

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

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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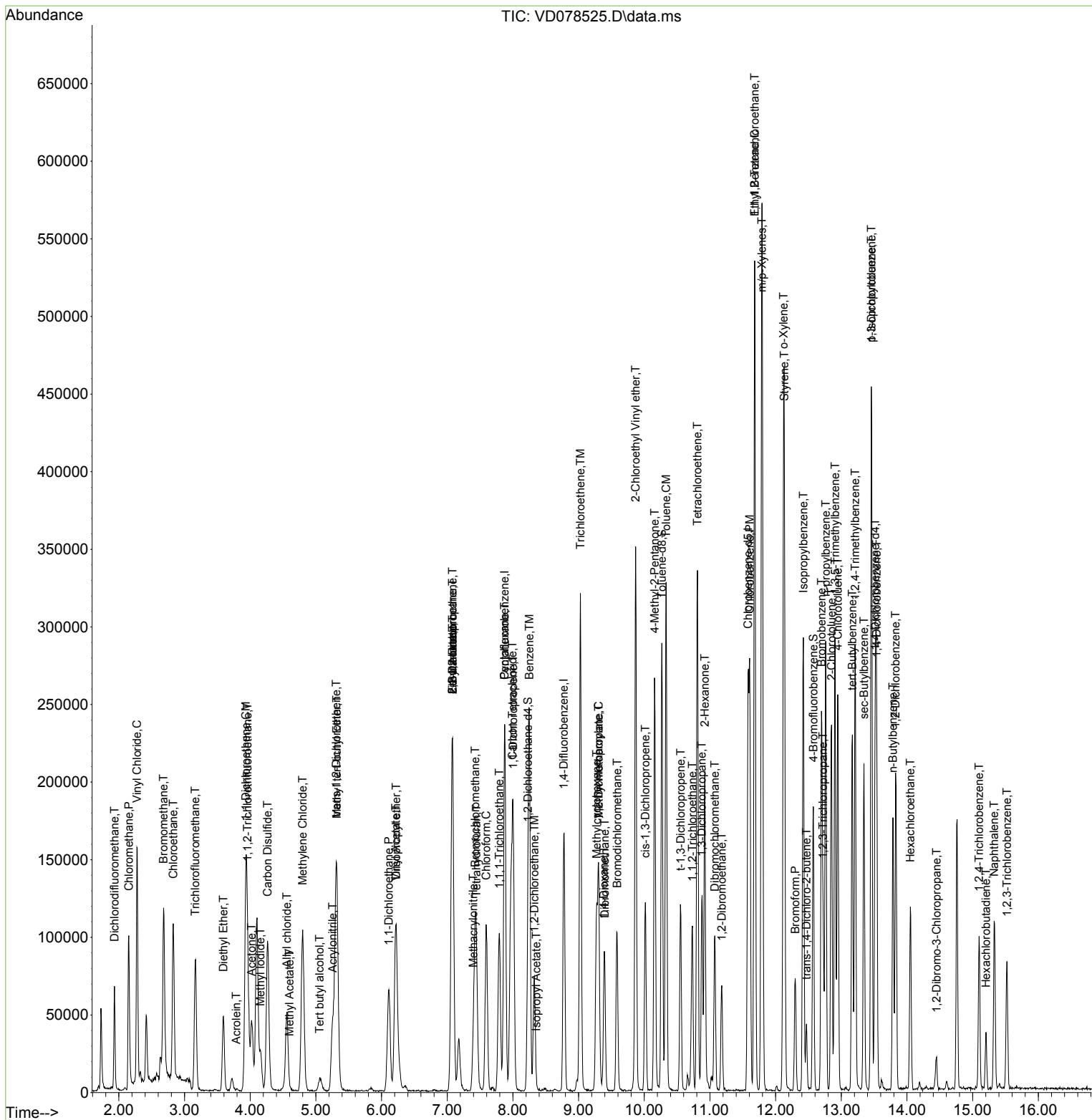
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 Quant Title : SW846 8260
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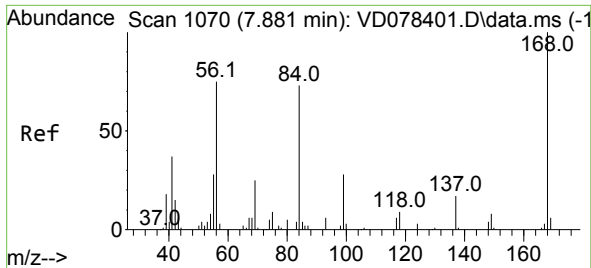
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14012	49.284	ug/l #	76
42) 1,2-Dichloroethane	8.328	62	63655	54.614	ug/l	95
43) Isopropyl Acetate	8.357	43	1088	1.076	ug/l #	43
44) Trichloroethene	9.028	130	111466	96.997	ug/l	88
45) 1,2-Dichloropropane	9.304	63	58547	52.974	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	59385	112.896	ug/l #	100
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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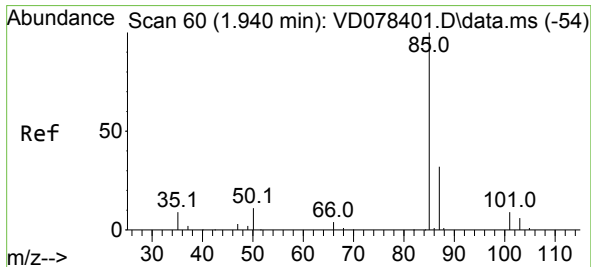
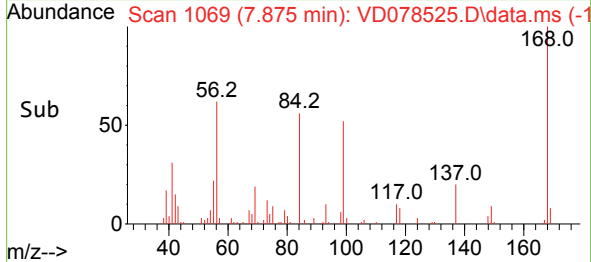
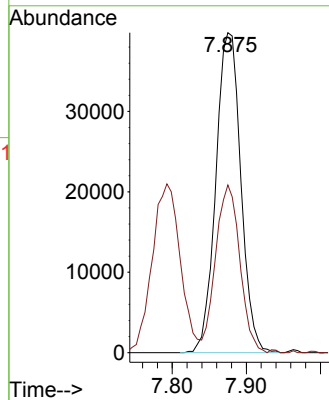
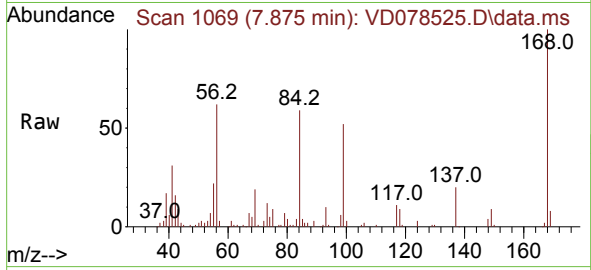




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
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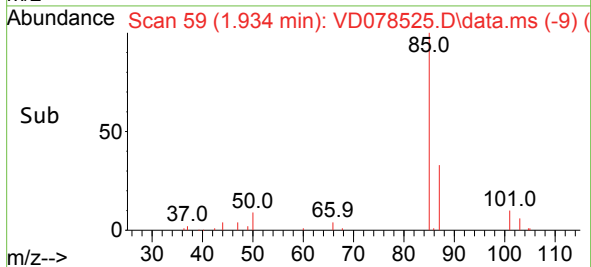
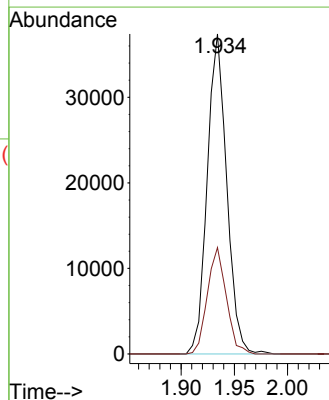
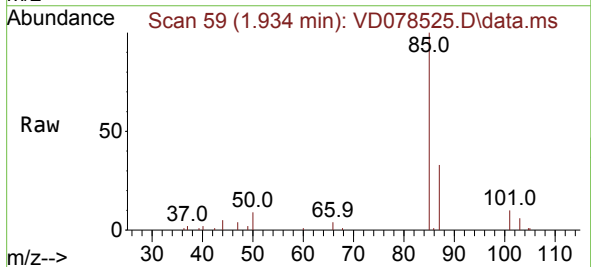
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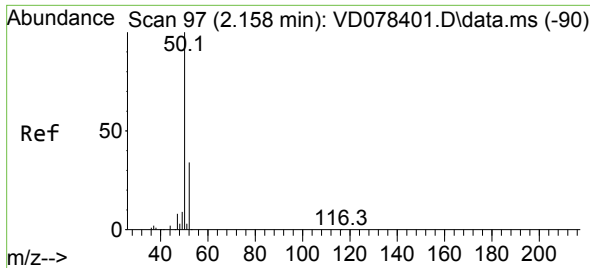
Tgt Ion:168 Resp: 93051
Ion Ratio Lower Upper
168 100
99 52.4 36.7 55.1



#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

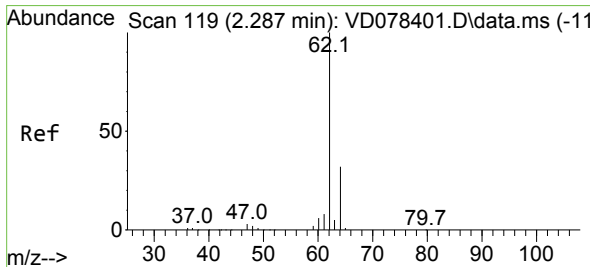
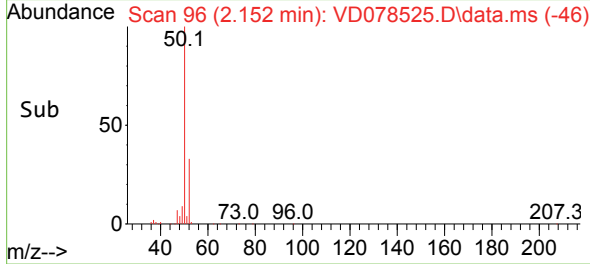
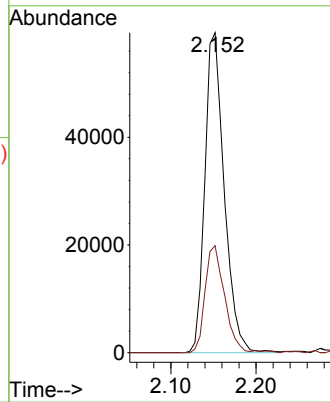
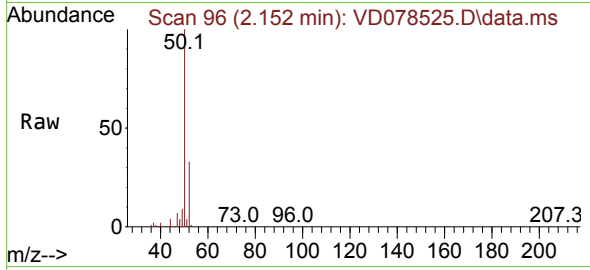




#3
Chloromethane
Concen: 55.704 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

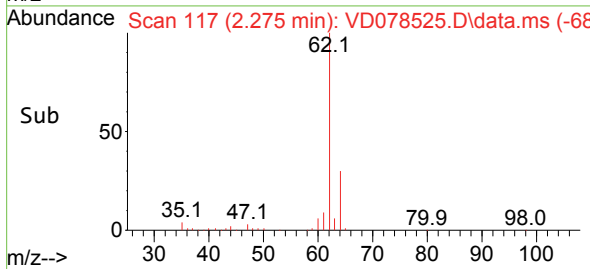
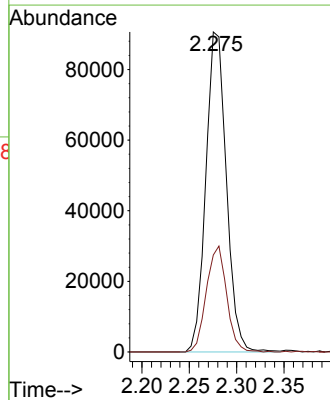
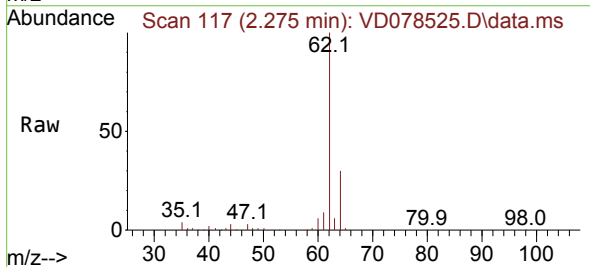
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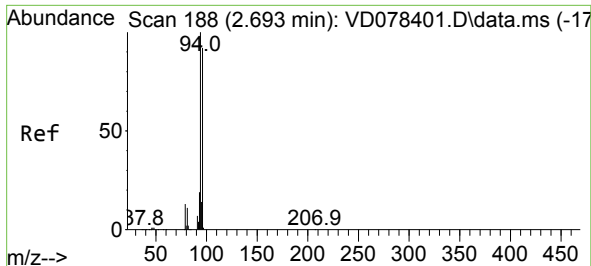
Tgt Ion: 50 Resp: 93855
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#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

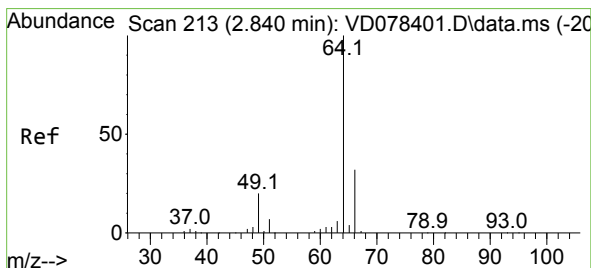
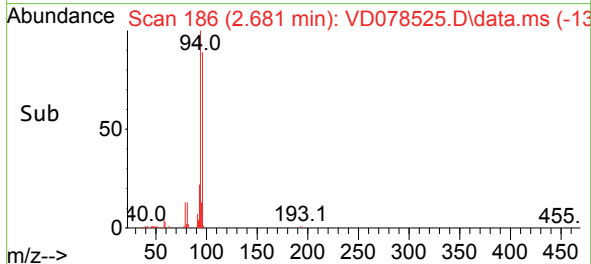
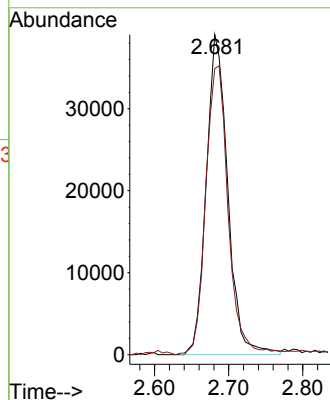
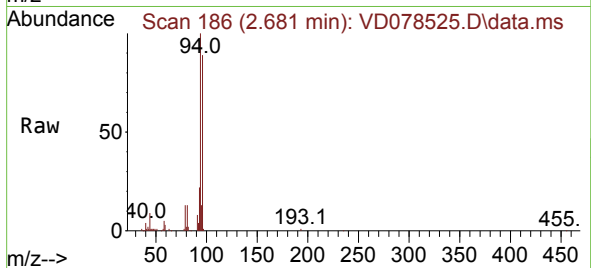




#5
Bromomethane
Concen: 44.332 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

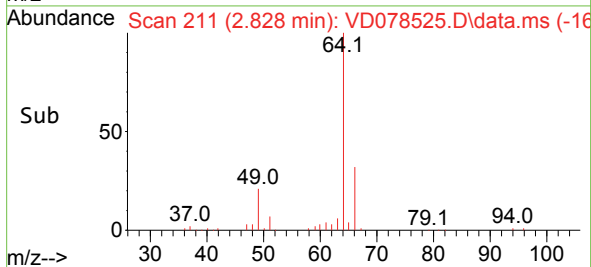
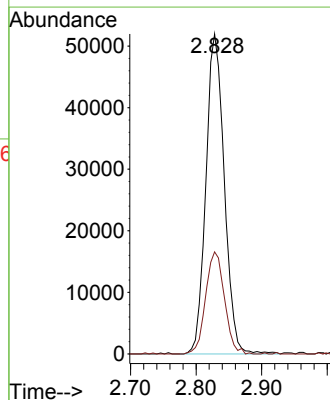
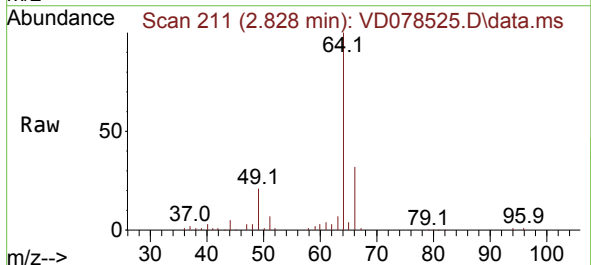
Instrument :
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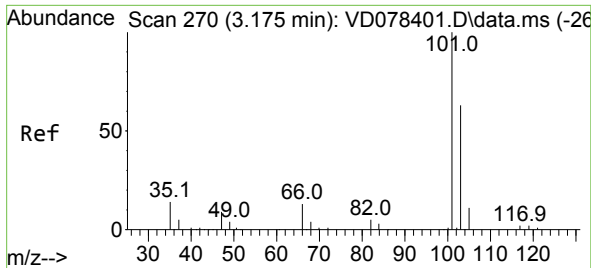
Tgt Ion: 94 Resp: 78674
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8



#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

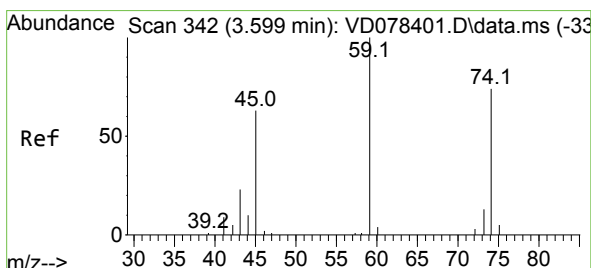
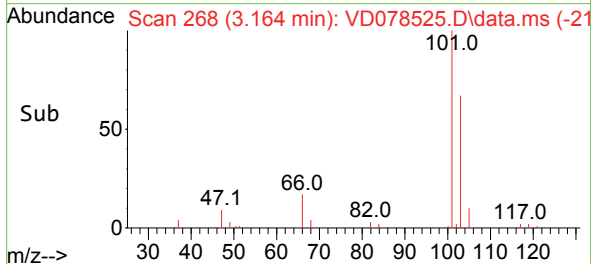
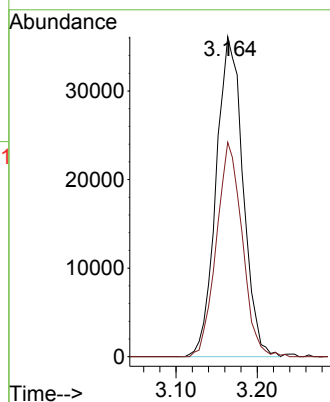
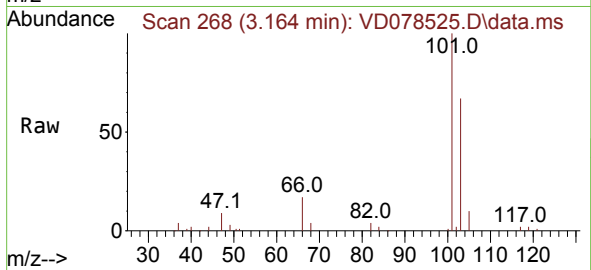




#7
 Trichlorofluoromethane
 Concen: 47.894 ug/l
 RT: 3.164 min Scan# 210
 Delta R.T. -0.012 min
 Lab File: VD078525.D
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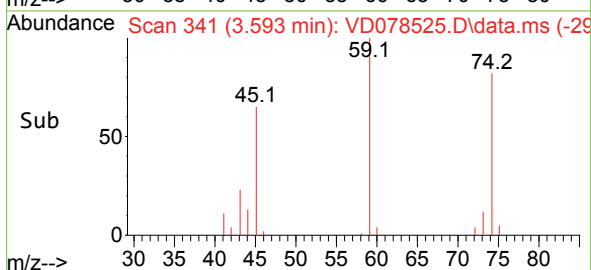
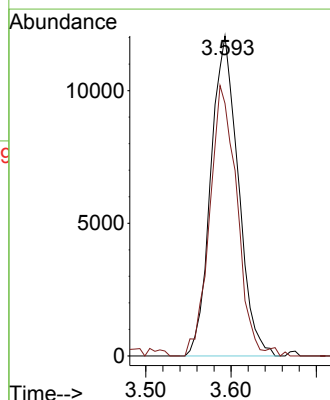
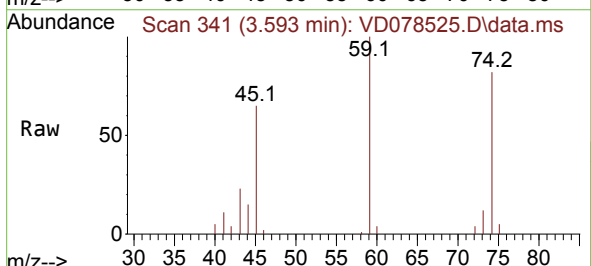
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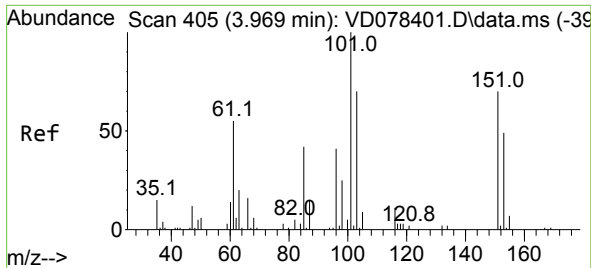
Tgt Ion:101 Resp: 83065
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.3 78.5



#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

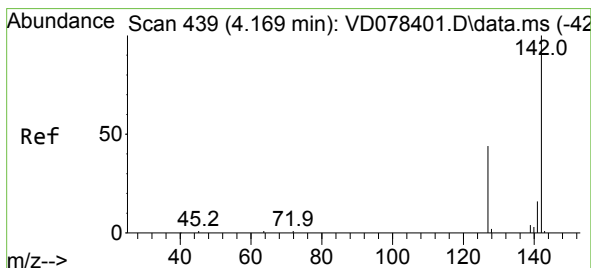
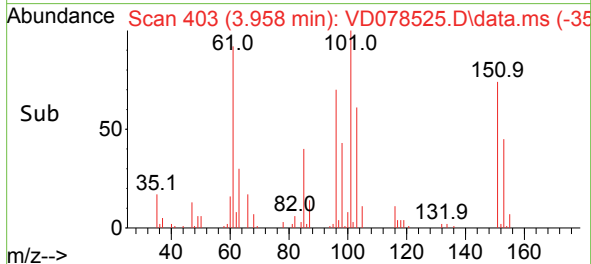
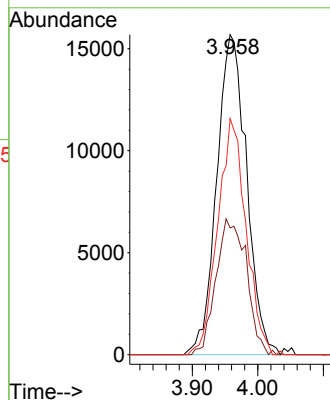
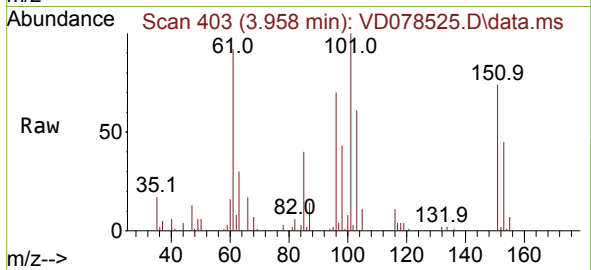




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.344 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
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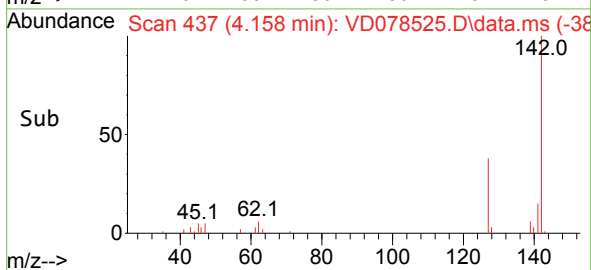
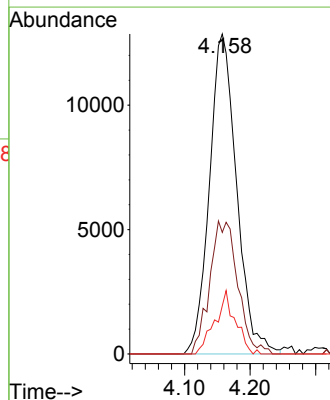
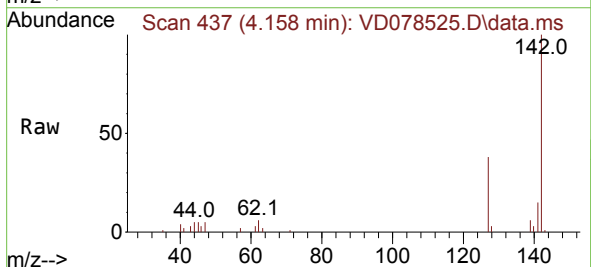
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20241107-AMENDED-COMPOSITE-35N-N-4-06MS

