

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078498.D
 Acq On : 21 Feb 2024 14:51
 Operator : RP/MD
 Sample : P1538-03
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241098-COMPOSITE-35N-N-4-03

Quant Time: Feb 22 00:04:27 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)

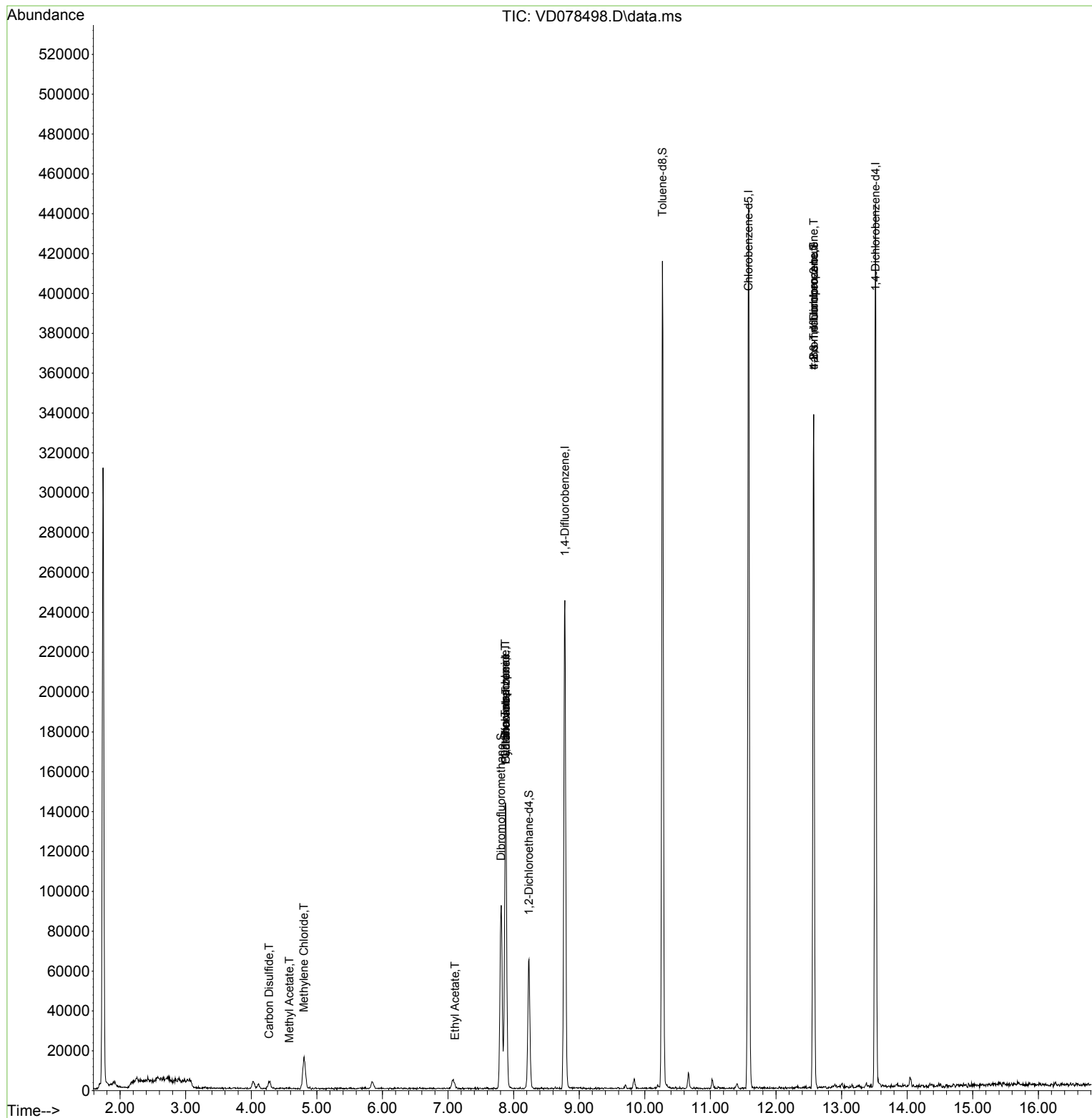
Internal Standards						
1) Pentafluorobenzene	7.881	168	115091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	227835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48120	38.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.340%
35) Dibromofluoromethane	7.810	113	66856	46.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.400%
50) Toluene-d8	10.269	98	291906	50.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.575	95	101729	60.383	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.760%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.269	76	7614	1.804	ug/l #	76
18) Methyl Acetate	4.581	43	77	4.020	ug/l #	42
20) Methylene Chloride	4.805	84	11671	5.531	ug/l	93
25) 2-Butanone	7.105	43	2276	Below Cal	#	76
31) Cyclohexane	7.881	56	2311	1.098	ug/l #	63
36) 1,1-Dichloropropene	7.875	75	9685	4.308	ug/l #	47
37) Ethyl Acetate	7.105	43	2276	2.888	ug/l #	67
38) Carbon Tetrachloride	7.875	117	11432	5.134	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	53086	53.232	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53086	110.511	ug/l #	17

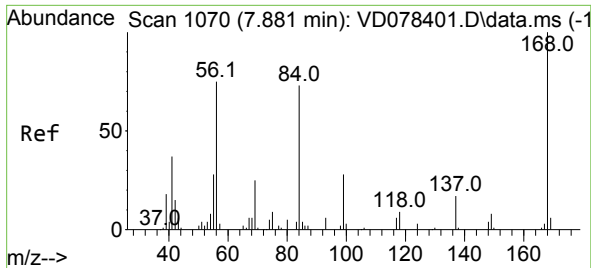
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

