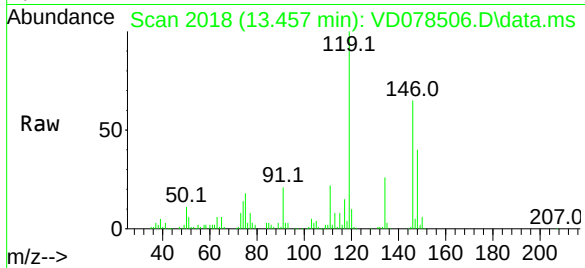
#87
1,3-Dichlorobenzene
Concen: 53.501 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

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

Tgt Ion:146 Resp: 8958
Ion Ratio Lower Upper
146 100
111 37.5 17.9 53.8
148 65.9 32.3 96.8

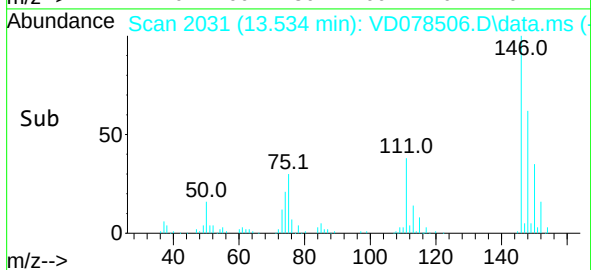
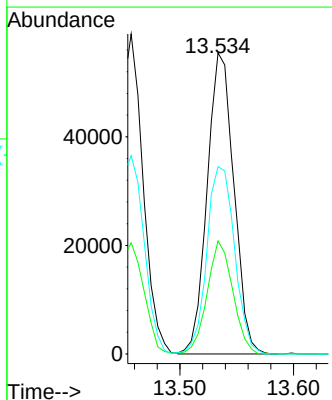
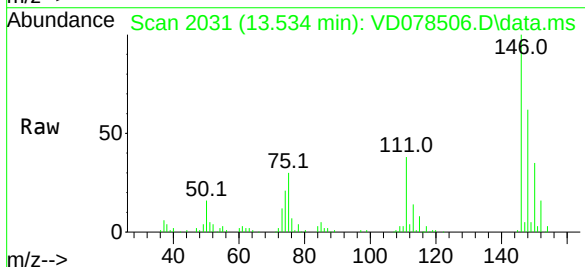
Manual Integrations
APPROVED

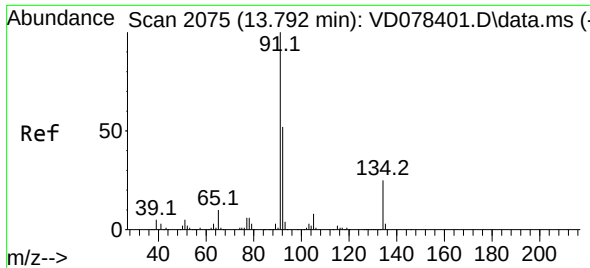
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#88
1,4-Dichlorobenzene
Concen: 55.096 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

Tgt Ion:146 Resp: 90650
Ion Ratio Lower Upper
146 100
111 36.1 17.4 52.3
148 64.9 31.7 95.1





