

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078467.D
 Acq On : 19 Feb 2024 16:51
 Operator : RP/MD
 Sample : P1506-11RE
 Misc : 5.03G/8ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 20 00:54:42 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)

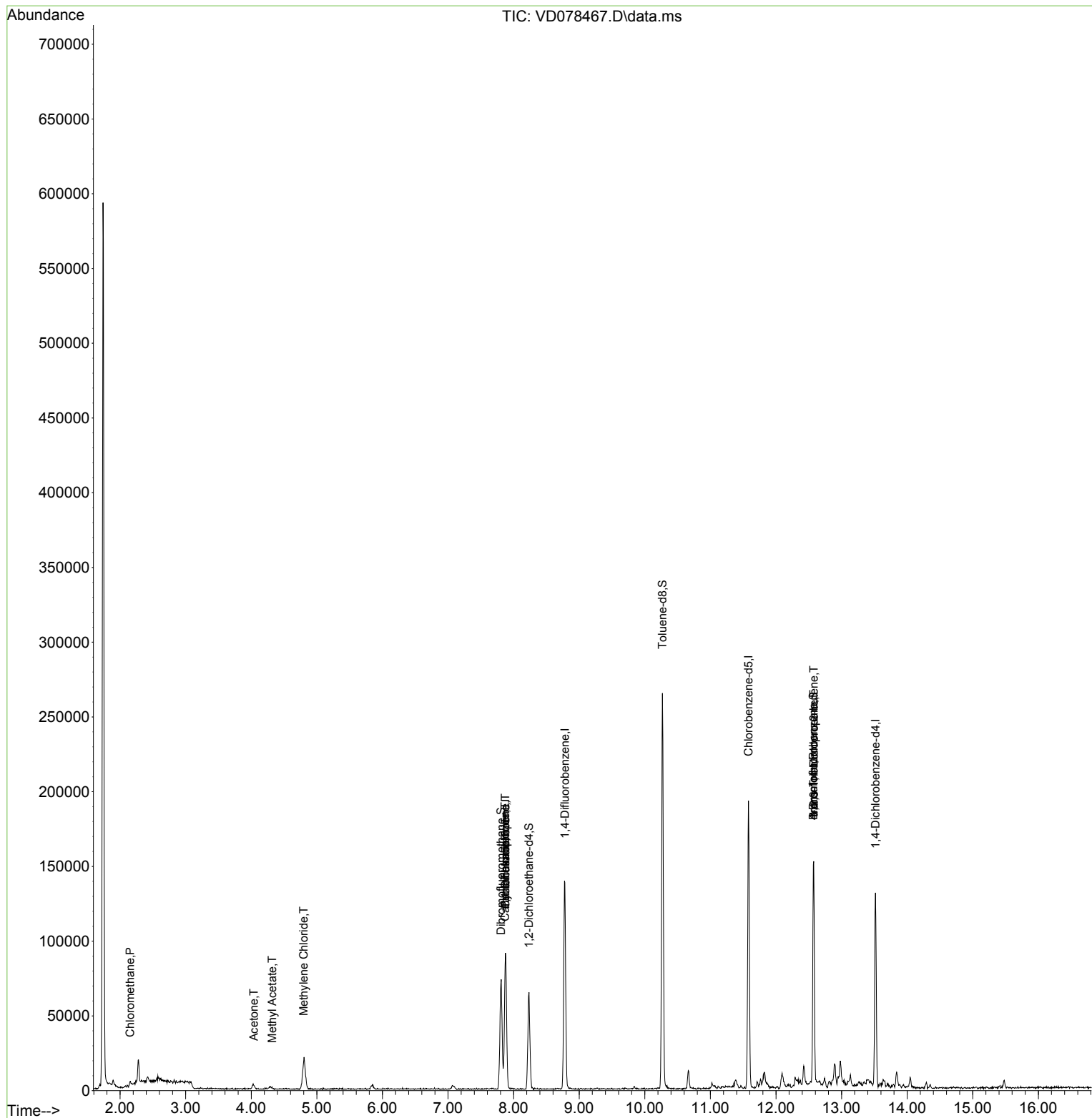
Internal Standards						
1) Pentafluorobenzene	7.875	168	69316	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	129297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	112228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47681	63.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.240%	
35) Dibromofluoromethane	7.810	113	53659	65.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.660%	
50) Toluene-d8	10.269	98	183795	55.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.880%	
62) 4-Bromofluorobenzene	12.569	95	44118	46.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	1673	1.333	ug/l #	84
16) Acetone	4.040	43	5027	12.271	ug/l #	71
18) Methyl Acetate	4.316	43	239	4.355	ug/l #	42
20) Methylene Chloride	4.799	84	16482	17.399	ug/l	93
25) 2-Butanone	7.099	43	206	Below Cal	#	37
31) Cyclohexane	7.875	56	1665	1.313	ug/l #	71
36) 1,1-Dichloropropene	7.875	75	5738	4.497	ug/l #	44
38) Carbon Tetrachloride	7.869	117	7001	5.541	ug/l #	17
71) Bromoform	12.569	173	459	1.052	ug/l #	28
76) 1,2,3-Trichloropropane	12.575	75	23155	75.144	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	23155	156.000	ug/l #	17

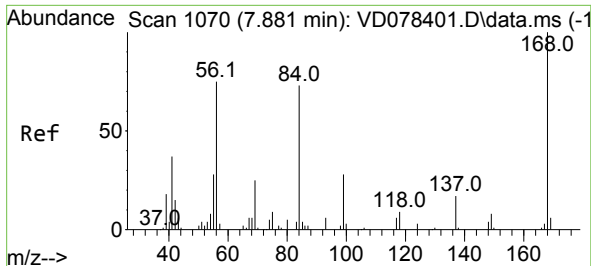
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
Data File : VD078467.D
Acq On : 19 Feb 2024 16:51
Operator : RP/MD
Sample : P1506-11RE
Misc : 5.03G/8ml/MSVOA_D/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 20 00:54:42 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

