

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078464.D
 Acq On : 19 Feb 2024 15:29
 Operator : RP/MD
 Sample : P1506-11
 Misc : 5.03G/8ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-195-GW-860-862

Quant Time: Feb 20 00:53:45 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)

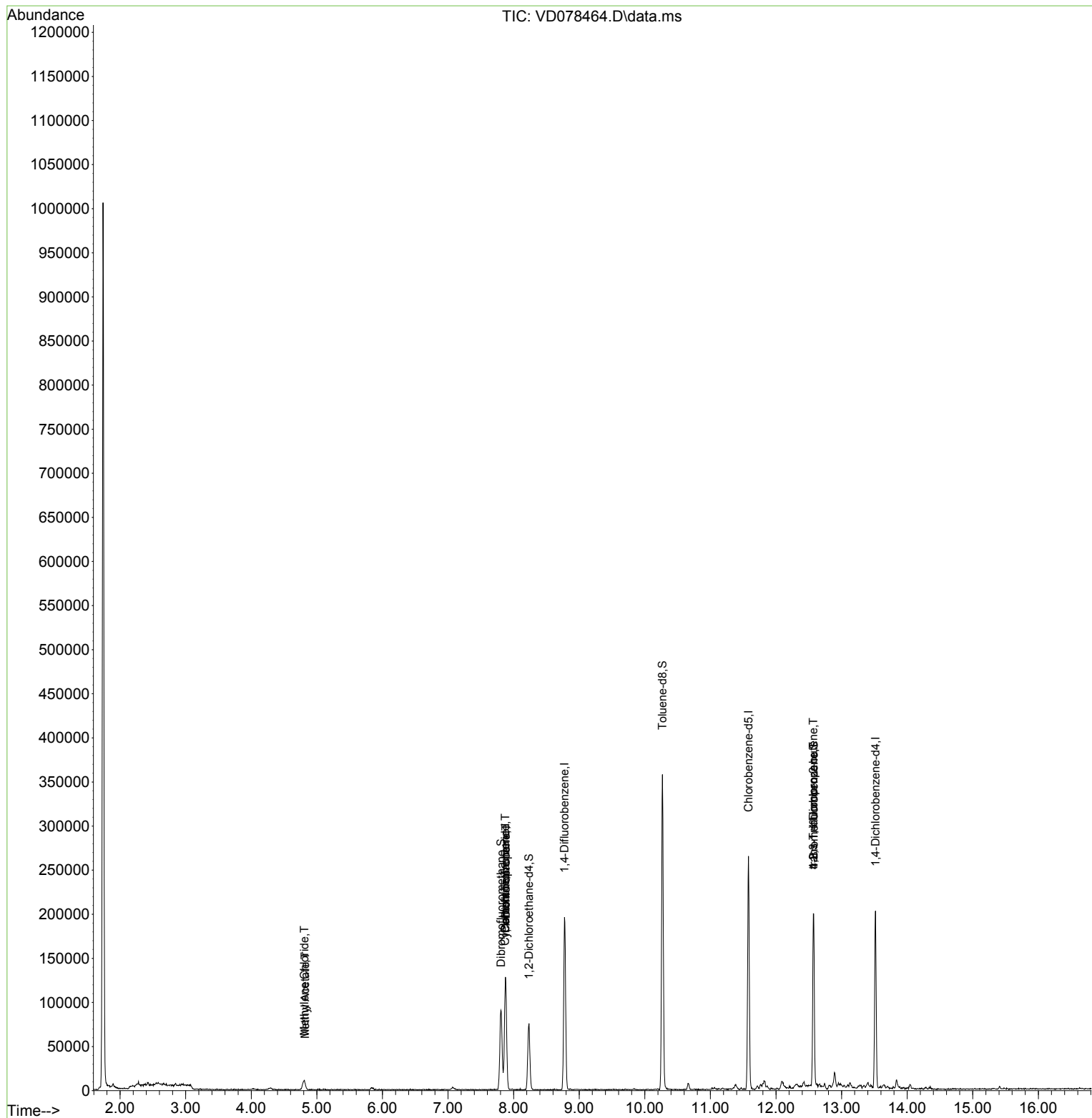
Internal Standards						
1) Pentafluorobenzene	7.875	168	100834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	181116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	156957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	53429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58752	53.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.780%	
35) Dibromofluoromethane	7.811	113	69239	60.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.360%	
50) Toluene-d8	10.269	98	250692	54.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.940%	
62) 4-Bromofluorobenzene	12.575	95	61617	46.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.020%	
Target Compounds						
16) Acetone	4.022	43	700	Below Cal	#	85
18) Methyl Acetate	4.822	43	56	4.006	ug/l #	42
20) Methylene Chloride	4.811	84	9138	4.593	ug/l #	93
25) 2-Butanone	7.122	43	122	Below Cal	#	37
31) Cyclohexane	7.869	56	2316	1.256	ug/l #	67
36) 1,1-Dichloropropene	7.881	75	8869	4.962	ug/l #	43
38) Carbon Tetrachloride	7.875	117	10298	5.818	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	31441	69.315	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	31441	143.899	ug/l #	18

