

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078526.D
 Acq On : 22 Feb 2024 19:17
 Operator : RP/MD
 Sample : P1538-16MSD
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 23 01:09:32 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	102180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	177993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	165333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56335	50.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.980%
35) Dibromofluoromethane	8.004	113	1890	1.672	ug/l	0.19
Spiked Amount	50.000	Range	54 - 147	Recovery	=	3.340%#
50) Toluene-d8	10.269	98	217234	48.030	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.569	95	63291	48.087	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.180%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	61790	61.375	ug/l	100
3) Chloromethane	2.152	50	113795	61.504	ug/l	99
4) Vinyl Chloride	2.281	62	176080	62.367	ug/l	99
5) Bromomethane	2.681	94	94095	48.284	ug/l	99
6) Chloroethane	2.828	64	126985	61.681	ug/l	95
7) Trichlorofluoromethane	3.163	101	107669	56.534	ug/l	97
8) Diethyl Ether	3.593	74	34962	63.734	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.958	101	64716	53.864	ug/l	97
10) Methyl Iodide	4.158	142	49272	45.787	ug/l	92
11) Tert butyl alcohol	5.063	59	19587	328.888	ug/l	100
12) 1,1-Dichloroethene	3.940	96	85092	76.391	ug/l	94
13) Acrolein	3.799	56	789	7.730	ug/l	# 58
14) Allyl chloride	4.557	41	63319	46.014	ug/l	90
15) Acrylonitrile	5.257	53	76562	326.031	ug/l	98
16) Acetone	4.022	43	86545	436.278	ug/l	95
17) Carbon Disulfide	4.263	76	295015	78.709	ug/l	98
18) Methyl Acetate	4.563	43	68	4.019	ug/l	# 42
19) Methyl tert-butyl Ether	5.316	73	160471	67.806	ug/l	97
20) Methylene Chloride	4.799	84	100095	81.952	ug/l	# 88
21) trans-1,2-Dichloroethene	5.305	96	73190	55.853	ug/l	99
22) Diisopropyl ether	6.222	45	171742	56.625	ug/l	94
23) Vinyl Acetate	6.216	43	91395	63.042	ug/l	# 65
24) 1,1-Dichloroethane	6.110	63	125596	58.456	ug/l	98
25) 2-Butanone	7.081	43	101996	372.041	ug/l	92
26) 2,2-Dichloropropane	7.075	77	97136	53.930	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	85787	59.669	ug/l	97
28) Bromochloromethane	7.422	49	39674	46.621	ug/l	93
29) Tetrahydrofuran	7.446	42	57367	349.152	ug/l	92
30) Chloroform	7.593	83	136121	59.879	ug/l	99
31) Cyclohexane	7.881	56	83135	44.483	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	112447	58.017	ug/l	98
36) 1,1-Dichloropropene	8.010	75	94597	53.857	ug/l	97
37) Ethyl Acetate	7.081	43	101996	165.656	ug/l	# 1
38) Carbon Tetrachloride	7.987	117	93832	53.944	ug/l	96
39) Methylcyclohexane	9.275	83	78716	37.750	ug/l	100
40) Benzene	8.251	78	296814	58.464	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19996	62.402	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	80883	61.572	ug/l	98
43) Isopropyl Acetate	8.369	43	1386	1.216	ug/l #	47
44) Trichloroethene	9.028	130	144244	111.368	ug/l	93
45) 1,2-Dichloropropane	9.304	63	75510	60.620	ug/l	100
46) Dibromomethane	9.393	93	44302	63.232	ug/l	92
47) Bromodichloromethane	9.581	83	93554	53.911	ug/l	99
48) Methyl methacrylate	9.275	41	24193	39.996	ug/l #	40
49) 1,4-Dioxane	9.387	88	12277	1618.048	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	211607	349.690	ug/l	94
52) Toluene	10.334	92	188466	58.703	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	87765	55.426	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	98124	51.104	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	39435	41.795	ug/l	93
57) 1,3-Dichloropropane	10.881	76	103187	64.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	186904	363.615	ug/l	95
59) 2-Hexanone	10.922	43	154039	338.725	ug/l	93
60) Dibromochloromethane	11.069	129	67892	59.804	ug/l	93
61) 1,2-Dibromoethane	11.181	107	59190	66.821	ug/l	100
64) Tetrachloroethene	10.810	164	106163	101.660	ug/l	92
65) Chlorobenzene	11.604	112	196638	59.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	72597	59.433	ug/l	96
67) Ethyl Benzene	11.681	91	338748	56.880	ug/l	98
68) m/p-Xylenes	11.792	106	264387	113.811	ug/l	93
69) o-Xylene	12.122	106	121625	57.372	ug/l	91
70) Styrene	12.134	104	194842	56.316	ug/l	98
71) Bromoform	12.298	173	43134	67.090	ug/l #	98
73) Isopropylbenzene	12.422	105	292468	55.288	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.728	83	2053	1.956	ug/l #	25
76) 1,2,3-Trichloropropane	12.722	75	78447	117.295	ug/l #	100
77) Bromobenzene	12.698	156	80146	64.468	ug/l	93
78) n-propylbenzene	12.763	91	339403	51.486	ug/l	96
79) 2-Chlorotoluene	12.851	91	197332	55.889	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	237166	53.994	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	14524	45.084	ug/l	96
82) 4-Chlorotoluene	12.945	91	213055	56.184	ug/l	96
83) tert-Butylbenzene	13.163	119	180736	48.789	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	243427	54.605	ug/l	100
85) sec-Butylbenzene	13.345	105	241034	41.955	ug/l	96
86) p-Isopropyltoluene	13.463	119	222622	45.495	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	144763	54.559	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	146247	56.096	ug/l	99
89) n-Butylbenzene	13.786	91	173242	36.731	ug/l	97
90) Hexachloroethane	14.051	117	42381	42.139	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	131505	59.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6792	49.433	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	56641	43.255	ug/l	98
94) Hexachlorobutadiene	15.204	225	12671	18.539	ug/l	96
95) Naphthalene	15.333	128	157137	64.699	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	49392	44.506	ug/l	98

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

Instrument :

MSVOA_D

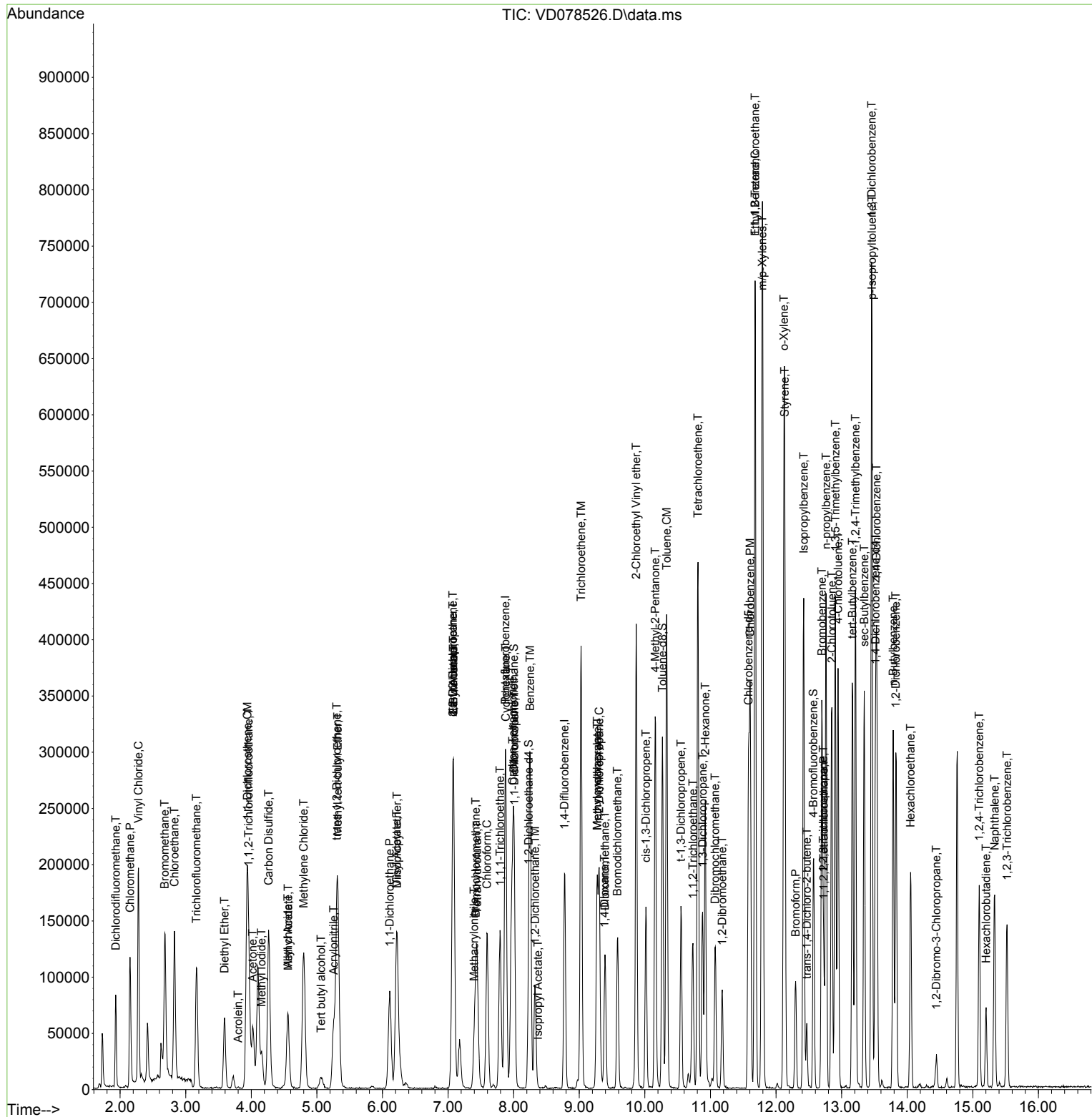
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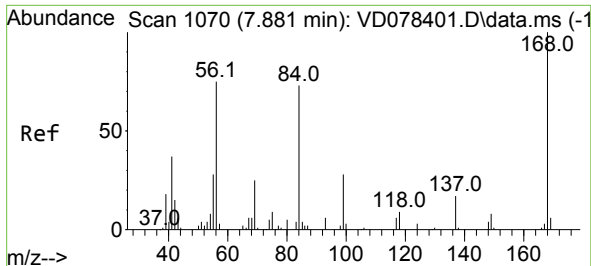
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

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Quant Title : SW846 8260
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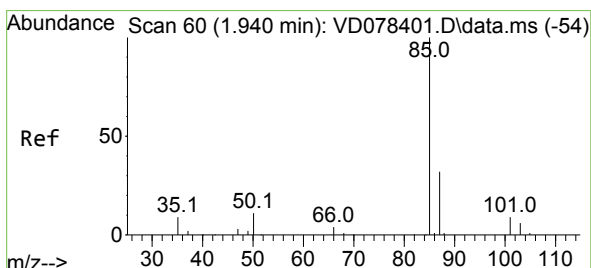
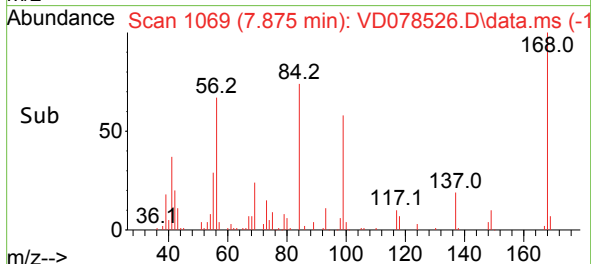
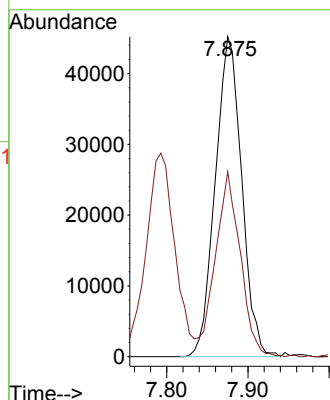
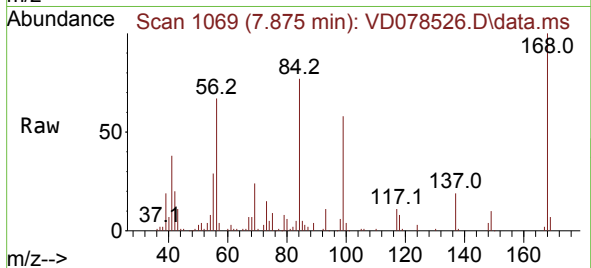




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078526.D
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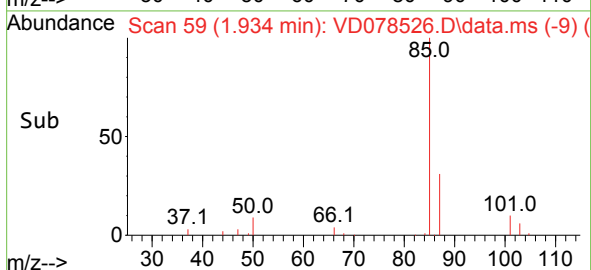
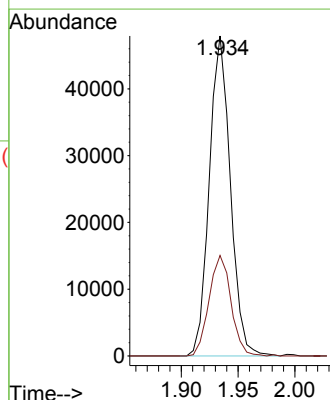
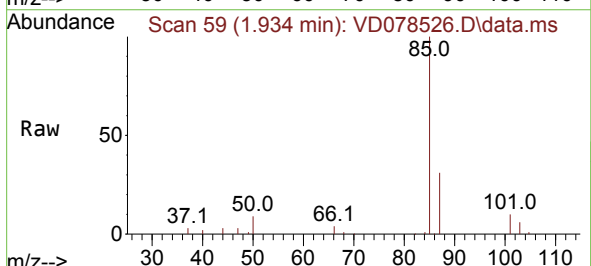
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MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

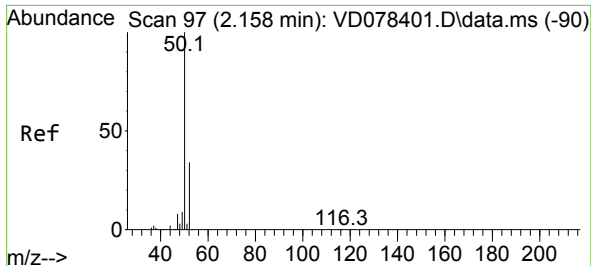
Tgt Ion:168 Resp: 102180
Ion Ratio Lower Upper
168 100
99 57.3 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 61.375 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 85 Resp: 61790
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0

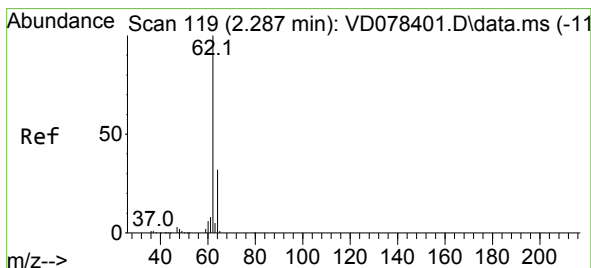
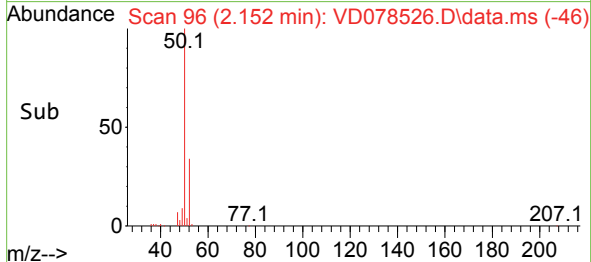
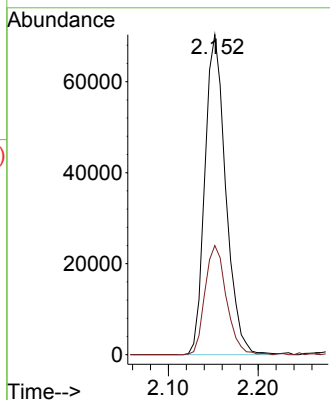
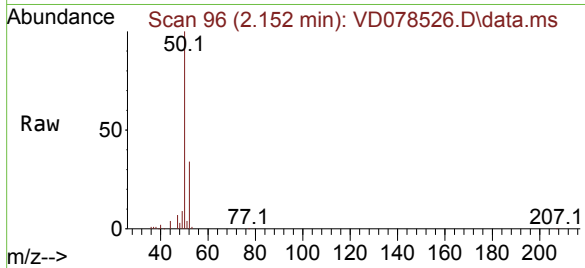




#3
Chloromethane
Concen: 61.504 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

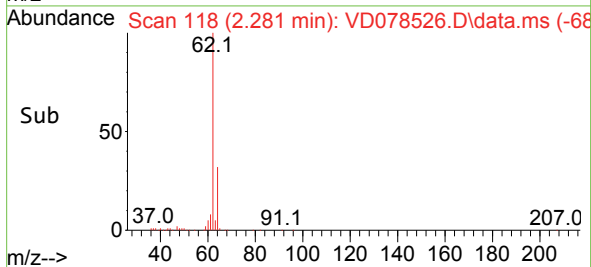
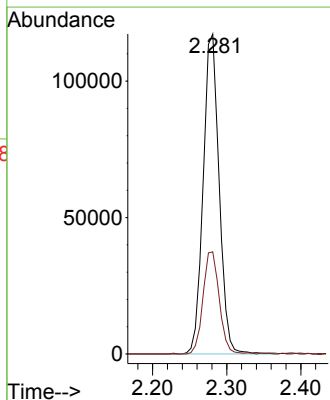
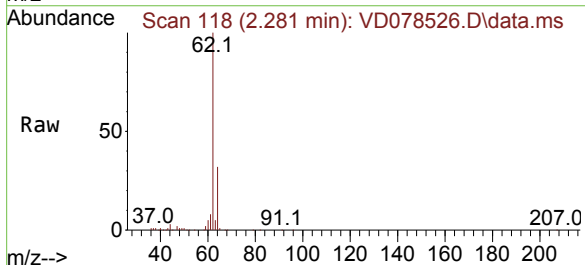
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

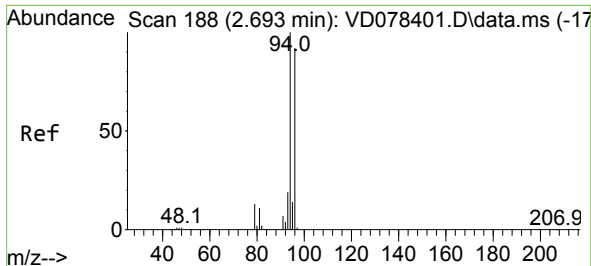
Tgt Ion: 50 Resp: 113795
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 62.367 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 62 Resp: 176080
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0

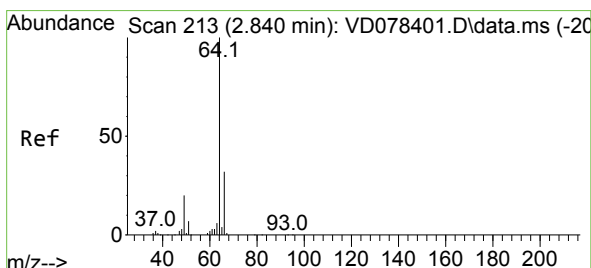
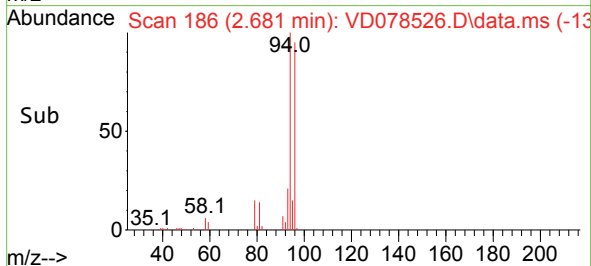
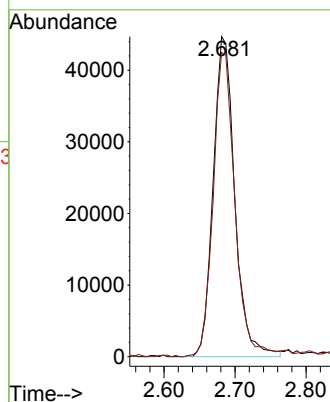
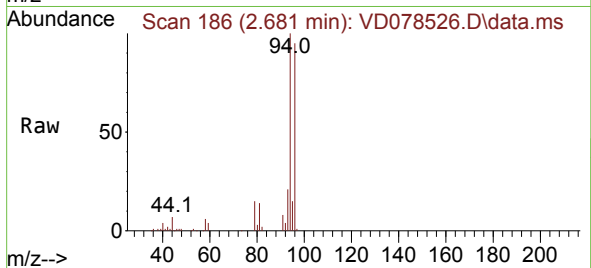




#5
Bromomethane
Concen: 48.284 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

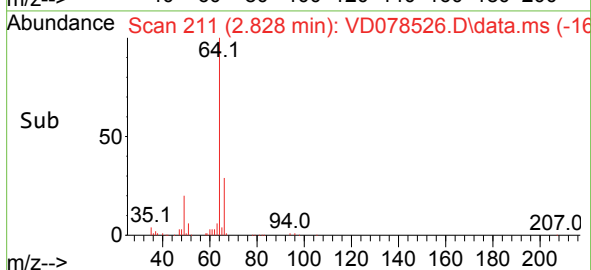
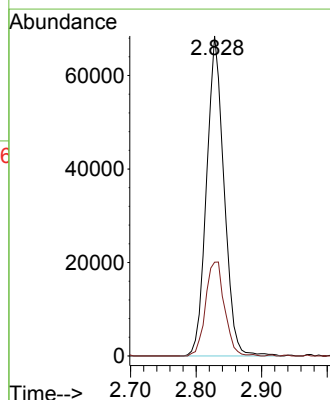
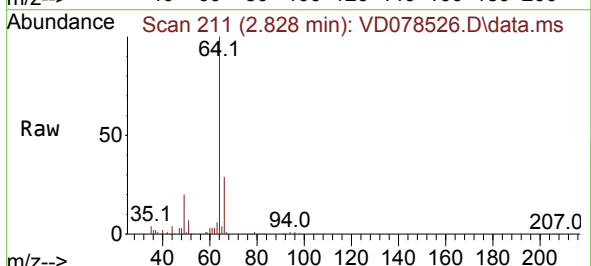
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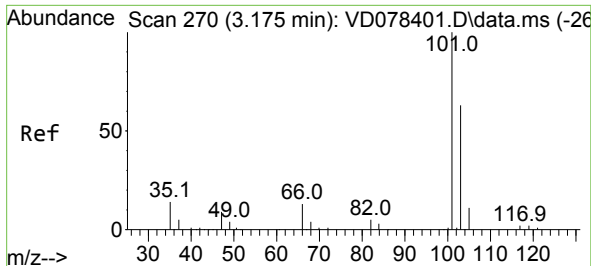
Tgt Ion: 94 Resp: 94095
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.8



#6
Chloroethane
Concen: 61.681 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 64 Resp: 126985
Ion Ratio Lower Upper
64 100
66 29.3 25.5 38.3

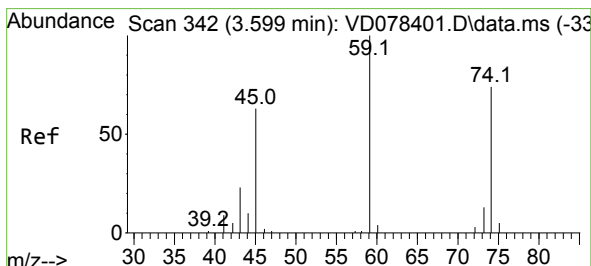
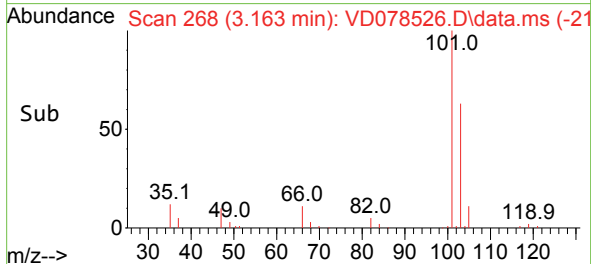
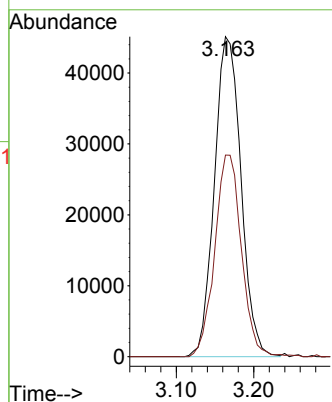
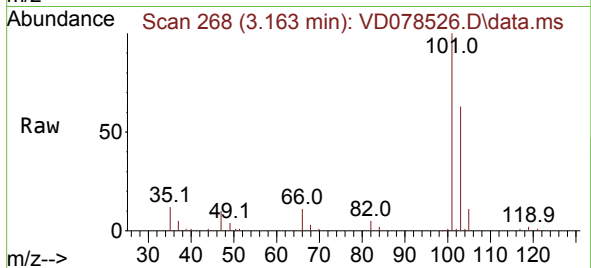




#7
Trichlorofluoromethane
Concen: 56.534 ug/l
RT: 3.163 min Scan# 201
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

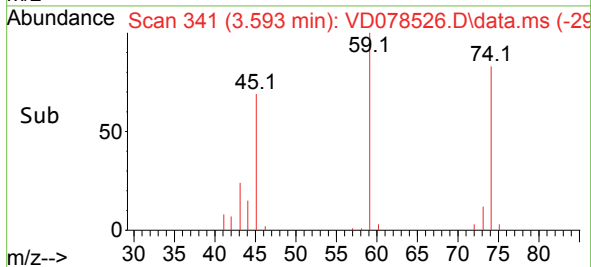
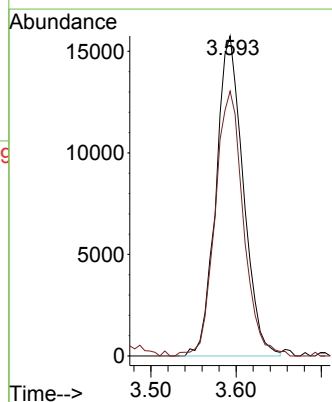
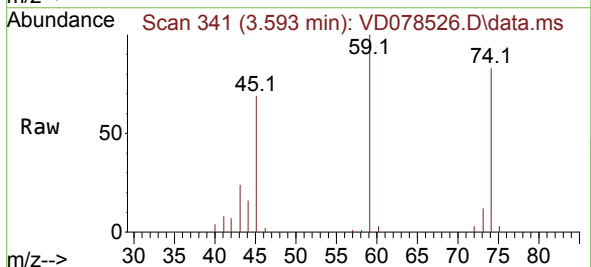
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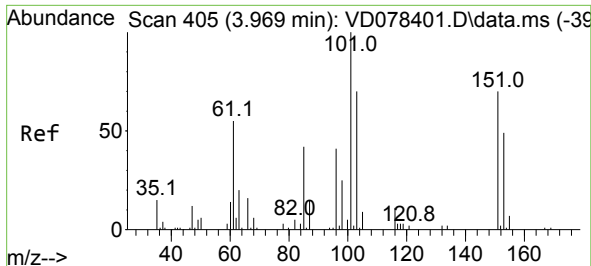
Tgt Ion:101 Resp: 107669
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5



