

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078980.D
 Acq On : 22 May 2024 15:31
 Operator : RP/MD
 Sample : P2512-03
 Misc : 5.25G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 06:05:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

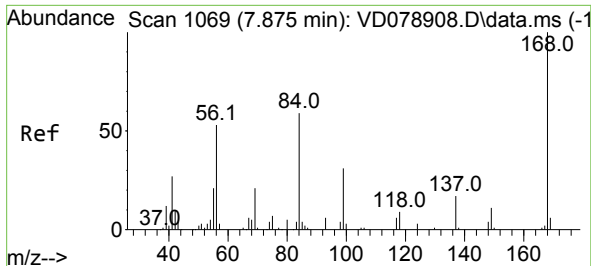
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	125321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	256530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66113	56.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.480%	
35) Dibromofluoromethane	7.804	113	85532	50.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.180%	
50) Toluene-d8	10.269	98	306960	47.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.575	95	85821	47.721	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	283	Below Cal	#	40
4) Vinyl Chloride	2.322	62	56	Below Cal	#	42
16) Acetone	4.016	43	1206	6.434	ug/l #	84
17) Carbon Disulfide	4.258	76	462	Below Cal	#	76
20) Methylene Chloride	4.793	84	7380	Below Cal	#	93
31) Cyclohexane	7.881	56	2476	1.442	ug/l #	57
36) 1,1-Dichloropropene	7.875	75	9682	4.556	ug/l #	49
38) Carbon Tetrachloride	7.869	117	11504	4.626	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1113	1.626	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	43684	55.964	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	43684	110.978	ug/l #	19

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

Quant Time: May 23 06:05:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
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Response via : Initial Calibration

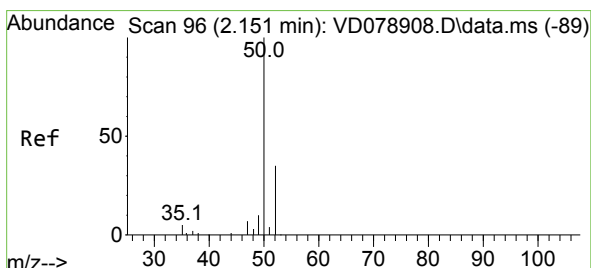
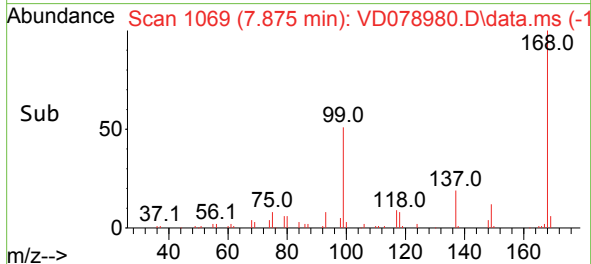
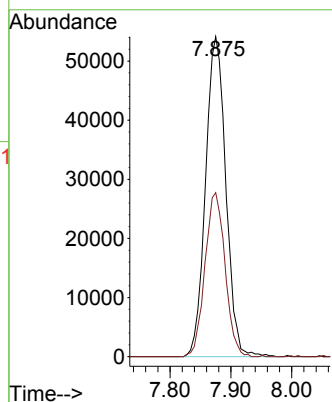
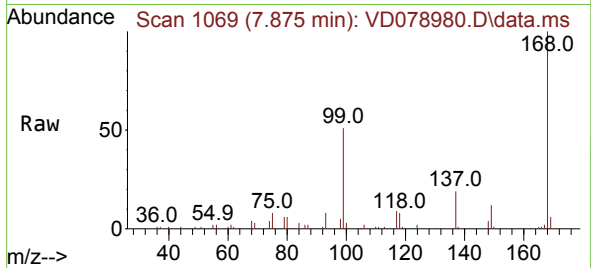




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31

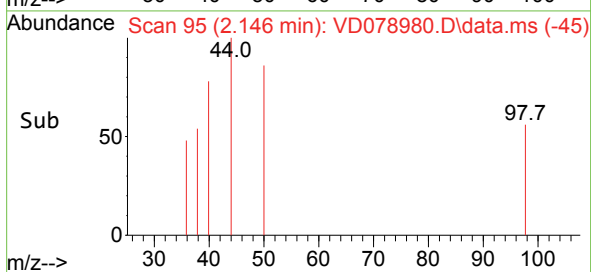
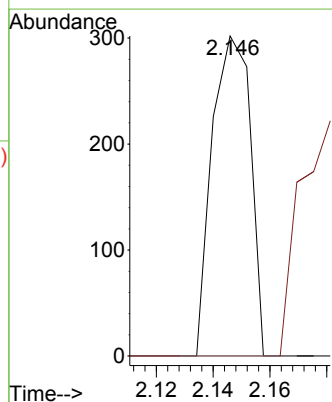
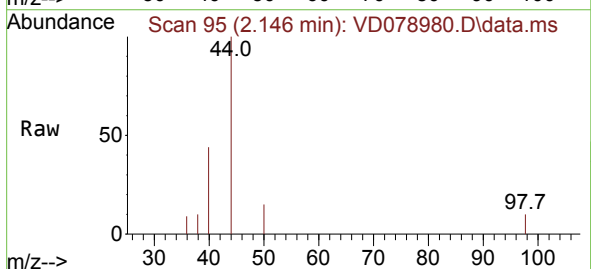
Instrument :
MSVOA_D
ClientSampleId :