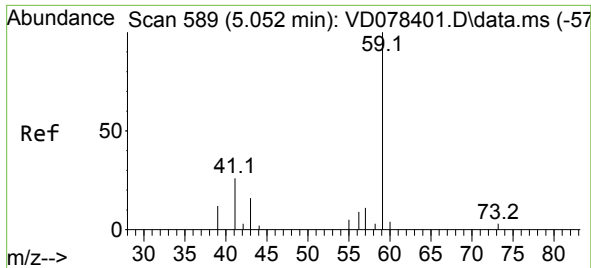
Tgt Ion:101 Resp: 49612
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 69.8 59.8 89.6



#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

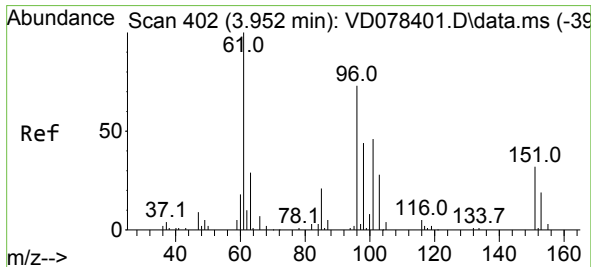
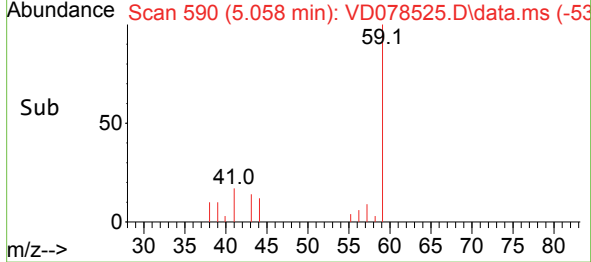
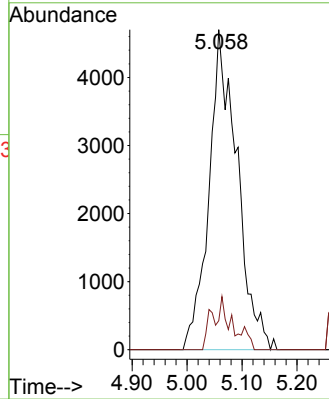
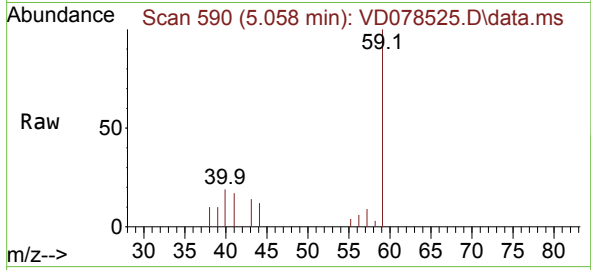




#11
Tert butyl alcohol
Concen: 307.666 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

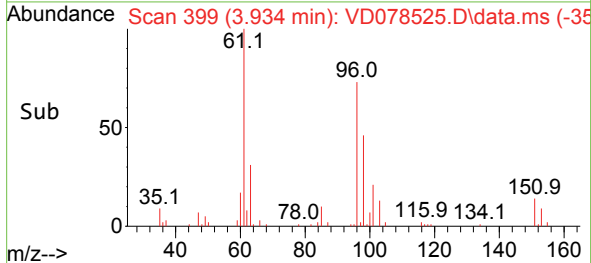
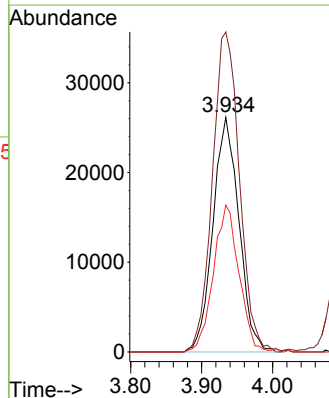
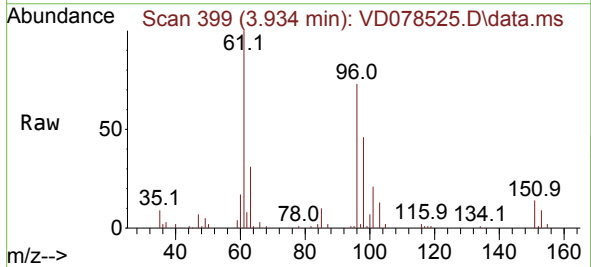
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

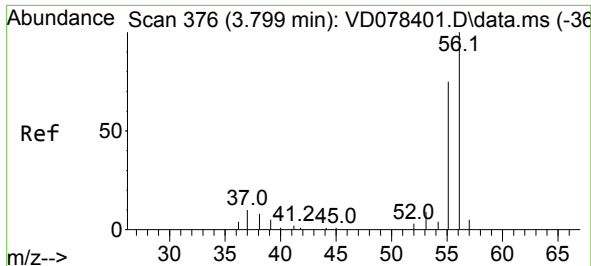
Tgt Ion: 59 Resp: 16706
Ion Ratio Lower Upper
59 100
57 6.6 7.8 11.8#



#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

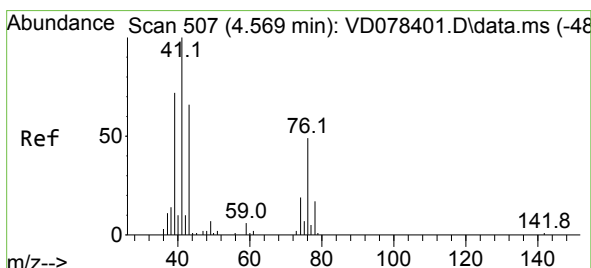
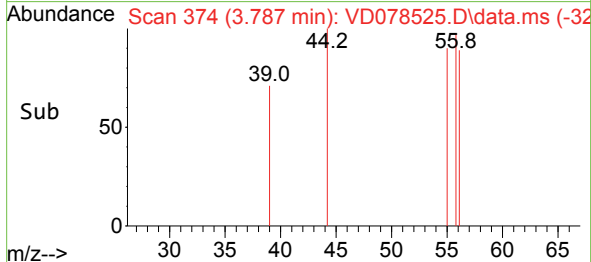
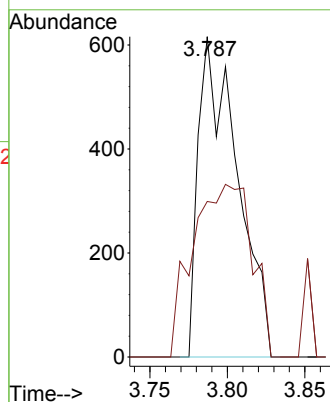
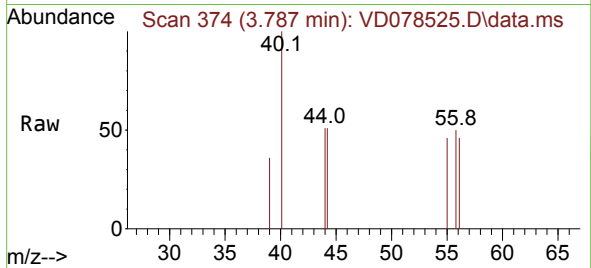




#13
Acrolein
Concen: 11.566 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

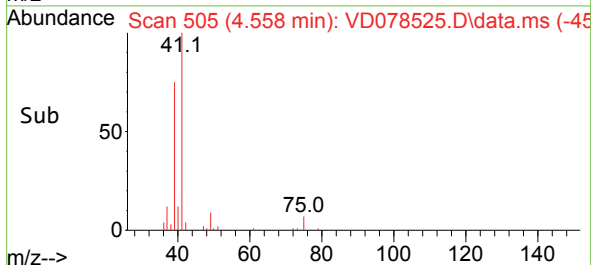
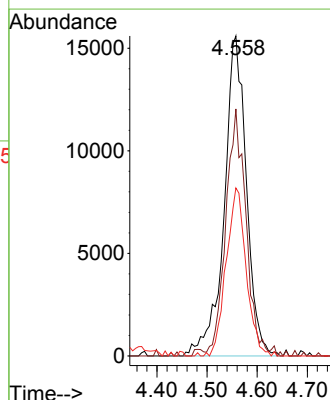
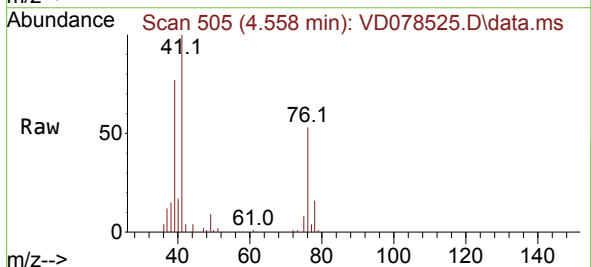
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

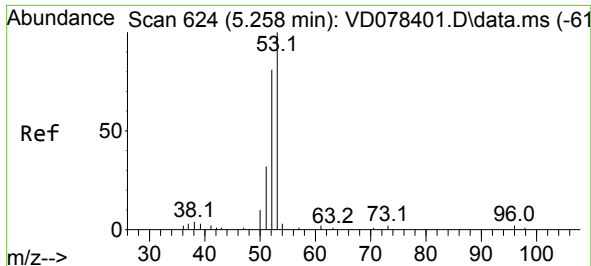
Tgt Ion: 56 Resp: 1075
Ion Ratio Lower Upper
56 100
55 82.7 55.1 82.7#



#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

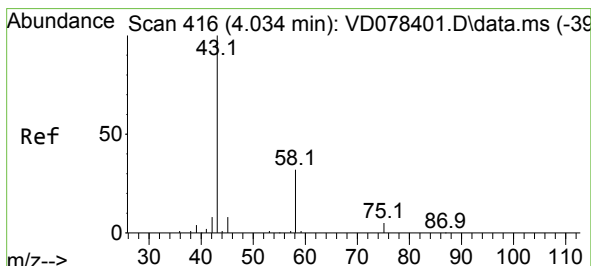
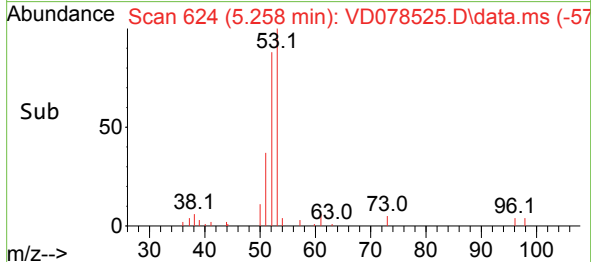
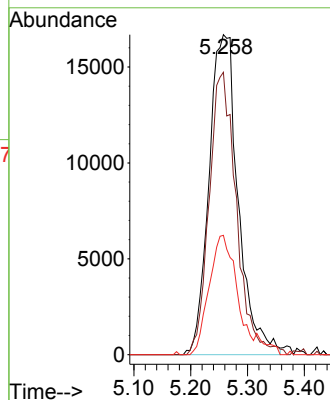
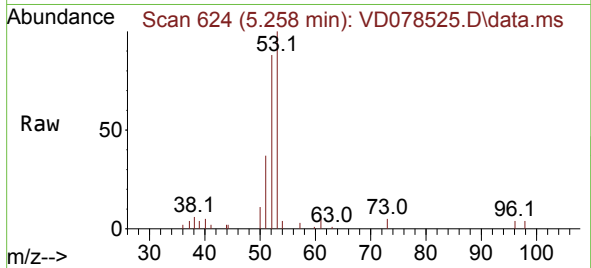




#15
Acrylonitrile
Concen: 278.794 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

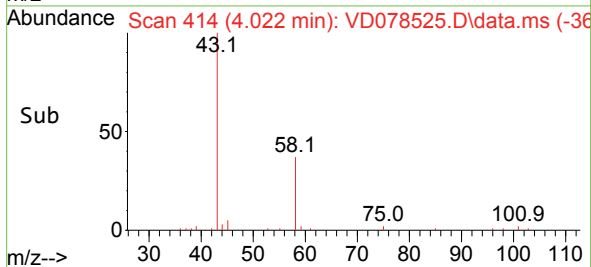
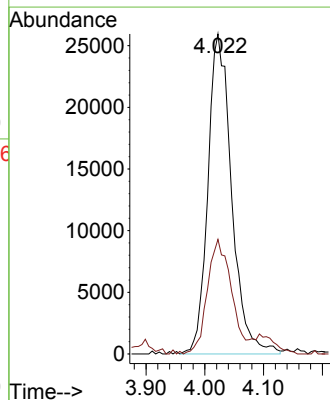
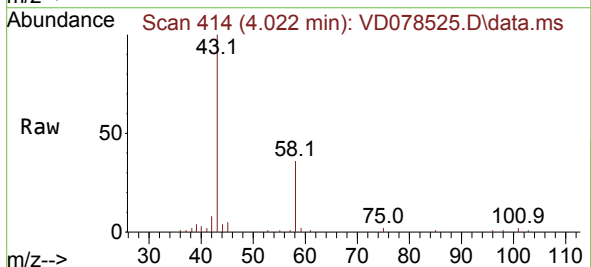
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

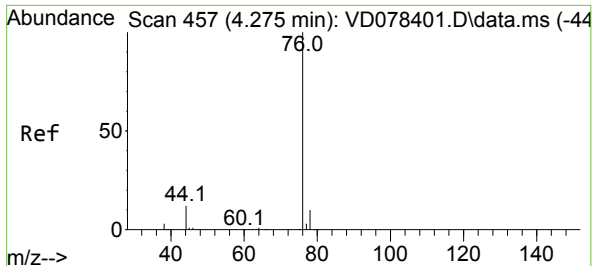
Tgt Ion:	53	Resp:	59620
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.0	97.4
51	37.7	28.3	42.5



#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# 41

Delta R.T. -0.012 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

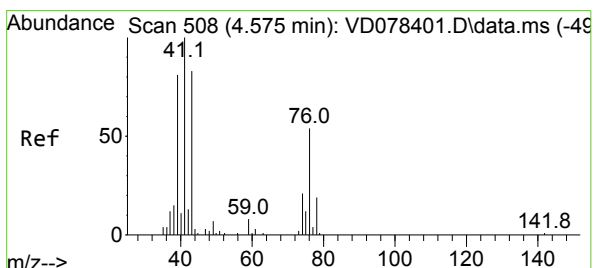
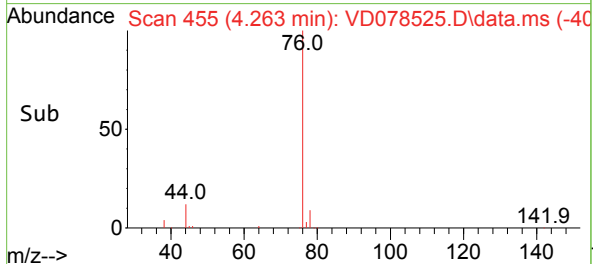
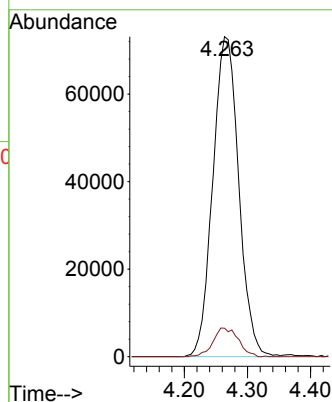
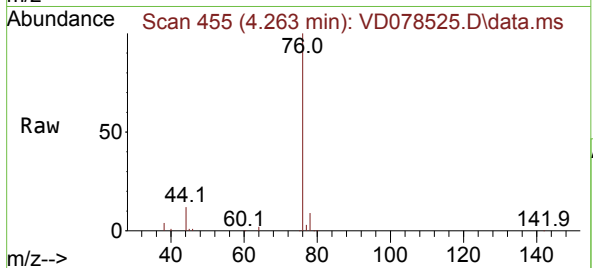
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 76 Resp: 208218

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2



#18

Methyl Acetate

Concen: 4.328 ug/l

RT: 4.599 min Scan# 512

Delta R.T. 0.024 min

Lab File: VD078525.D

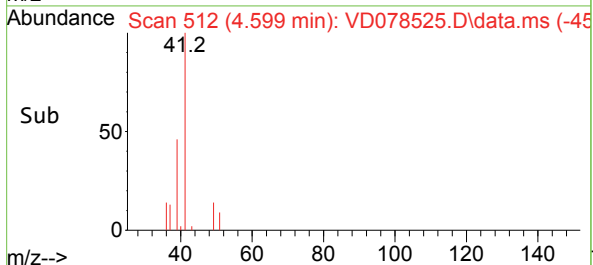
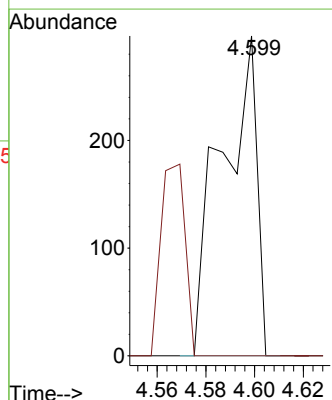
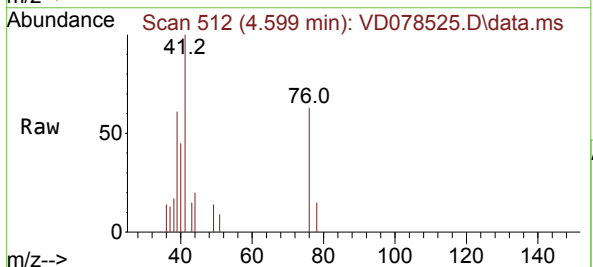
Acq: 22 Feb 2024 18:49

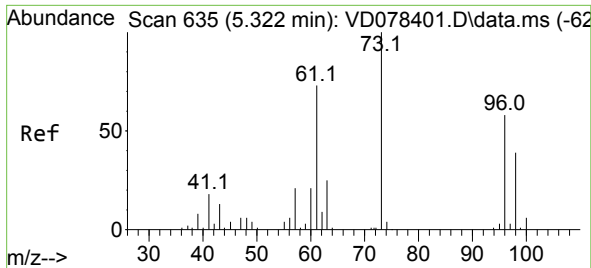
Tgt Ion: 43 Resp: 300

Ion Ratio Lower Upper

43 100

74 0.0 26.4 39.6#

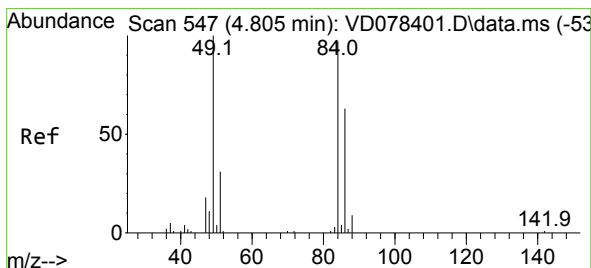
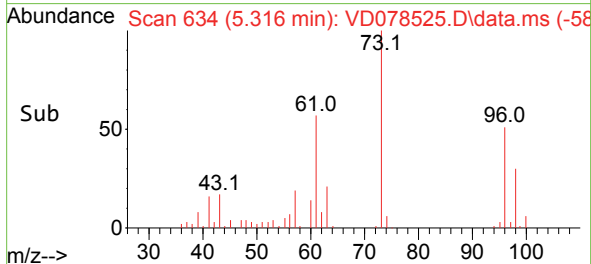
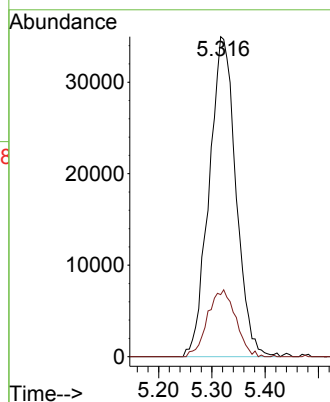
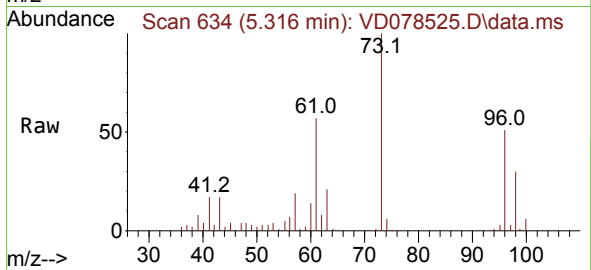




#19
Methyl tert-butyl Ether
Concen: 56.633 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

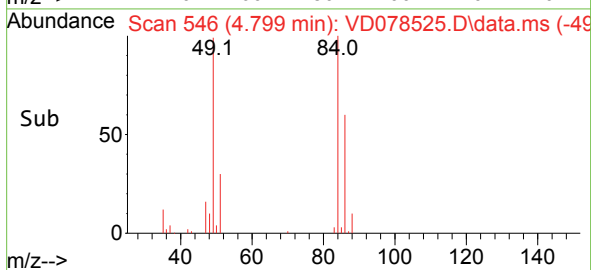
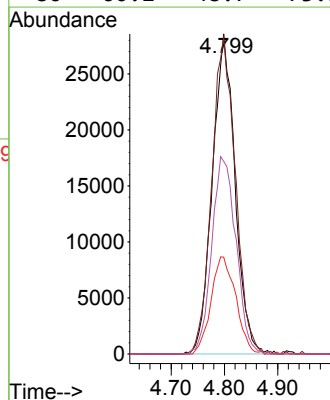
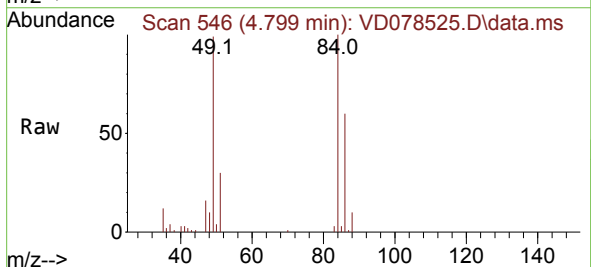
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

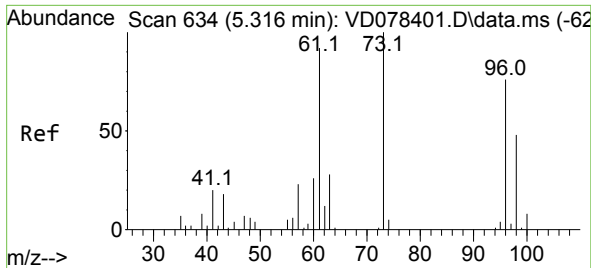
Tgt Ion: 73 Resp: 122054
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0



#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

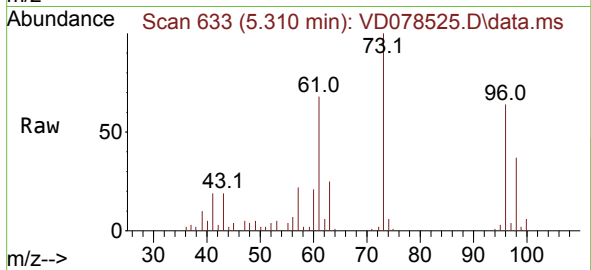
Tgt Ion: 84 Resp: 84375
Ion Ratio Lower Upper
84 100
49 99.0 71.4 107.2
51 30.2 24.5 36.7
86 60.2 48.7 73.1





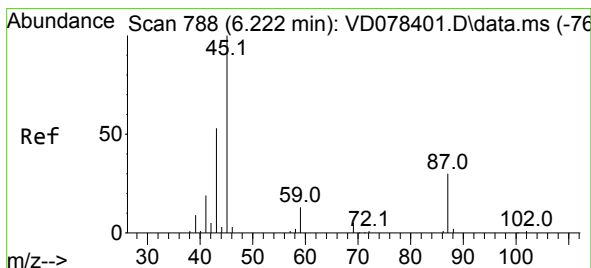
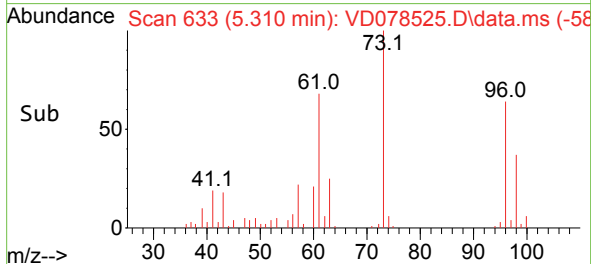
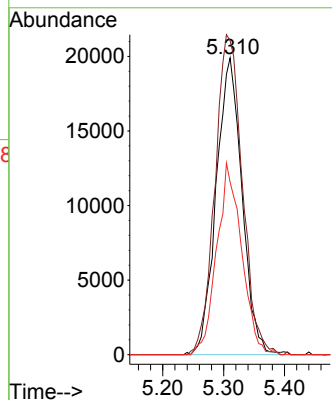
#21
trans-1,2-Dichloroethene
Concen: 49.044 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

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



Tgt Ion: 96 Resp: 58526

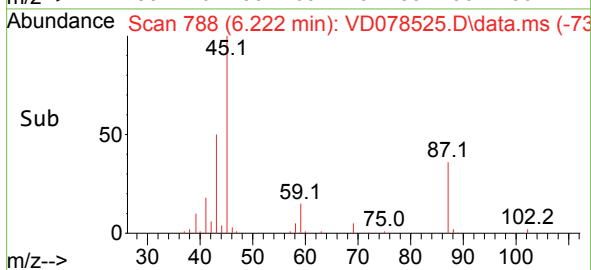
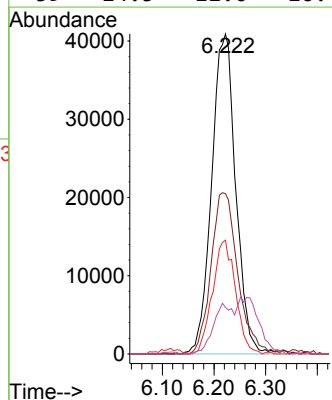
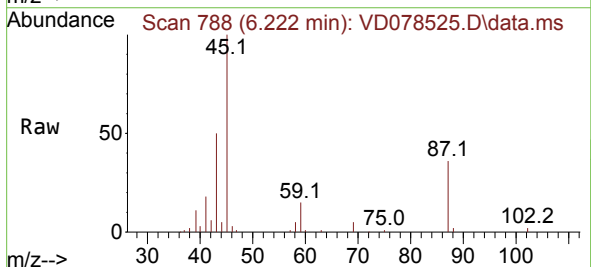
Ion	Ratio	Lower	Upper
96	100		
61	105.8	89.3	133.9
98	58.1	48.6	73.0