#8
Diethyl Ether
Concen: 63.734 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 74 Resp: 34962
Ion Ratio Lower Upper
74 100
45 85.9 37.5 112.7

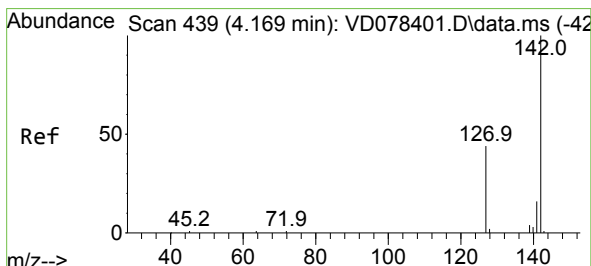
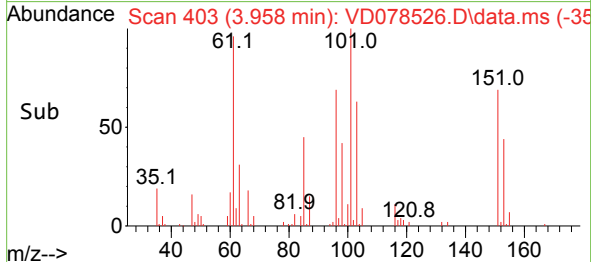
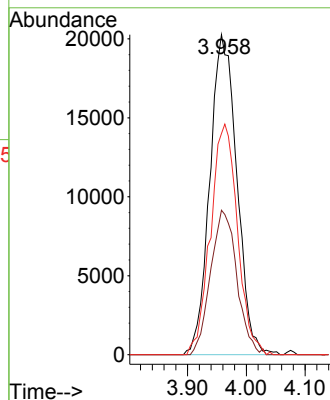
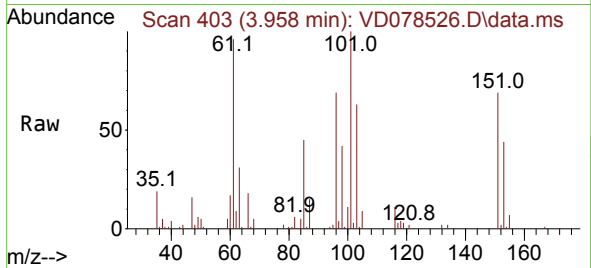




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.864 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

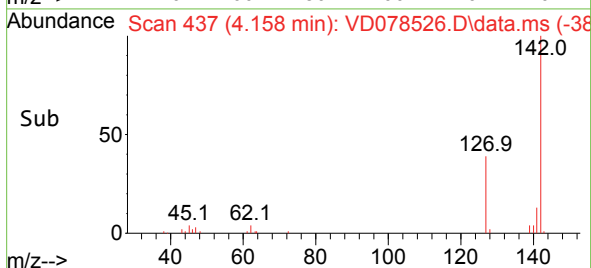
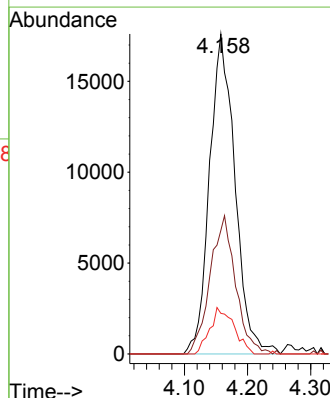
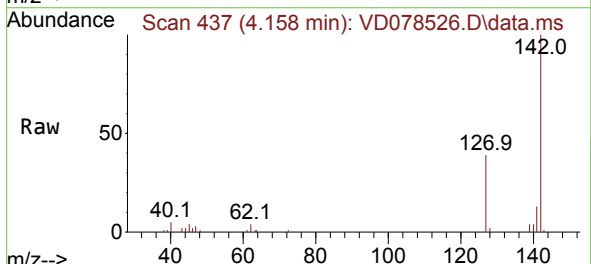
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

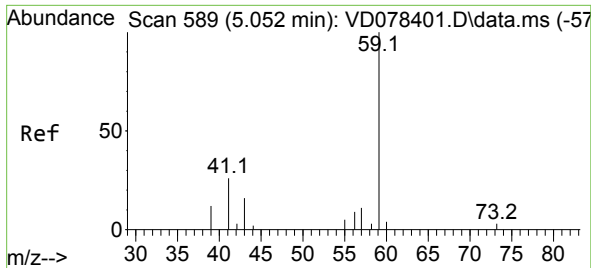
Tgt Ion:101 Resp: 64716
Ion Ratio Lower Upper
101 100
85 43.9 33.8 50.6
151 72.0 59.8 89.6



#10
Methyl Iodide
Concen: 45.787 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:142 Resp: 49272
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 13.7 11.1 16.7

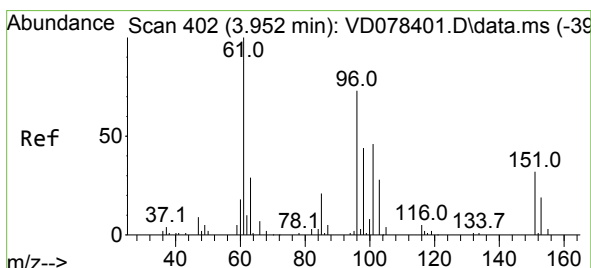
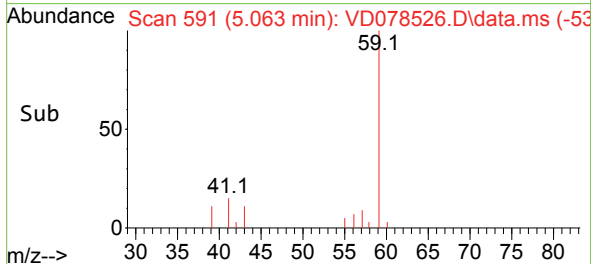
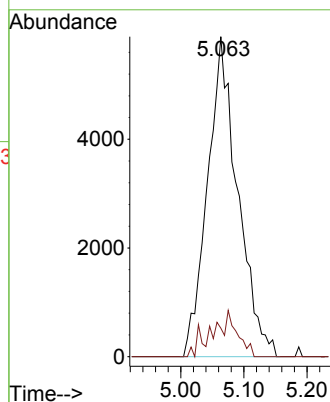
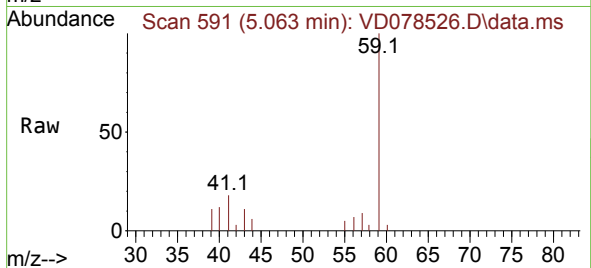




#11
Tert butyl alcohol
Concen: 328.888 ug/l
RT: 5.063 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

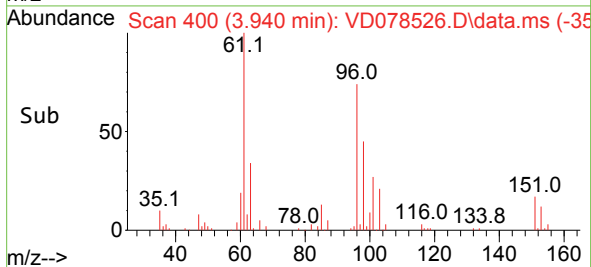
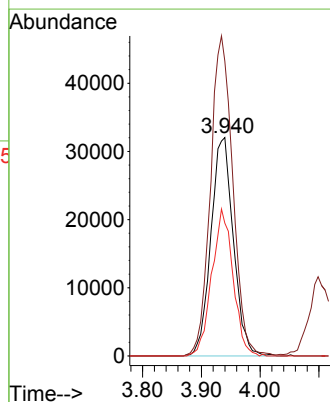
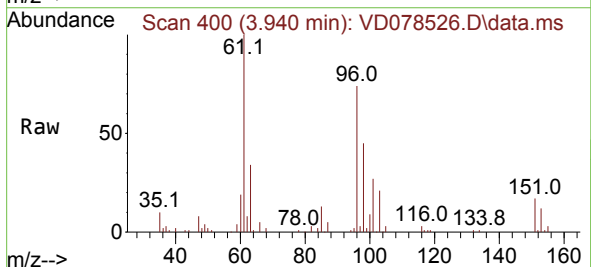
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

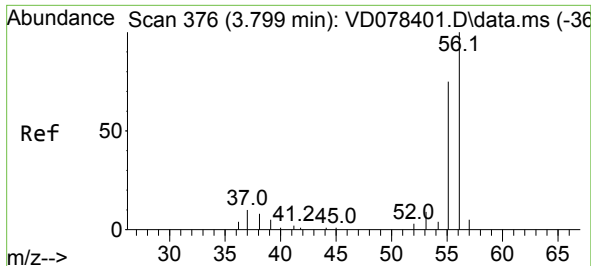
Tgt Ion: 59 Resp: 19587
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 76.391 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 96 Resp: 85092
Ion Ratio Lower Upper
96 100
61 135.0 100.6 150.8
98 60.8 50.2 75.2





#13

Acrolein

Concen: 7.730 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078526.D

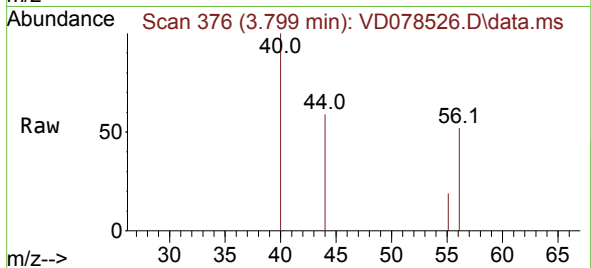
Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

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

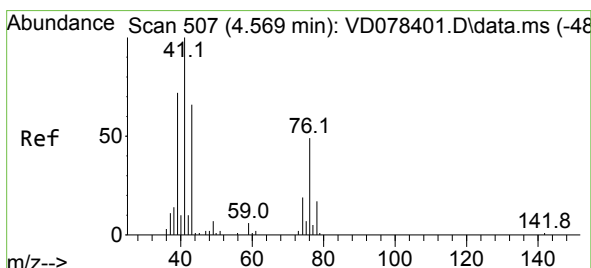
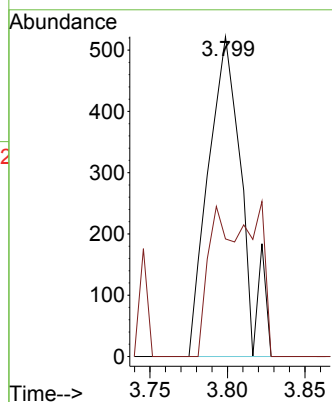


Tgt Ion: 56 Resp: 789

Ion Ratio Lower Upper

56 100

55 35.0 55.1 82.7#



#14

Allyl chloride

Concen: 46.014 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

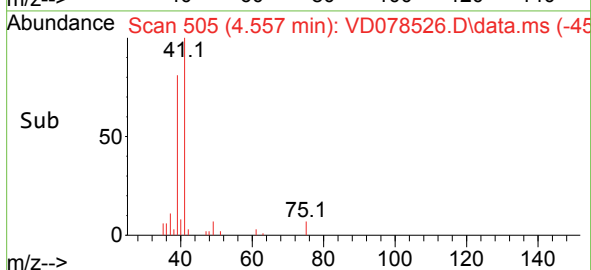
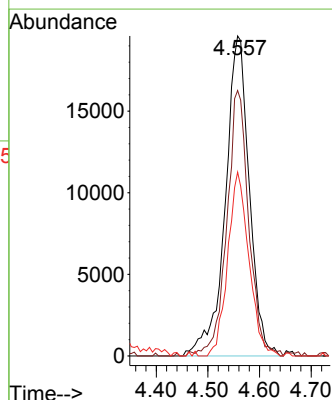
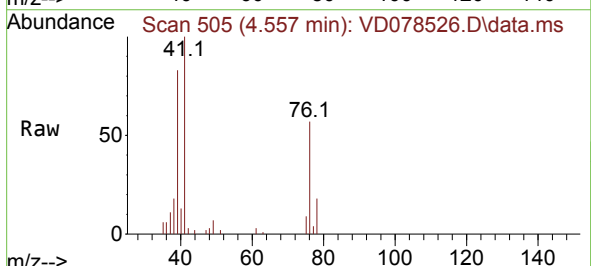
Tgt Ion: 41 Resp: 63319

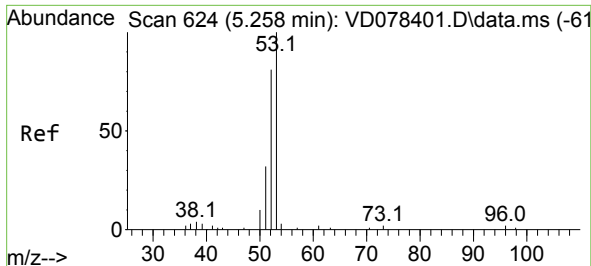
Ion Ratio Lower Upper

41 100

39 75.8 53.8 80.6

76 50.7 45.8 68.8

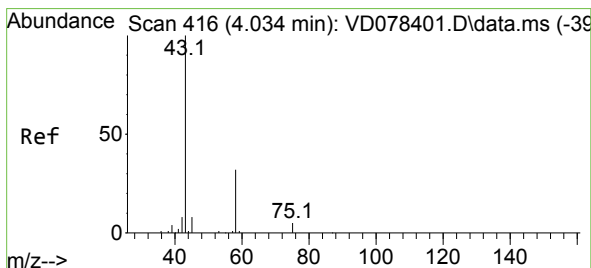
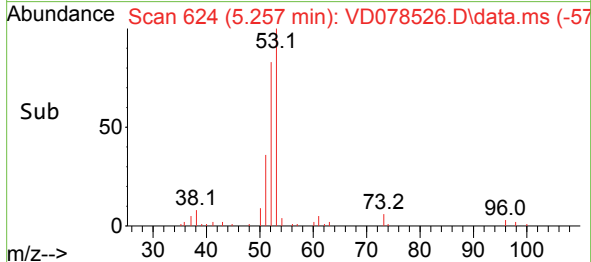
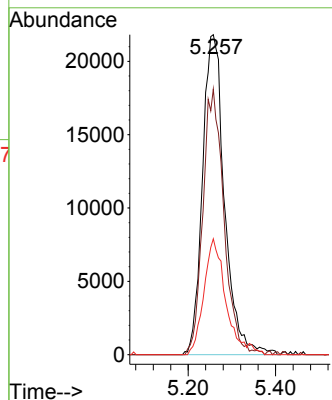
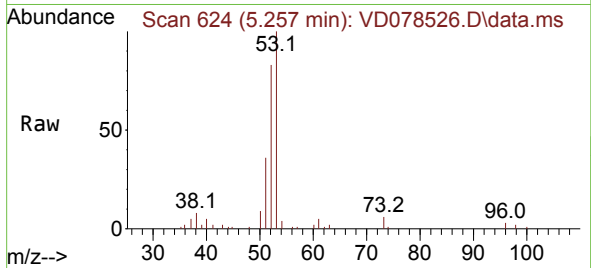




#15
Acrylonitrile
Concen: 326.031 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

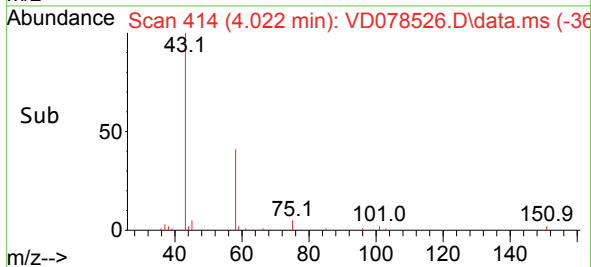
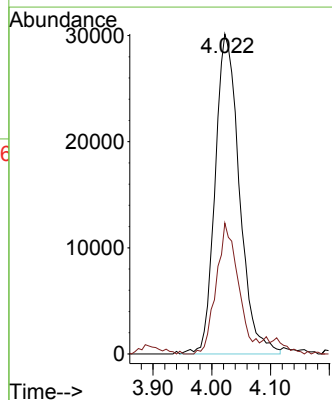
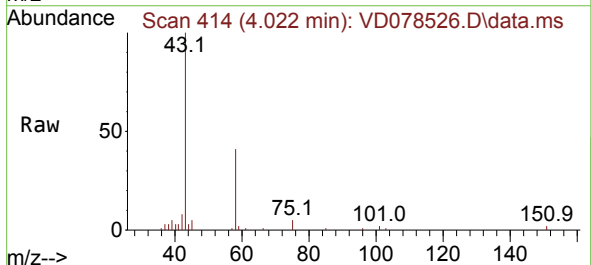
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

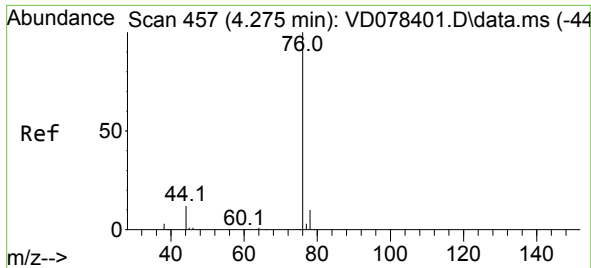
Tgt Ion: 53	Resp: 76562
Ion Ratio	Lower Upper
53 100	
52 78.9	65.0 97.4
51 36.1	28.3 42.5



#16
Acetone
Concen: 436.278 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 43	Resp: 86545
Ion Ratio	Lower Upper
43 100	
58 40.1	34.7 52.1

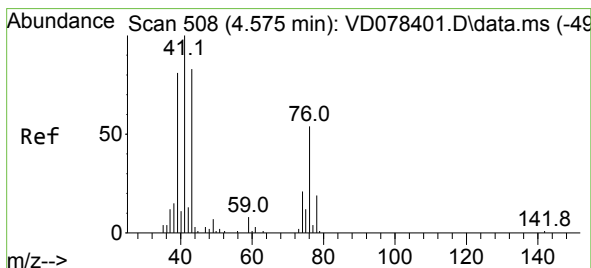
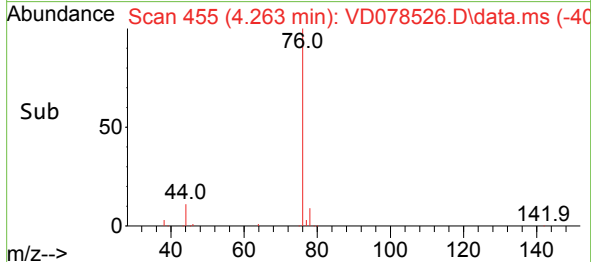
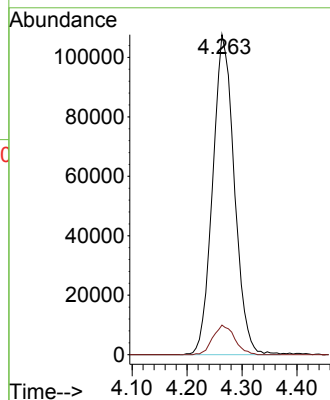
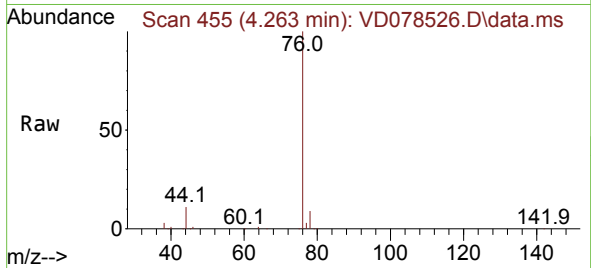




#17
Carbon Disulfide
Concen: 78.709 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

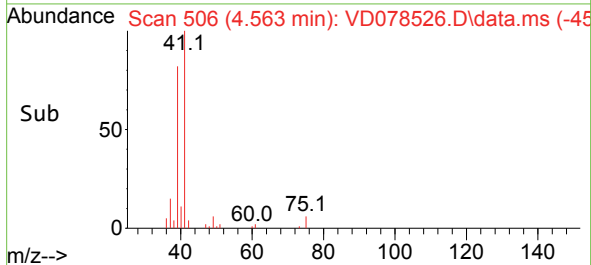
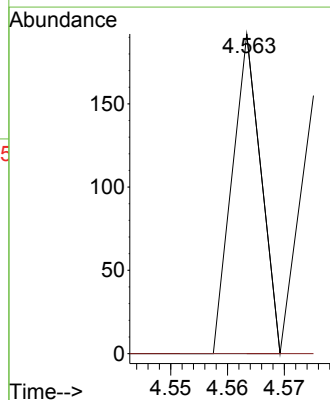
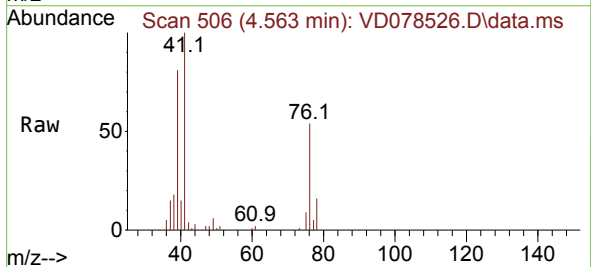
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

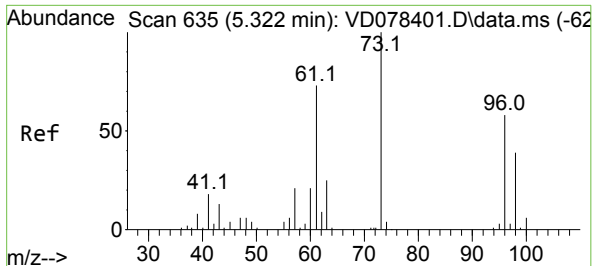
Tgt Ion: 76 Resp: 295015
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 4.019 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 67.806 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

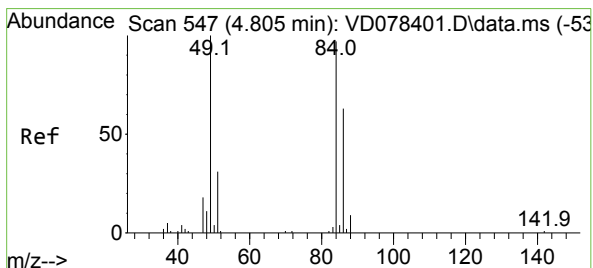
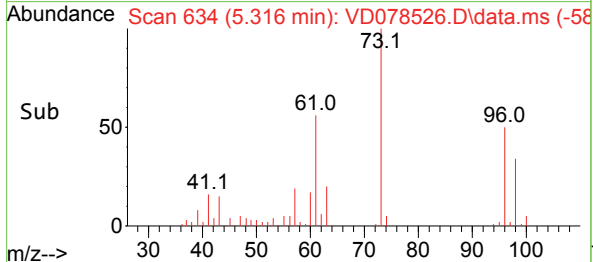
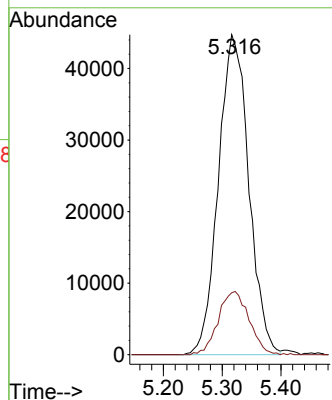
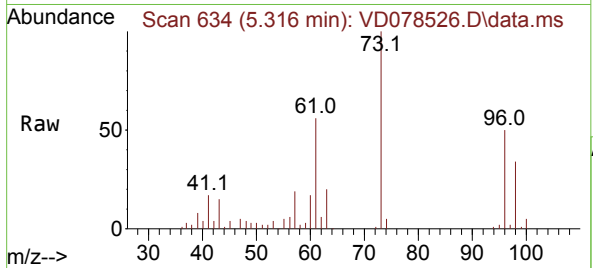
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 73 Resp: 160471

Ion Ratio Lower Upper

73 100

57 19.4 16.6 25.0



#20

Methylene Chloride

Concen: 81.952 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Tgt Ion: 84 Resp: 100095

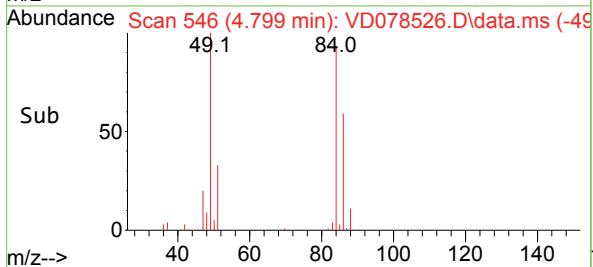
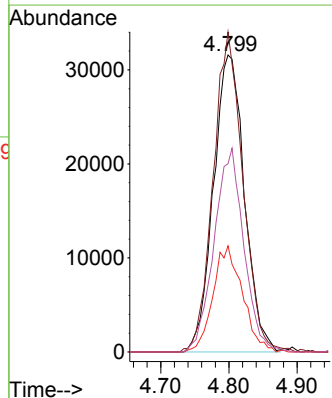
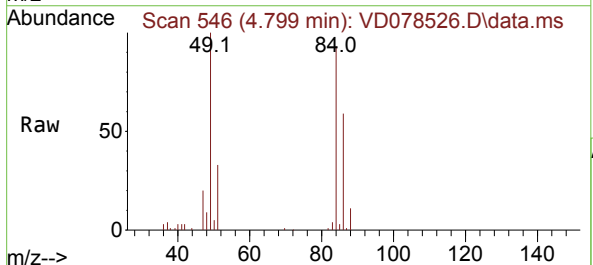
Ion Ratio Lower Upper

