

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078525.D
 Acq On : 22 Feb 2024 18:49
 Operator : RP/MD
 Sample : P1538-15MS
 Misc : 5.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Quant Time: Feb 23 01:08:20 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 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	93051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	145864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54603	54.271	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.540%			
35) Dibromofluoromethane	7.810	113	319	0.318	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 0.640%#			
50) Toluene-d8	10.269	98	201460	50.202	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.575	95	54978	47.079	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	47670	51.995	ug/l	96
3) Chloromethane	2.152	50	93855	55.704	ug/l	100
4) Vinyl Chloride	2.275	62	136620	53.138	ug/l	96
5) Bromomethane	2.681	94	78674	44.332	ug/l	99
6) Chloroethane	2.828	64	101463	54.120	ug/l	100
7) Trichlorofluoromethane	3.164	101	83065	47.894	ug/l	98
8) Diethyl Ether	3.593	74	27044	54.137	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.958	101	49612	45.344	ug/l	96
10) Methyl Iodide	4.158	142	36997	37.753	ug/l	92
11) Tert butyl alcohol	5.058	59	16706	307.666	ug/l #	91
12) 1,1-Dichloroethene	3.934	96	66470	65.528	ug/l	94
13) Acrolein	3.787	56	1075	11.566	ug/l #	83
14) Allyl chloride	4.558	41	48162	38.433	ug/l	93
15) Acrylonitrile	5.258	53	59620	278.794	ug/l	98
16) Acetone	4.022	43	72722	397.987	ug/l	87
17) Carbon Disulfide	4.263	76	208218	61.002	ug/l	99
18) Methyl Acetate	4.599	43	300	4.328	ug/l #	42
19) Methyl tert-butyl Ether	5.316	73	122054	56.633	ug/l	97
20) Methylene Chloride	4.799	84	84375	75.614	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	58526	49.044	ug/l	95
22) Diisopropyl ether	6.222	45	132328	47.910	ug/l	99
23) Vinyl Acetate	6.216	43	74069	54.469	ug/l #	63
24) 1,1-Dichloroethane	6.110	63	97962	50.067	ug/l	97
25) 2-Butanone	7.081	43	79724	316.958	ug/l	88
26) 2,2-Dichloropropane	7.081	77	77249	47.096	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	68012	51.947	ug/l	98
28) Bromochloromethane	7.428	49	43187	55.728	ug/l	87
29) Tetrahydrofuran	7.446	42	45198	302.076	ug/l	92
30) Chloroform	7.593	83	106991	51.682	ug/l	96
31) Cyclohexane	7.875	56	57834	33.981	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	86541	49.031	ug/l	98
36) 1,1-Dichloropropene	8.004	75	73150	46.939	ug/l	97
37) Ethyl Acetate	7.081	43	79724	145.936	ug/l #	1
38) Carbon Tetrachloride	7.993	117	67838	43.955	ug/l	98
39) Methylcyclohexane	9.275	83	45927	24.824	ug/l	99
40) Benzene	8.251	78	233189	51.768	ug/l	97

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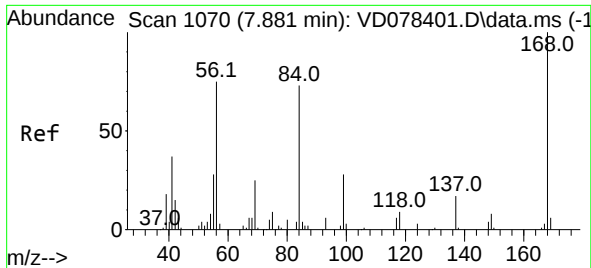
Quant Time: Feb 23 01:08:20 2024
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14012	49.284	ug/l #	76
42) 1,2-Dichloroethane	8.328	62	63655	54.614	ug/l	95
43) Isopropyl Acetate	8.357	43	1088	1.076	ug/l #	43
44) Trichloroethene	9.028	130	111466	96.997	ug/l	88
45) 1,2-Dichloropropane	9.304	63	58547	52.974	ug/l	99
46) Dibromomethane	9.398	93	34630	55.707	ug/l	91
47) Bromodichloromethane	9.587	83	71886	46.688	ug/l	99
48) Methyl methacrylate	9.304	41	43141	80.383	ug/l #	11
49) 1,4-Dioxane	9.387	88	8183	1215.517	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	163768	305.022	ug/l	93
52) Toluene	10.334	92	143161	50.257	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	67810	48.266	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	74101	43.497	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	31925	38.135	ug/l	95
57) 1,3-Dichloropropane	10.875	76	81059	56.921	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	160481	351.881	ug/l	96
59) 2-Hexanone	10.922	43	119800	296.909	ug/l	93
60) Dibromochloromethane	11.075	129	52903	52.522	ug/l	95
61) 1,2-Dibromoethane	11.181	107	45709	58.159	ug/l	99
64) Tetrachloroethene	10.810	164	75179	81.599	ug/l	93
65) Chlorobenzene	11.604	112	146666	50.015	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	54985	51.023	ug/l	98
67) Ethyl Benzene	11.681	91	243274	46.301	ug/l	99
68) m/p-Xylenes	11.792	106	192267	93.813	ug/l	93
69) o-Xylene	12.122	106	89017	47.595	ug/l	92
70) Styrene	12.134	104	139469	45.692	ug/l	94
71) Bromoform	12.298	173	31546	55.615	ug/l #	100
73) Isopropylbenzene	12.422	105	197571	47.487	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	34337m	65.278	ug/l	
77) Bromobenzene	12.698	156	56677	57.965	ug/l	88
78) n-propylbenzene	12.763	91	223513	43.110	ug/l	96
79) 2-Chlorotoluene	12.851	91	135588	48.826	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	153765	44.509	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	10290	40.612	ug/l	100
82) 4-Chlorotoluene	12.945	91	147198	49.354	ug/l	96
83) tert-Butylbenzene	13.169	119	114083	39.156	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	161100	45.948	ug/l	97
85) sec-Butylbenzene	13.345	105	143291	31.712	ug/l	95
86) p-Isopropyltoluene	13.457	119	131985	34.294	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	96781	46.376	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	100596	49.059	ug/l	99
89) n-Butylbenzene	13.786	91	94606	25.504	ug/l	97
90) Hexachloroethane	14.051	117	25524	32.268	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	87606	49.992	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5168	47.824	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	32606	31.659	ug/l	94
94) Hexachlorobutadiene	15.204	225	5875	10.929	ug/l	99
95) Naphthalene	15.328	128	99675	52.180	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	27650	31.678	ug/l	97

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



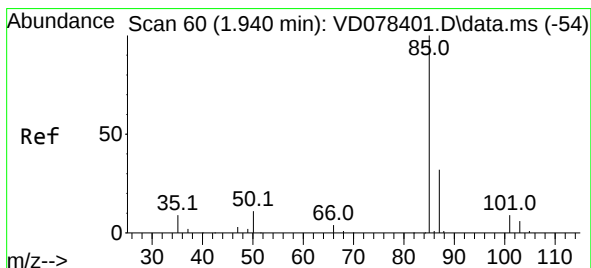
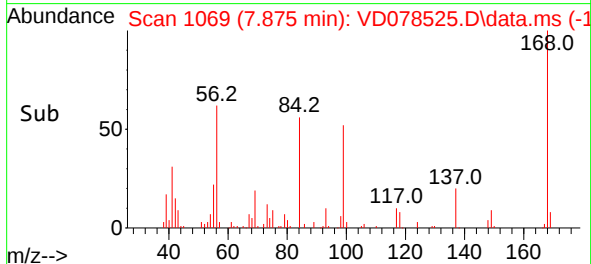
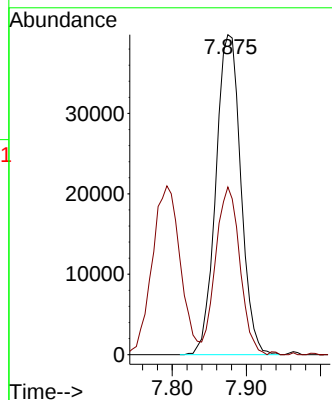
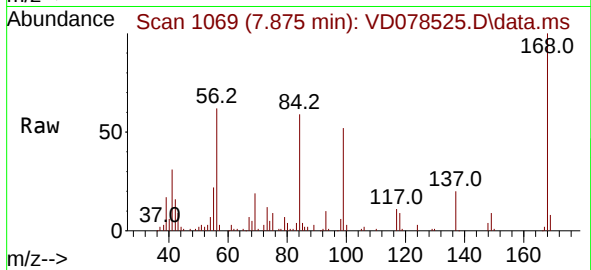
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:168 Resp: 9305
Ion Ratio Lower Upper
168 100
99 52.4 36.7 55.1

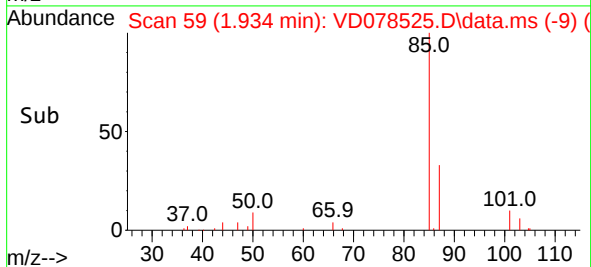
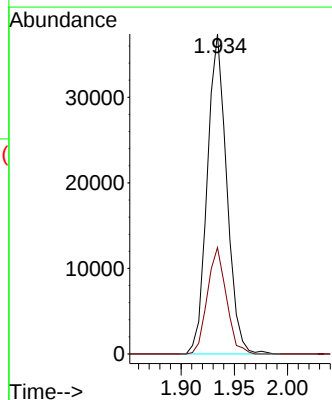
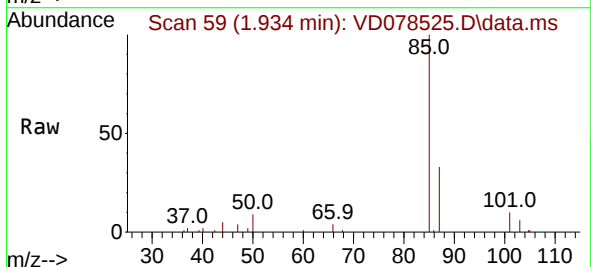
Manual Integrations
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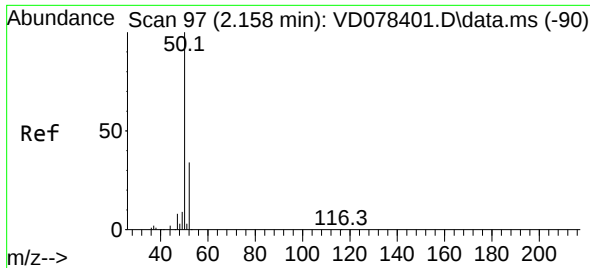
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#2
Dichlorodifluoromethane
Concen: 51.995 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

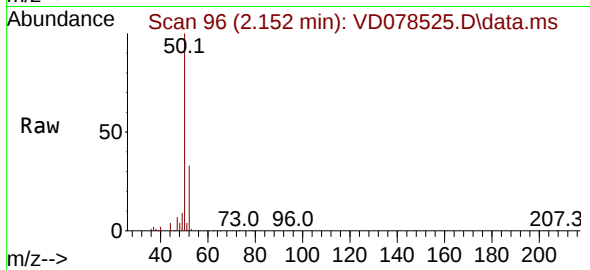
Tgt Ion: 85 Resp: 47670
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0





#3
Chloromethane
Concen: 55.704 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

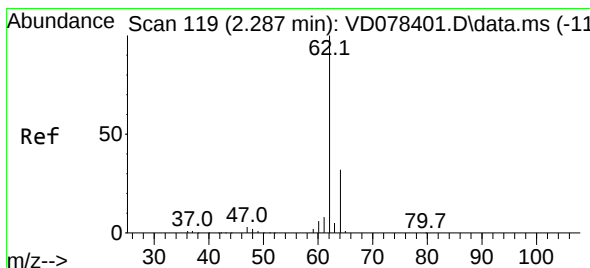
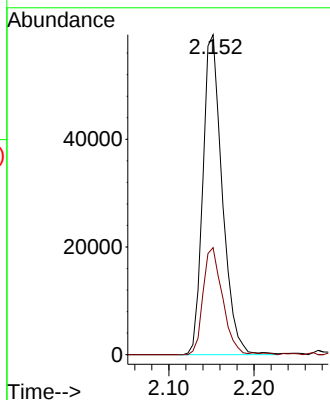
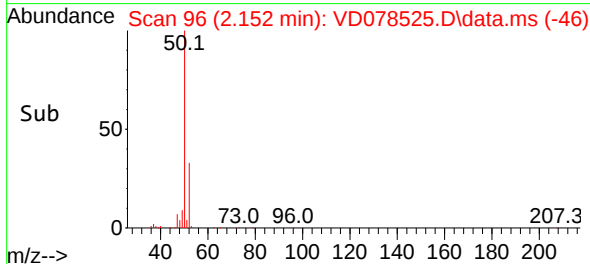
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 50 Resp: 9385
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

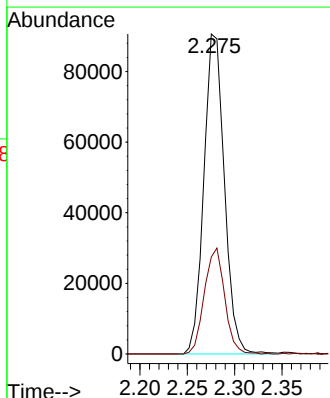
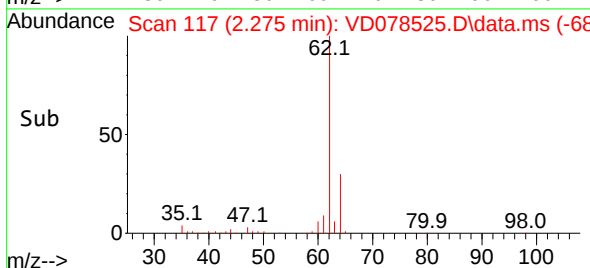
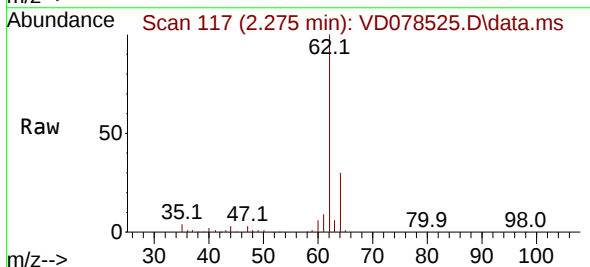
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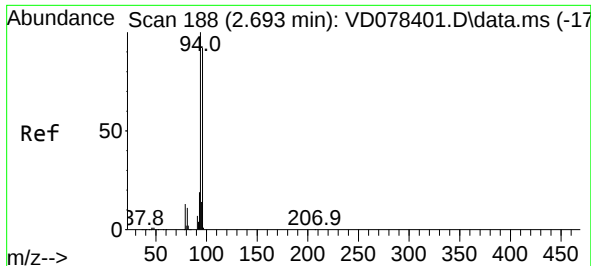
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#4
Vinyl Chloride
Concen: 53.138 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

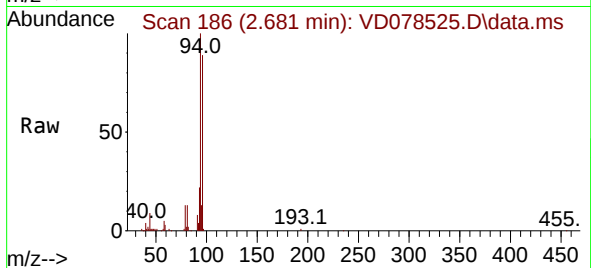
Tgt Ion: 62 Resp: 136620
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0





#5
Bromomethane
Concen: 44.332 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

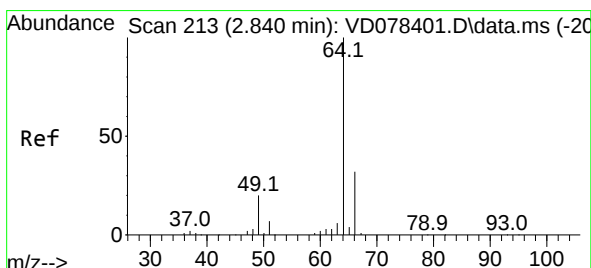
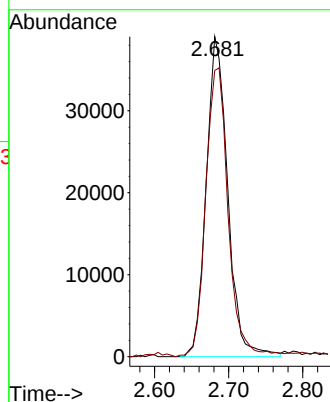
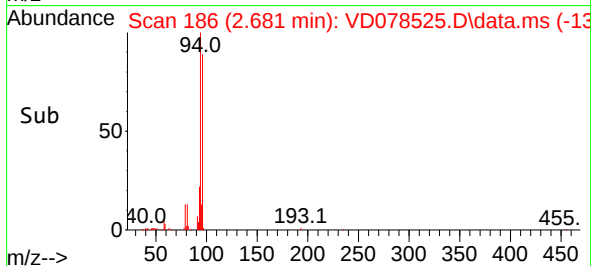
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 94 Resp: 78674
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8

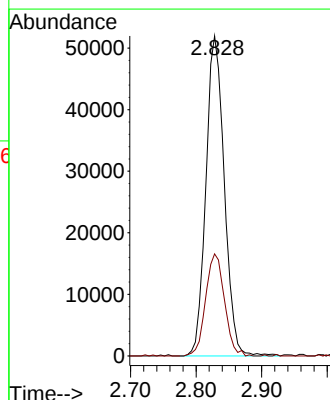
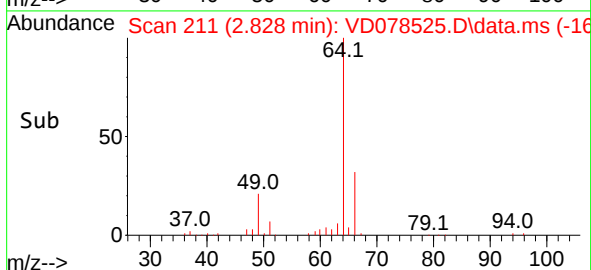
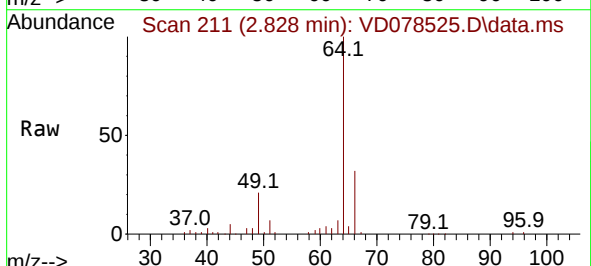
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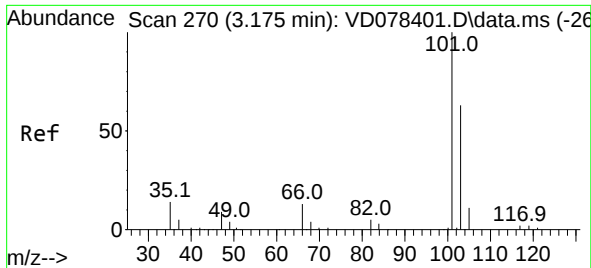
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#6
Chloroethane
Concen: 54.120 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

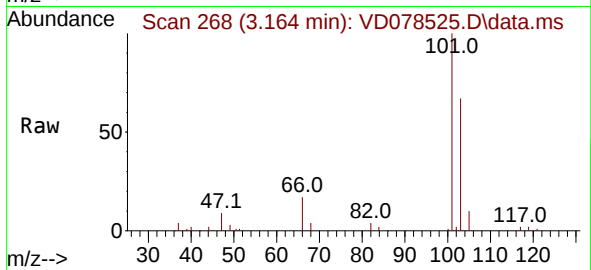
Tgt Ion: 64 Resp: 101463
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 47.894 ug/l
 RT: 3.164 min Scan# 210
 Delta R.T. -0.012 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

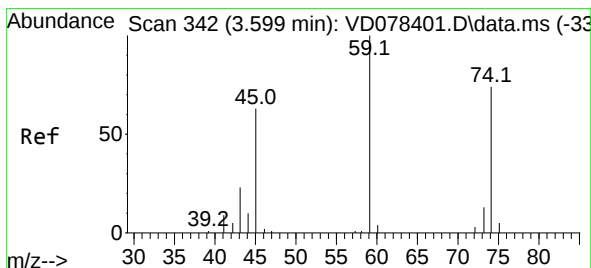
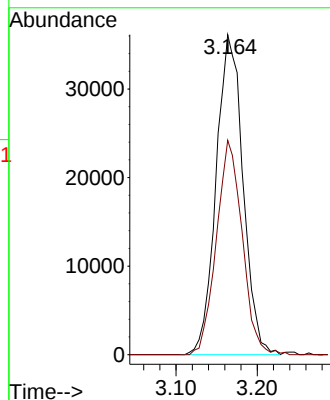
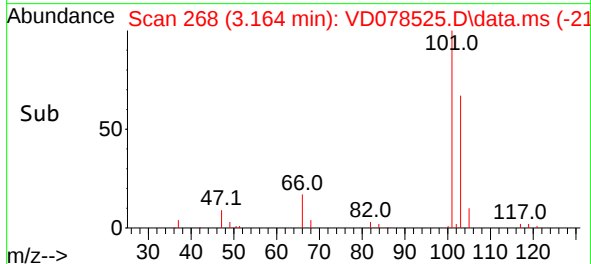
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Tgt Ion:101 Resp: 8306
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.3 78.5

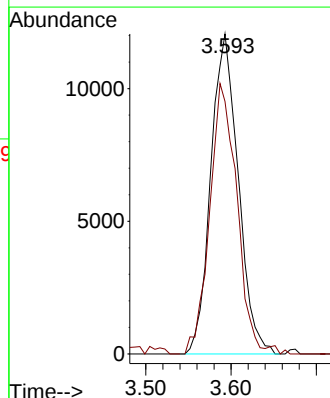
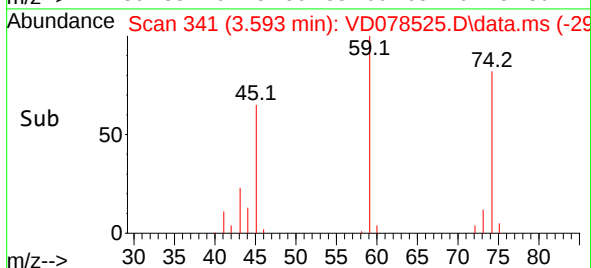
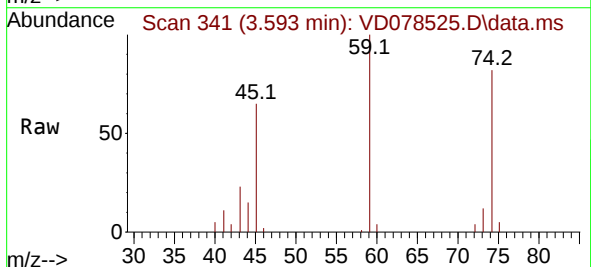
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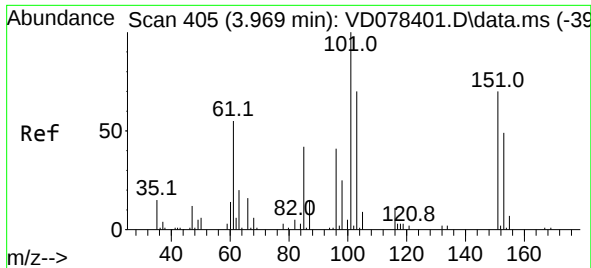
Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024



#8
 Diethyl Ether
 Concen: 54.137 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

Tgt Ion: 74 Resp: 27044
 Ion Ratio Lower Upper
 74 100
 45 83.1 37.5 112.7





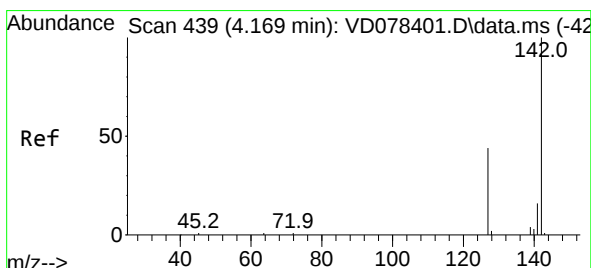
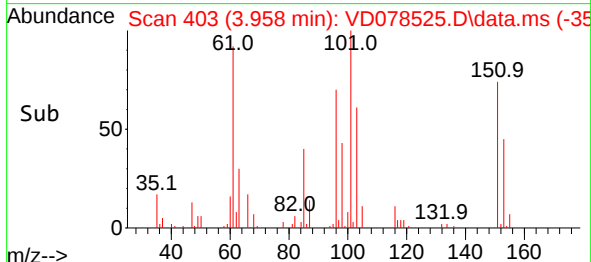
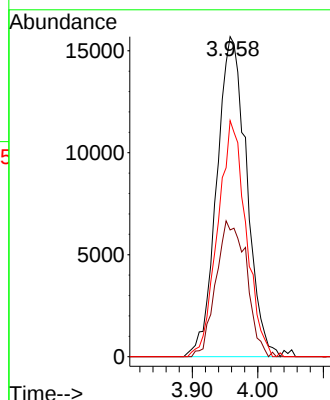
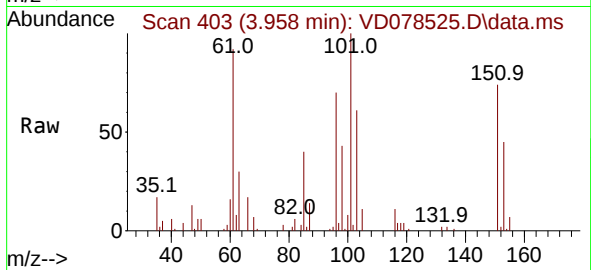
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1,1,2-Trichlorotrifluoroethane
Concen: 45.344 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD078525.D
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Tgt Ion:101 Resp: 4961
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 69.8 59.8 89.6