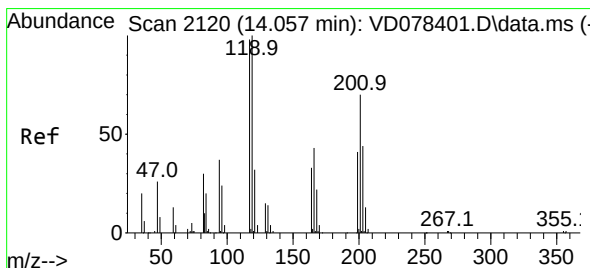
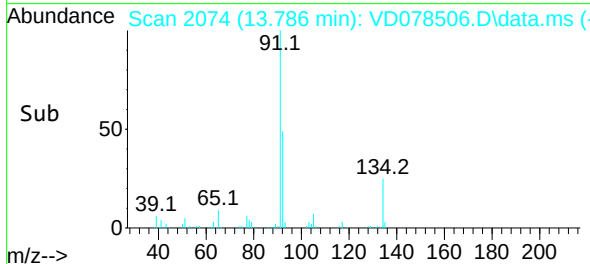
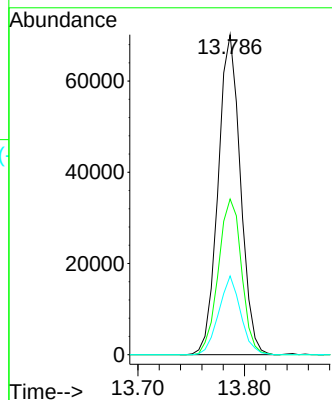
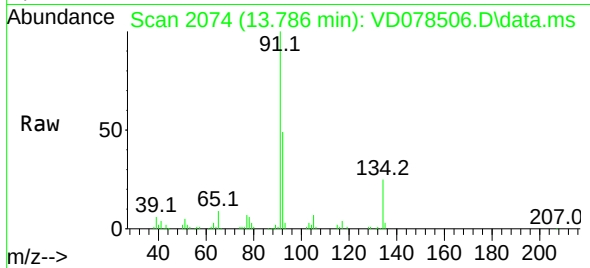
#89
n-Butylbenzene
Concen: 34.270 ug/l
RT: 13.786 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

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

Tgt Ion: 91 Resp: 102000
Ion Ratio Lower Upper
91 100
92 50.5 26.5 79.5
134 24.2 13.8 41.3

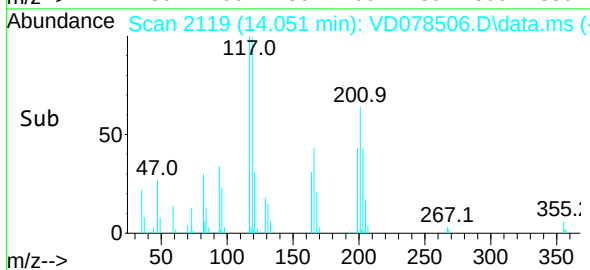
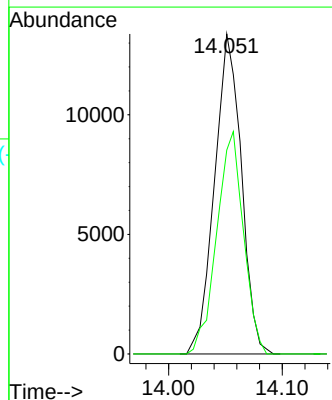
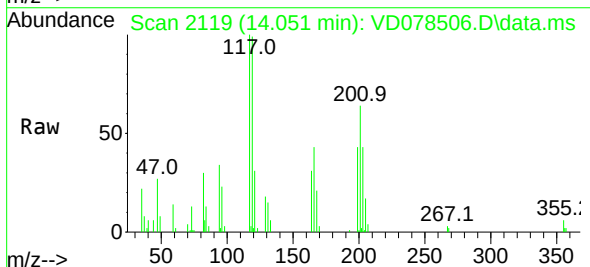
Manual Integrations
APPROVED

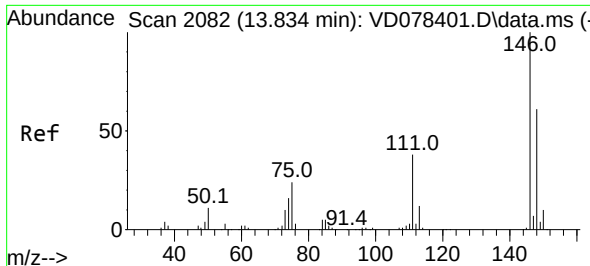
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#90
Hexachloroethane
Concen: 34.543 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

Tgt Ion:117 Resp: 21925
Ion Ratio Lower Upper
117 100
201 69.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 56.808 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

Instrument :

MSVOA_D

ClientSampleId :