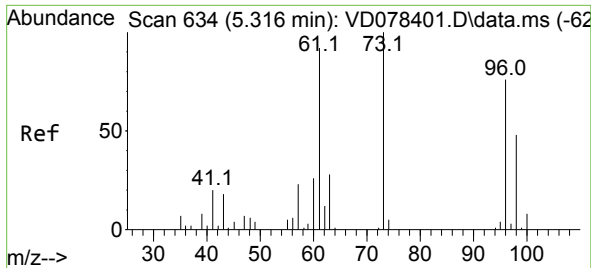
84 100

49 107.8 71.4 107.2#

51 35.7 24.5 36.7

86 63.4 48.7 73.1

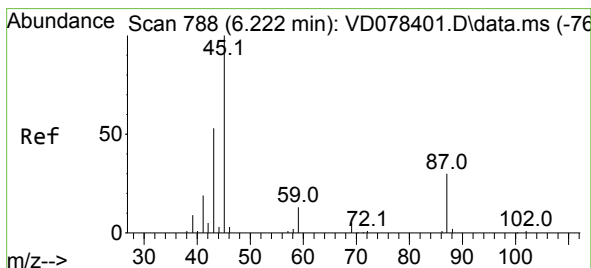
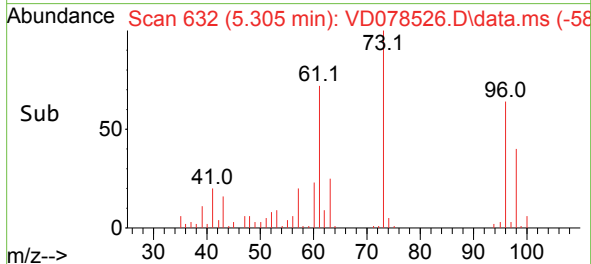
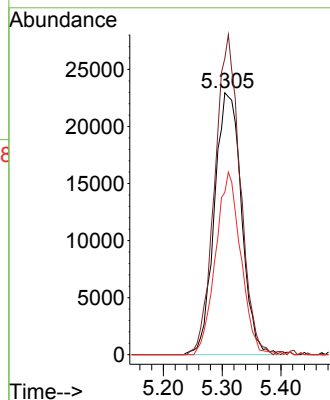
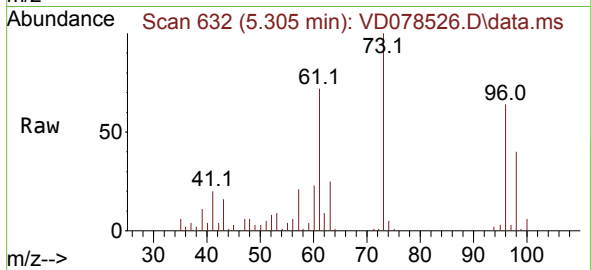




#21
trans-1,2-Dichloroethene
Concen: 55.853 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

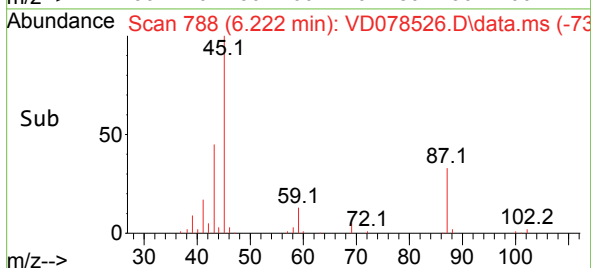
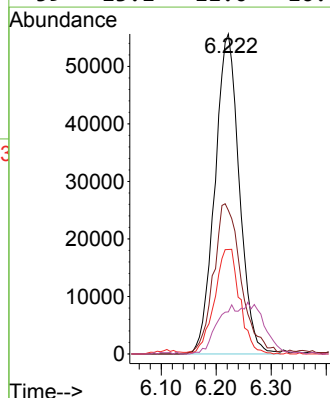
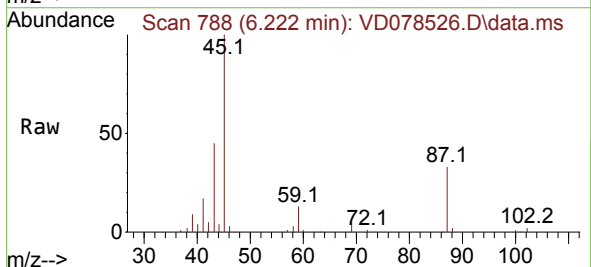
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

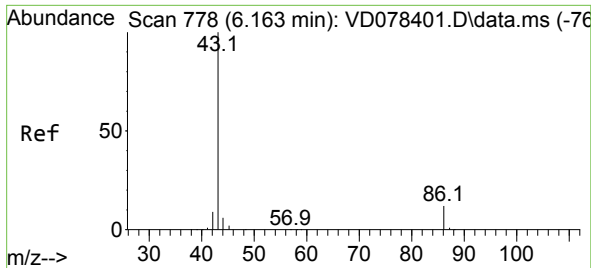
Tgt Ion: 96 Resp: 73190
Ion Ratio Lower Upper
96 100
61 113.1 89.3 133.9
98 62.0 48.6 73.0



#22
Diisopropyl ether
Concen: 56.625 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 45 Resp: 171742
Ion Ratio Lower Upper
45 100
43 44.9 40.0 60.0
87 32.7 28.2 42.4
59 13.1 11.0 16.4

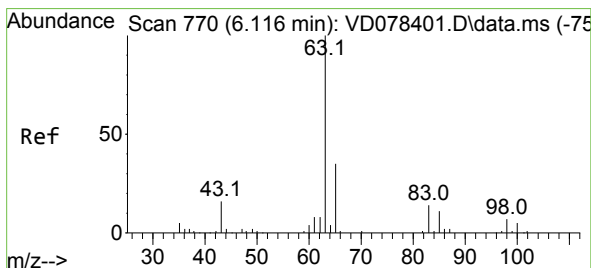
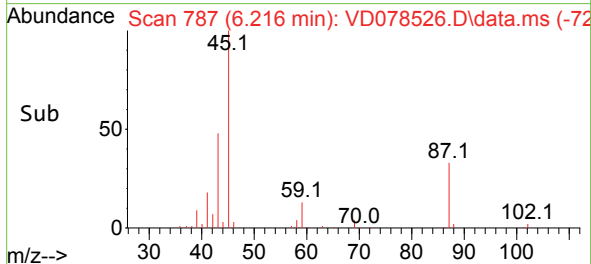
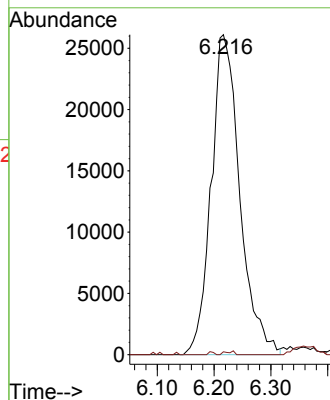
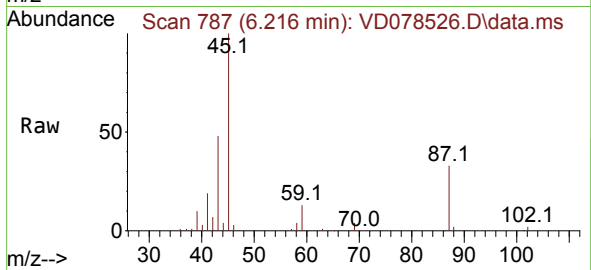




#23
Vinyl Acetate
Concen: 63.042 ug/l
RT: 6.216 min Scan# 714
Delta R.T. 0.053 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

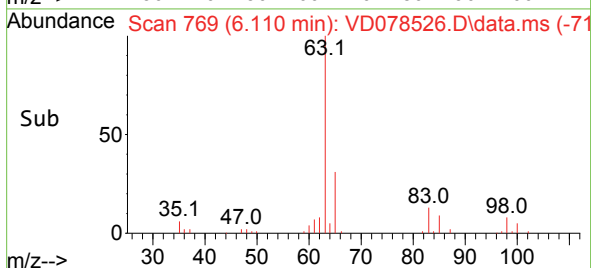
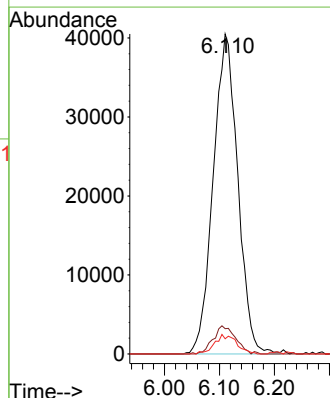
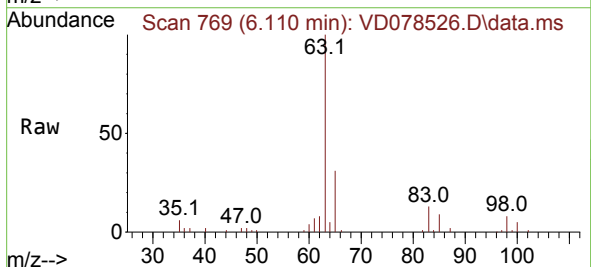
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

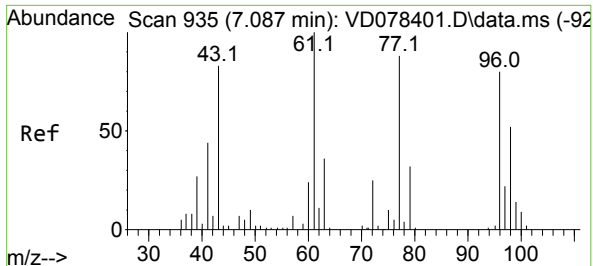
Tgt Ion: 43 Resp: 91395
Ion Ratio Lower Upper
43 100
86 0.9 12.5 18.7#



#24
1,1-Dichloroethane
Concen: 58.456 ug/l
RT: 6.110 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 63 Resp: 125596
Ion Ratio Lower Upper
63 100
98 7.9 4.5 13.7
100 4.7 2.5 7.5

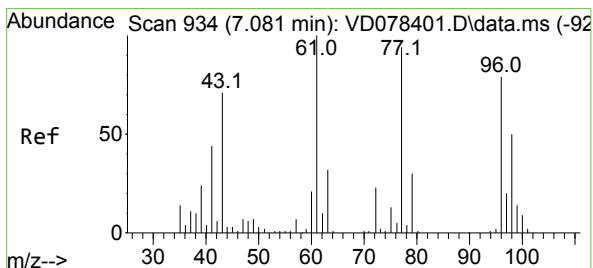
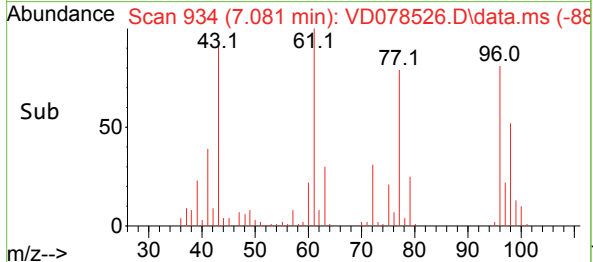
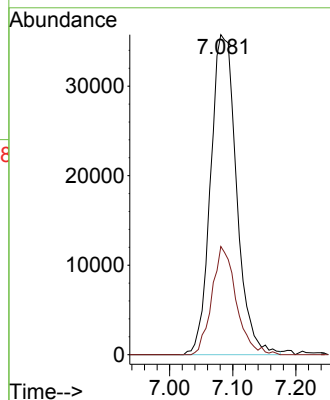
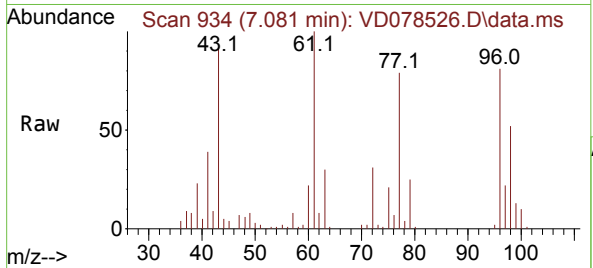




#25
2-Butanone
Concen: 372.041 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

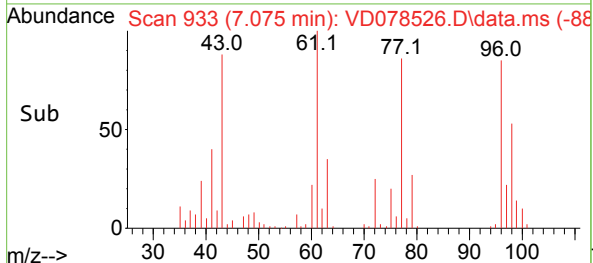
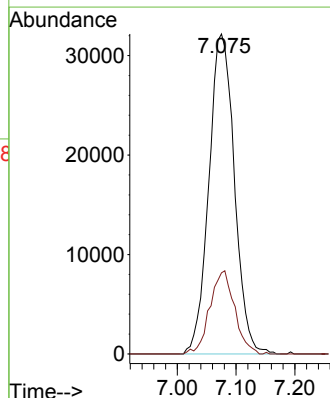
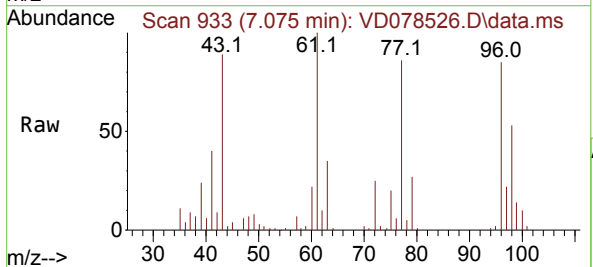
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

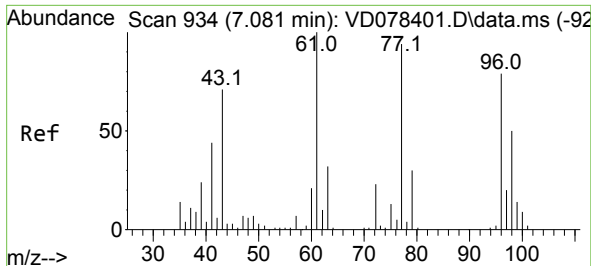
Tgt Ion: 43 Resp: 101996
Ion Ratio Lower Upper
43 100
72 33.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 53.930 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 77 Resp: 97136
Ion Ratio Lower Upper
77 100
97 25.2 13.2 39.6



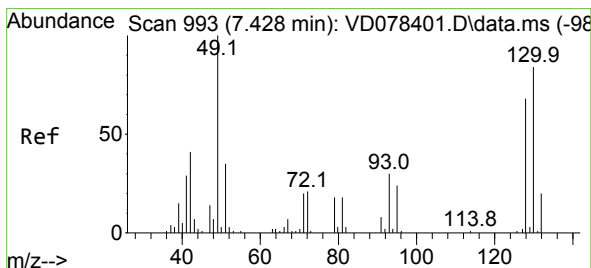
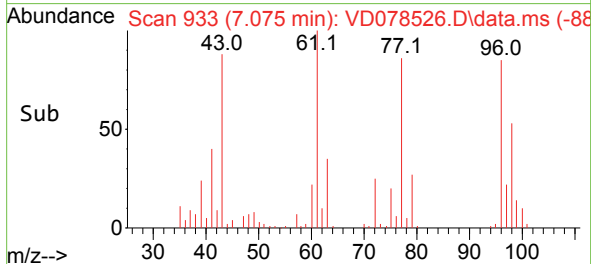
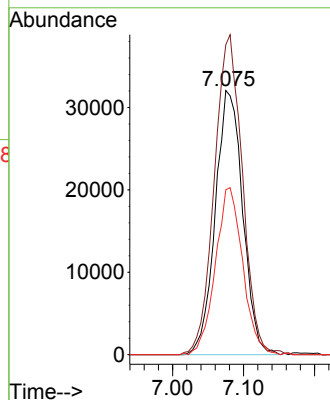
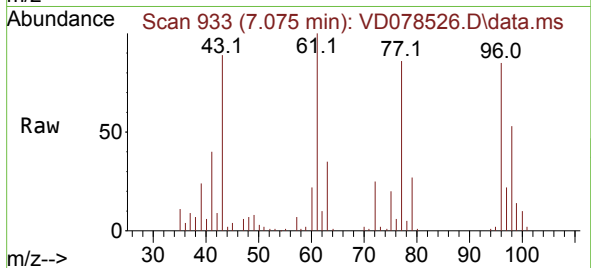


#27
 cis-1,2-Dichloroethene
 Concen: 59.669 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

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

Tgt Ion: 96 Resp: 85787

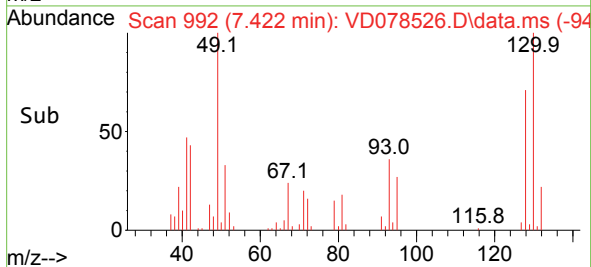
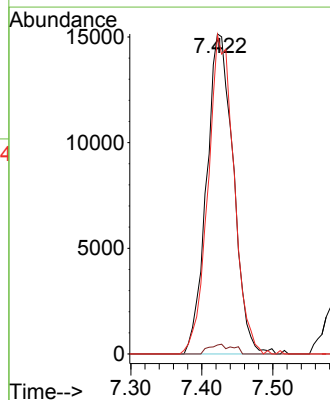
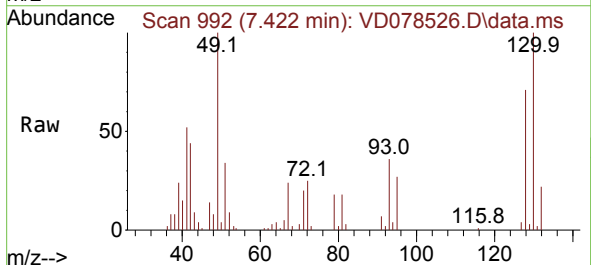
Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	239.2
98	63.1	0.0	128.6

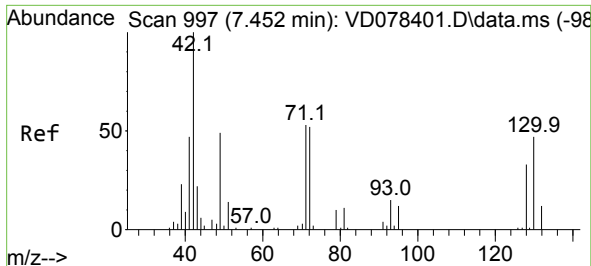


#28
 Bromochloromethane
 Concen: 46.621 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

Tgt Ion: 49 Resp: 39674

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	6.0
130	96.4	83.2	124.8





#29

Tetrahydrofuran

Concen: 349.152 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078526.D

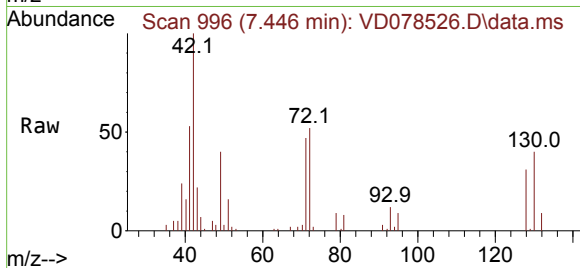
Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

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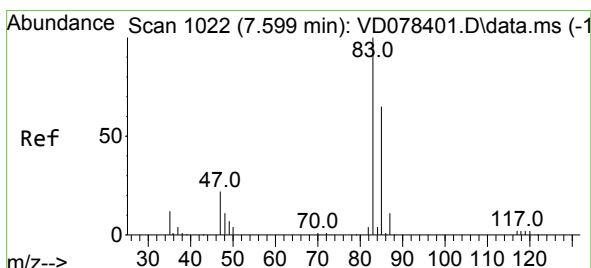
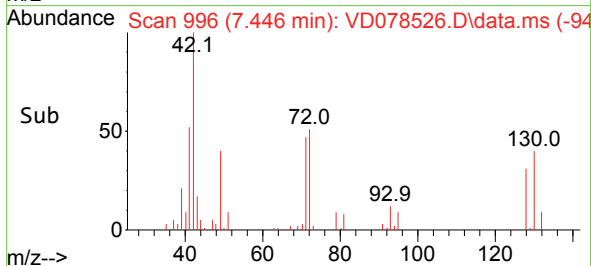
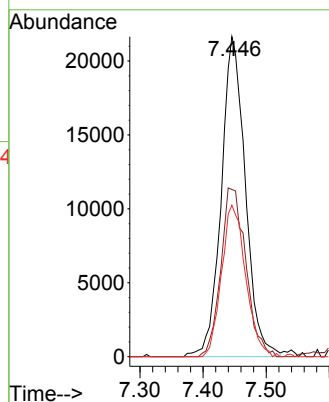
Tgt Ion: 42 Resp: 57367

Ion Ratio Lower Upper

42 100

72 54.8 46.5 69.7

71 47.6 44.5 66.7



#30

Chloroform

Concen: 59.879 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078526.D

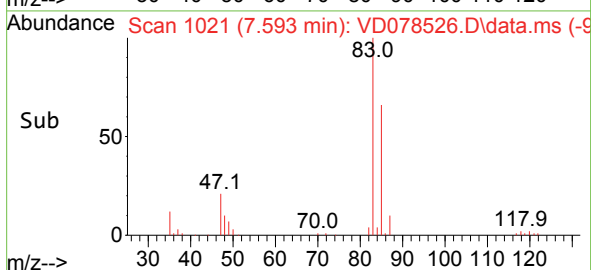
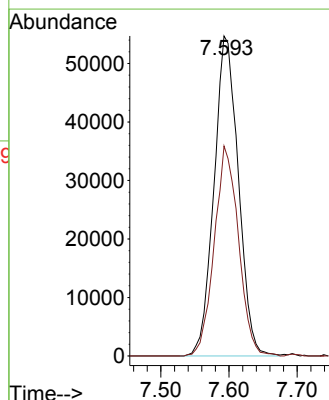
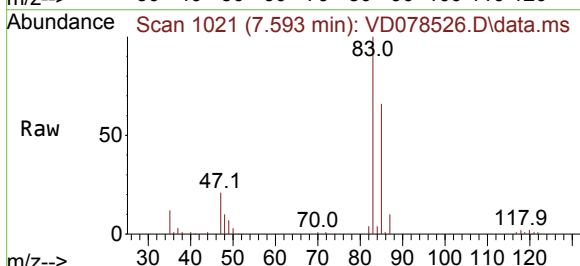
Acq: 22 Feb 2024 19:17

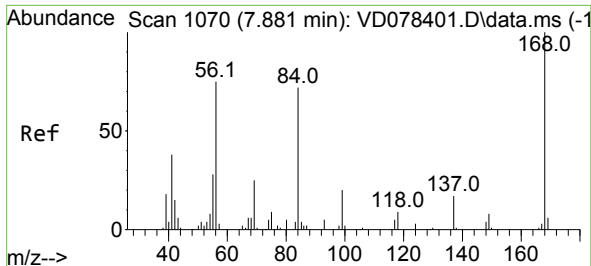
Tgt Ion: 83 Resp: 136121

Ion Ratio Lower Upper

83 100

85 65.6 53.4 80.2

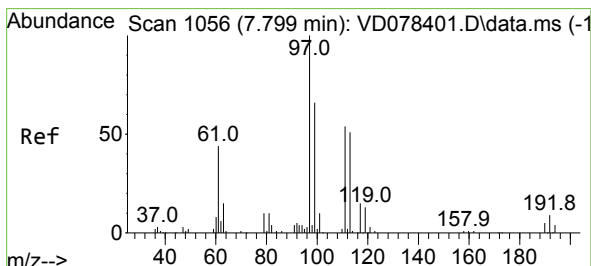
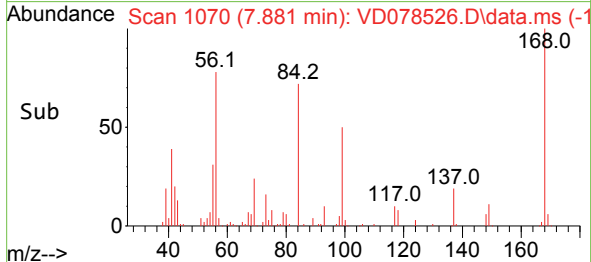
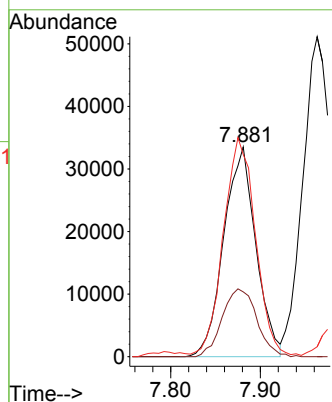
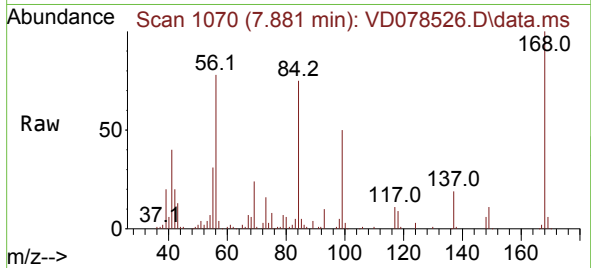




#31
Cyclohexane
Concen: 44.483 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

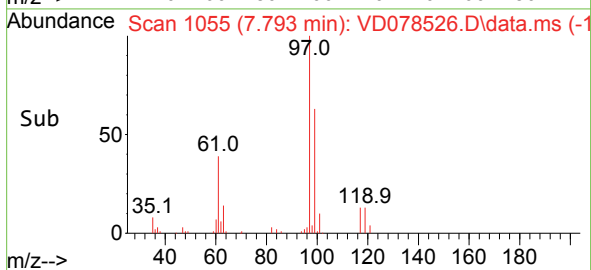
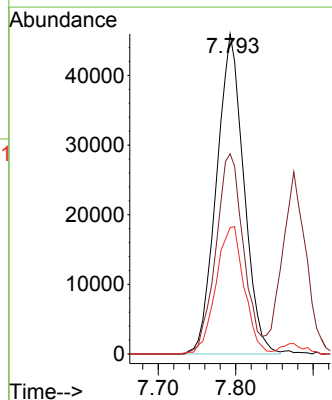
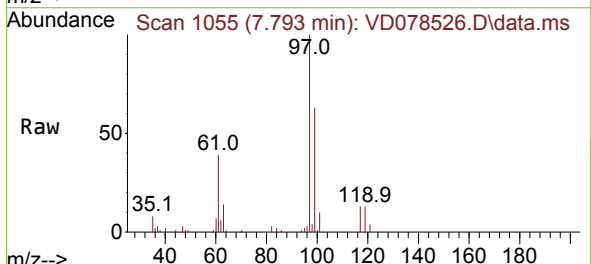
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

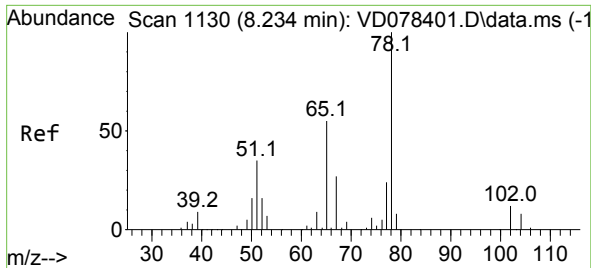
Tgt Ion: 56 Resp: 83135
Ion Ratio Lower Upper
56 100
69 30.9 28.6 43.0
84 94.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 58.017 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 97 Resp: 112447
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 41.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.990 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

