

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078987.D
 Acq On : 22 May 2024 18:48
 Operator : RP/MD
 Sample : P2564-01
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 06:07:30 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

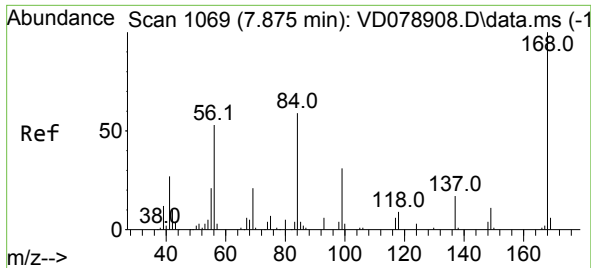
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	118784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58044	52.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.200%	
35) Dibromofluoromethane	7.804	113	81189	48.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.920%	
50) Toluene-d8	10.269	98	307323	49.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.880%	
62) 4-Bromofluorobenzene	12.569	95	80692	46.206	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	213	Below Cal	#	40
16) Acetone	4.016	43	648	3.648	ug/l #	37
17) Carbon Disulfide	4.263	76	1155	Below Cal	#	76
20) Methylene Chloride	4.799	84	12944	3.755	ug/l	96
31) Cyclohexane	7.857	56	2266	1.392	ug/l #	69
36) 1,1-Dichloropropene	7.875	75	8850	4.289	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11137	4.612	ug/l #	13
51) 4-Methyl-2-Pentanone	10.269	43	1217	1.831	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	41170	55.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	41170	109.958	ug/l #	19

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

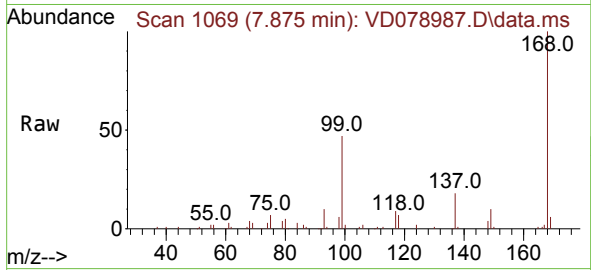
Quant Time: May 23 06:07:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration



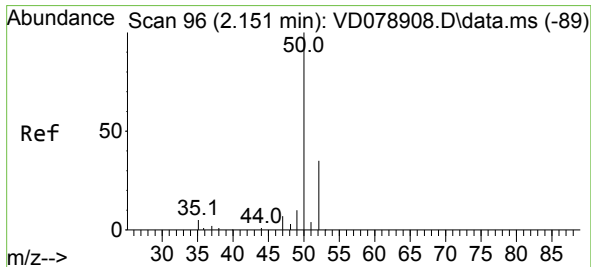
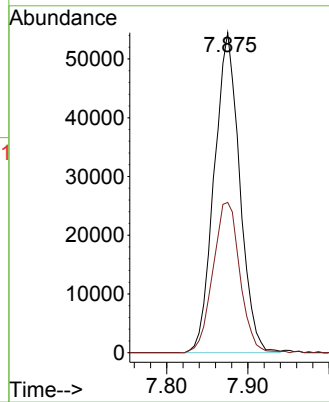
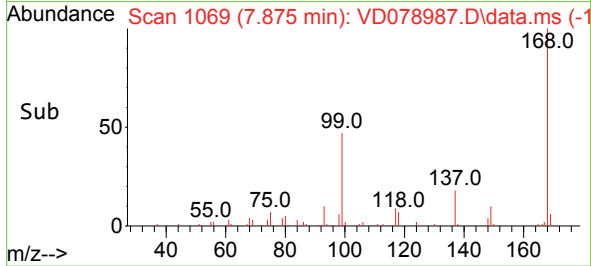


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

Instrument :
MSVOA_D
ClientSampleId :

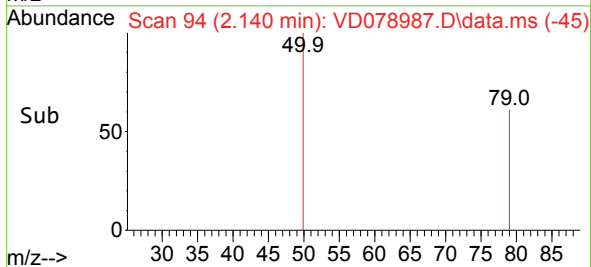
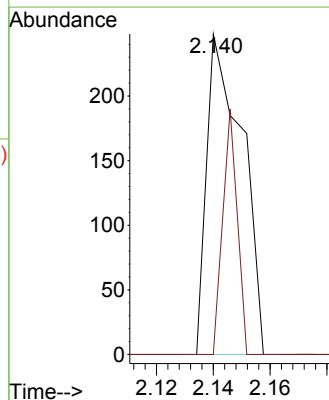
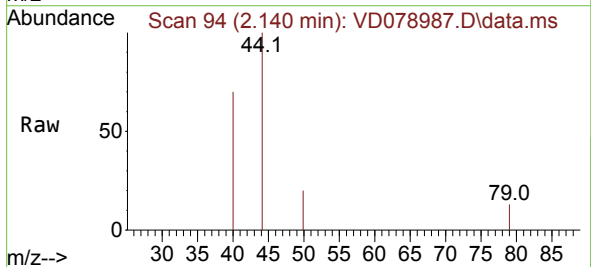