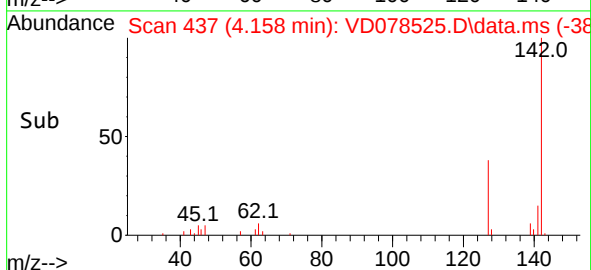
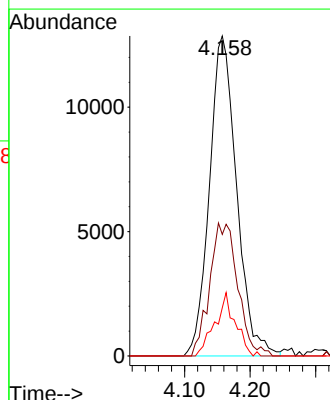
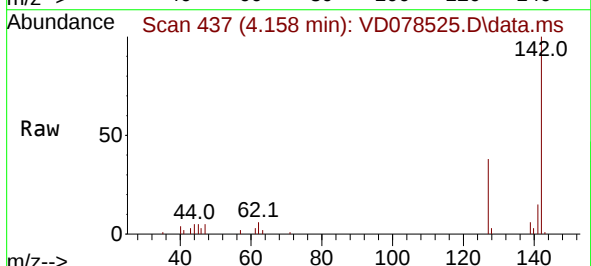
Manual Integrations
APPROVED

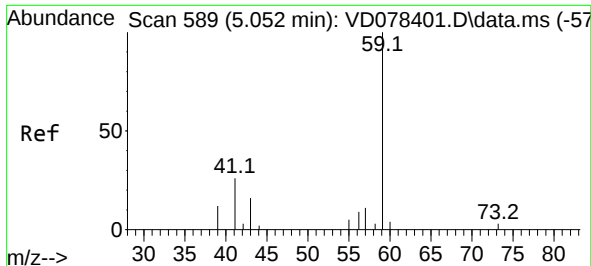
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#10
Methyl Iodide
Concen: 37.753 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion:142 Resp: 36997
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 14.9 11.1 16.7





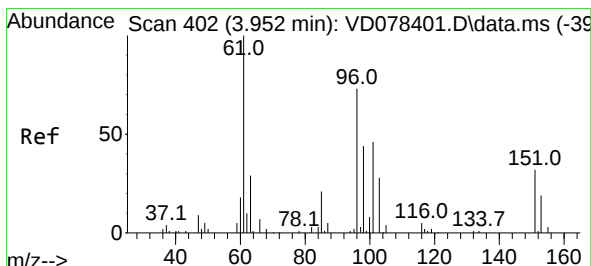
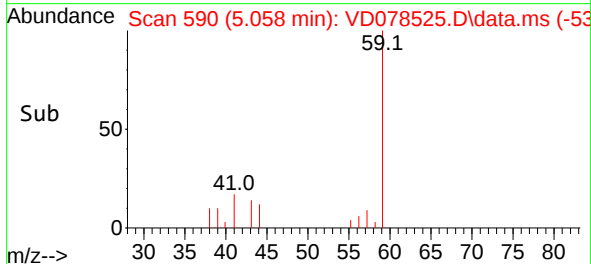
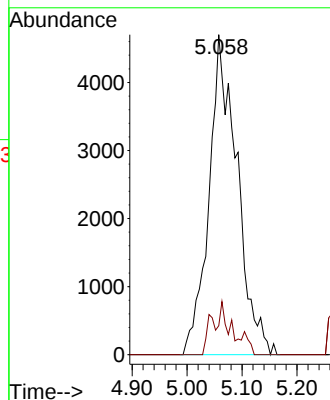
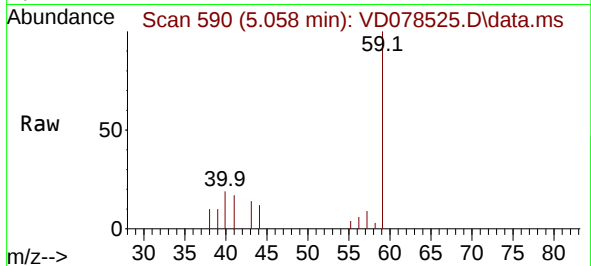
#11
Tert butyl alcohol
Concen: 307.666 ug/l
RT: 5.058 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 59 Resp: 16700
Ion Ratio Lower Upper
59 100
57 6.6 7.8 11.8

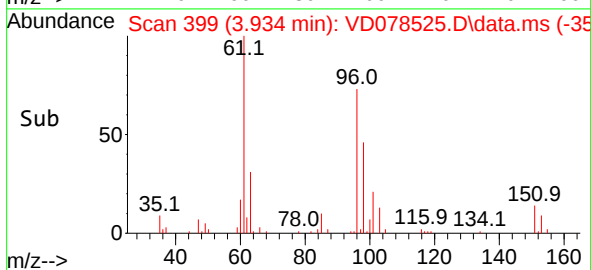
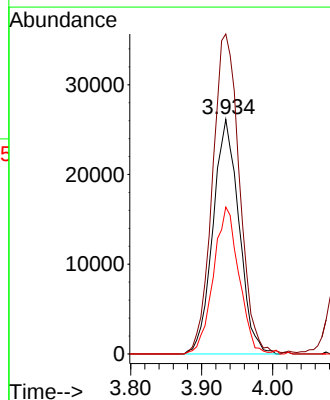
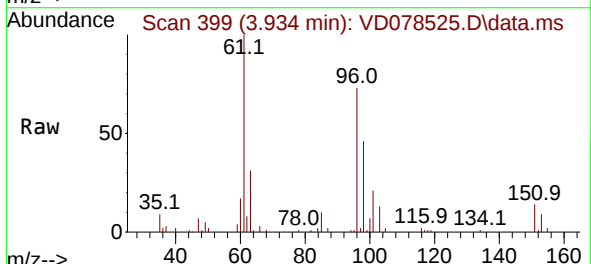
Manual Integrations
APPROVED

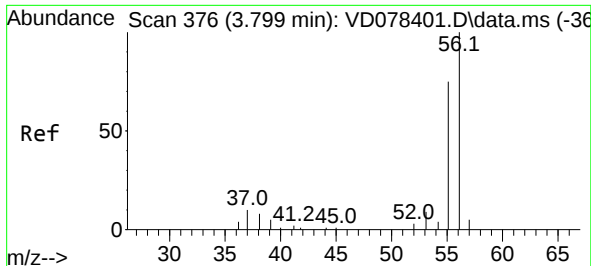
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#12
1,1-Dichloroethene
Concen: 65.528 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

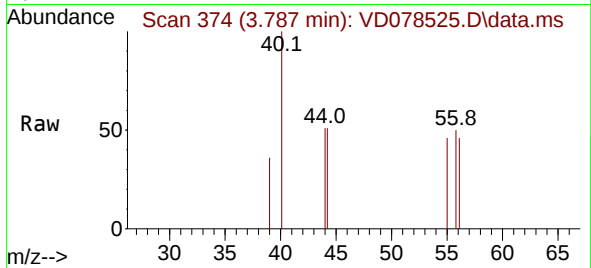
Tgt Ion: 96 Resp: 66470
Ion Ratio Lower Upper
96 100
61 136.4 100.6 150.8
98 62.6 50.2 75.2





#13
Acrolein
Concen: 11.566 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

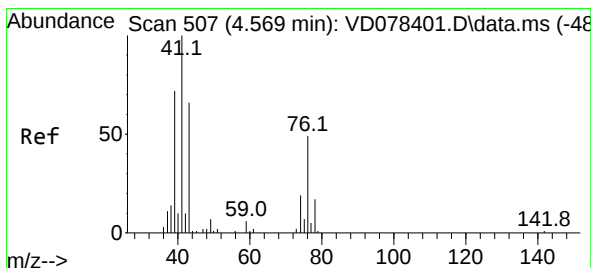
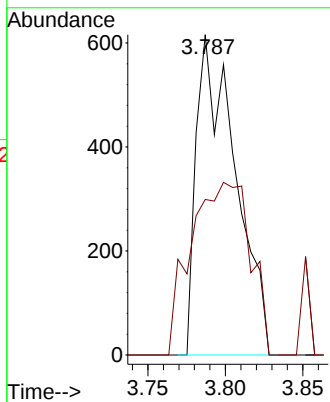
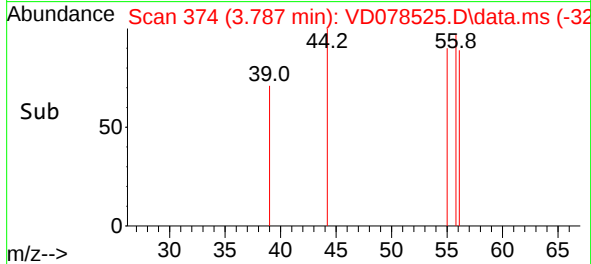
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 82.7 55.1 82.7

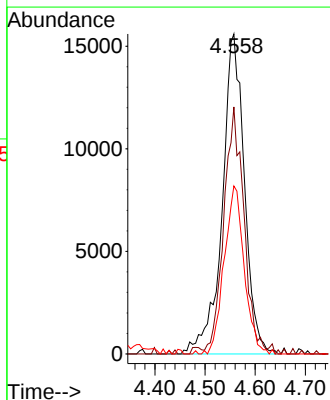
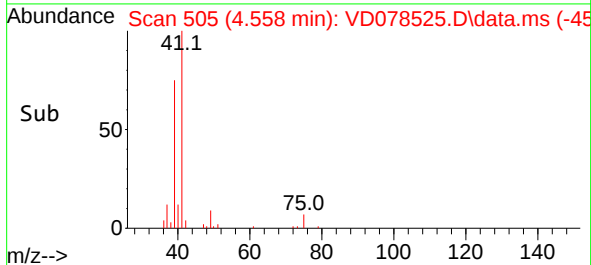
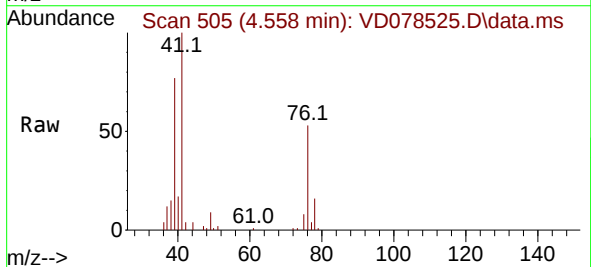
Manual Integrations
APPROVED

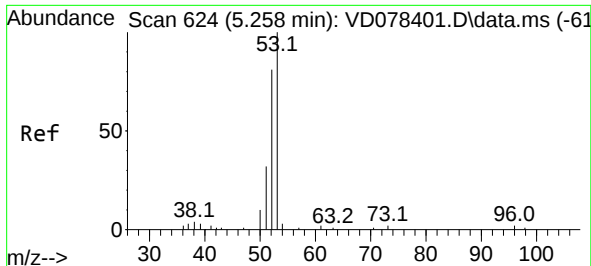
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#14
Allyl chloride
Concen: 38.433 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

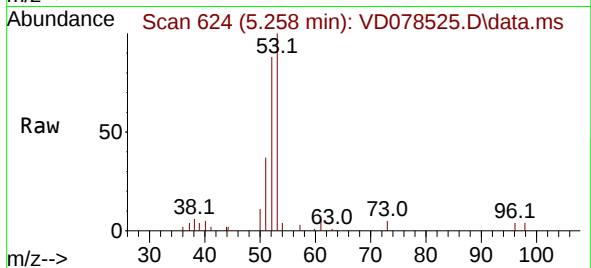
Tgt Ion: 41 Resp: 48162
Ion Ratio Lower Upper
41 100
39 67.7 53.8 80.6
76 47.3 45.8 68.8





#15
Acrylonitrile
Concen: 278.794 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

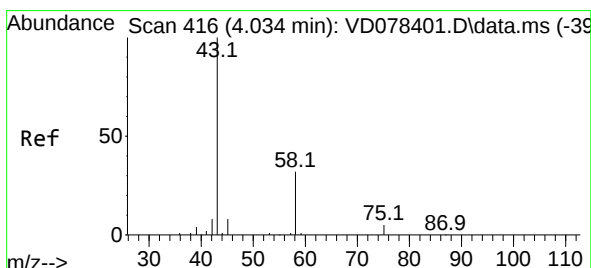
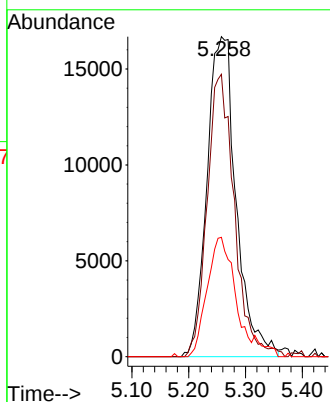
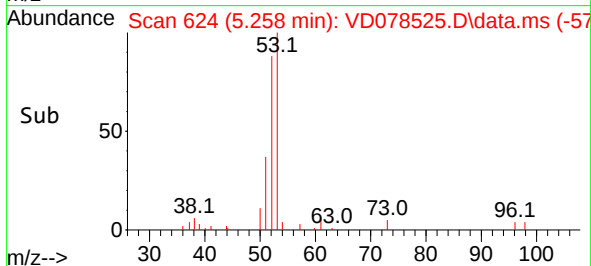
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



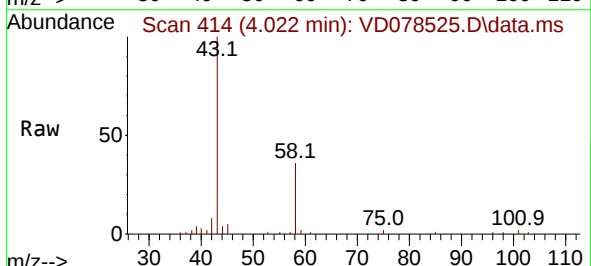
Tgt Ion: 53 Resp: 59620
Ion Ratio Lower Upper
53 100
52 82.2 65.0 97.4
51 37.7 28.3 42.5

Manual Integrations
APPROVED

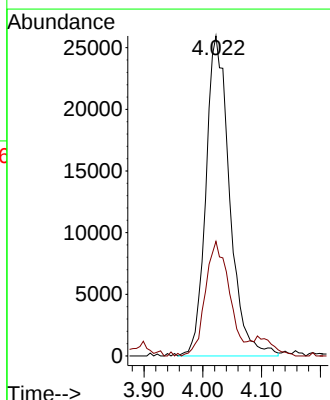
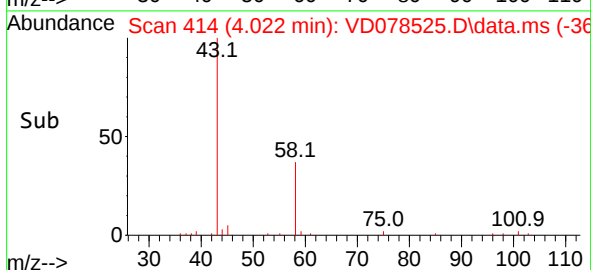
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

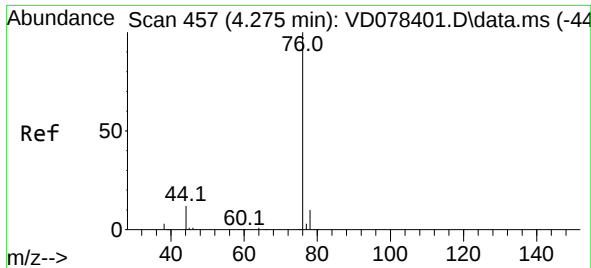


#16
Acetone
Concen: 397.987 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49



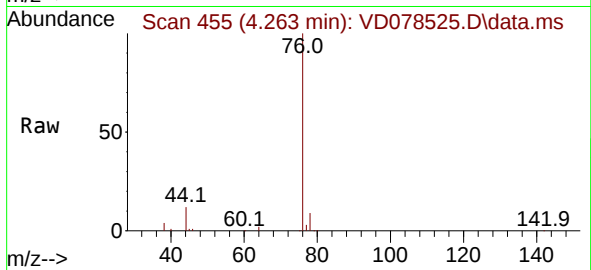
Tgt Ion: 43 Resp: 72722
Ion Ratio Lower Upper
43 100
58 35.0 34.7 52.1





#17
Carbon Disulfide
Concen: 61.002 ug/l
RT: 4.263 min Scan# 418
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

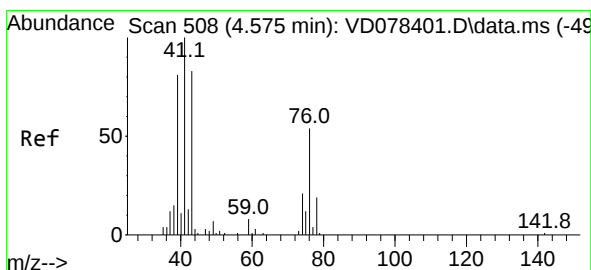
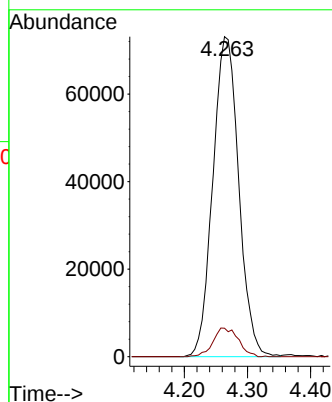
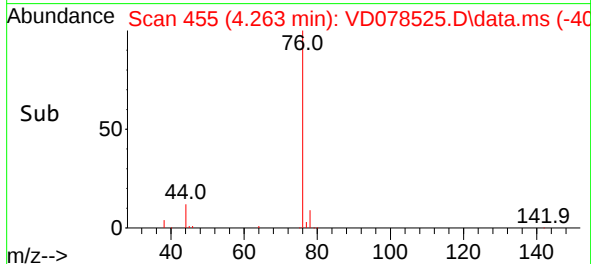
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 76 Resp: 208218
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

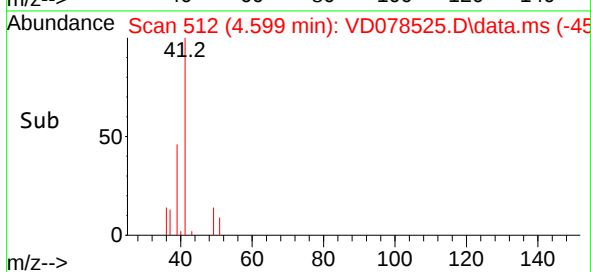
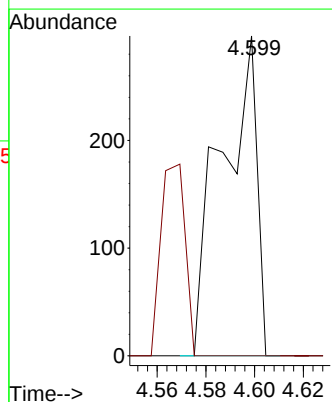
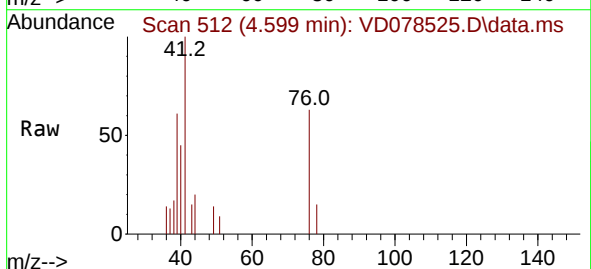
Manual Integrations
APPROVED

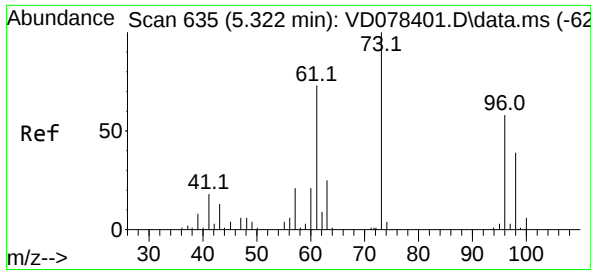
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#18
Methyl Acetate
Concen: 4.328 ug/l
RT: 4.599 min Scan# 512
Delta R.T. 0.024 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#





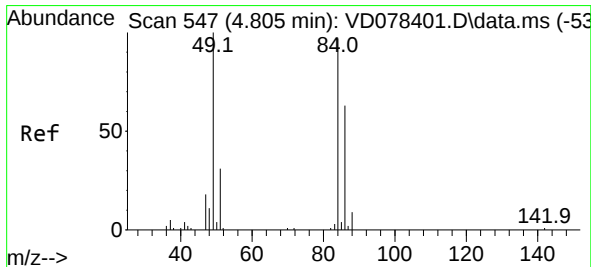
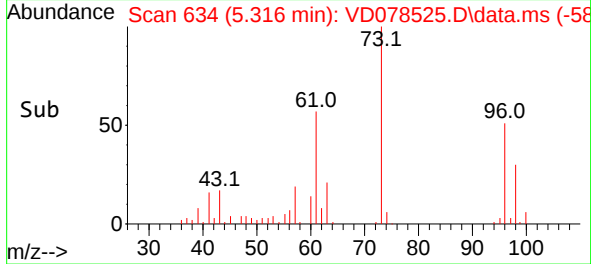
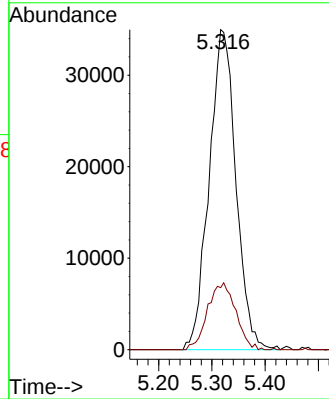
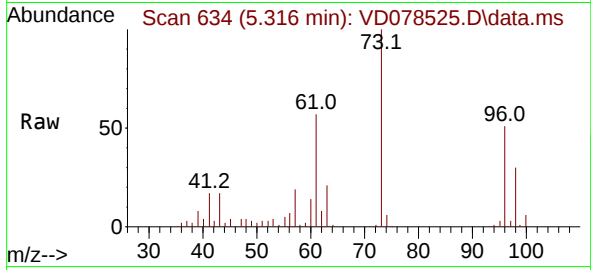
#19
Methyl tert-butyl Ether
Concen: 56.633 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 73 Resp: 122054
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0

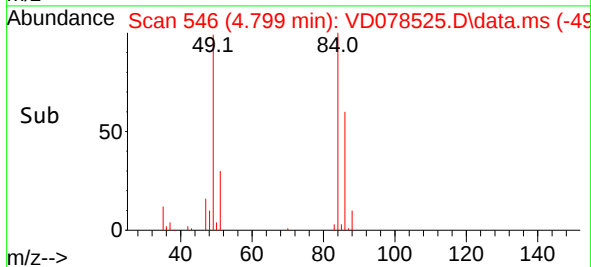
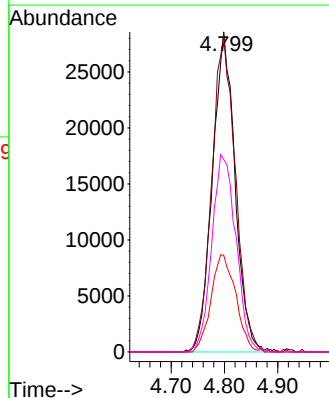
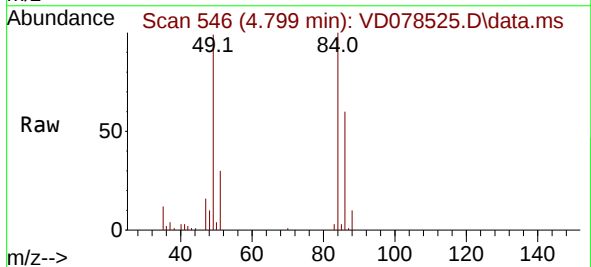
Manual Integrations
APPROVED

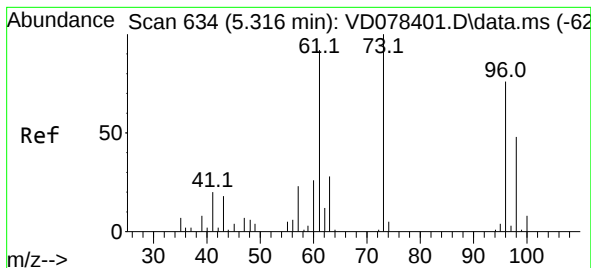
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#20
Methylene Chloride
Concen: 75.614 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion: 84 Resp: 84375
Ion Ratio Lower Upper
84 100
49 99.0 71.4 107.2
51 30.2 24.5 36.7
86 60.2 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 49.044 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

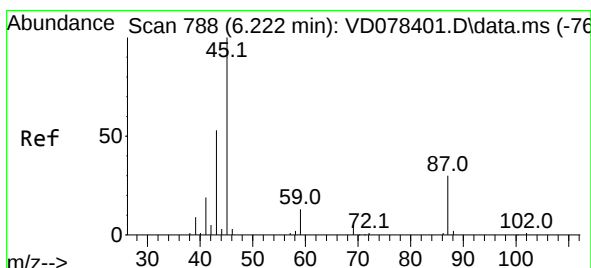
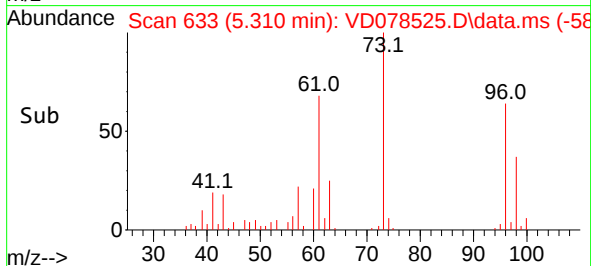
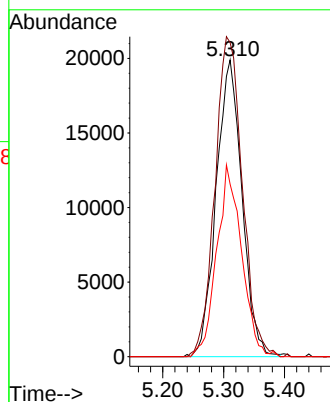
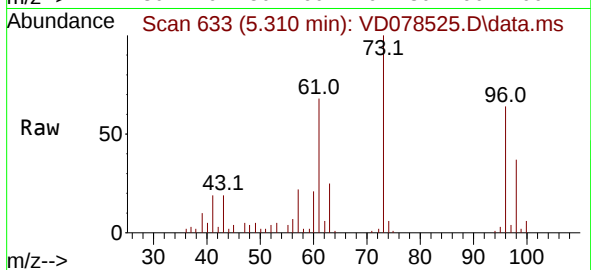
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 96	Resp: 58520
Ion Ratio	Lower Upper
96 100	
61 105.8	89.3 133.9
98 58.1	48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#22