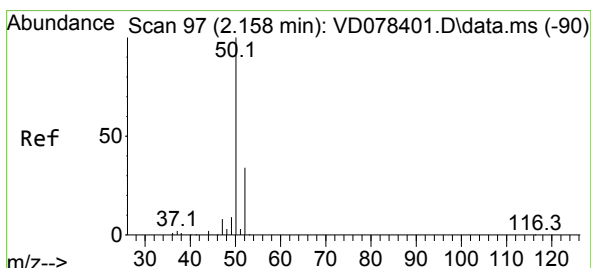
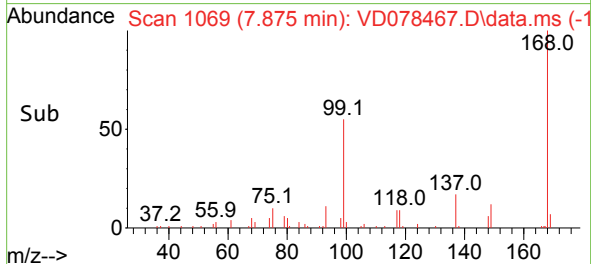
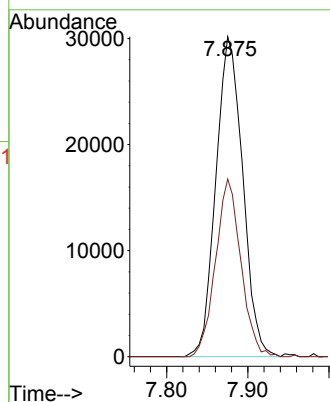
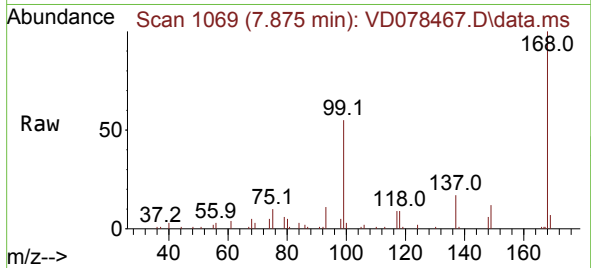




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

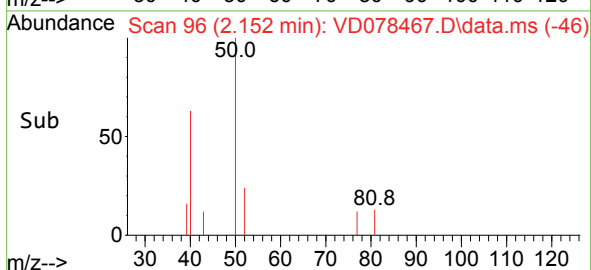
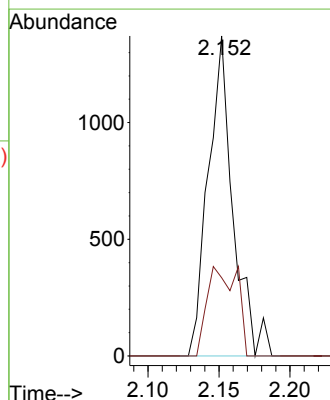
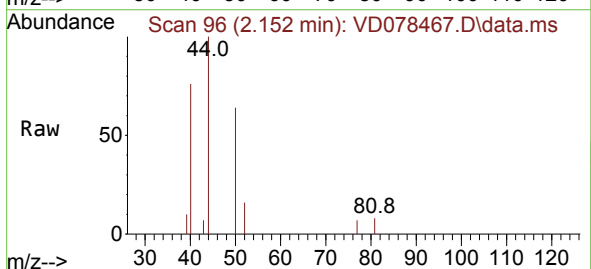
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862RE

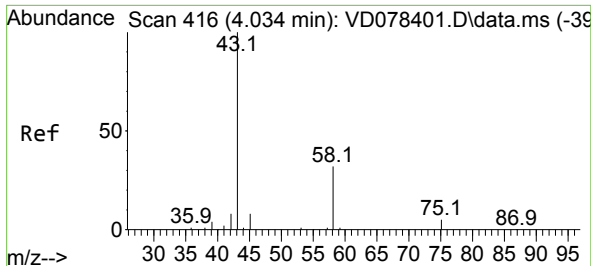
Tgt Ion:168 Resp: 69316
Ion Ratio Lower Upper
168 100
99 55.5 36.7 55.1#



#3
Chloromethane
Concen: 1.333 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

Tgt Ion: 50 Resp: 1673
Ion Ratio Lower Upper
50 100
52 24.4 26.6 40.0#

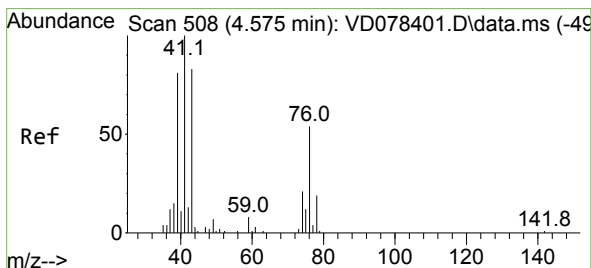
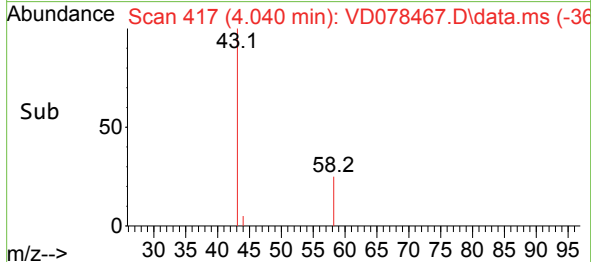
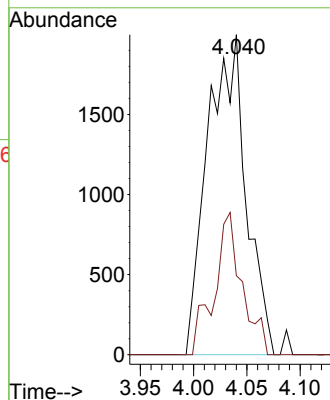
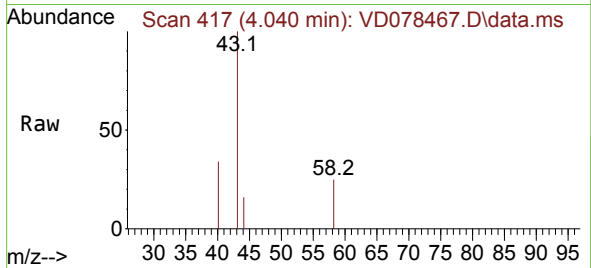