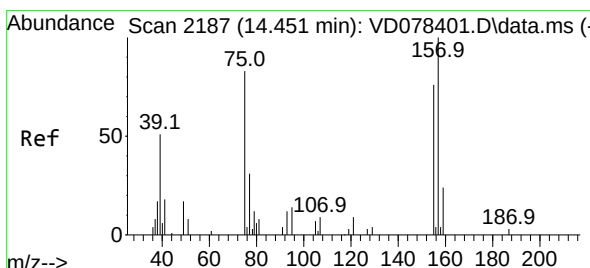
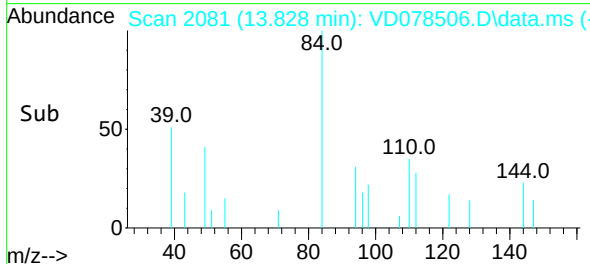
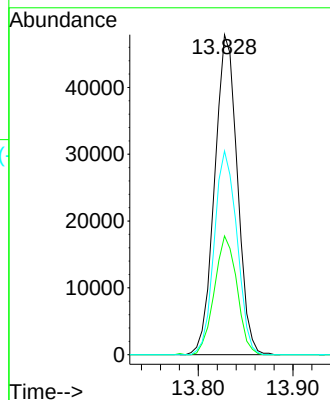
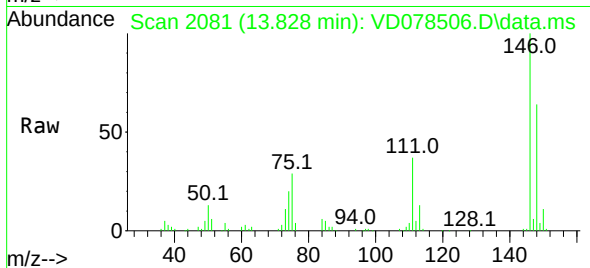
20241101-COMPOSITE-35N-N-4-06M

Tgt Ion:146	Resp:	79880
Ion Ratio	Lower	Upper
146	100	
111	36.9	18.3 54.8
148	63.6	31.6 94.7

Manual Integrations

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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: 73.774 ug/l

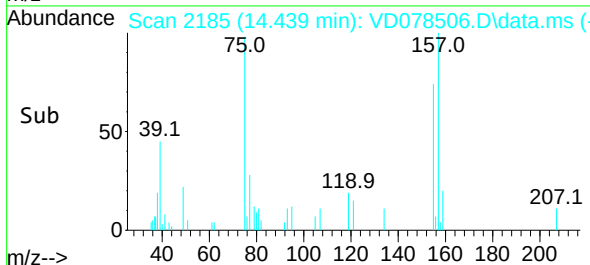
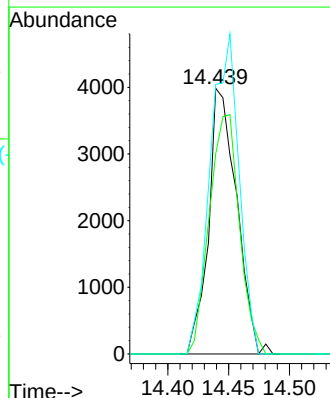
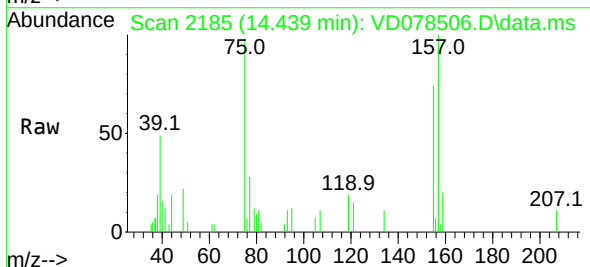
RT: 14.439 min Scan# 2185