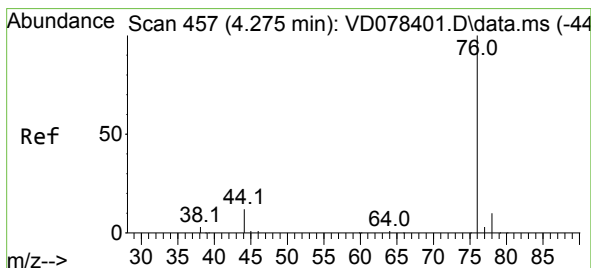
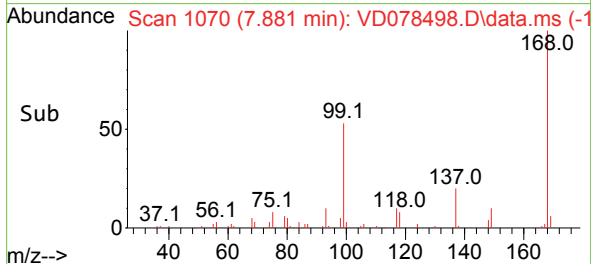
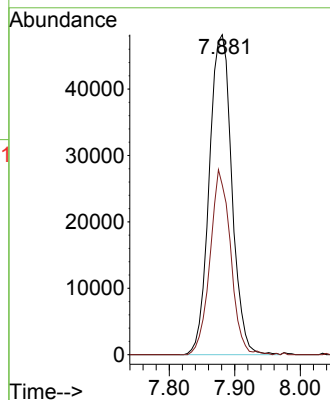
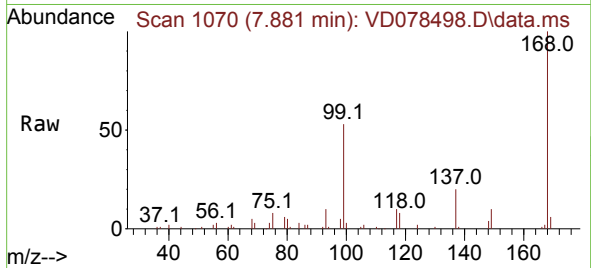




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

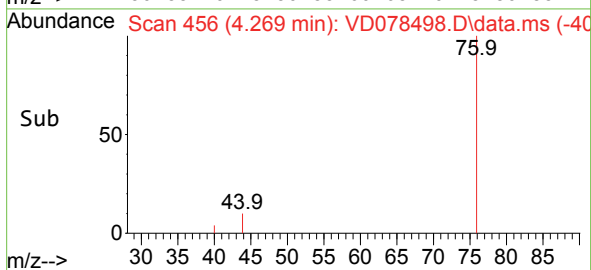
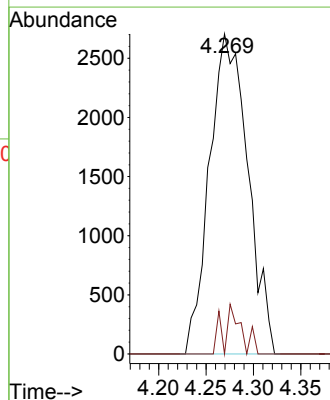
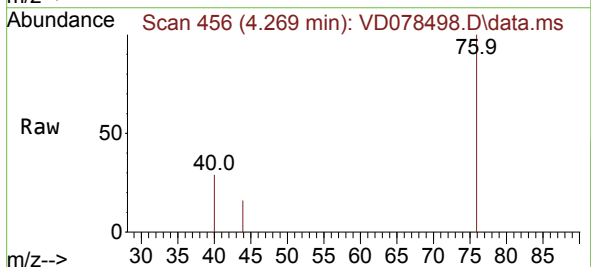
Instrument :
MSVOA_D
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

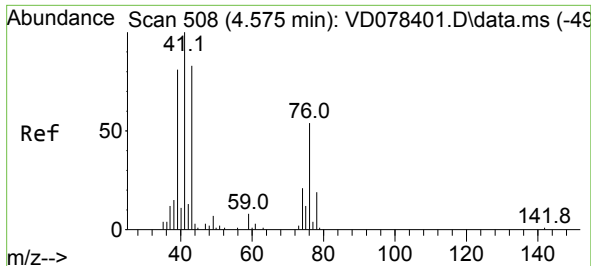
Tgt Ion:168 Resp: 115091
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#17
Carbon Disulfide
Concen: 1.804 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion: 76 Resp: 7614
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

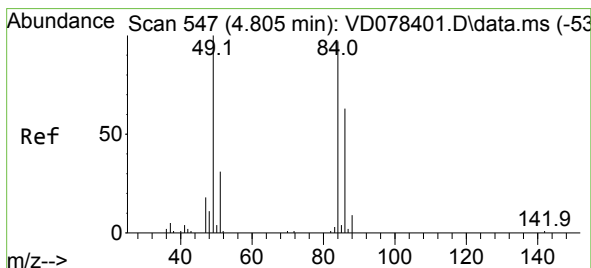
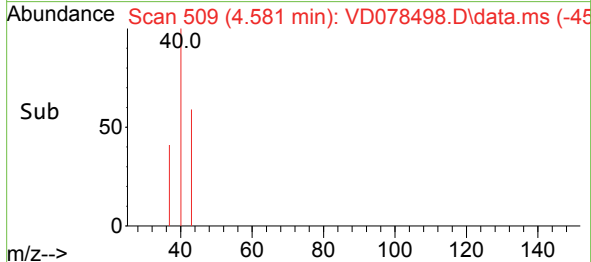
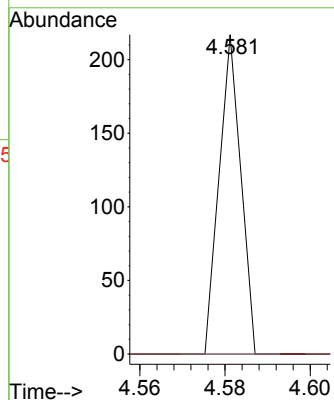
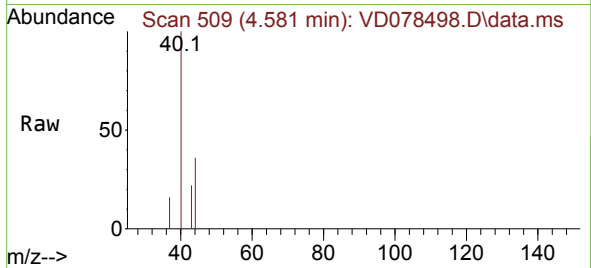