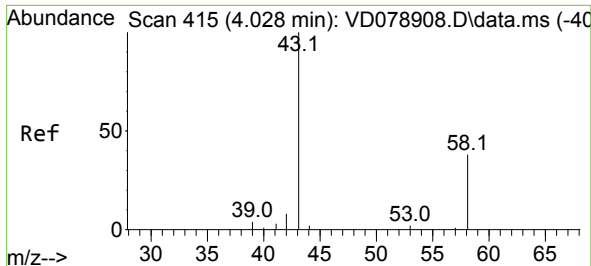
Tgt Ion:168 Resp: 118784
Ion Ratio Lower Upper
168 100
99 46.9 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.011 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

Tgt Ion: 50 Resp: 213
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#





#16

Acetone

Concen: 3.648 ug/l

RT: 4.016 min Scan# 41

Delta R.T. -0.011 min

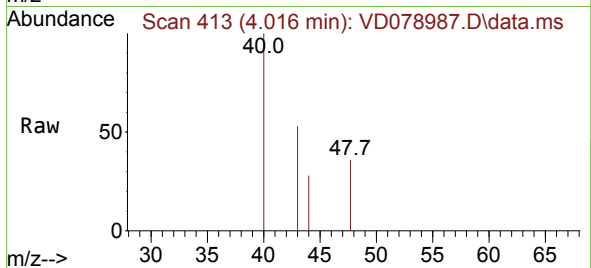
Lab File: VD078987.D

Acq: 22 May 2024 18:48

Instrument :

MSVOA_D

ClientSampleId :

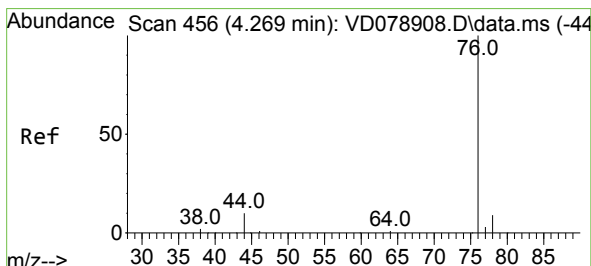
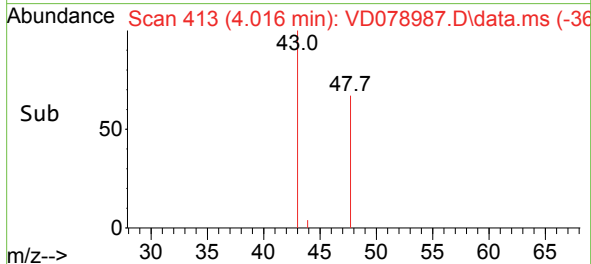
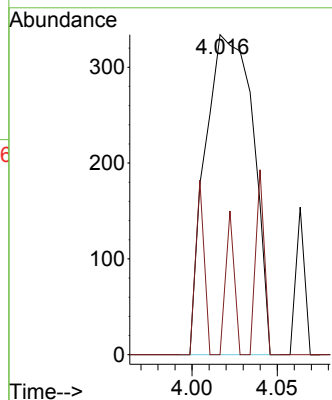


Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD078987.D

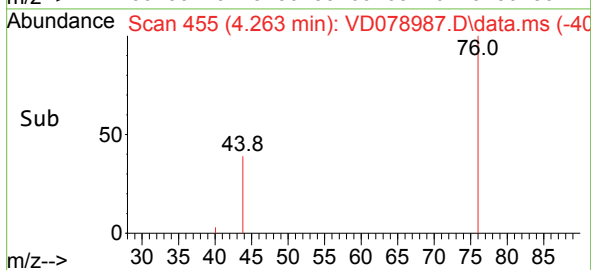
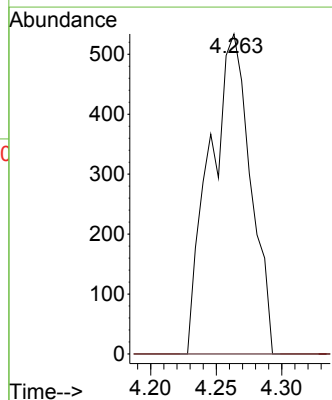
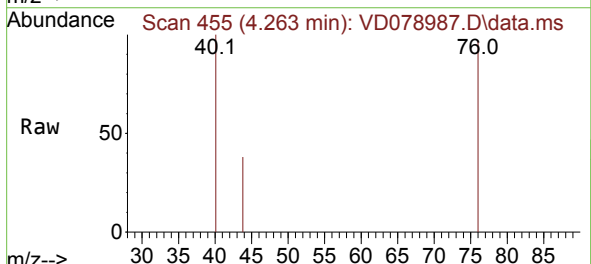
Acq: 22 May 2024 18:48