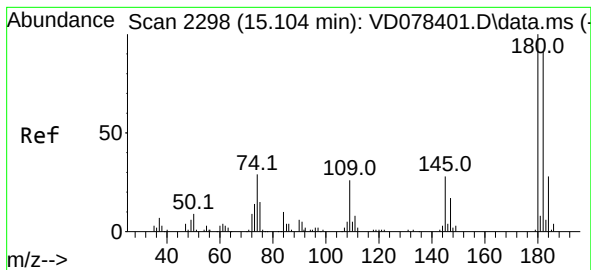
Delta R.T. -0.012 min

Lab File: VD078506.D

Acq: 21 Feb 2024 18:32

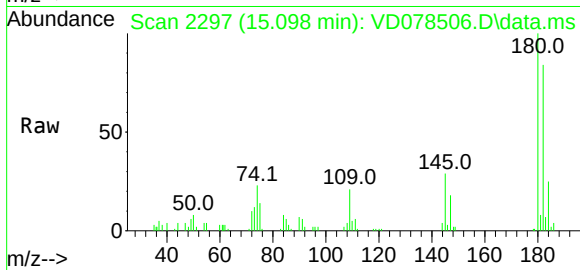
Tgt Ion: 75	Resp:	6397
Ion Ratio	Lower	Upper
75	100	
155	96.7	47.9 143.8
157	122.9	59.9 179.7





#93
 1,2,4-Trichlorobenzene
 Concen: 32.873 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078506.D
 Acq: 21 Feb 2024 18:32

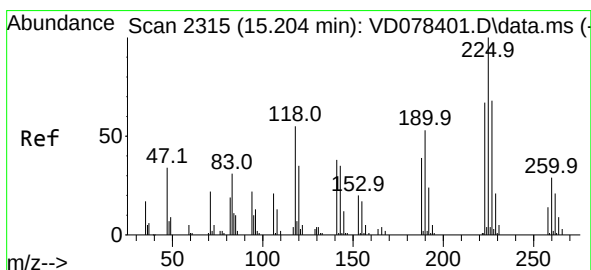
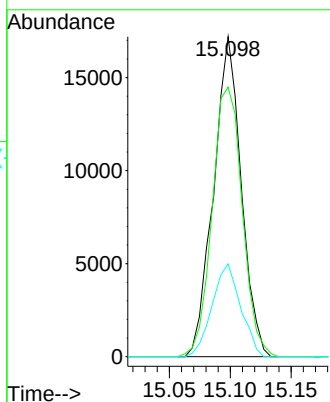
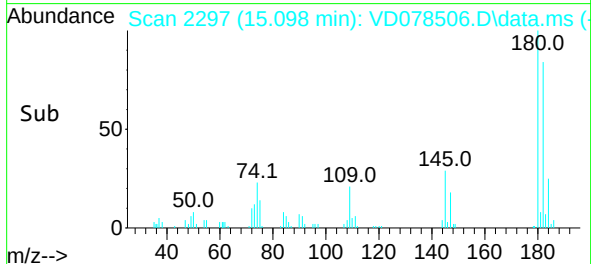
Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06M



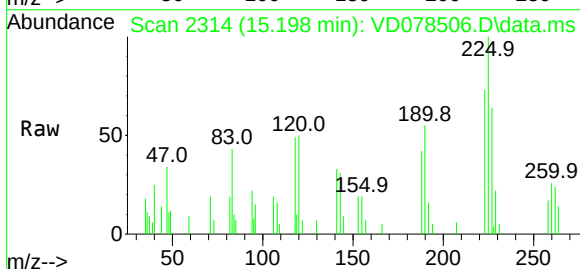
Tgt Ion:180 Resp: 2716
 Ion Ratio Lower Upper
 180 100
 182 91.7 48.5 145.6
 145 29.9 14.2 42.6

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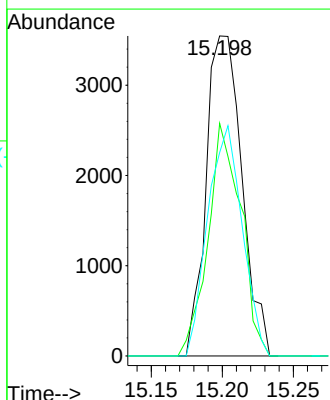
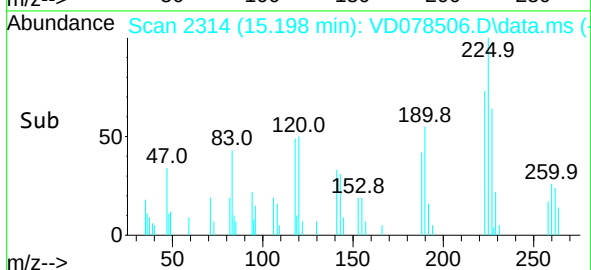
Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