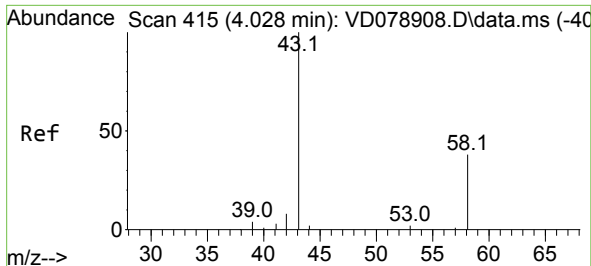
Tgt Ion:168 Resp: 125321
Ion Ratio Lower Upper
168 100
99 51.2 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31

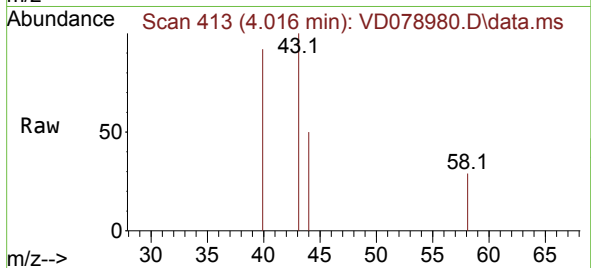
Tgt Ion: 50 Resp: 283
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#



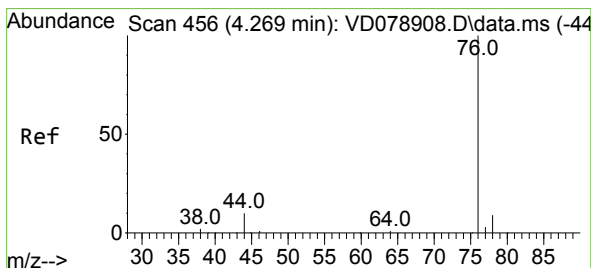
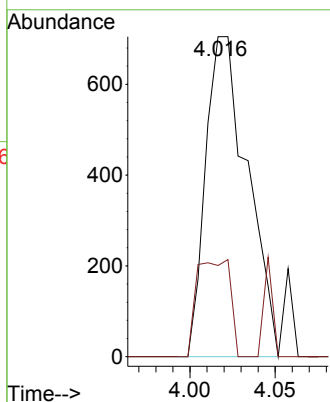
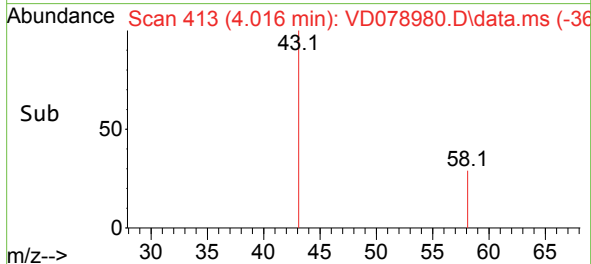


#16
Acetone
Concen: 6.434 ug/l
RT: 4.016 min Scan# 415
Delta R.T. -0.011 min
Lab File: VD078908.D
Acq: 22 May 2024 15:31

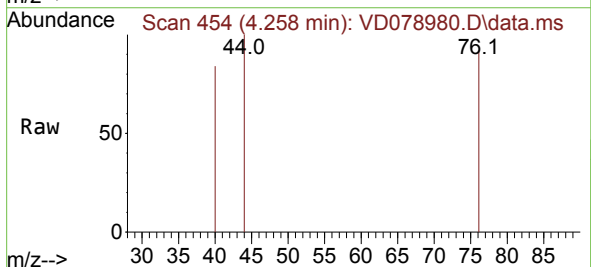
Instrument :
MSVOA_D
ClientSampleId :



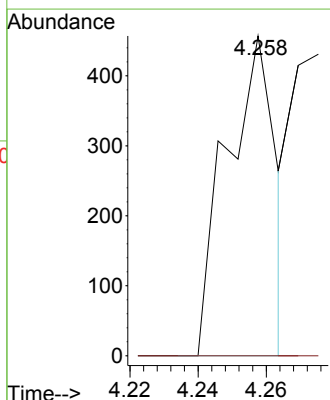
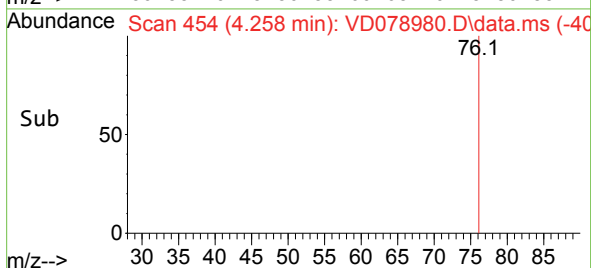
Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
58 28.5 30.4 45.6#