#18
Methyl Acetate
Concen: 4.020 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.006 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

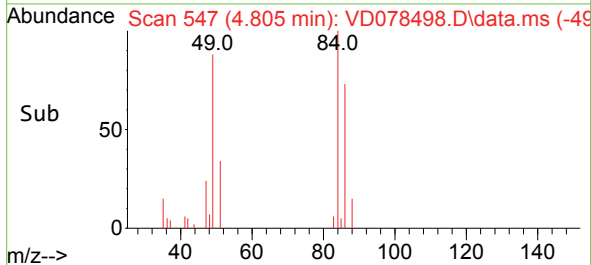
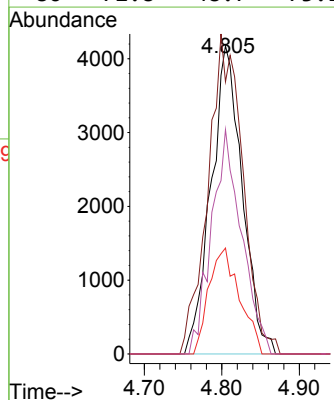
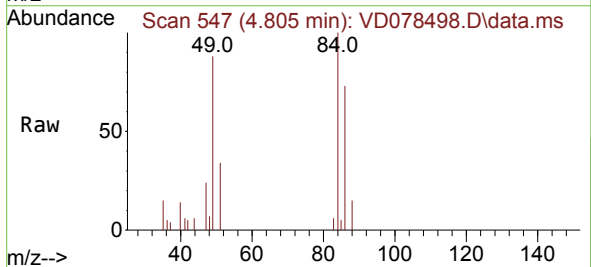
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MSVOA_D
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20241098-COMPOSITE-35N-N-4-03

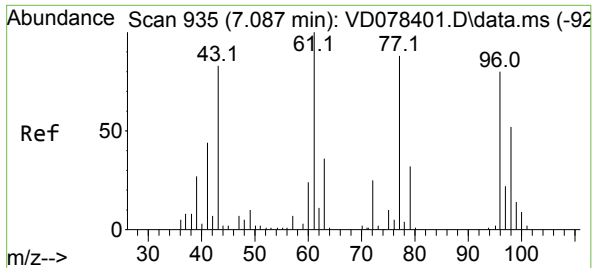
Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 5.531 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion: 84 Resp: 11671
Ion Ratio Lower Upper
84 100
49 88.3 71.4 107.2
51 34.4 24.5 36.7
86 72.8 48.7 73.1

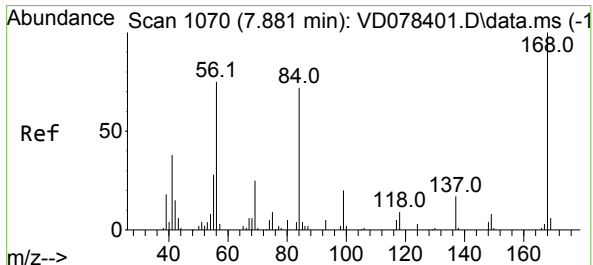
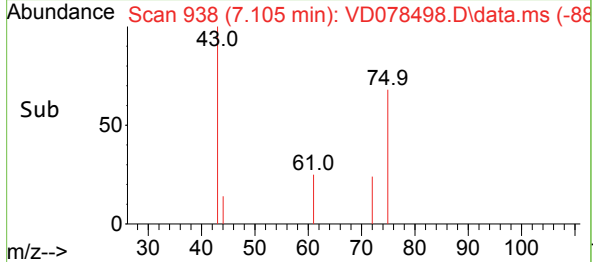
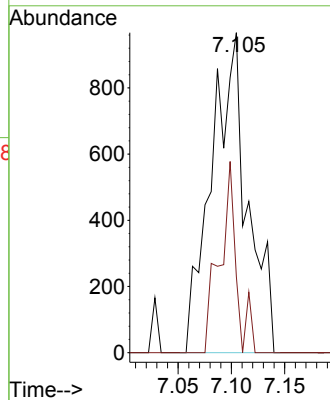
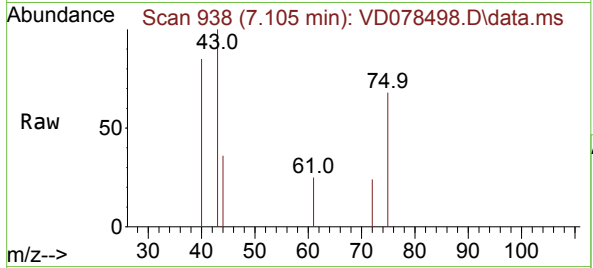