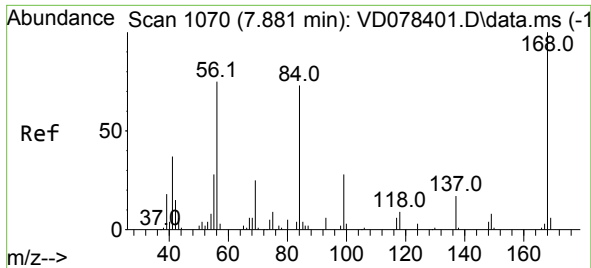
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

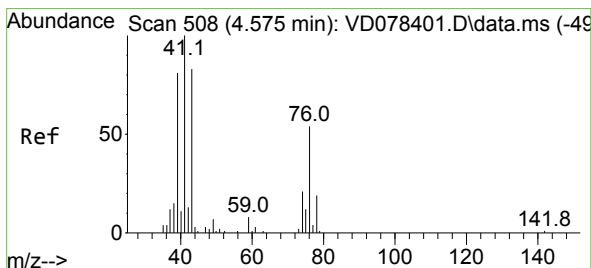
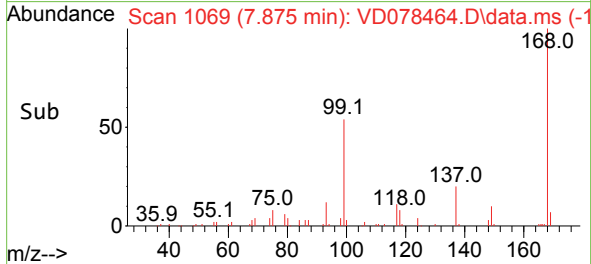
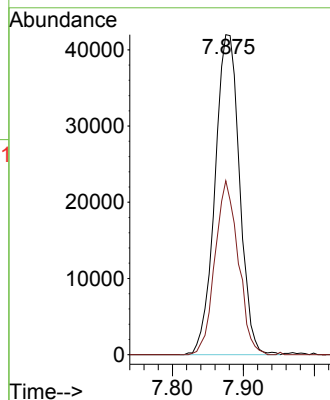
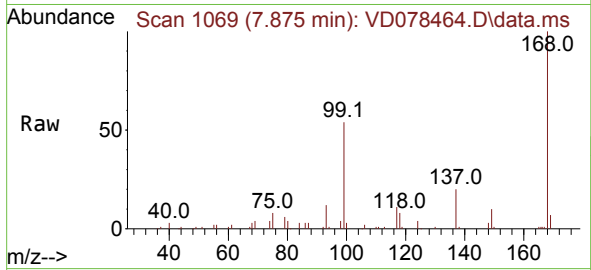




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

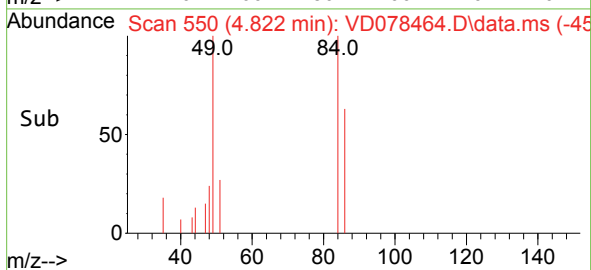
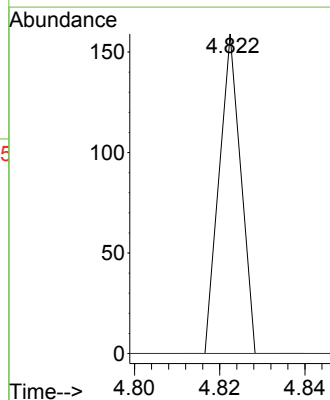
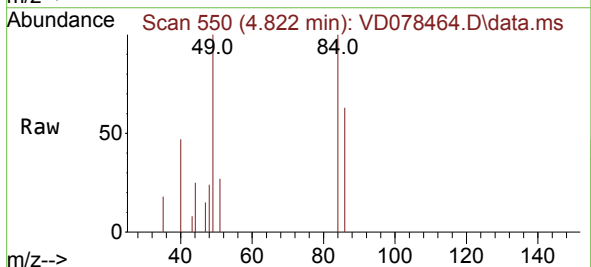
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862

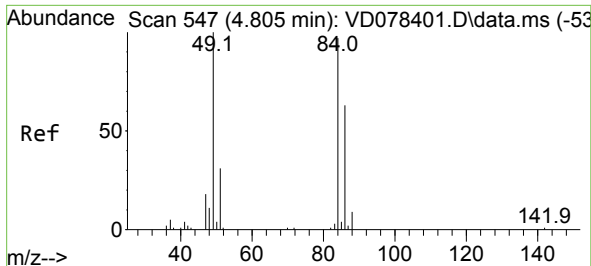
Tgt Ion:168 Resp: 100834
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1