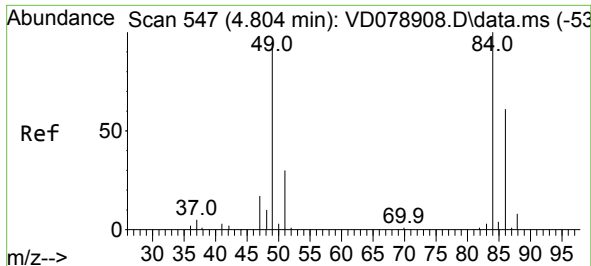


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.258 min Scan# 454
Delta R.T. -0.011 min
Lab File: VD078908.D
Acq: 22 May 2024 15:31



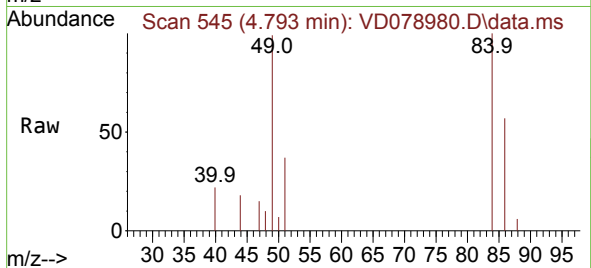
Tgt Ion: 76 Resp: 462
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



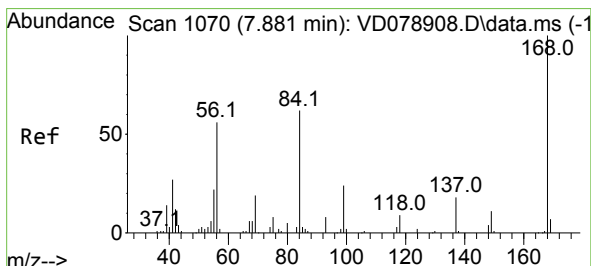
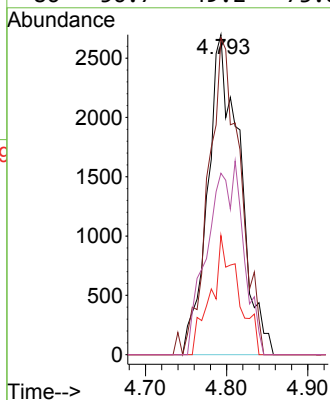
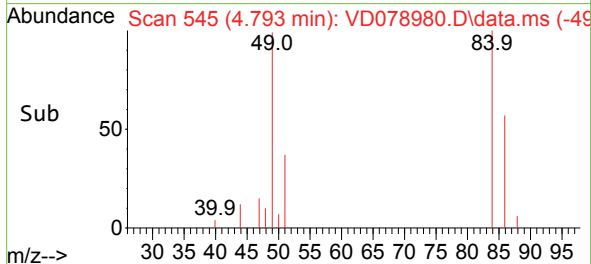


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 547
Delta R.T. -0.011 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31

Instrument :
MSVOA_D
ClientSampleId :

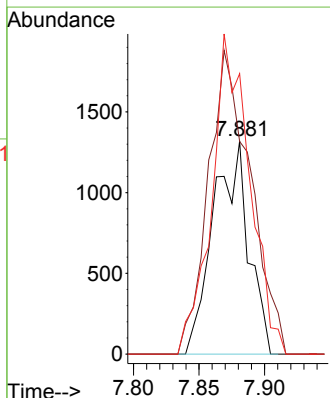
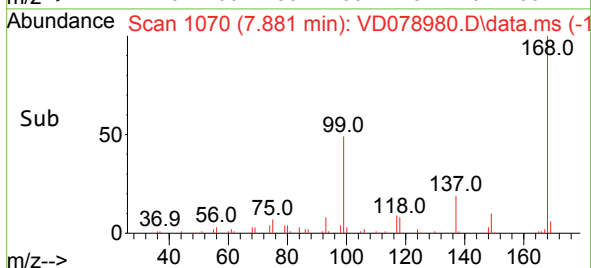
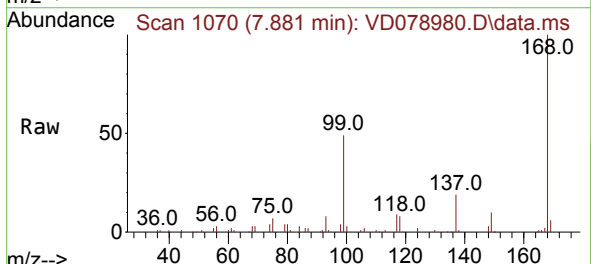


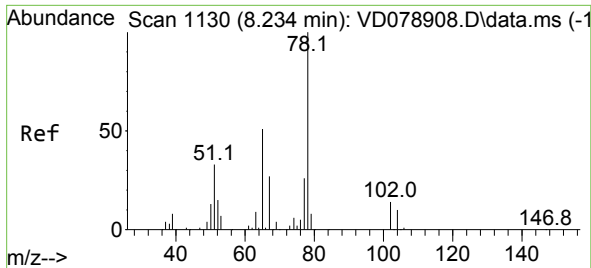
Tgt Ion: 84 Resp: 7380
Ion Ratio Lower Upper
84 100
49 99.0 75.6 113.4
51 37.2 24.2 36.2#
86 56.7 49.2 73.8



#31
Cyclohexane
Concen: 1.442 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31