#25
2-Butanone
Concen: Below Cal
RT: 7.105 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

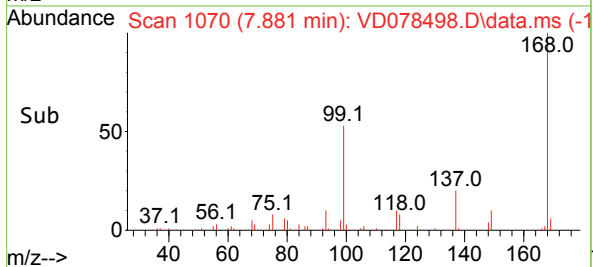
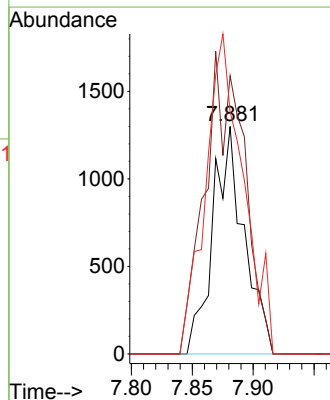
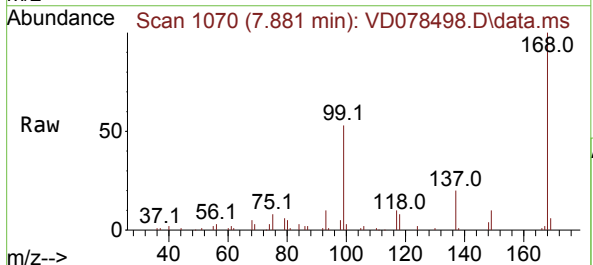
Instrument :
MSVOA_D
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

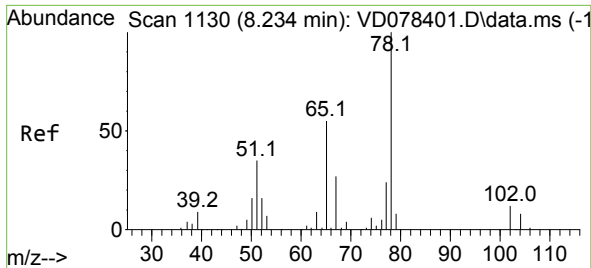
Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
72 23.8 30.7 46.1#



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion: 56 Resp: 2311
Ion Ratio Lower Upper
56 100
69 122.2 28.6 43.0#
84 106.4 84.8 127.2

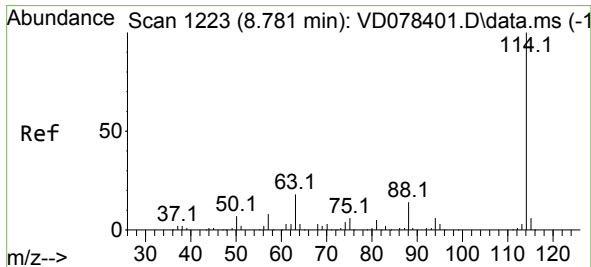
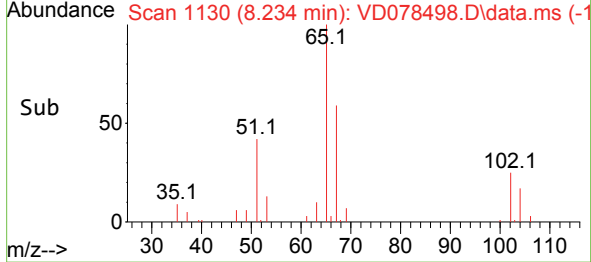
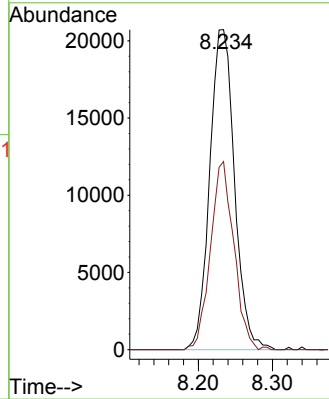
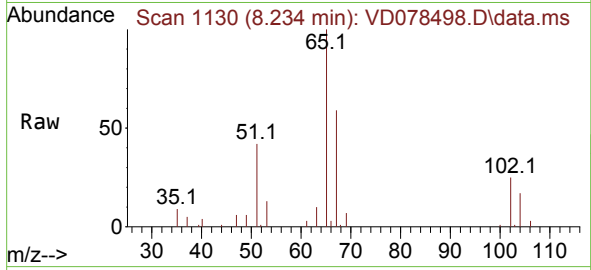




#33
1,2-Dichloroethane-d4
Concen: 38.669 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

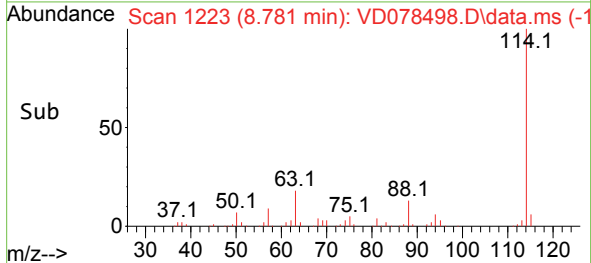
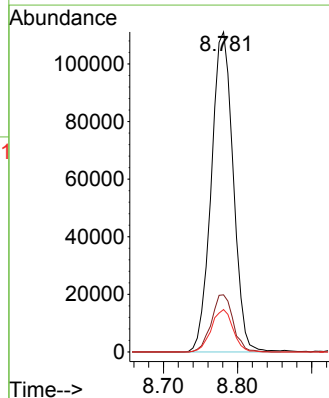
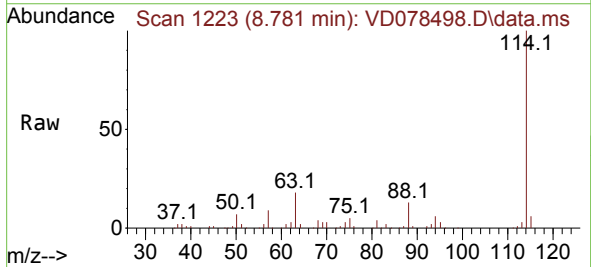
Instrument : MSVOA_D
ClientSampleId : 20241098-COMPOSITE-35N-N-4-03