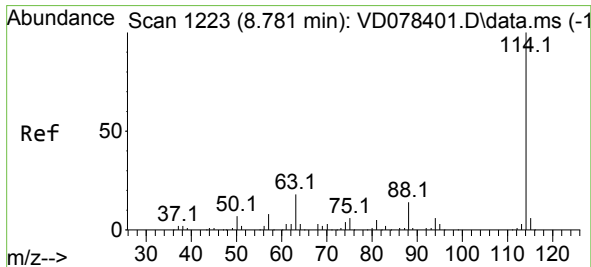
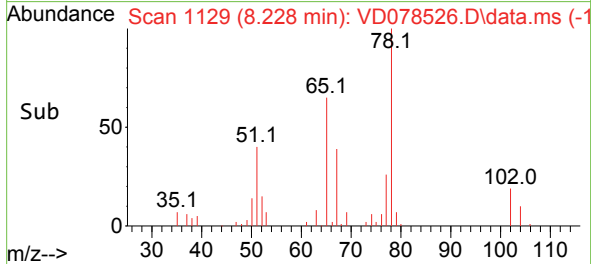
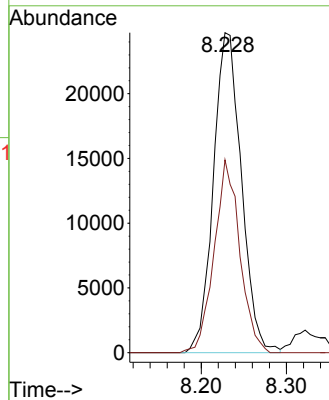
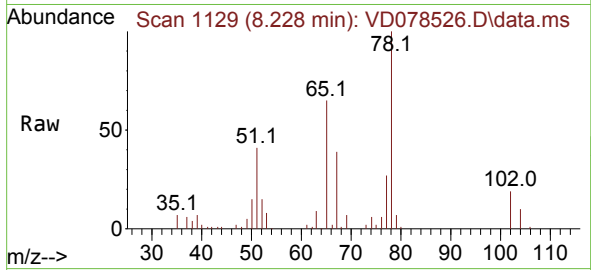
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 65 Resp: 56335

Ion Ratio Lower Upper

65 100

67 55.1 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: VD078526.D

Acq: 22 Feb 2024 19:17

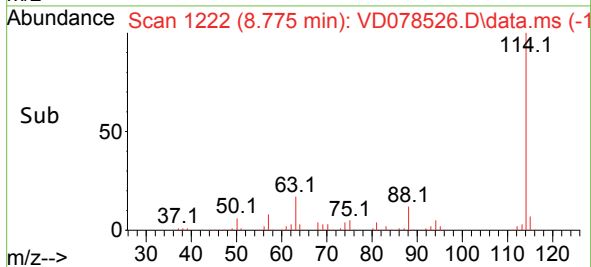
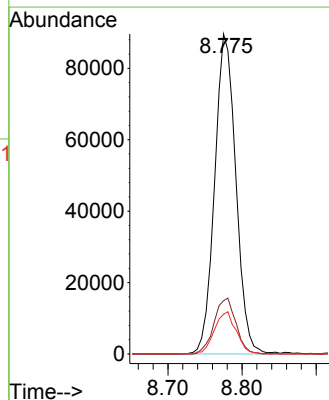
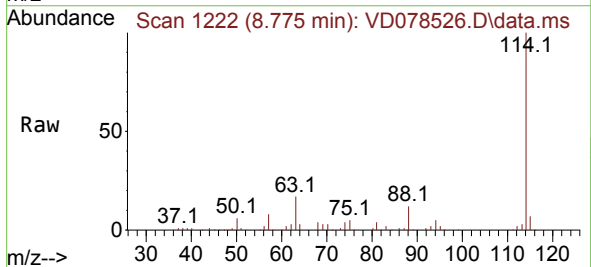
Tgt Ion: 114 Resp: 177993

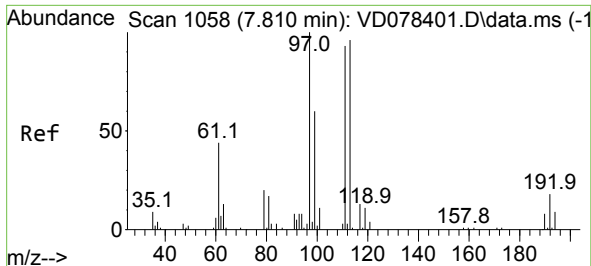
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 12.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 1.672 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.194 min

Lab File: VD078526.D

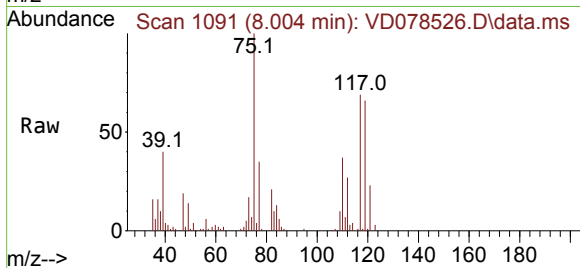
Acq: 22 Feb 2024 19:17

Instrument :

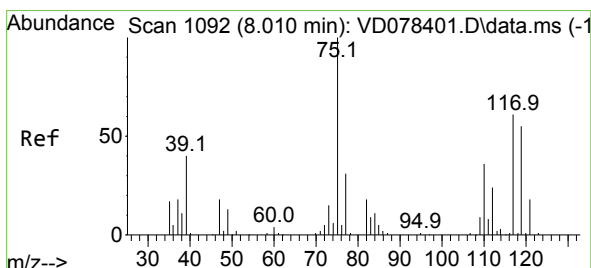
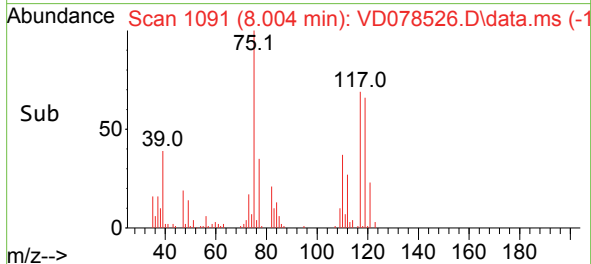
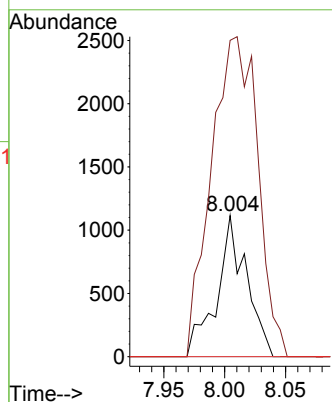
MSVOA_D

ClientSampleId :

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



Tgt Ion:	113	Resp:	1890
Ion	Ratio	Lower	Upper
113	100		
111	354.9	84.7	127.1#
192	0.0	16.8	25.2#



#36

1,1-Dichloropropene

Concen: 53.857 ug/l

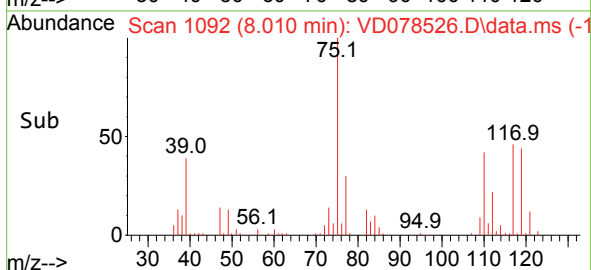
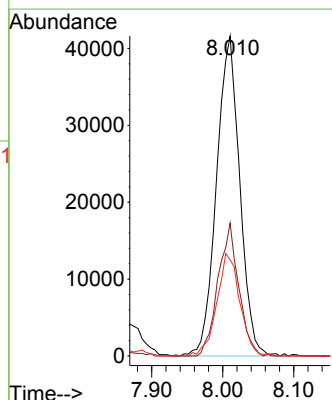
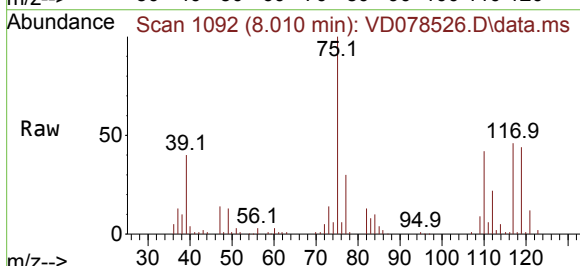
RT: 8.010 min Scan# 1092

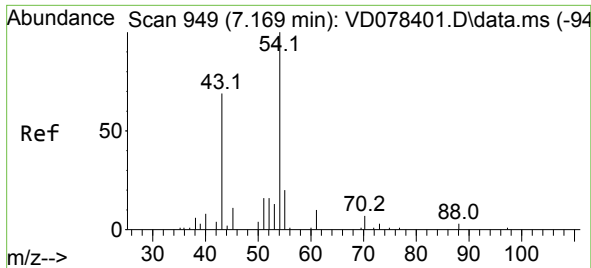
Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Tgt Ion:	75	Resp:	94597
Ion	Ratio	Lower	Upper
75	100		
110	36.9	19.9	59.6
77	31.7	24.7	37.1

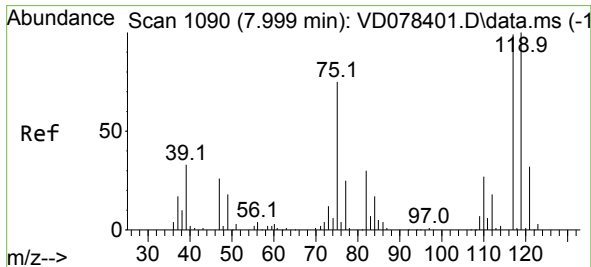
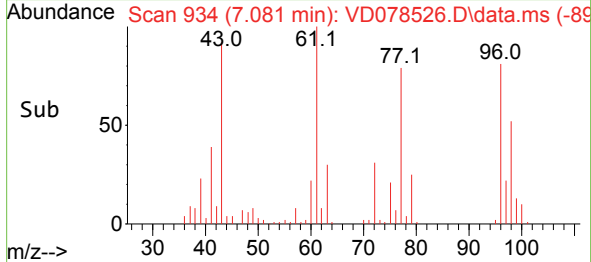
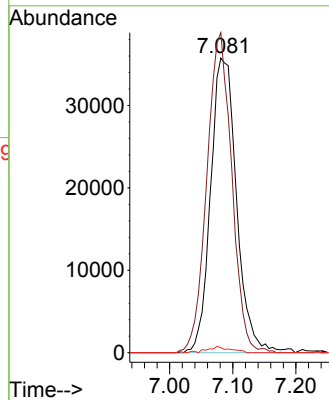
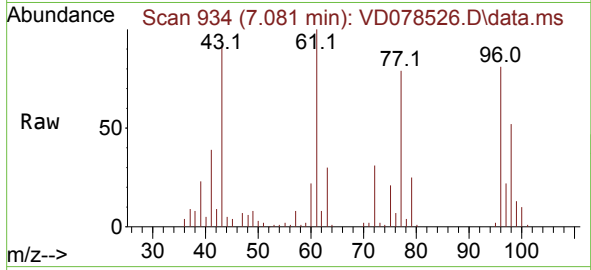




#37
Ethyl Acetate
Concen: 165.656 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.088 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

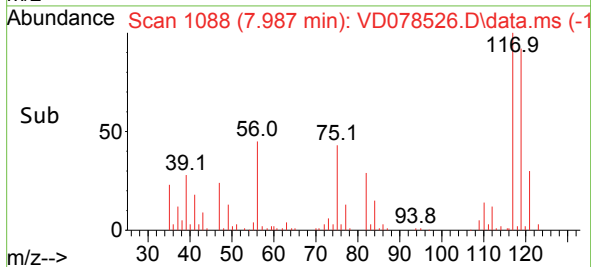
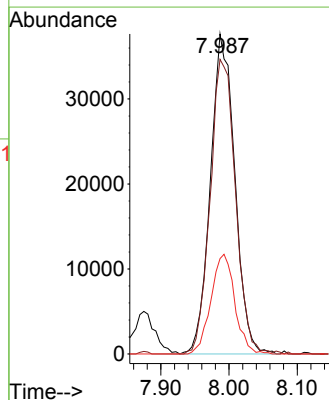
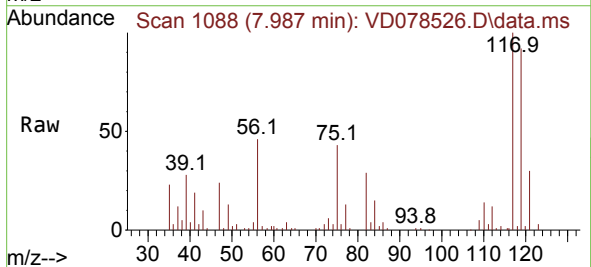
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

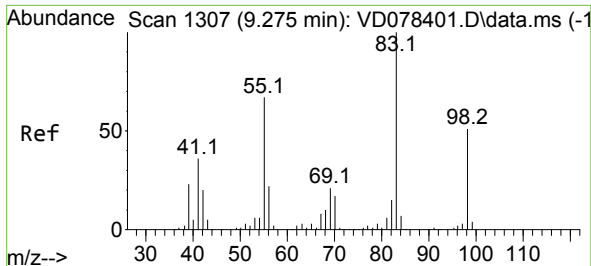
Tgt Ion: 43 Resp: 101996
Ion Ratio Lower Upper
43 100
61 104.3 14.9 22.3#
70 1.8 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 53.944 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 117 Resp: 93832
Ion Ratio Lower Upper
117 100
119 92.1 78.0 117.0
121 29.8 24.2 36.2

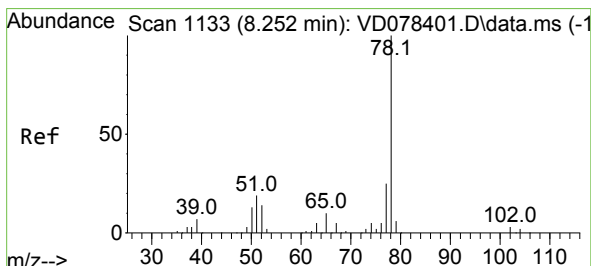
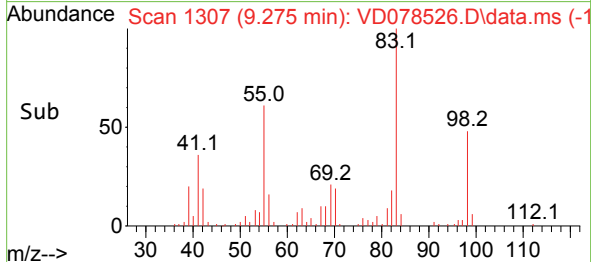
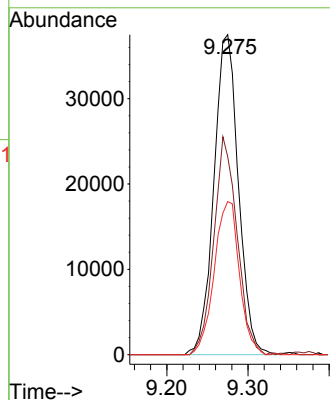
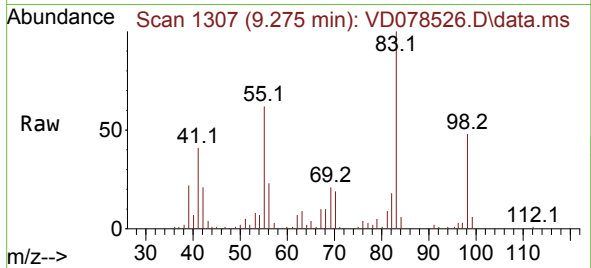




#39
Methylcyclohexane
Concen: 37.750 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

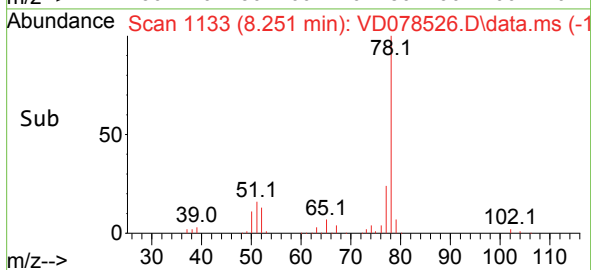
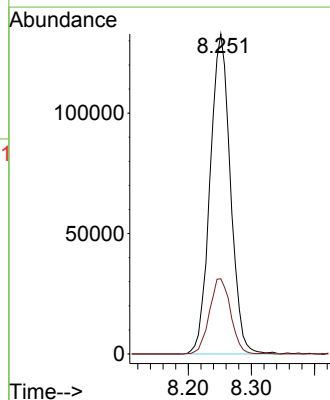
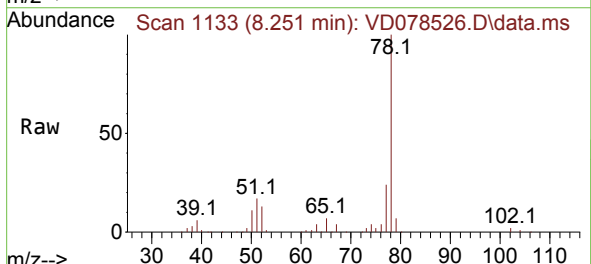
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

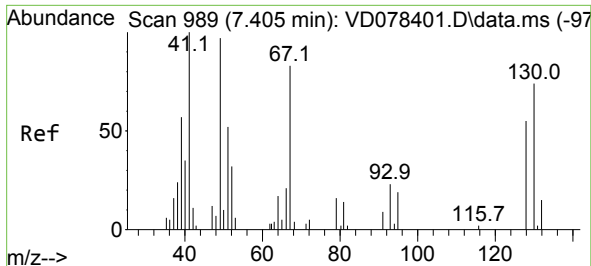
Tgt Ion: 83	Resp: 78716
Ion Ratio	Lower Upper
83	100
55	61.9 49.4 74.0
98	47.9 38.4 57.6



#40
Benzene
Concen: 58.464 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 78	Resp: 296814
Ion Ratio	Lower Upper
78	100
77	23.5 19.4 29.0

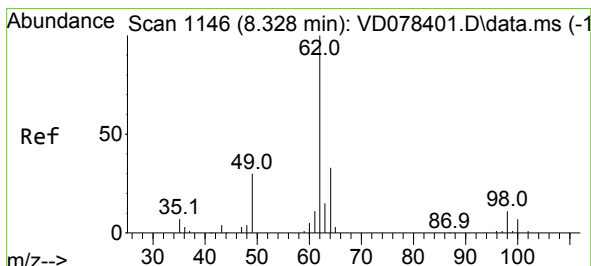
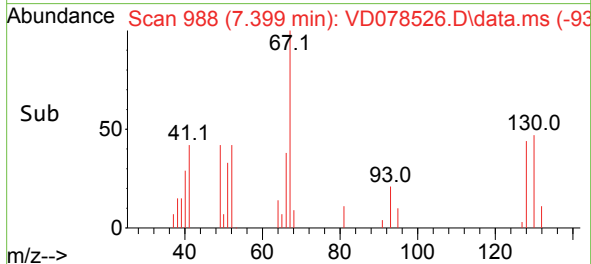
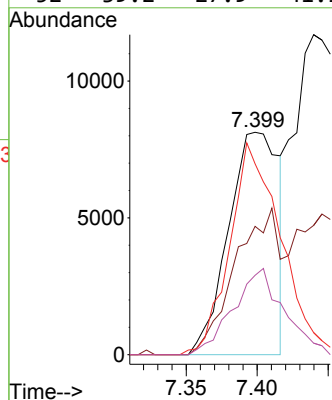
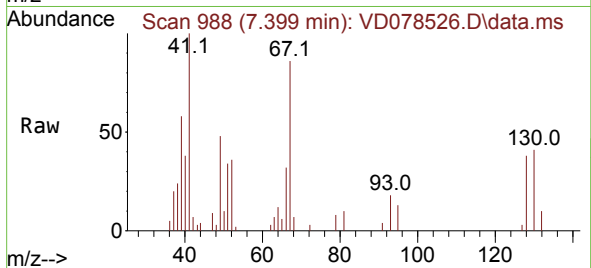




#41
Methacrylonitrile
Concen: 62.402 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

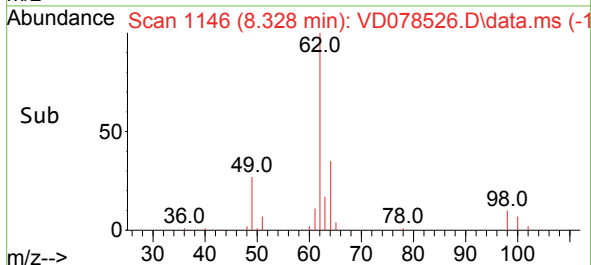
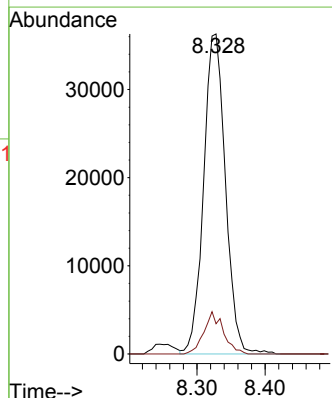
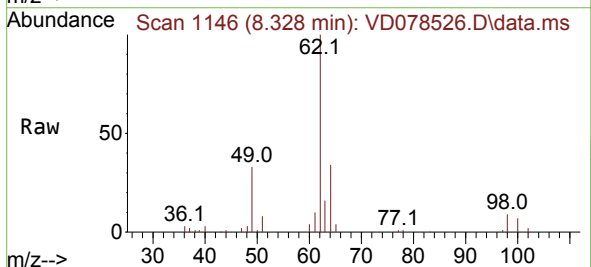
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

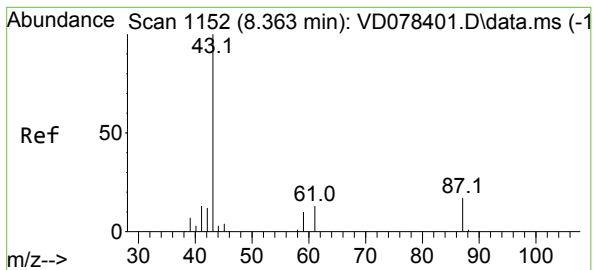
Tgt Ion:	41	Resp:	19996
Ion	Ratio	Lower	Upper
41	100		
39	63.8	34.0	51.0#
67	97.1	77.0	115.4
52	39.2	27.9	41.9



#42
1,2-Dichloroethane
Concen: 61.572 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:	62	Resp:	80883
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	25.4





#43

Isopropyl Acetate

Concen: 1.216 ug/l

RT: 8.369 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD078526.D

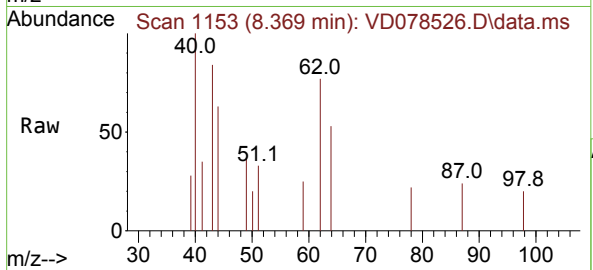
Acq: 22 Feb 2024 19:17

Instrument :

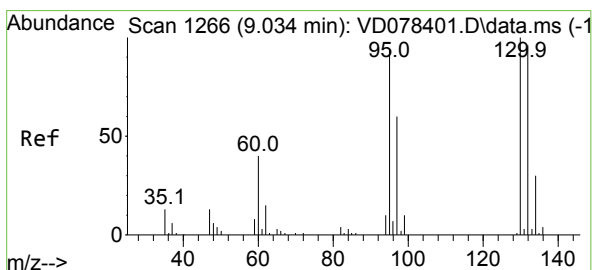
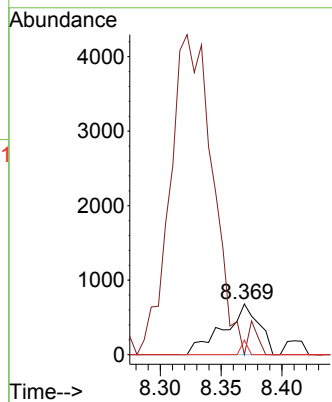
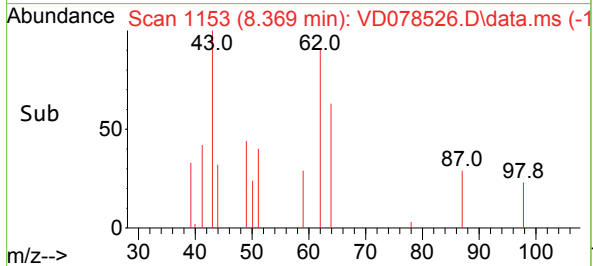
MSVOA_D

ClientSampleId :

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



Tgt Ion: 43	Resp: 1386
Ion Ratio	Lower Upper
43	100
61	0.0 31.4 47.0#
87	5.0 14.9 22.3#



#44

Trichloroethene

Concen: 111.368 ug/l

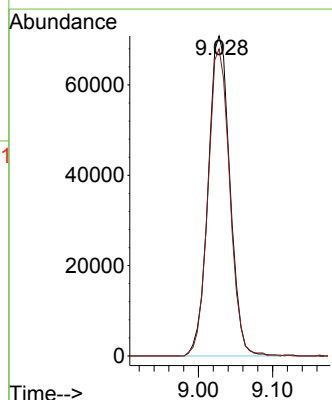
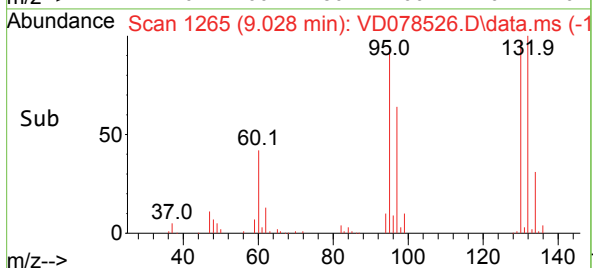
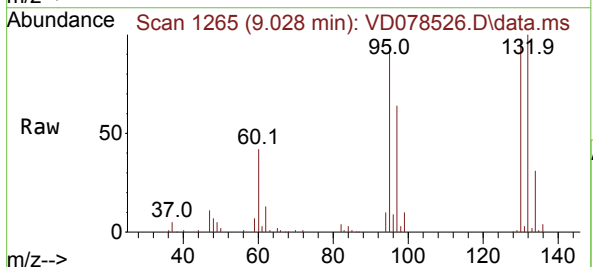
RT: 9.028 min Scan# 1265

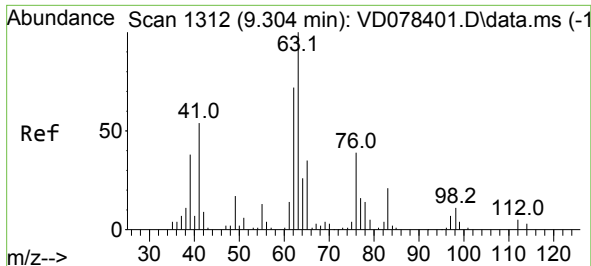
Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Tgt Ion: 130	Resp: 144244
Ion Ratio	Lower Upper
130	100
95	95.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 60.620 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