Tgt Ion: 56 Resp: 2476
Ion Ratio Lower Upper
56 100
69 99.7 28.0 42.0#
84 131.5 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 56.242 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078980.D

Acq: 22 May 2024 15:31

Instrument :

MSVOA_D

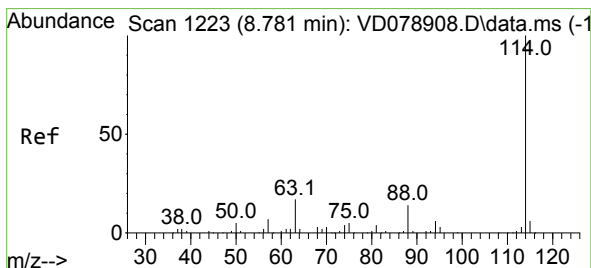
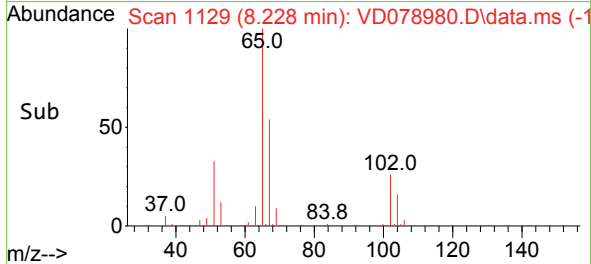
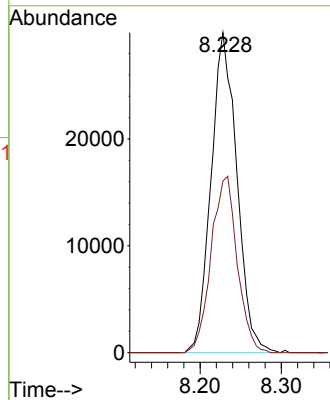
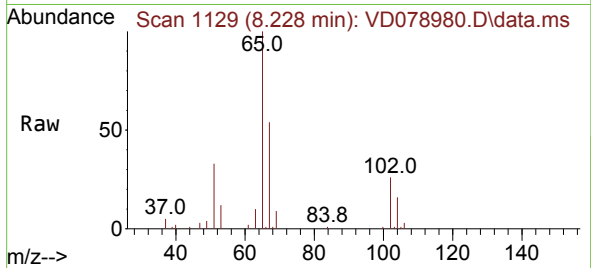
ClientSampleId :

Tgt Ion: 65 Resp: 66113

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078980.D

Acq: 22 May 2024 15:31

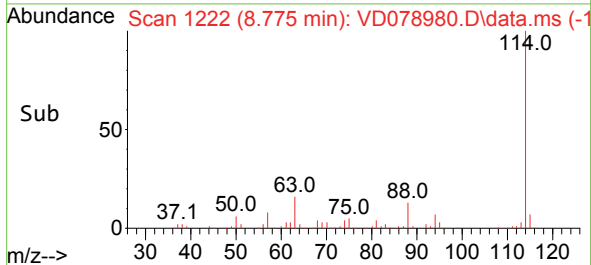
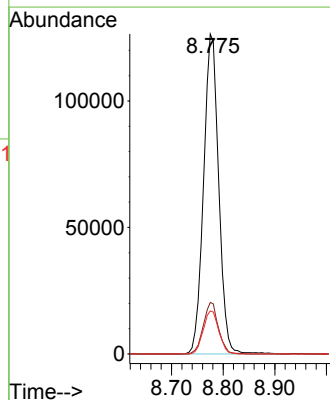
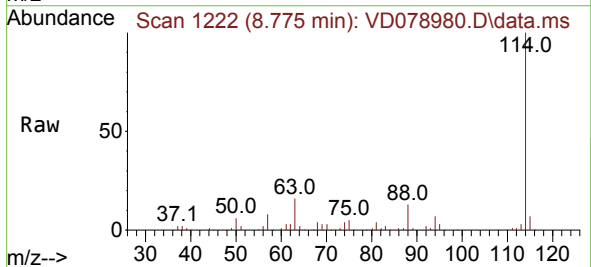
Tgt Ion: 114 Resp: 256530

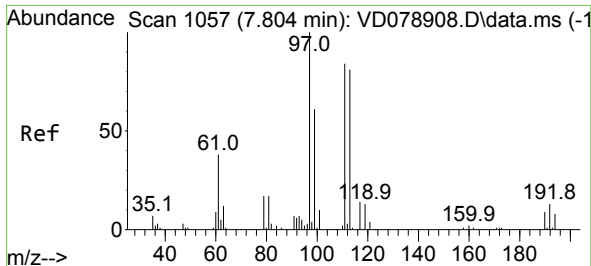
Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.0