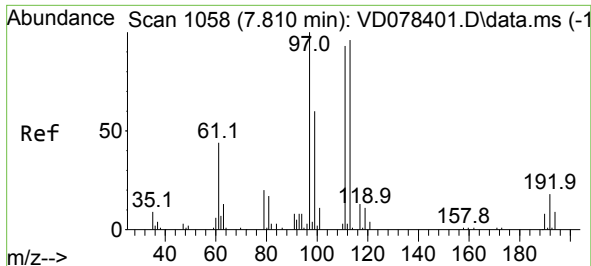
Tgt Ion: 65 Resp: 48120
Ion Ratio Lower Upper
65 100
67 55.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion: 114 Resp: 227835
Ion Ratio Lower Upper
114 100
63 17.9 0.0 33.4
88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.195 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078498.D

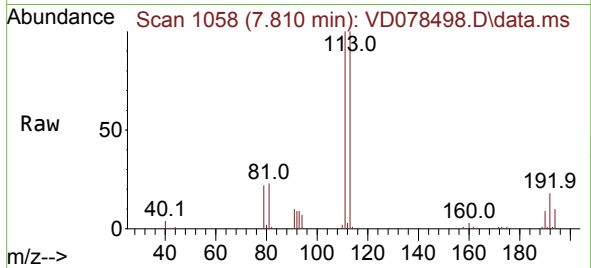
Acq: 21 Feb 2024 14:51

Instrument :

MSVOA_D

ClientSampleId :

20241098-COMPOSITE-35N-N-4-03



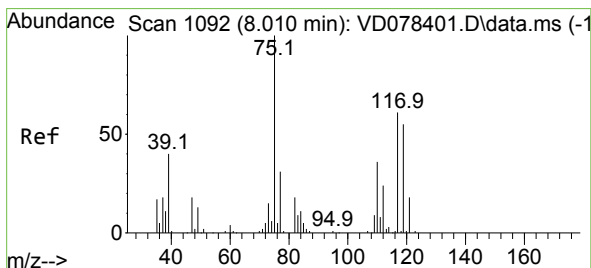
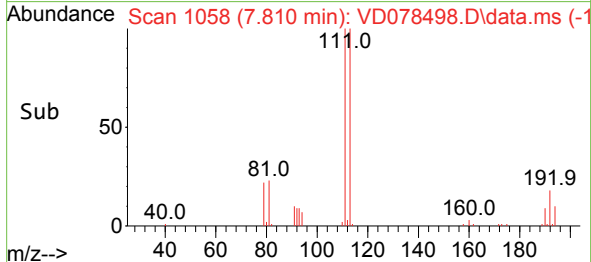
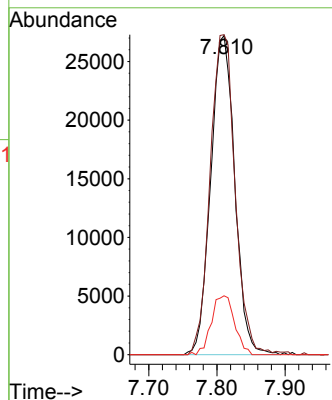
Tgt Ion:113 Resp: 66856

Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

192 17.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.308 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078498.D

Acq: 21 Feb 2024 14:51

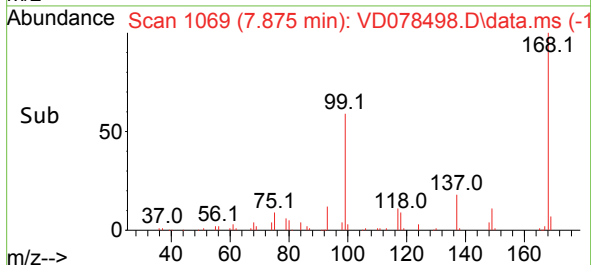
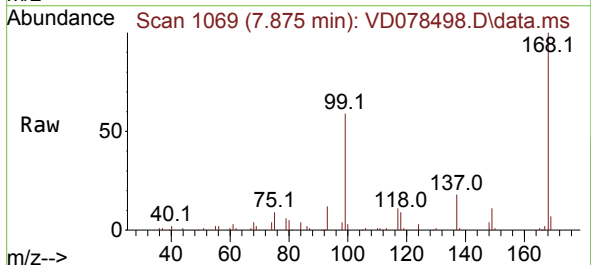
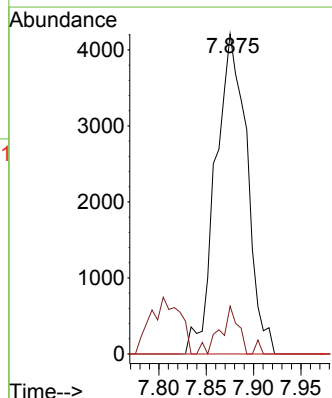
Tgt Ion: 75 Resp: 9685