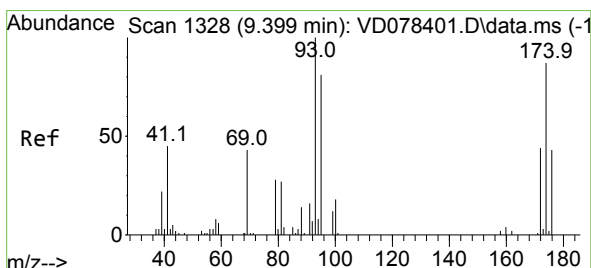
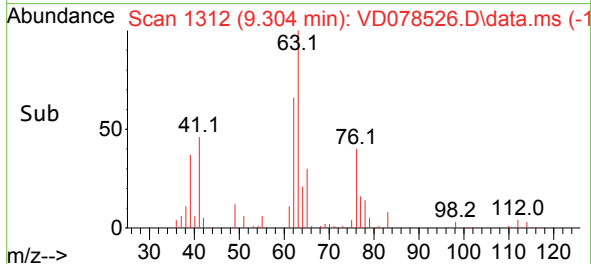
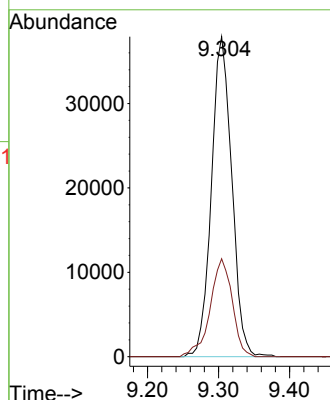
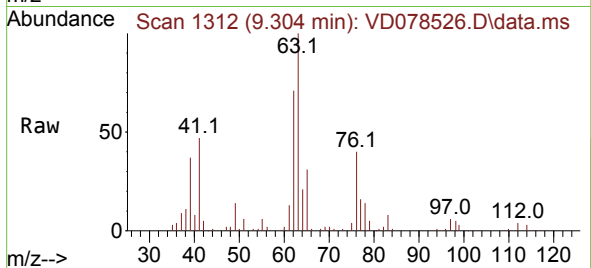
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 63 Resp: 75510

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



#46

Dibromomethane

Concen: 63.232 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

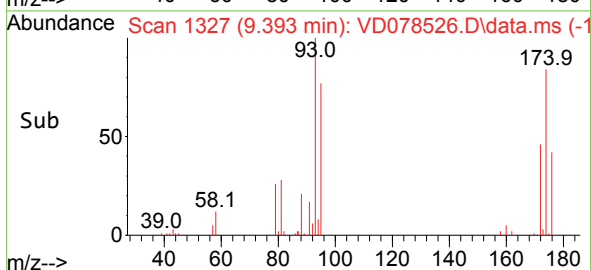
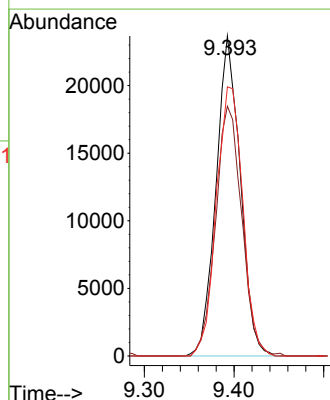
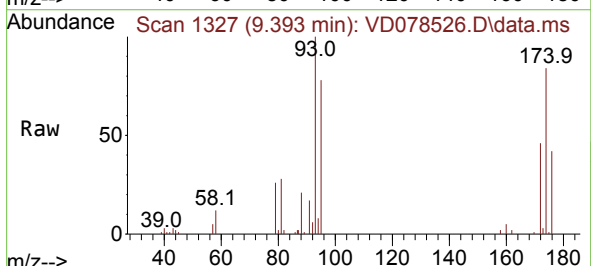
Tgt Ion: 93 Resp: 44302

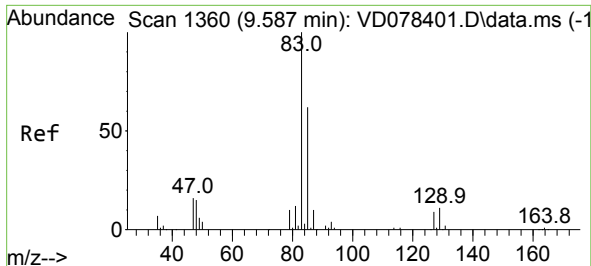
Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

174 91.6 85.4 128.2

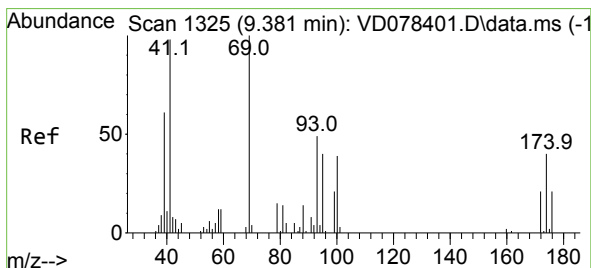
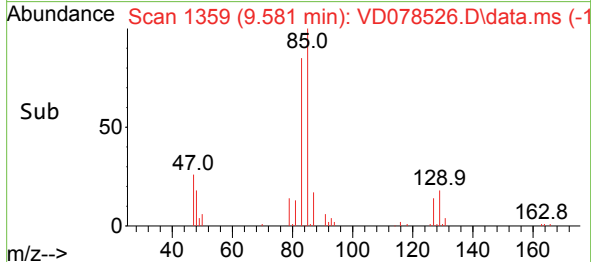
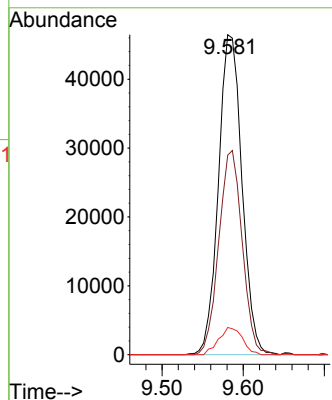
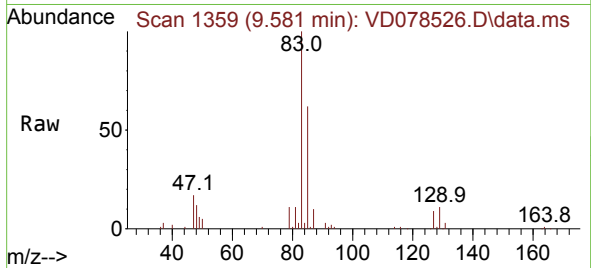




#47
Bromodichloromethane
Concen: 53.911 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

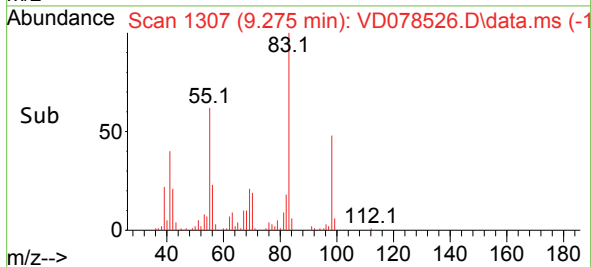
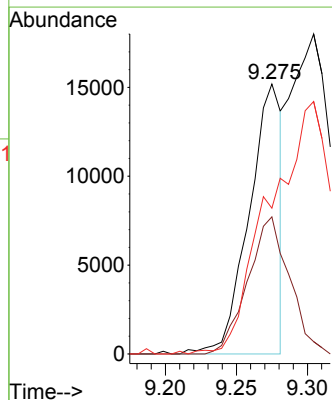
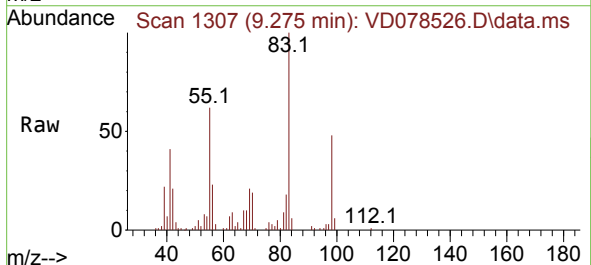
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

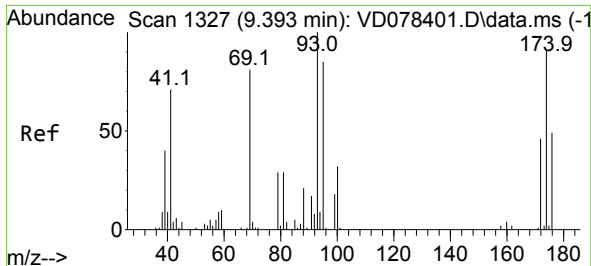
Tgt Ion: 83	Resp:	93554
Ion Ratio	Lower	Upper
83	100	
85	62.4	50.2 75.4
127	8.5	6.3 9.5



#48
Methyl methacrylate
Concen: 39.996 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. -0.106 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 41	Resp:	24193
Ion Ratio	Lower	Upper
41	100	
69	64.8	102.2 153.2#
39	0.0	41.4 62.2#





#49

1,4-Dioxane

Concen: 1618.048 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078526.D

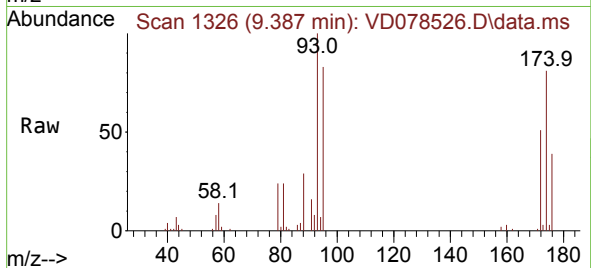
Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

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



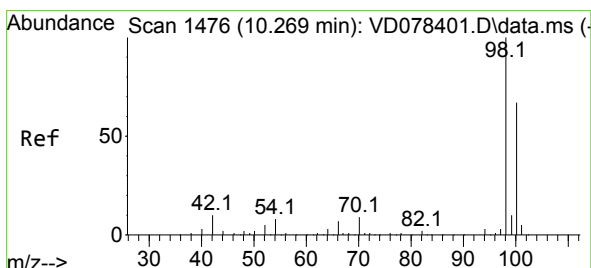
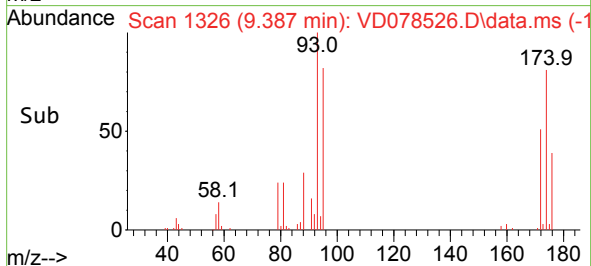
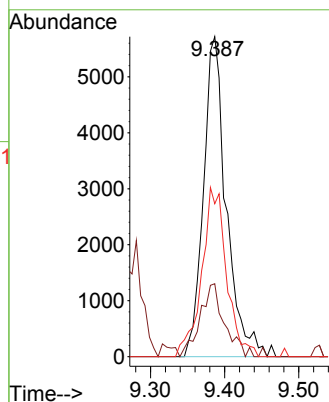
Tgt Ion: 88 Resp: 12277

Ion Ratio Lower Upper

88 100

43 24.4 19.0 28.6

58 57.1 43.5 65.3



#50

Toluene-d8

Concen: 48.030 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078526.D

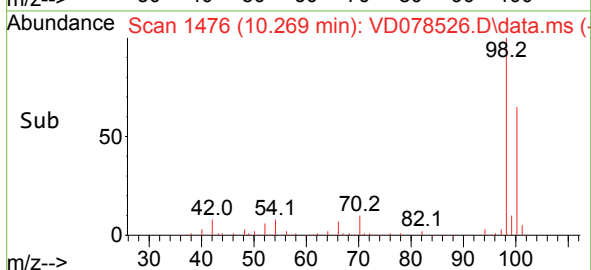
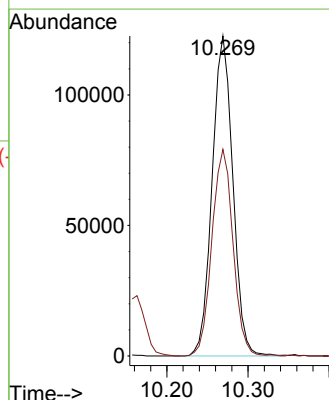
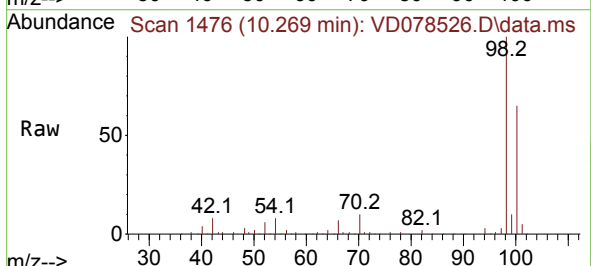
Acq: 22 Feb 2024 19:17

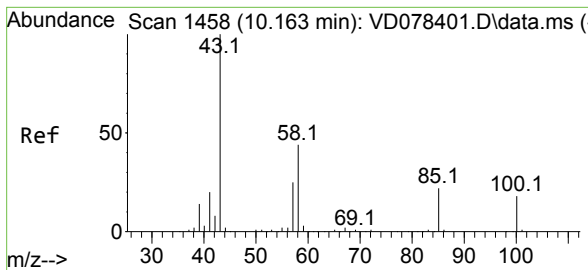
Tgt Ion: 98 Resp: 217234

Ion Ratio Lower Upper

98 100

100 66.0 50.3 75.5

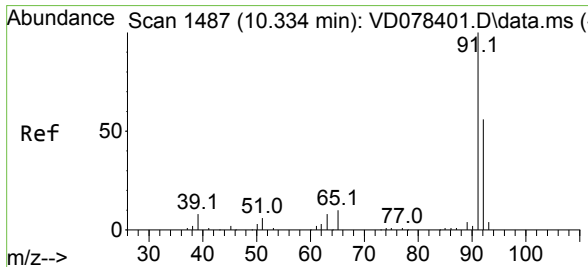
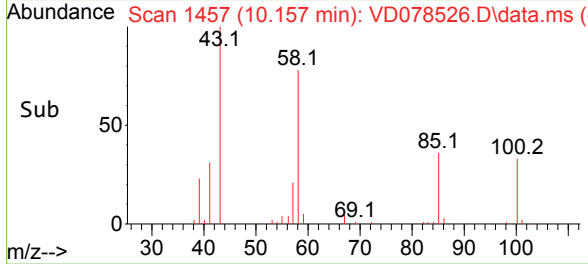
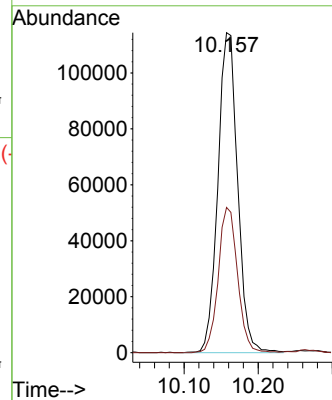
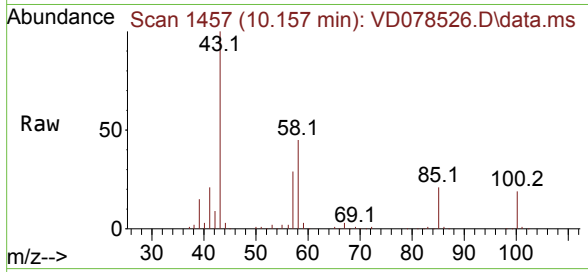




#51
4-Methyl-2-Pentanone
Concen: 349.690 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

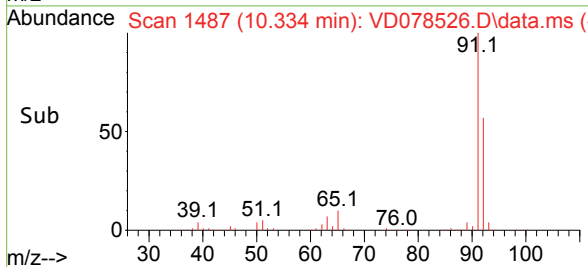
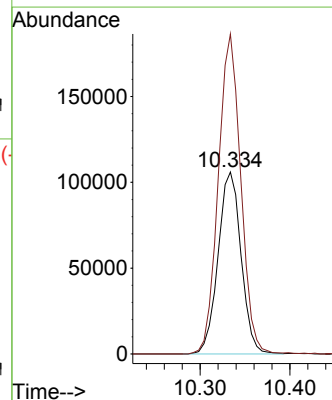
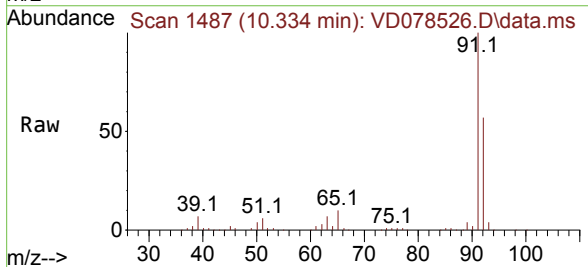
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

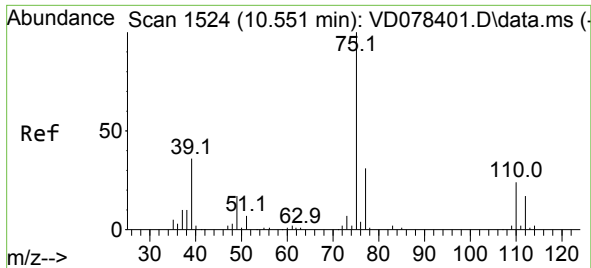
Tgt Ion: 43 Resp: 211607
Ion Ratio Lower Upper
43 100
58 44.5 38.9 58.3



#52
Toluene
Concen: 58.703 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 92 Resp: 188466
Ion Ratio Lower Upper
92 100
91 172.5 143.0 214.4

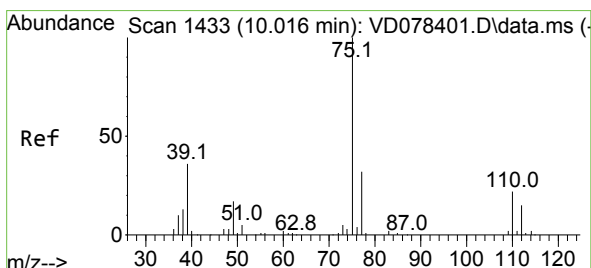
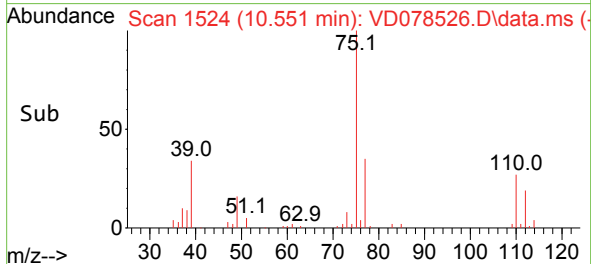
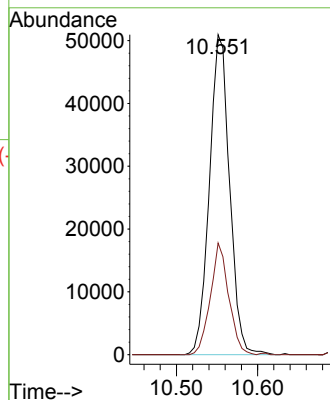
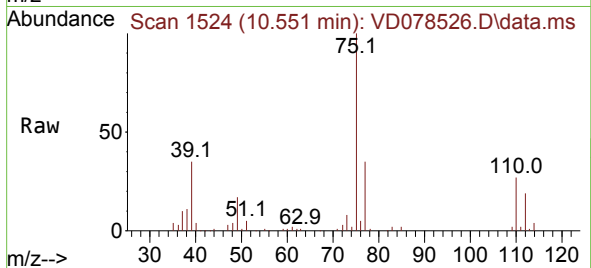




#53
t-1,3-Dichloropropene
Concen: 55.426 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

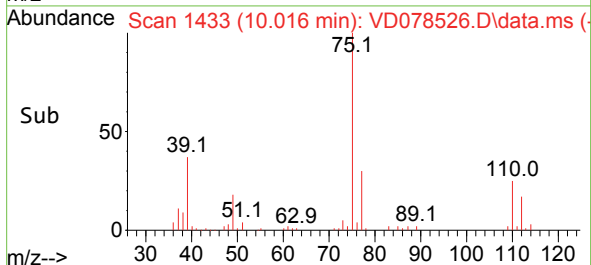
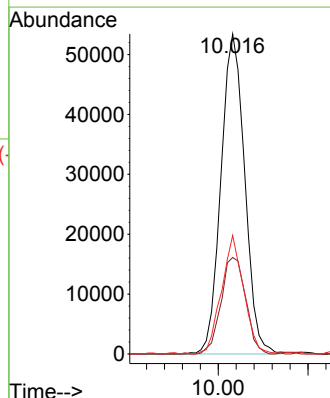
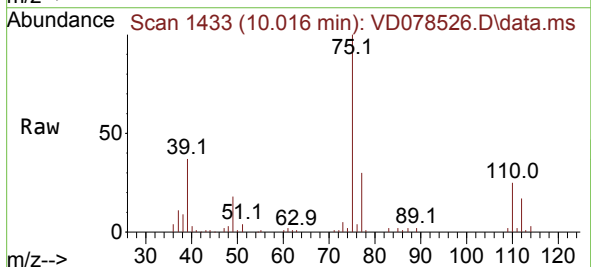
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

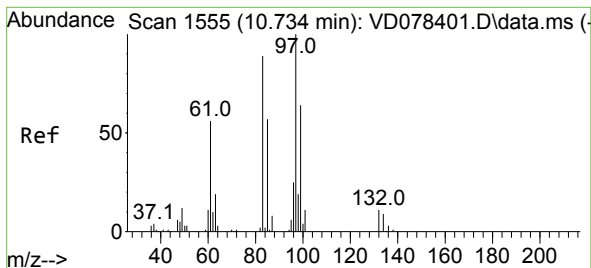
Tgt Ion: 75 Resp: 87765
Ion Ratio Lower Upper
75 100
77 34.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.104 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 75 Resp: 98124
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
39 37.0 22.1 33.1#

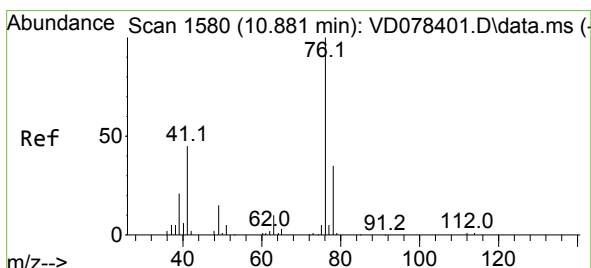
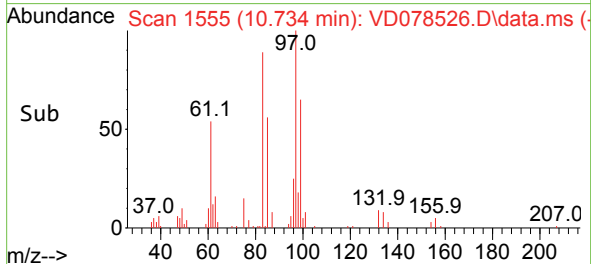
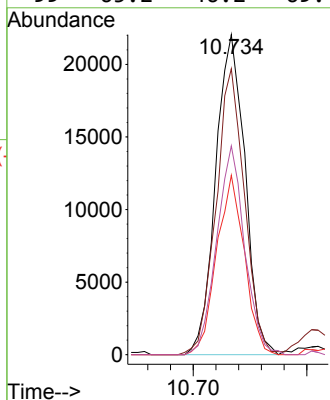
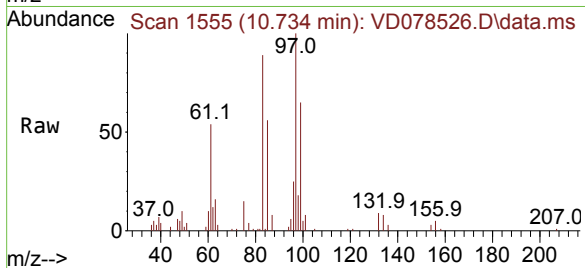




#55
1,1,2-Trichloroethane
Concen: 41.795 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

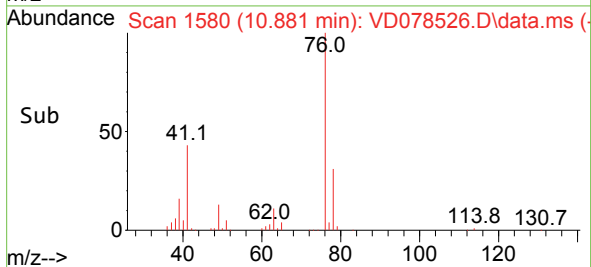
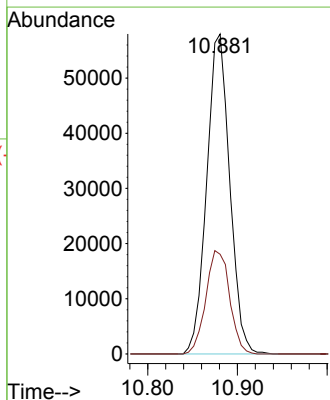
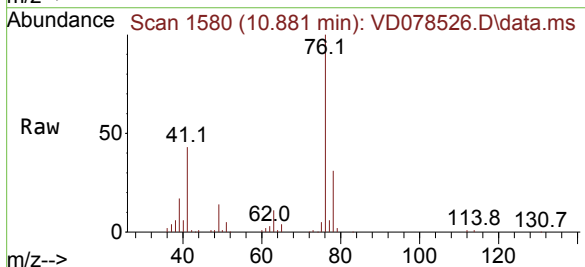
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

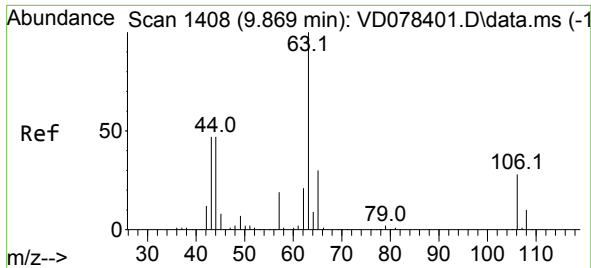
Tgt Ion:	97	Resp:	39435
Ion	Ratio	Lower	Upper
97	100		
83	89.4	65.8	98.6
85	56.1	45.7	68.5
99	65.2	46.2	69.4



#57
1,3-Dichloropropane
Concen: 64.290 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:	76	Resp:	103187
Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.4	39.6

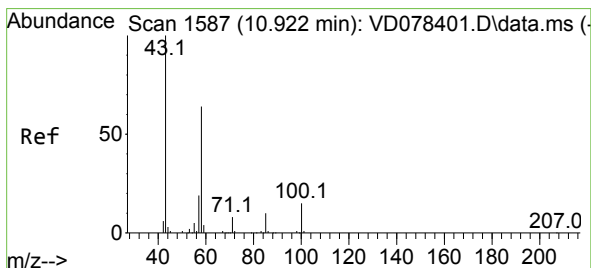
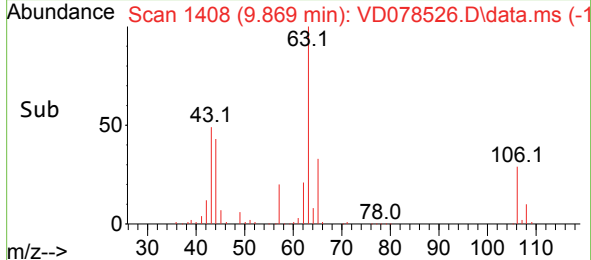
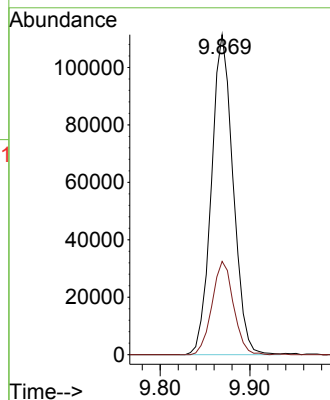
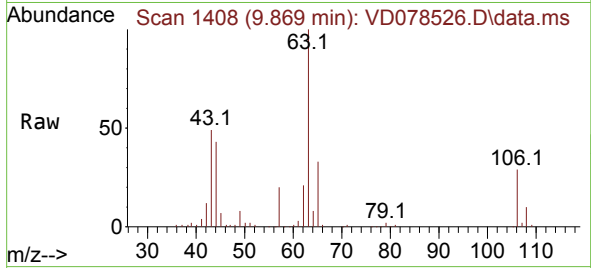