88 13.5 0.0 27.2

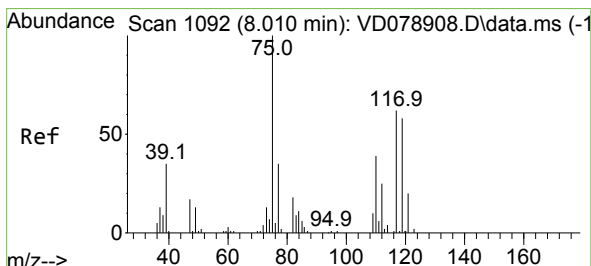
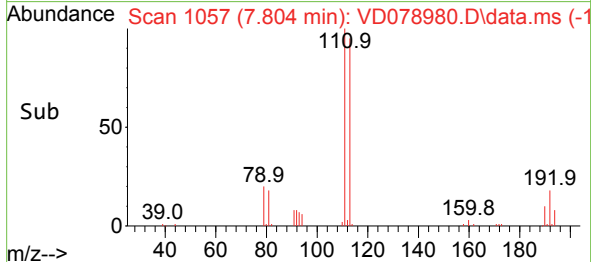
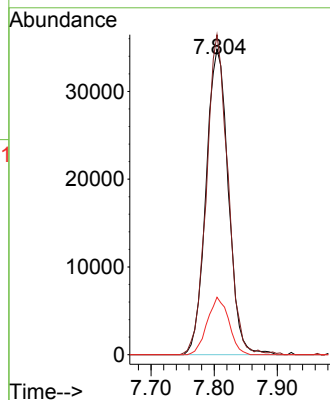
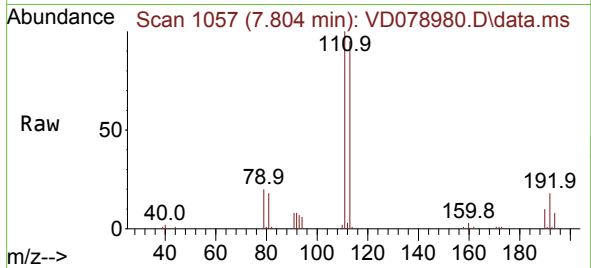




#35
Dibromofluoromethane
Concen: 50.088 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31

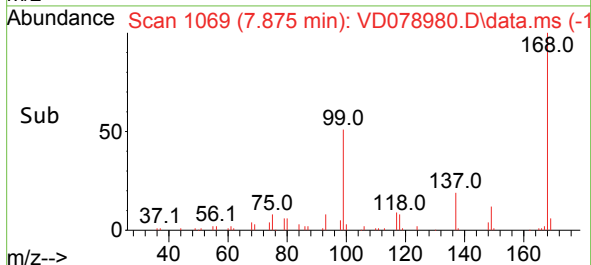
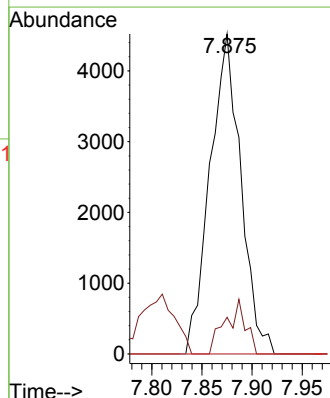
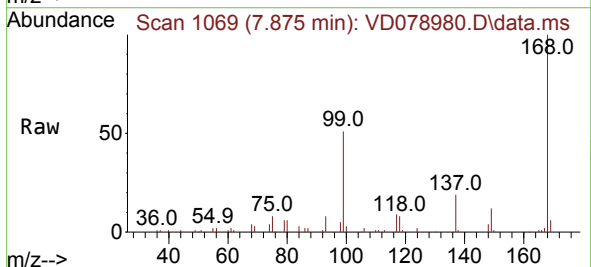
Instrument :
MSVOA_D
ClientSampleId :

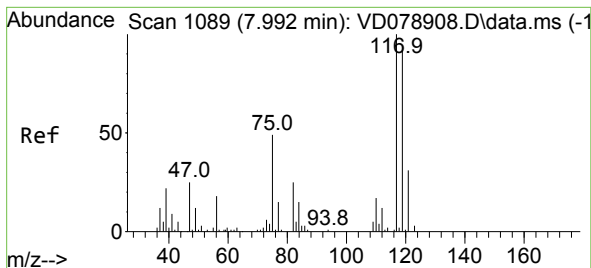
Tgt Ion:113 Resp: 85532
Ion Ratio Lower Upper
113 100
111 100.6 84.0 126.0
192 18.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31

Tgt Ion: 75 Resp: 9682
Ion Ratio Lower Upper
75 100
110 11.3 19.6 58.7#
77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 4.626 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.123 min

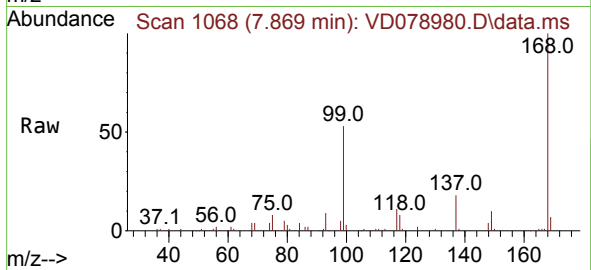
Lab File: VD078980.D

Acq: 22 May 2024 15:31

Instrument :

MSVOA_D

ClientSampleId :