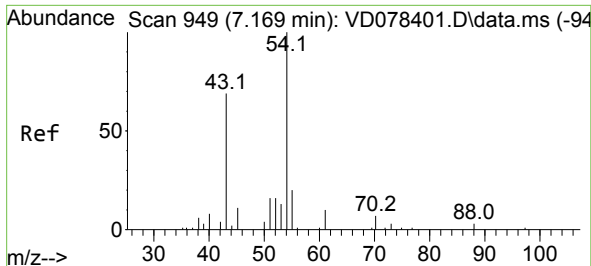
Ion Ratio Lower Upper

75 100

110 8.5 19.9 59.6#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.888 ug/l

RT: 7.105 min Scan# 91

Delta R.T. -0.065 min

Lab File: VD078498.D

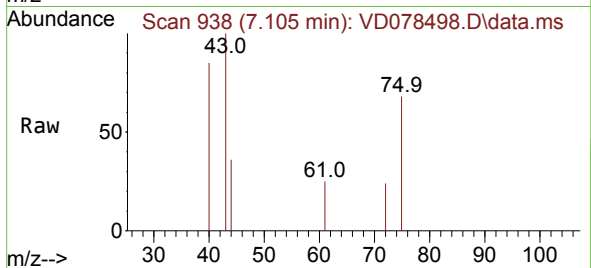
Acq: 21 Feb 2024 14:51

Instrument :

MSVOA_D

ClientSampleId :

20241098-COMPOSITE-35N-N-4-03



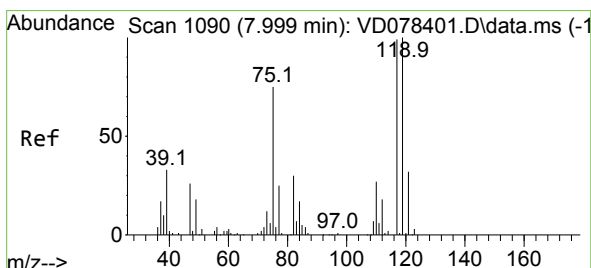
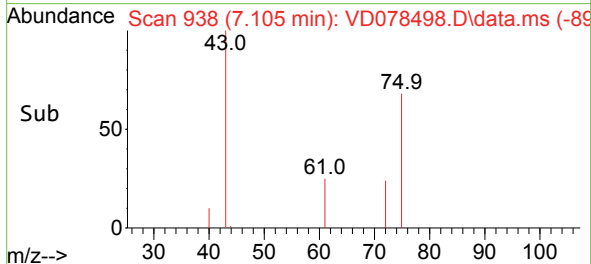
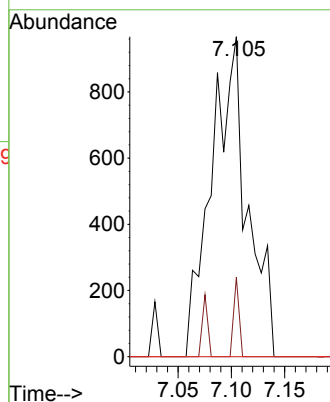
Tgt Ion: 43 Resp: 2276

Ion Ratio Lower Upper

43 100

61 3.7 14.9 22.3#

70 0.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 5.134 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD078498.D

Acq: 21 Feb 2024 14:51

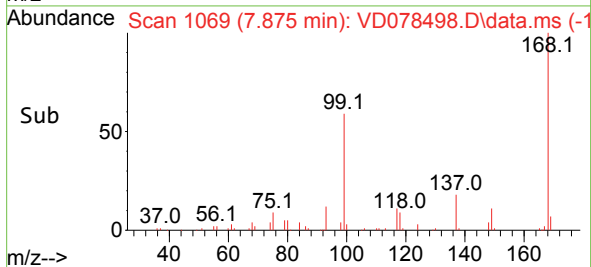
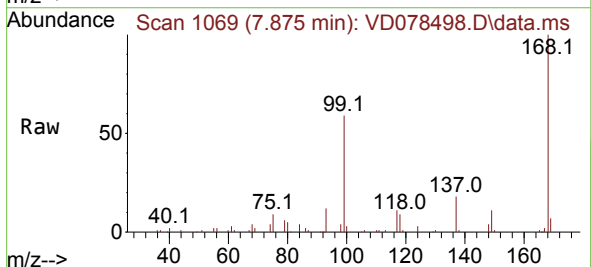
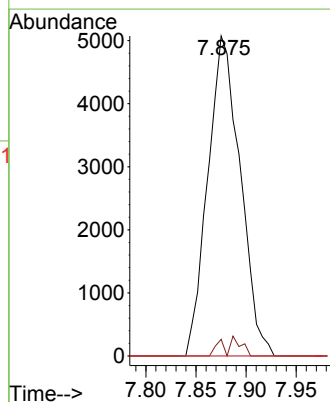
Tgt Ion: 117 Resp: 11432