#18
Methyl Acetate
Concen: 4.006 ug/l
RT: 4.822 min Scan# 550
Delta R.T. 0.247 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

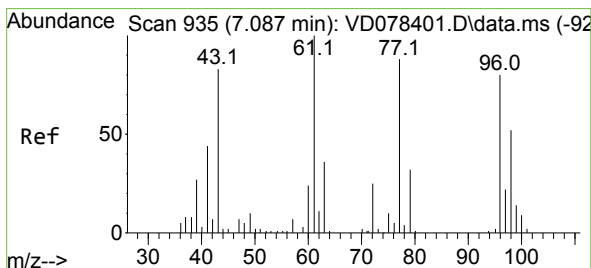
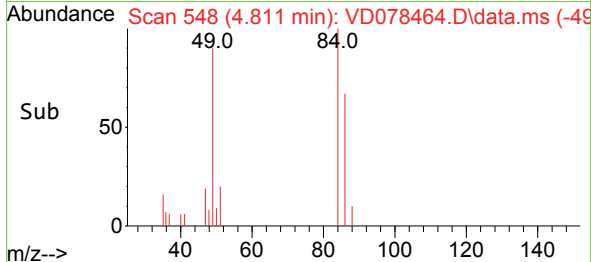
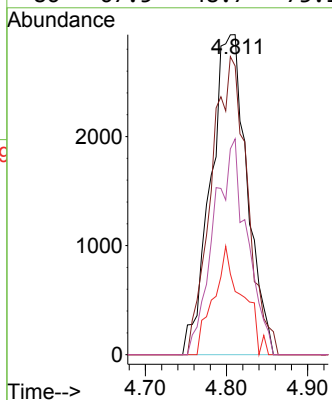
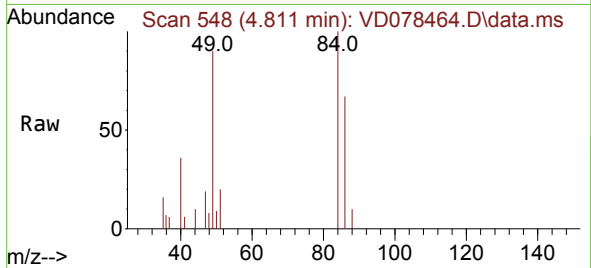




#20
Methylene Chloride
Concen: 4.593 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

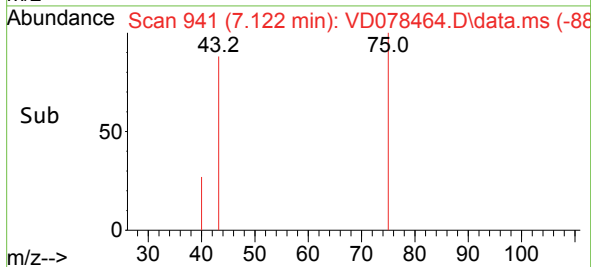
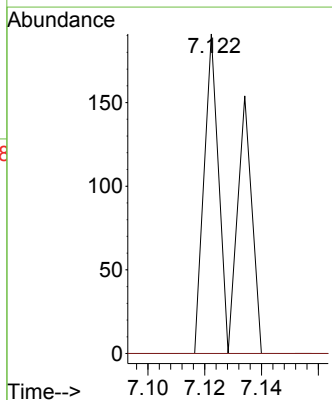
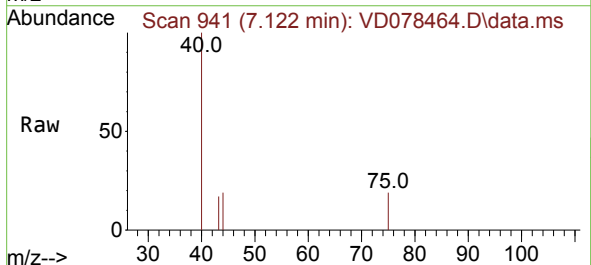
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862

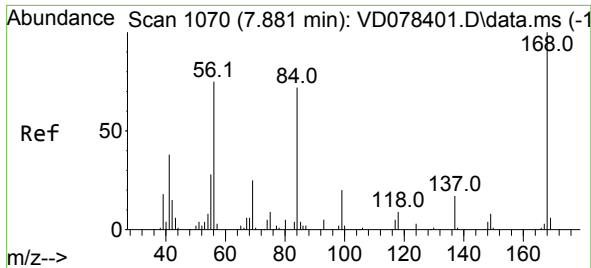
Tgt Ion:	84	Resp:	9138
Ion	Ratio	Lower	Upper
84	100		
49	90.2	71.4	107.2
51	19.8	24.5	36.7#
86	67.5	48.7	73.1



#25
2-Butanone
Concen: Below Cal
RT: 7.122 min Scan# 941
Delta R.T. 0.035 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