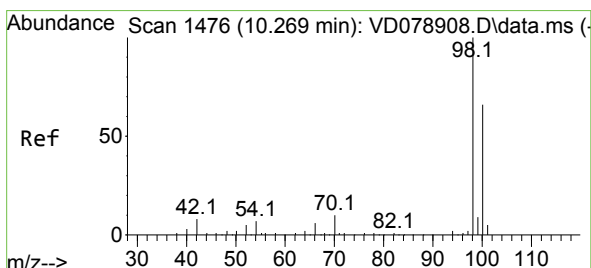
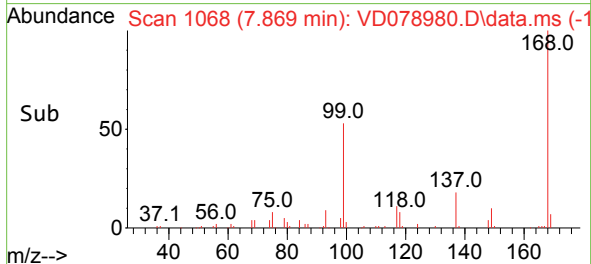
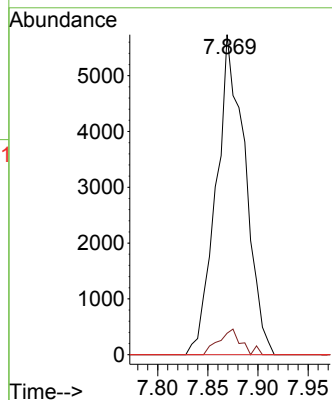
Tgt Ion:117 Resp: 11504

Ion Ratio Lower Upper

117 100

119 6.7 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 47.950 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078980.D

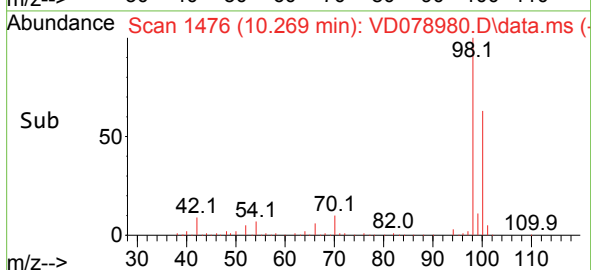
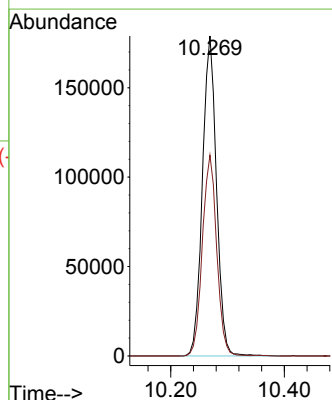
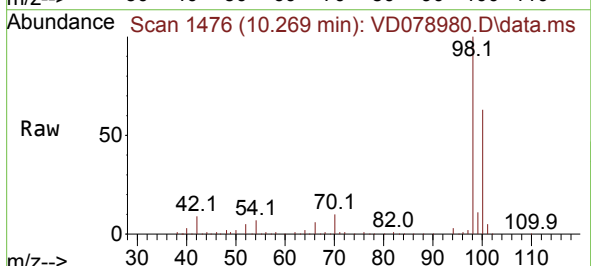
Acq: 22 May 2024 15:31

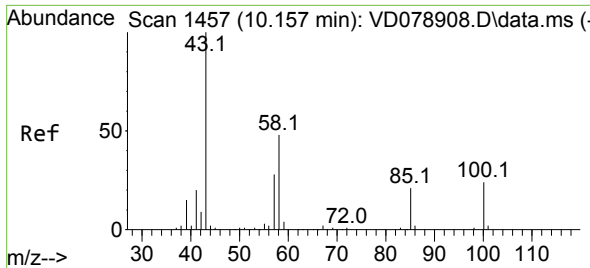
Tgt Ion: 98 Resp: 306960

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4

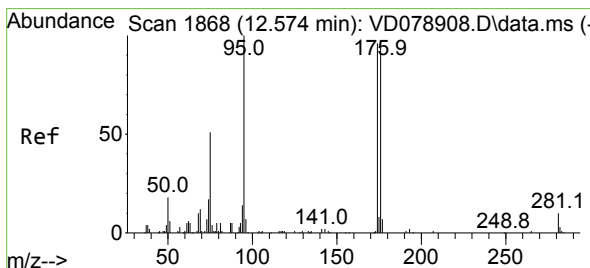
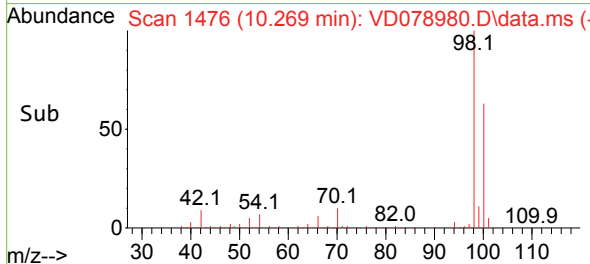
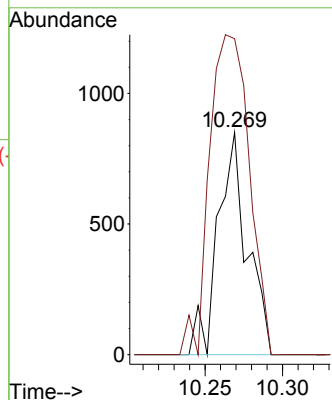
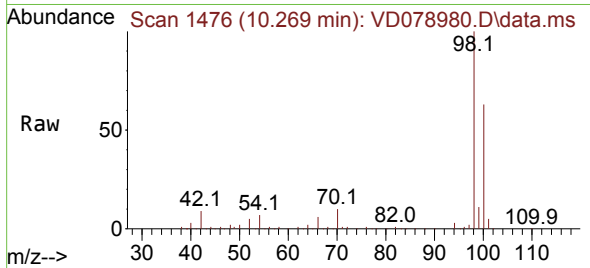