#58
2-Chloroethyl Vinyl ether
Concen: 363.615 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

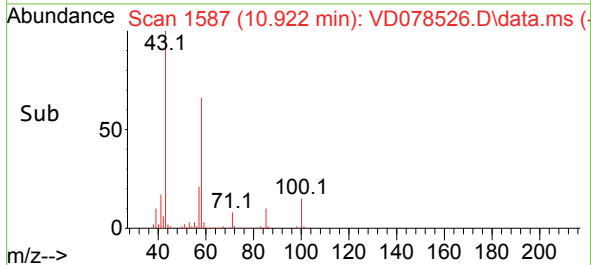
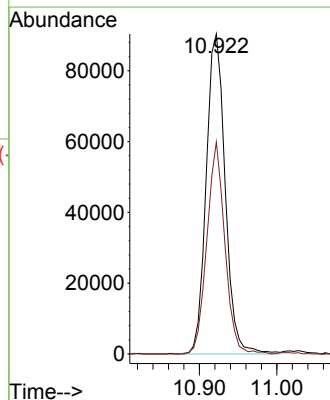
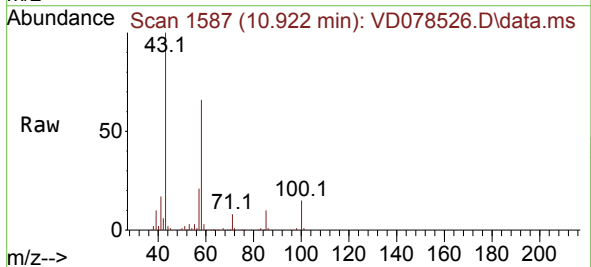
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

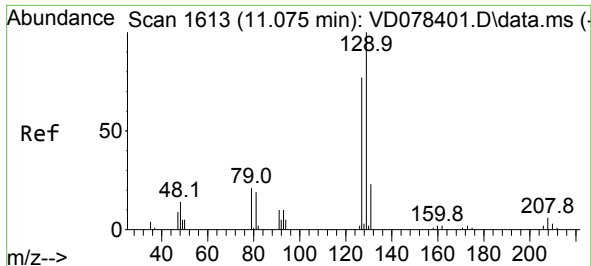
Tgt Ion: 63 Resp: 186904
Ion Ratio Lower Upper
63 100
106 28.8 25.3 37.9



#59
2-Hexanone
Concen: 338.725 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 43 Resp: 154039
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2

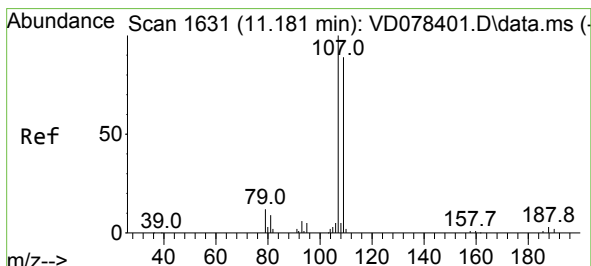
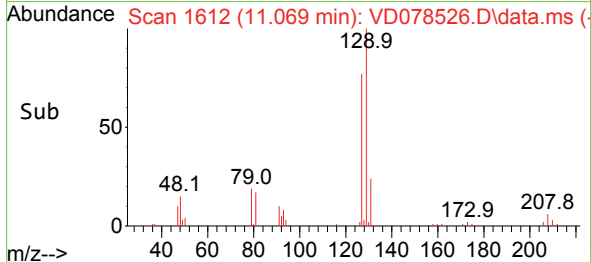
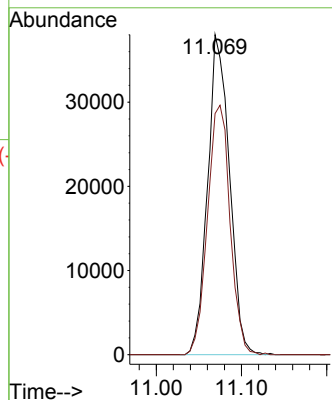
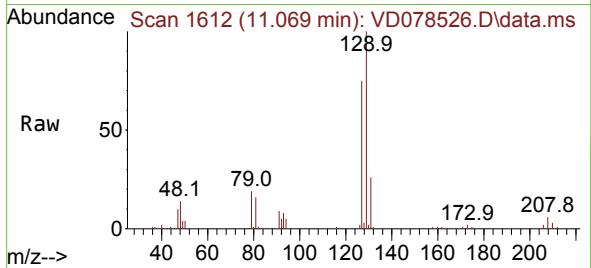




#60
Dibromochloromethane
Concen: 59.804 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

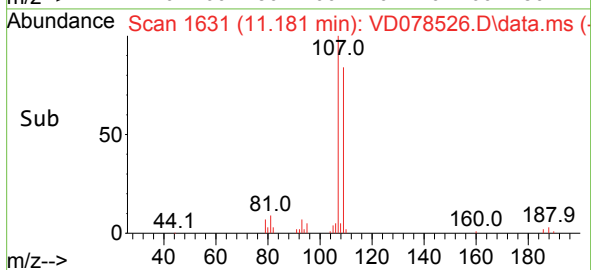
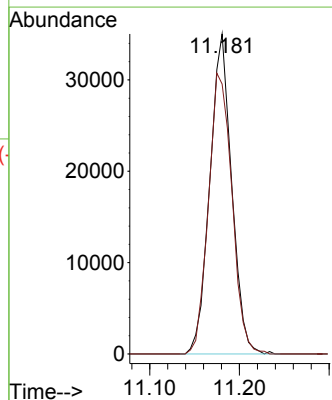
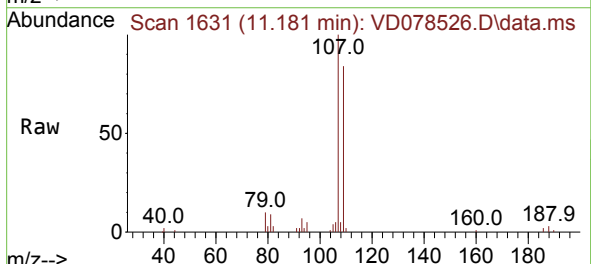
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

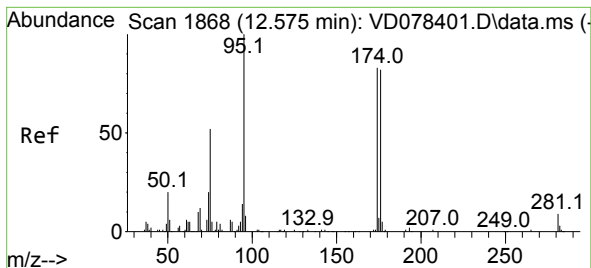
Tgt Ion:129 Resp: 67892
Ion Ratio Lower Upper
129 100
127 80.5 37.1 111.5



#61
1,2-Dibromoethane
Concen: 66.821 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:107 Resp: 59190
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4

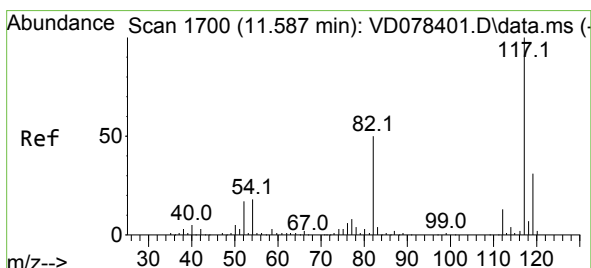
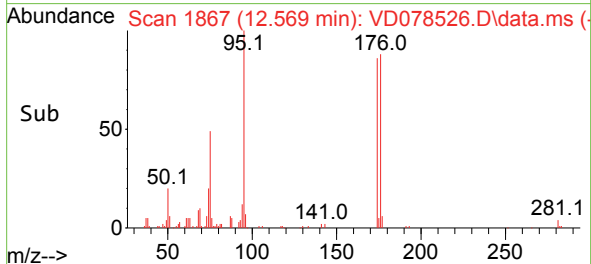
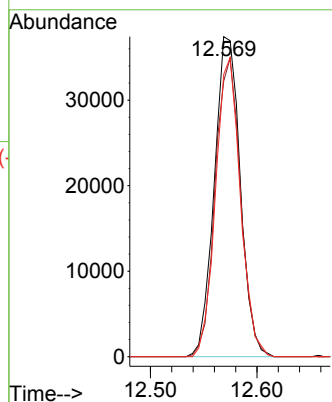
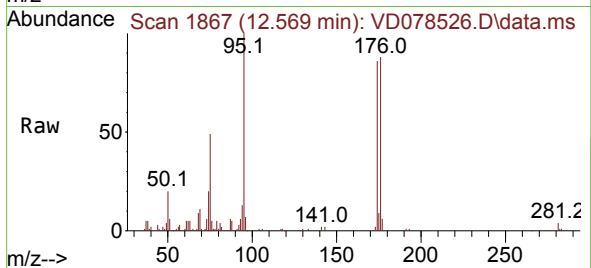




#62
4-Bromofluorobenzene
Concen: 48.087 ug/l
RT: 12.569 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

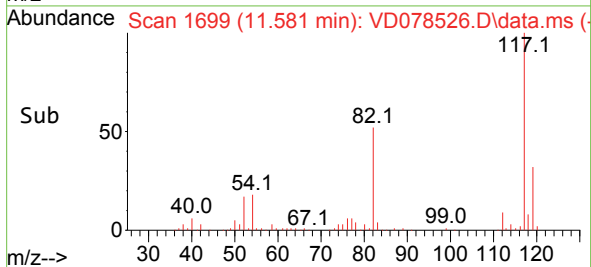
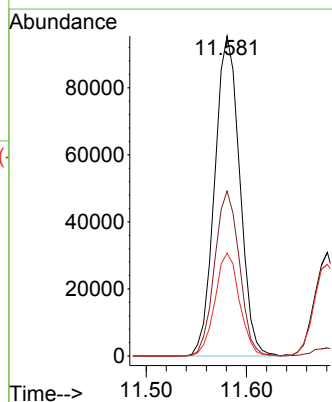
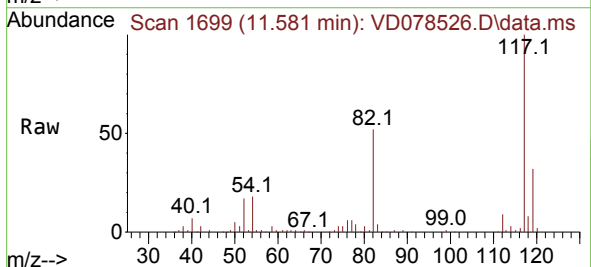
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

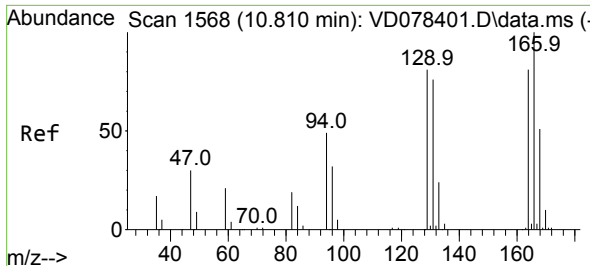
Tgt Ion: 95	Resp: 63291
Ion Ratio	Lower Upper
95 100	
174 91.1	0.0 201.8
176 89.1	0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 117	Resp: 165333
Ion Ratio	Lower Upper
117 100	
82 51.5	38.3 57.5
119 32.1	25.0 37.4

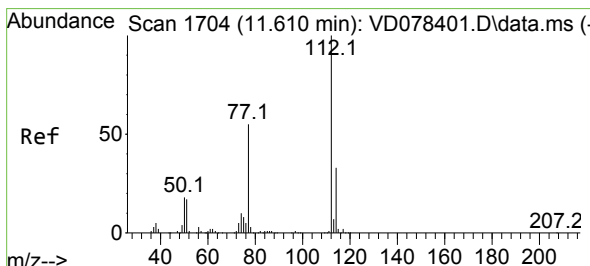
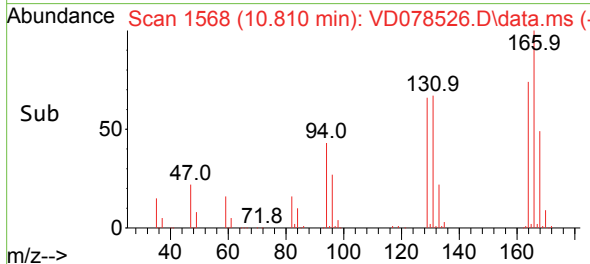
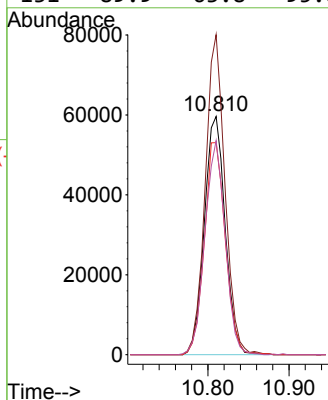
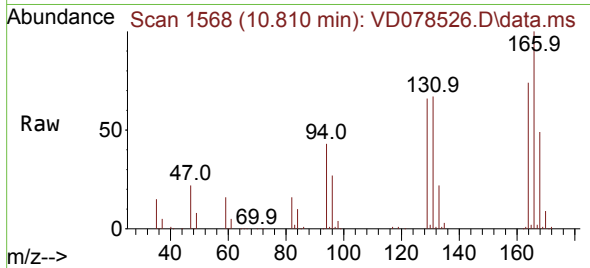




#64
Tetrachloroethene
Concen: 101.660 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

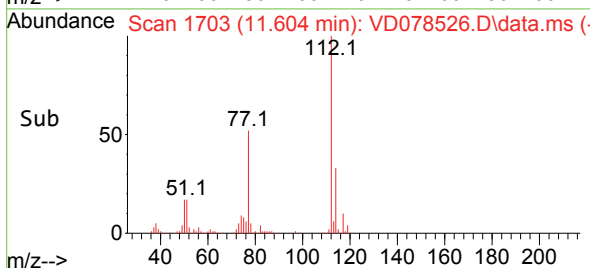
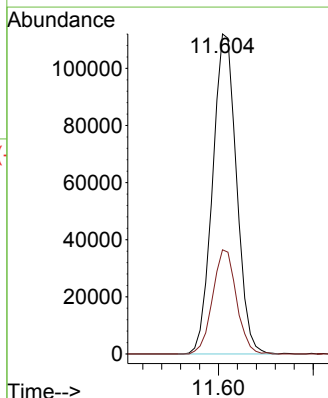
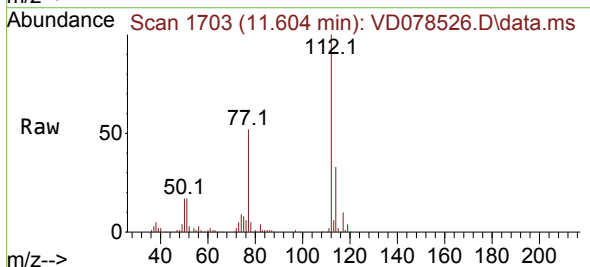
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

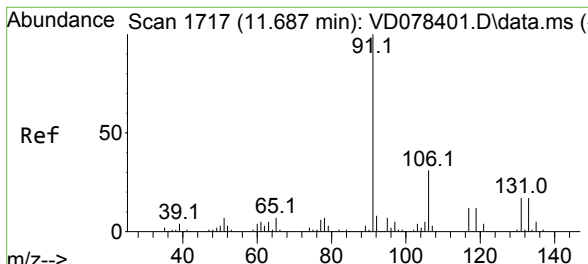
Tgt Ion:164 Resp: 106163
Ion Ratio Lower Upper
164 100
166 134.3 99.2 148.8
129 89.0 68.4 102.6
131 89.9 63.8 95.8



#65
Chlorobenzene
Concen: 59.160 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:112 Resp: 196638
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7

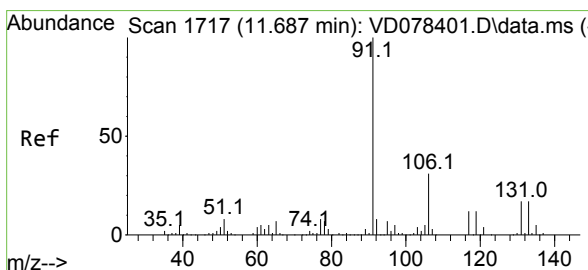
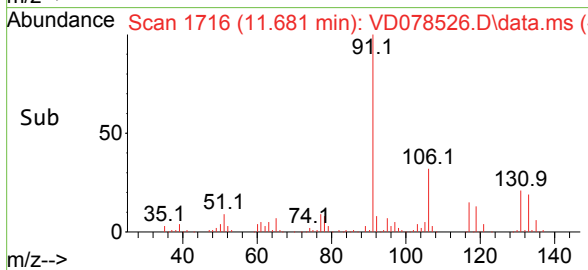
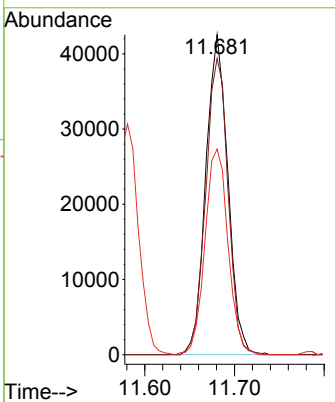
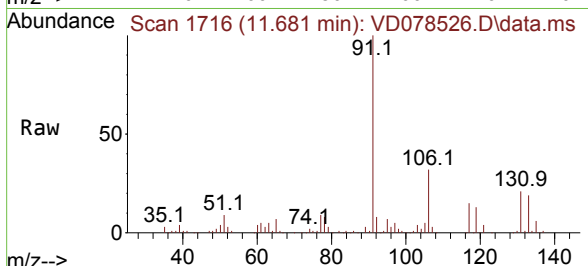




#66
 1,1,1,2-Tetrachloroethane
 Concen: 59.433 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. -0.006 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

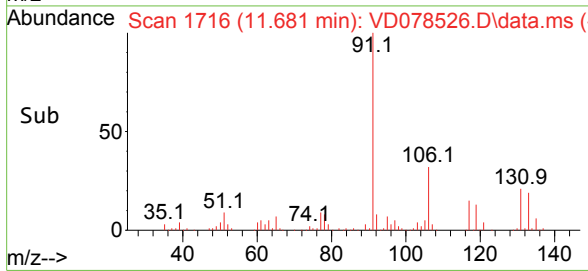
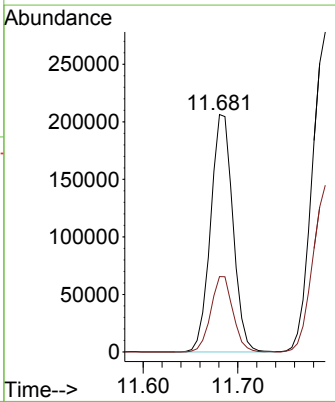
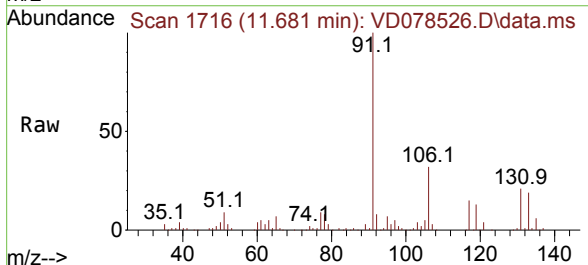
Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

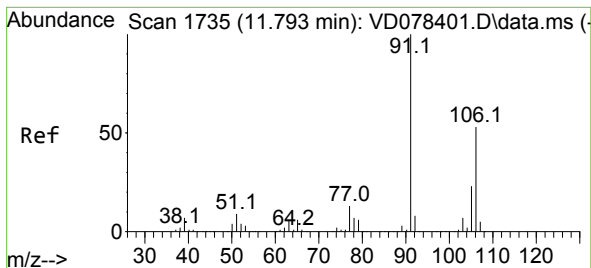
Tgt Ion:131	Resp:	72597
Ion Ratio	Lower	Upper
131	100	
133	93.8	48.5 145.5
119	67.4	35.6 106.9



#67
 Ethyl Benzene
 Concen: 56.880 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. -0.006 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

Tgt Ion: 91	Resp:	338748
Ion Ratio	Lower	Upper
91	100	
106	31.7	26.5 39.7

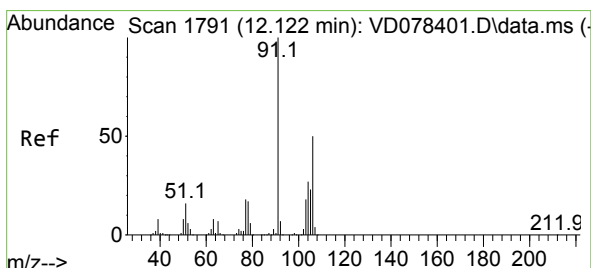
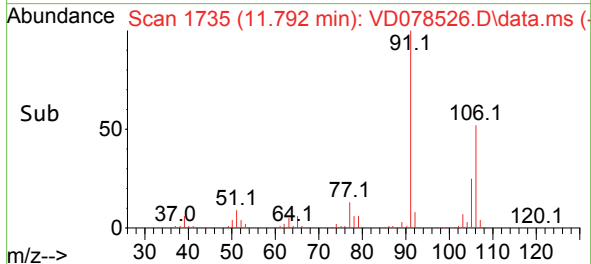
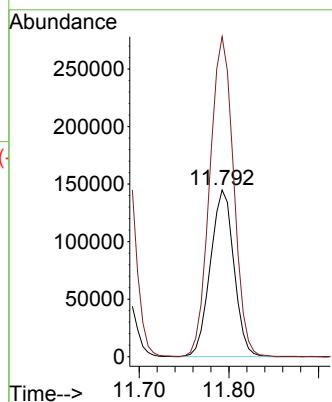
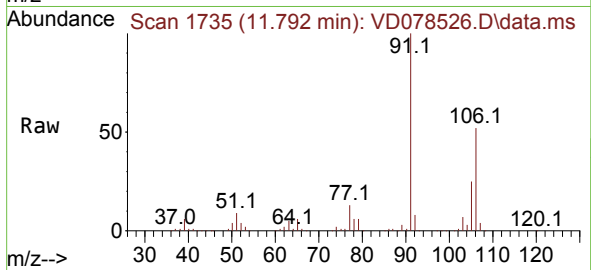




#68
m/p-Xylenes
Concen: 113.811 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

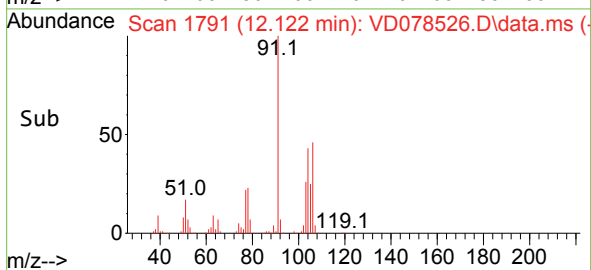
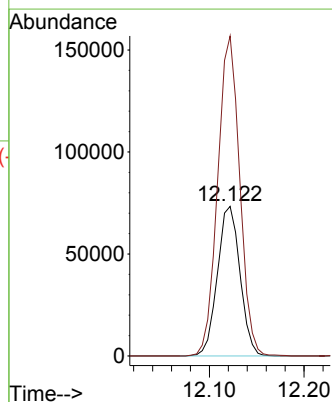
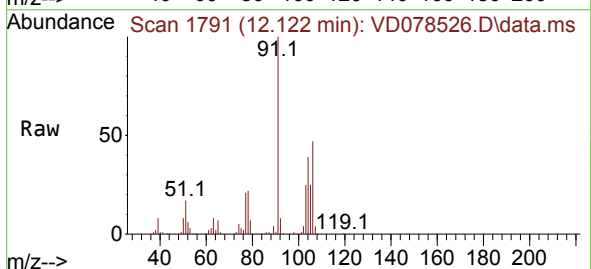
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

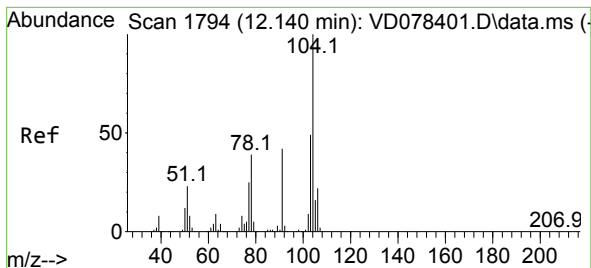
Tgt Ion:106 Resp: 264387
Ion Ratio Lower Upper
106 100
91 193.8 147.0 220.6



#69
o-Xylene
Concen: 57.372 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:106 Resp: 121625
Ion Ratio Lower Upper
106 100
91 209.1 97.9 293.6





#70

Styrene

Concen: 56.316 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

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

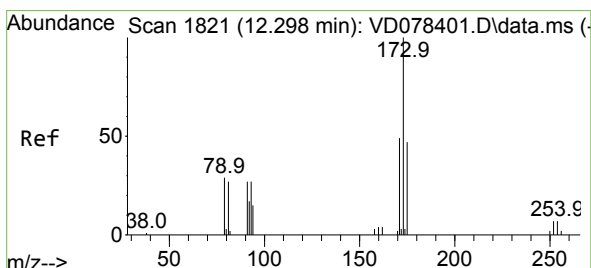
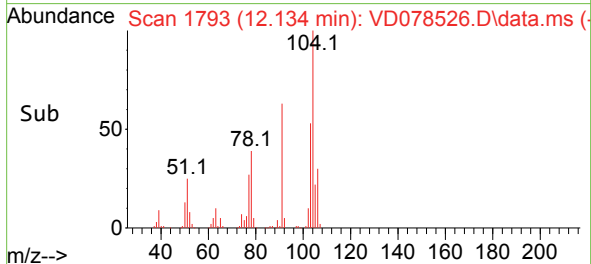
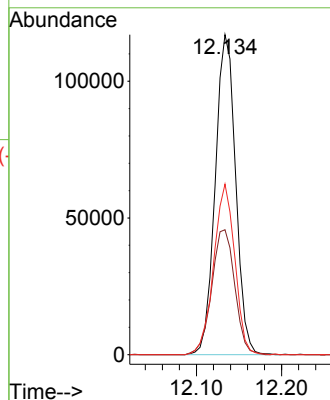
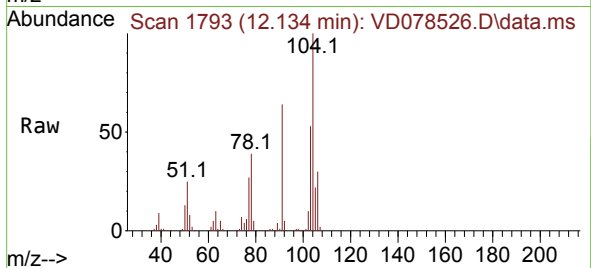
Tgt Ion:104 Resp: 194842