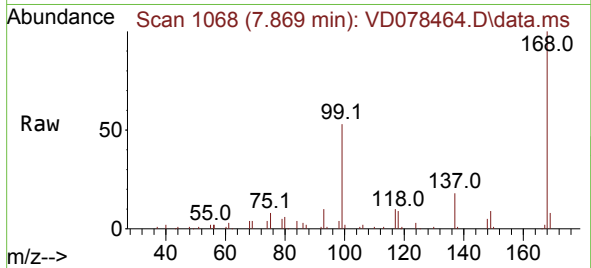
Tgt Ion:	43	Resp:	122
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



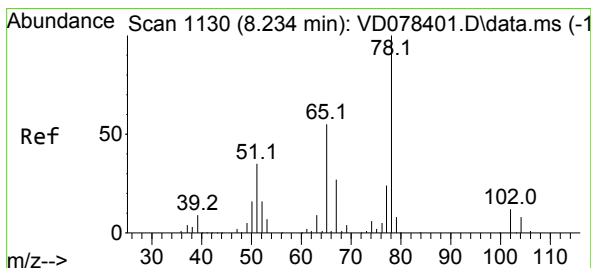
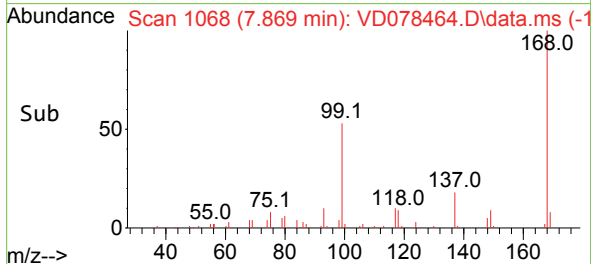
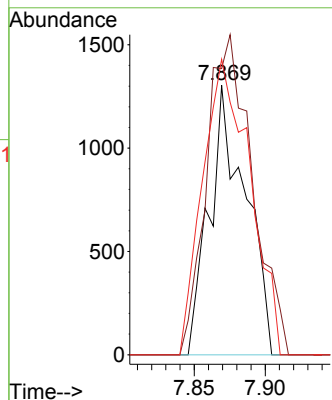


#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862

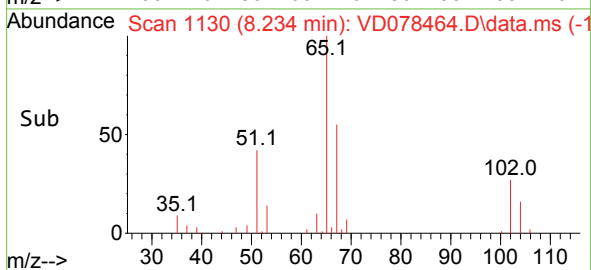
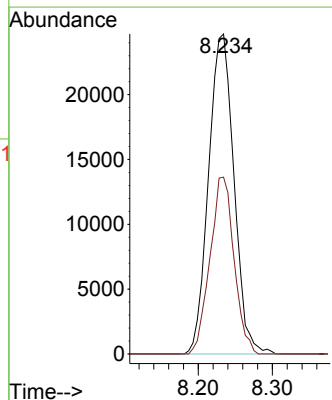
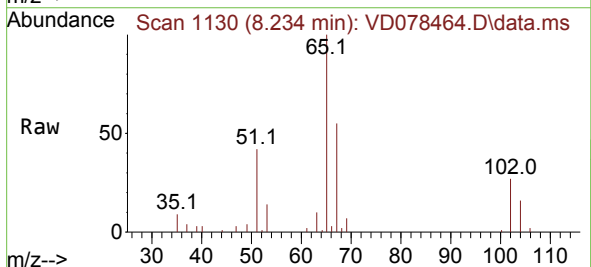


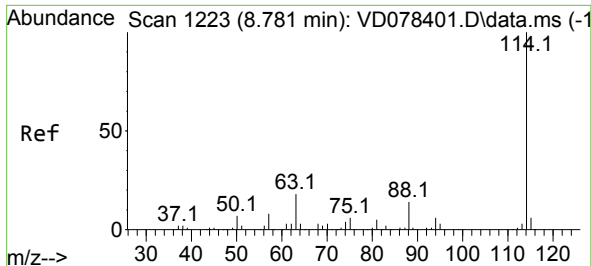
Tgt Ion: 56 Resp: 2316
Ion Ratio Lower Upper
56 100
69 106.2 28.6 43.0#
84 109.7 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 53.888 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

Tgt Ion: 65 Resp: 58752
Ion Ratio Lower Upper
65 100
67 52.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078464.D