#16
Acetone
Concen: 12.271 ug/l
RT: 4.040 min Scan# 416
Delta R.T. 0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

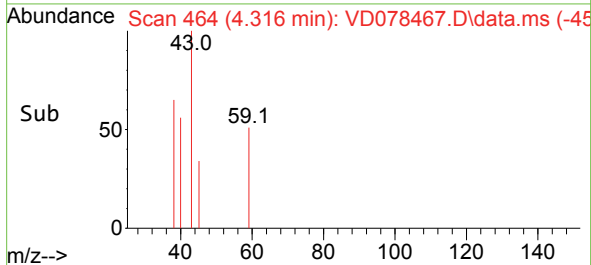
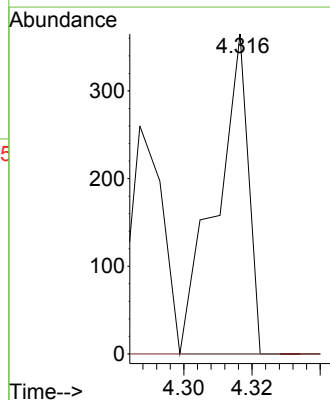
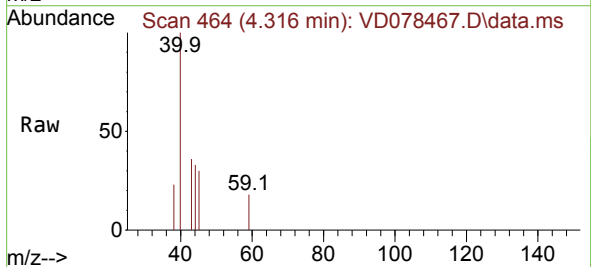
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862RE

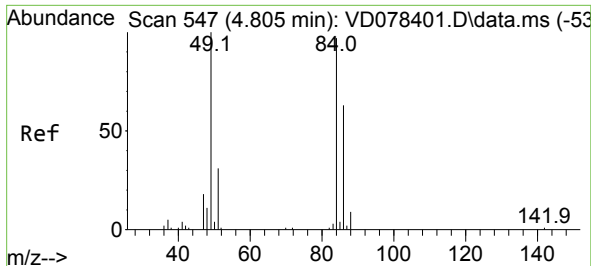
Tgt Ion: 43 Resp: 5027
Ion Ratio Lower Upper
43 100
58 24.7 34.7 52.1#



#18
Methyl Acetate
Concen: 4.355 ug/l
RT: 4.316 min Scan# 464
Delta R.T. -0.259 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

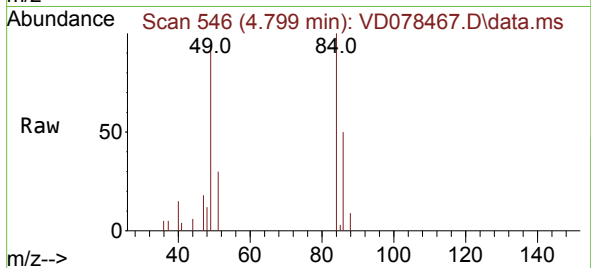
Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#





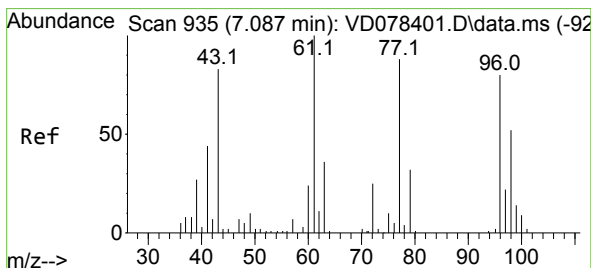
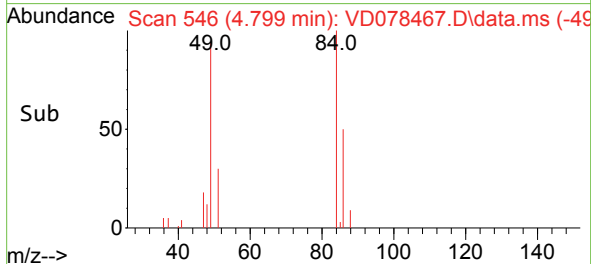
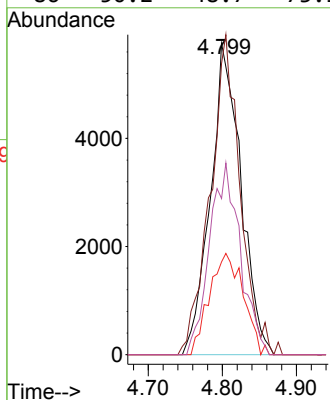
#20
Methylene Chloride
Concen: 17.399 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