Diisopropyl ether

Concen: 47.910 ug/l

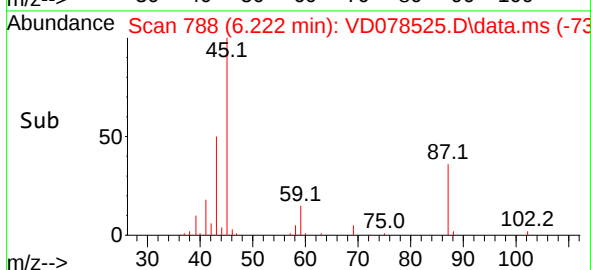
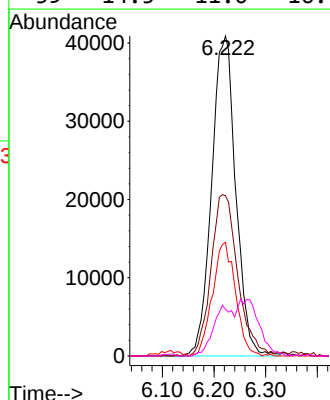
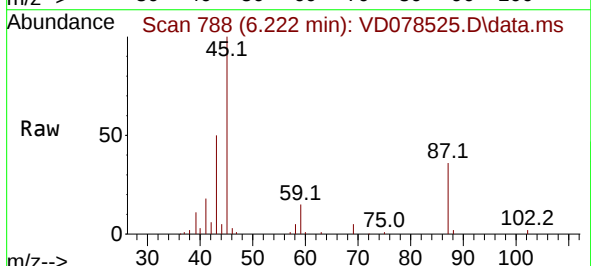
RT: 6.222 min Scan# 788

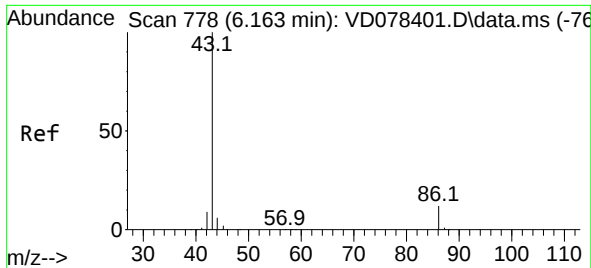
Delta R.T. -0.000 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

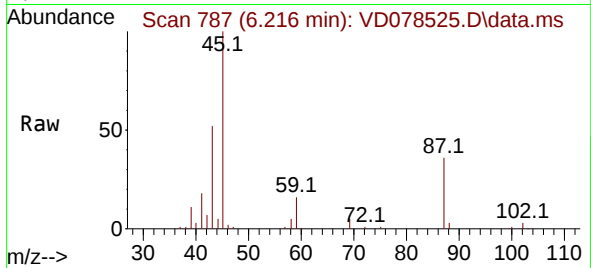
Tgt Ion: 45	Resp: 132328
Ion Ratio	Lower Upper
45 100	
43 50.1	40.0 60.0
87 35.5	28.2 42.4
59 14.5	11.0 16.4





#23
 Vinyl Acetate
 Concen: 54.469 ug/l
 RT: 6.216 min Scan# 778
 Delta R.T. 0.053 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

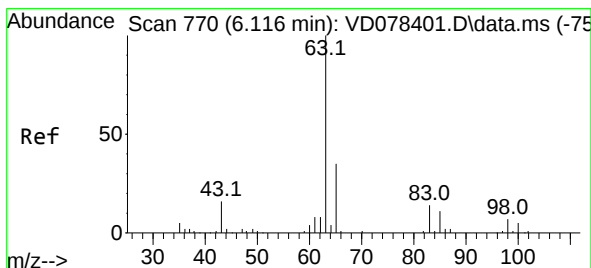
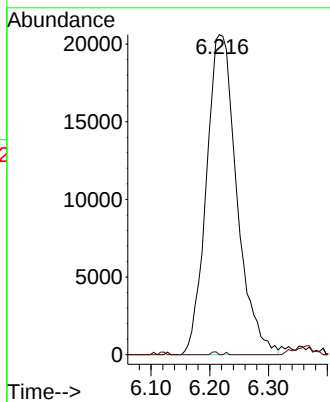
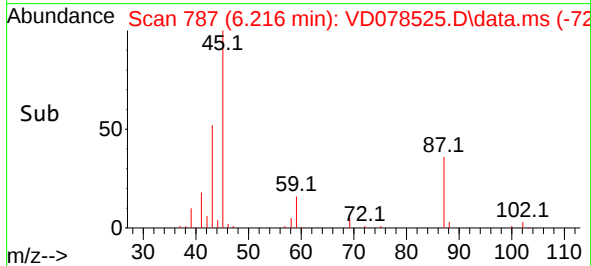
Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 43 Resp: 74069
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7

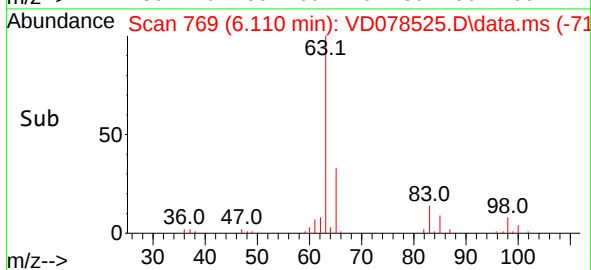
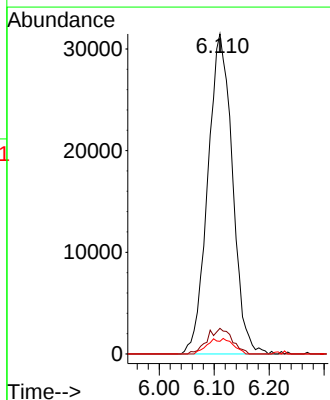
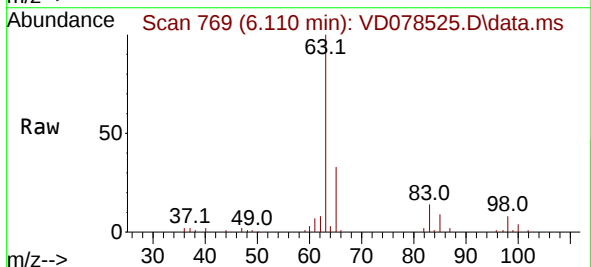
Manual Integrations
 APPROVED

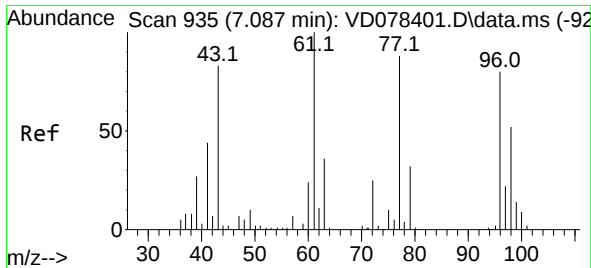
Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024



#24
 1,1-Dichloroethane
 Concen: 50.067 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

Tgt Ion: 63 Resp: 97962
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 3.9 2.5 7.5





#25

2-Butanone

Concen: 316.958 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 43 Resp: 79724

Ion Ratio Lower Upper

43 100

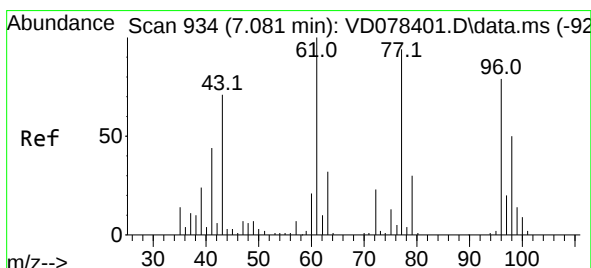
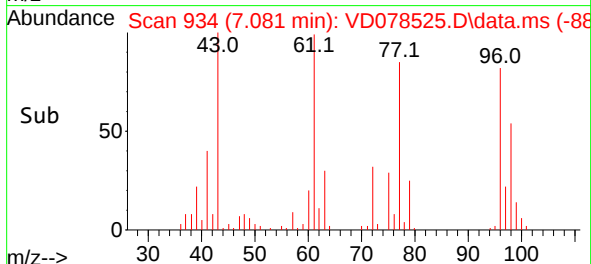
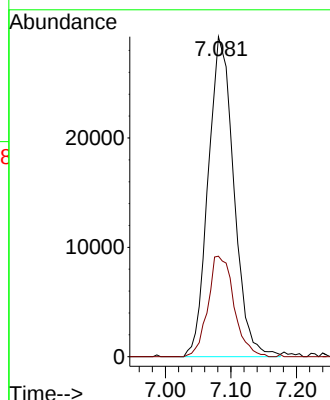
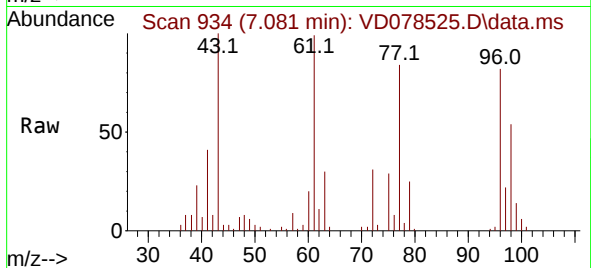
72 31.4 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#26

2,2-Dichloropropane

Concen: 47.096 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078525.D

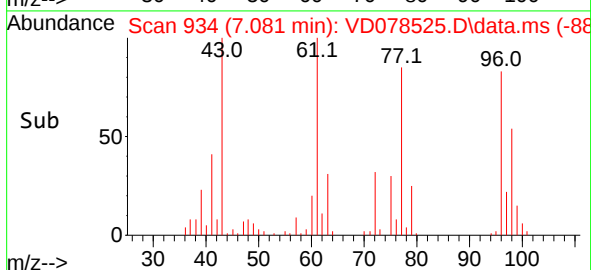
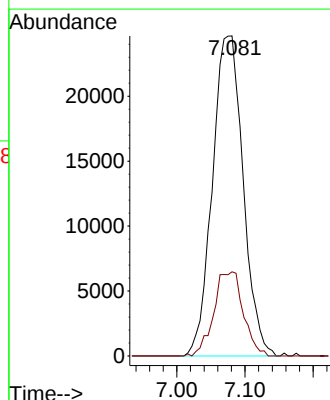
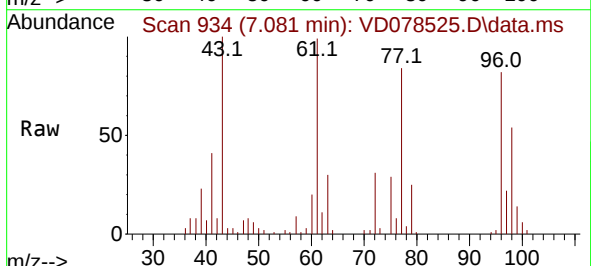
Acq: 22 Feb 2024 18:49

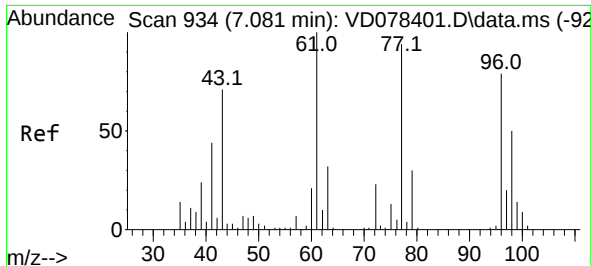
Tgt Ion: 77 Resp: 77249

Ion Ratio Lower Upper

77 100

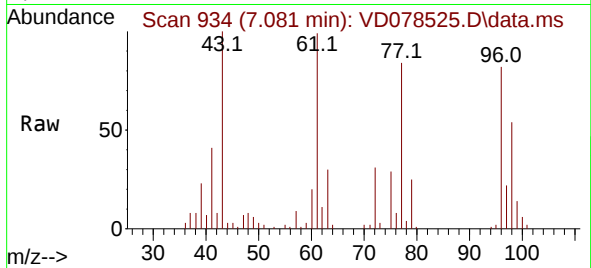
97 25.2 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 51.947 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

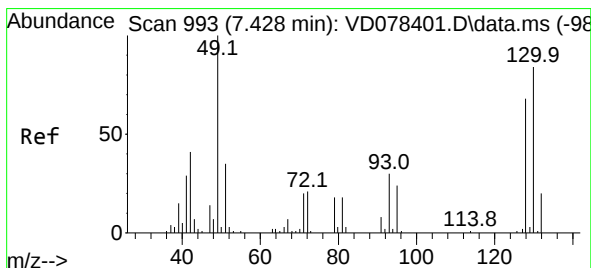
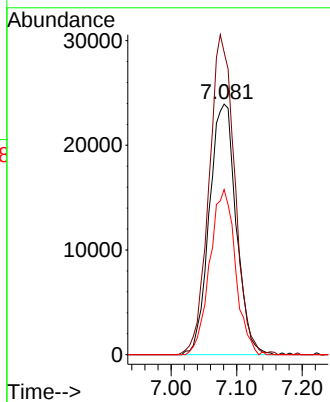
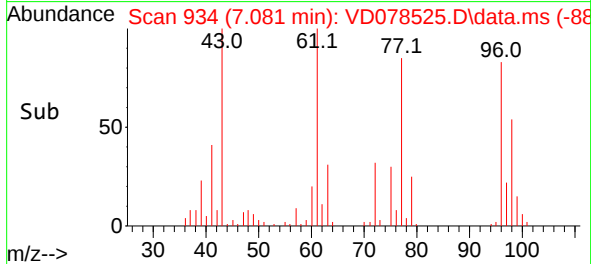
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 96 Resp: 6801
Ion Ratio Lower Upper
96 100
61 122.2 0.0 239.2
98 62.8 0.0 128.6

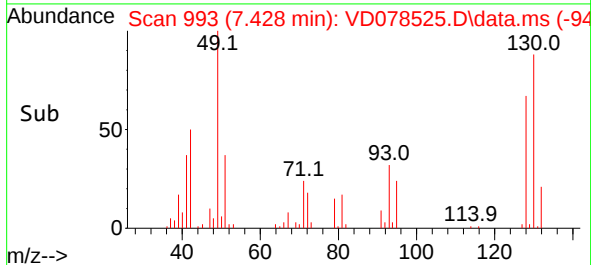
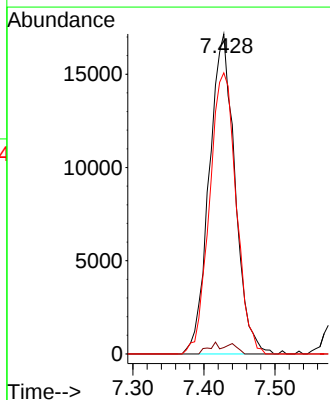
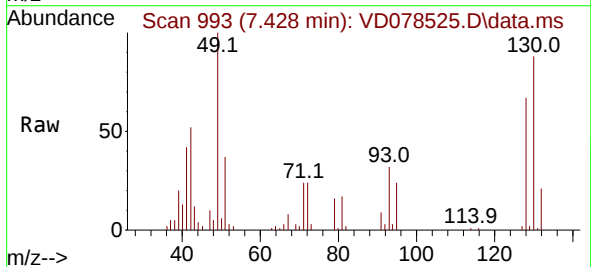
Manual Integrations
APPROVED

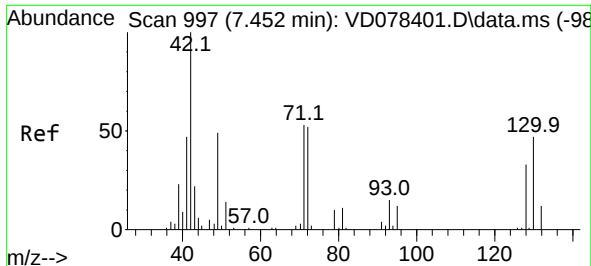
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#28
Bromochloromethane
Concen: 55.728 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion: 49 Resp: 43187
Ion Ratio Lower Upper
49 100
129 1.3 0.0 6.0
130 90.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 302.076 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

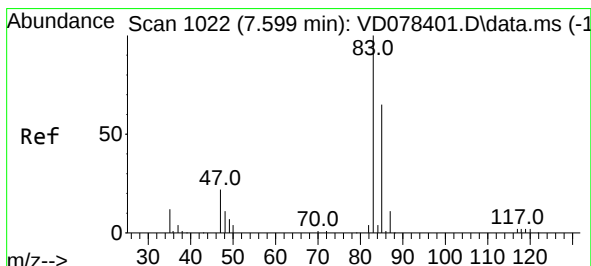
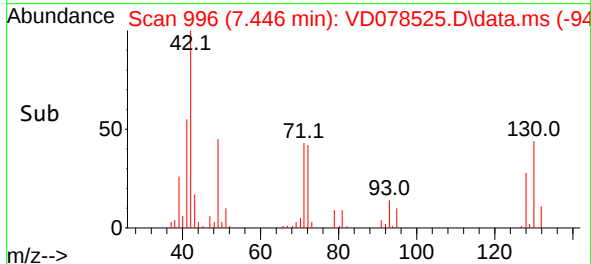
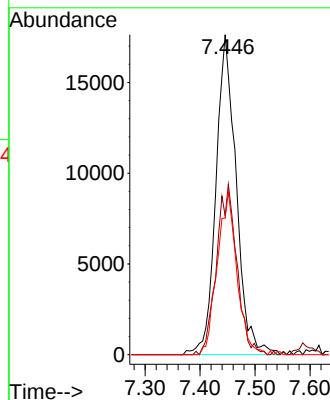
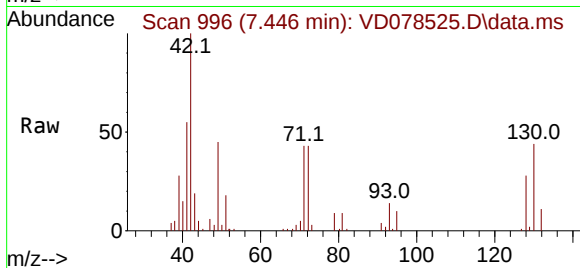
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:	42	Resp:	45198
Ion Ratio	Lower	Upper	
42	100		
72	53.2	46.5	69.7
71	49.3	44.5	66.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#30

Chloroform

Concen: 51.682 ug/l

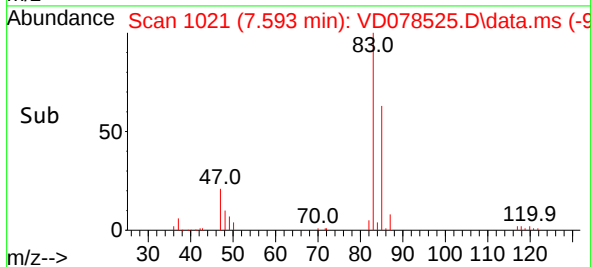
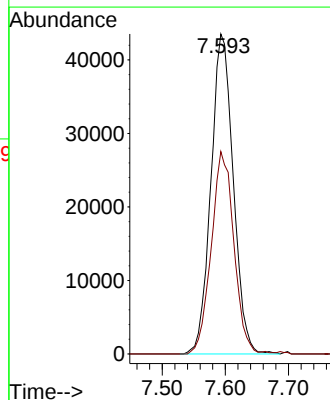
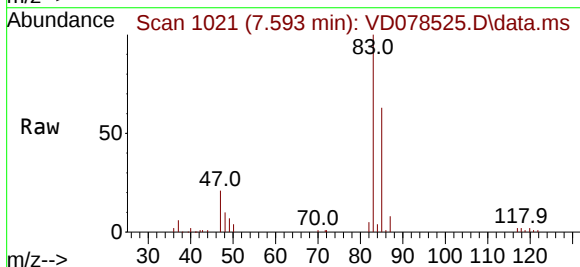
RT: 7.593 min Scan# 1021

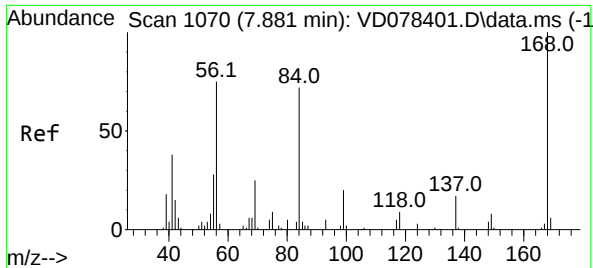
Delta R.T. -0.006 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

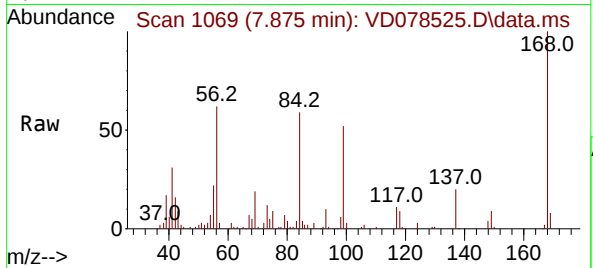
Tgt Ion:	83	Resp:	106991
Ion Ratio	Lower	Upper	
83	100		
85	63.2	53.4	80.2





#31
Cyclohexane
Concen: 33.981 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

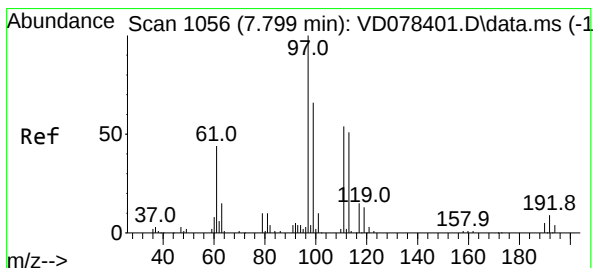
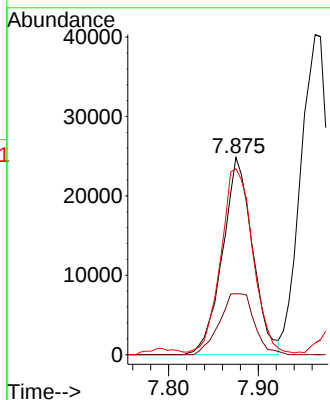
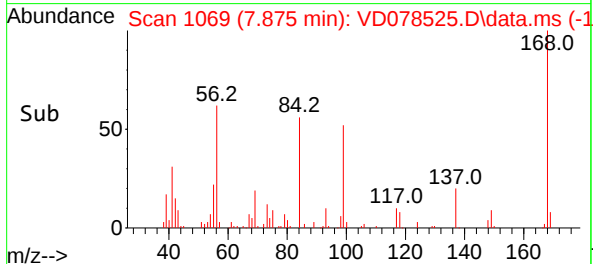
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



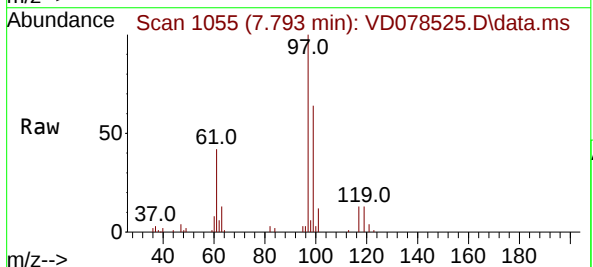
Tgt Ion: 56 Resp: 57834
Ion Ratio Lower Upper
56 100
69 30.9 28.6 43.0
84 92.2 84.8 127.2

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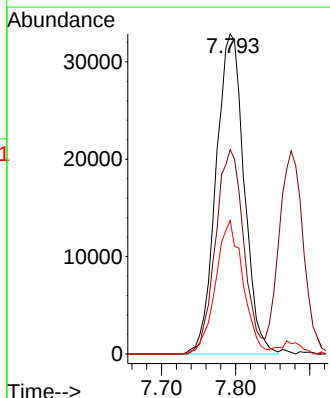
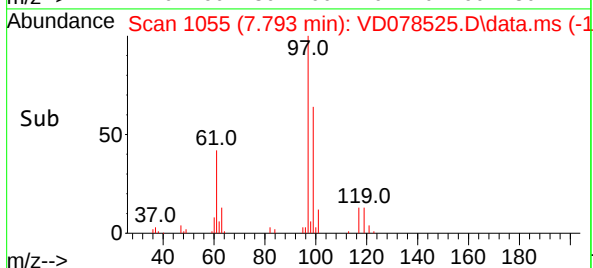
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

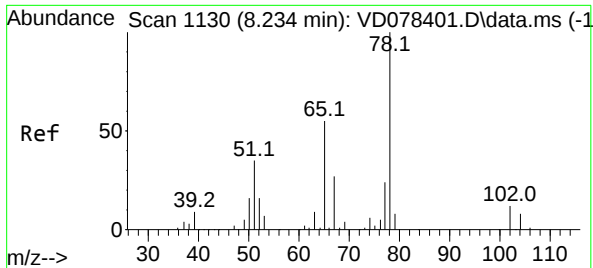


#32
1,1,1-Trichloroethane
Concen: 49.031 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49



Tgt Ion: 97 Resp: 86541
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 40.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.271 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 65 Resp: 5460

Ion Ratio Lower Upper

65 100

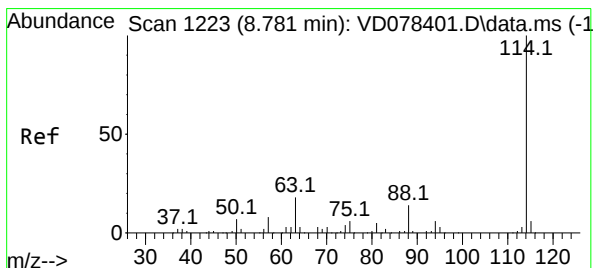
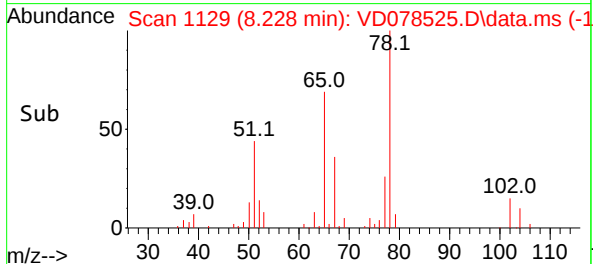
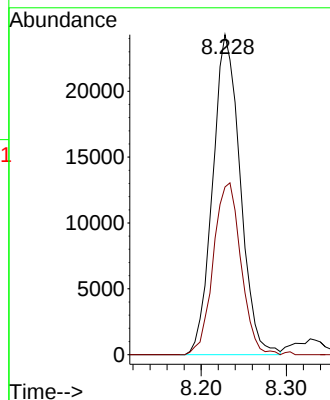
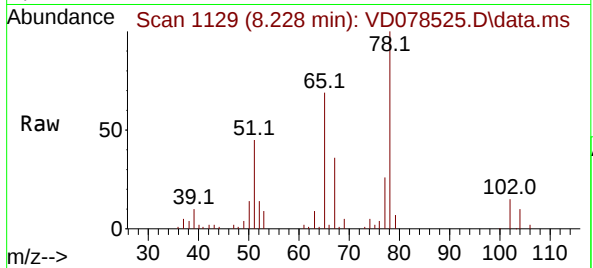
67 53.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