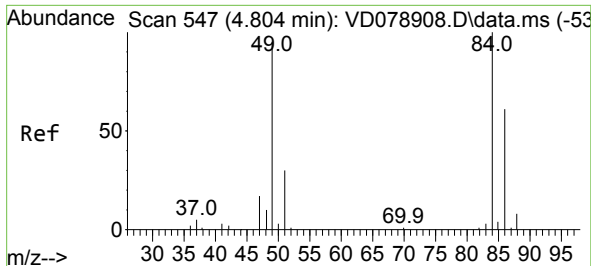
Tgt Ion: 76 Resp: 1155

Ion Ratio Lower Upper

76 100

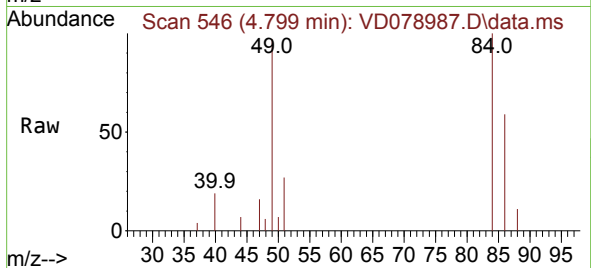
78 0.0 6.9 10.3#



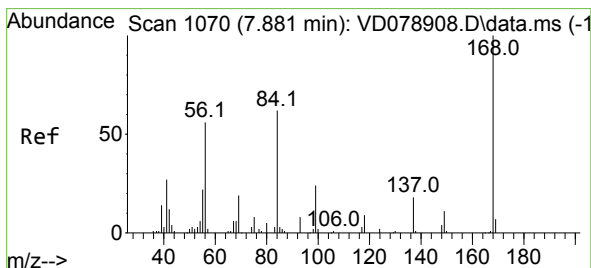
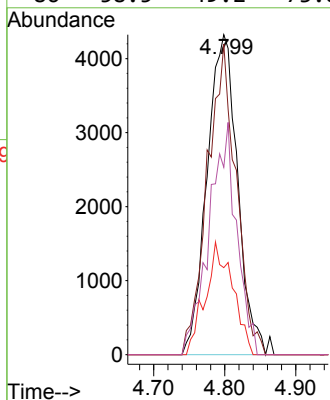
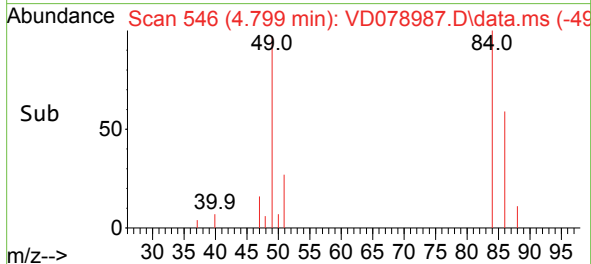


#20
Methylene Chloride
Concen: 3.755 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

Instrument :
MSVOA_D
ClientSampleId :

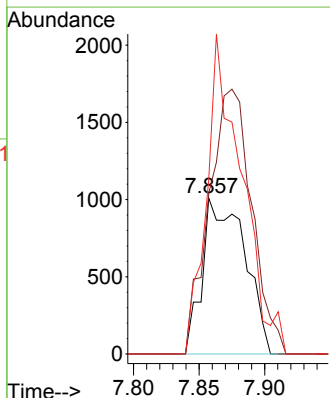
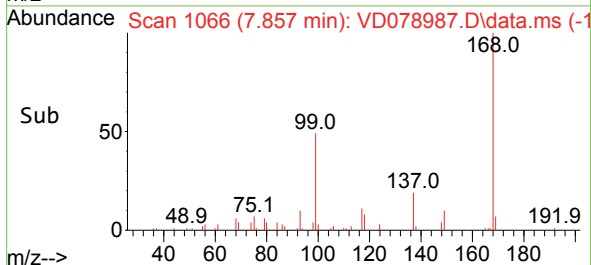
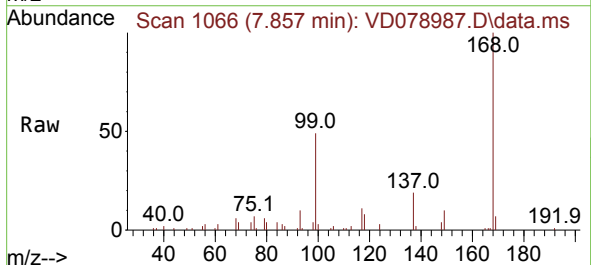


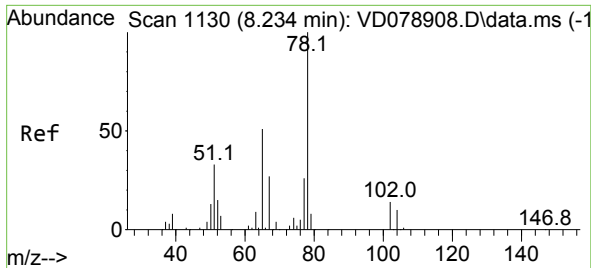
Tgt Ion: 84	Resp: 12944
Ion Ratio	Lower Upper
84 100	
49 97.1	75.6 113.4
51 27.2	24.2 36.2
86 58.5	49.2 73.8



#31
Cyclohexane
Concen: 1.392 ug/l
RT: 7.857 min Scan# 1066
Delta R.T. -0.023 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