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



Tgt Ion: 84 Resp: 16482

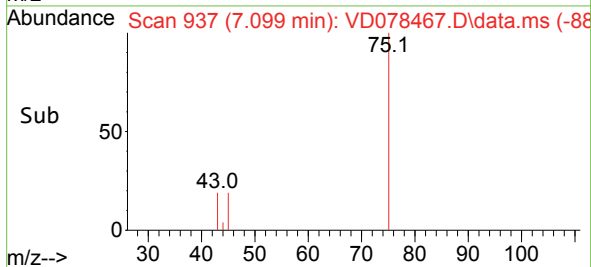
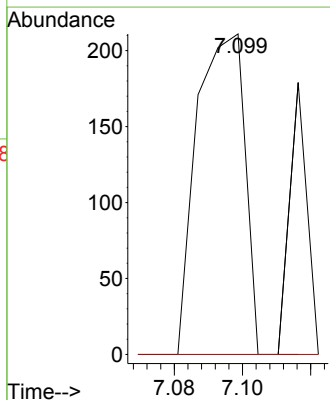
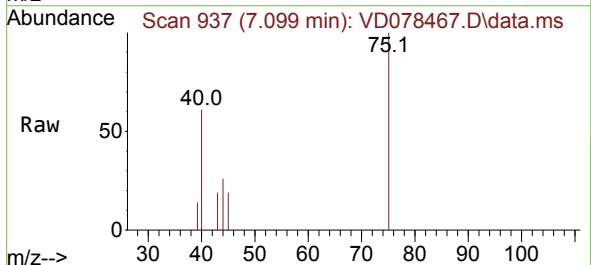
Ion	Ratio	Lower	Upper
84	100		
49	93.5	71.4	107.2
51	29.8	24.5	36.7
86	50.2	48.7	73.1

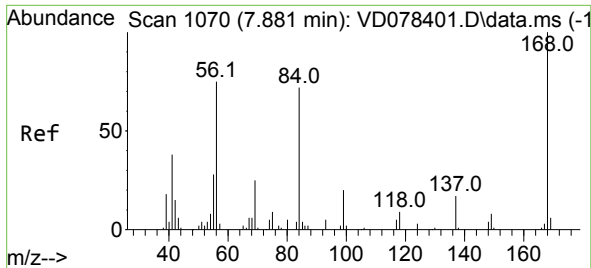


#25
2-Butanone
Concen: Below Cal
RT: 7.099 min Scan# 937
Delta R.T. 0.012 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

Tgt Ion: 43 Resp: 206

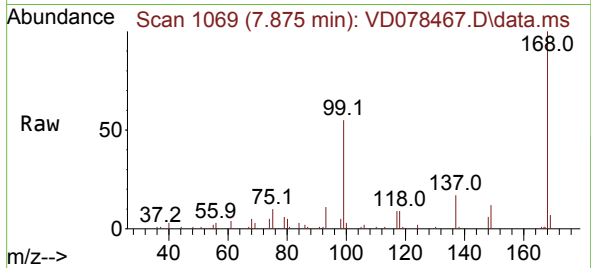
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



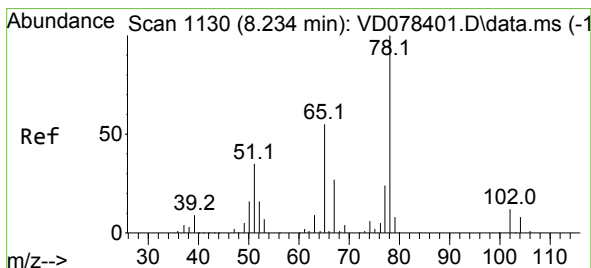
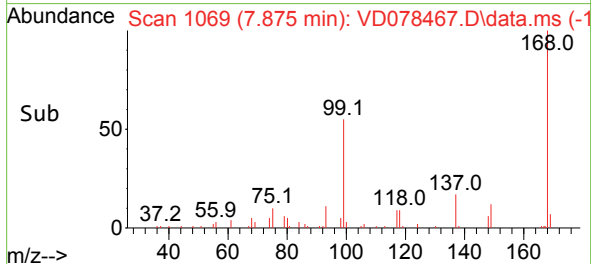
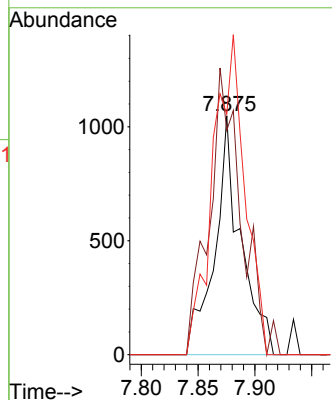


#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

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

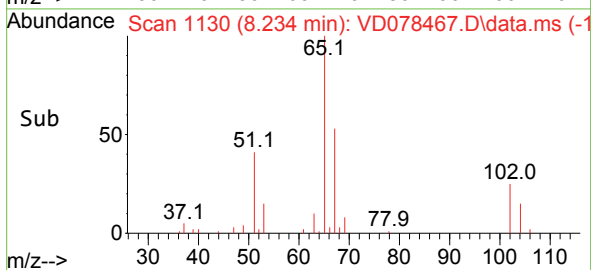
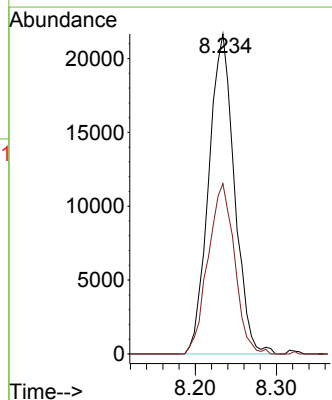
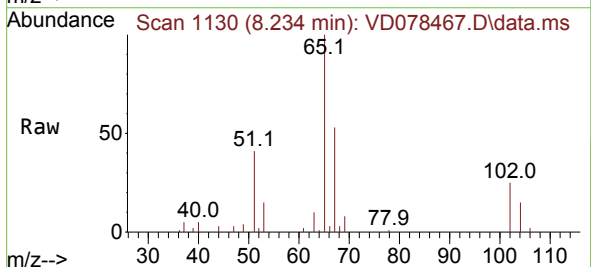


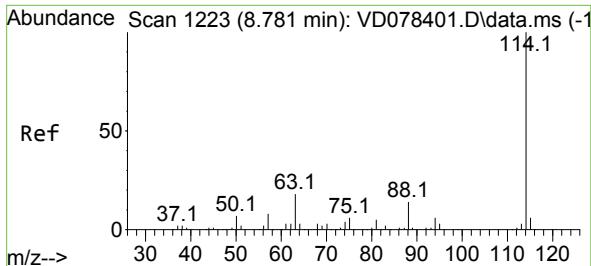
Tgt Ion: 56 Resp: 1665
Ion Ratio Lower Upper
56 100
69 93.9 28.6 43.0#
84 100.7 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 63.619 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