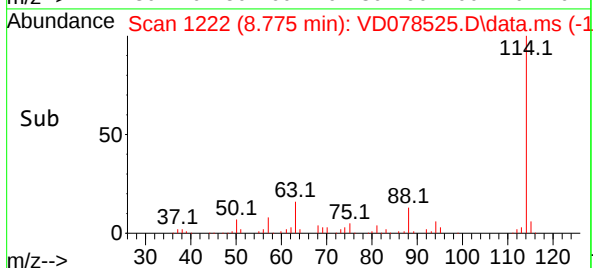
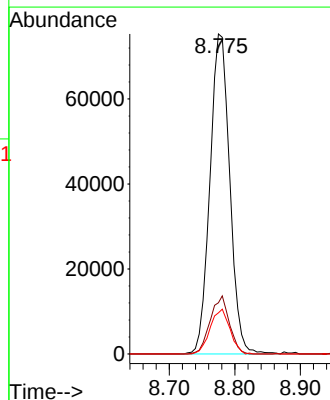
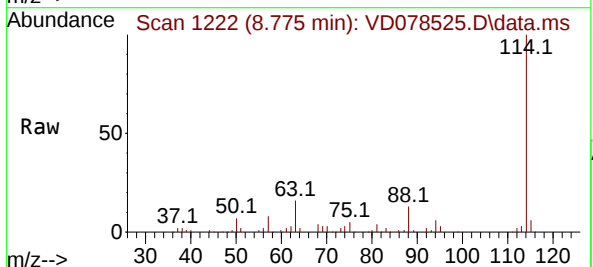
Tgt Ion:114 Resp: 157926

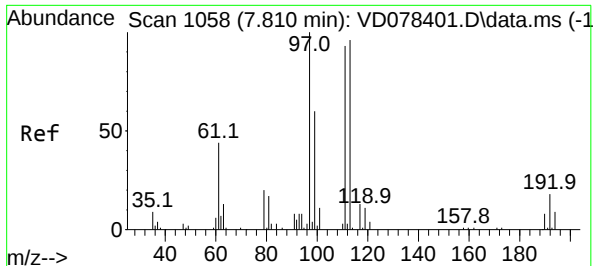
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 0.318 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

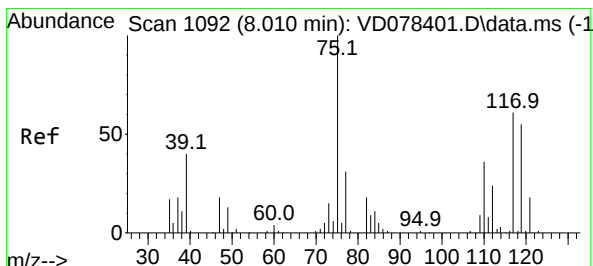
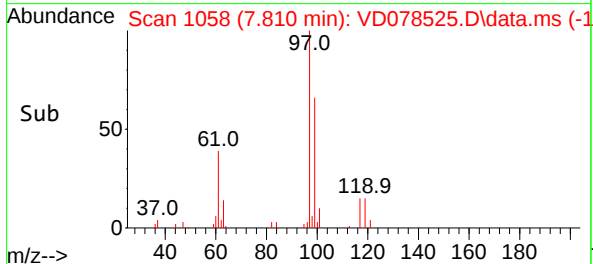
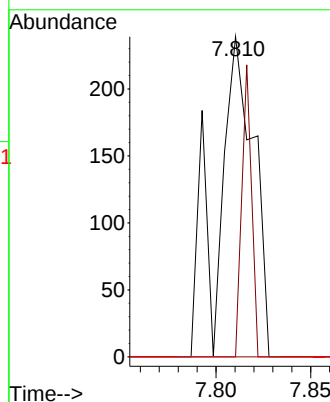
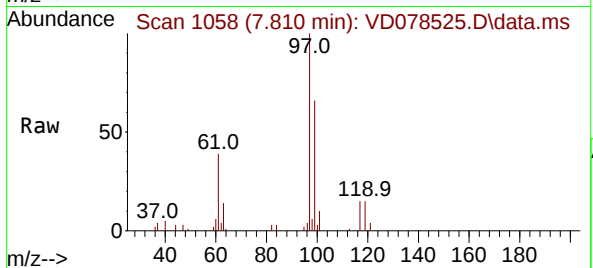
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:	113	Resp:	319
Ion Ratio	Lower	Upper	
113	100		
111	0.0	84.7	127.1
192	0.0	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#36

1,1-Dichloropropene

Concen: 46.939 ug/l

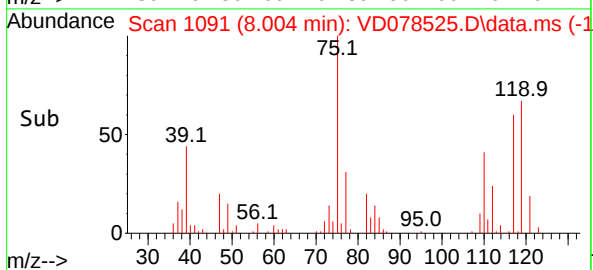
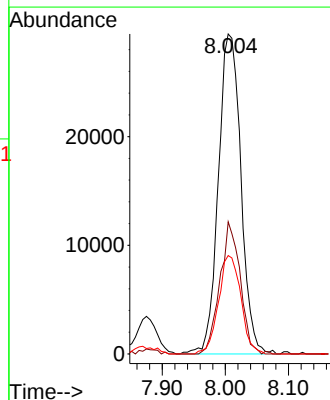
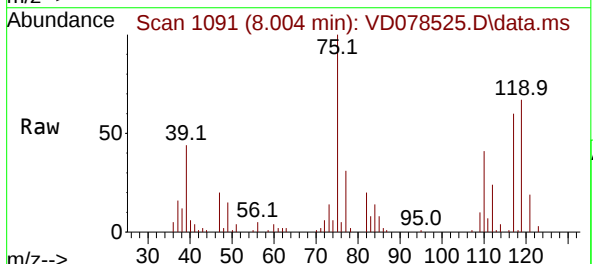
RT: 8.004 min Scan# 1091

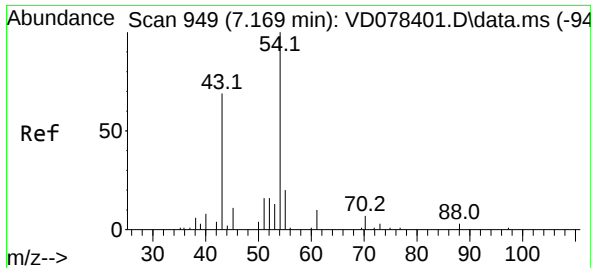
Delta R.T. -0.006 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Tgt Ion:	75	Resp:	73150
Ion Ratio	Lower	Upper	
75	100		
110	37.1	19.9	59.6
77	30.4	24.7	37.1





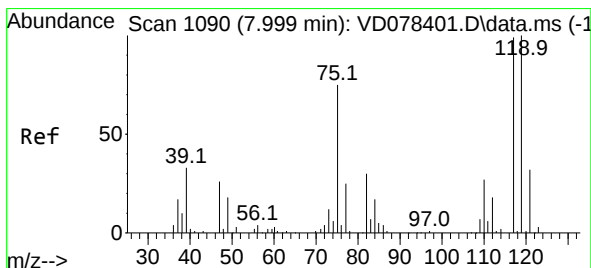
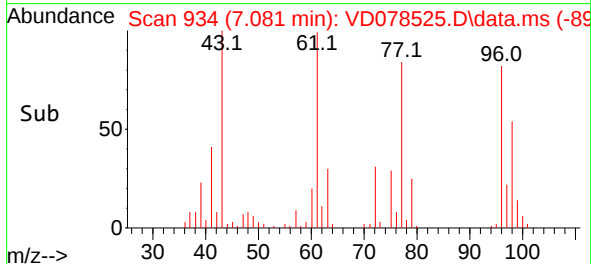
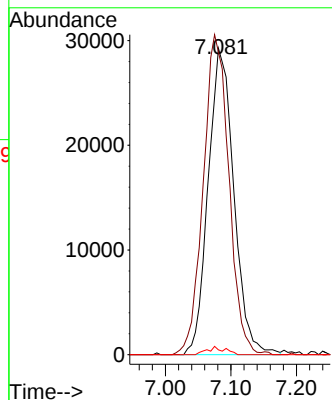
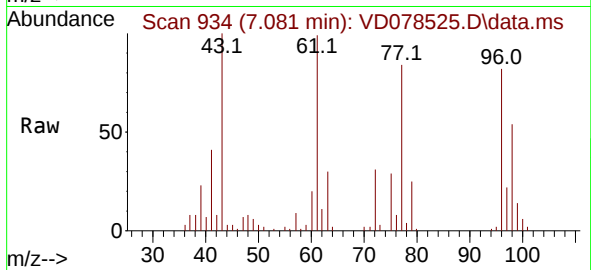
#37
Ethyl Acetate
Concen: 145.936 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.088 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 43 Resp: 79724
Ion Ratio Lower Upper
43 100
61 104.2 14.9 22.3
70 1.3 10.0 15.0

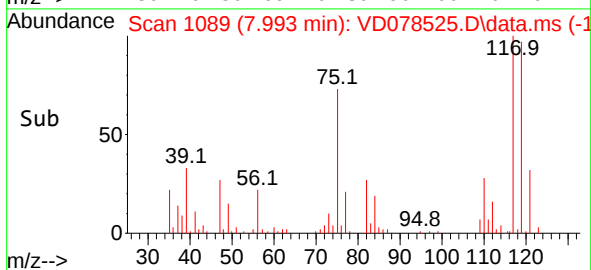
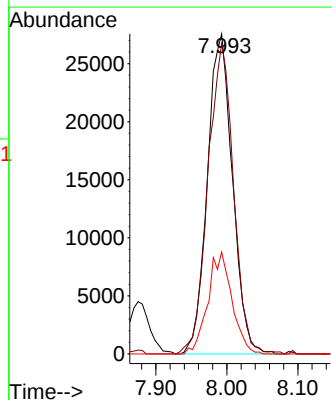
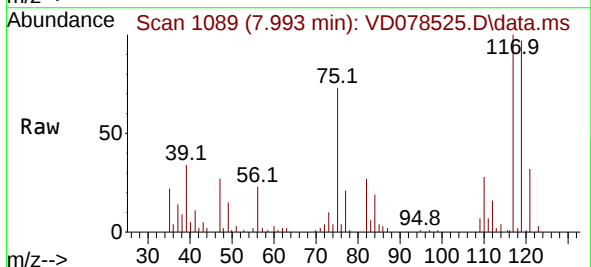
Manual Integrations
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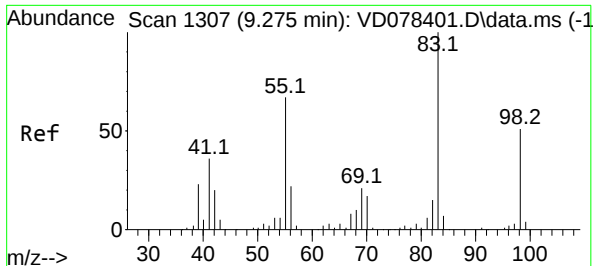
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#38
Carbon Tetrachloride
Concen: 43.955 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion:117 Resp: 67838
Ion Ratio Lower Upper
117 100
119 96.3 78.0 117.0
121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 24.824 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

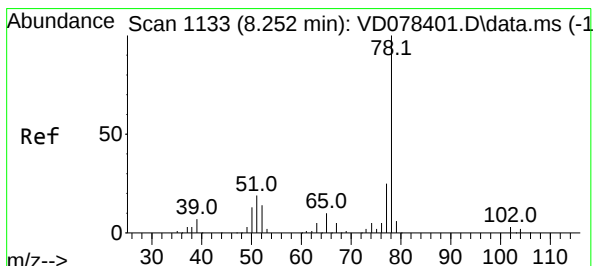
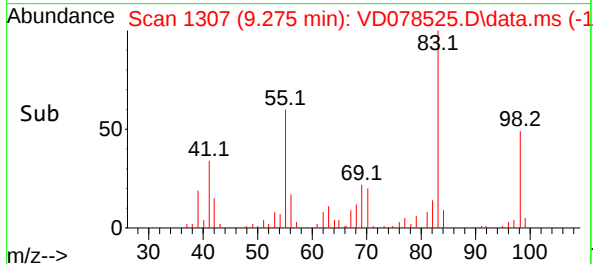
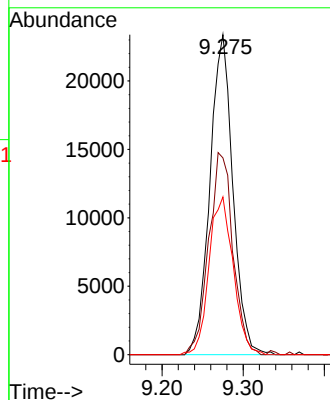
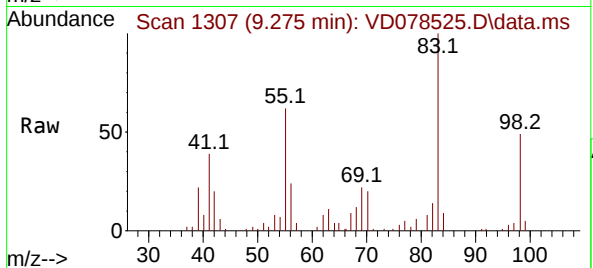
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 83	Resp: 4592
Ion Ratio	Lower Upper
83 100	
55 61.5	49.4 74.0
98 49.3	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#40

Benzene

Concen: 51.768 ug/l

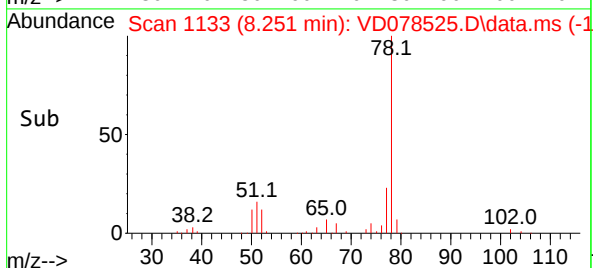
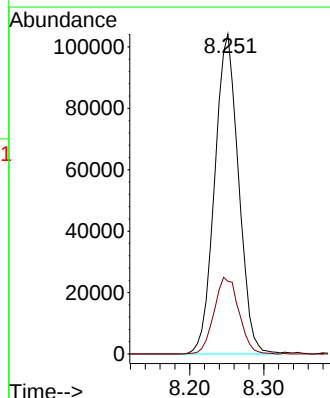
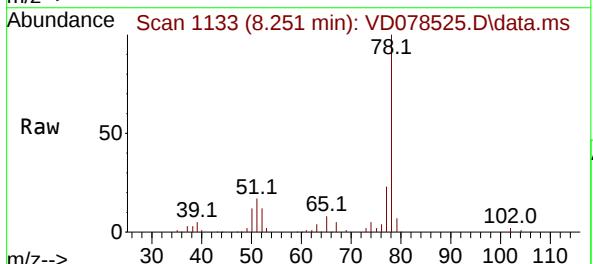
RT: 8.251 min Scan# 1133

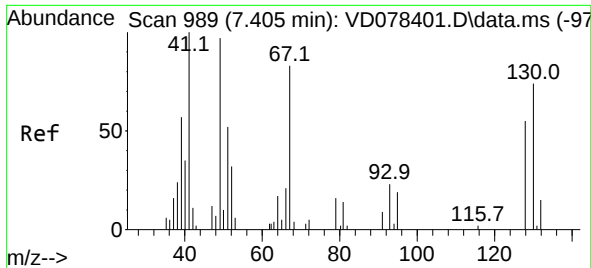
Delta R.T. -0.000 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

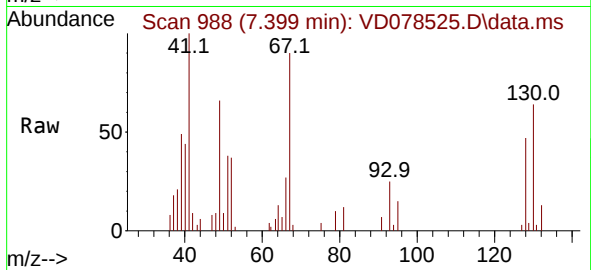
Tgt Ion: 78	Resp: 233189
Ion Ratio	Lower Upper
78 100	
77 22.7	19.4 29.0





#41
Methacrylonitrile
Concen: 49.284 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

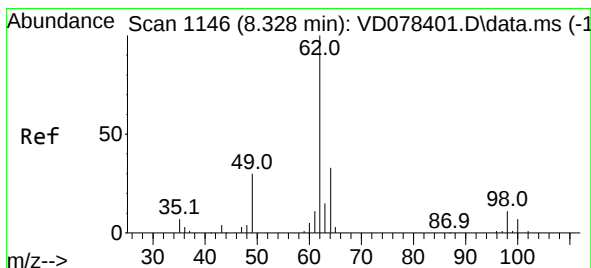
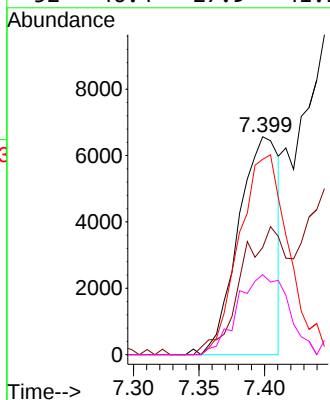
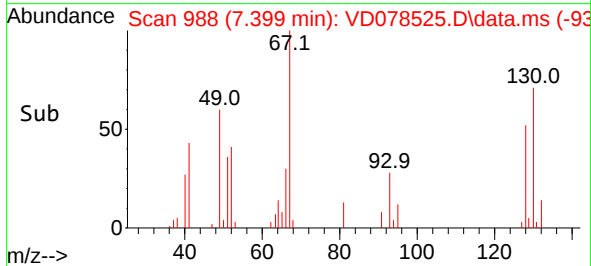
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 41 Resp: 14012
Ion Ratio Lower Upper
41 100
39 70.4 34.0 51.0
67 112.7 77.0 115.4
52 46.4 27.9 41.9#

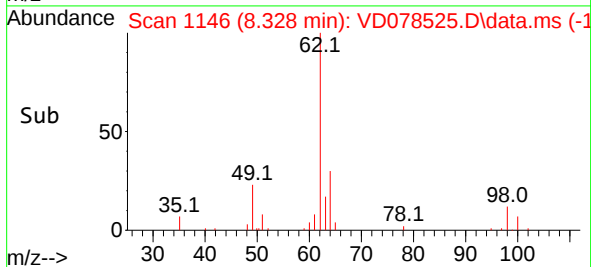
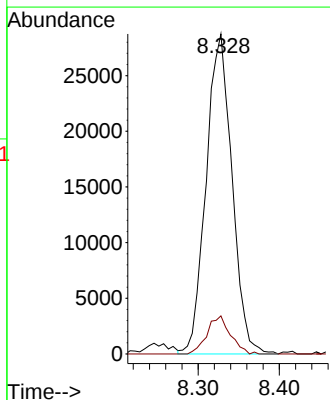
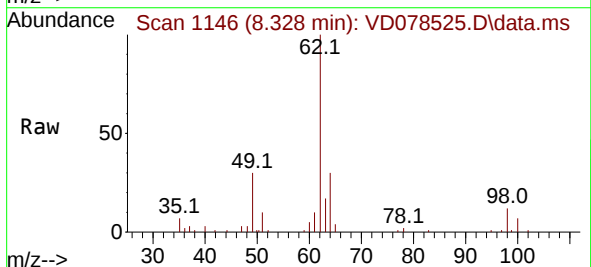
Manual Integrations
APPROVED

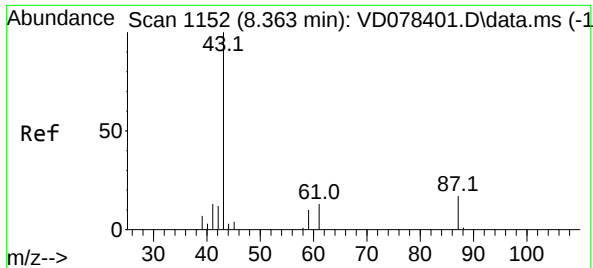
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#42
1,2-Dichloroethane
Concen: 54.614 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion: 62 Resp: 63655
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4





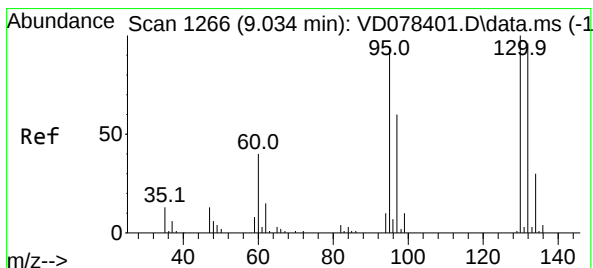
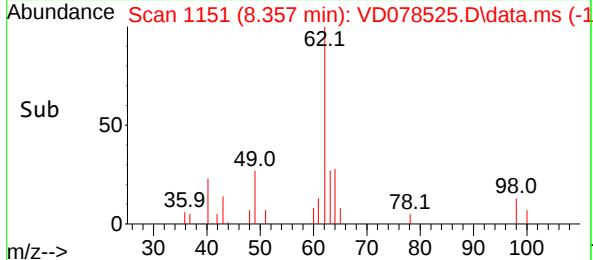
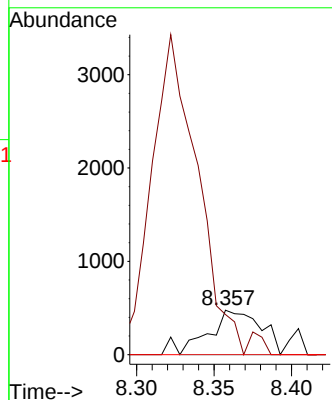
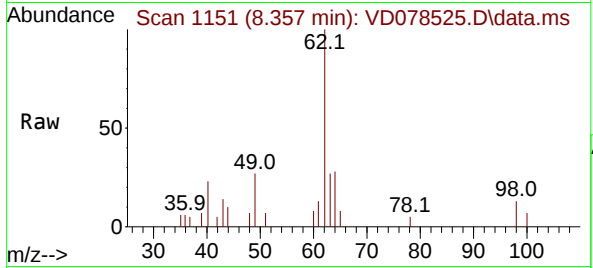
#43
Isopropyl Acetate
Concen: 1.076 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0
87 0.0 14.9 22.3

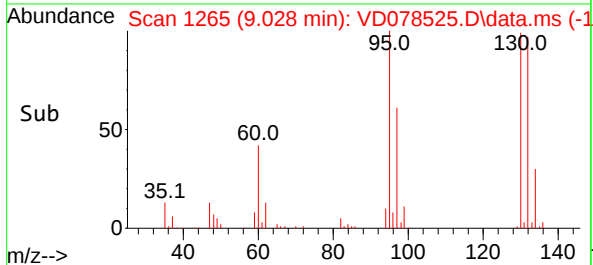
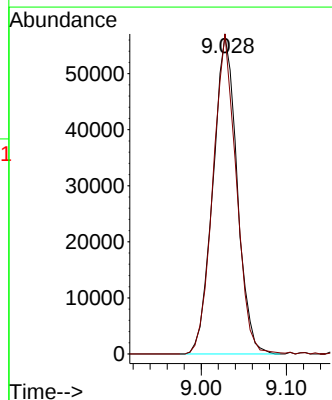
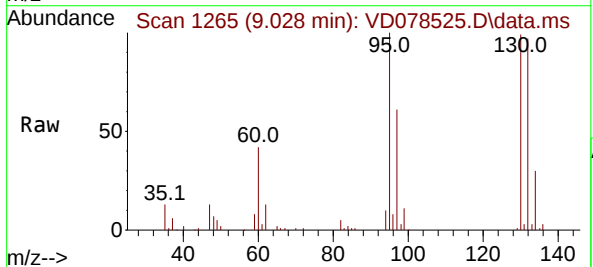
Manual Integrations
APPROVED

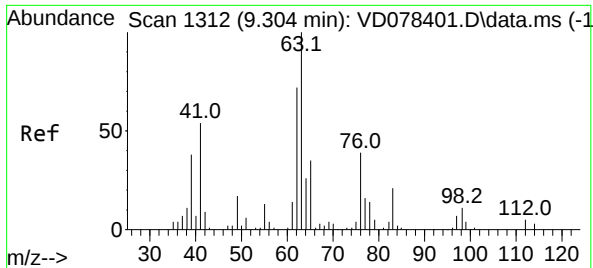
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#44
Trichloroethene
Concen: 96.997 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion:130 Resp: 111466
Ion Ratio Lower Upper
130 100
95 100.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.974 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 63 Resp: 5854

Ion Ratio Lower Upper

63 100

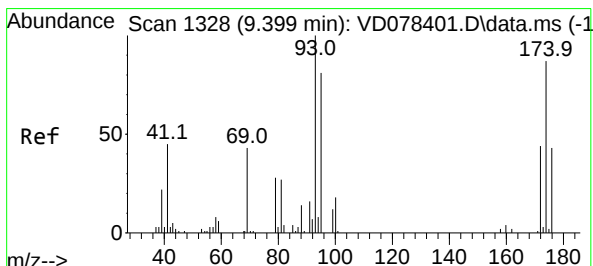
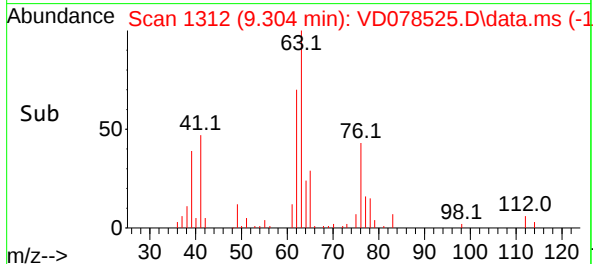
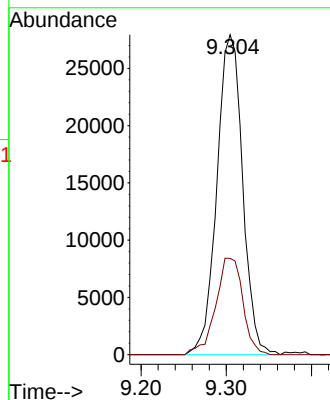
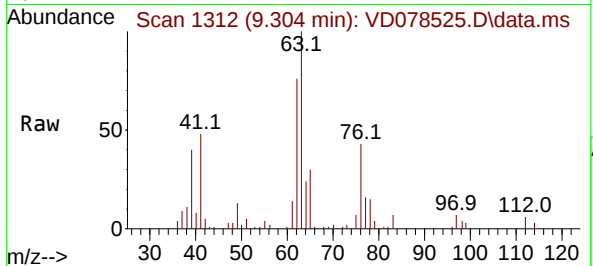
65 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#46