Acq: 19 Feb 2024 15:29

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-195-GW-860-862

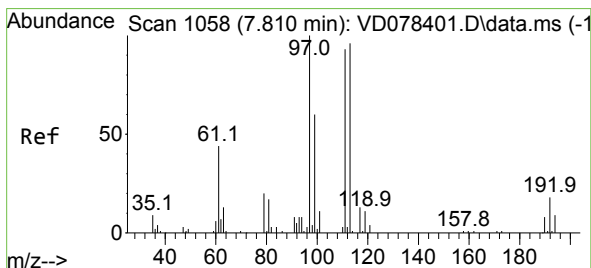
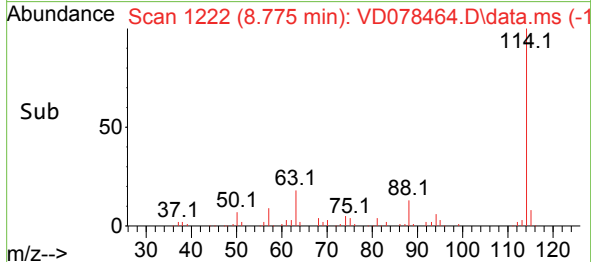
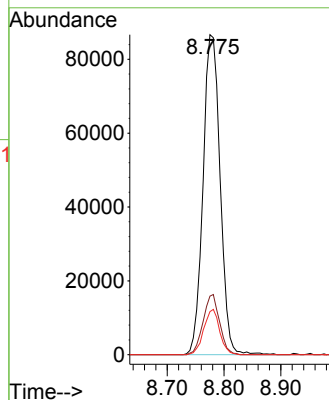
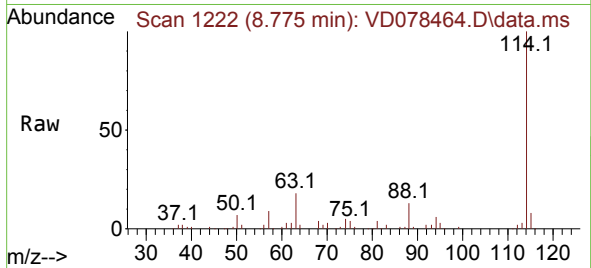
Tgt Ion:114 Resp: 181116

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 60.183 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078464.D

Acq: 19 Feb 2024 15:29

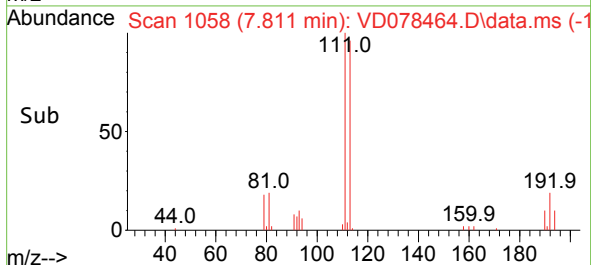
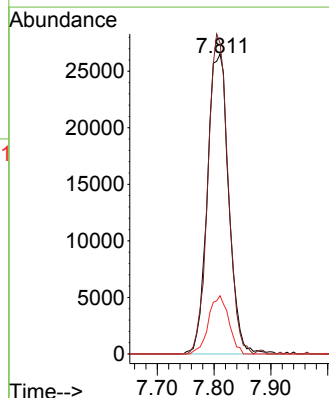
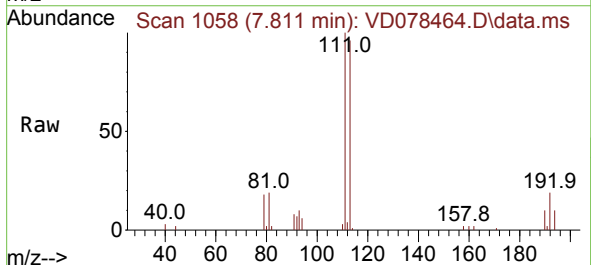
Tgt Ion:113 Resp: 69239

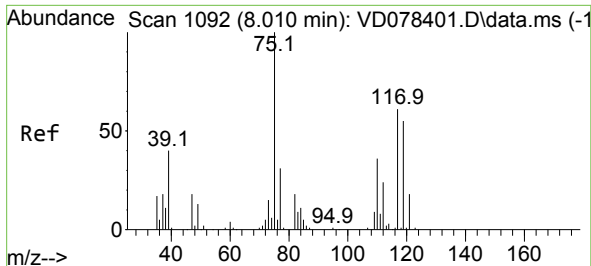
Ion Ratio Lower Upper

113 100

111 100.2 84.7 127.1

192 18.3 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.962 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD078464.D