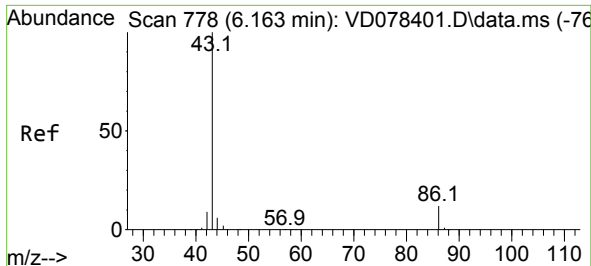


#22
Diisopropyl ether
Concen: 47.910 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

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

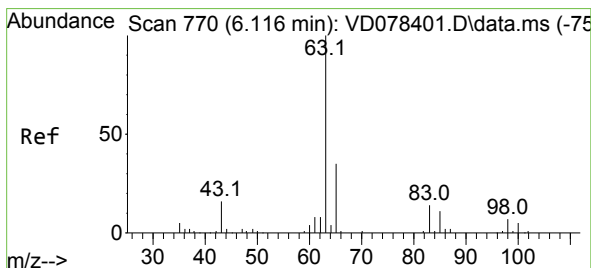
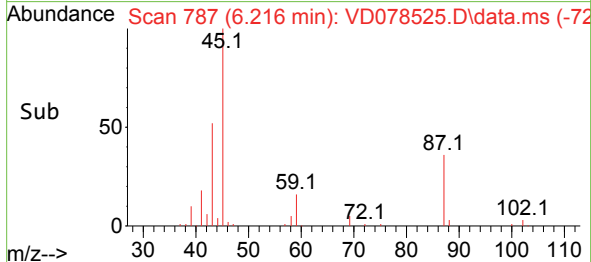
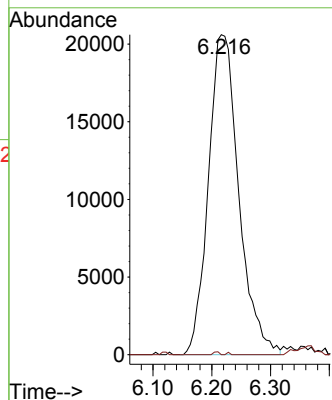
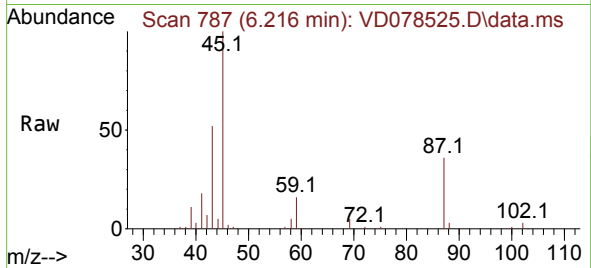




#23
 Vinyl Acetate
 Concen: 54.469 ug/l
 RT: 6.216 min Scan# 71
 Delta R.T. 0.053 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

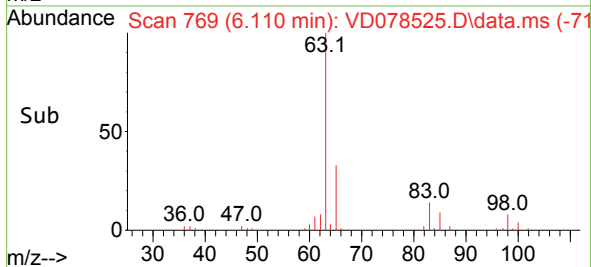
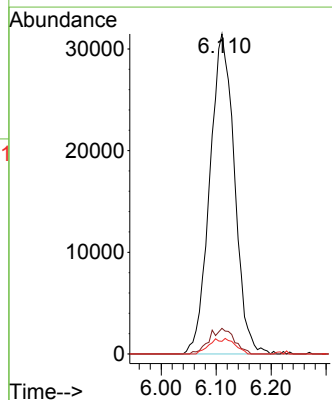
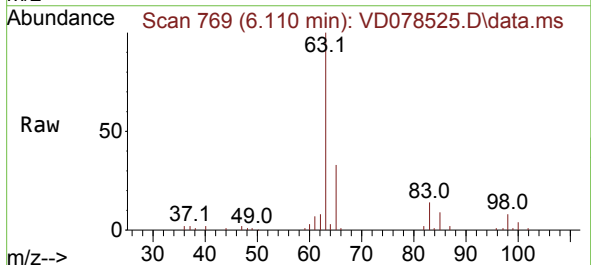
Instrument :
 MSVOA_D
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

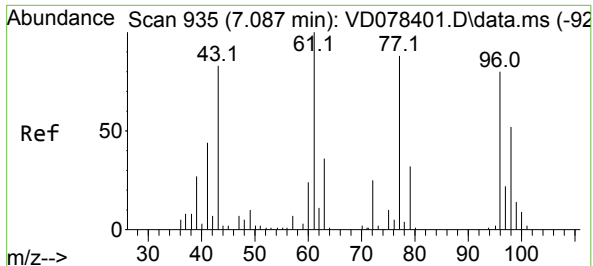
Tgt Ion: 43 Resp: 74069
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#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 :

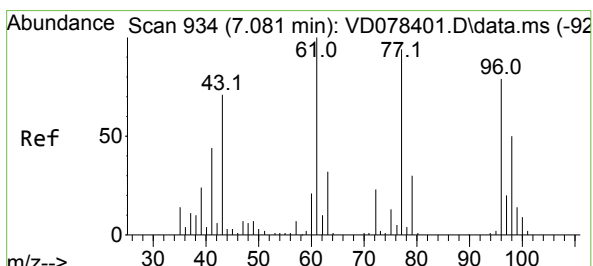
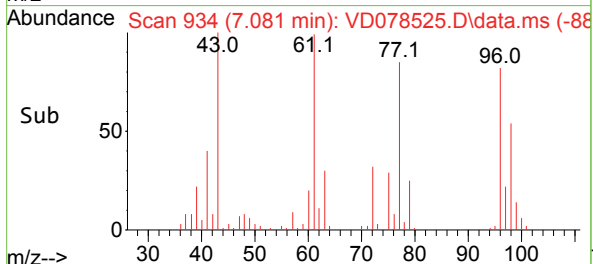
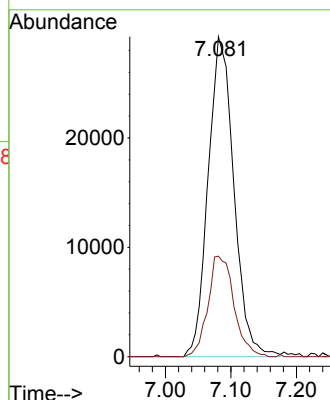
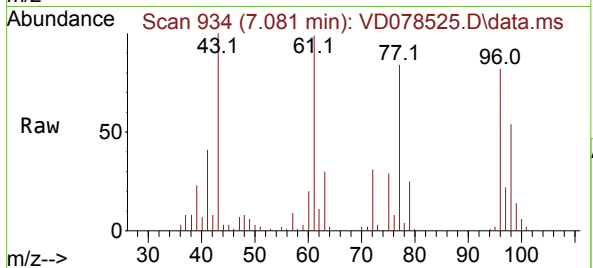
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 43 Resp: 79724

Ion Ratio Lower Upper

43 100

72 31.4 30.7 46.1



#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

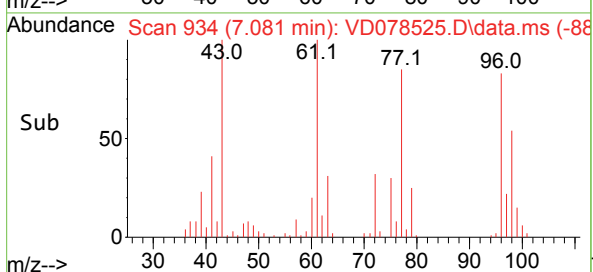
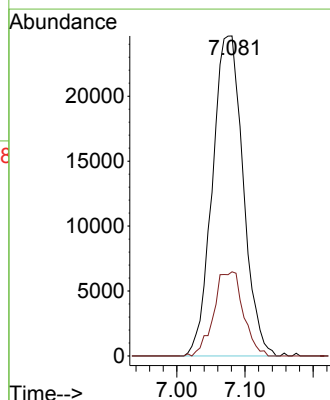
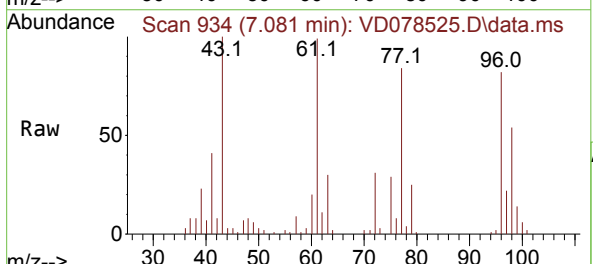
Acq: 22 Feb 2024 18:49

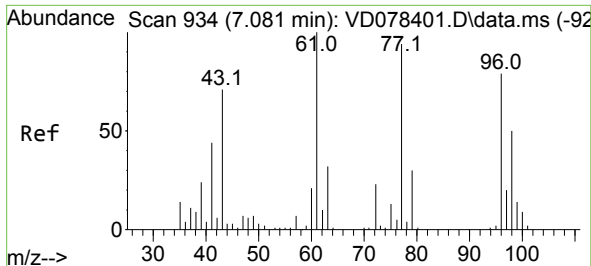
Tgt Ion: 77 Resp: 77249

Ion Ratio Lower Upper

77 100

97 25.2 13.2 39.6

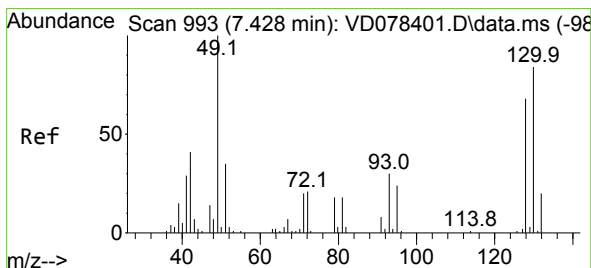
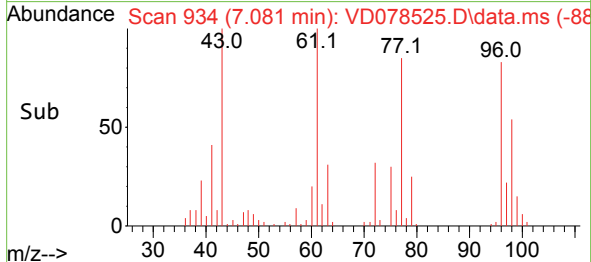
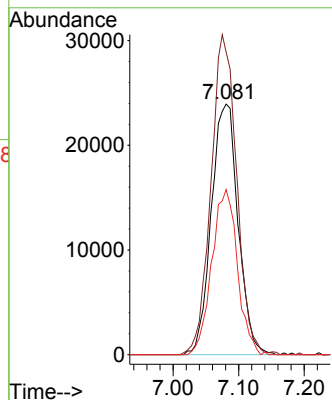
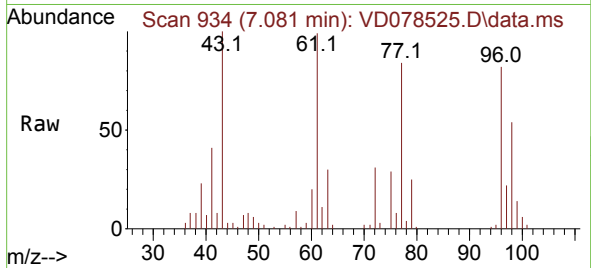




#27
 cis-1,2-Dichloroethene
 Concen: 51.947 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

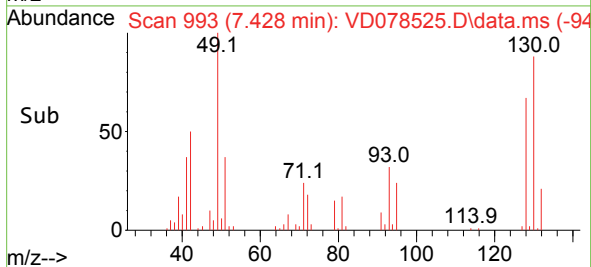
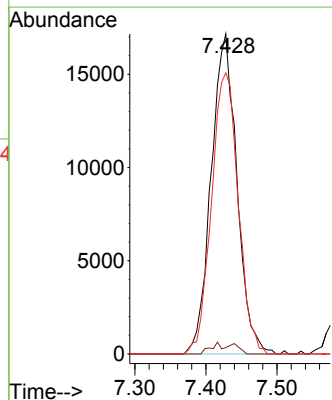
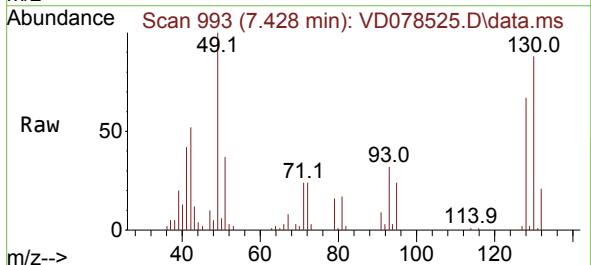
Instrument :
 MSVOA_D
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

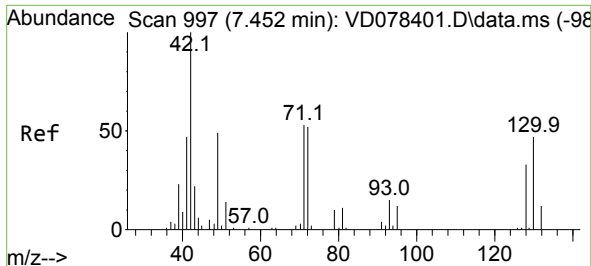
Tgt Ion: 96 Resp: 68012
 Ion Ratio Lower Upper
 96 100
 61 122.2 0.0 239.2
 98 62.8 0.0 128.6



#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# 997

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

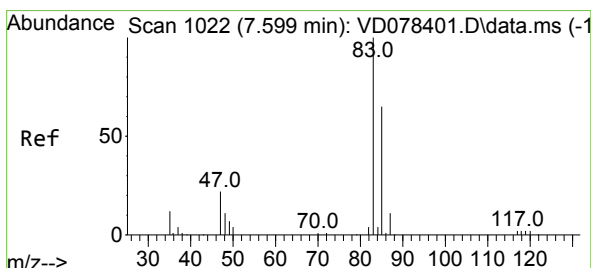
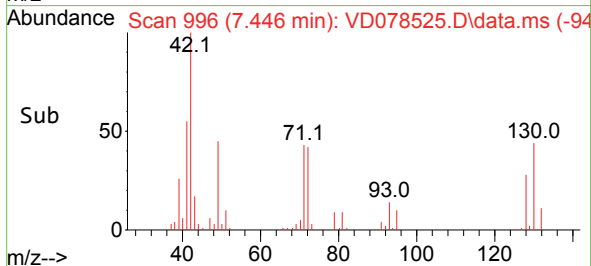
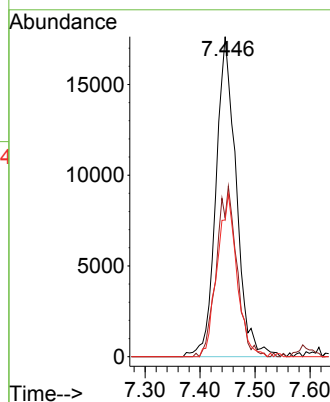
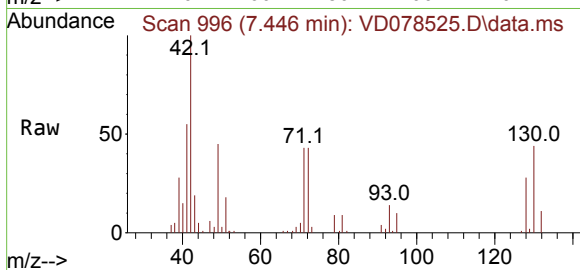
Tgt Ion: 42 Resp: 45198

Ion Ratio Lower Upper

42 100

72 53.2 46.5 69.7

71 49.3 44.5 66.7



#30

Chloroform

Concen: 51.682 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078525.D

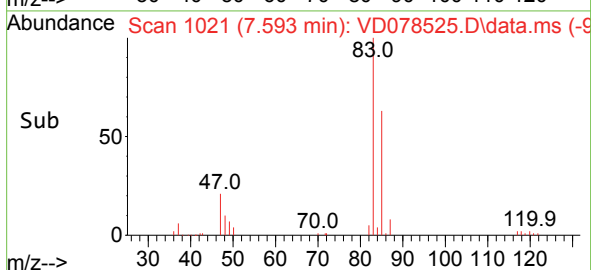
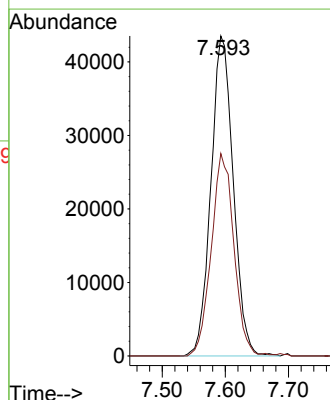
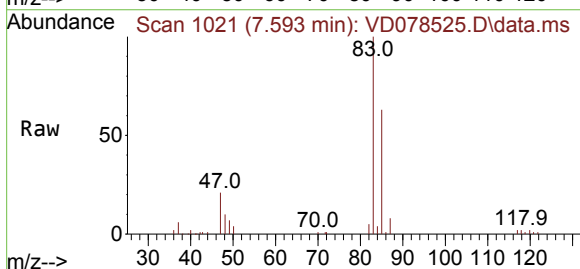
Acq: 22 Feb 2024 18:49

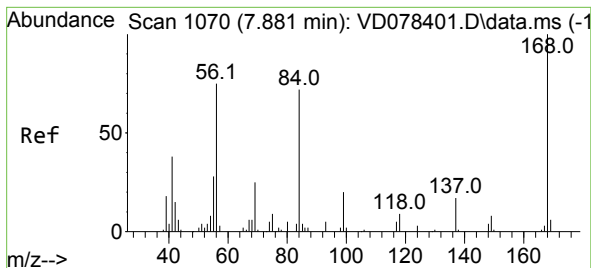
Tgt Ion: 83 Resp: 106991

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

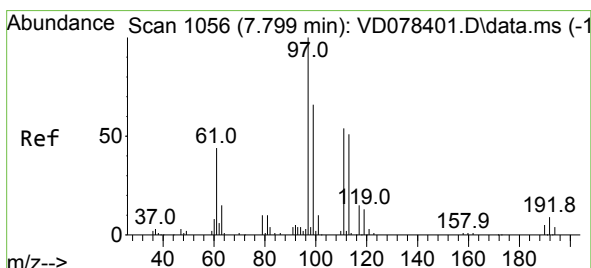
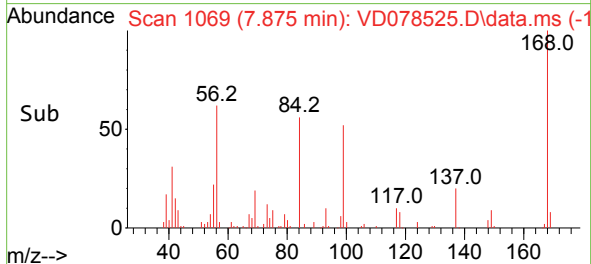
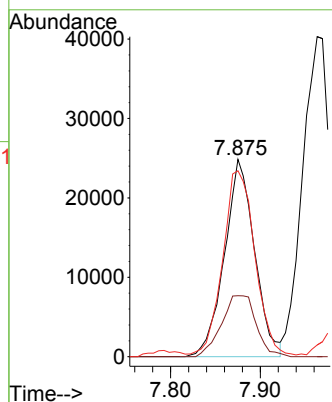
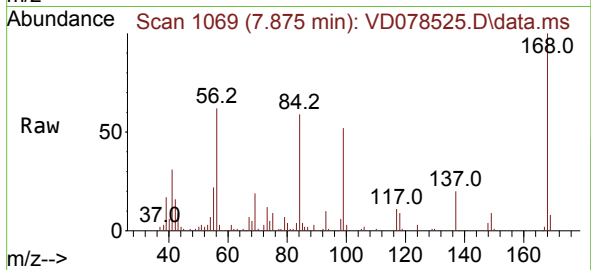
Tgt Ion: 56 Resp: 57834

Ion Ratio Lower Upper

56 100

69 30.9 28.6 43.0

84 92.2 84.8 127.2



#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

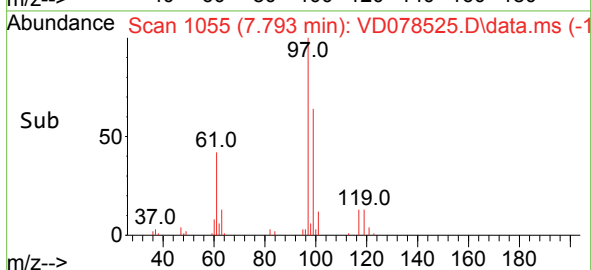
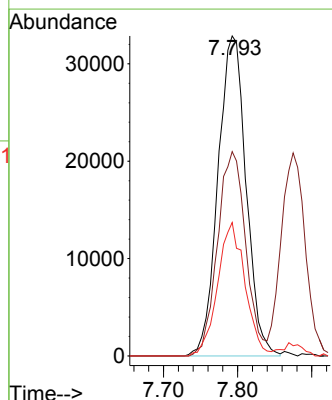
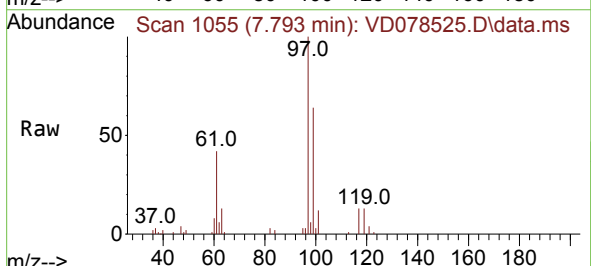
Tgt Ion: 97 Resp: 86541

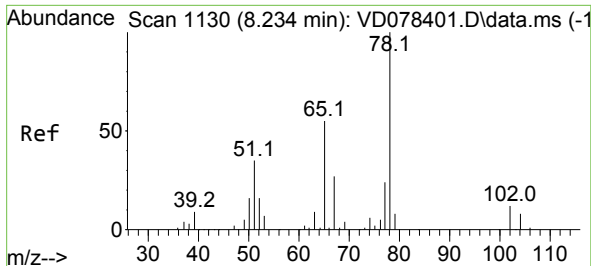
Ion Ratio Lower Upper

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 :

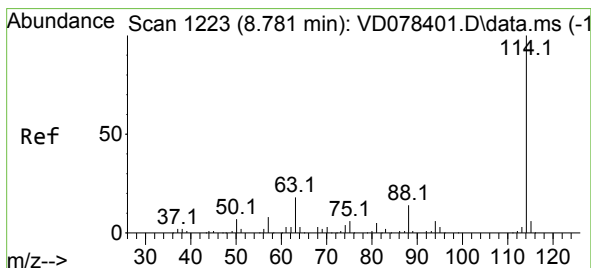
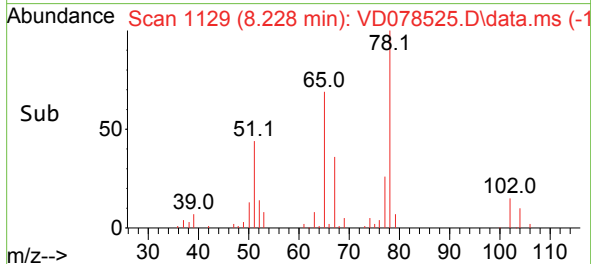
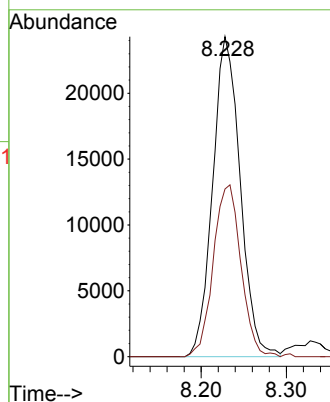
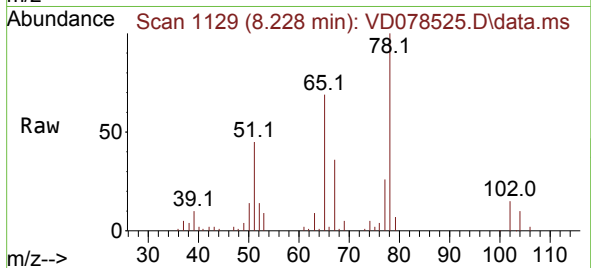
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 65 Resp: 54603