Tgt Ion: 56	Resp: 2266		
Ion Ratio	Lower	Upper	
56	100		
69	103.2	28.0	42.0#
84	112.0	87.4	131.0





#33

1,2-Dichloroethane-d4

Concen: 52.095 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

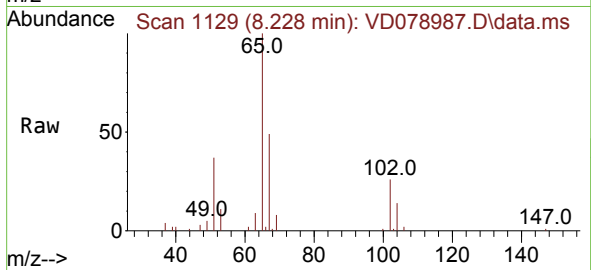
Lab File: VD078987.D

Acq: 22 May 2024 18:48

Instrument :

MSVOA_D

ClientSampleId :

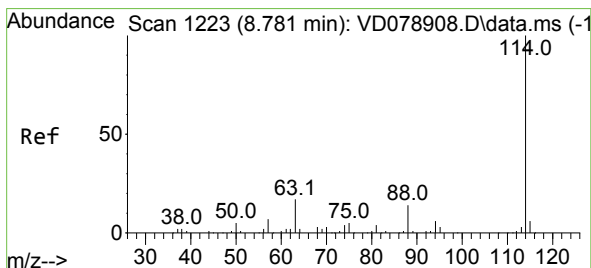
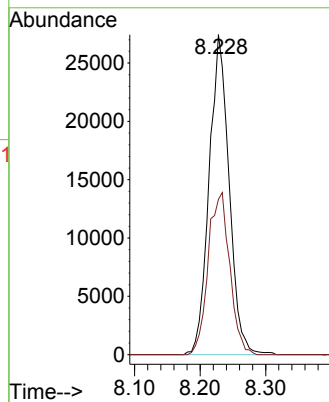
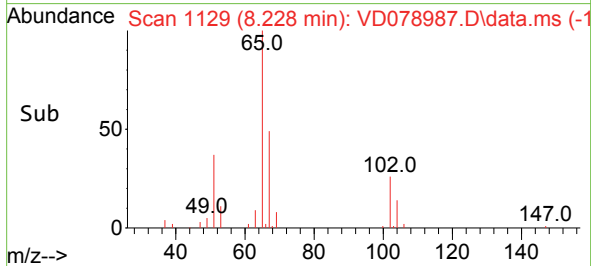


Tgt Ion: 65 Resp: 58044

Ion Ratio Lower Upper

65 100

67 54.6 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: VD078987.D

Acq: 22 May 2024 18:48

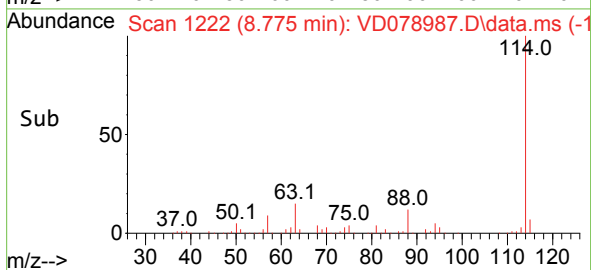
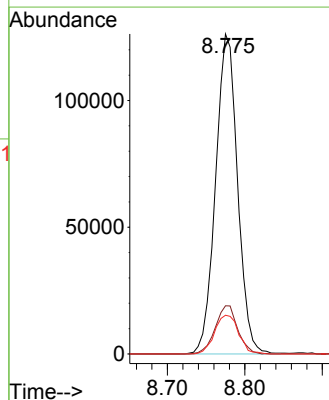
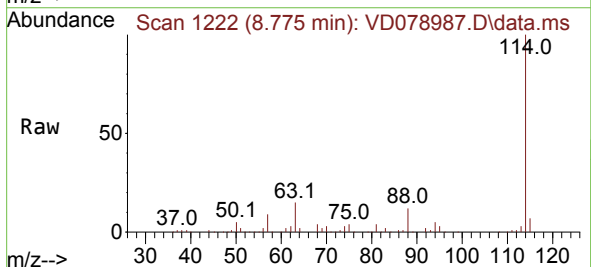
Tgt Ion: 114 Resp: 249106