Tgt Ion: 65 Resp: 47681
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0

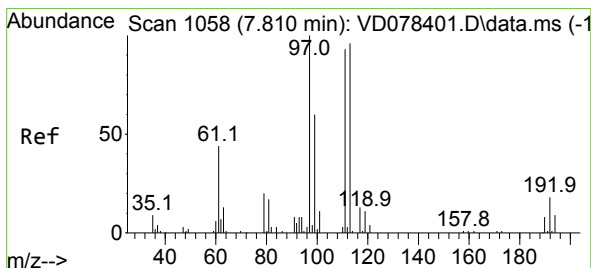
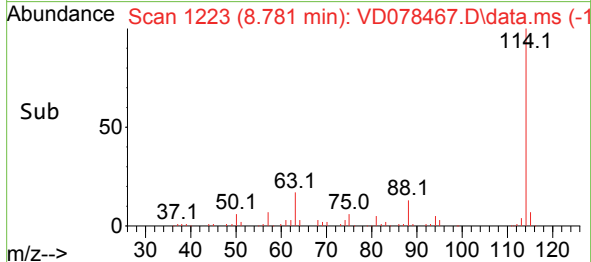
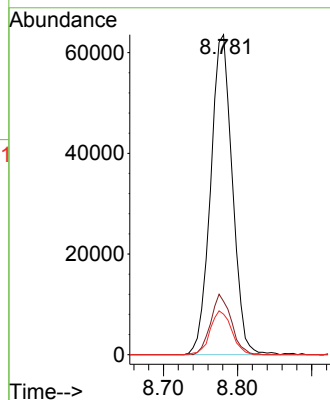
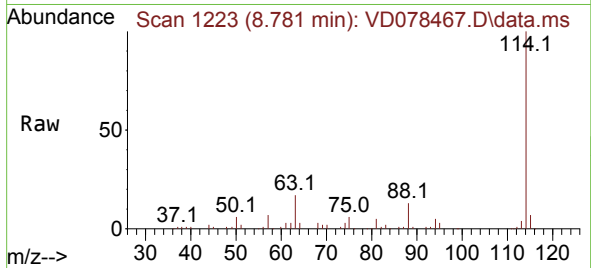




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

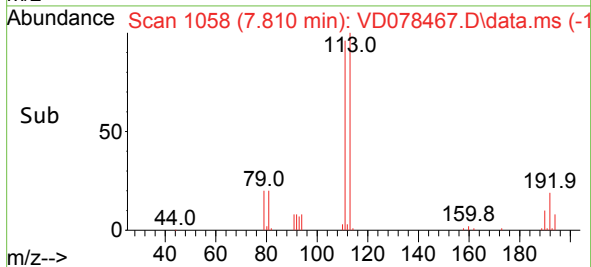
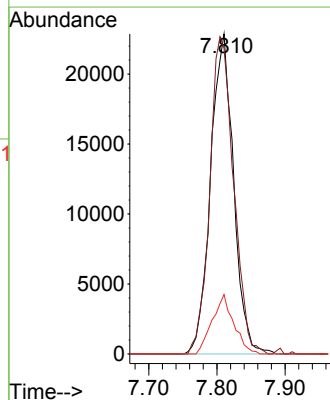
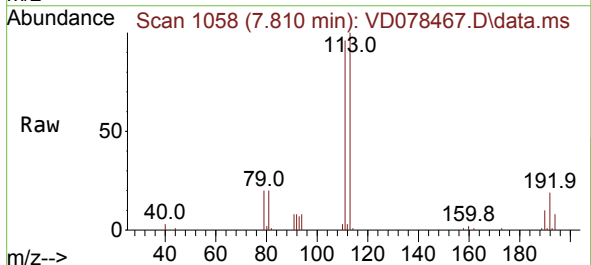
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862RE

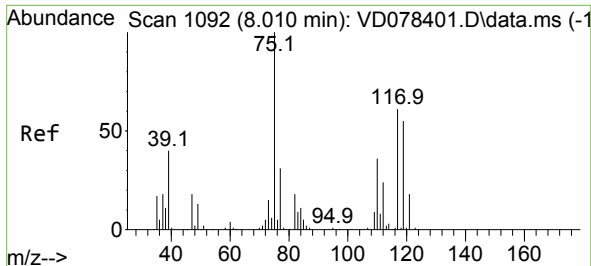
Tgt Ion:114 Resp: 129297
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.4
88 12.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 65.333 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

Tgt Ion:113 Resp: 53659
Ion Ratio Lower Upper
113 100
111 102.3 84.7 127.1
192 17.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.497 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078467.D

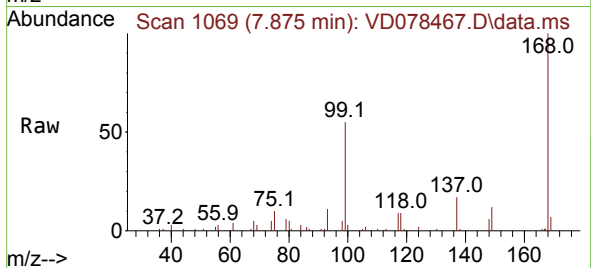
Acq: 19 Feb 2024 16:51

Instrument :