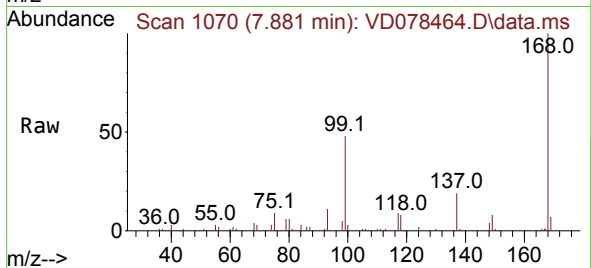
Acq: 19 Feb 2024 15:29

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-195-GW-860-862



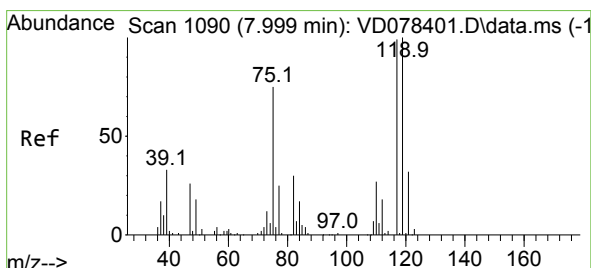
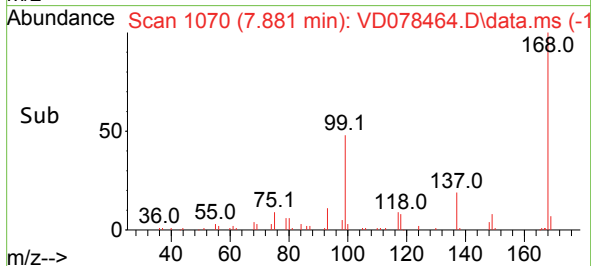
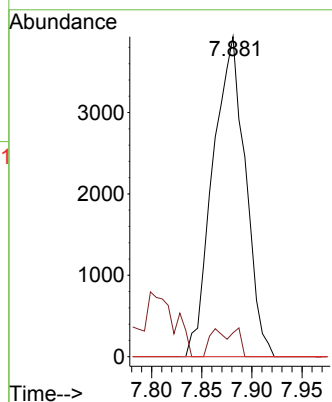
Tgt Ion: 75 Resp: 8869

Ion Ratio Lower Upper

75 100

110 4.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.818 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.123 min

Lab File: VD078464.D

Acq: 19 Feb 2024 15:29

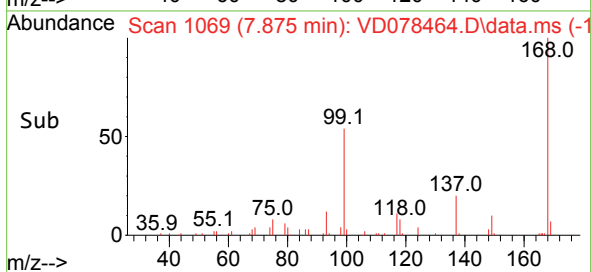
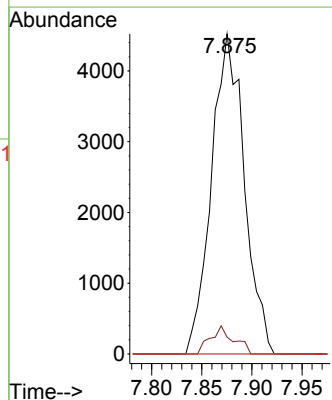
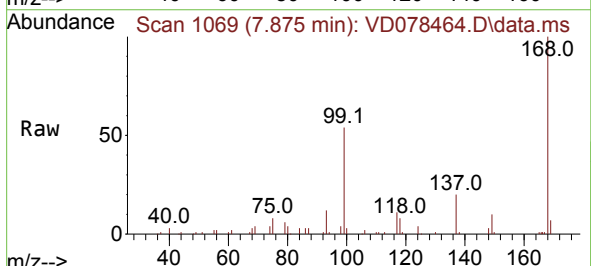
Tgt Ion: 117 Resp: 10298

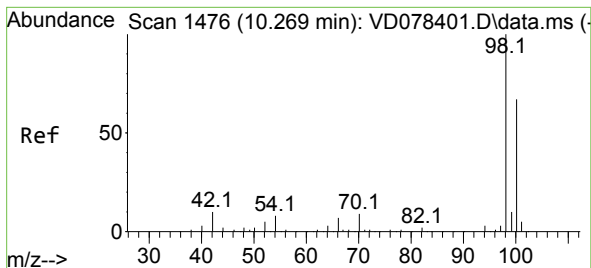
Ion Ratio Lower Upper

117 100

119 5.2 78.0 117.0#

121 0.0 24.2 36.2#

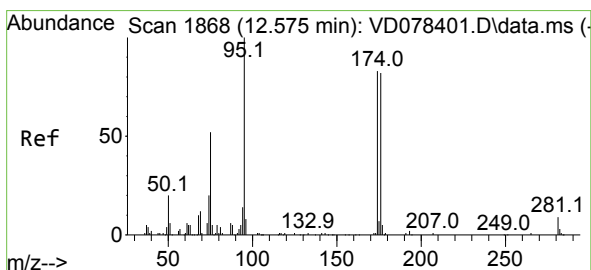
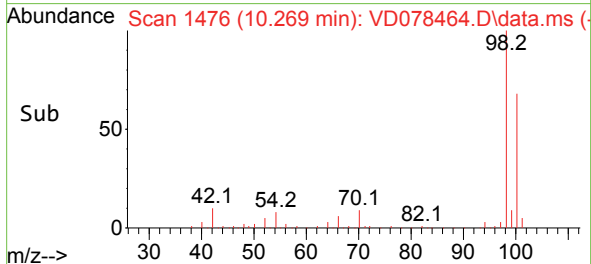
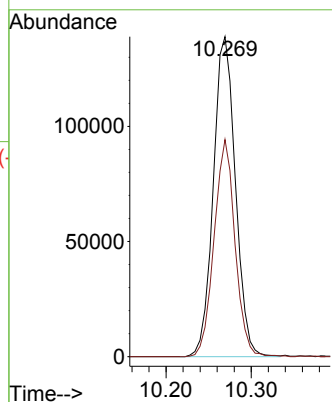
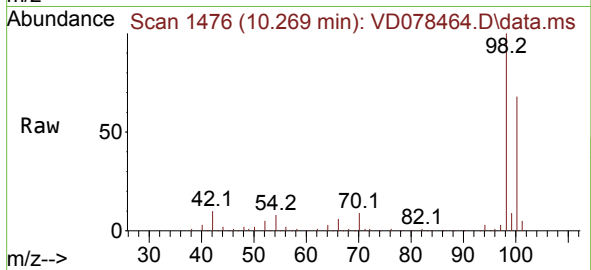