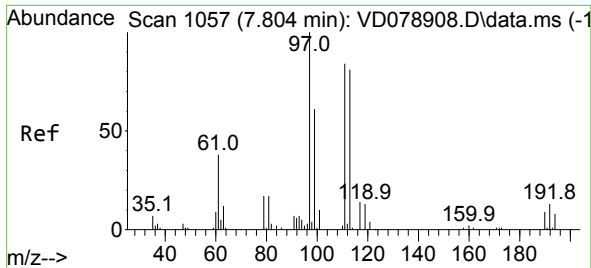
Ion Ratio Lower Upper

114 100

63 15.0 0.0 34.0

88 12.1 0.0 27.2

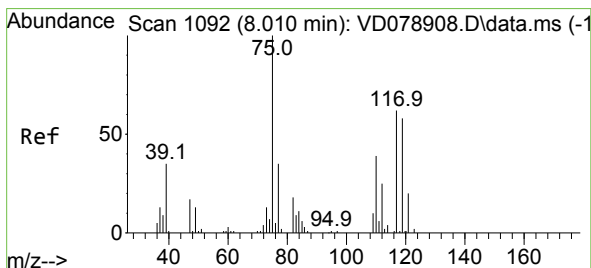
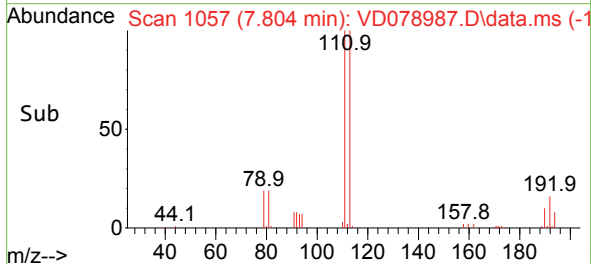
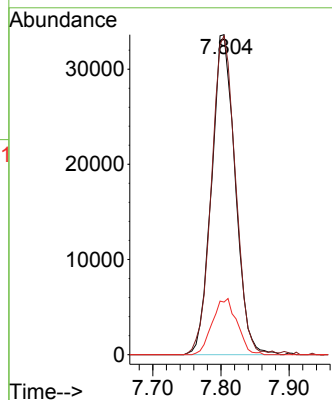
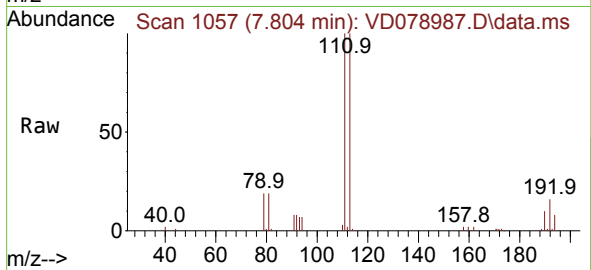




#35
Dibromofluoromethane
Concen: 48.962 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

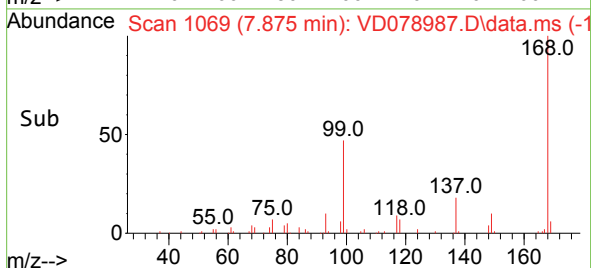
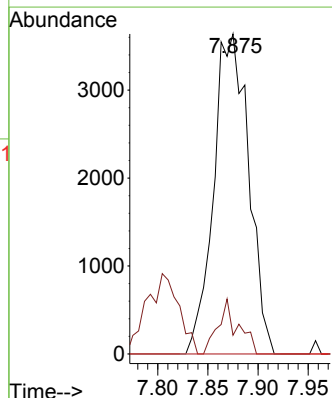
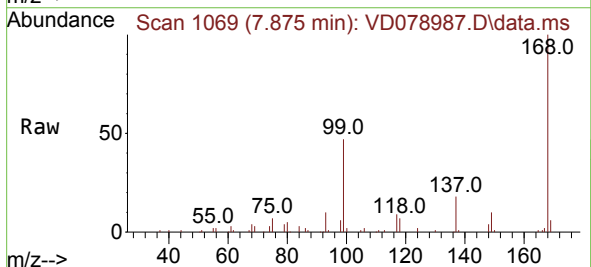
Instrument :
MSVOA_D
ClientSampleId :

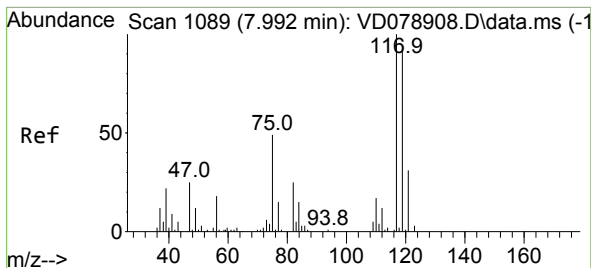
Tgt Ion:113 Resp: 81189
Ion Ratio Lower Upper
113 100
111 101.2 84.0 126.0
192 18.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.289 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

Tgt Ion: 75 Resp: 8850
Ion Ratio Lower Upper
75 100
110 9.8 19.6 58.7#
77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 4.612 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.117 min

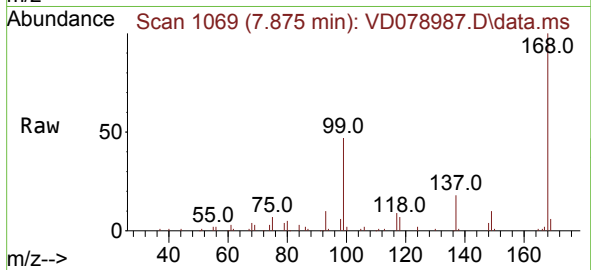
Lab File: VD078987.D

Acq: 22 May 2024 18:48

Instrument :

MSVOA_D

ClientSampleId :