#51
4-Methyl-2-Pentanone
Concen: 1.626 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31

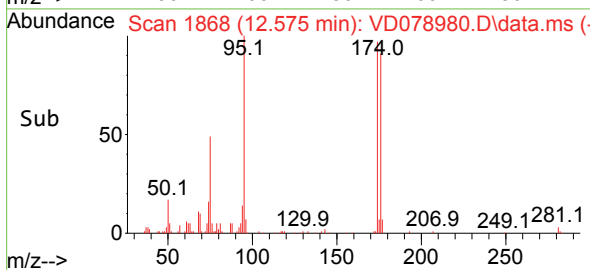
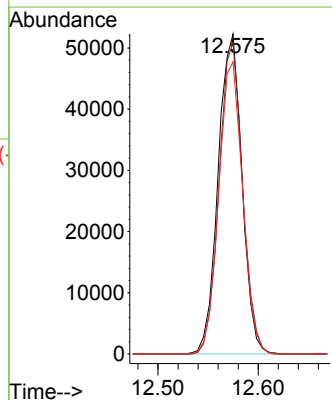
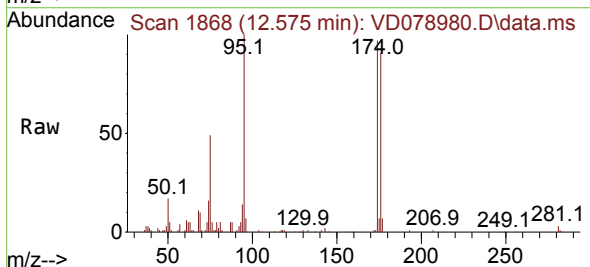
Instrument :
MSVOA_D
ClientSampleId :

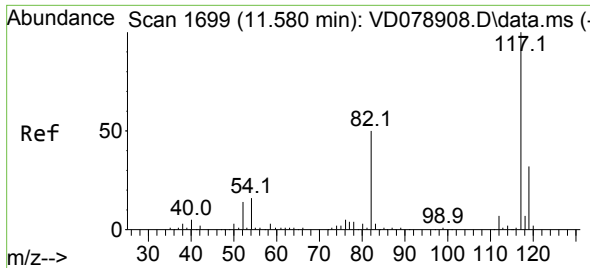
Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
58 197.1 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 47.721 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31

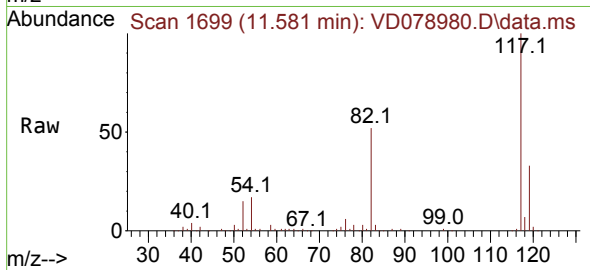
Tgt Ion: 95 Resp: 85821
Ion Ratio Lower Upper
95 100
174 96.0 0.0 195.4
176 91.9 0.0 192.6



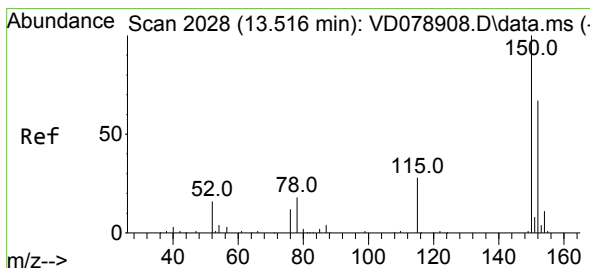
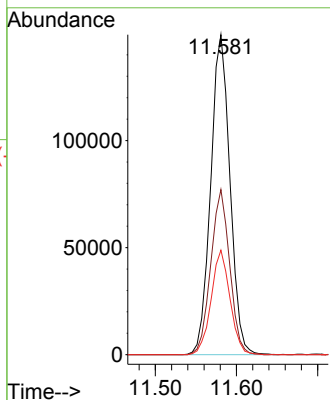
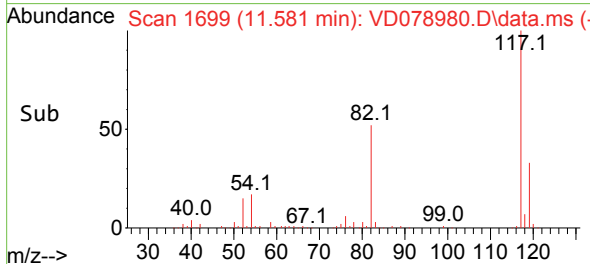