Ion Ratio Lower Upper

65 100

67 53.9 0.0 115.0



#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

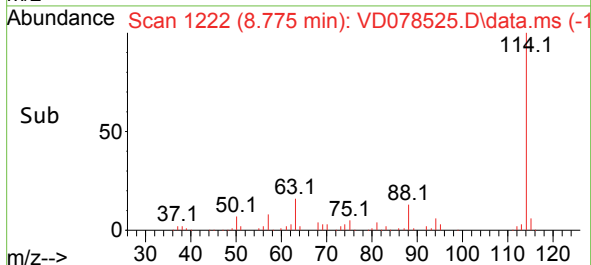
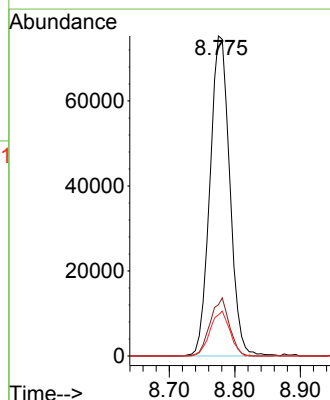
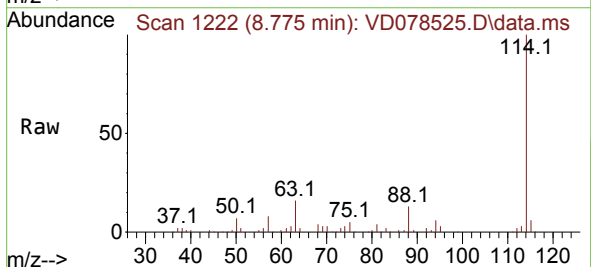
Tgt Ion: 114 Resp: 157926

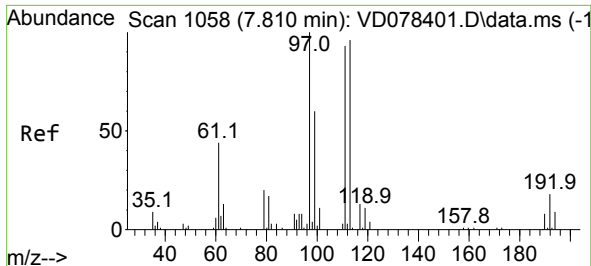
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

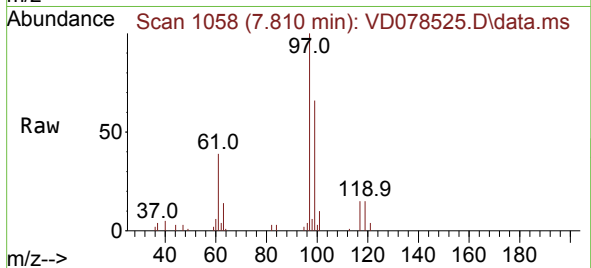
88 12.9 0.0 26.2



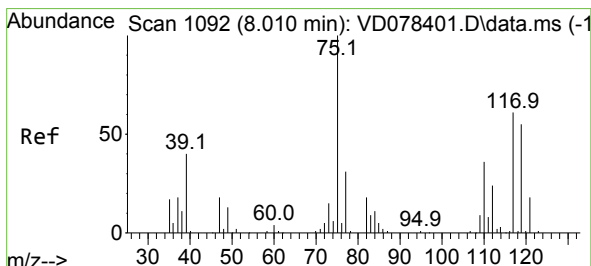
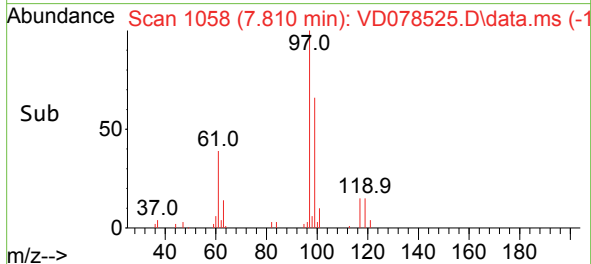
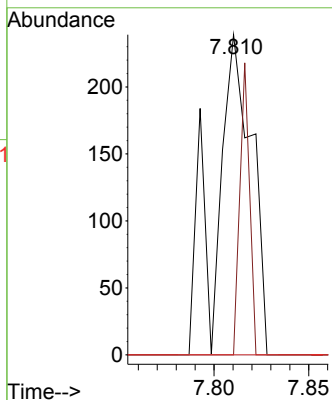


#35
Dibromofluoromethane
Concen: 0.318 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

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

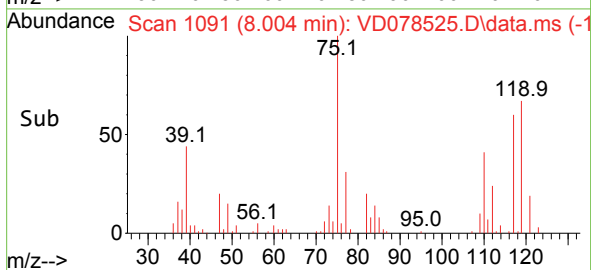
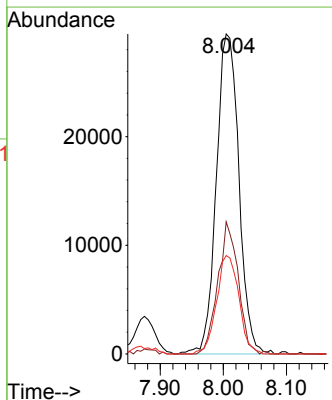
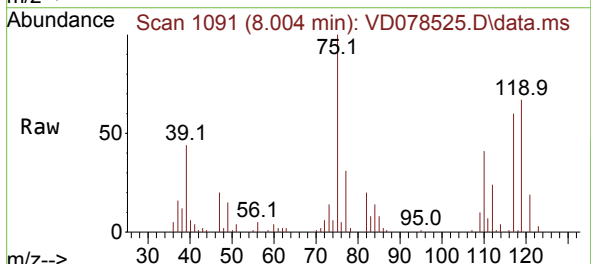


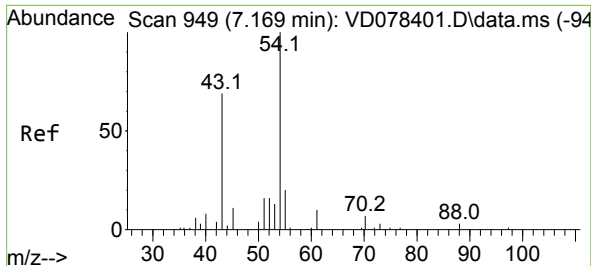
Tgt Ion:113 Resp: 319
Ion Ratio Lower Upper
113 100
111 0.0 84.7 127.1#
192 0.0 16.8 25.2#



#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

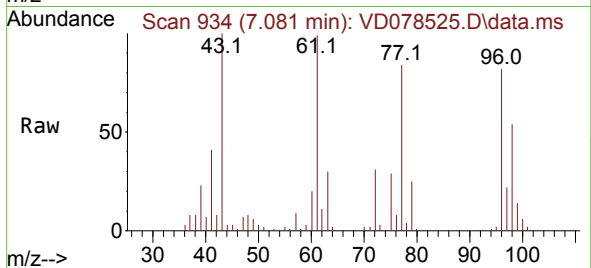
Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

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



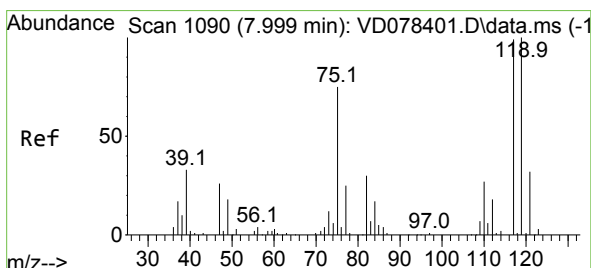
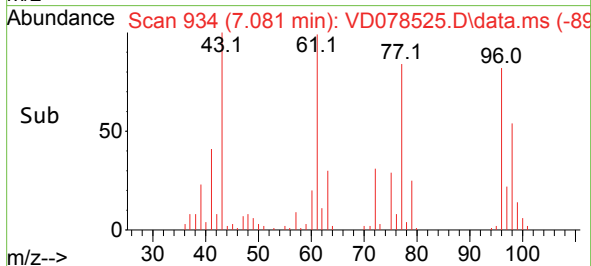
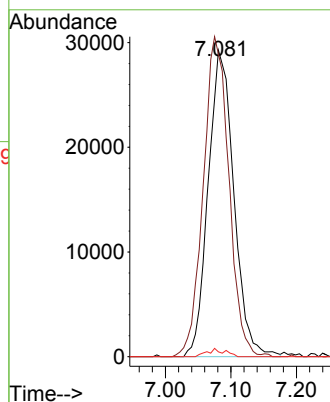
Tgt Ion: 43 Resp: 79724

Ion Ratio Lower Upper

43 100

61 104.2 14.9 22.3#

70 1.3 10.0 15.0#



#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

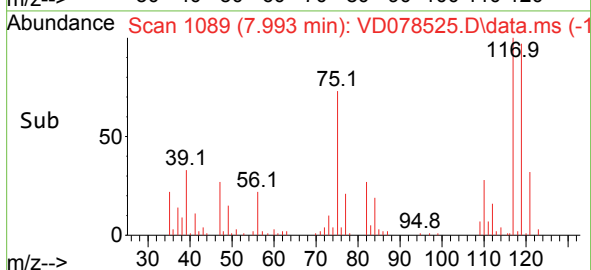
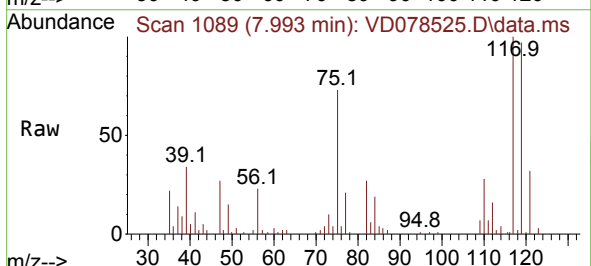
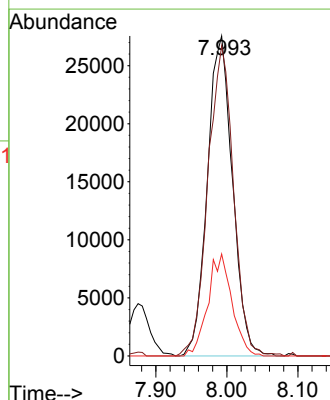
Tgt Ion: 117 Resp: 67838

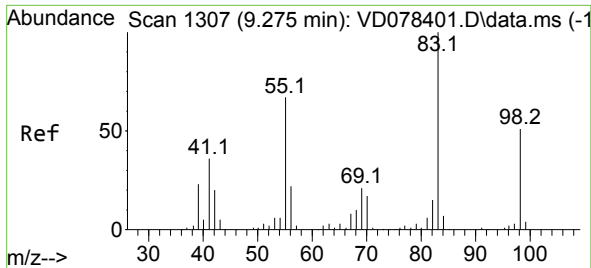
Ion Ratio Lower Upper

117 100

119 96.3 78.0 117.0

121 31.9 24.2 36.2

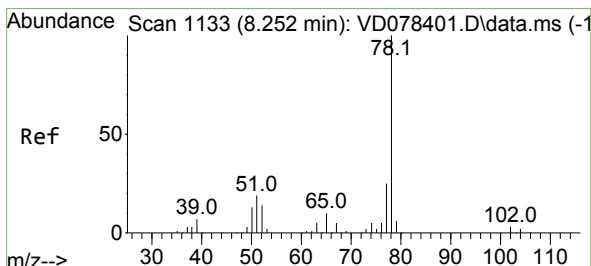
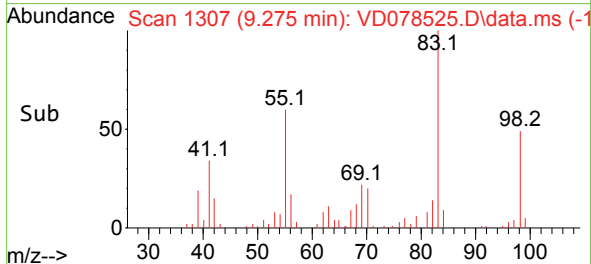
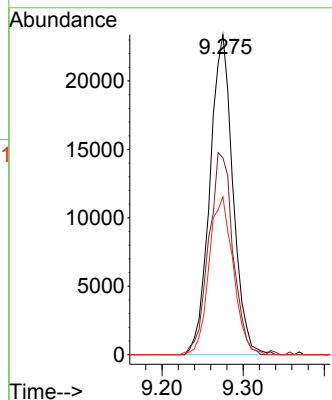
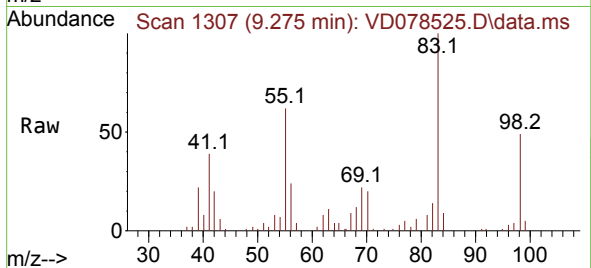




#39
Methylcyclohexane
Concen: 24.824 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

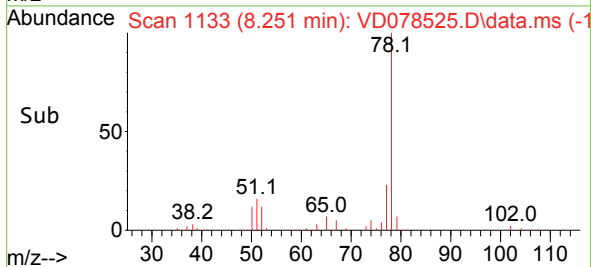
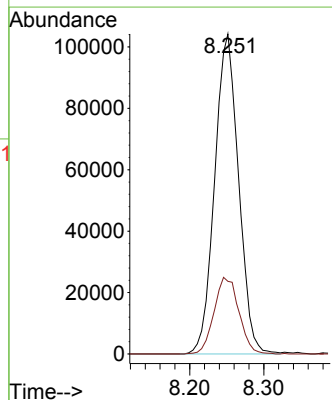
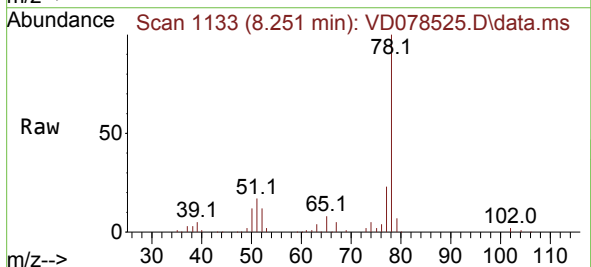
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

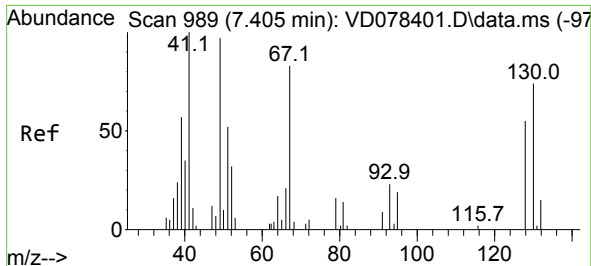
Tgt Ion: 83 Resp: 45927
Ion Ratio Lower Upper
83 100
55 61.5 49.4 74.0
98 49.3 38.4 57.6



#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

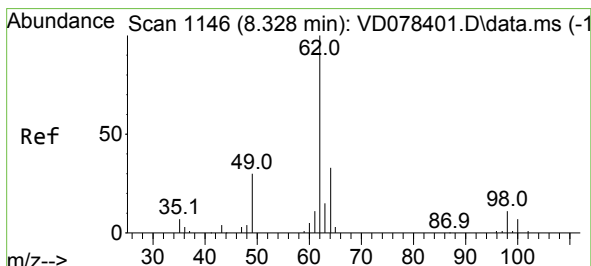
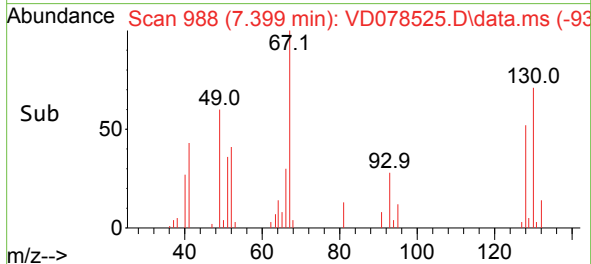
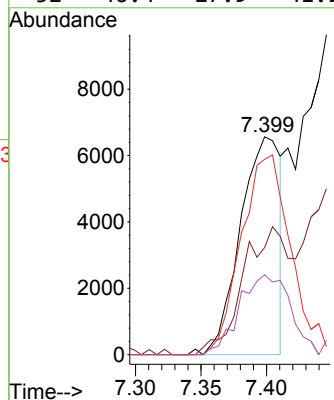
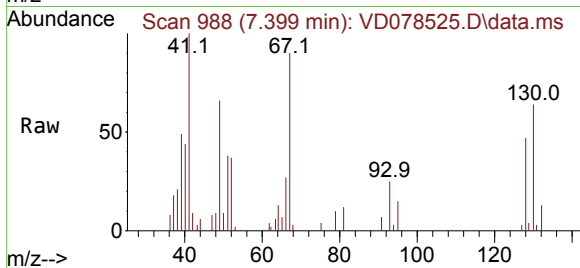




#41
Methacrylonitrile
Concen: 49.284 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

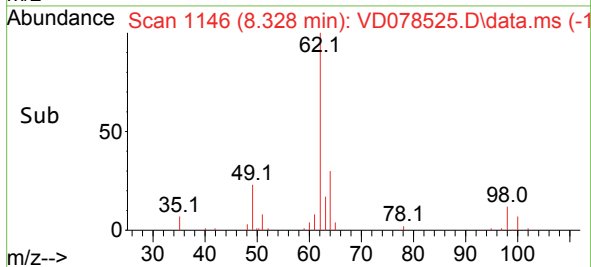
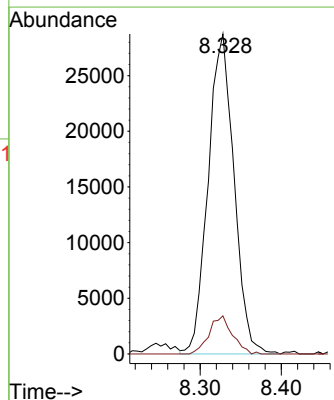
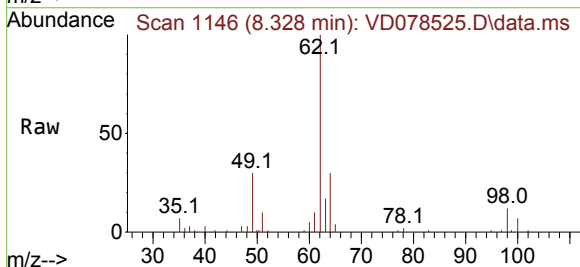
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

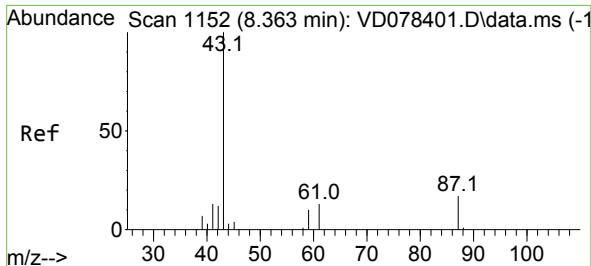
Tgt Ion:	41	Resp:	14012
Ion	Ratio	Lower	Upper
41	100		
39	70.4	34.0	51.0#
67	112.7	77.0	115.4
52	46.4	27.9	41.9#



#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

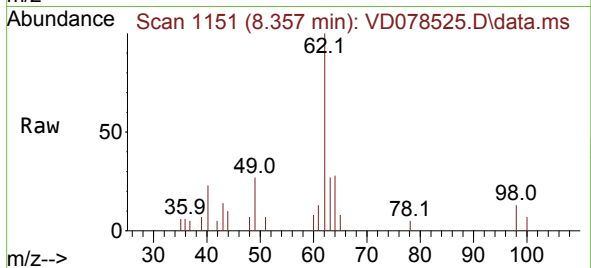
Acq: 22 Feb 2024 18:49

Instrument :

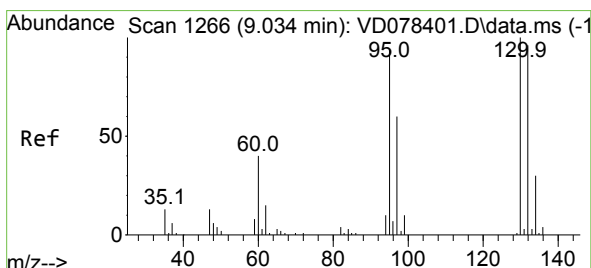
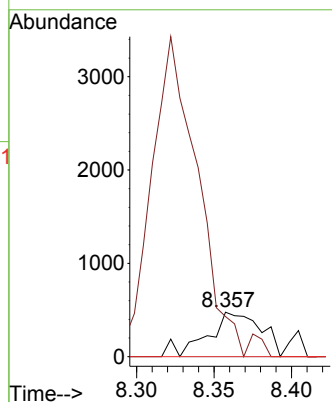
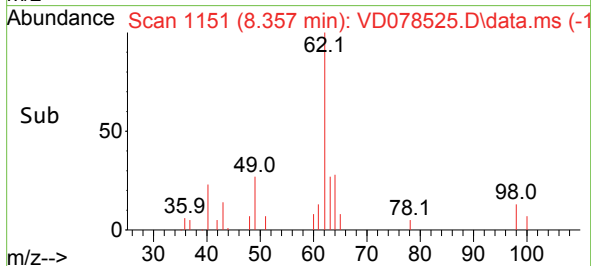
MSVOA_D

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#



#44

Trichloroethene

Concen: 96.997 ug/l

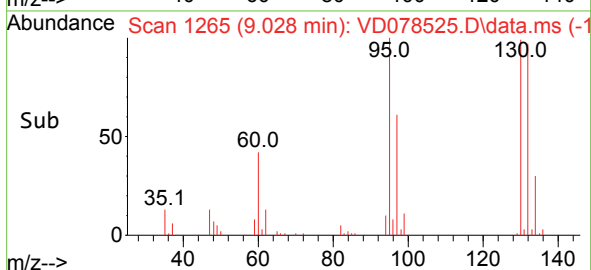
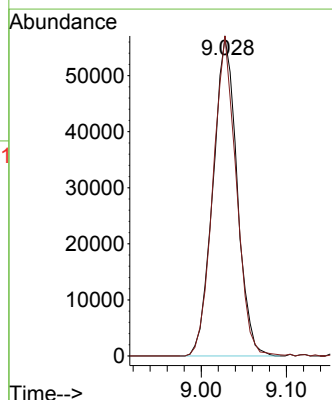
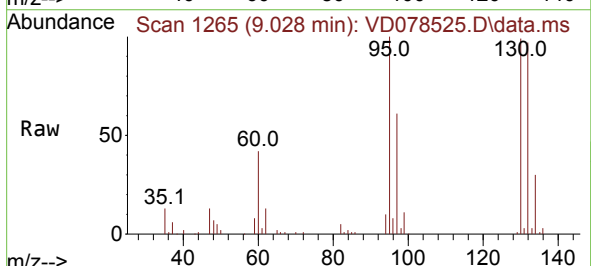
RT: 9.028 min Scan# 1265

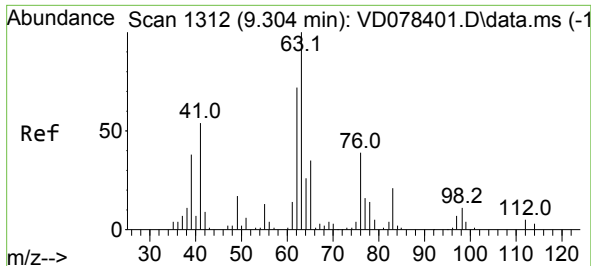
Delta R.T. -0.006 min

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# 11

Delta R.T. -0.000 min

Lab File: VD078525.D

Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

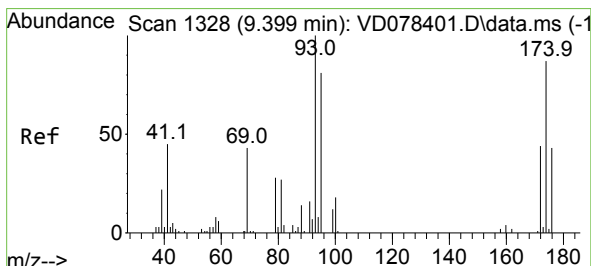
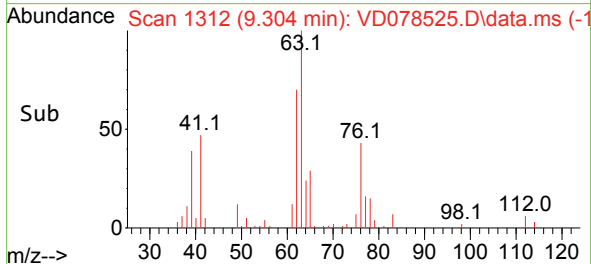
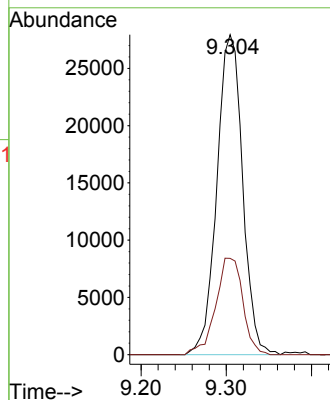
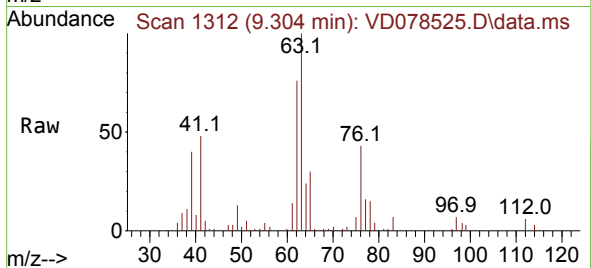
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 63 Resp: 58547