Dibromomethane

Concen: 55.707 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

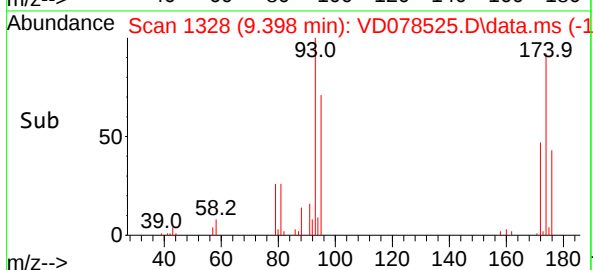
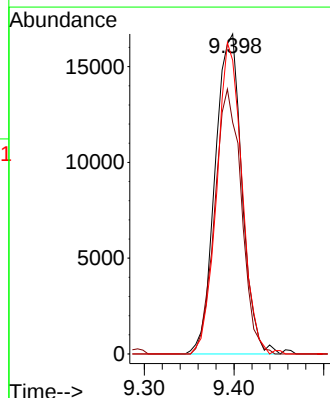
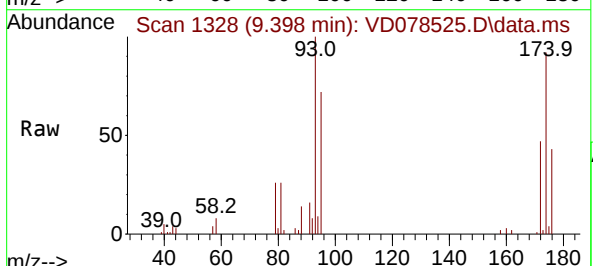
Tgt Ion: 93 Resp: 34630

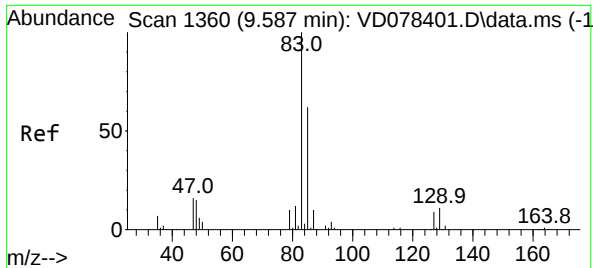
Ion Ratio Lower Upper

93 100

95 82.3 67.7 101.5

174 91.7 85.4 128.2





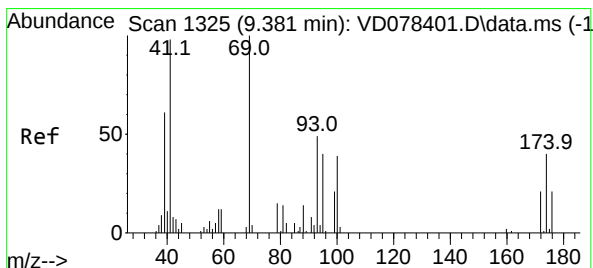
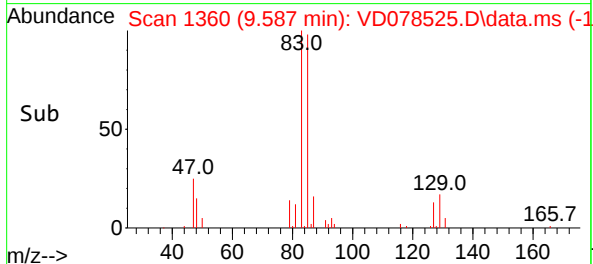
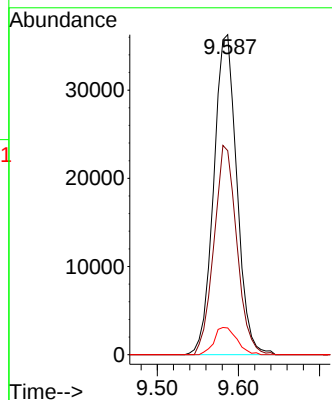
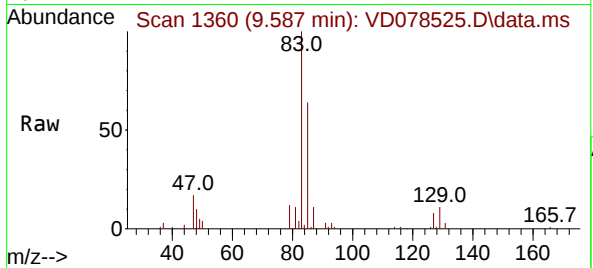
#47
Bromodichloromethane
Concen: 46.688 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 83 Resp: 71880
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 8.4 6.3 9.5

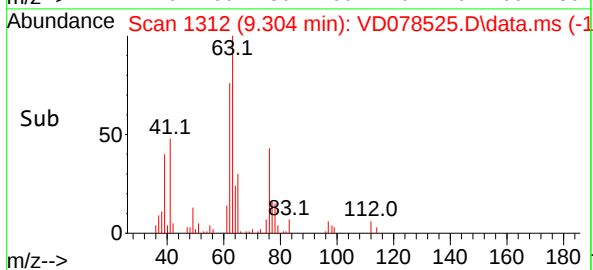
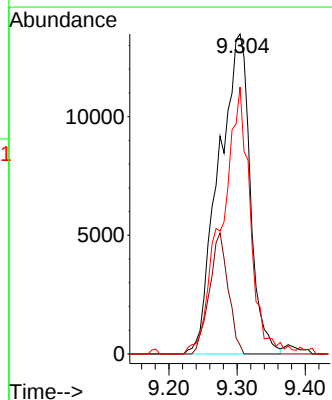
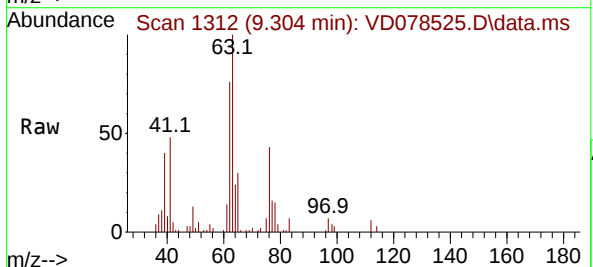
Manual Integrations
APPROVED

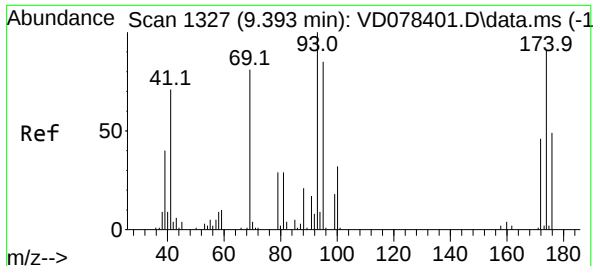
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#48
Methyl methacrylate
Concen: 80.383 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.077 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion: 41 Resp: 43141
Ion Ratio Lower Upper
41 100
69 0.0 102.2 153.2#
39 76.6 41.4 62.2#





#49

1,4-Dioxane

Concen: 1215.517 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

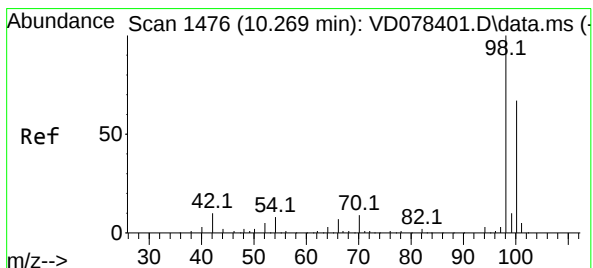
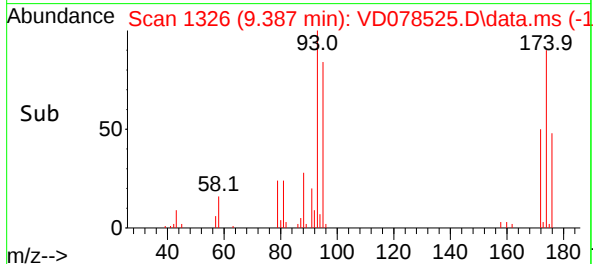
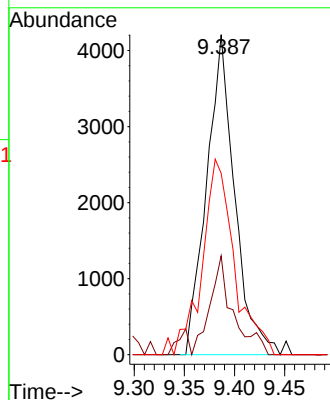
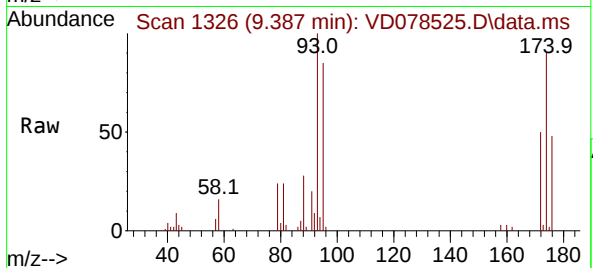
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 88 Resp: 818
 Ion Ratio Lower Upper
 88 100
 43 25.5 19.0 28.6
 58 70.3 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024



#50

Toluene-d8

Concen: 50.202 ug/l

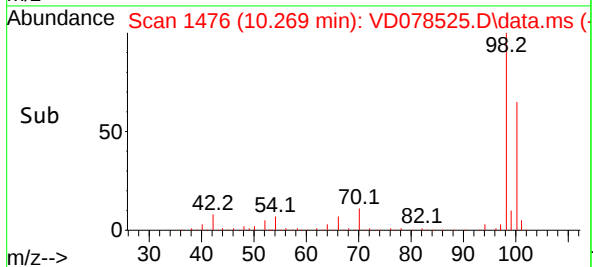
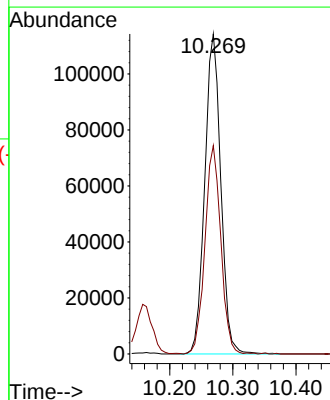
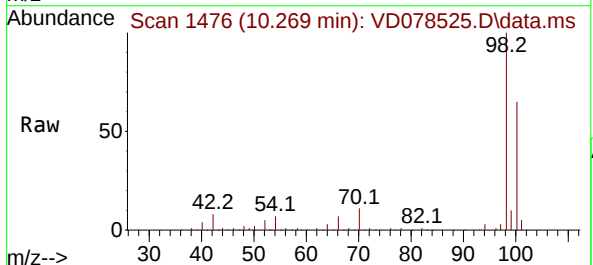
RT: 10.269 min Scan# 1476

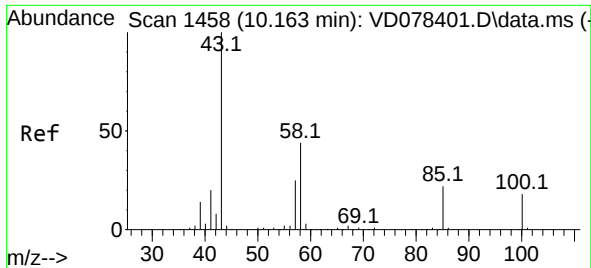
Delta R.T. -0.000 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

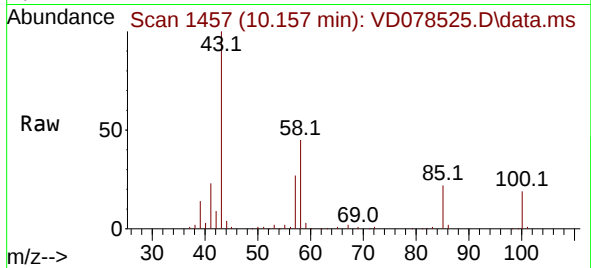
Tgt Ion: 98 Resp: 201460
 Ion Ratio Lower Upper
 98 100
 100 64.6 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 305.022 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

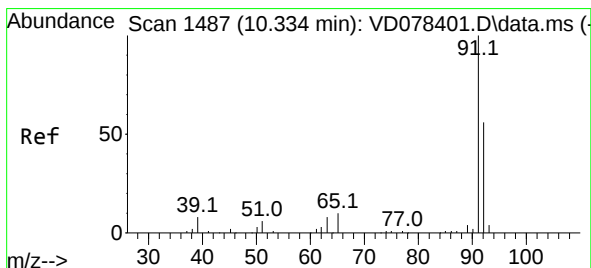
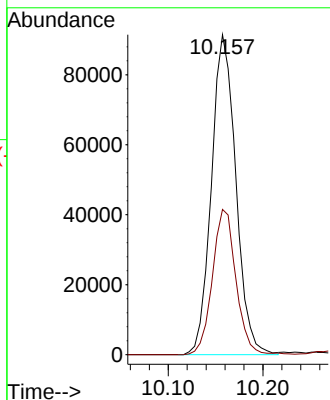
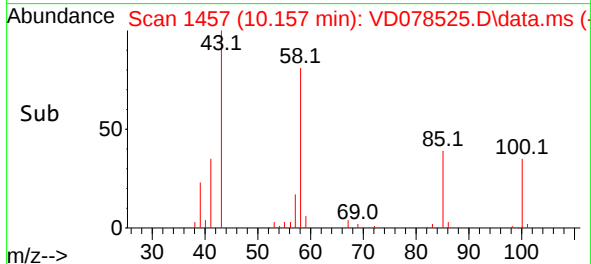
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 43 Resp: 163768
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3

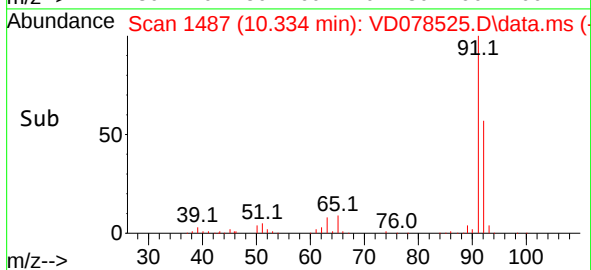
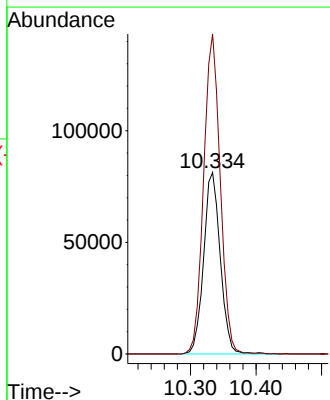
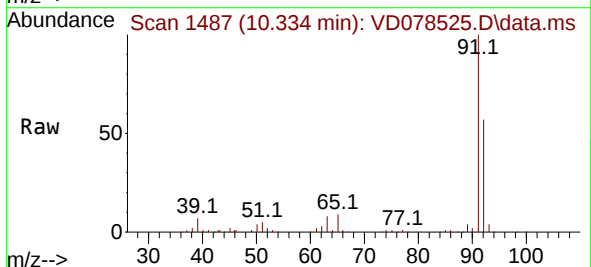
Manual Integrations
APPROVED

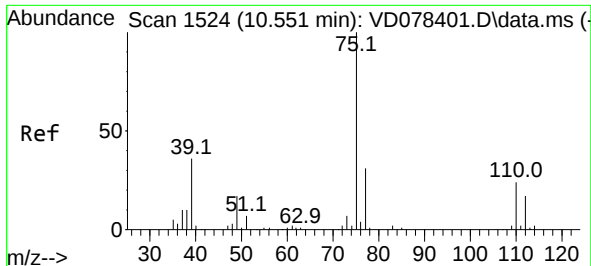
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#52
Toluene
Concen: 50.257 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

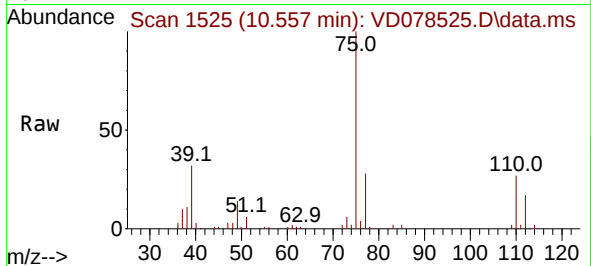
Tgt Ion: 92 Resp: 143161
Ion Ratio Lower Upper
92 100
91 176.3 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 48.266 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

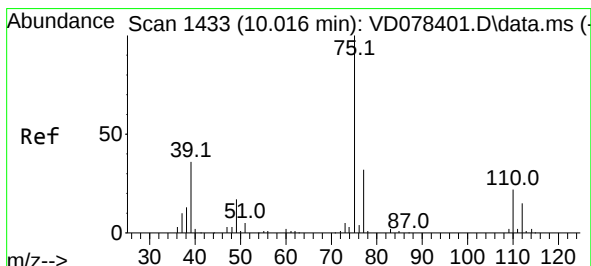
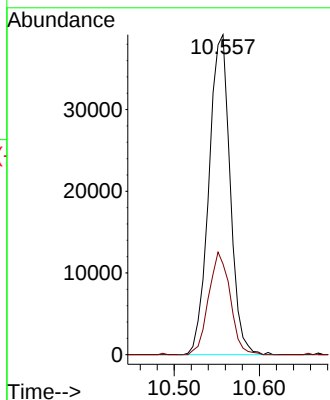
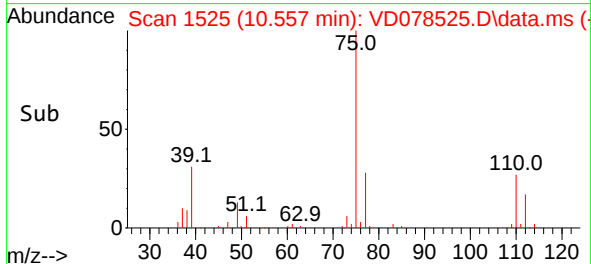
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 75 Resp: 67810
Ion Ratio Lower Upper
75 100
77 28.3 25.3 37.9

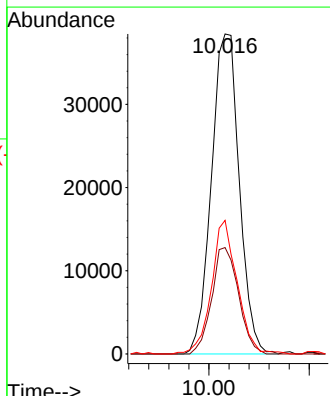
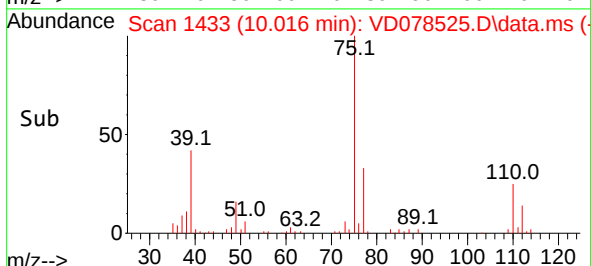
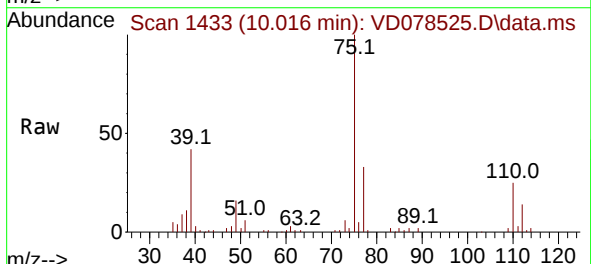
Manual Integrations
APPROVED

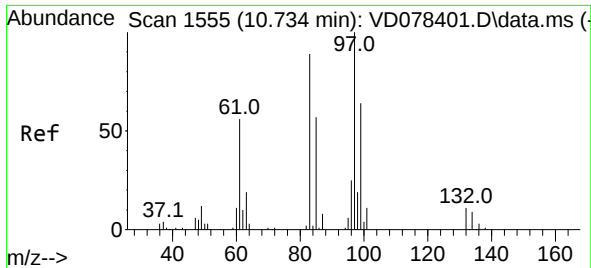
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#54
cis-1,3-Dichloropropene
Concen: 43.497 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

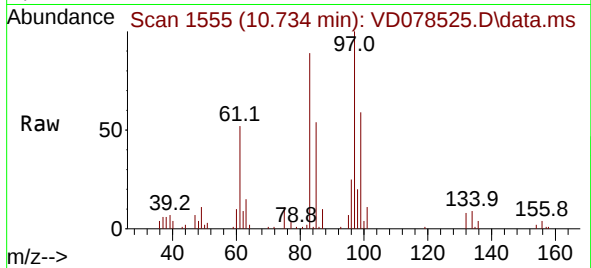
Tgt Ion: 75 Resp: 74101
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3
39 41.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 38.135 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

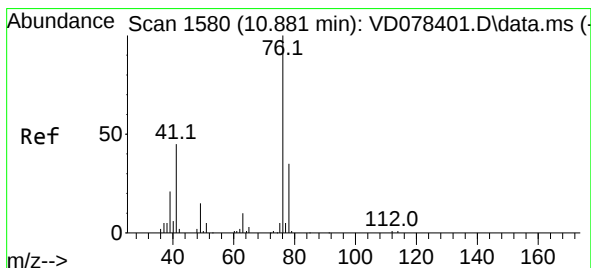
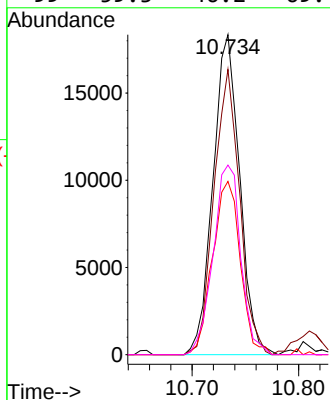
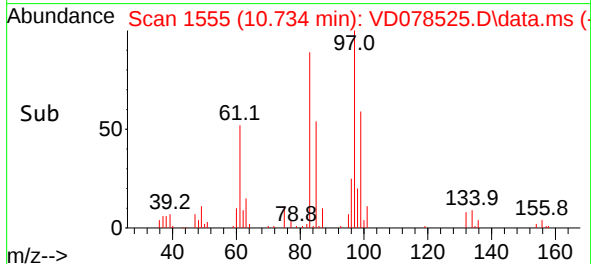
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:	97	Resp:	3192
Ion Ratio	Lower	Upper	
97	100		
83	89.2	65.8	98.6
85	54.1	45.7	68.5
99	59.3	46.2	69.4

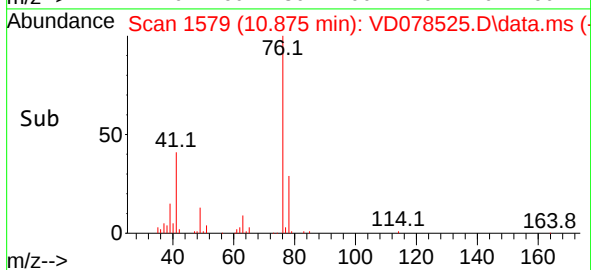
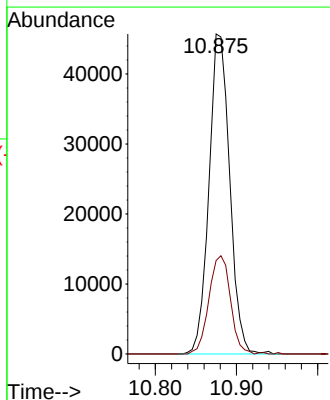
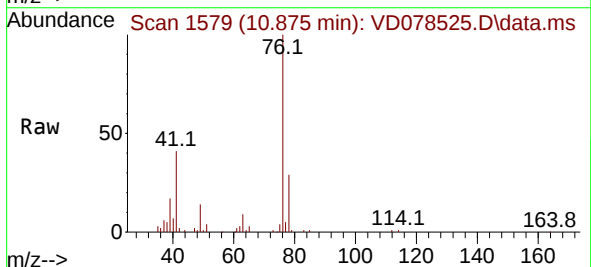
Manual Integrations
APPROVED

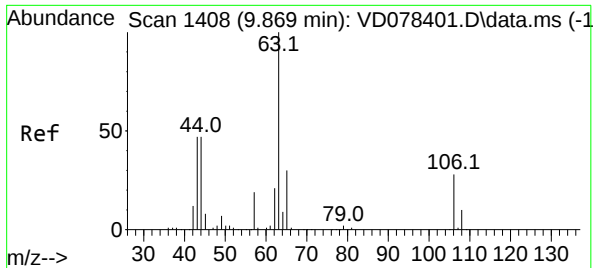
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#57
1,3-Dichloropropane
Concen: 56.921 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion:	76	Resp:	81059
Ion Ratio	Lower	Upper	
76	100		
78	32.0	26.4	39.6