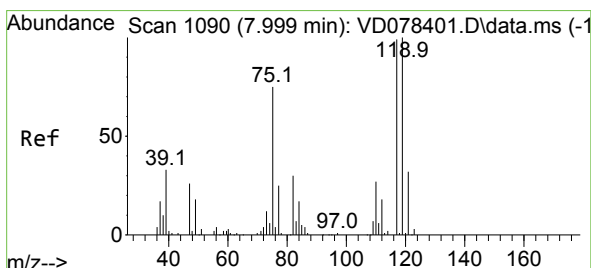
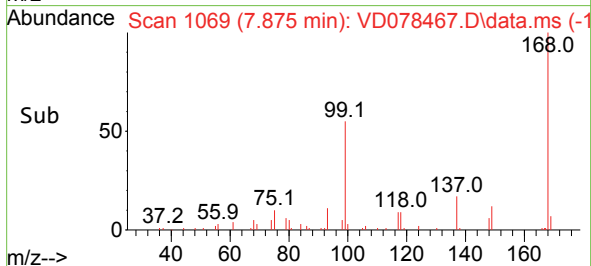
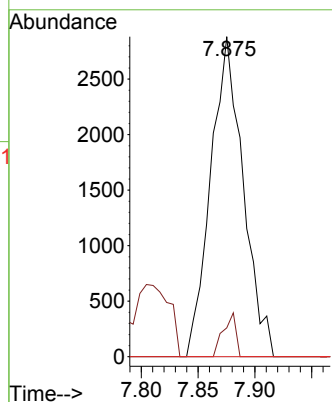
MSVOA_D

ClientSampleId :

BP-VPB-195-GW-860-862RE



Tgt Ion: 75	Resp: 5738
Ion Ratio	Lower Upper
75	100
110	5.3 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.541 ug/l

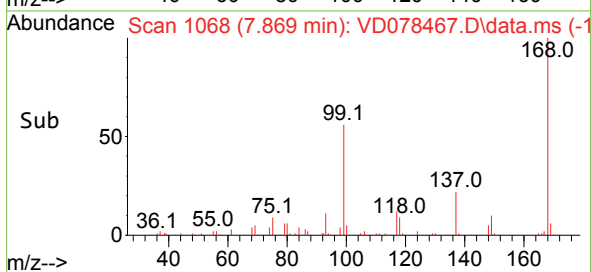
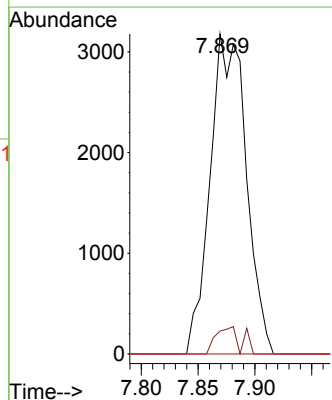
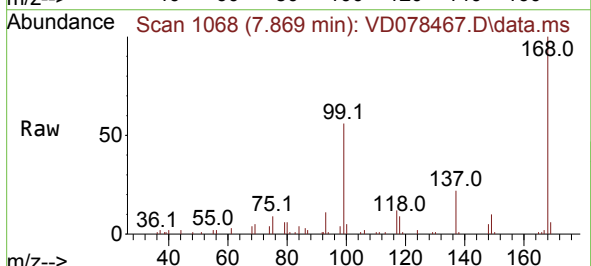
RT: 7.869 min Scan# 1068

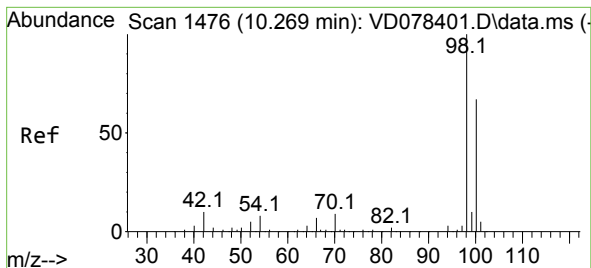
Delta R.T. -0.129 min

Lab File: VD078467.D

Acq: 19 Feb 2024 16:51

Tgt Ion: 117	Resp: 7001
Ion Ratio	Lower Upper
117	100
119	7.1 78.0 117.0#
121	0.0 24.2 36.2#

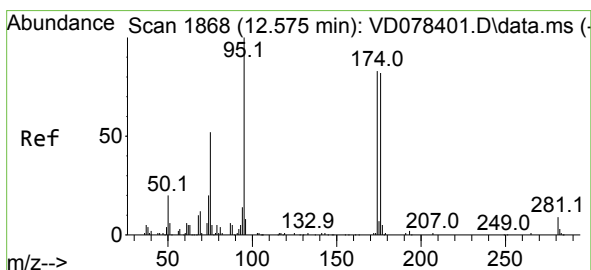
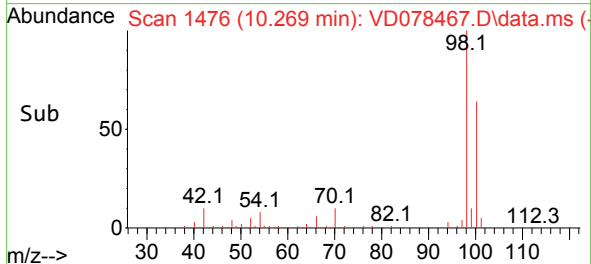
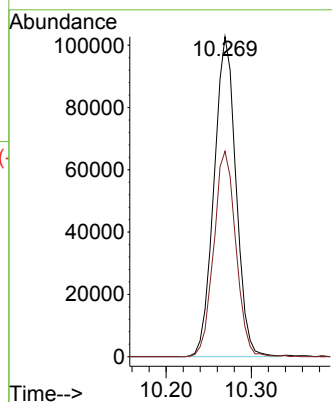
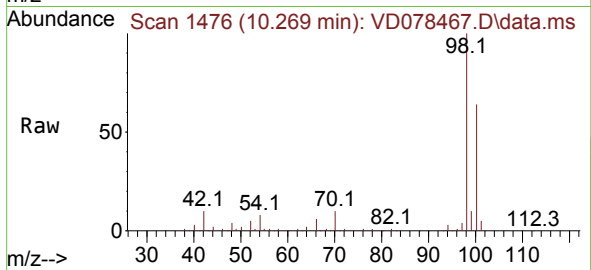




#50
Toluene-d8
Concen: 55.942 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