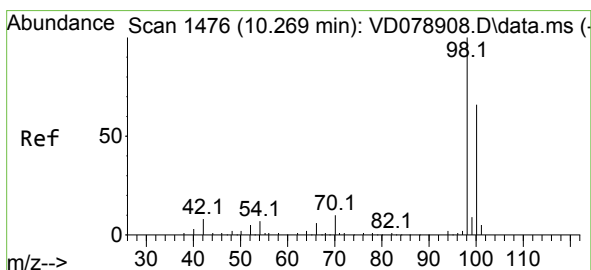
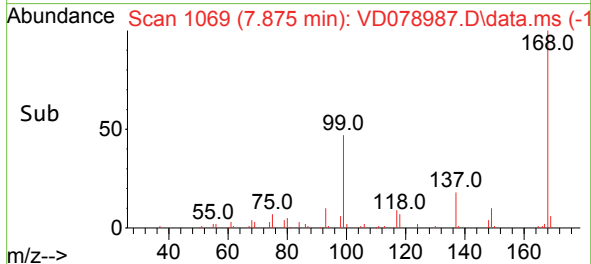
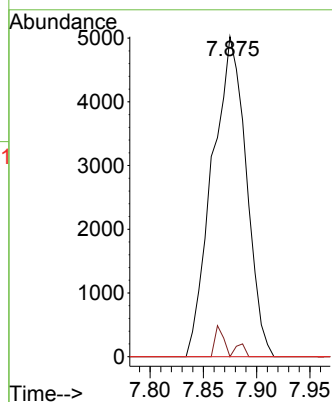
Tgt Ion:117 Resp: 11137

Ion Ratio Lower Upper

117 100

119 0.0 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 49.438 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078987.D

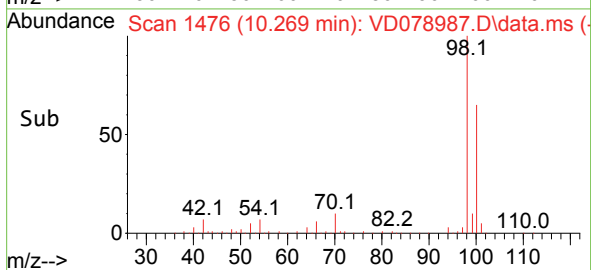
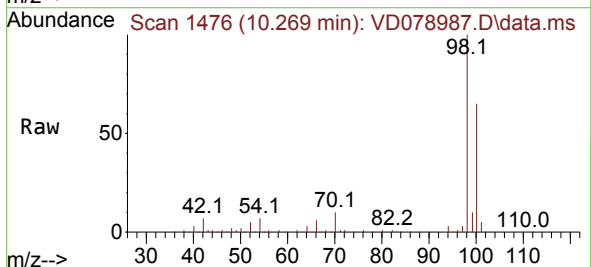
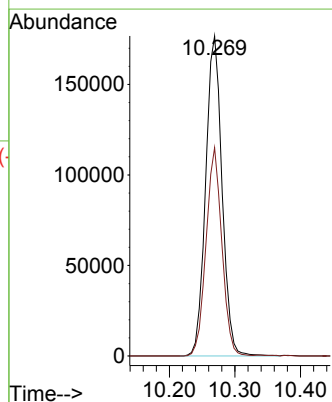
Acq: 22 May 2024 18:48

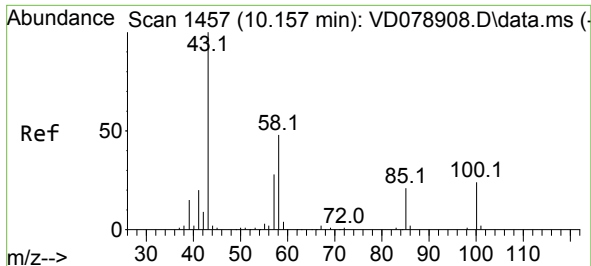
Tgt Ion: 98 Resp: 307323

Ion Ratio Lower Upper

98 100

100 62.9 51.6 77.4

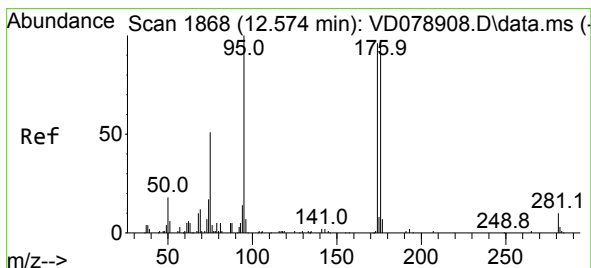
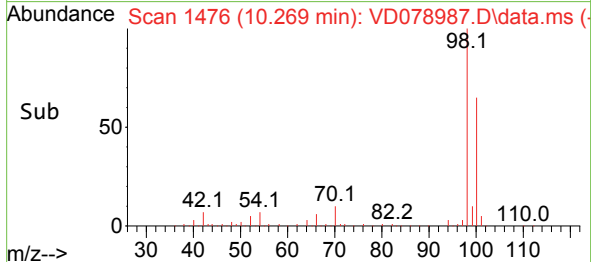
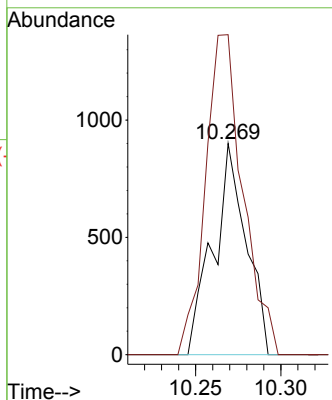
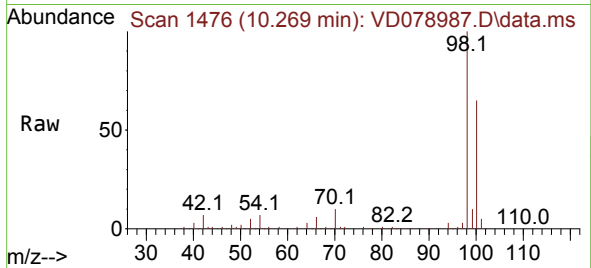