#50
Toluene-d8
Concen: 54.472 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

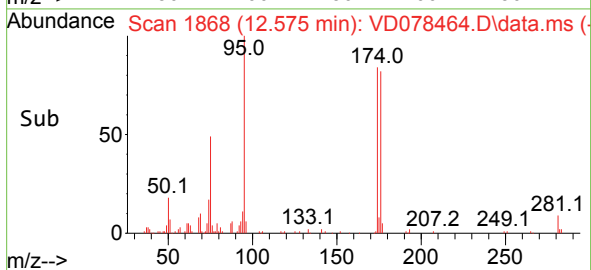
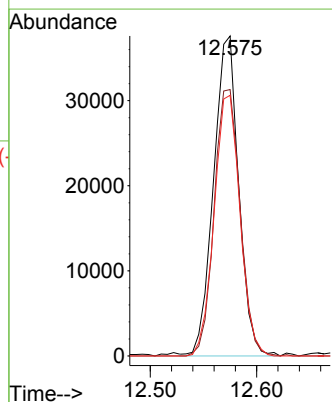
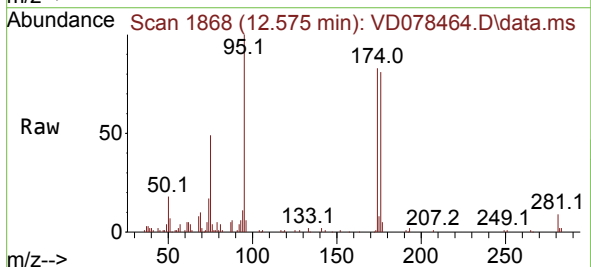
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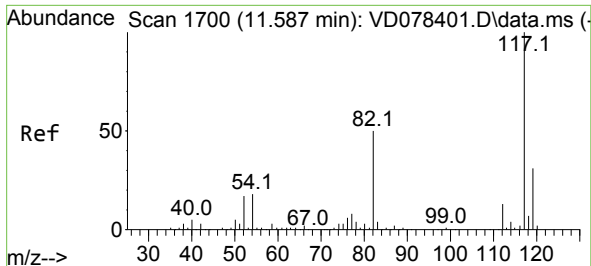
Tgt Ion: 98 Resp: 250692
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.008 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

Tgt Ion: 95 Resp: 61617
Ion Ratio Lower Upper
95 100
174 85.8 0.0 201.8
176 83.5 0.0 191.8

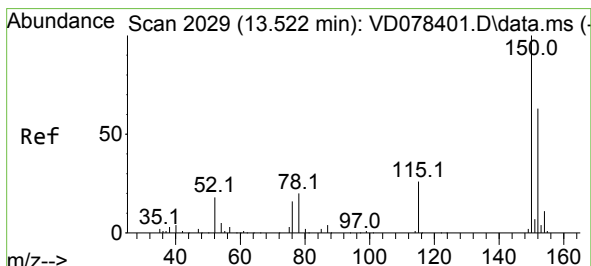
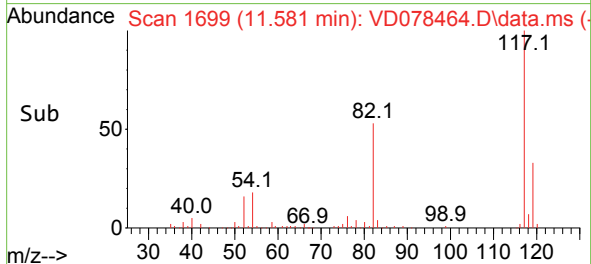
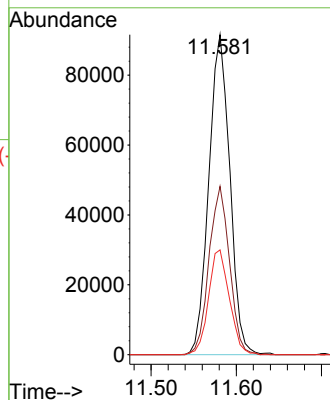
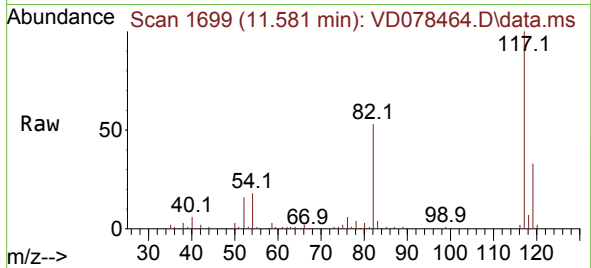