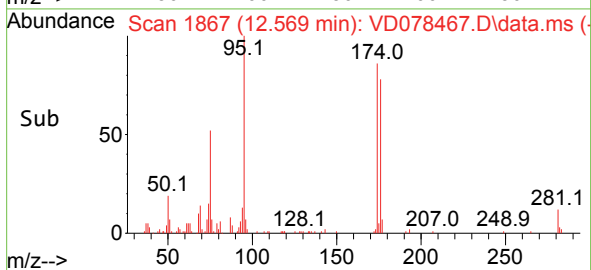
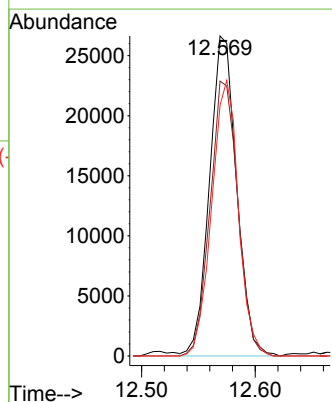
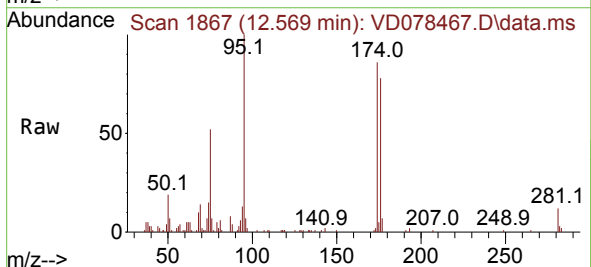
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862RE

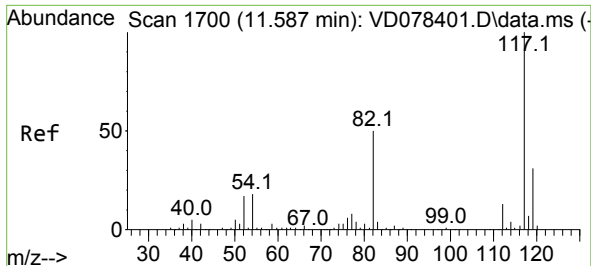
Tgt Ion: 98 Resp: 183795
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.144 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

Tgt Ion: 95 Resp: 44118
Ion Ratio Lower Upper
95 100
174 87.9 0.0 201.8
176 84.8 0.0 191.8

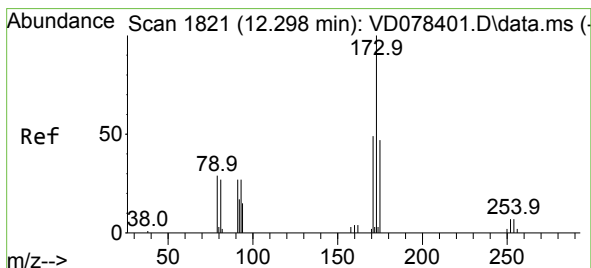
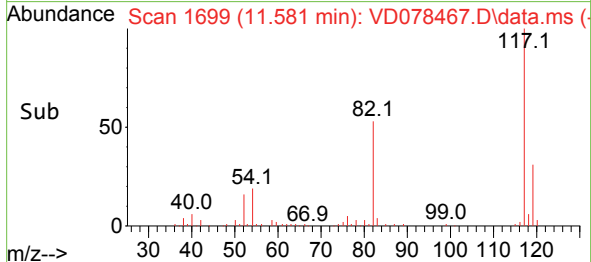
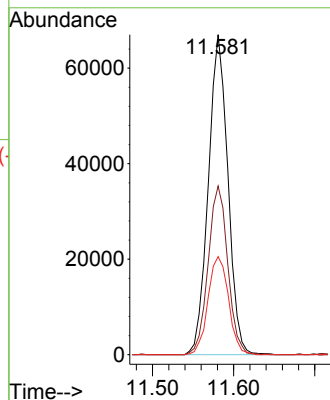
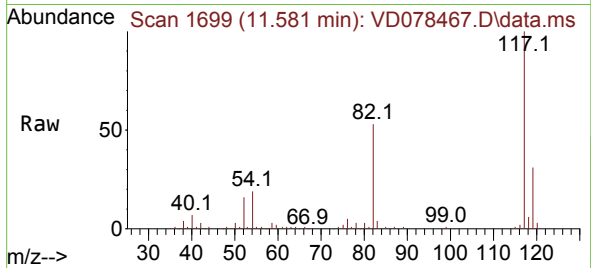




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

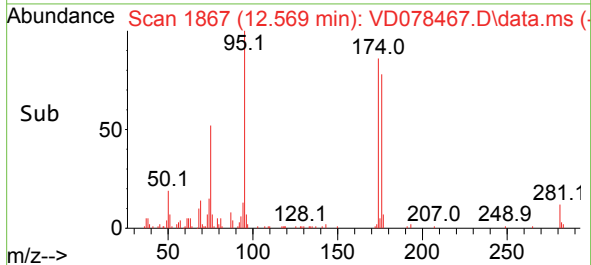
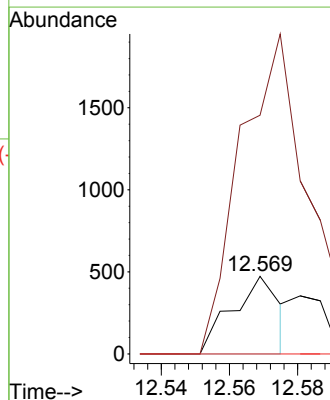
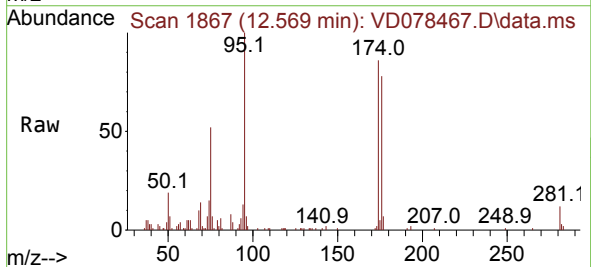
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862RE