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



#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

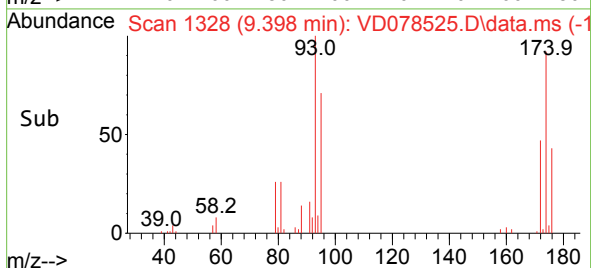
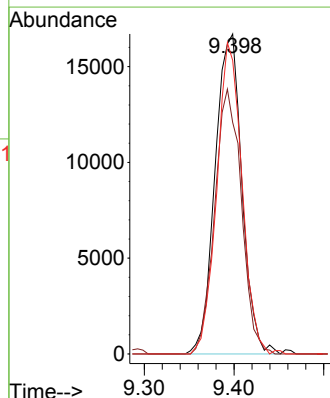
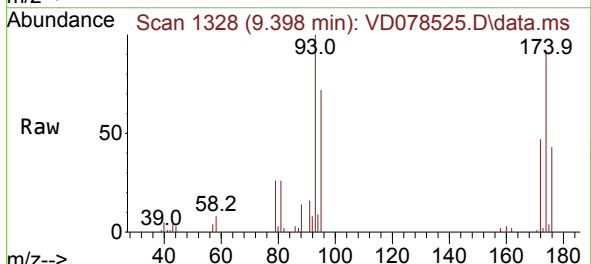
Tgt Ion: 93 Resp: 34630

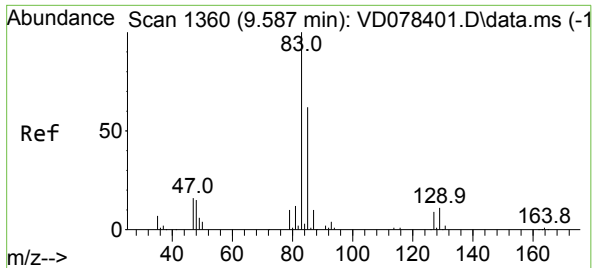
Ion Ratio Lower Upper

93 100

95 82.3 67.7 101.5

174 91.7 85.4 128.2

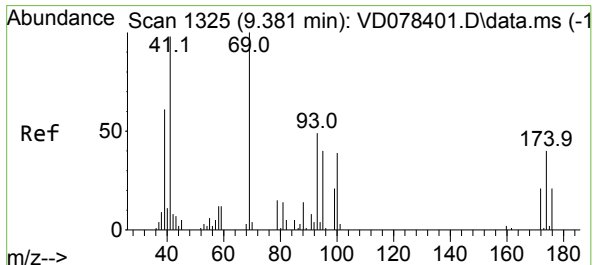
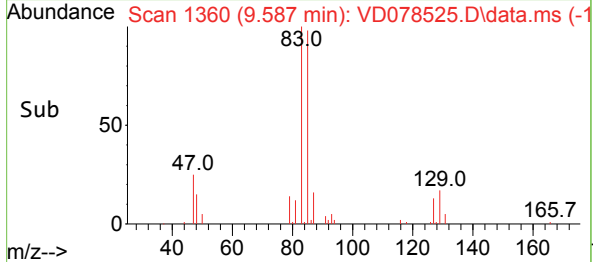
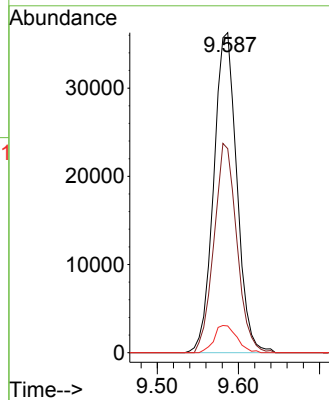
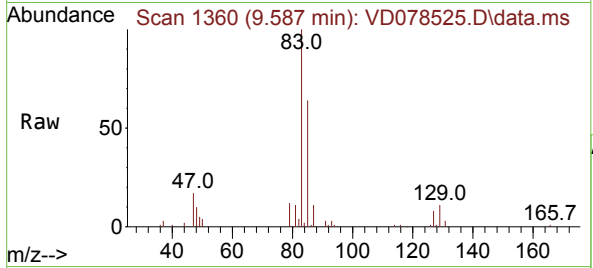




#47
Bromodichloromethane
Concen: 46.688 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

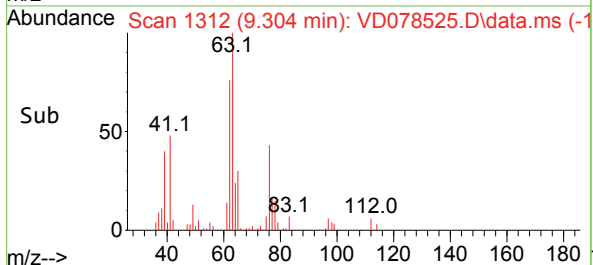
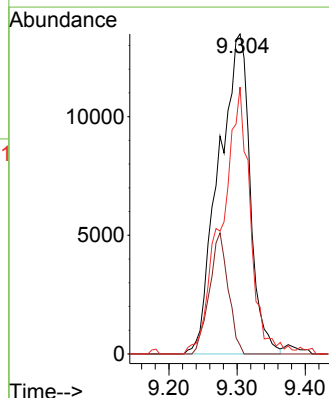
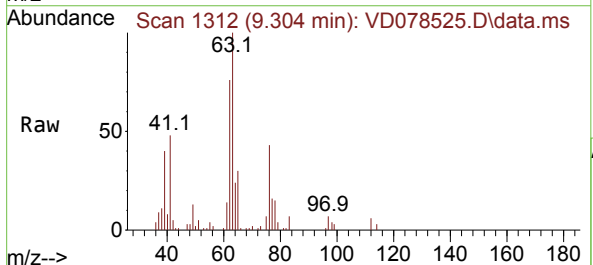
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

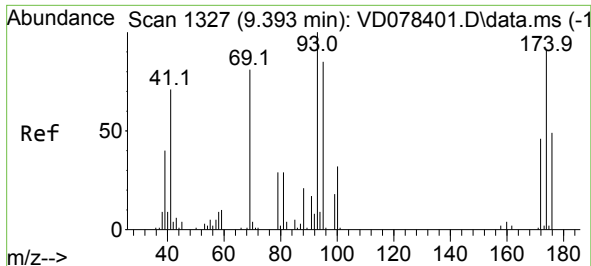
Tgt Ion:	83	Resp:	71886
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.2	75.4
127	8.4	6.3	9.5



#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# 1326

Delta R.T. -0.006 min

Lab File: VD078525.D

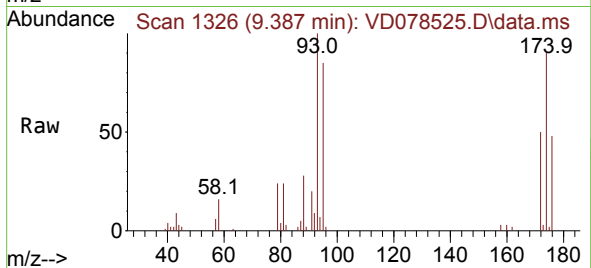
Acq: 22 Feb 2024 18:49

Instrument :

MSVOA_D

ClientSampleId :

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



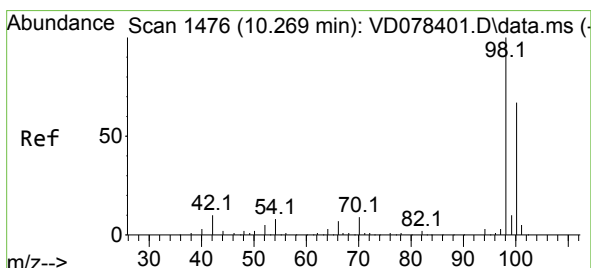
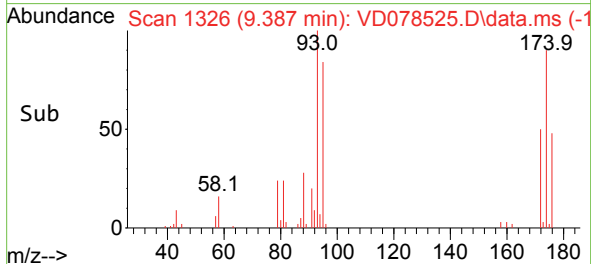
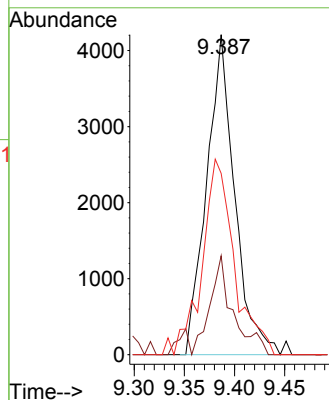
Tgt Ion: 88 Resp: 8183

Ion Ratio Lower Upper

88 100

43 25.5 19.0 28.6

58 70.3 43.5 65.3#



#50

Toluene-d8

Concen: 50.202 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078525.D

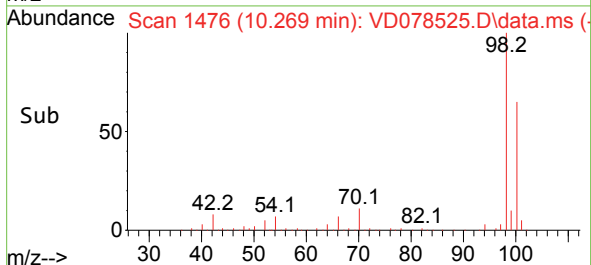
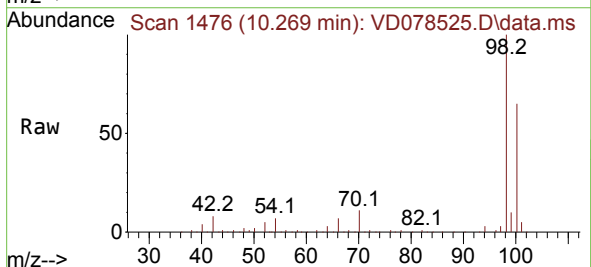
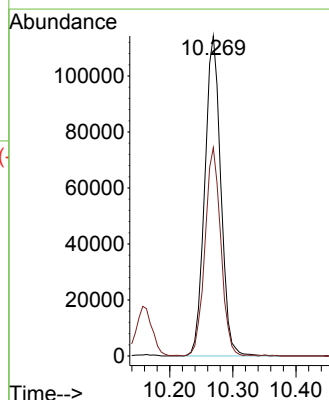
Acq: 22 Feb 2024 18:49

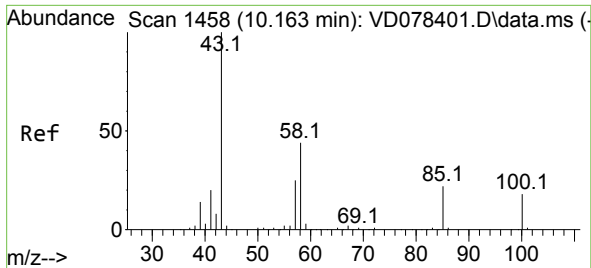
Tgt Ion: 98 Resp: 201460

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

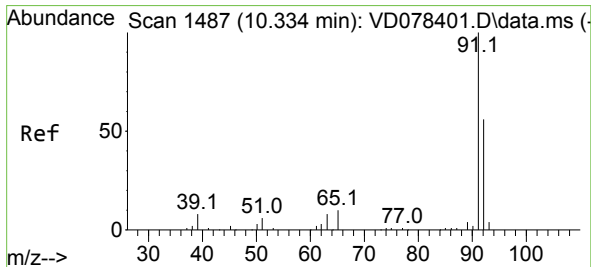
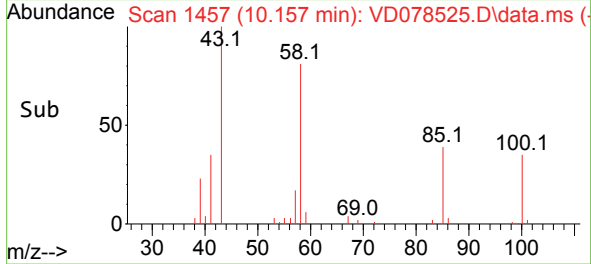
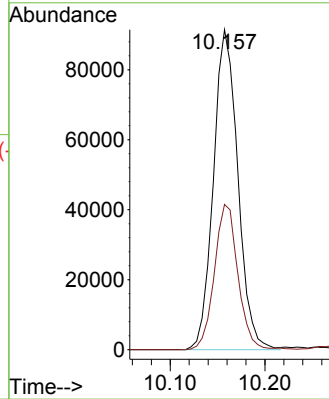
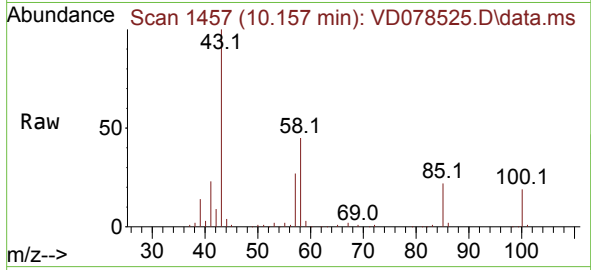




#51
4-Methyl-2-Pentanone
Concen: 305.022 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

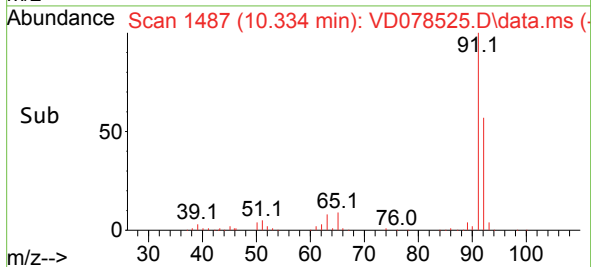
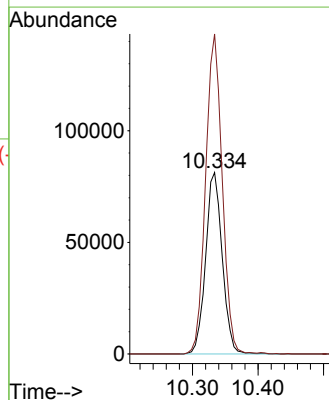
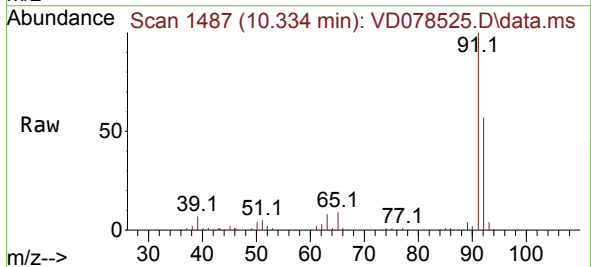
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

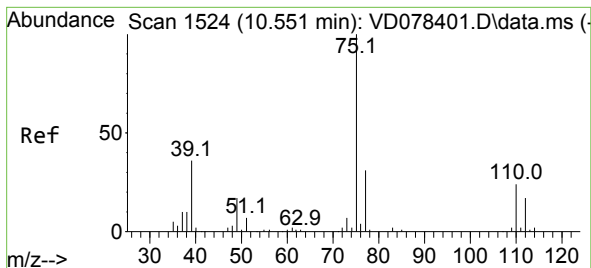
Tgt Ion: 43 Resp: 163768
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3



#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

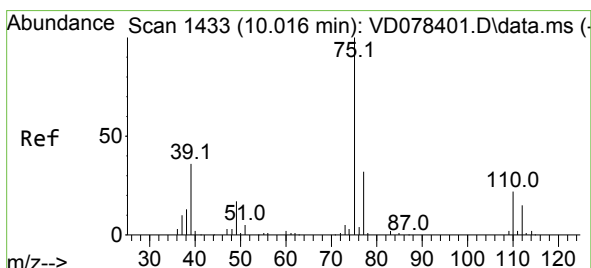
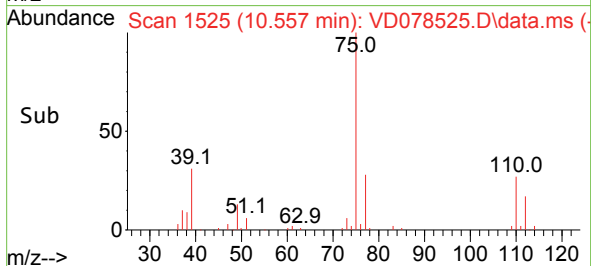
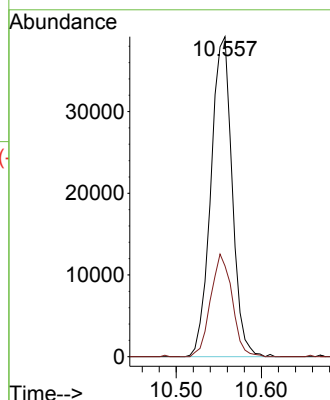
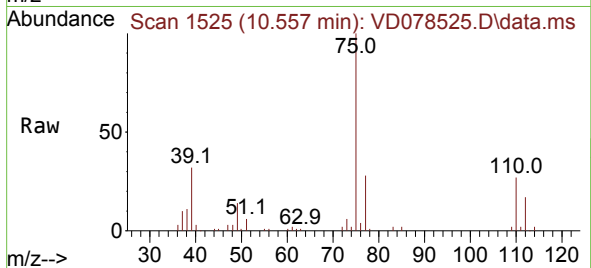




#53
t-1,3-Dichloropropene
Concen: 48.266 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

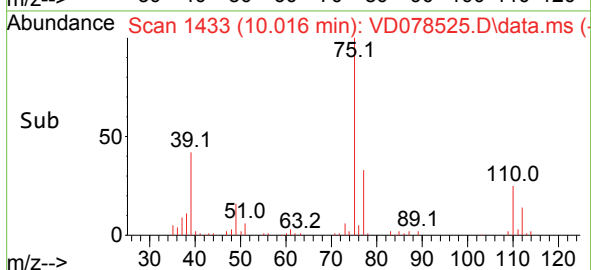
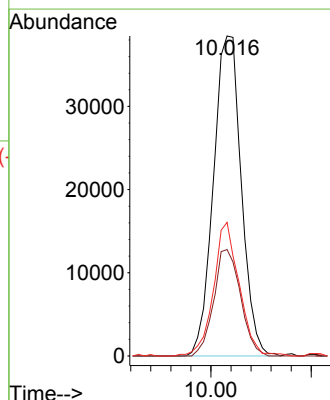
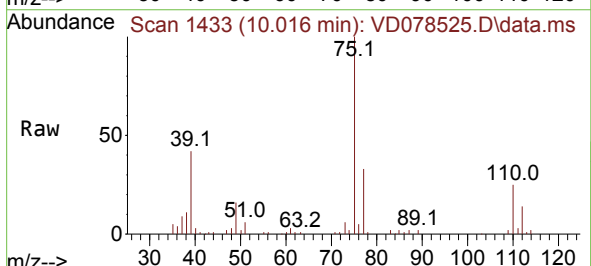
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

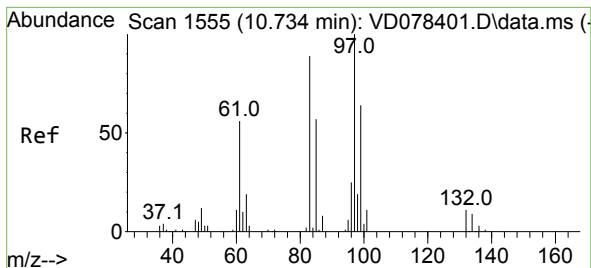
Tgt Ion: 75 Resp: 67810
Ion Ratio Lower Upper
75 100
77 28.3 25.3 37.9



#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#

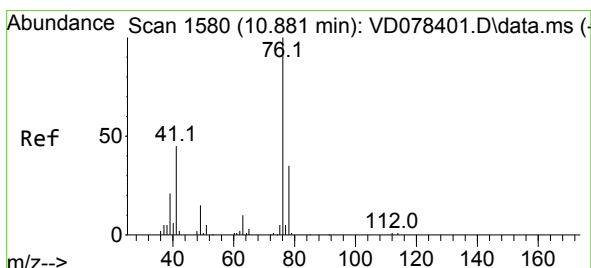
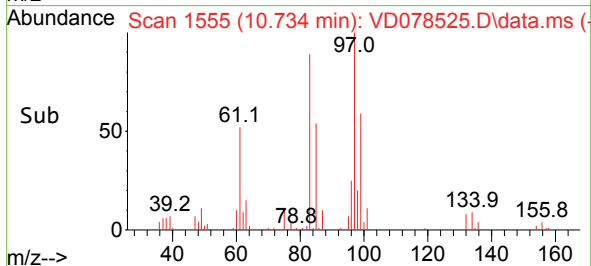
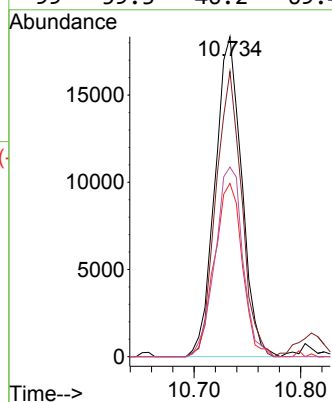
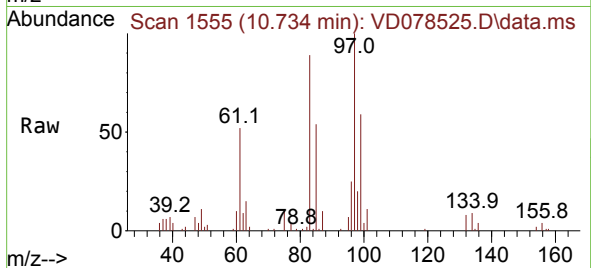




#55
 1,1,2-Trichloroethane
 Concen: 38.135 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

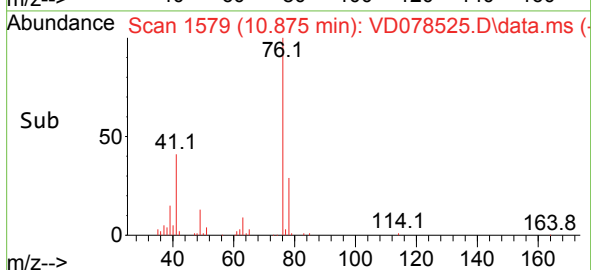
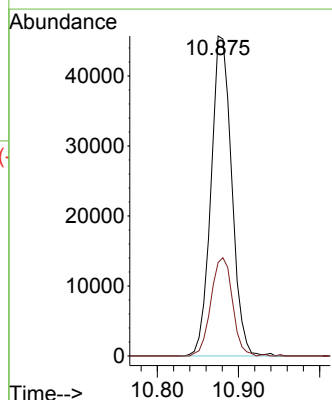
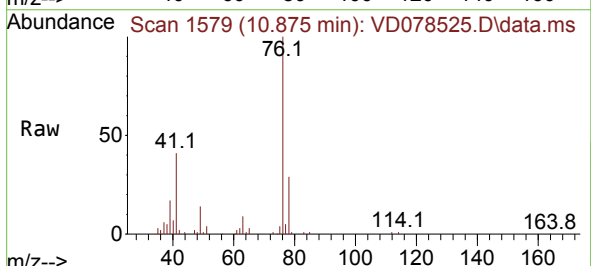
Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

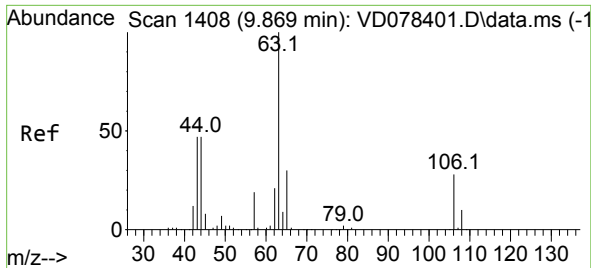
Tgt Ion: 97	Resp: 31925
Ion Ratio	Lower Upper
97 100	
83 89.2	65.8 98.6
85 54.1	45.7 68.5
99 59.3	46.2 69.4



#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

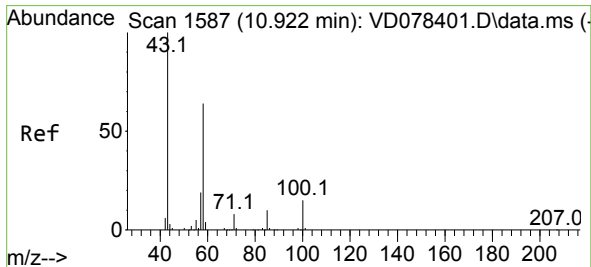
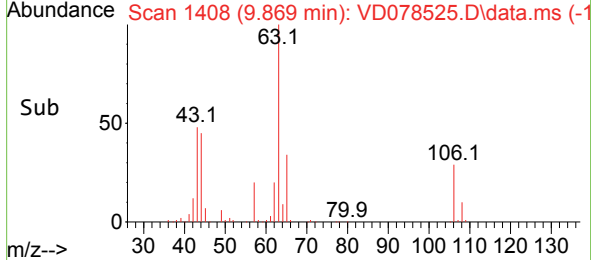
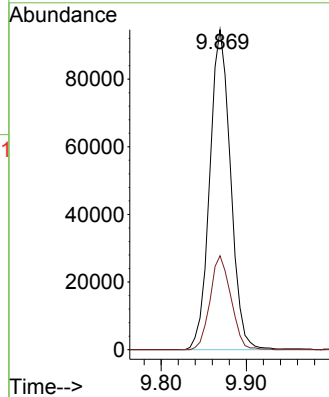
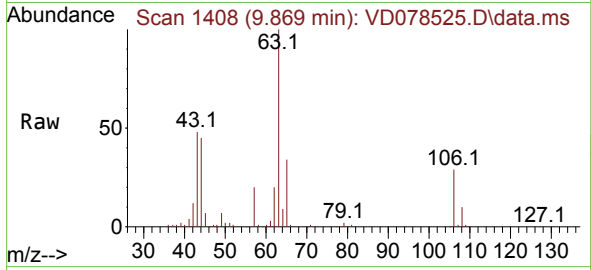