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

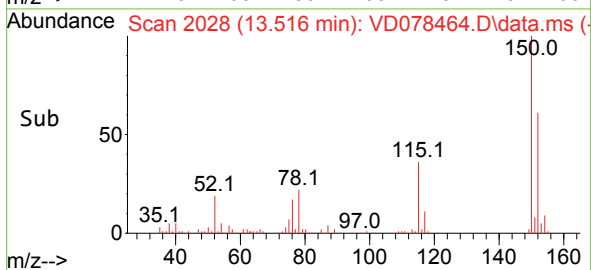
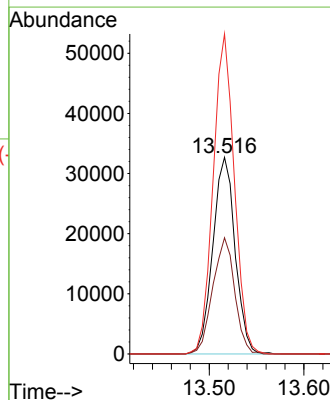
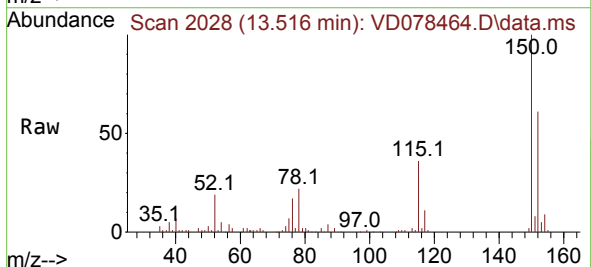
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862

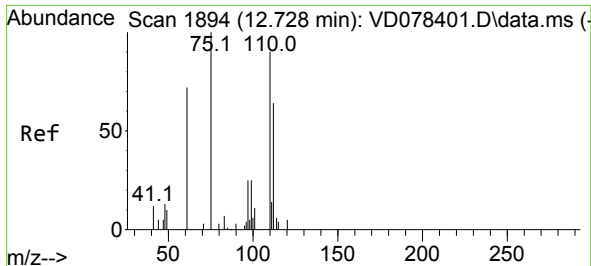
Tgt Ion:117 Resp: 156957
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 32.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

Tgt Ion:152 Resp: 53429
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 154.6 0.0 353.6

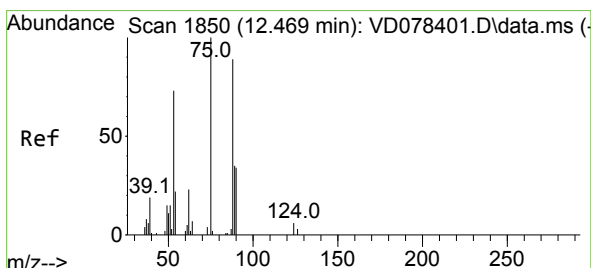
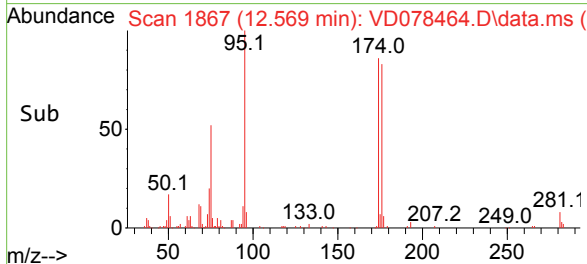
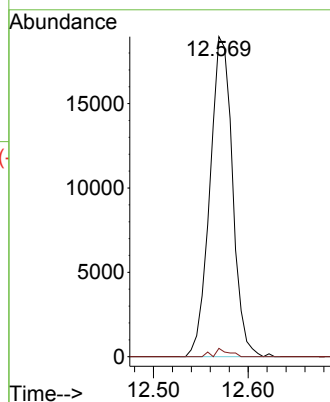
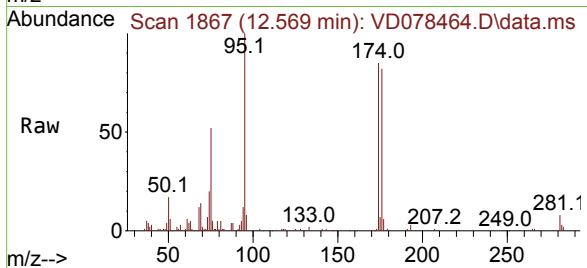




#76
1,2,3-Trichloropropane
Concen: 69.315 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862

Tgt Ion: 75 Resp: 31441
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.899 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078464.D
Acq: 19 Feb 2024 15:29

Tgt Ion: 75 Resp: 31441
Ion Ratio Lower Upper
75 100
53 0.4 63.0 94.4#
89 0.0 37.9 56.9#