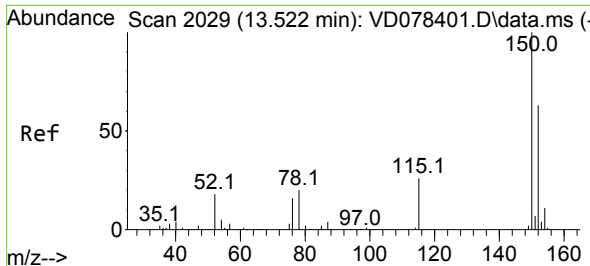
Tgt Ion:117 Resp: 112228
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 30.7 25.0 37.4



#71
Bromoform
Concen: 1.052 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

Tgt Ion:173 Resp: 459
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0

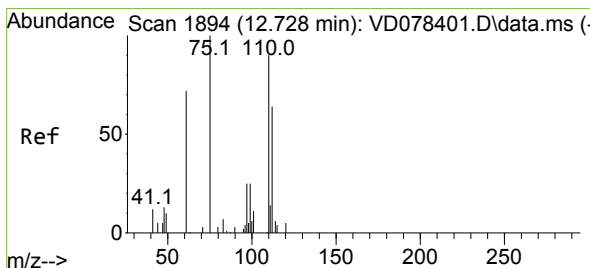
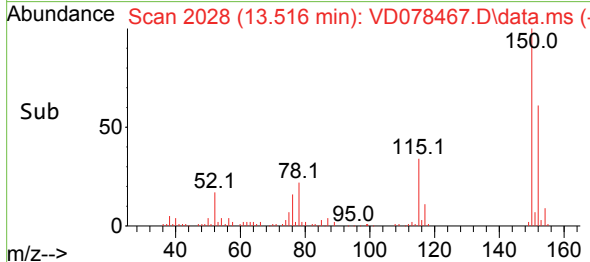
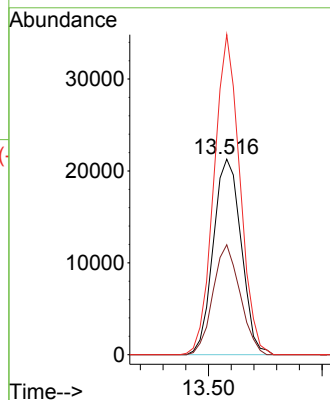
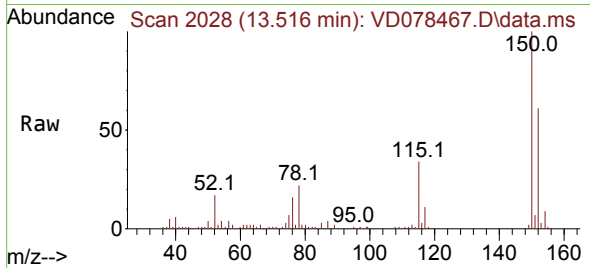




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD078467.D
 Acq: 19 Feb 2024 16:51

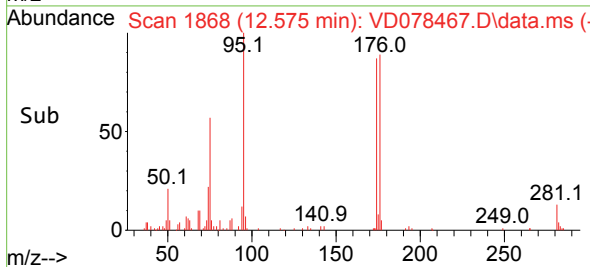
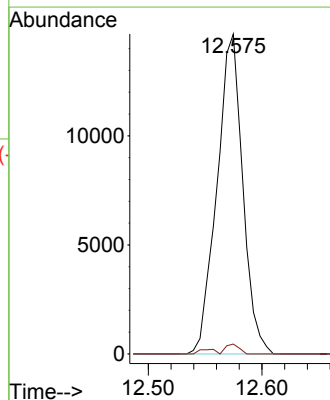
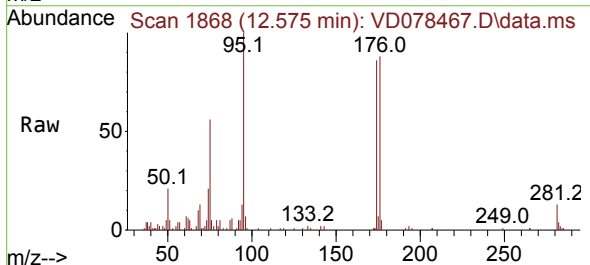
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-195-GW-860-862RE

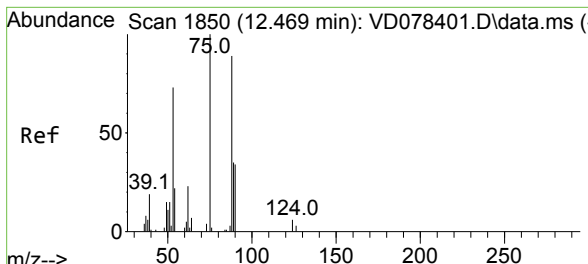
Tgt Ion:152 Resp: 36296
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.1 81.3
 150 152.2 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 75.144 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078467.D
 Acq: 19 Feb 2024 16:51

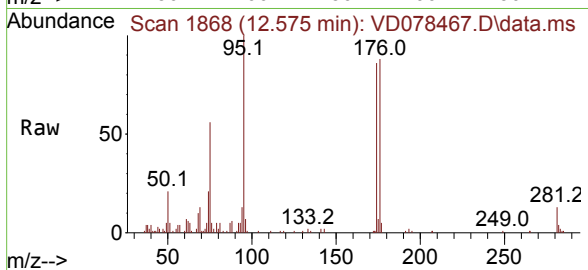
Tgt Ion: 75 Resp: 23155
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.000 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078467.D
 Acq: 19 Feb 2024 16:51

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



Tgt Ion:	75	Resp:	23155
Ion	Ratio	Lower	Upper
75	100		
53	0.2	63.0	94.4#
89	0.0	37.9	56.9#