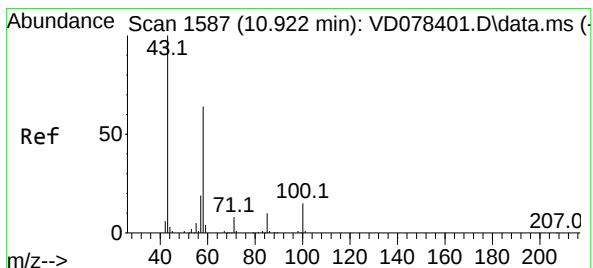
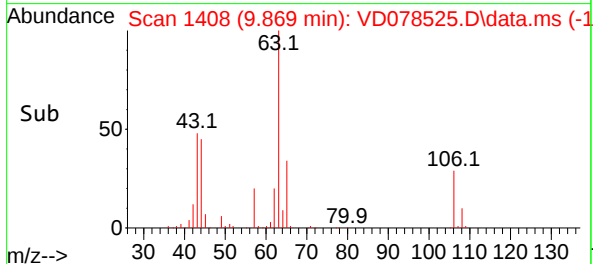
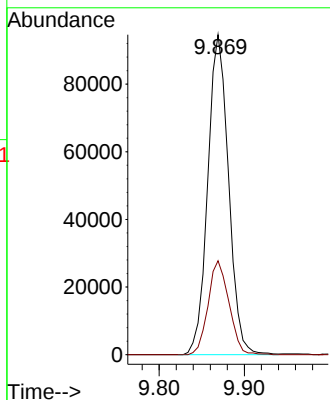
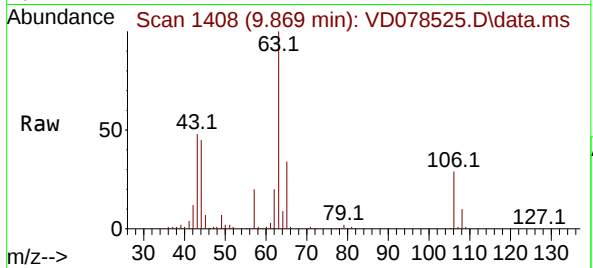
#58
2-Chloroethyl Vinyl ether
Concen: 351.881 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 63 Resp: 16048
Ion Ratio Lower Upper
63 100
106 29.4 25.3 37.9

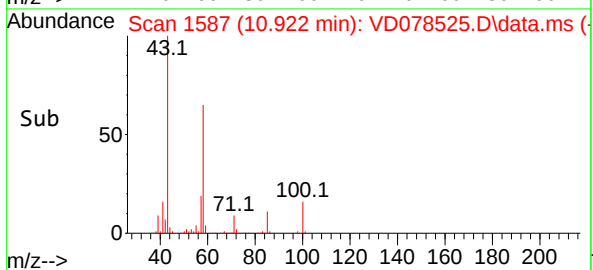
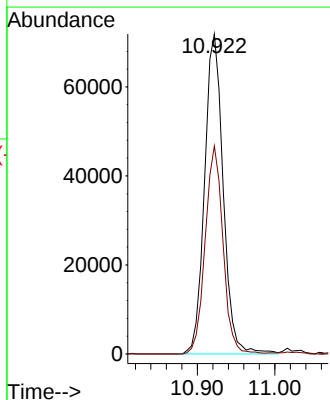
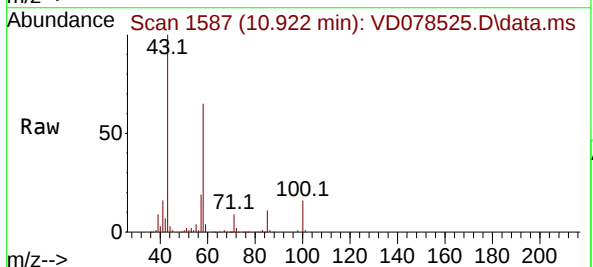
Manual Integrations
APPROVED

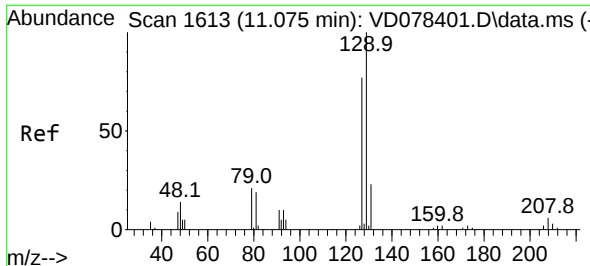
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#59
2-Hexanone
Concen: 296.909 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

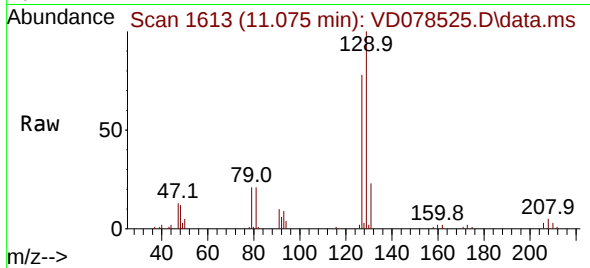
Tgt Ion: 43 Resp: 119800
Ion Ratio Lower Upper
43 100
58 62.2 34.1 102.2





#60
Dibromochloromethane
Concen: 52.522 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

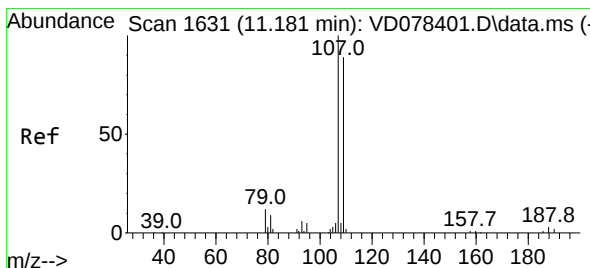
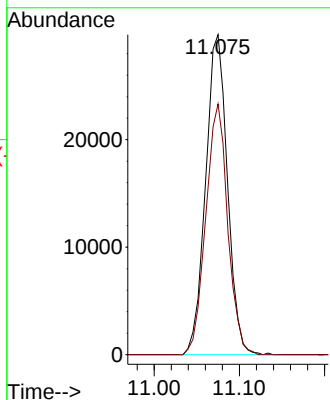
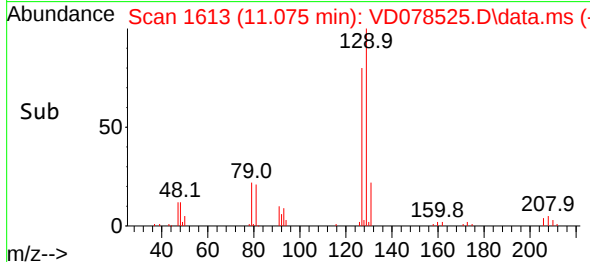
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



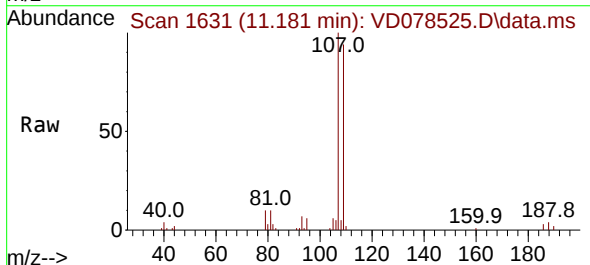
Tgt Ion:129 Resp: 52900
Ion Ratio Lower Upper
129 100
127 78.8 37.1 111.5

Manual Integrations
APPROVED

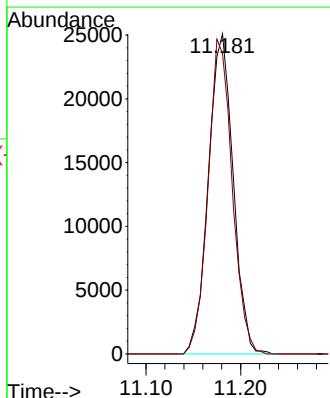
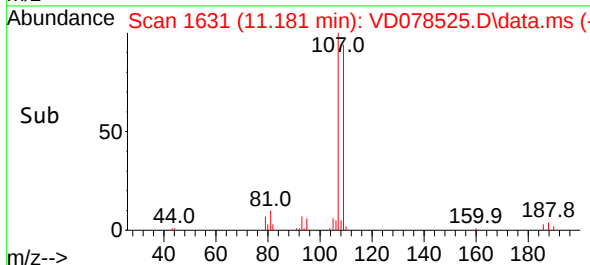
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

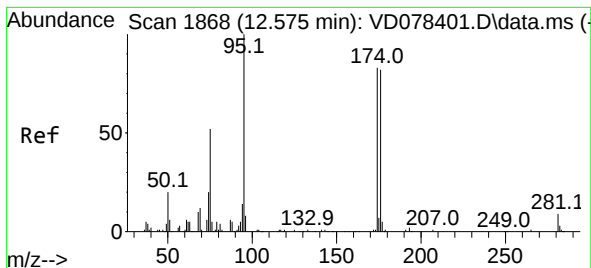


#61
1,2-Dibromoethane
Concen: 58.159 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49



Tgt Ion:107 Resp: 45709
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4





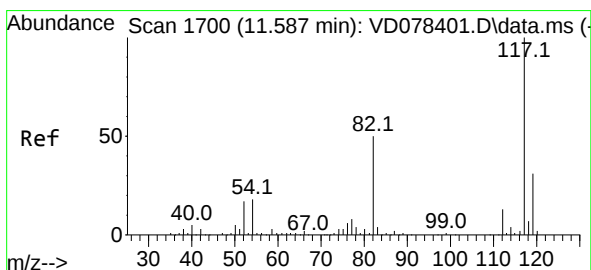
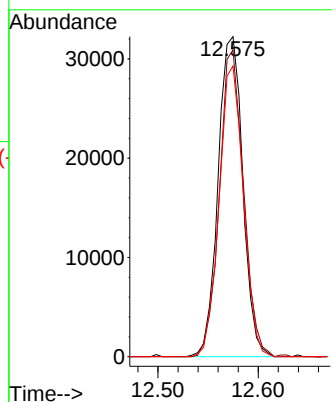
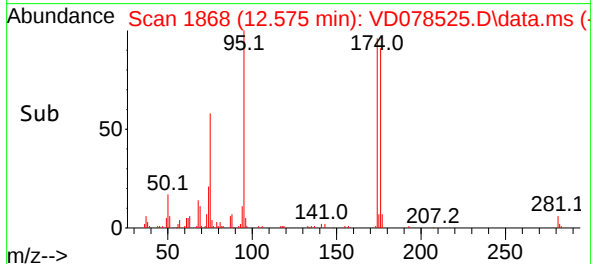
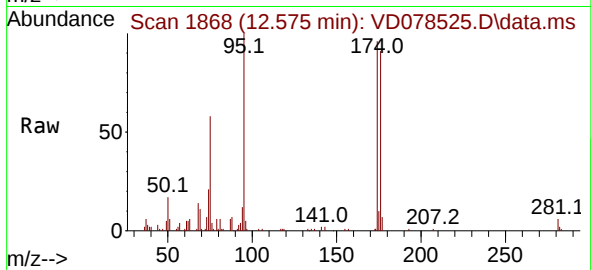
#62
4-Bromofluorobenzene
Concen: 47.079 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 95 Resp: 54978
Ion Ratio Lower Upper
95 100
174 93.9 0.0 201.8
176 89.4 0.0 191.8

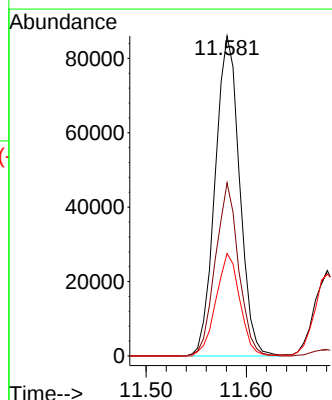
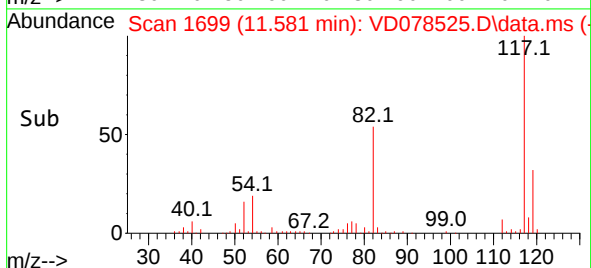
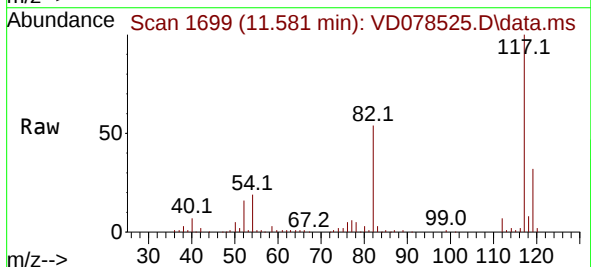
Manual Integrations
APPROVED

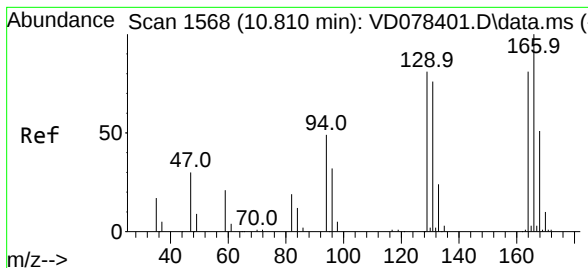
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion:117 Resp: 145864
Ion Ratio Lower Upper
117 100
82 54.1 38.3 57.5
119 32.0 25.0 37.4





#64

Tetrachloroethene

Concen: 81.599 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078525.D

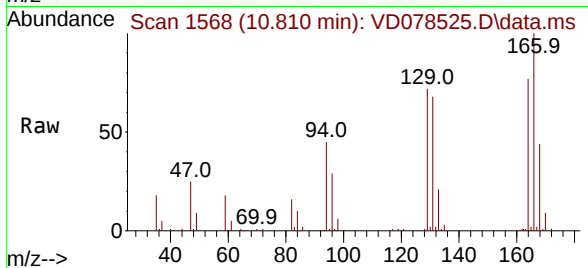
Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:164 Resp: 75179

Ion Ratio Lower Upper

164 100

166 129.8 99.2 148.8

129 93.1 68.4 102.6

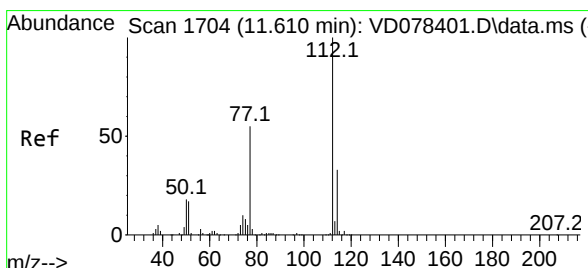
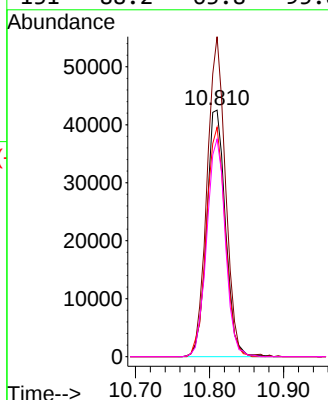
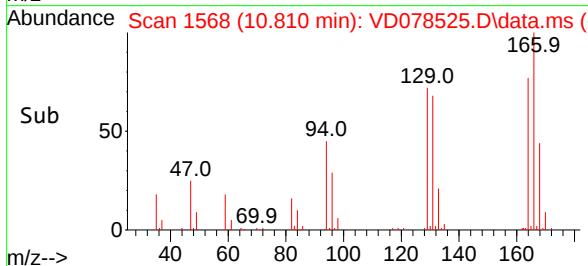
131 88.2 63.8 95.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#65

Chlorobenzene

Concen: 50.015 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078525.D

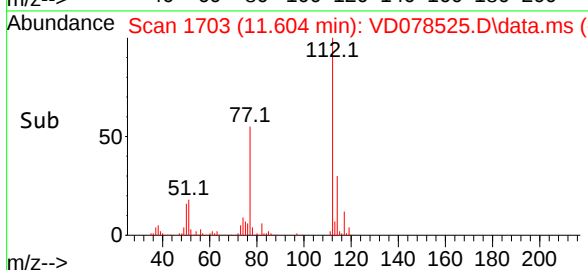
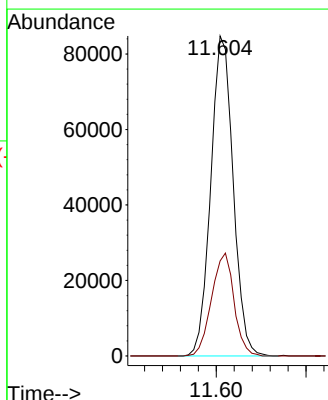
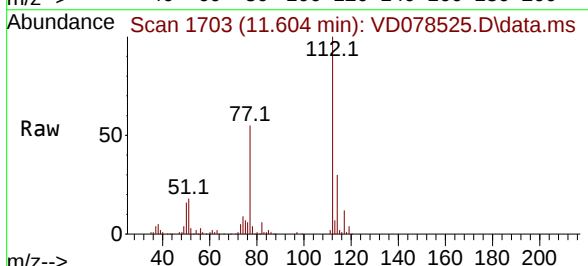
Acq: 22 Feb 2024 18:49

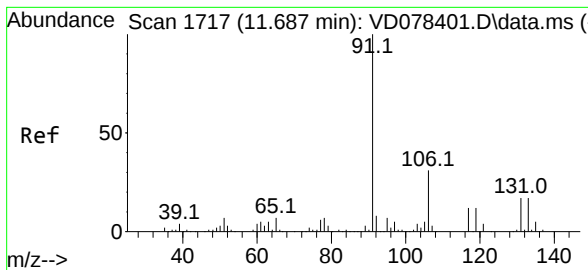
Tgt Ion:112 Resp: 146666

Ion Ratio Lower Upper

112 100

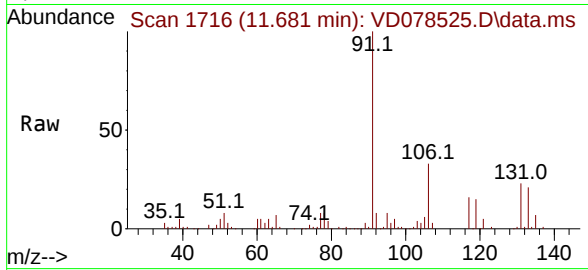
114 29.7 25.1 37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 51.023 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

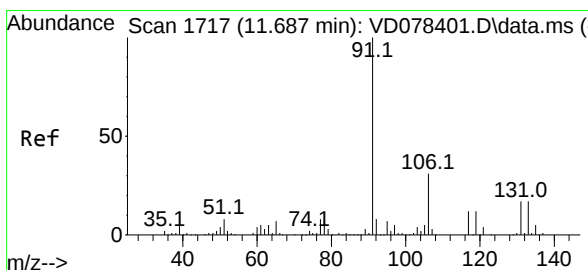
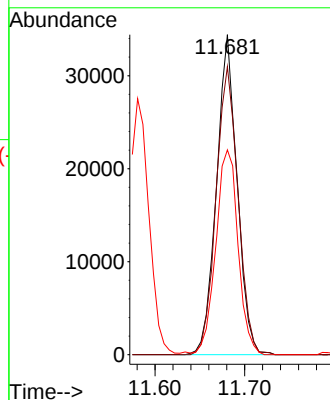
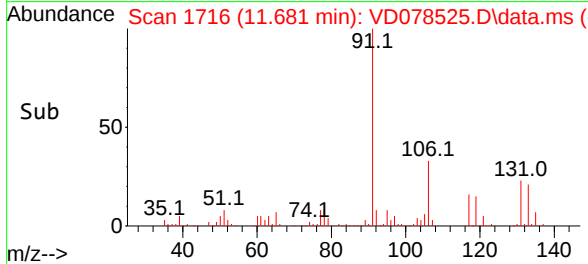
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:131 Resp: 5498
Ion Ratio Lower Upper
131 100
133 95.8 48.5 145.5
119 69.2 35.6 106.9

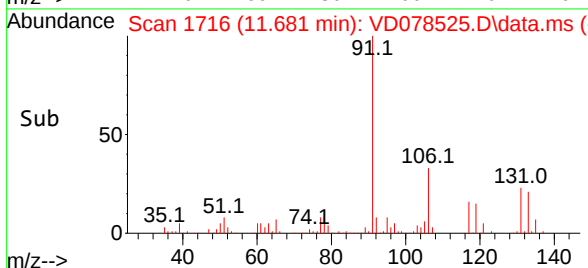
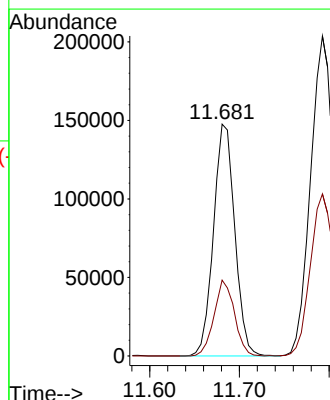
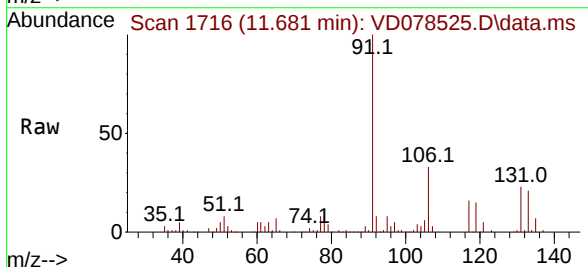
Manual Integrations
APPROVED

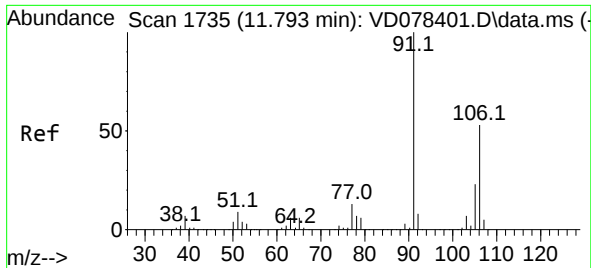
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#67
Ethyl Benzene
Concen: 46.301 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

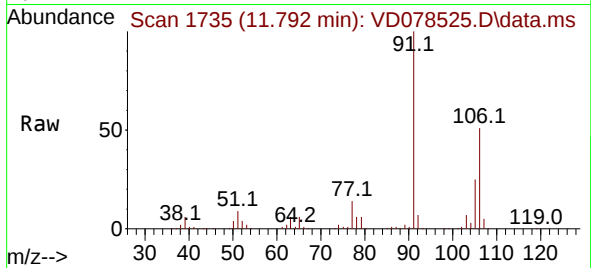
Tgt Ion: 91 Resp: 243274
Ion Ratio Lower Upper
91 100
106 32.7 26.5 39.7





#68
m/p-Xylenes
Concen: 93.813 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

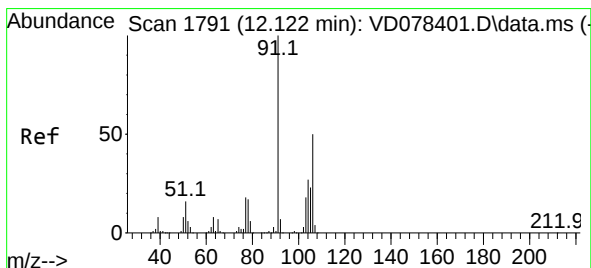
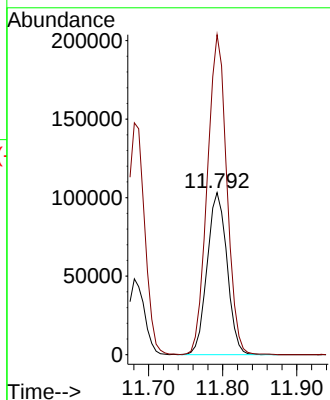
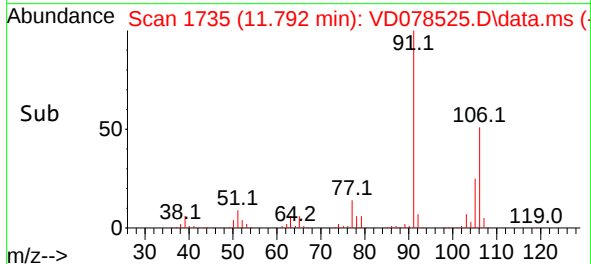
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:106 Resp: 19226
Ion Ratio Lower Upper
106 100
91 193.9 147.0 220.6

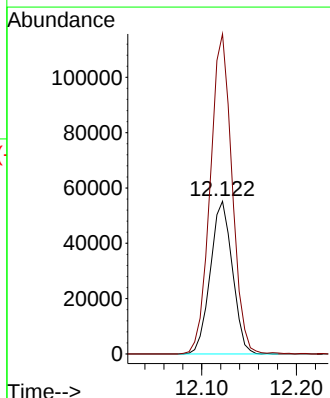
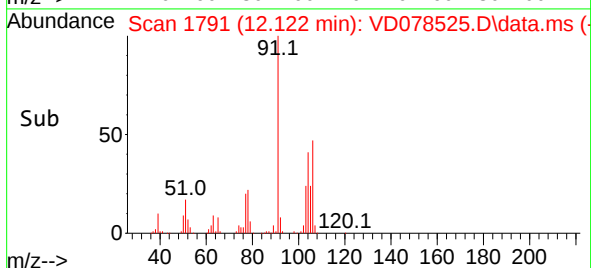
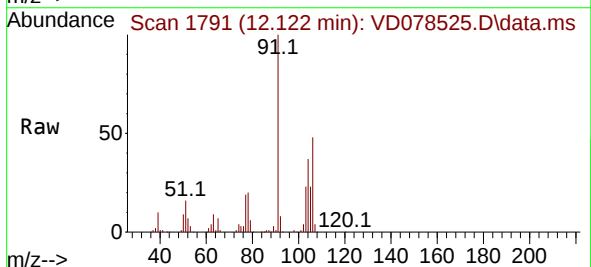
Manual Integrations
APPROVED

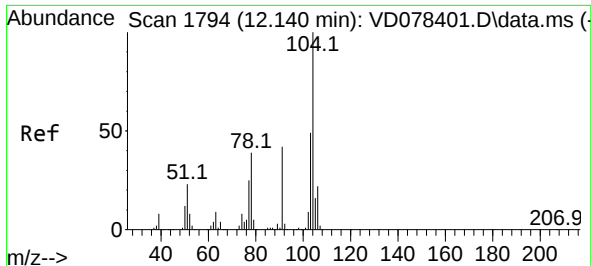
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#69
o-Xylene
Concen: 47.595 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

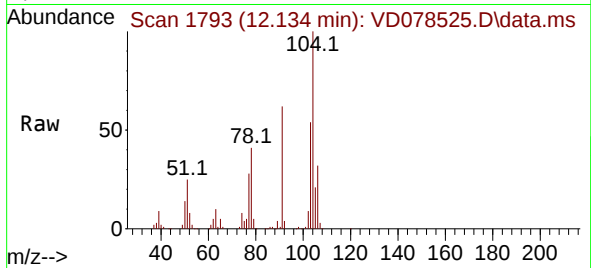
Tgt Ion:106 Resp: 89017
Ion Ratio Lower Upper
106 100
91 208.0 97.9 293.6