Ion Ratio Lower Upper

104 100

78 44.1 33.2 49.8

103 55.2 43.6 65.4



#71

Bromoform

Concen: 67.090 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

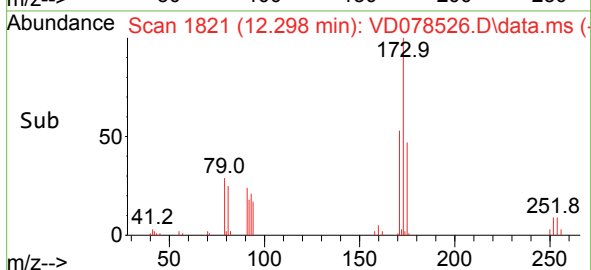
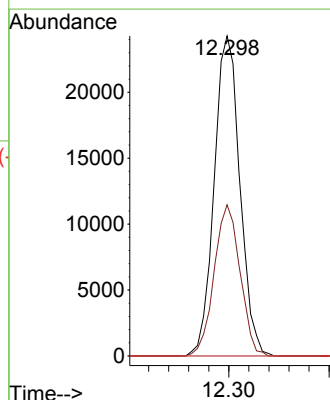
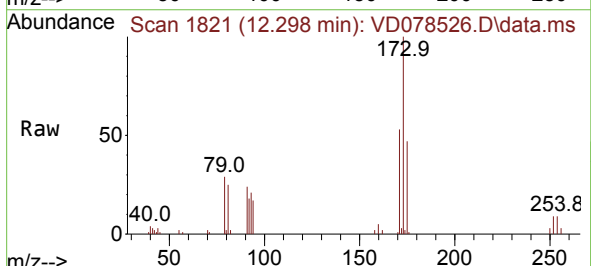
Tgt Ion:173 Resp: 43134

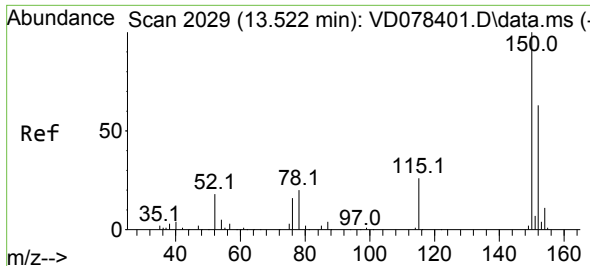
Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

254 0.0 0.0 0.0

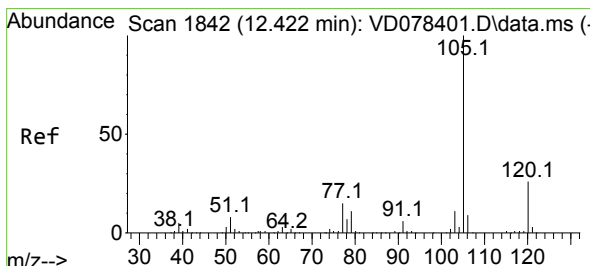
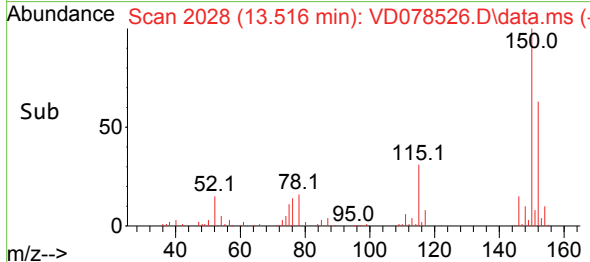
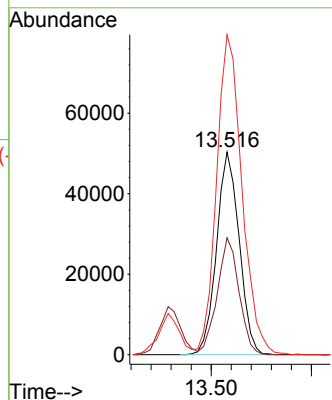
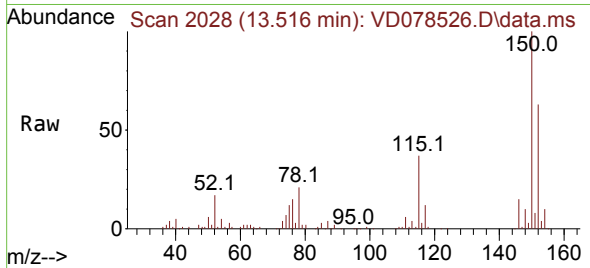




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

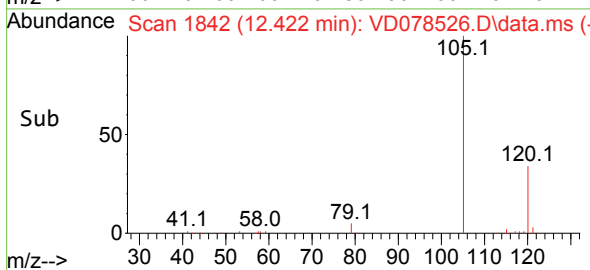
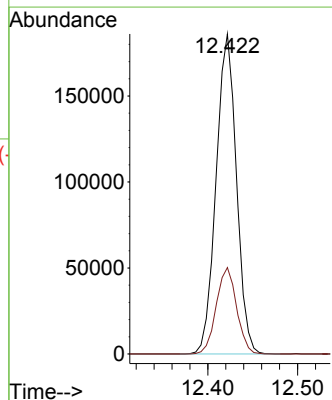
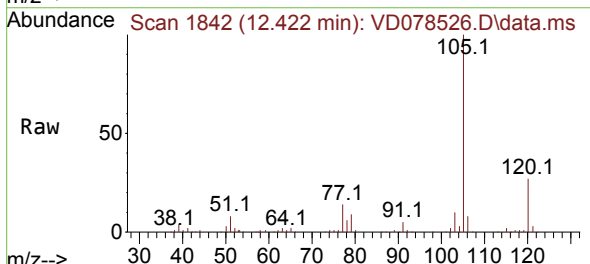
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

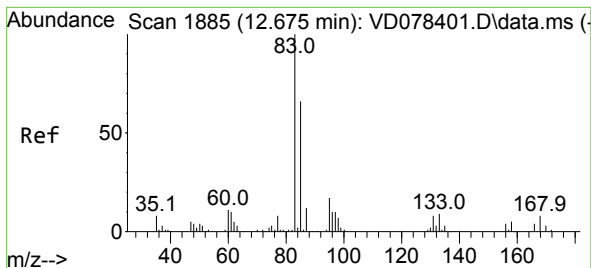
Tgt Ion:152 Resp: 78778
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 177.6 0.0 353.6



#73
Isopropylbenzene
Concen: 55.288 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:105 Resp: 292468
Ion Ratio Lower Upper
105 100
120 27.0 14.3 42.9





#75

1,1,2,2-Tetrachloroethane

Concen: 1.956 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.053 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

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

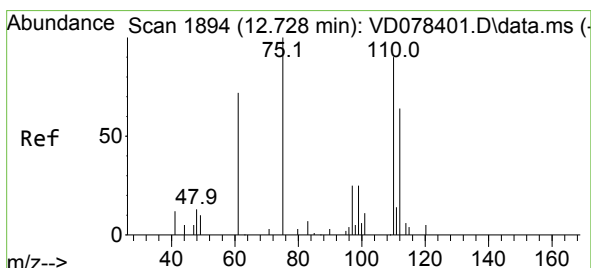
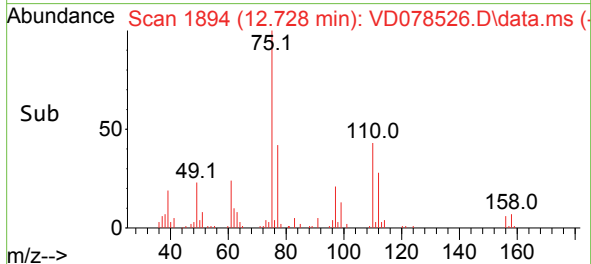
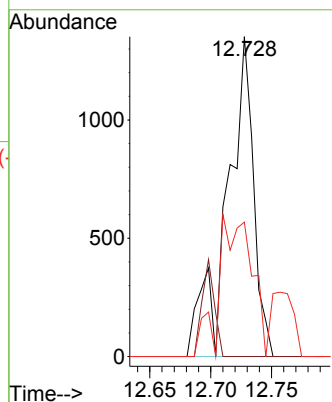
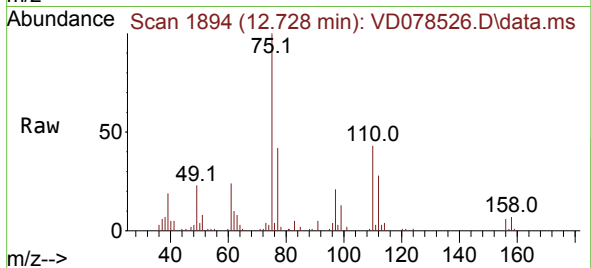
Tgt Ion: 83 Resp: 2053

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.6 97.8#



#76

1,2,3-Trichloropropane

Concen: 117.295 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078526.D

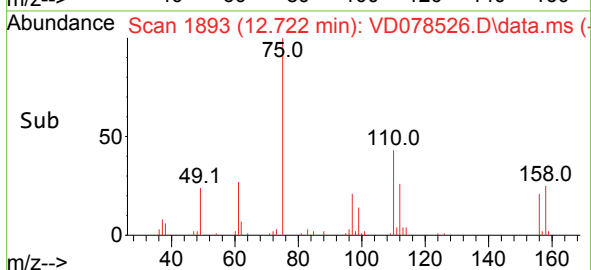
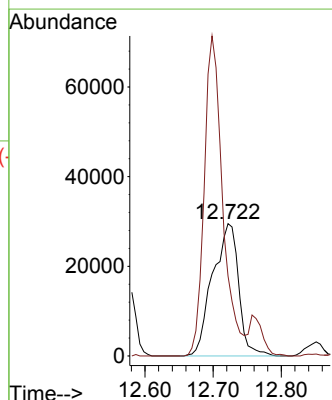
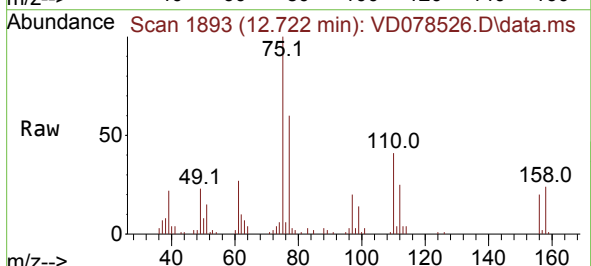
Acq: 22 Feb 2024 19:17

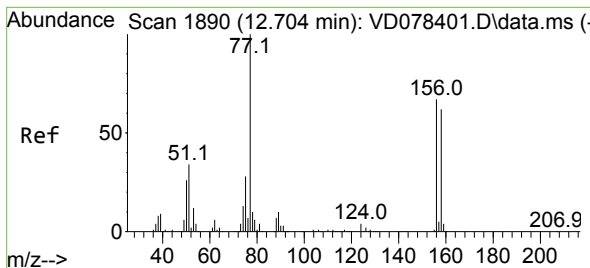
Tgt Ion: 75 Resp: 78447

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 64.468 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

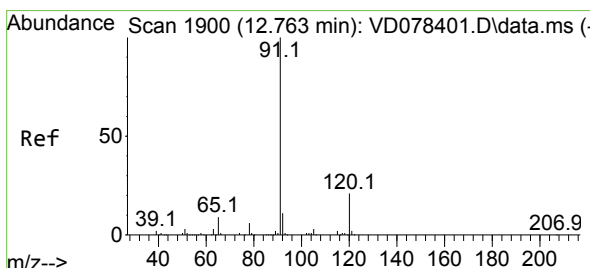
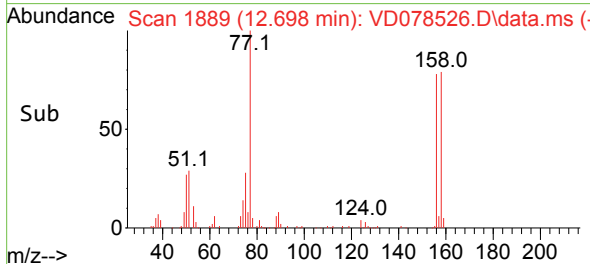
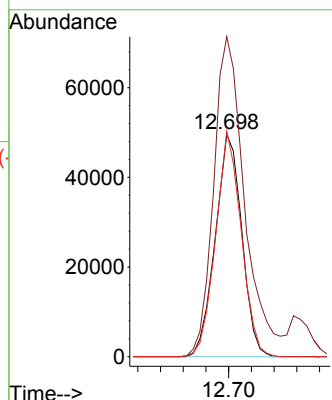
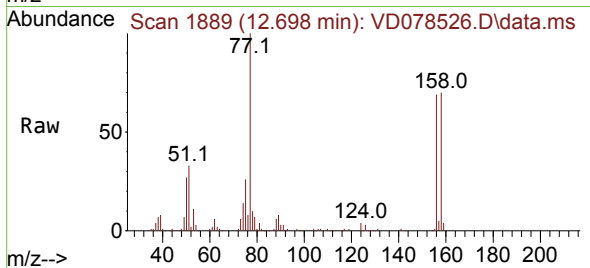
Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion:	156	Resp:	80146
Ion	Ratio	Lower	Upper
156	100		
77	168.0	76.8	230.4
158	98.2	48.6	145.9



#78

n-propylbenzene

Concen: 51.486 ug/l

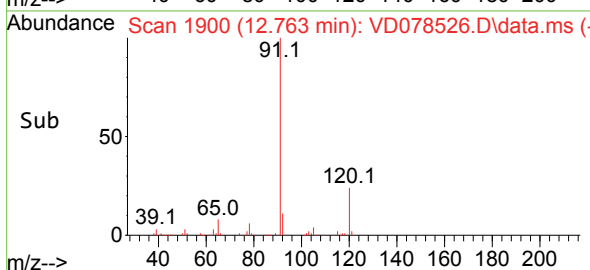
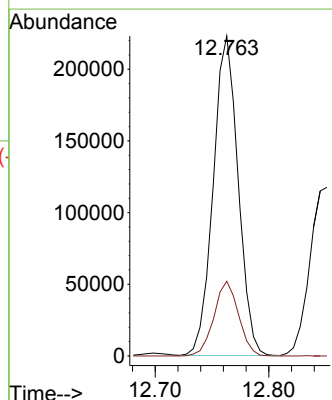
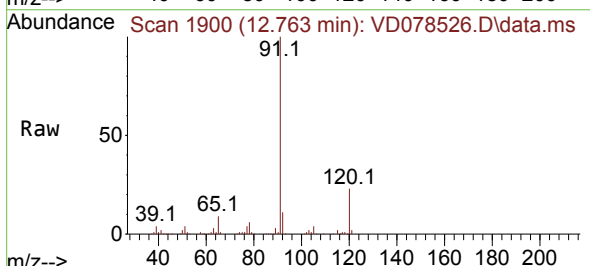
RT: 12.763 min Scan# 1900

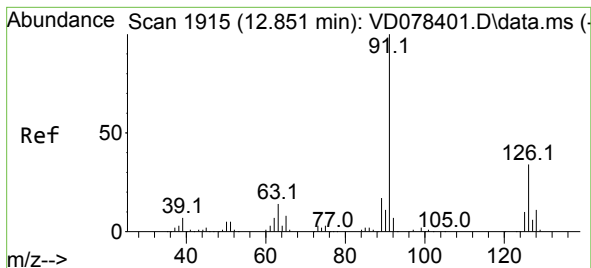
Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Tgt Ion:	91	Resp:	339403
Ion	Ratio	Lower	Upper
91	100		
120	23.0	12.4	37.2





#79

2-Chlorotoluene

Concen: 55.889 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

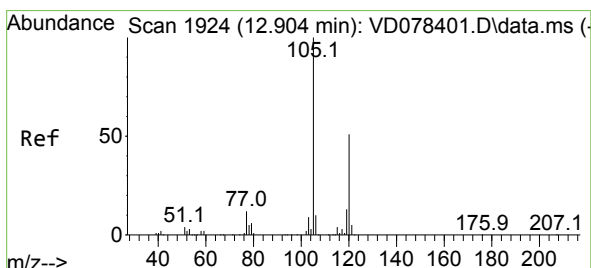
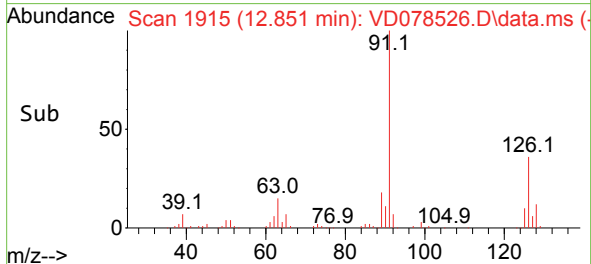
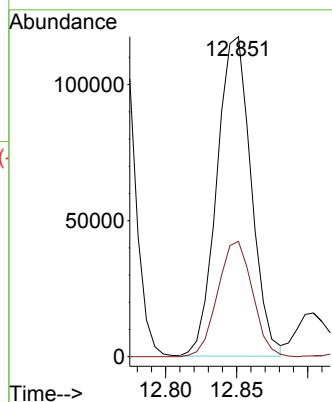
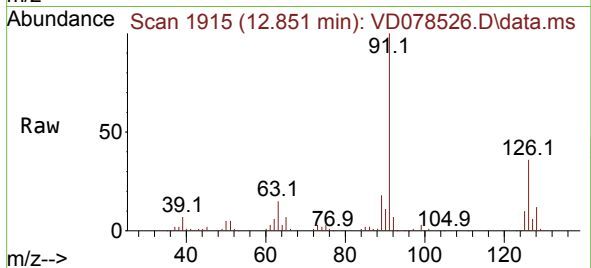
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 91 Resp: 197332

Ion Ratio Lower Upper

91 100

126 36.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 53.994 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078526.D

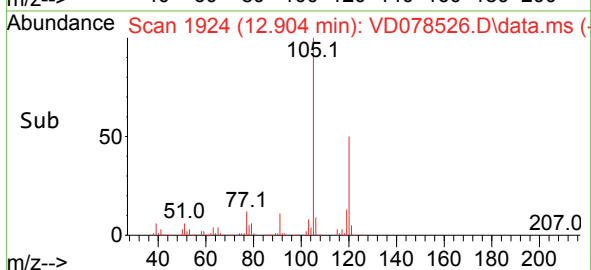
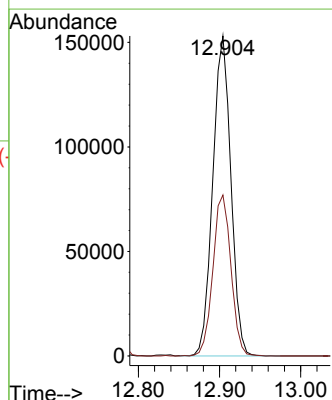
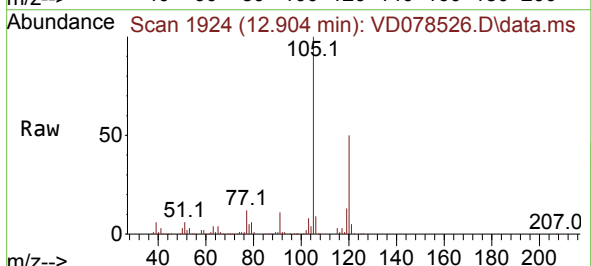
Acq: 22 Feb 2024 19:17

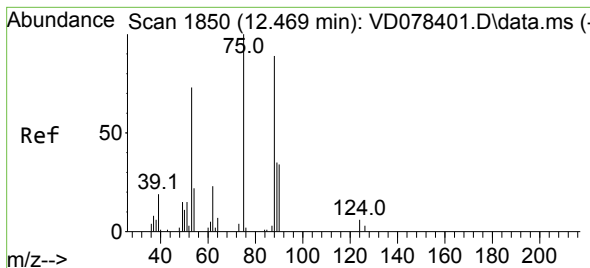
Tgt Ion: 105 Resp: 237166

Ion Ratio Lower Upper

105 100

120 50.2 26.4 79.2

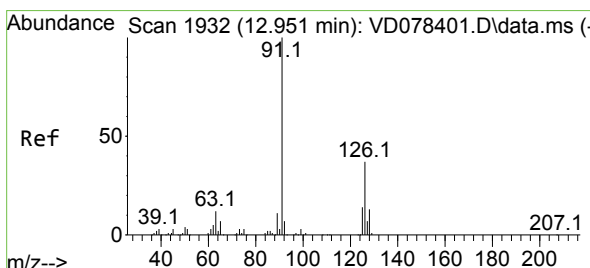
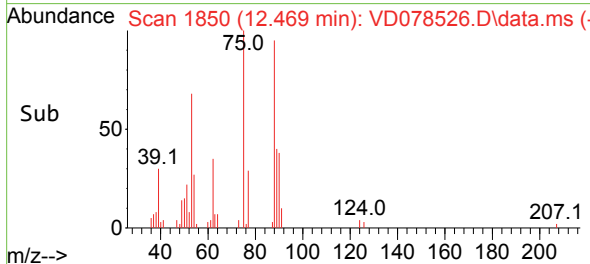
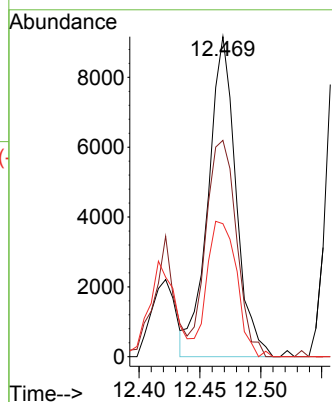
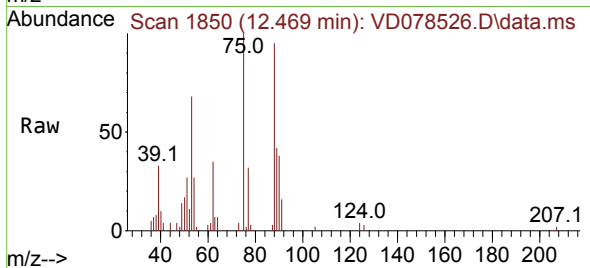




#81
trans-1,4-Dichloro-2-butene
Concen: 45.084 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

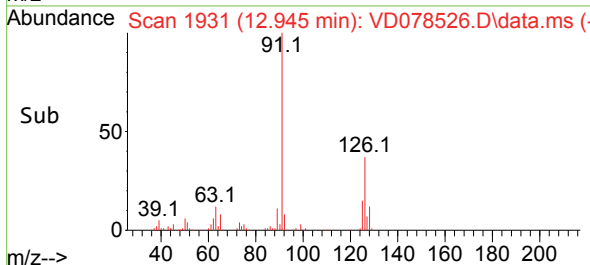
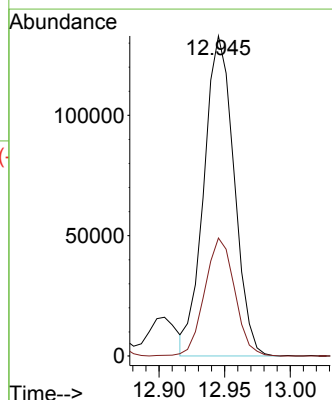
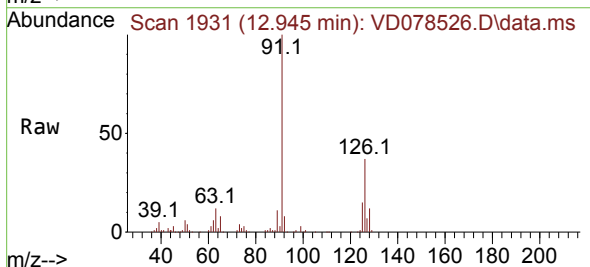
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

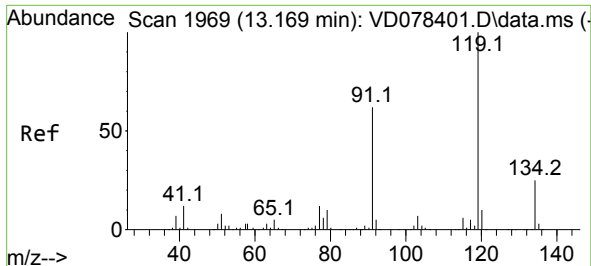
Tgt Ion:	75	Resp:	14524
Ion	Ratio	Lower	Upper
75	100		
53	74.3	63.0	94.4
89	46.0	37.9	56.9



#82
4-Chlorotoluene
Concen: 56.184 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:	91	Resp:	213055
Ion	Ratio	Lower	Upper
91	100		
126	36.6	19.4	58.4

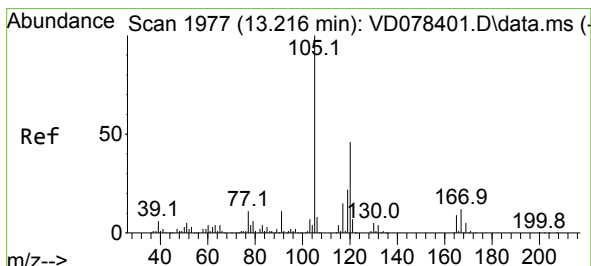
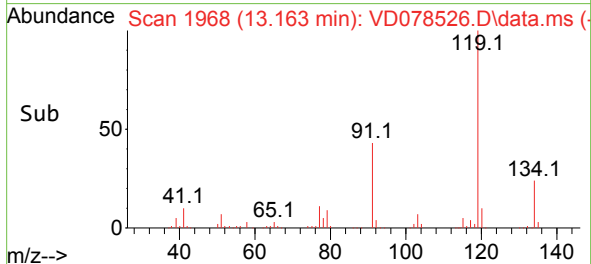
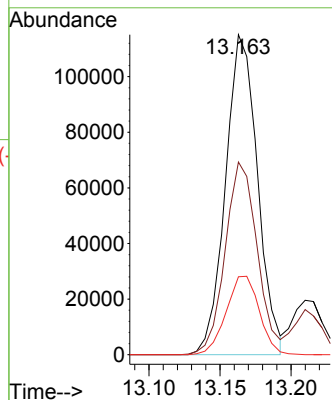
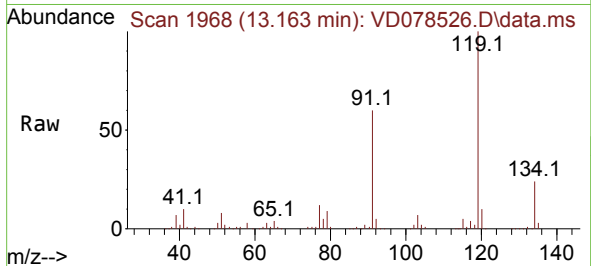