#58
2-Chloroethyl Vinyl ether
Concen: 351.881 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

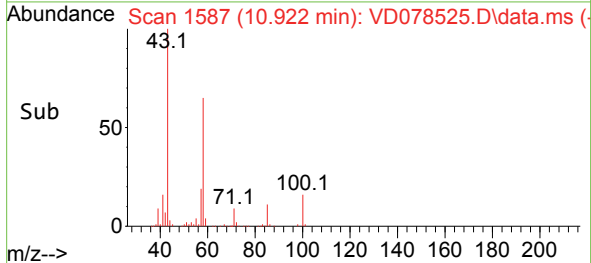
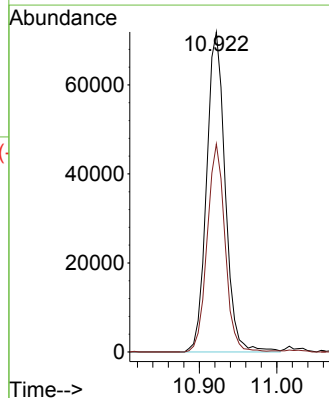
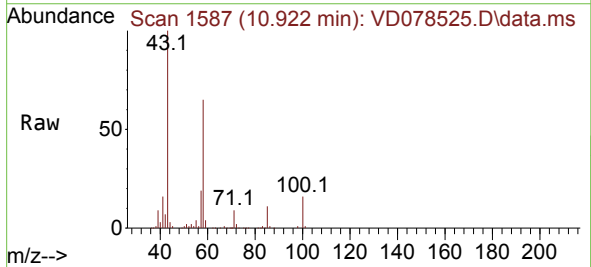
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

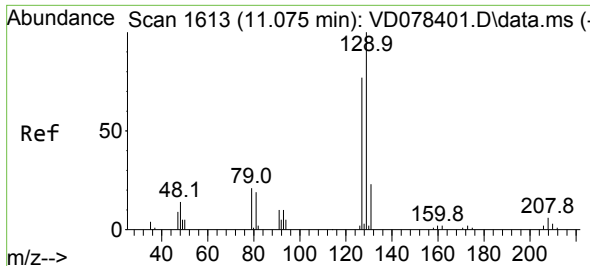
Tgt Ion: 63 Resp: 160481
Ion Ratio Lower Upper
63 100
106 29.4 25.3 37.9



#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

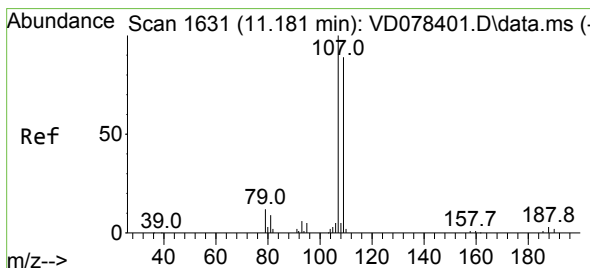
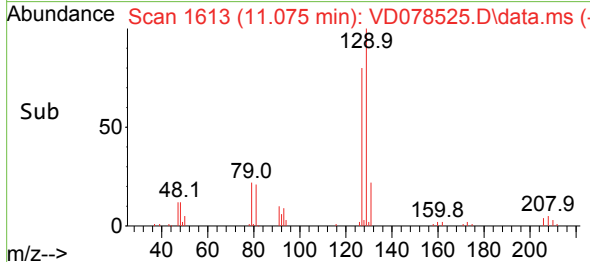
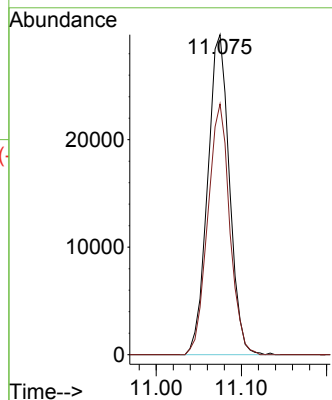
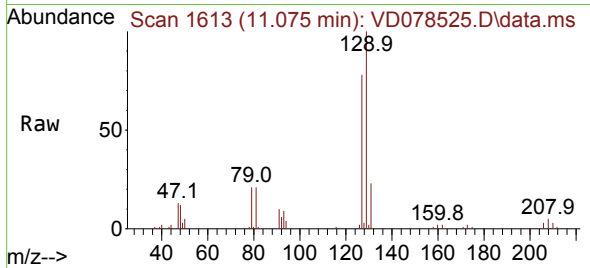




#60
Dibromochloromethane
Concen: 52.522 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

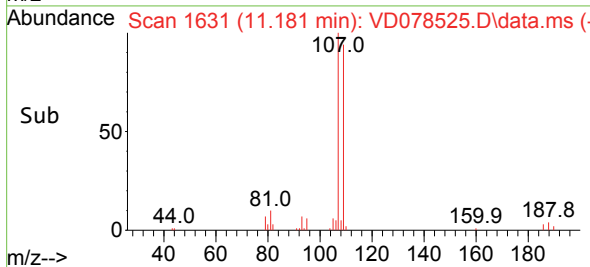
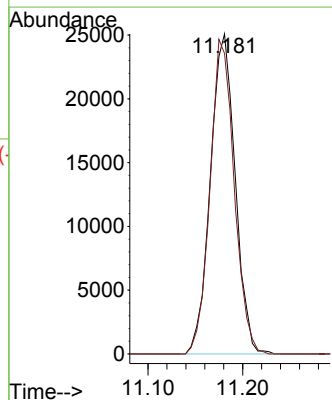
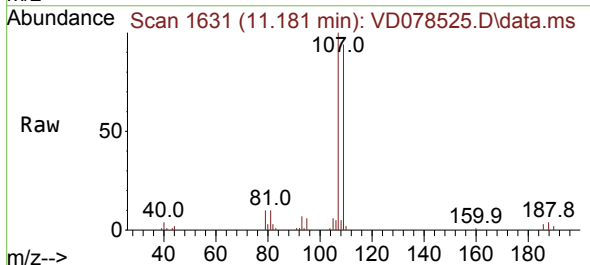
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

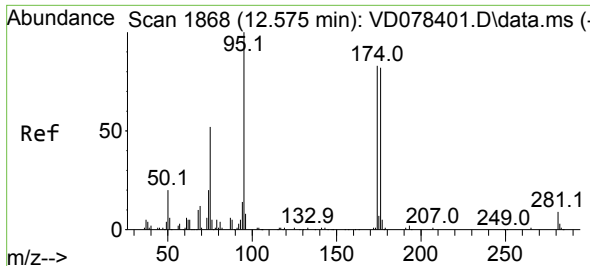
Tgt Ion:129 Resp: 52903
Ion Ratio Lower Upper
129 100
127 78.8 37.1 111.5



#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

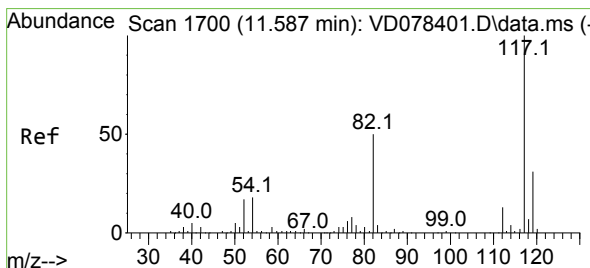
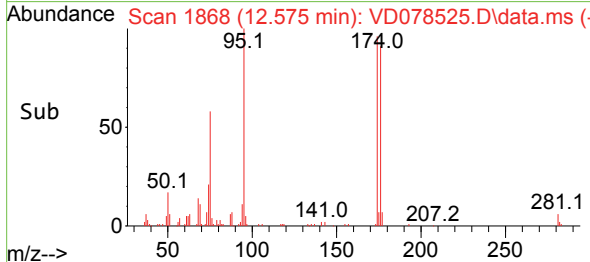
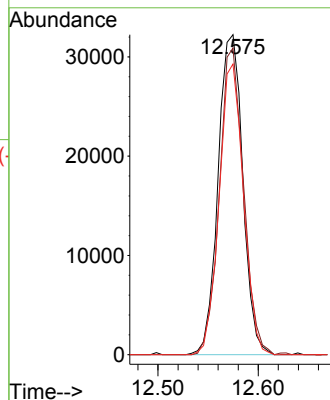
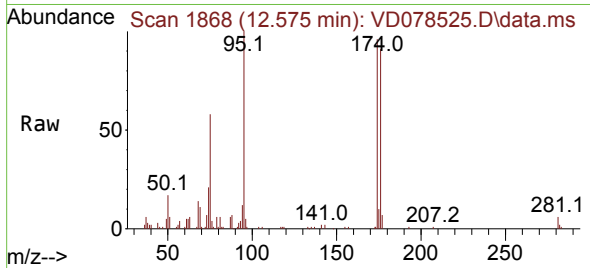




#62
4-Bromofluorobenzene
Concen: 47.079 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

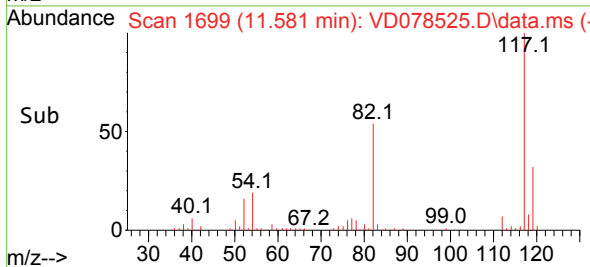
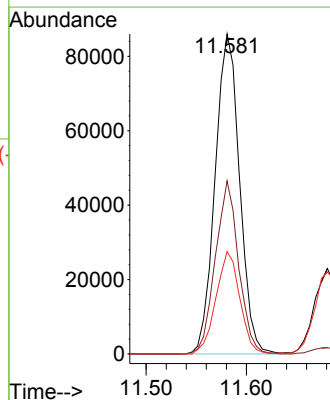
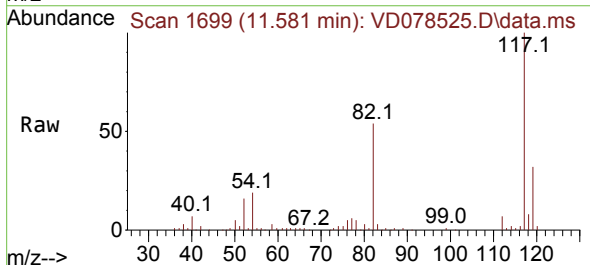
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

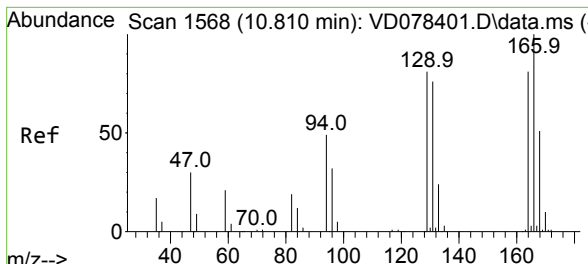
Tgt Ion:	95	Resp:	54978
Ion Ratio	Lower	Upper	
95	100		
174	93.9	0.0	201.8
176	89.4	0.0	191.8



#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

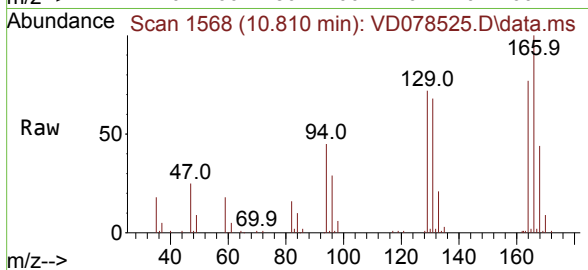
Tgt Ion:	117	Resp:	145864
Ion Ratio	Lower	Upper	
117	100		
82	54.1	38.3	57.5
119	32.0	25.0	37.4



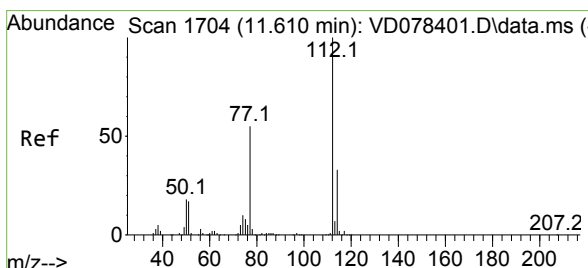
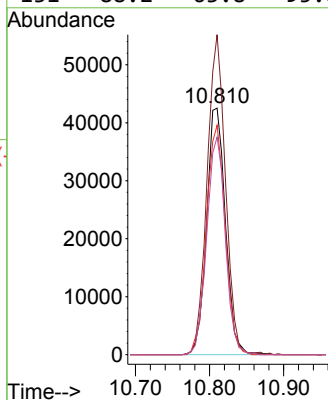
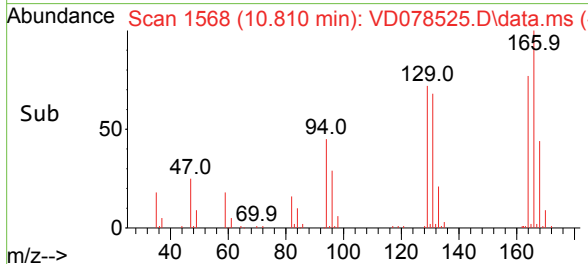


#64
Tetrachloroethene
Concen: 81.599 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

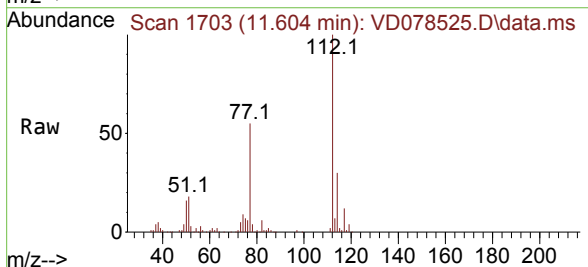
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



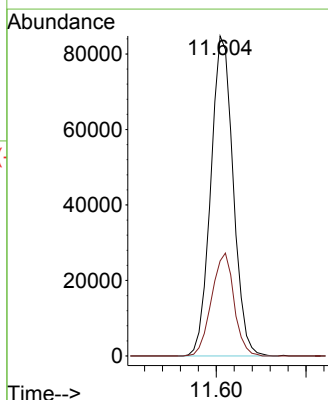
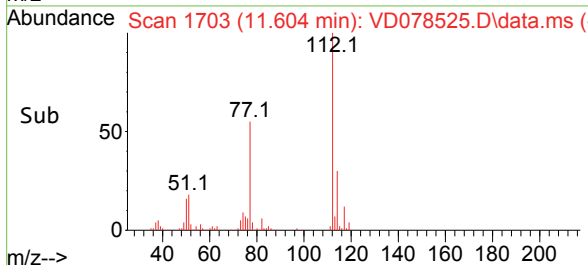
Tgt Ion:164 Resp: 75179
Ion Ratio Lower Upper
164 100
166 129.8 99.2 148.8
129 93.1 68.4 102.6
131 88.2 63.8 95.8

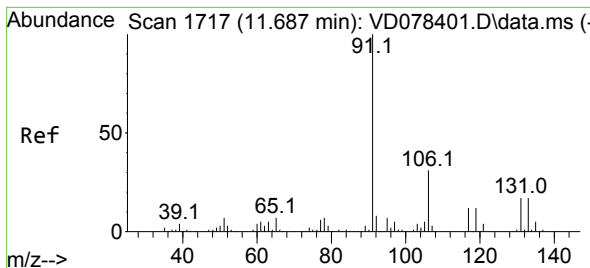


#65
Chlorobenzene
Concen: 50.015 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49



Tgt Ion:112 Resp: 146666
Ion Ratio Lower Upper
112 100
114 29.7 25.1 37.7

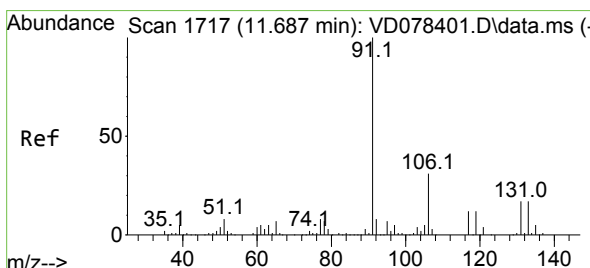
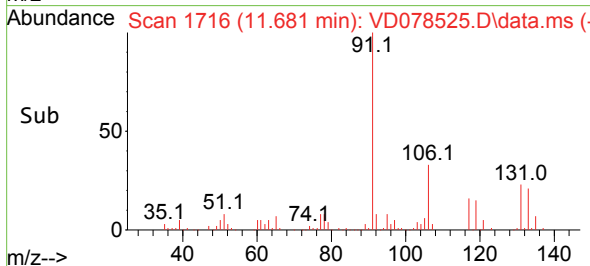
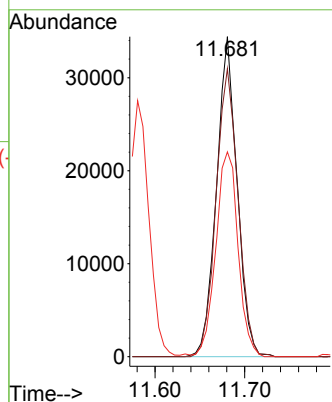
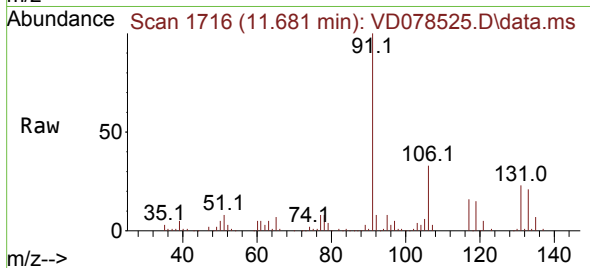




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.023 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. -0.006 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

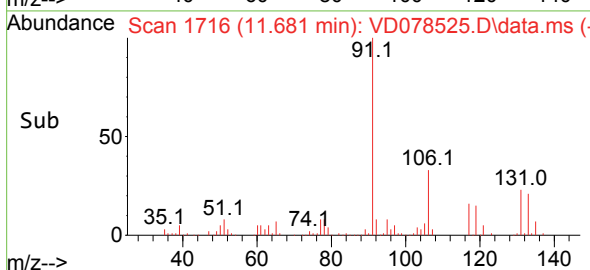
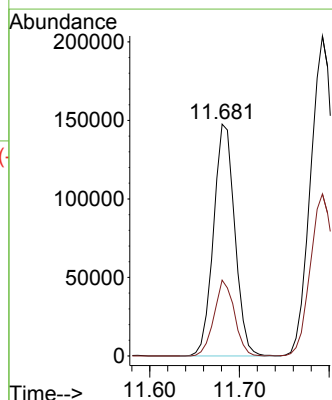
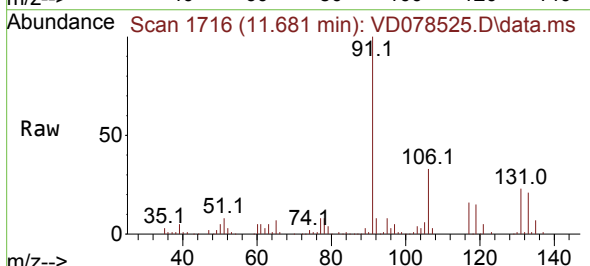
Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

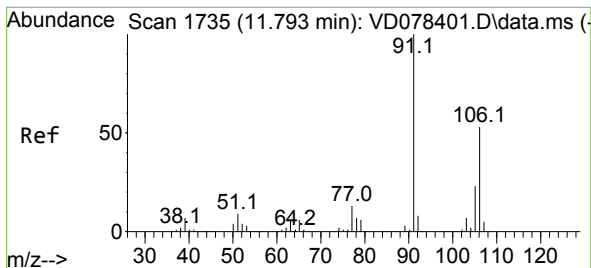
Tgt Ion:131 Resp: 54985
 Ion Ratio Lower Upper
 131 100
 133 95.8 48.5 145.5
 119 69.2 35.6 106.9



#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

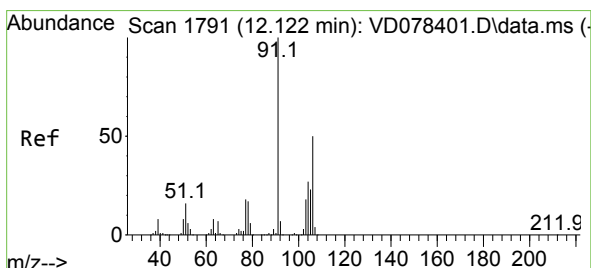
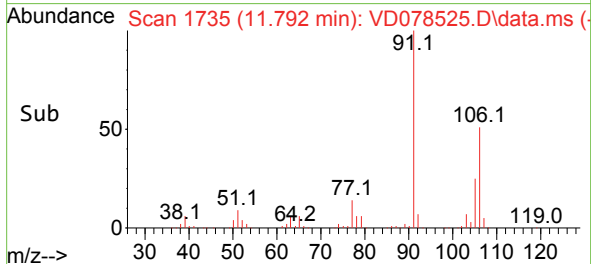
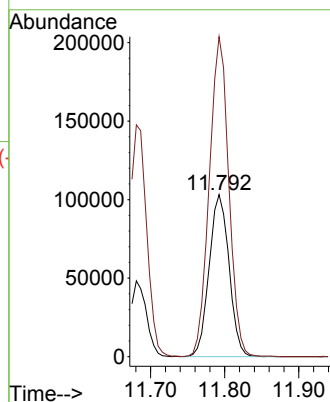
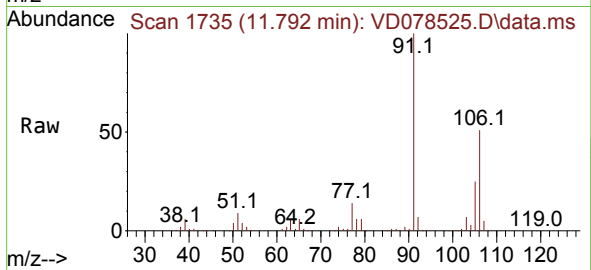




#68
m/p-Xylenes
Concen: 93.813 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

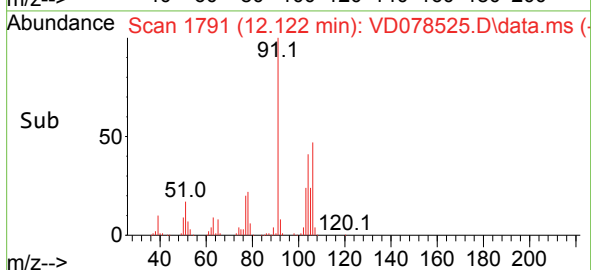
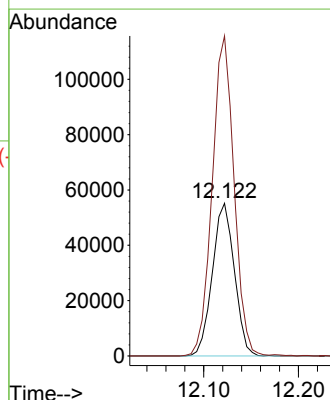
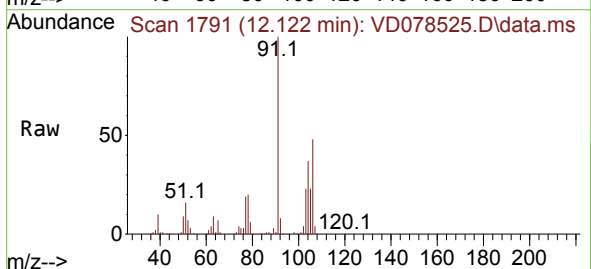
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

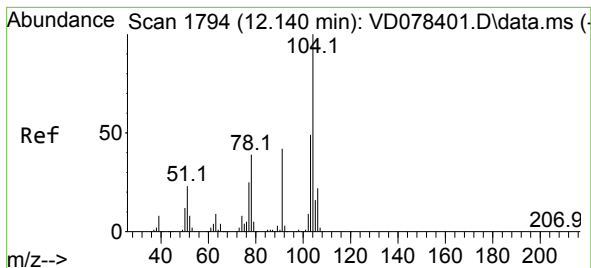
Tgt Ion:106 Resp: 192267
Ion Ratio Lower Upper
106 100
91 193.9 147.0 220.6