#70
Styrene
Concen: 45.692 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

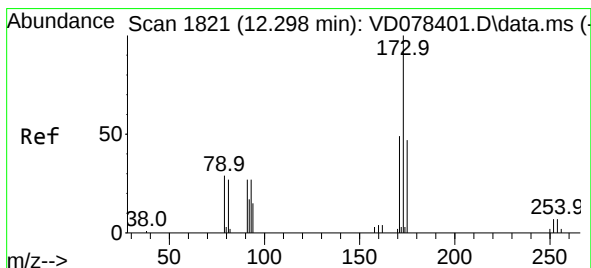
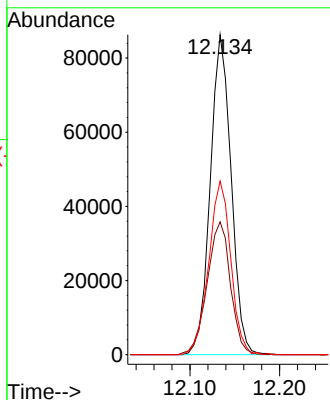
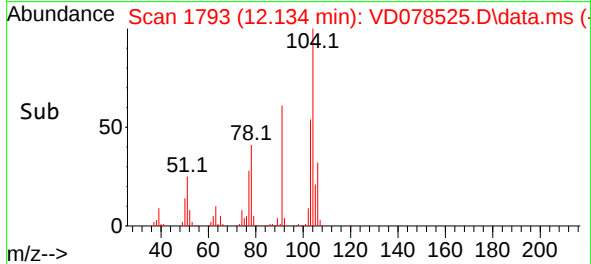
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:104 Resp: 139469
Ion Ratio Lower Upper
104 100
78 46.4 33.2 49.8
103 57.3 43.6 65.4

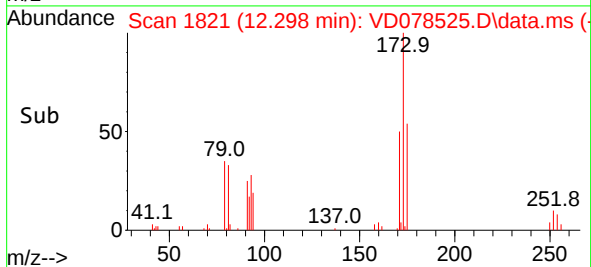
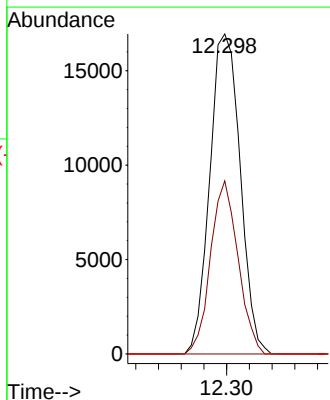
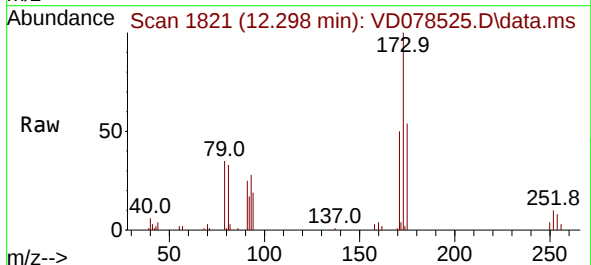
Manual Integrations
APPROVED

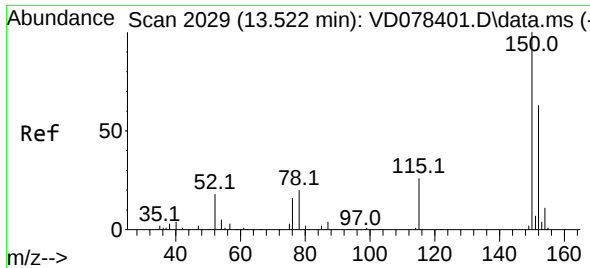
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#71
Bromoform
Concen: 55.615 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

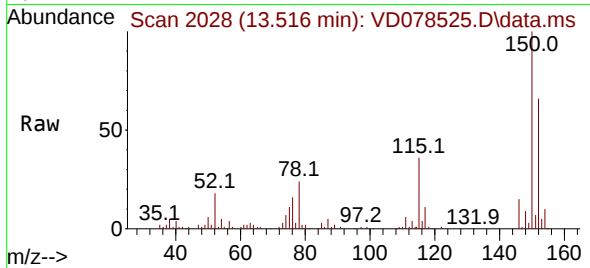
Tgt Ion:173 Resp: 31546
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

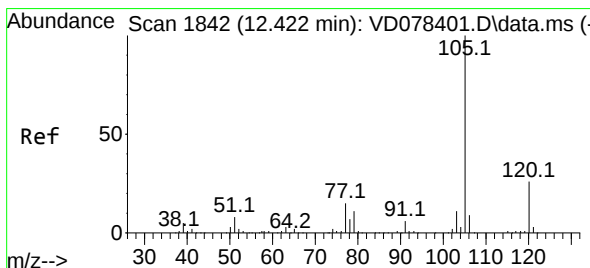
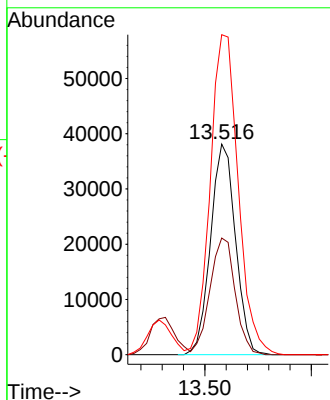
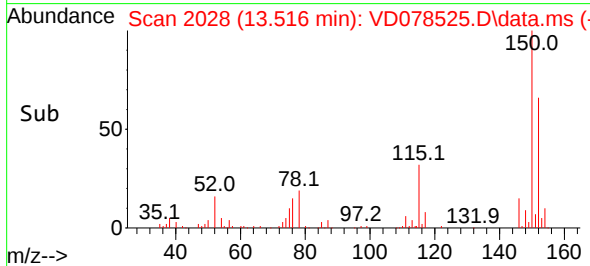
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:152 Resp: 61958
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.3
150 170.0 0.0 353.6

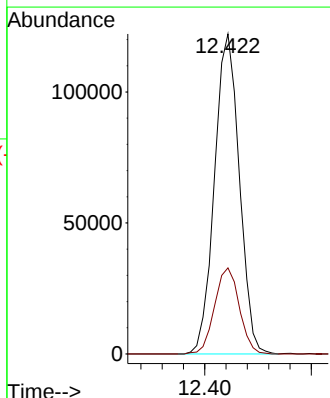
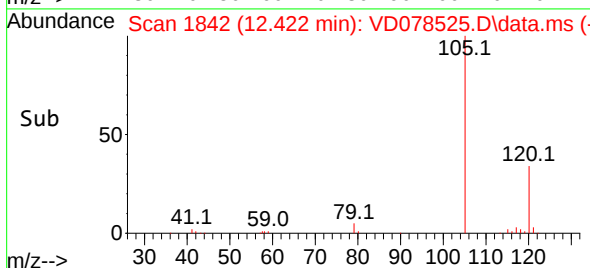
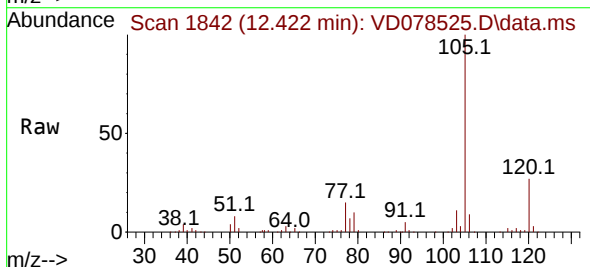
Manual Integrations
APPROVED

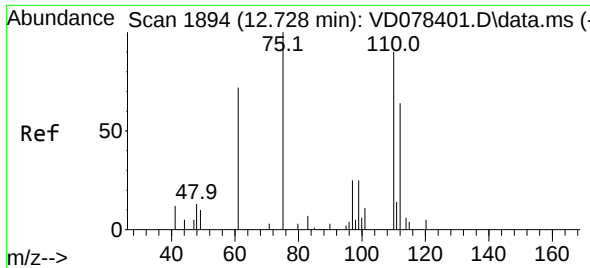
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#73
Isopropylbenzene
Concen: 47.487 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion:105 Resp: 197571
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9





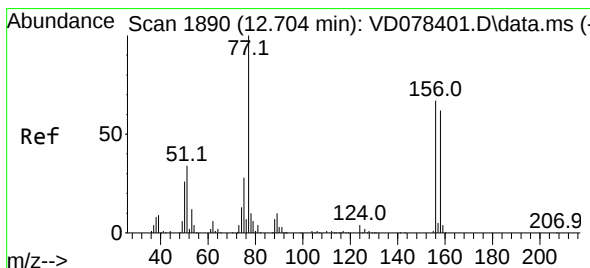
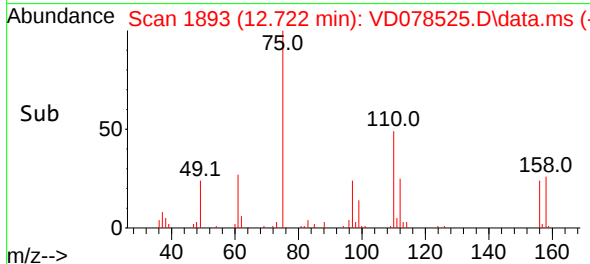
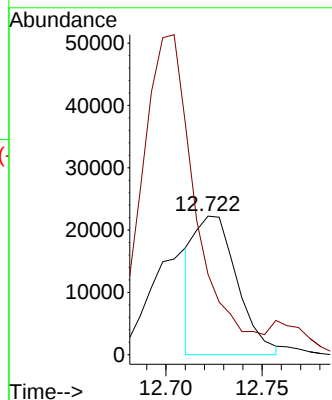
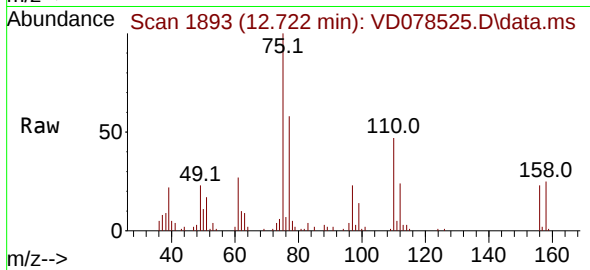
#76
1,2,3-Trichloropropane
Concen: 65.278 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 75 Resp: 3433
Ion Ratio Lower Upper
75 100
77 292.6 0.0 0.0

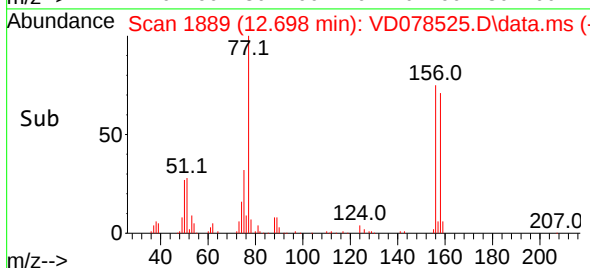
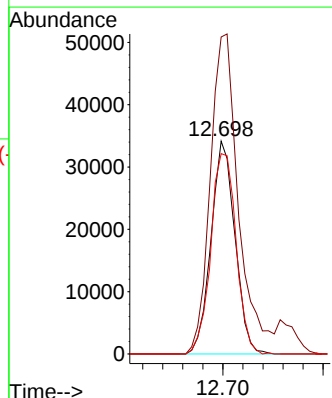
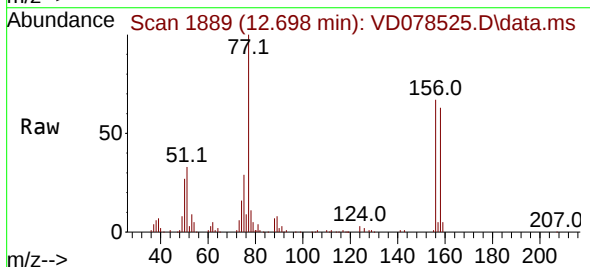
Manual Integrations
APPROVED

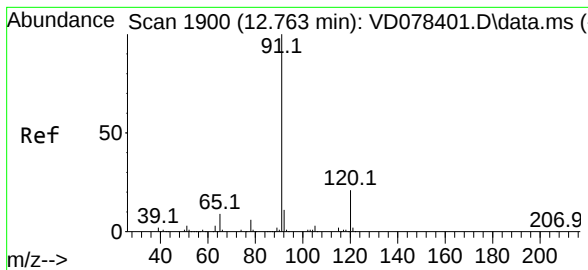
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#77
Bromobenzene
Concen: 57.965 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

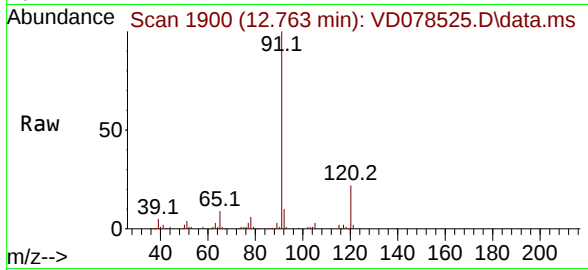
Tgt Ion:156 Resp: 56677
Ion Ratio Lower Upper
156 100
77 177.2 76.8 230.4
158 99.5 48.6 145.9





#78
n-propylbenzene
Concen: 43.110 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

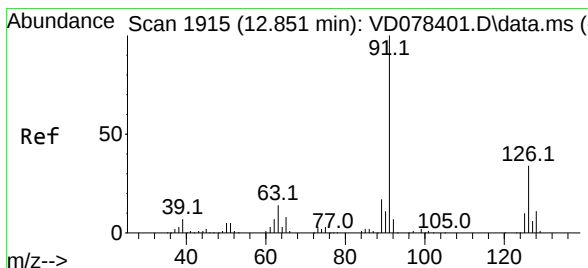
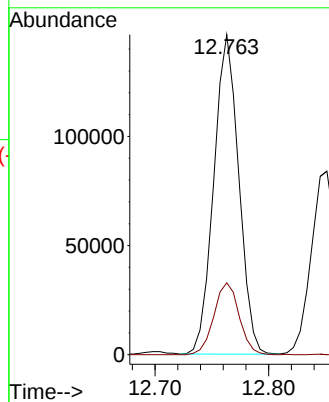
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 91 Resp: 223511
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2

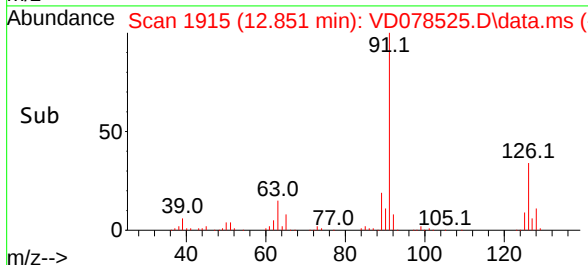
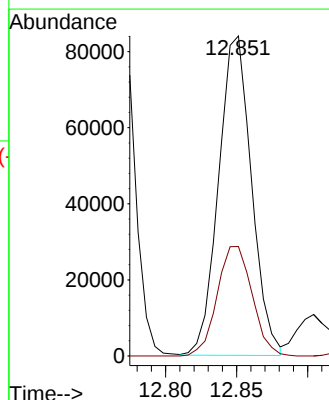
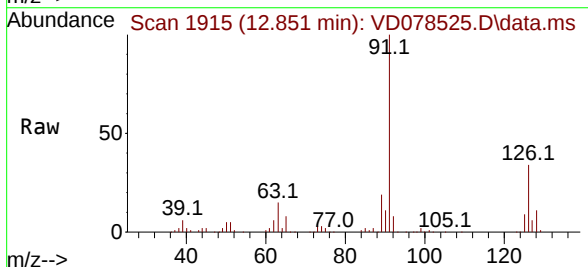
Manual Integrations
APPROVED

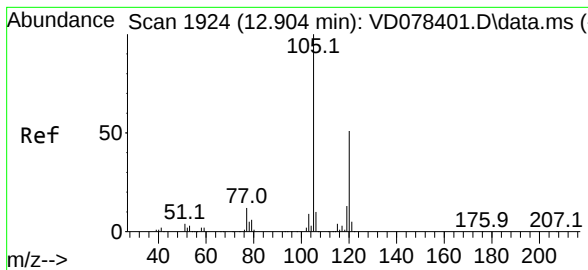
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#79
2-Chlorotoluene
Concen: 48.826 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

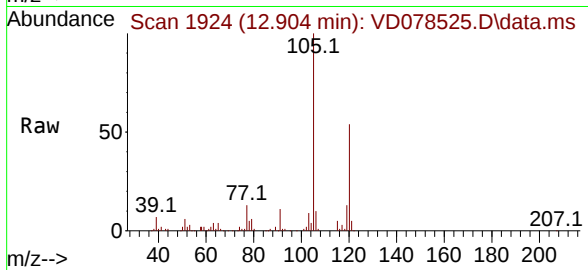
Tgt Ion: 91 Resp: 135588
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1





#80
1,3,5-Trimethylbenzene
Concen: 44.509 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

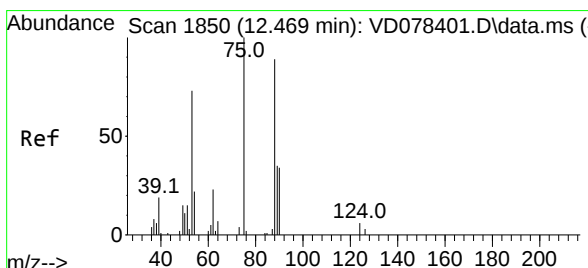
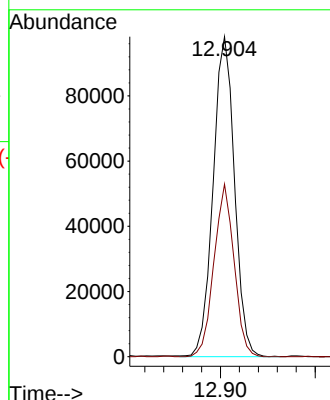
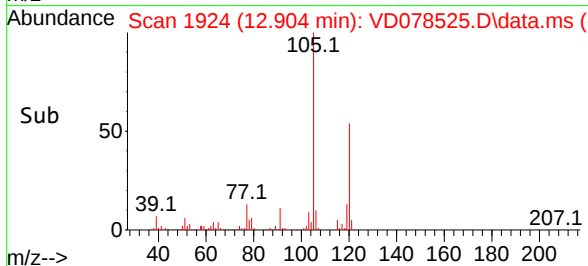
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:105 Resp: 15376
Ion Ratio Lower Upper
105 100
120 50.7 26.4 79.2

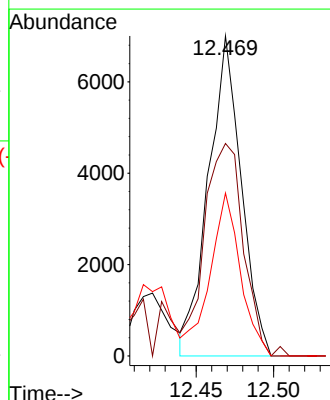
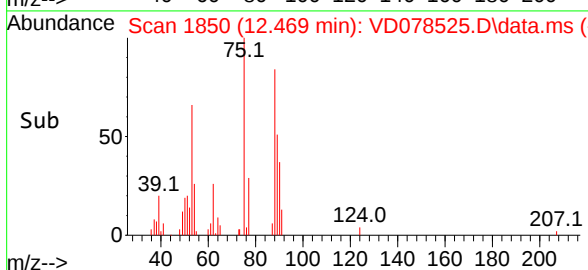
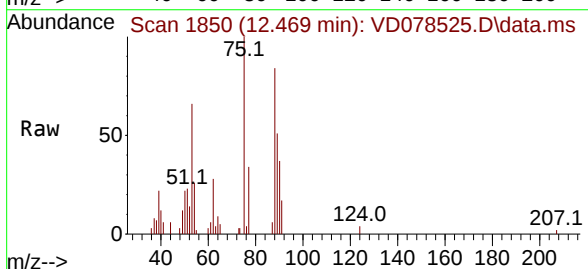
Manual Integrations
APPROVED

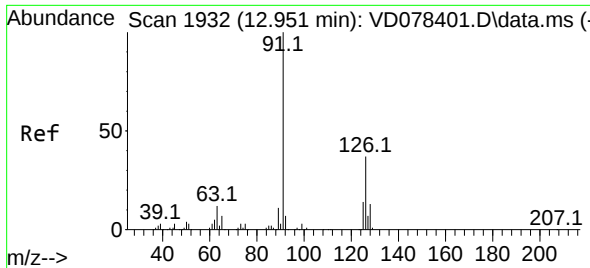
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#81
trans-1,4-Dichloro-2-butene
Concen: 40.612 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion: 75 Resp: 10290
Ion Ratio Lower Upper
75 100
53 79.1 63.0 94.4
89 47.7 37.9 56.9





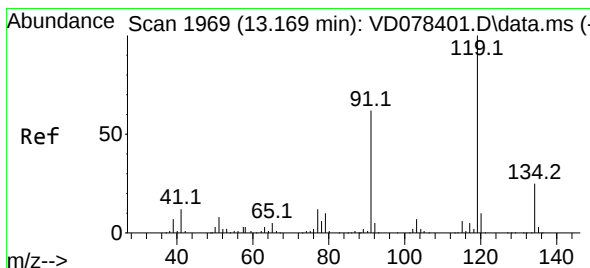
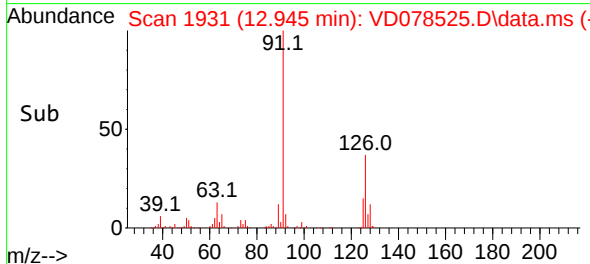
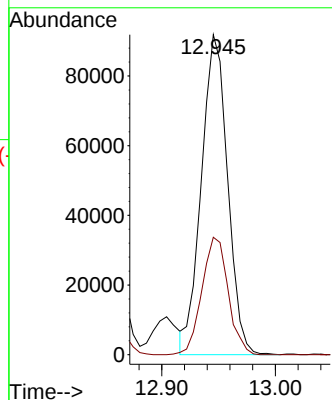
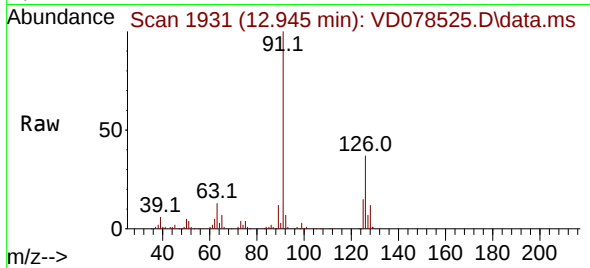
#82
4-Chlorotoluene
Concen: 49.354 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 91 Resp: 147198
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.4

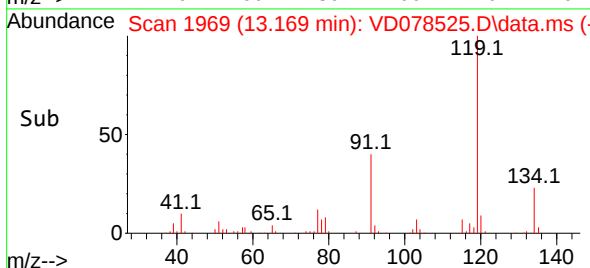
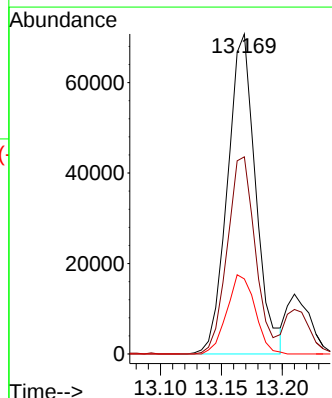
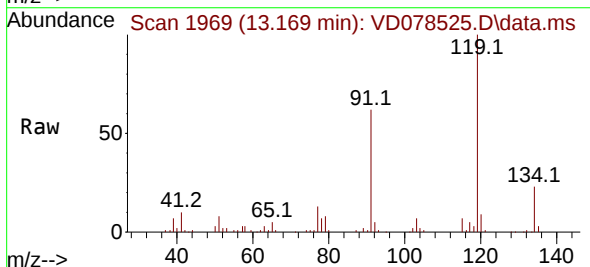
Manual Integrations
APPROVED

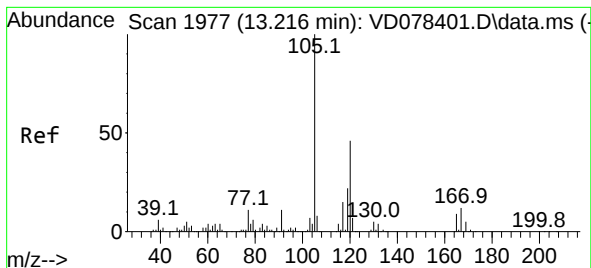
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#83
tert-Butylbenzene
Concen: 39.156 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion:119 Resp: 114083
Ion Ratio Lower Upper
119 100
91 60.9 29.3 87.8
134 24.7 14.1 42.3





#84

1,2,4-Trimethylbenzene

Concen: 45.948 ug/l

RT: 13.210 min Scan# 1977

Delta R.T. -0.006 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:105 Resp: 161100