#83
tert-Butylbenzene
Concen: 48.789 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

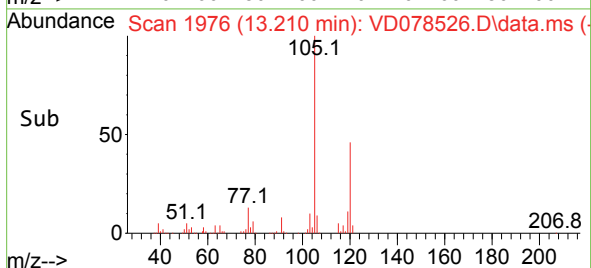
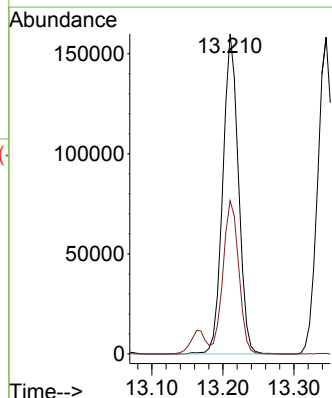
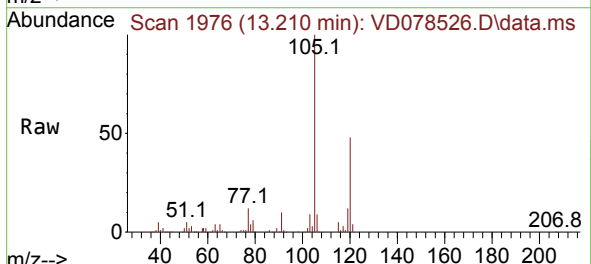
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

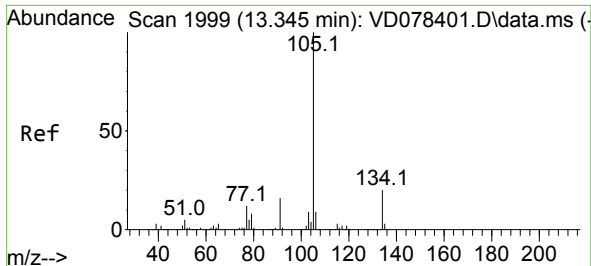
Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.2	29.3	87.8
134	25.4	14.1	42.3



#84
1,2,4-Trimethylbenzene
Concen: 54.605 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	72.9

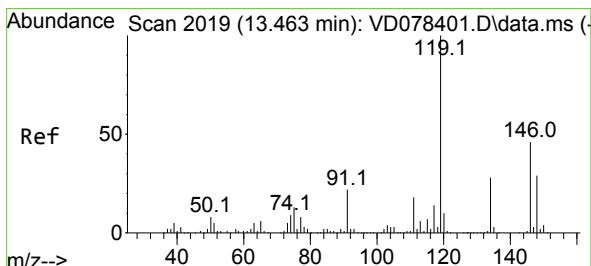
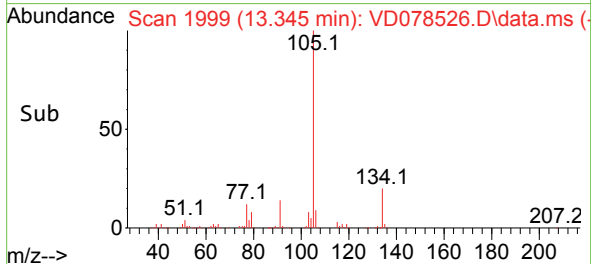
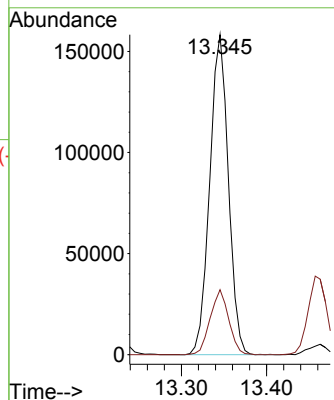
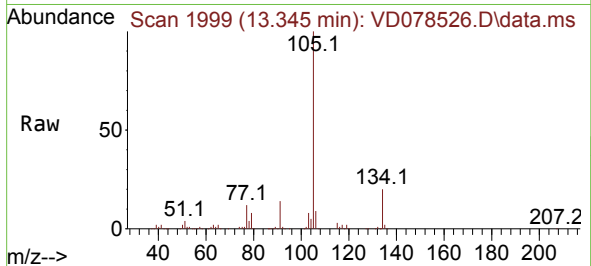




#85
 sec-Butylbenzene
 Concen: 41.955 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

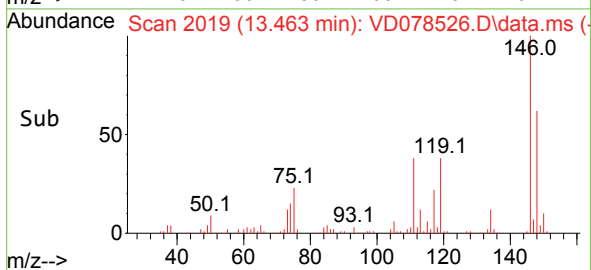
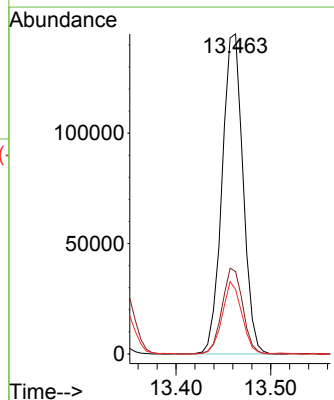
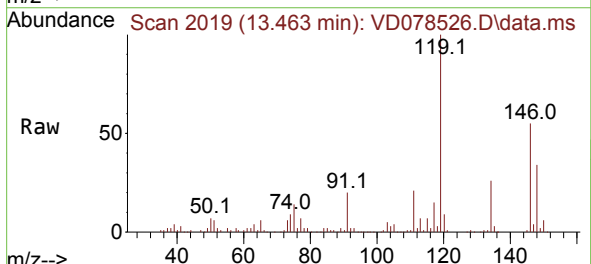
Instrument : MSVOA_D
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

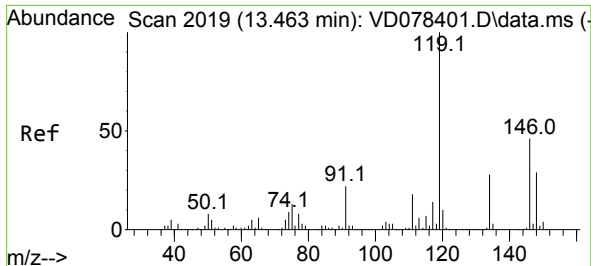
Tgt Ion:105 Resp: 241034
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 45.495 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078526.D
 Acq: 22 Feb 2024 19:17

Tgt Ion:119 Resp: 222622
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.3 10.5 31.5

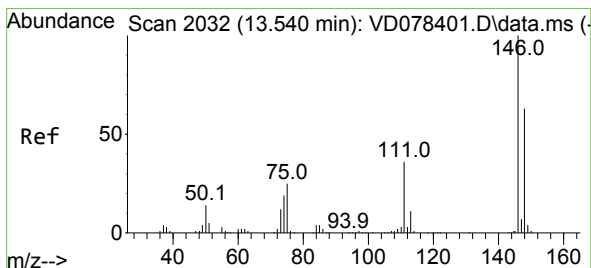
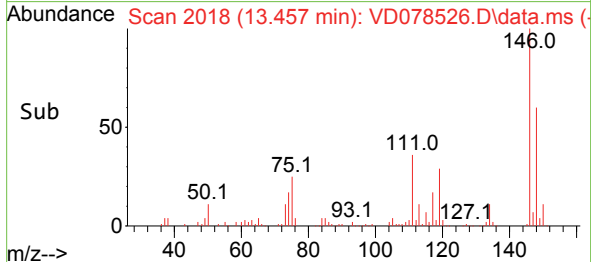
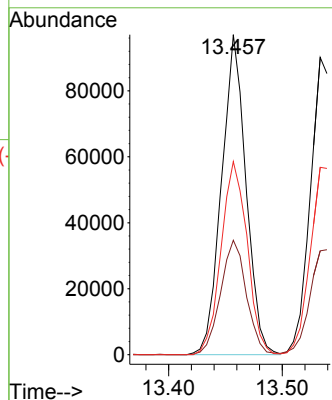
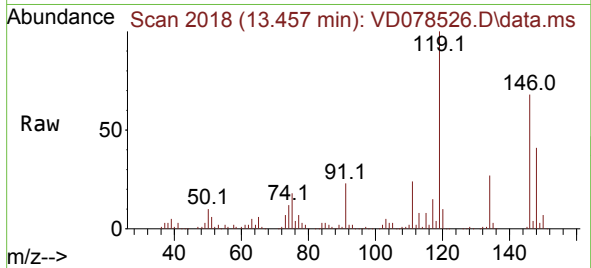




#87
1,3-Dichlorobenzene
Concen: 54.559 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

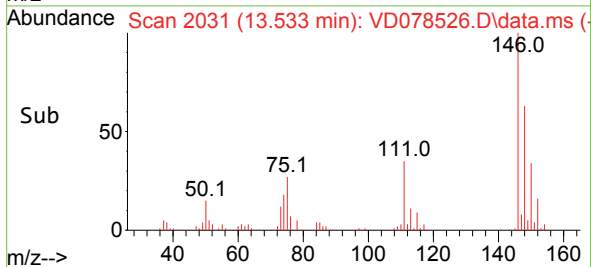
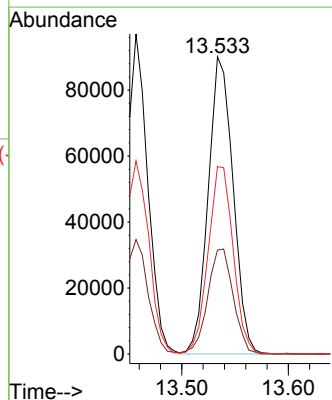
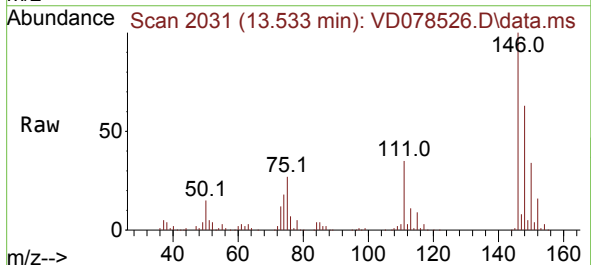
Instrument :
MSVOA_D
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

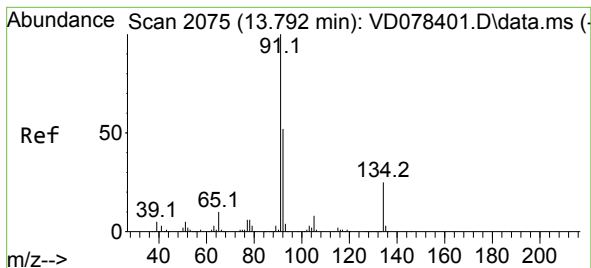
Tgt Ion:146 Resp: 144763
Ion Ratio Lower Upper
146 100
111 38.0 17.9 53.8
148 64.5 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 56.096 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion:146 Resp: 146247
Ion Ratio Lower Upper
146 100
111 36.3 17.4 52.3
148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 36.731 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

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

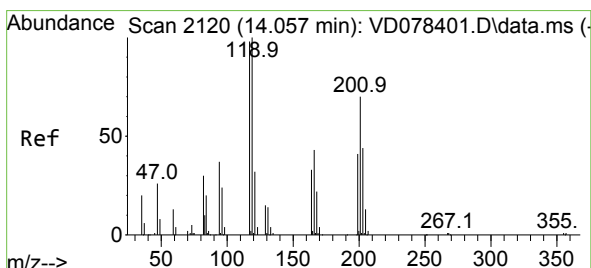
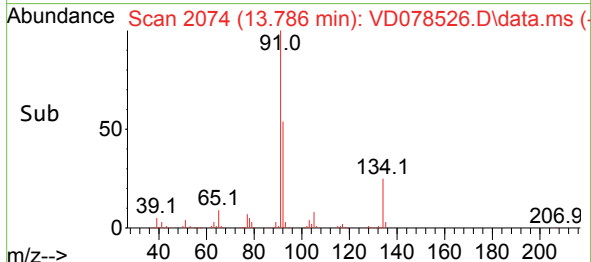
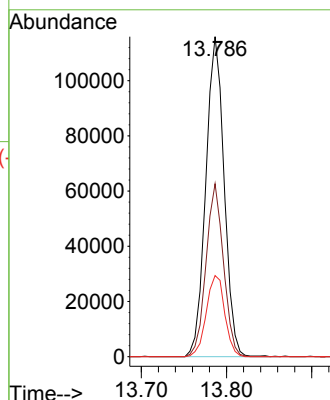
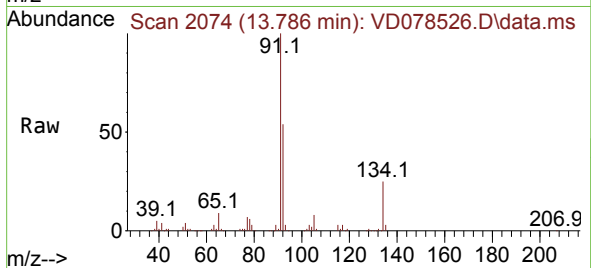
Tgt Ion: 91 Resp: 173242

Ion Ratio Lower Upper

91 100

92 51.4 26.5 79.5

134 25.5 13.8 41.3



#90

Hexachloroethane

Concen: 42.139 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078526.D

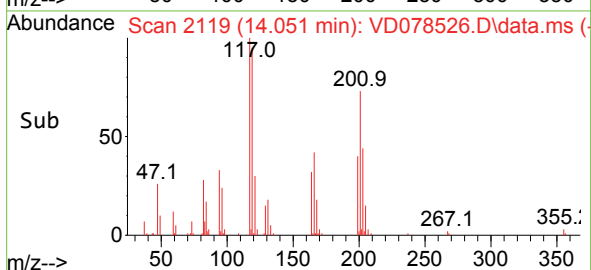
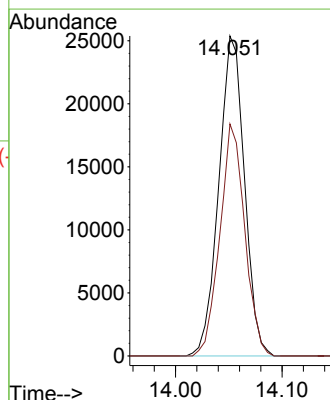
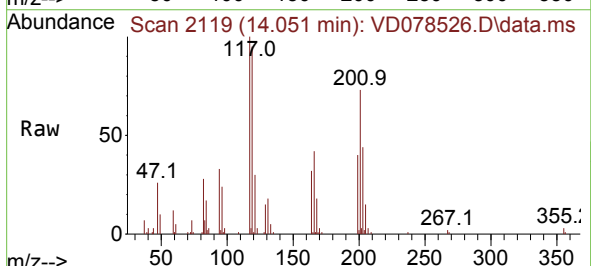
Acq: 22 Feb 2024 19:17

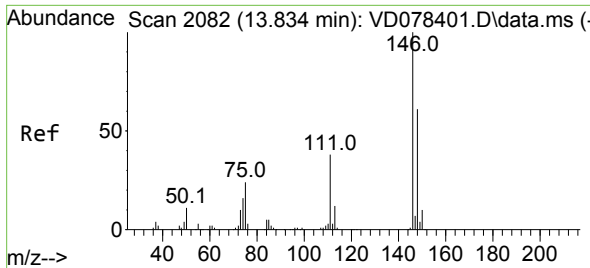
Tgt Ion: 117 Resp: 42381

Ion Ratio Lower Upper

117 100

201 70.4 38.5 115.5

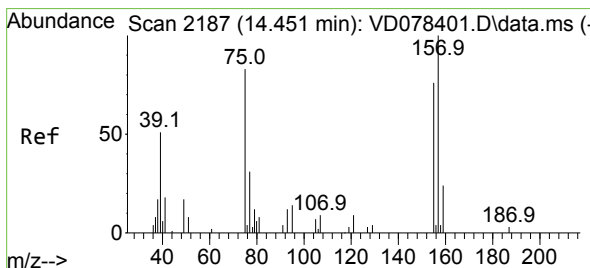
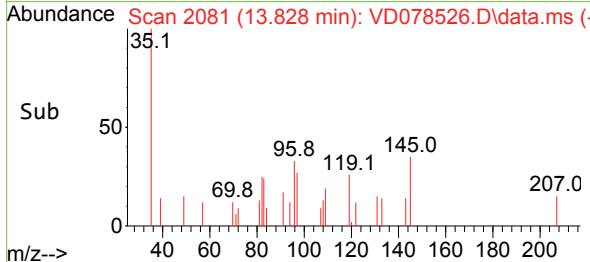
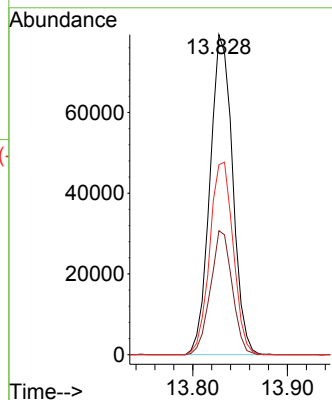
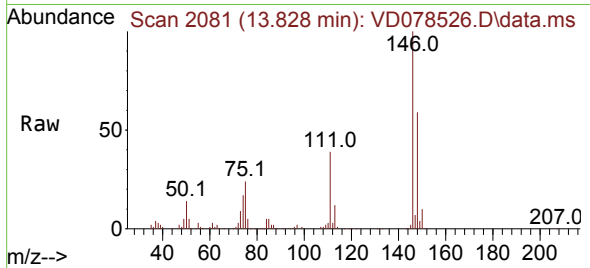




#91
1,2-Dichlorobenzene
Concen: 59.021 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

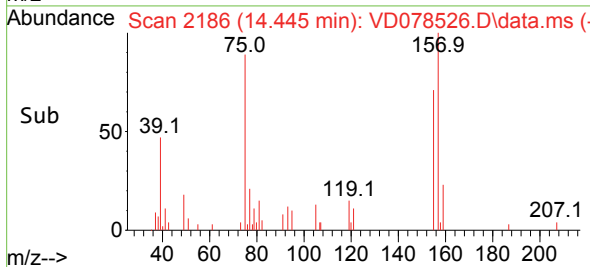
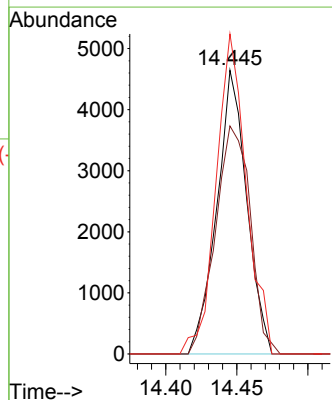
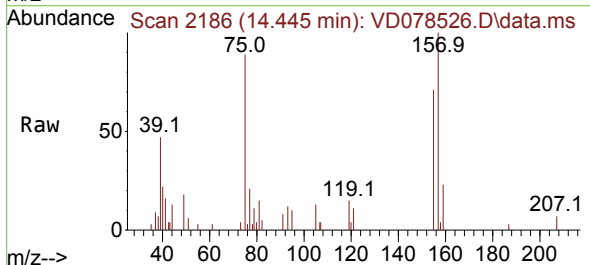
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

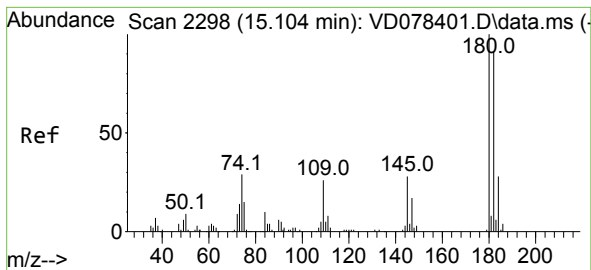
Tgt Ion:146 Resp: 131505
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 62.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.433 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078526.D
Acq: 22 Feb 2024 19:17

Tgt Ion: 75 Resp: 6792
Ion Ratio Lower Upper
75 100
155 93.7 47.9 143.8
157 113.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 43.255 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

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

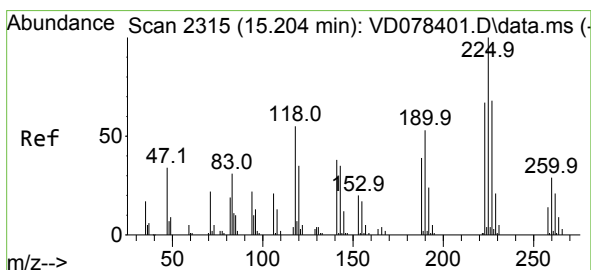
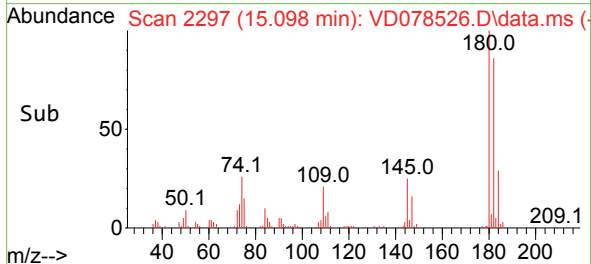
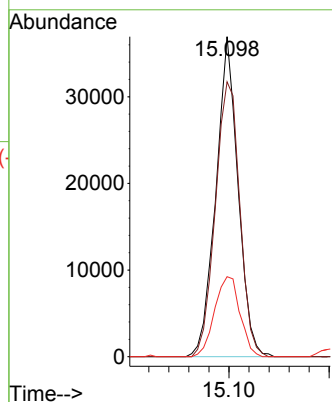
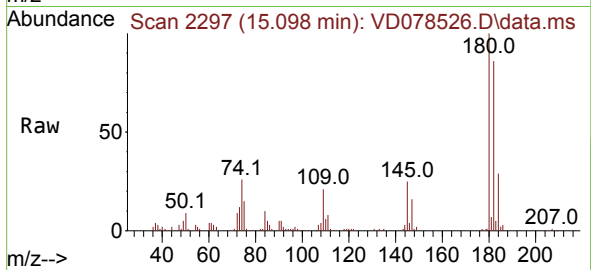
Tgt Ion:180 Resp: 56641

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.6

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.539 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

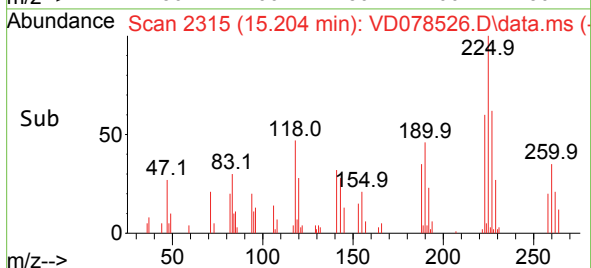
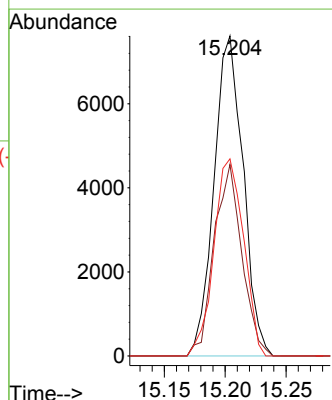
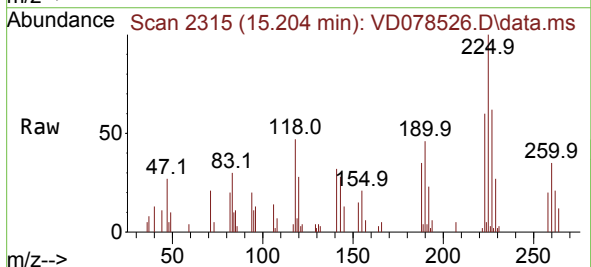
Tgt Ion:225 Resp: 12671

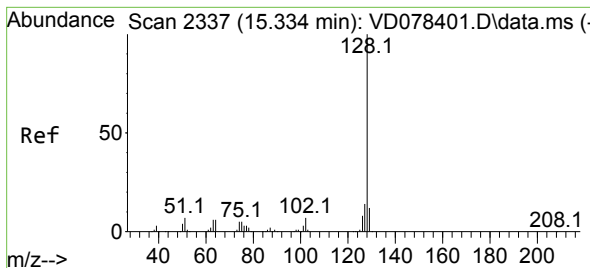
Ion Ratio Lower Upper

225 100

223 57.2 31.6 94.8

227 62.9 31.7 95.1





#95

Naphthalene

Concen: 64.699 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078526.D

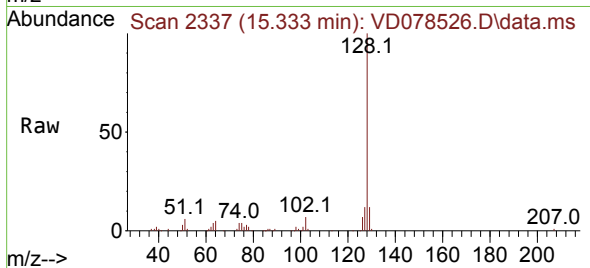
Acq: 22 Feb 2024 19:17

Instrument :

MSVOA_D

ClientSampleId :

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



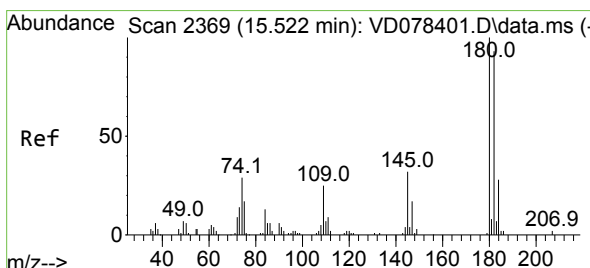
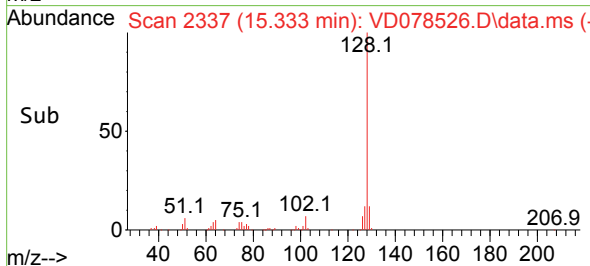
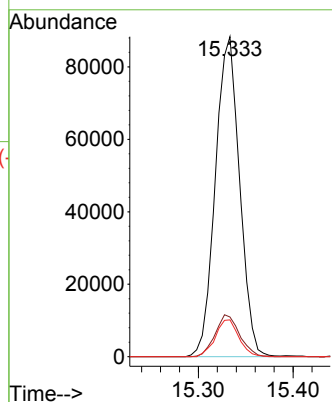
Tgt Ion:128 Resp: 157137

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.506 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078526.D

Acq: 22 Feb 2024 19:17

Tgt Ion:180 Resp: 49392

Ion Ratio Lower Upper

180 100

182 97.6 47.3 141.9

145 30.4 15.1 45.3