#51
4-Methyl-2-Pentanone
Concen: 1.831 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

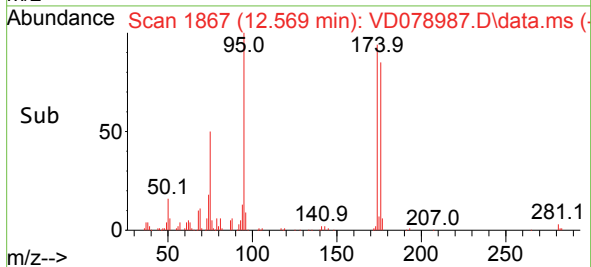
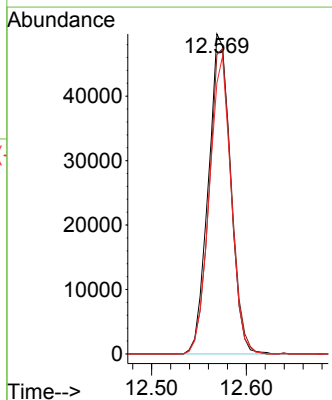
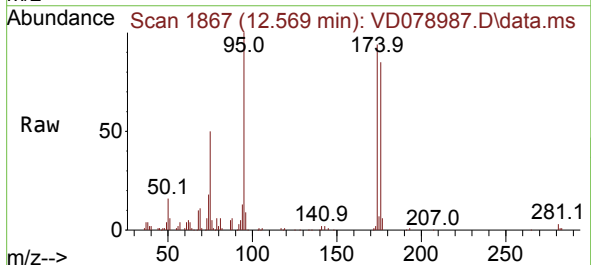
Instrument :
MSVOA_D
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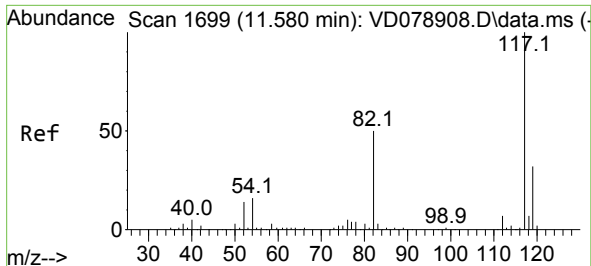
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 171.2 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 46.206 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

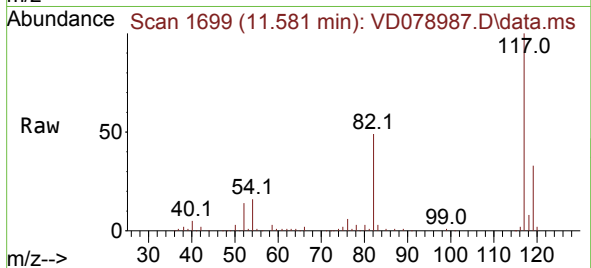
Tgt Ion: 95 Resp: 80692
Ion Ratio Lower Upper
95 100
174 96.3 0.0 195.4
176 91.3 0.0 192.6



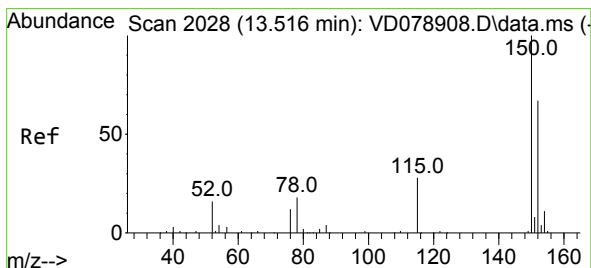
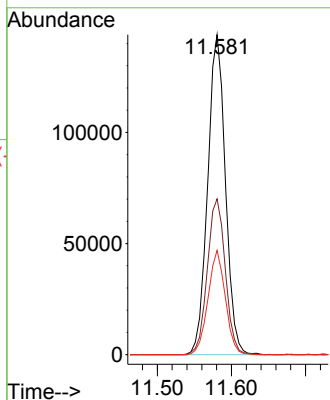
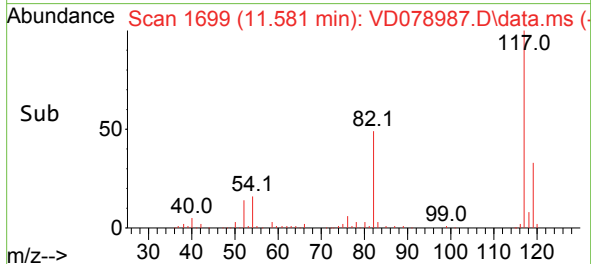