Ion Ratio Lower Upper

105 100

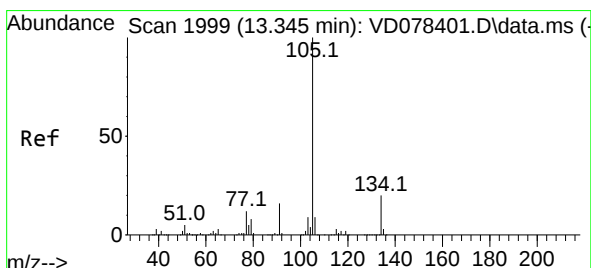
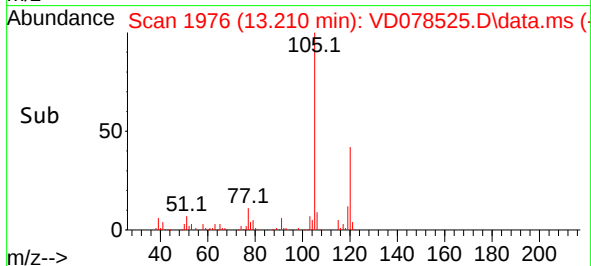
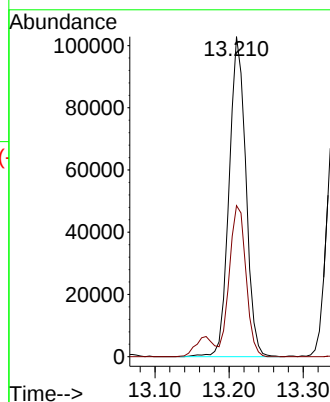
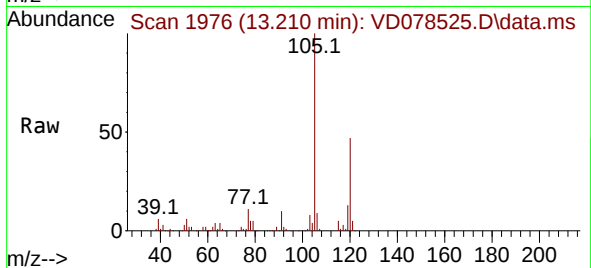
120 46.4 24.3 72.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#85

sec-Butylbenzene

Concen: 31.712 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078525.D

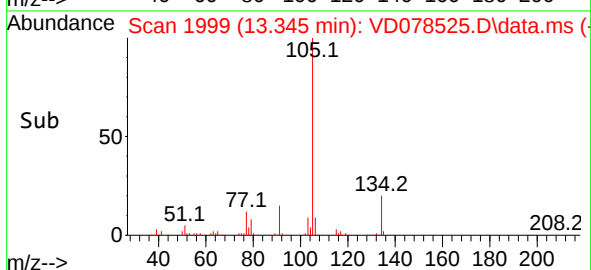
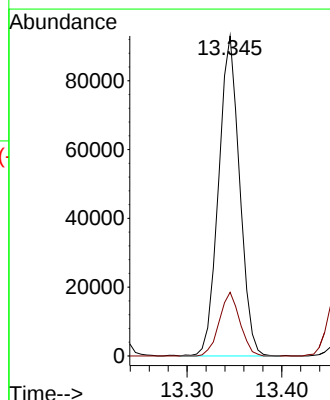
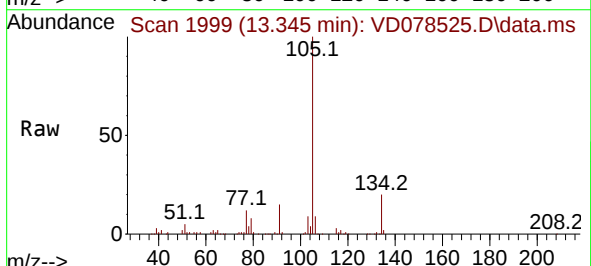
Acq: 22 Feb 2024 18:49

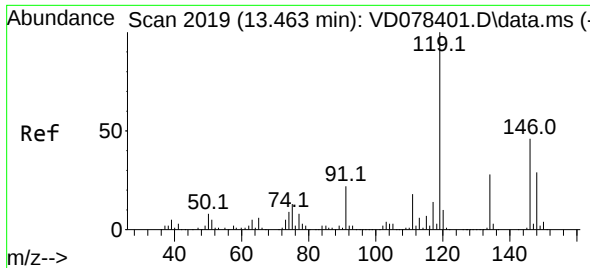
Tgt Ion:105 Resp: 143291

Ion Ratio Lower Upper

105 100

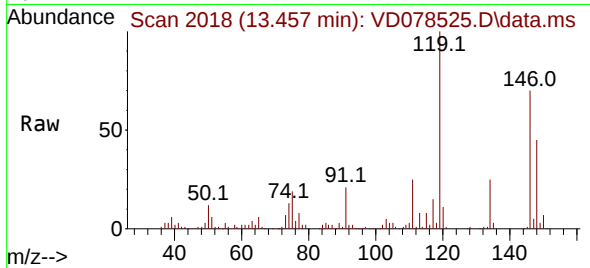
134 19.5 10.9 32.9





#86
p-Isopropyltoluene
Concen: 34.294 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

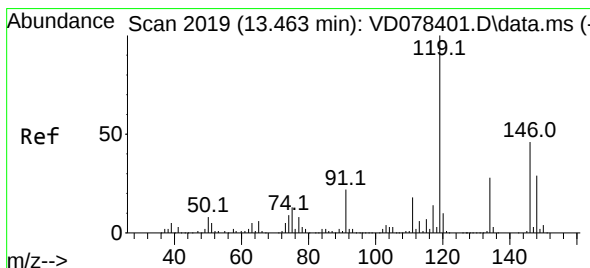
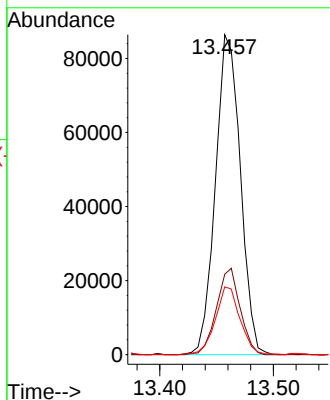
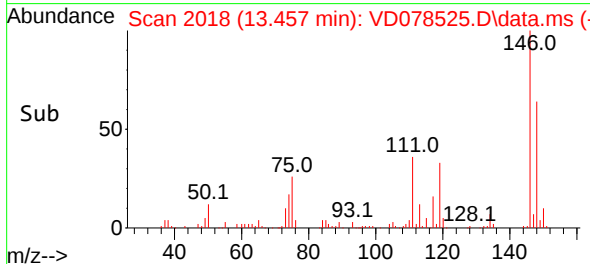
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



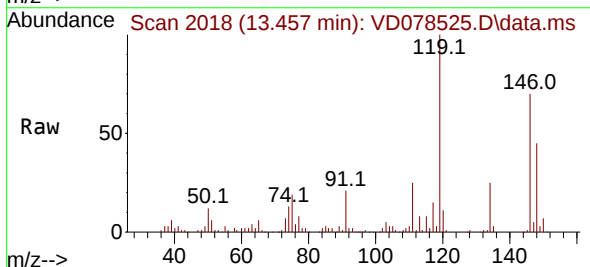
Tgt Ion:119 Resp: 13198
Ion Ratio Lower Upper
119 100
134 25.5 14.2 42.6
91 21.0 10.5 31.5

Manual Integrations
APPROVED

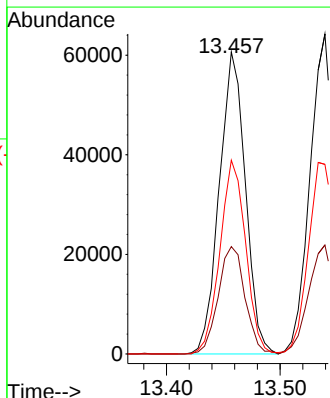
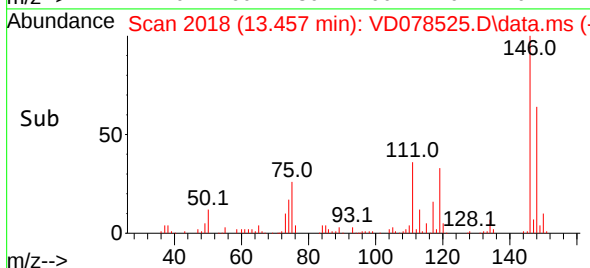
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

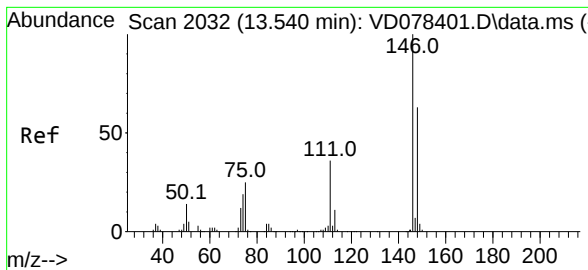


#87
1,3-Dichlorobenzene
Concen: 46.376 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49



Tgt Ion:146 Resp: 96781
Ion Ratio Lower Upper
146 100
111 36.5 17.9 53.8
148 63.3 32.3 96.8





#88

1,4-Dichlorobenzene

Concen: 49.059 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:146 Resp: 100590

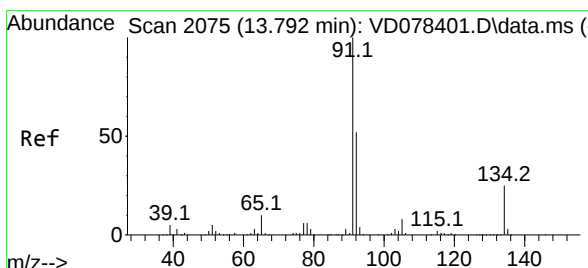
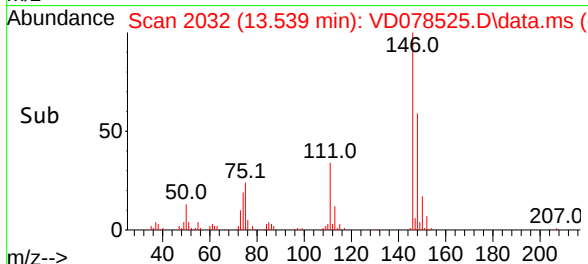
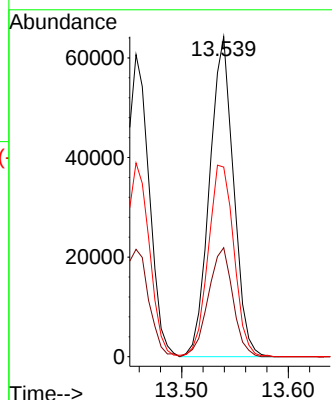
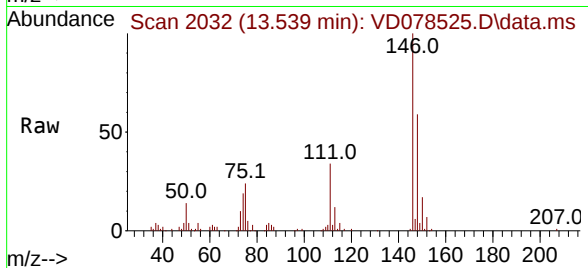
Ion	Ratio	Lower	Upper
146	100		
111	34.9	17.4	52.3
148	64.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#89

n-Butylbenzene

Concen: 25.504 ug/l

RT: 13.786 min Scan# 2074

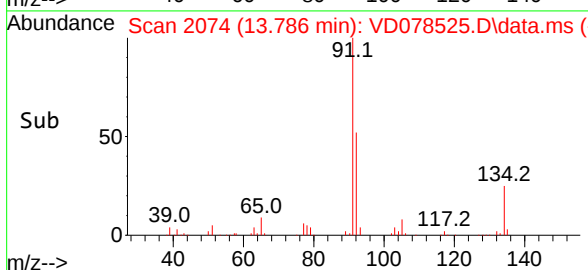
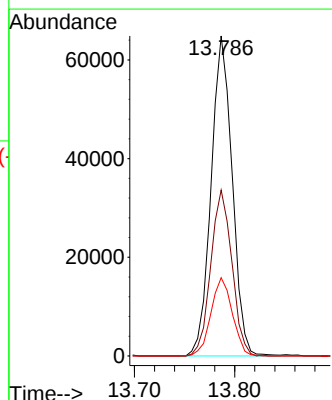
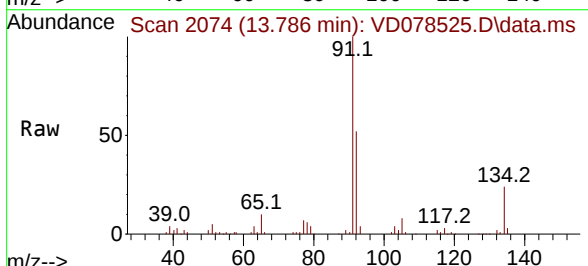
Delta R.T. -0.006 min

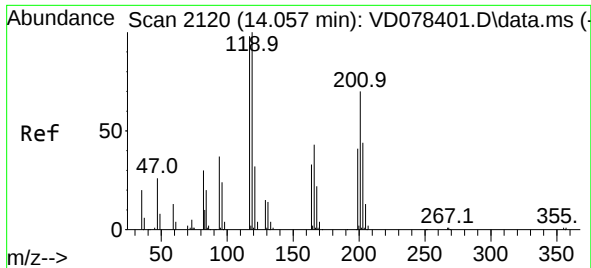
Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Tgt Ion: 91 Resp: 94606

Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.5	79.5
134	24.8	13.8	41.3





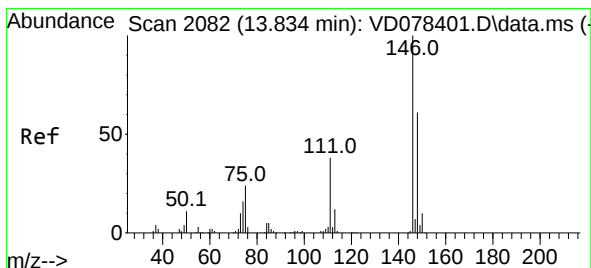
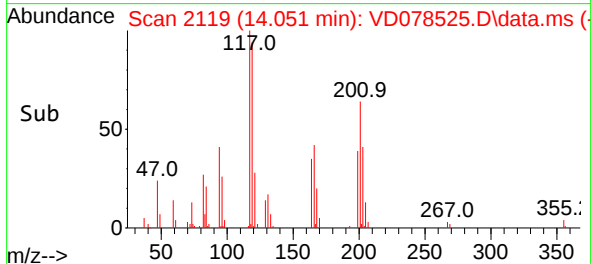
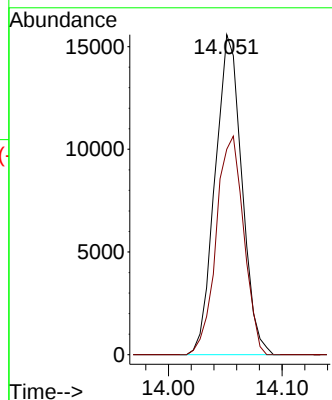
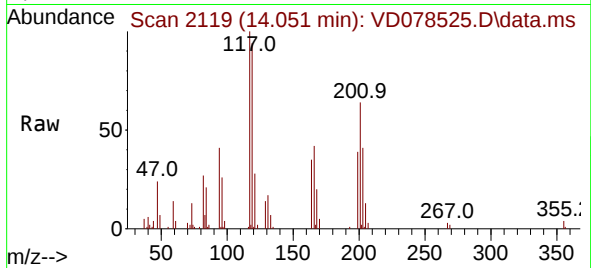
#90
Hexachloroethane
Concen: 32.268 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:117 Resp: 25524
Ion Ratio Lower Upper
117 100
201 70.3 38.5 115.5

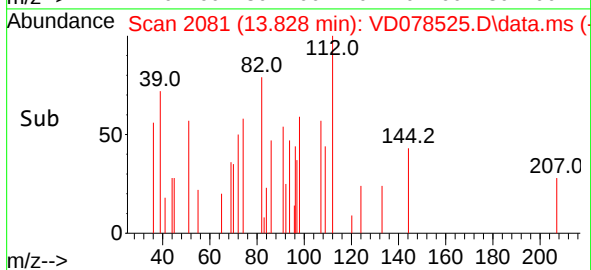
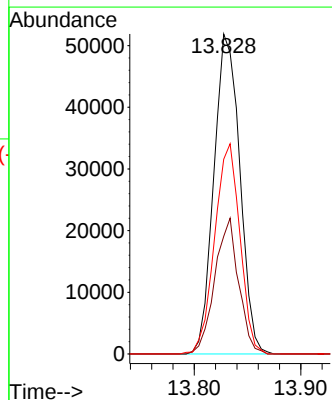
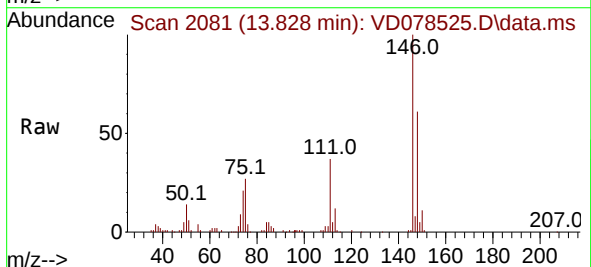
Manual Integrations
APPROVED

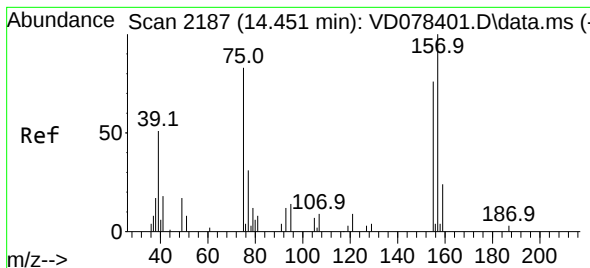
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#91
1,2-Dichlorobenzene
Concen: 49.992 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Tgt Ion:146 Resp: 87606
Ion Ratio Lower Upper
146 100
111 39.0 18.3 54.8
148 64.1 31.6 94.7





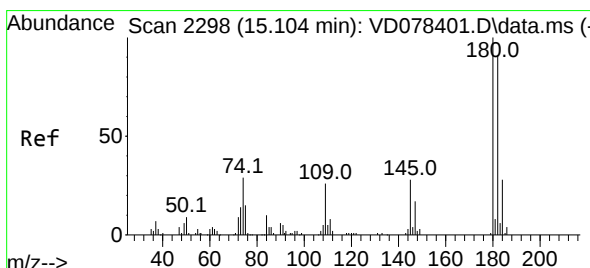
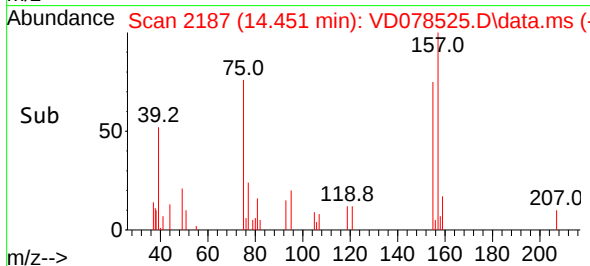
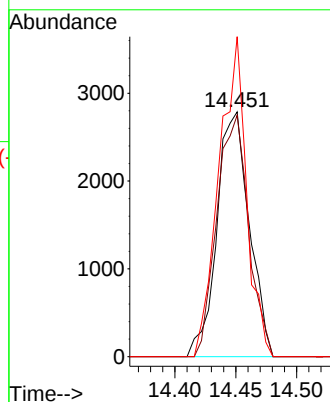
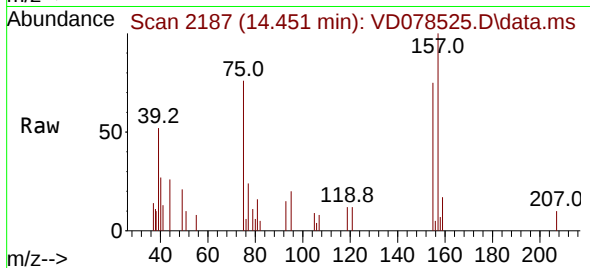
#92
1,2-Dibromo-3-Chloropropane
Concen: 47.824 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 75 Resp: 516
Ion Ratio Lower Upper
75 100
155 96.1 47.9 143.8
157 110.6 59.9 179.7

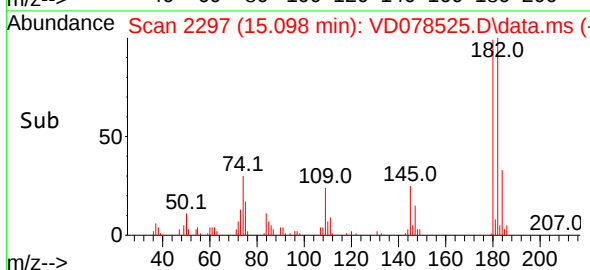
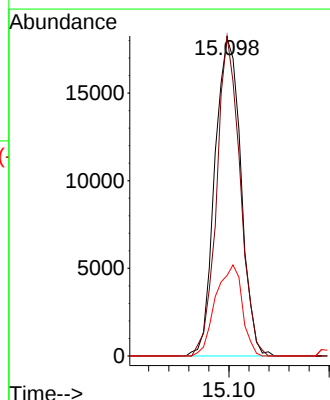
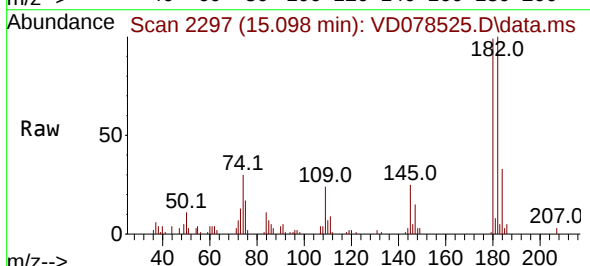
Manual Integrations
APPROVED

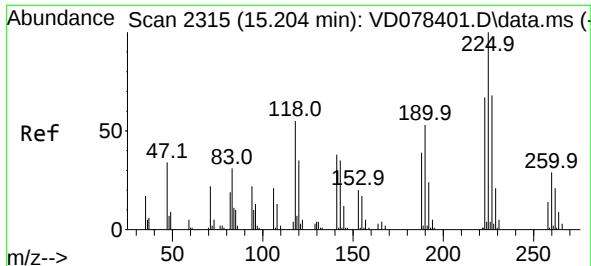
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#93
1,2,4-Trichlorobenzene
Concen: 31.659 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

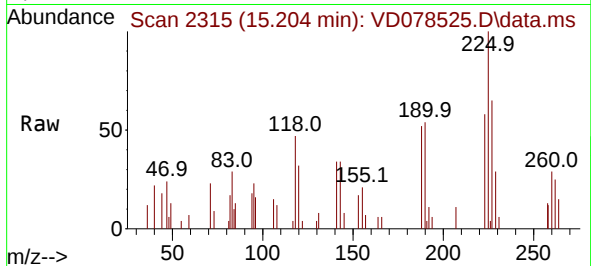
Tgt Ion:180 Resp: 32606
Ion Ratio Lower Upper
180 100
182 90.1 48.5 145.6
145 29.2 14.2 42.6





#94
Hexachlorobutadiene
Concen: 10.929 ug/l
RT: 15.204 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

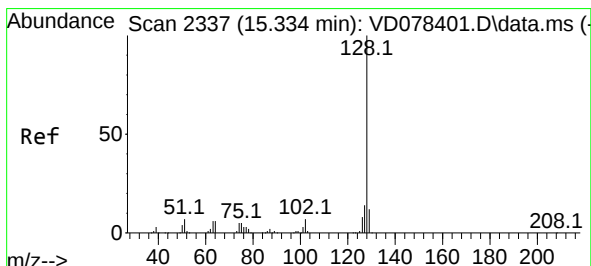
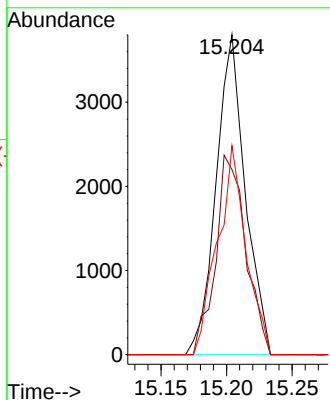
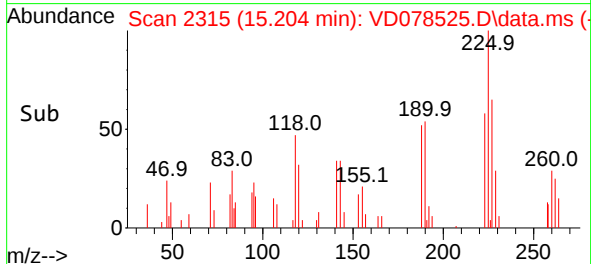
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



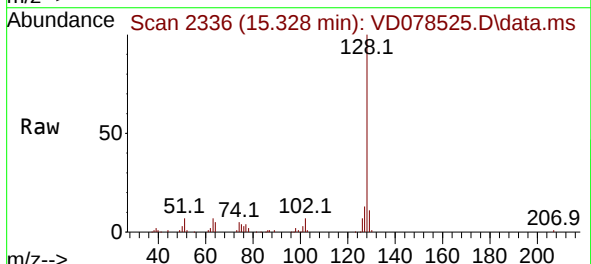
Tgt Ion:225 Resp: 5875
Ion Ratio Lower Upper
225 100
223 64.4 31.6 94.8
227 63.9 31.7 95.1

Manual Integrations
APPROVED

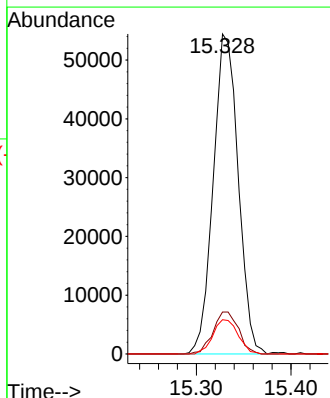
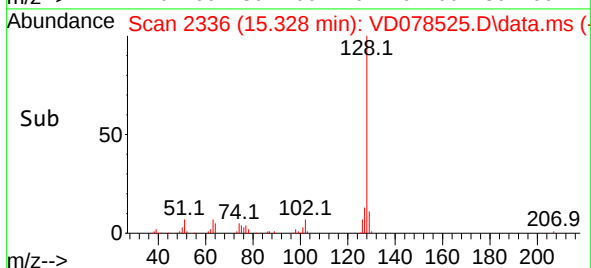
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

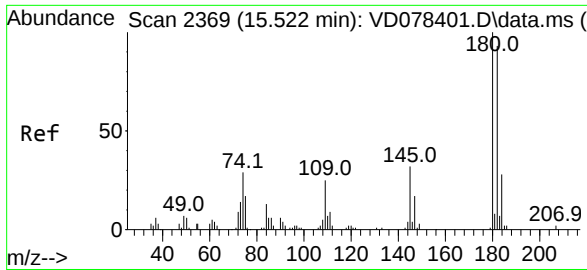


#95
Naphthalene
Concen: 52.180 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49



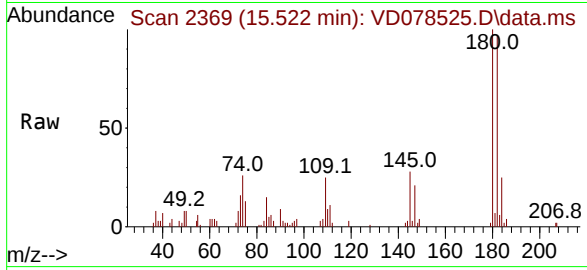
Tgt Ion:128 Resp: 99675
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 31.678 ug/l
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:180 Resp: 27650
 Ion Ratio Lower Upper
 180 100
 182 97.7 47.3 141.9
 145 30.4 15.1 45.3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