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31

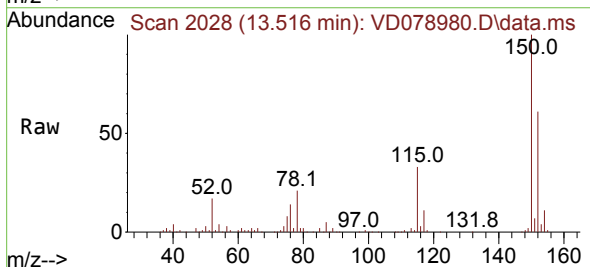
Instrument :
MSVOA_D
ClientSampleId :



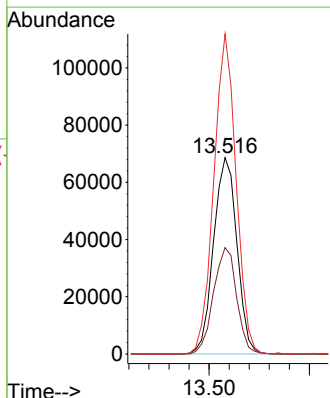
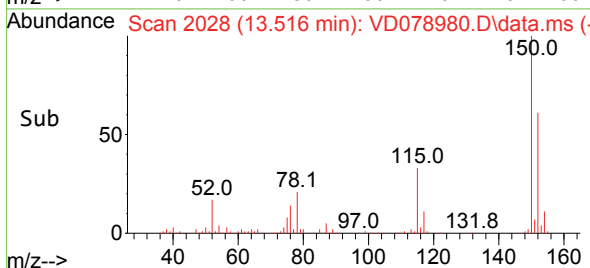
Tgt Ion:117 Resp: 246262
Ion Ratio Lower Upper
117 100
82 51.6 39.8 59.6
119 32.6 25.7 38.5

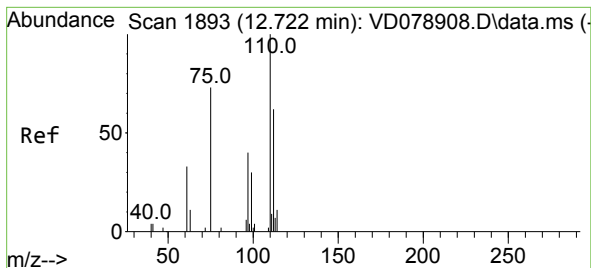


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078980.D
Acq: 22 May 2024 15:31



Tgt Ion:152 Resp: 110876
Ion Ratio Lower Upper
152 100
115 53.6 26.5 79.5
150 155.3 0.0 341.6





#76

1,2,3-Trichloropropane

Concen: 55.964 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078980.D

Acq: 22 May 2024 15:31

Instrument :

MSVOA_D

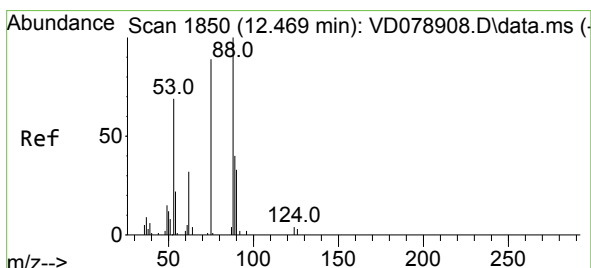
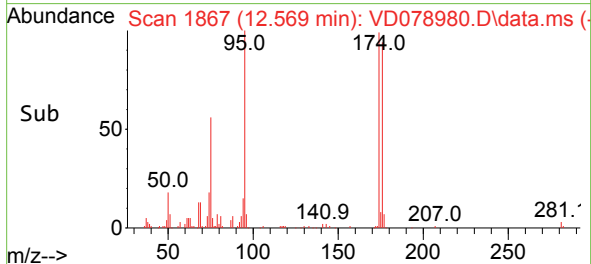
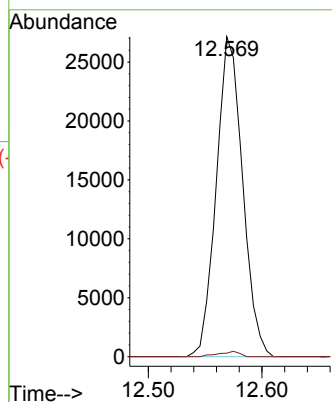
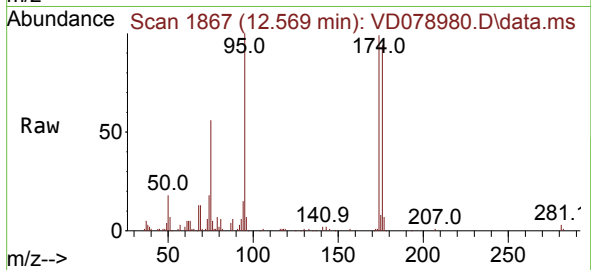
ClientSampleId :

Tgt Ion: 75 Resp: 43684

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.978 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD078980.D

Acq: 22 May 2024 15:31

Tgt Ion: 75 Resp: 43684

Ion Ratio Lower Upper

75 100

53 0.2 61.4 92.2#

89 0.0 35.4 53.0#