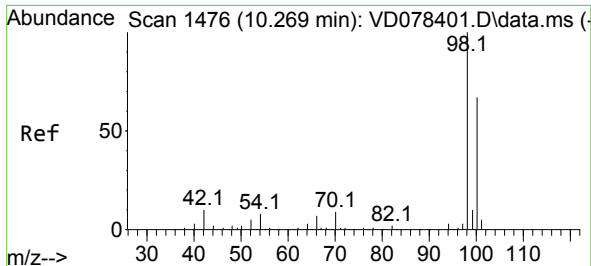
Ion Ratio Lower Upper

117 100

119 5.2 78.0 117.0#

121 0.0 24.2 36.2#

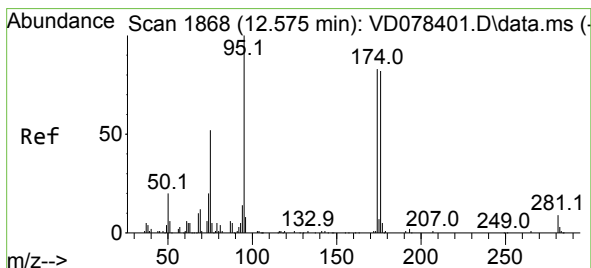
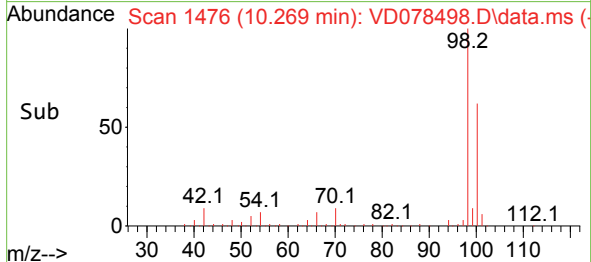
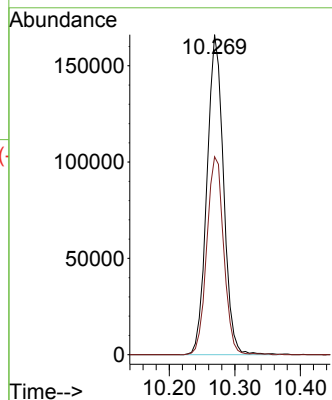
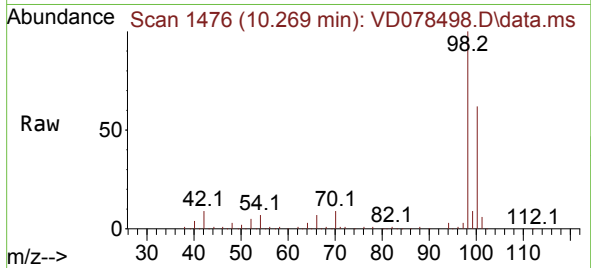




#50
Toluene-d8
Concen: 50.421 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

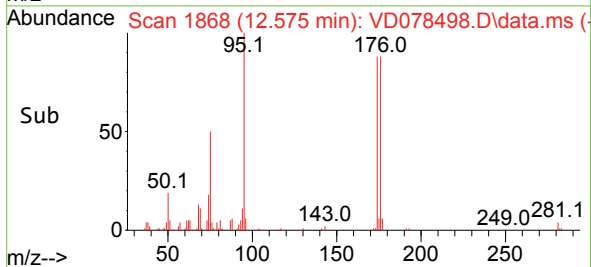
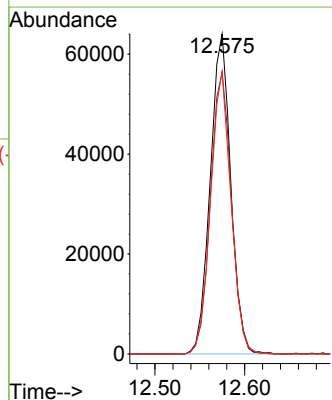
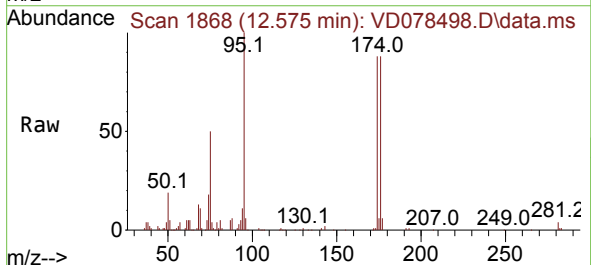
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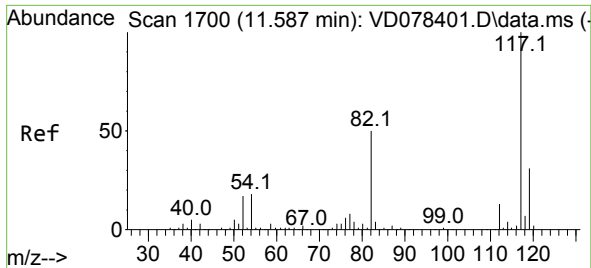
Tgt Ion: 98 Resp: 291906
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.383 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion: 95 Resp: 101729
Ion Ratio Lower Upper
95 100
174 90.1 0.0 201.8
176 87.5 0.0 191.8

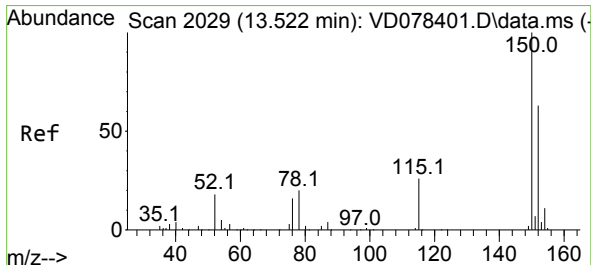
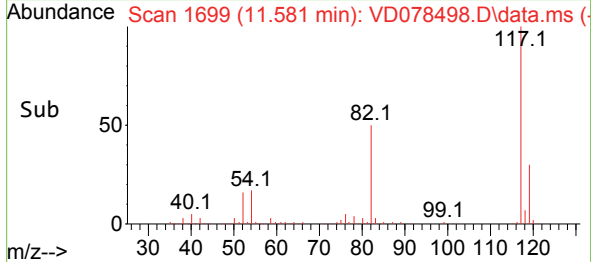
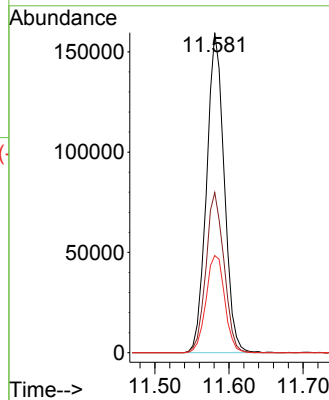
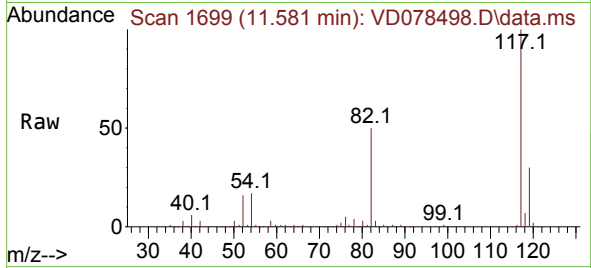