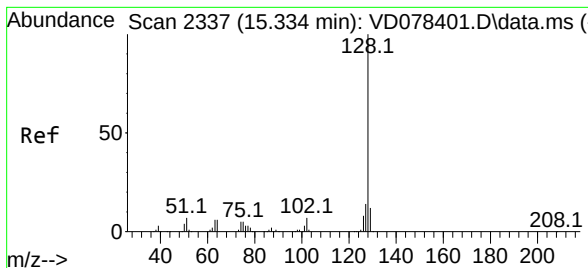


#94
 Hexachlorobutadiene
 Concen: 14.446 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD078506.D
 Acq: 21 Feb 2024 18:32



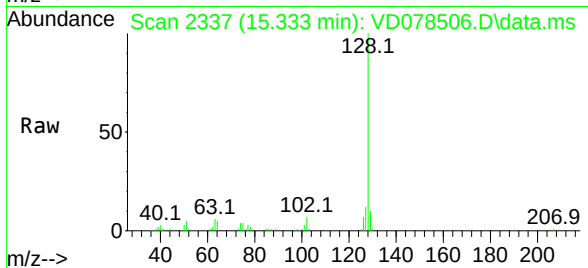
Tgt Ion:225 Resp: 6231
 Ion Ratio Lower Upper
 225 100
 223 66.7 31.6 94.8
 227 69.2 31.7 95.1





#95
Naphthalene
Concen: 47.861 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32

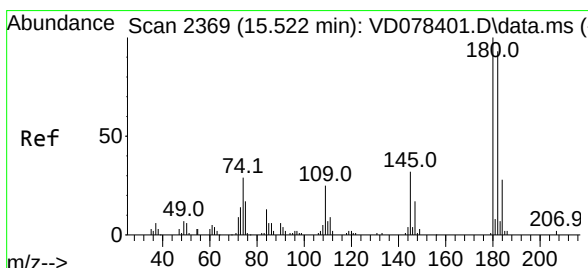
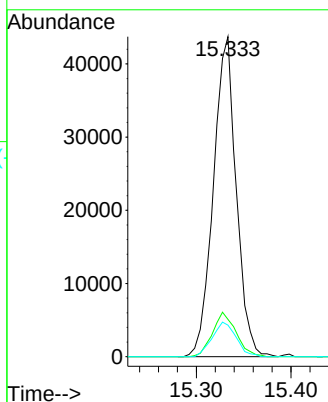
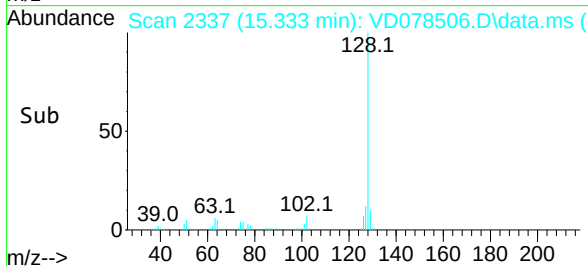
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06M



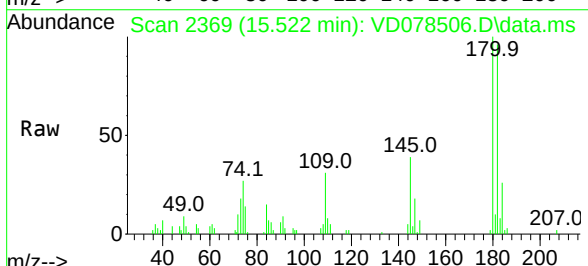
Tgt Ion:128 Resp: 73359
Ion Ratio Lower Upper
128 100
127 11.7 10.5 15.7
129 9.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 32.169 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078506.D
Acq: 21 Feb 2024 18:32



Tgt Ion:180 Resp: 22530
Ion Ratio Lower Upper
180 100
182 98.9 47.3 141.9
145 34.2 15.1 45.3