#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# 1794

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

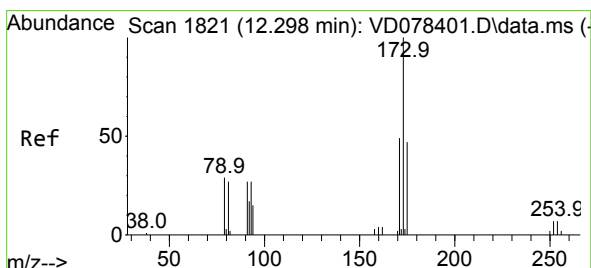
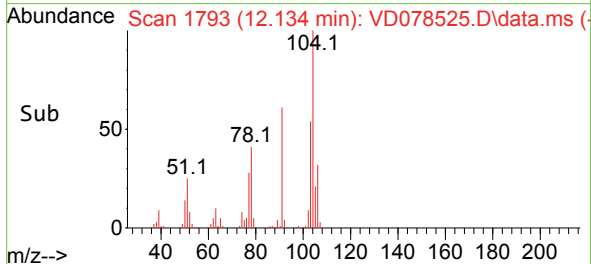
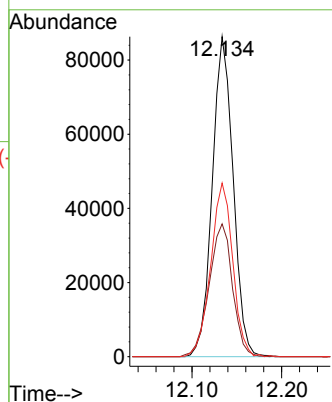
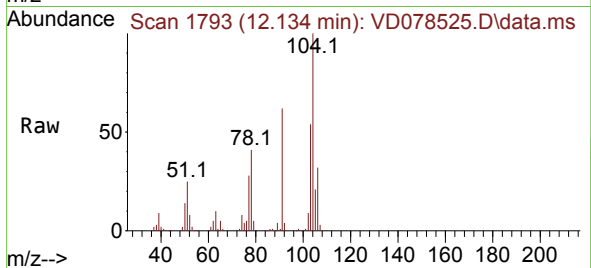
Tgt Ion:104 Resp: 139469

Ion Ratio Lower Upper

104 100

78 46.4 33.2 49.8

103 57.3 43.6 65.4



#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

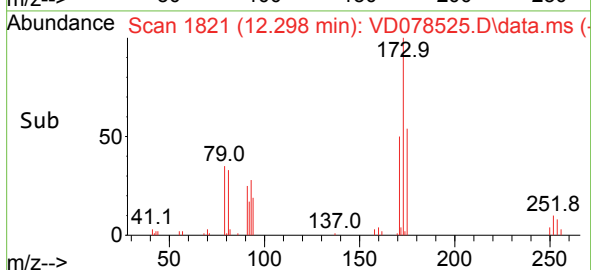
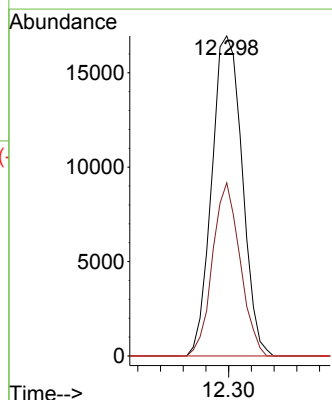
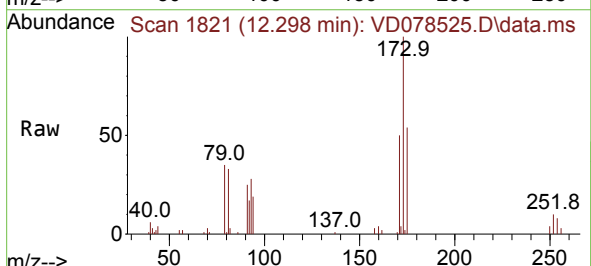
Tgt Ion:173 Resp: 31546

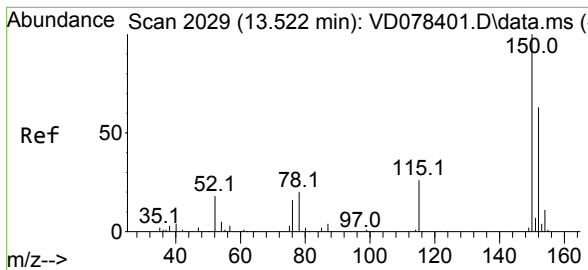
Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

254 0.0 0.0 0.0

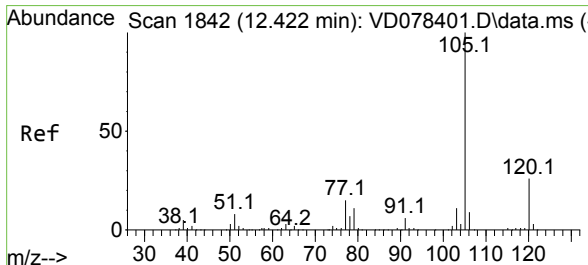
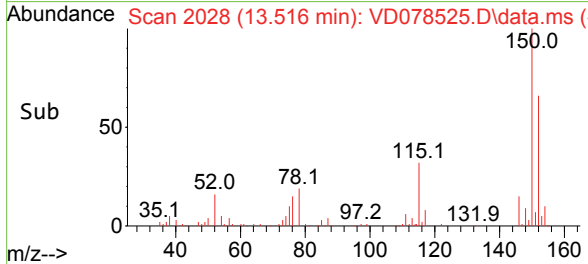
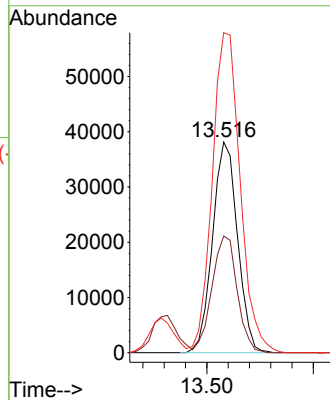
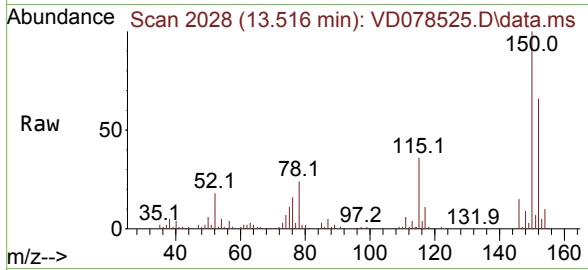




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

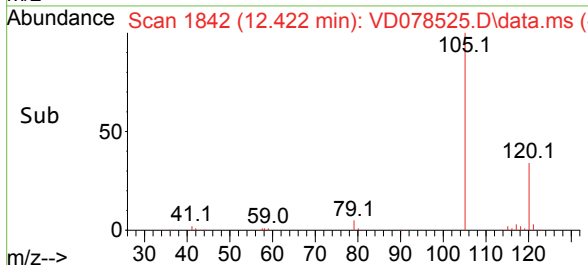
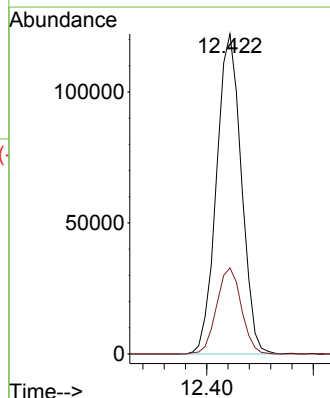
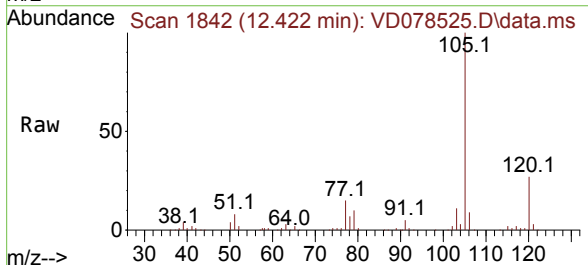
Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

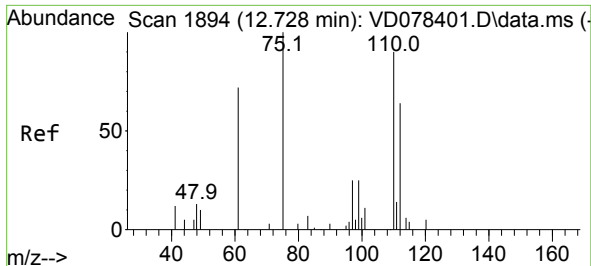
Tgt Ion:152 Resp: 61959
 Ion Ratio Lower Upper
 152 100
 115 56.0 27.1 81.3
 150 170.0 0.0 353.6



#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

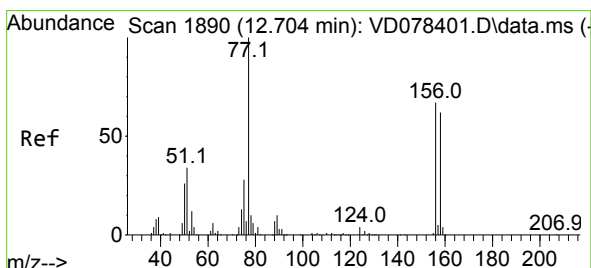
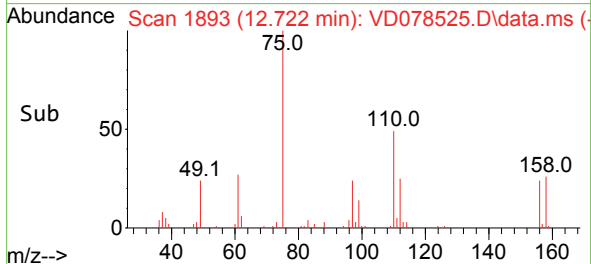
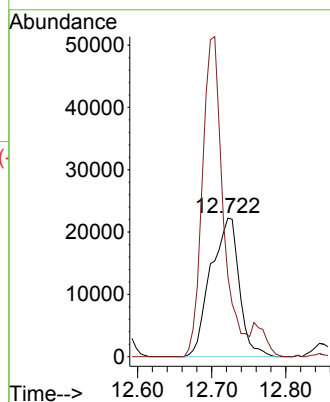
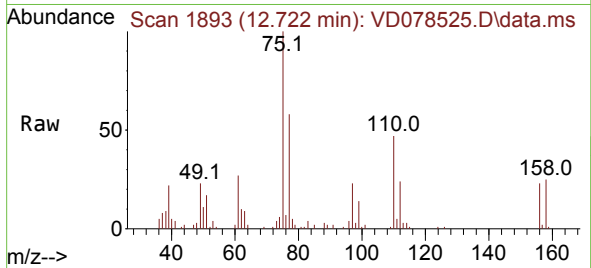




#76
1,2,3-Trichloropropane
Concen: 112.896 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

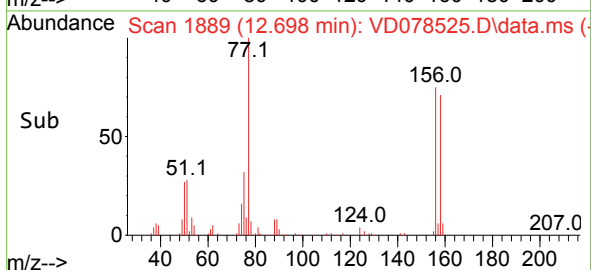
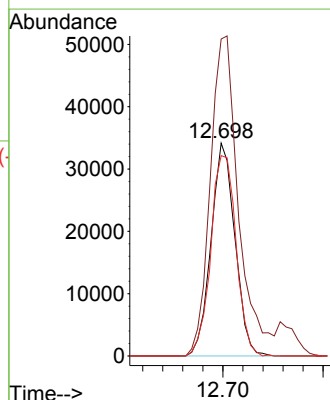
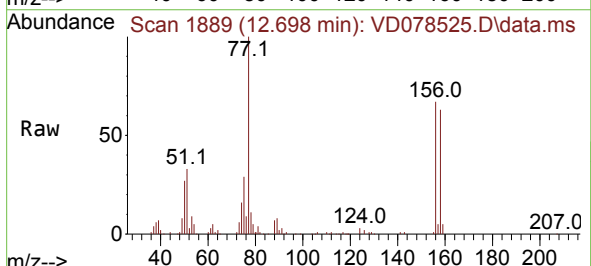
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

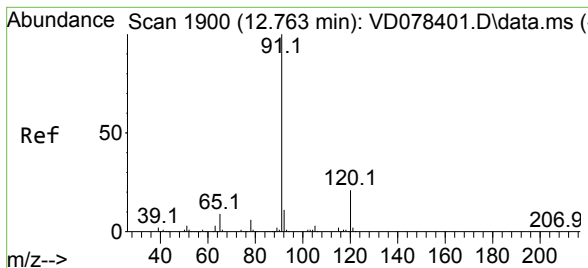
Tgt Ion: 75 Resp: 59385
Ion Ratio Lower Upper
75 100
77 169.2 0.0 0.0#



#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 :

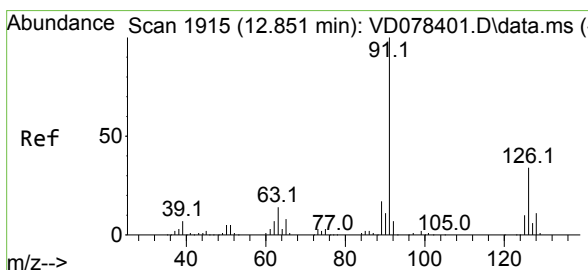
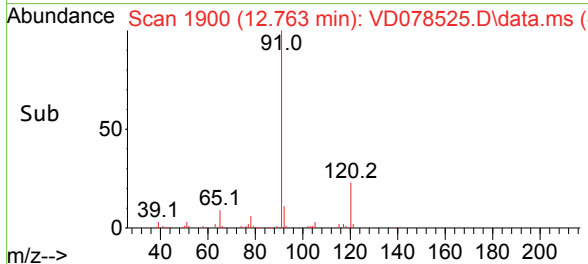
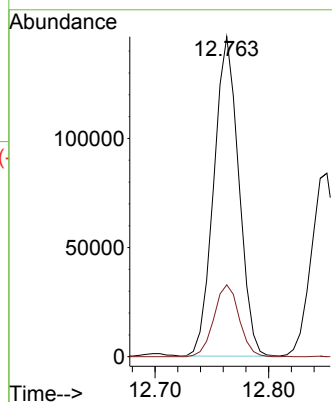
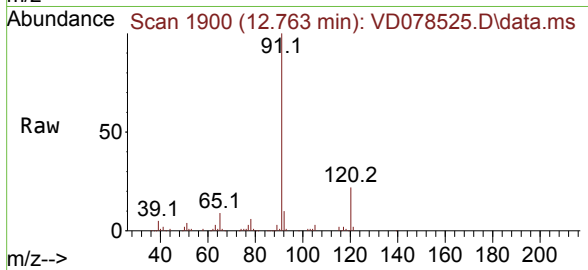
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 91 Resp: 223513

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2



#79

2-Chlorotoluene

Concen: 48.826 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD078525.D

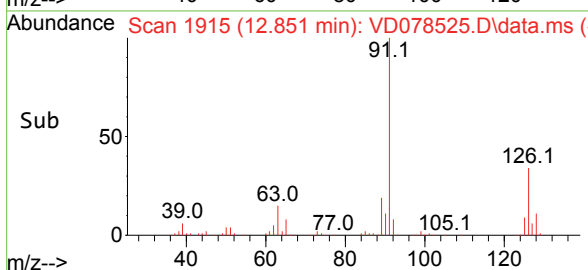
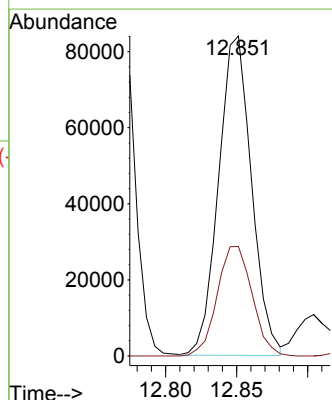
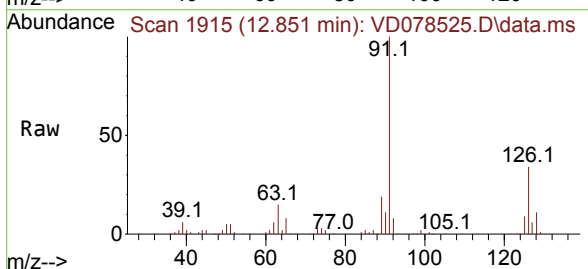
Acq: 22 Feb 2024 18:49

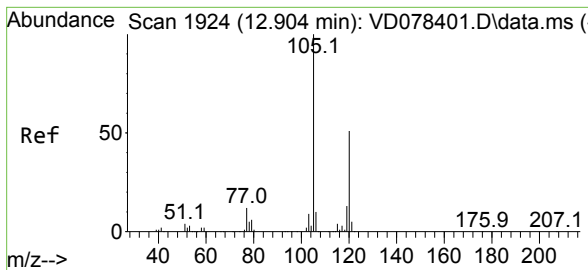
Tgt Ion: 91 Resp: 135588

Ion Ratio Lower Upper

91 100

126 36.4 19.4 58.1

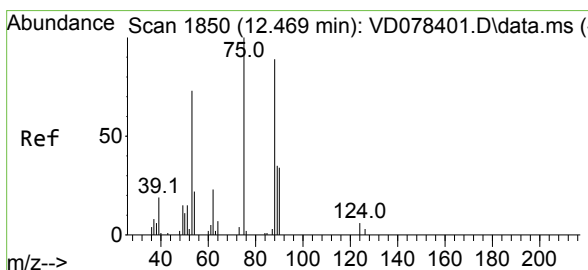
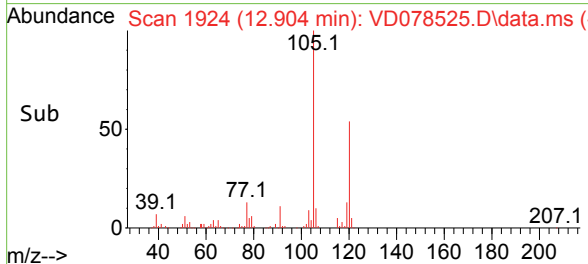
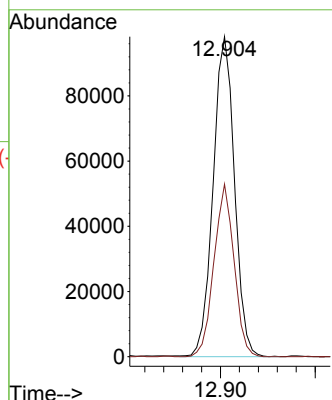
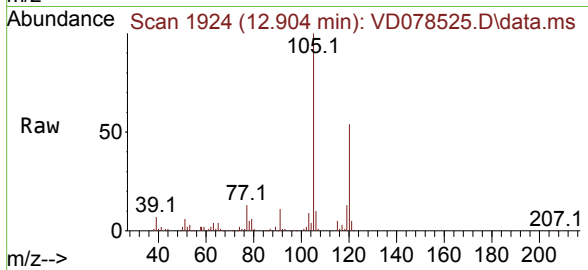




#80
 1,3,5-Trimethylbenzene
 Concen: 44.509 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

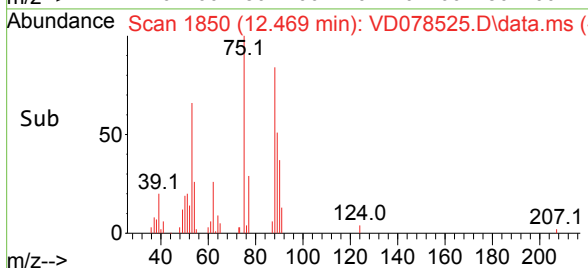
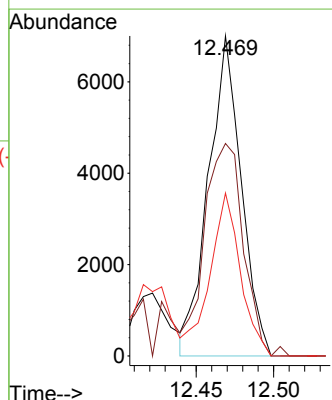
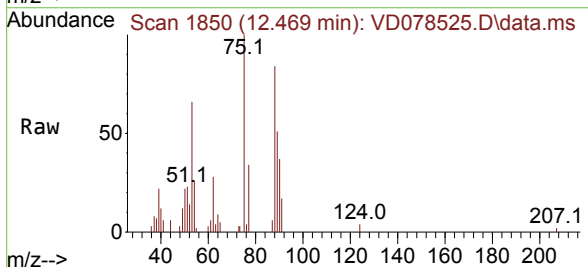
Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

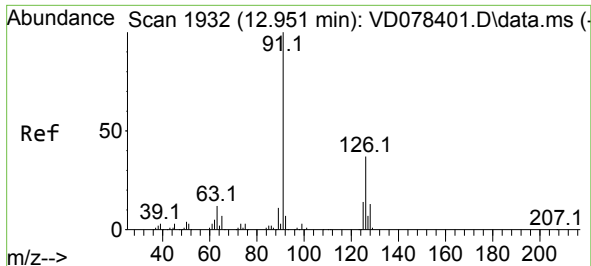
Tgt Ion:105 Resp: 153765
 Ion Ratio Lower Upper
 105 100
 120 50.7 26.4 79.2



#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

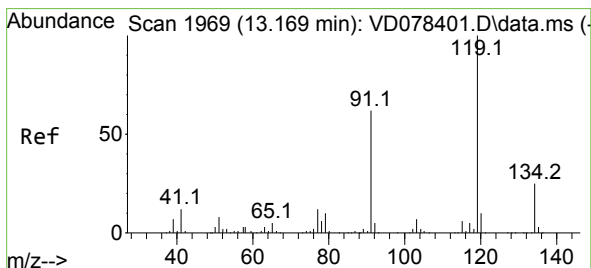
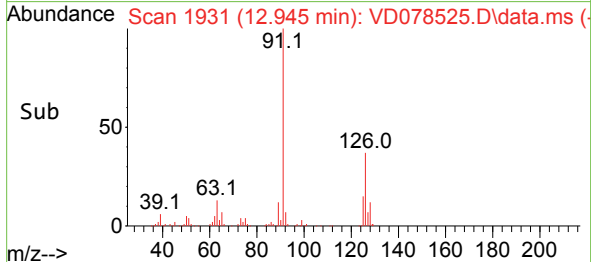
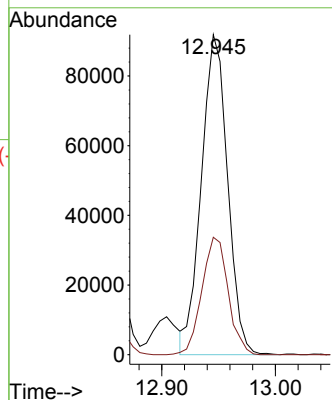
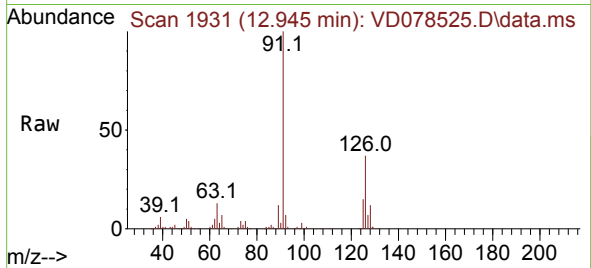




#82
4-Chlorotoluene
Concen: 49.354 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

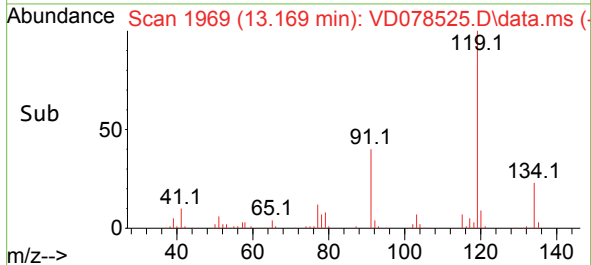
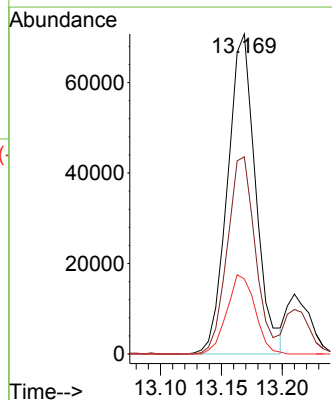
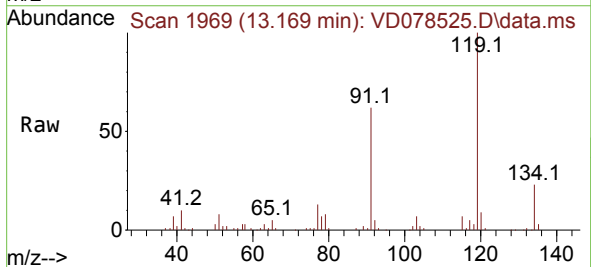
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

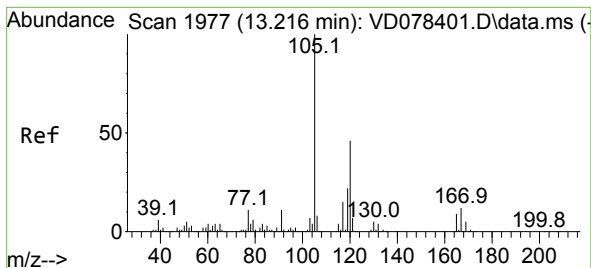
Tgt Ion: 91 Resp: 147198
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.4



#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 :