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

Instrument :
MSVOA_D
ClientSampleId :

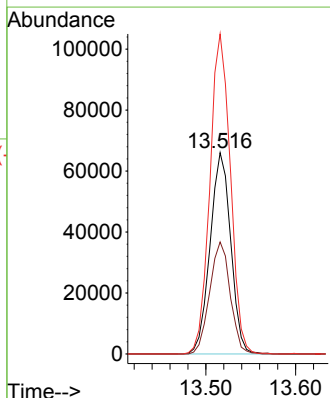
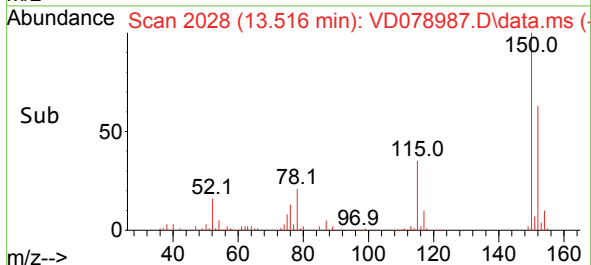
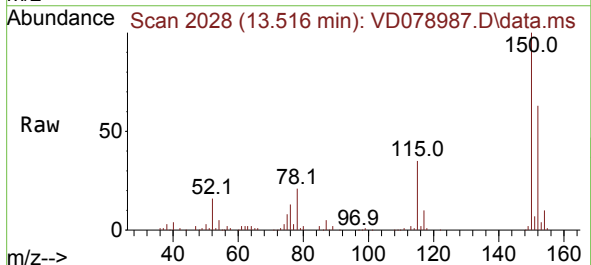


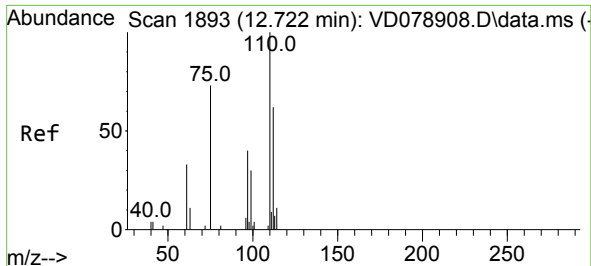
Tgt Ion:117 Resp: 239348
Ion Ratio Lower Upper
117 100
82 48.7 39.8 59.6
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

Tgt Ion:152 Resp: 105465
Ion Ratio Lower Upper
152 100
115 55.2 26.5 79.5
150 157.5 0.0 341.6

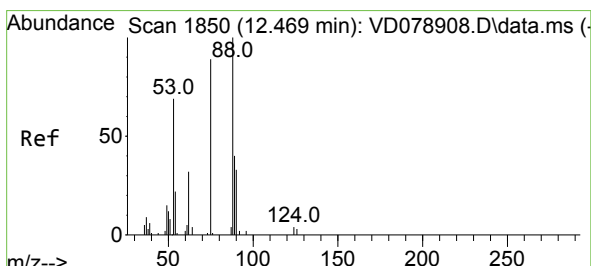
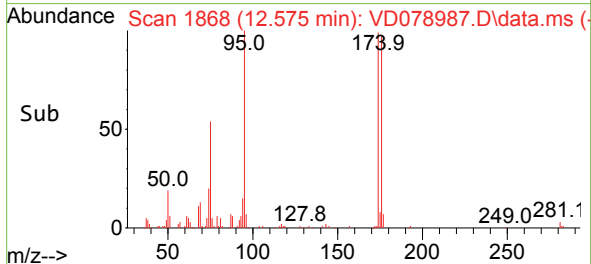
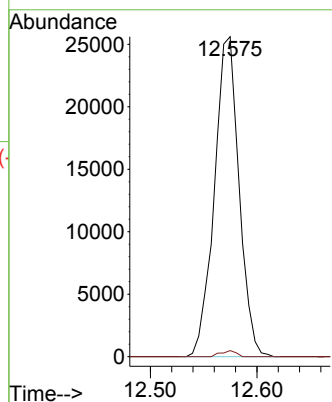
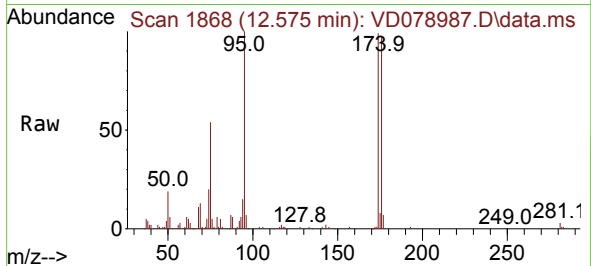




#76
1,2,3-Trichloropropane
Concen: 55.449 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 41170
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.958 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078987.D
Acq: 22 May 2024 18:48

Tgt Ion: 75 Resp: 41170
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