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

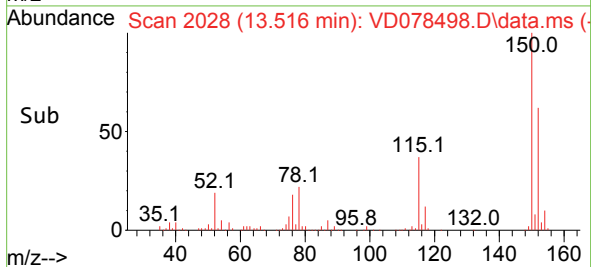
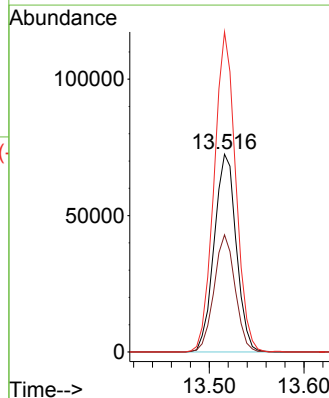
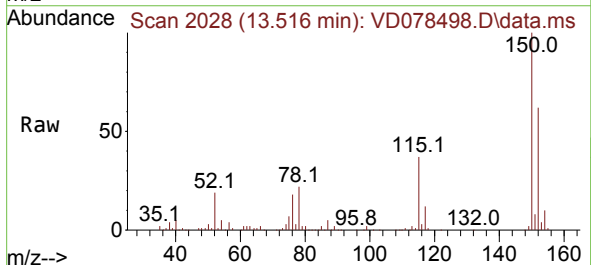
Instrument :
MSVOA_D
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

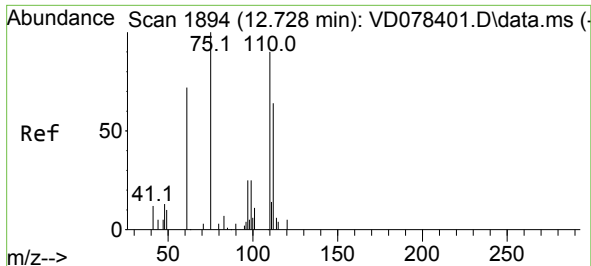
Tgt Ion:117 Resp: 263453
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 30.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion:152 Resp: 117466
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 158.5 0.0 353.6

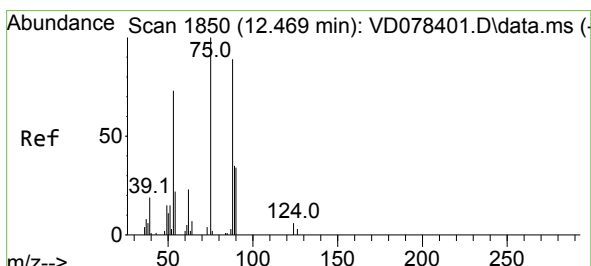
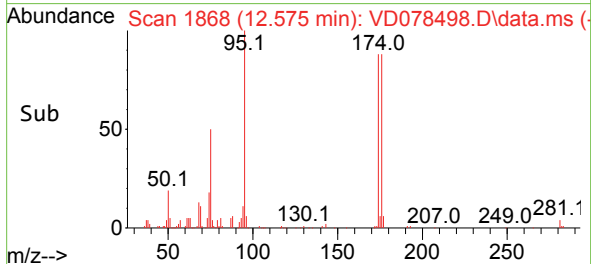
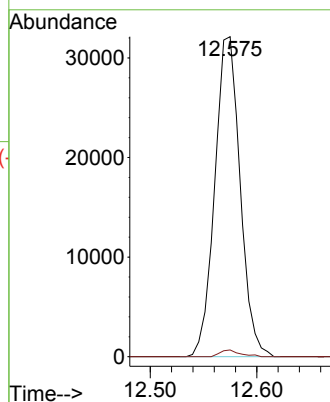
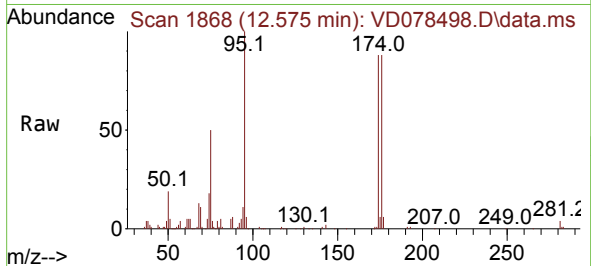




#76
1,2,3-Trichloropropane
Concen: 53.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Instrument : MSVOA_D
ClientSampleId : 20241098-COMPOSITE-35N-N-4-03

Tgt Ion: 75 Resp: 53086
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.511 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion: 75 Resp: 53086
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