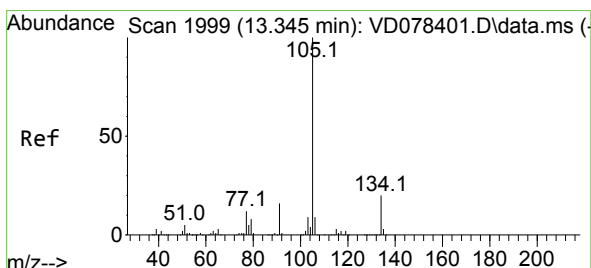
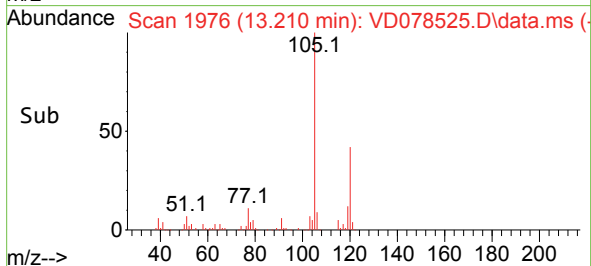
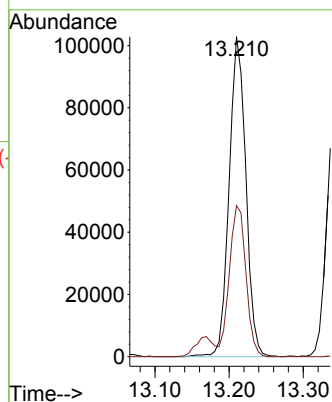
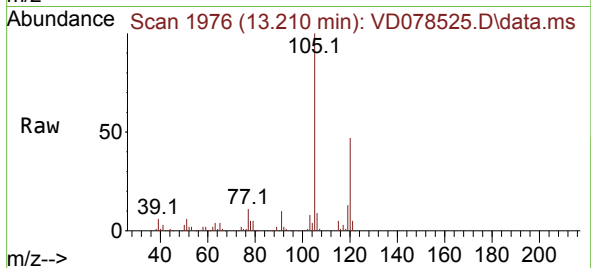
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:105 Resp: 161100

Ion Ratio Lower Upper

105 100

120 46.4 24.3 72.9



#85

sec-Butylbenzene

Concen: 31.712 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078525.D

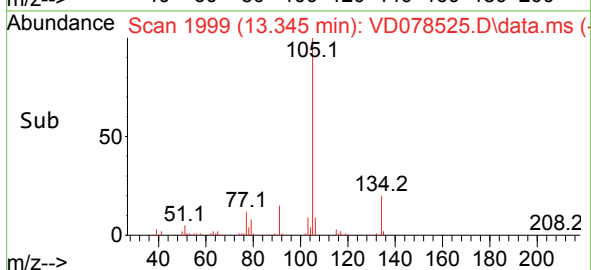
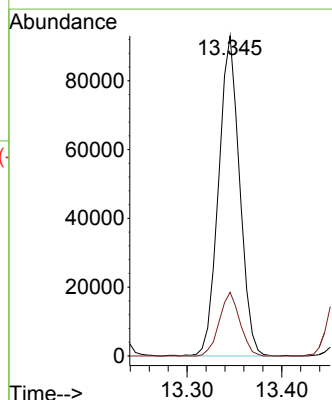
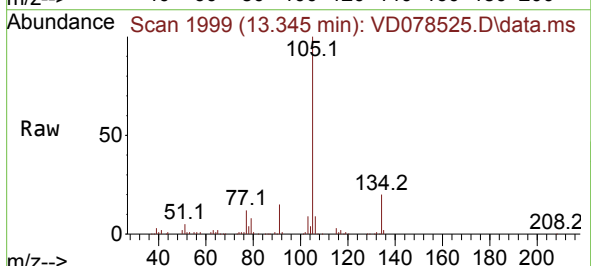
Acq: 22 Feb 2024 18:49

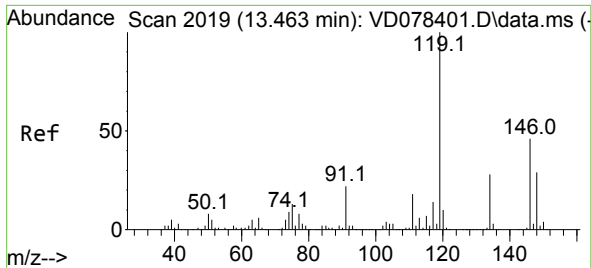
Tgt Ion:105 Resp: 143291

Ion Ratio Lower Upper

105 100

134 19.5 10.9 32.9

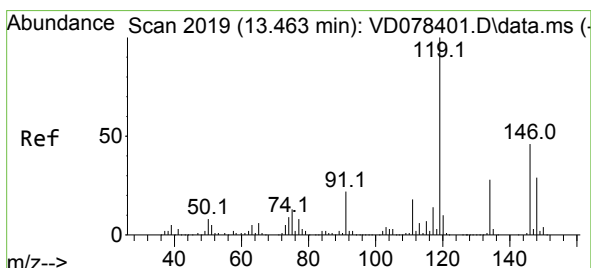
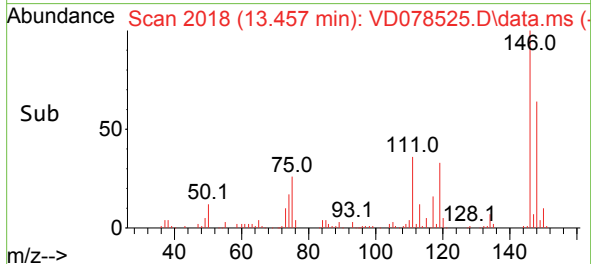
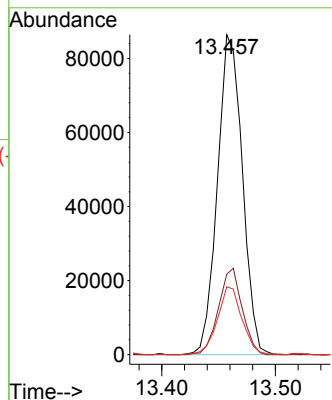
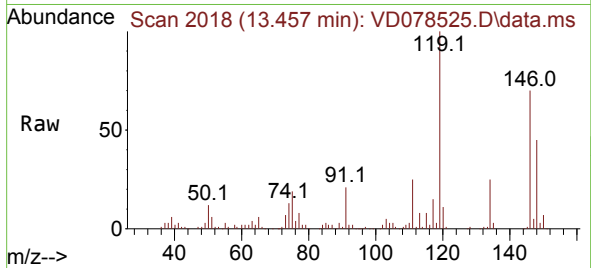




#86
p-Isopropyltoluene
Concen: 34.294 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

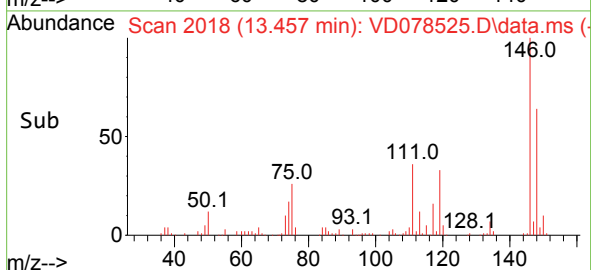
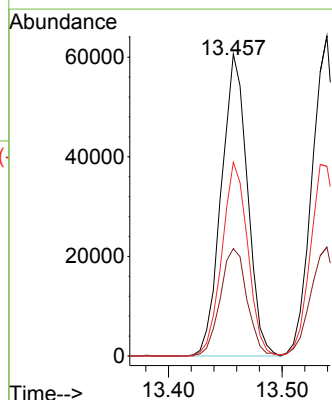
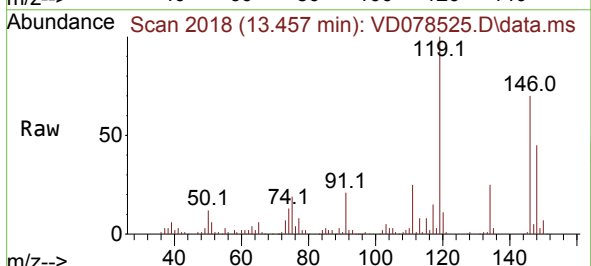
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

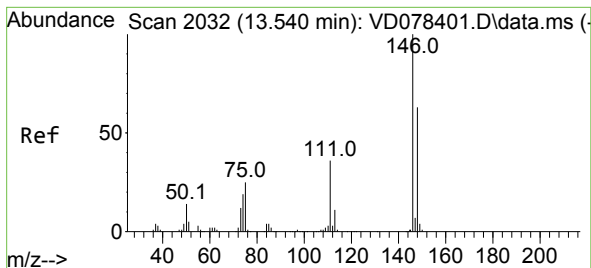
Tgt Ion:119 Resp: 131985
Ion Ratio Lower Upper
119 100
134 25.5 14.2 42.6
91 21.0 10.5 31.5



#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

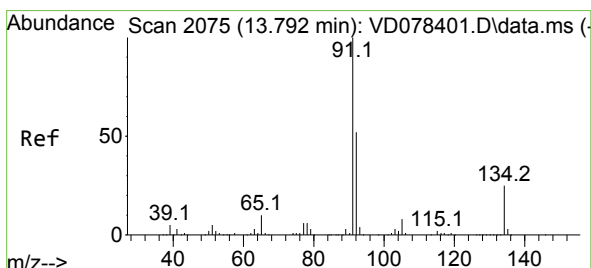
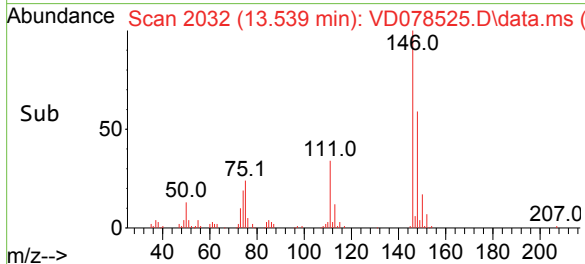
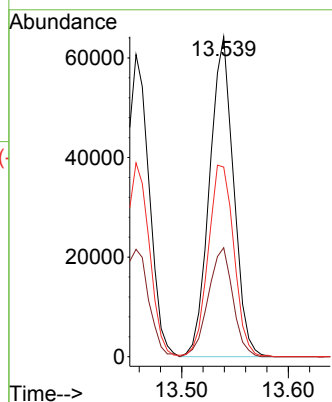
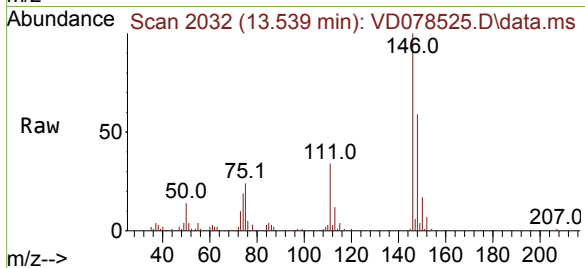
Tgt Ion:146 Resp: 100596

Ion Ratio Lower Upper

146 100

111 34.9 17.4 52.3

148 64.1 31.7 95.1



#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

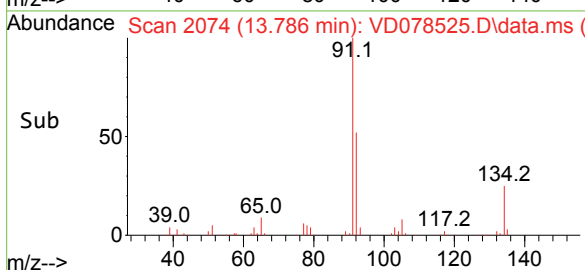
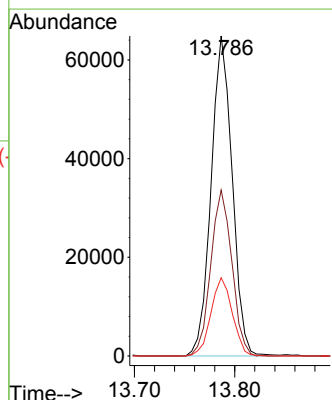
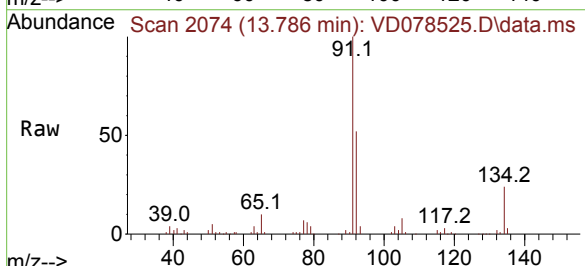
Tgt Ion: 91 Resp: 94606

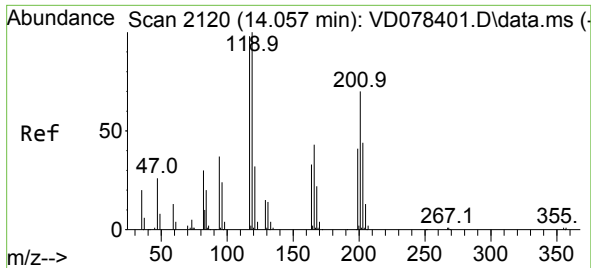
Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.5

134 24.8 13.8 41.3

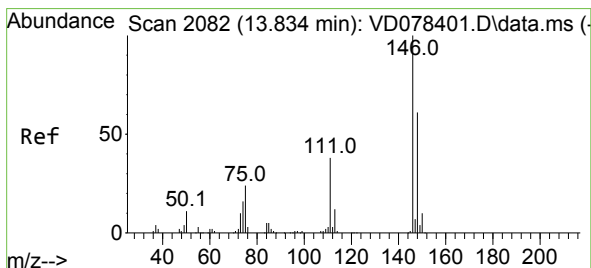
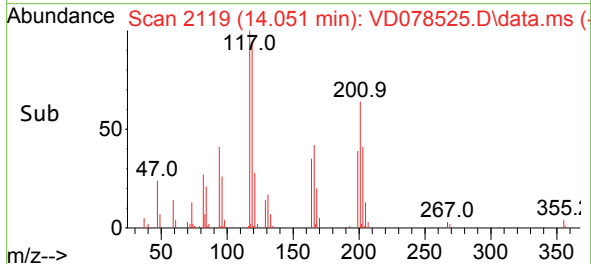
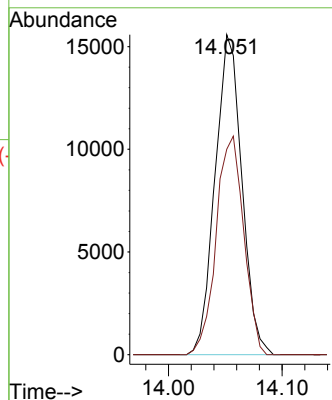
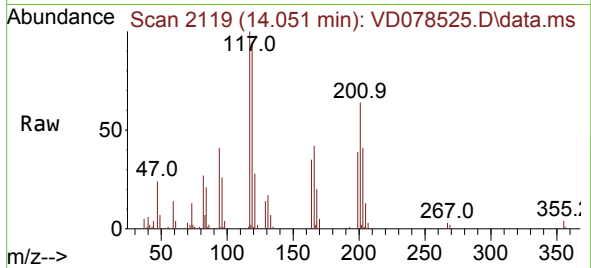




#90
Hexachloroethane
Concen: 32.268 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

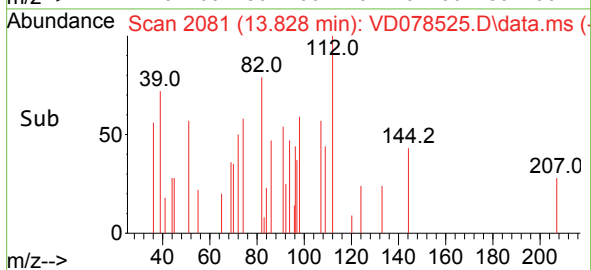
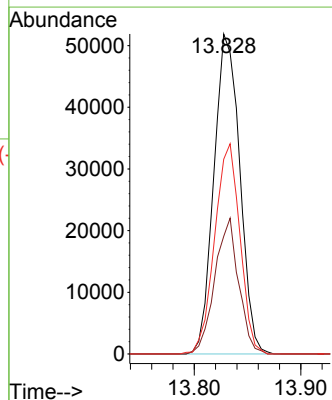
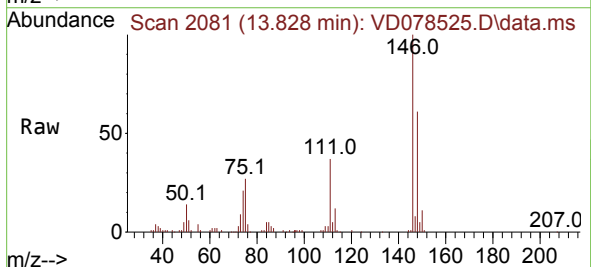
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

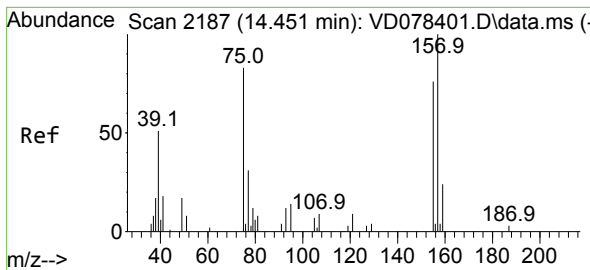
Tgt Ion:117 Resp: 25524
Ion Ratio Lower Upper
117 100
201 70.3 38.5 115.5



#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

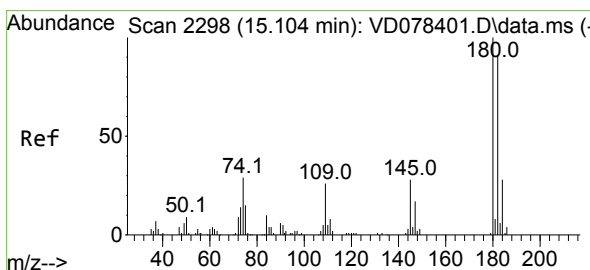
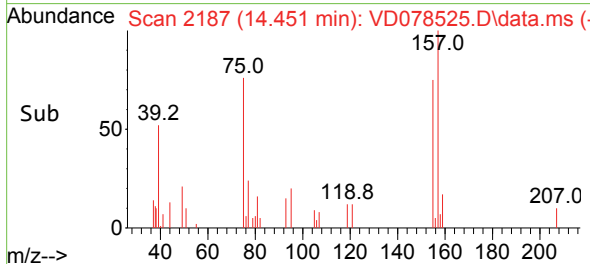
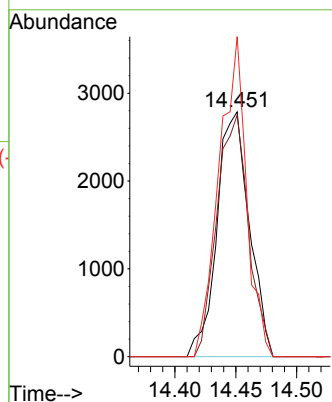
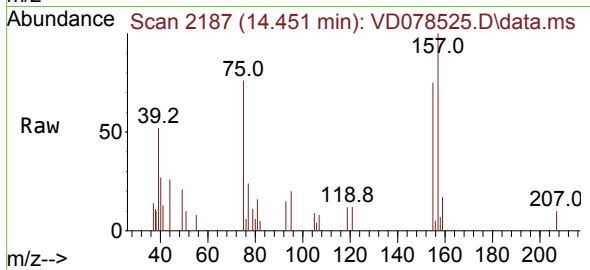




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.824 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. -0.000 min
 Lab File: VD078525.D
 Acq: 22 Feb 2024 18:49

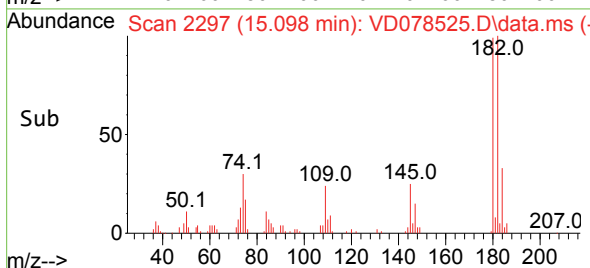
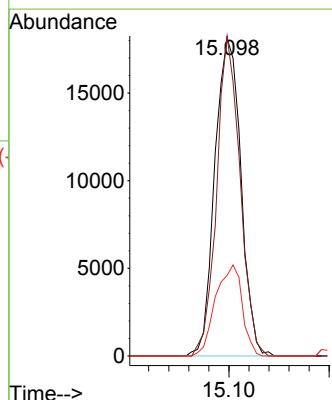
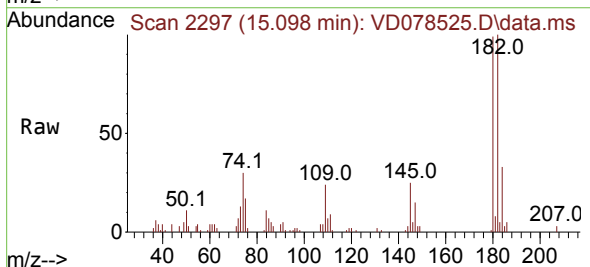
Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

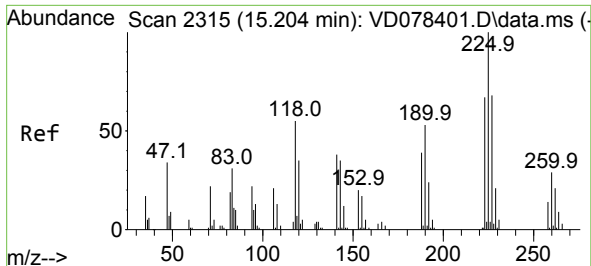
Tgt Ion:	75	Resp:	5168
Ion	Ratio	Lower	Upper
75	100		
155	96.1	47.9	143.8
157	110.6	59.9	179.7



#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

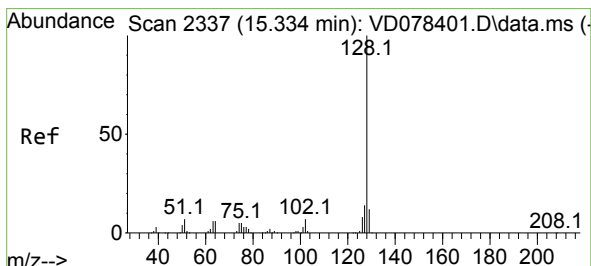
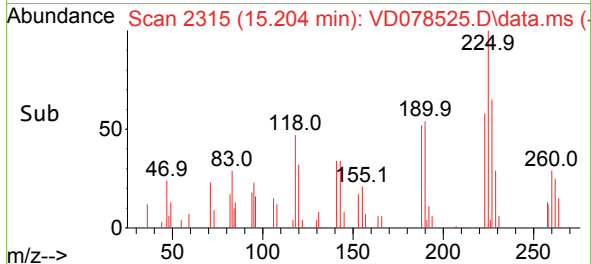
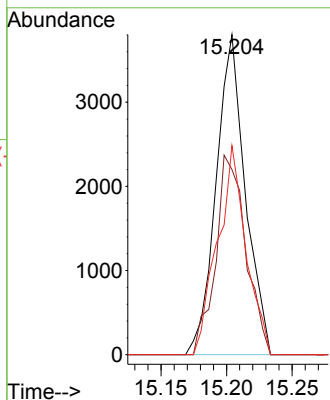
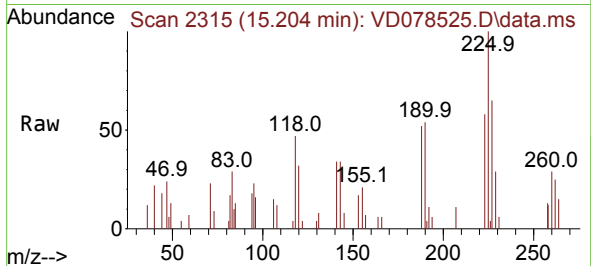




#94
Hexachlorobutadiene
Concen: 10.929 ug/l
RT: 15.204 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078525.D
Acq: 22 Feb 2024 18:49

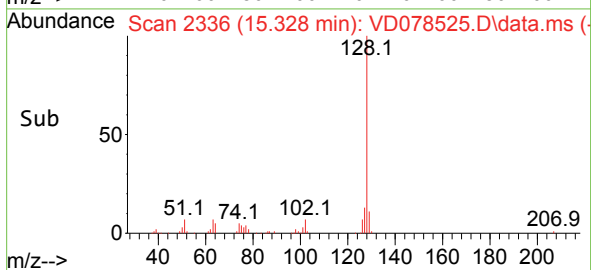
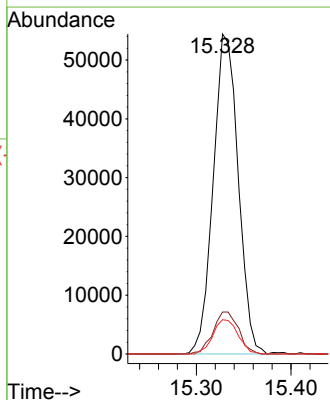
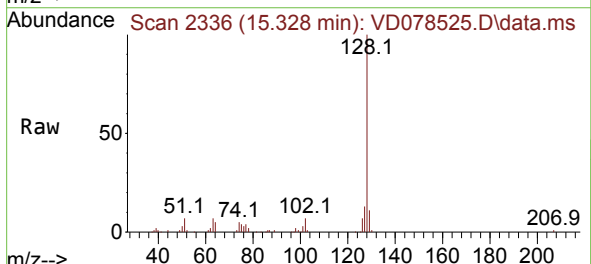
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

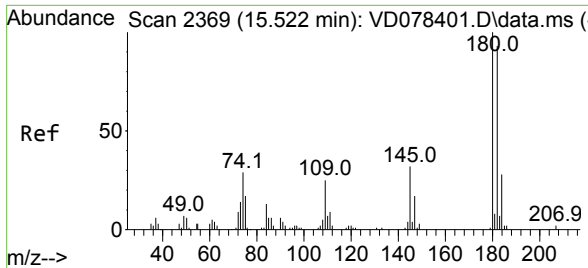
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.6	94.8
227	63.9	31.7	95.1



#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

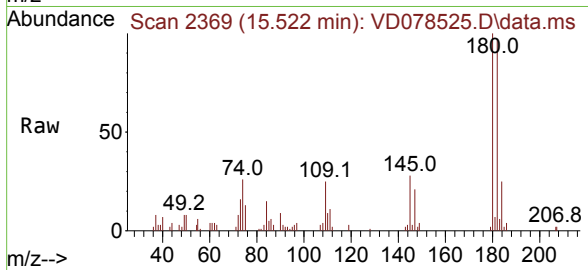
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.7	13.1





#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

