

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075388.D
 Acq On : 21 Feb 2023 18:39
 Operator : KP/SY
 Sample : 01613-08RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-923-925RE

Quant Time: Feb 22 00:54:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

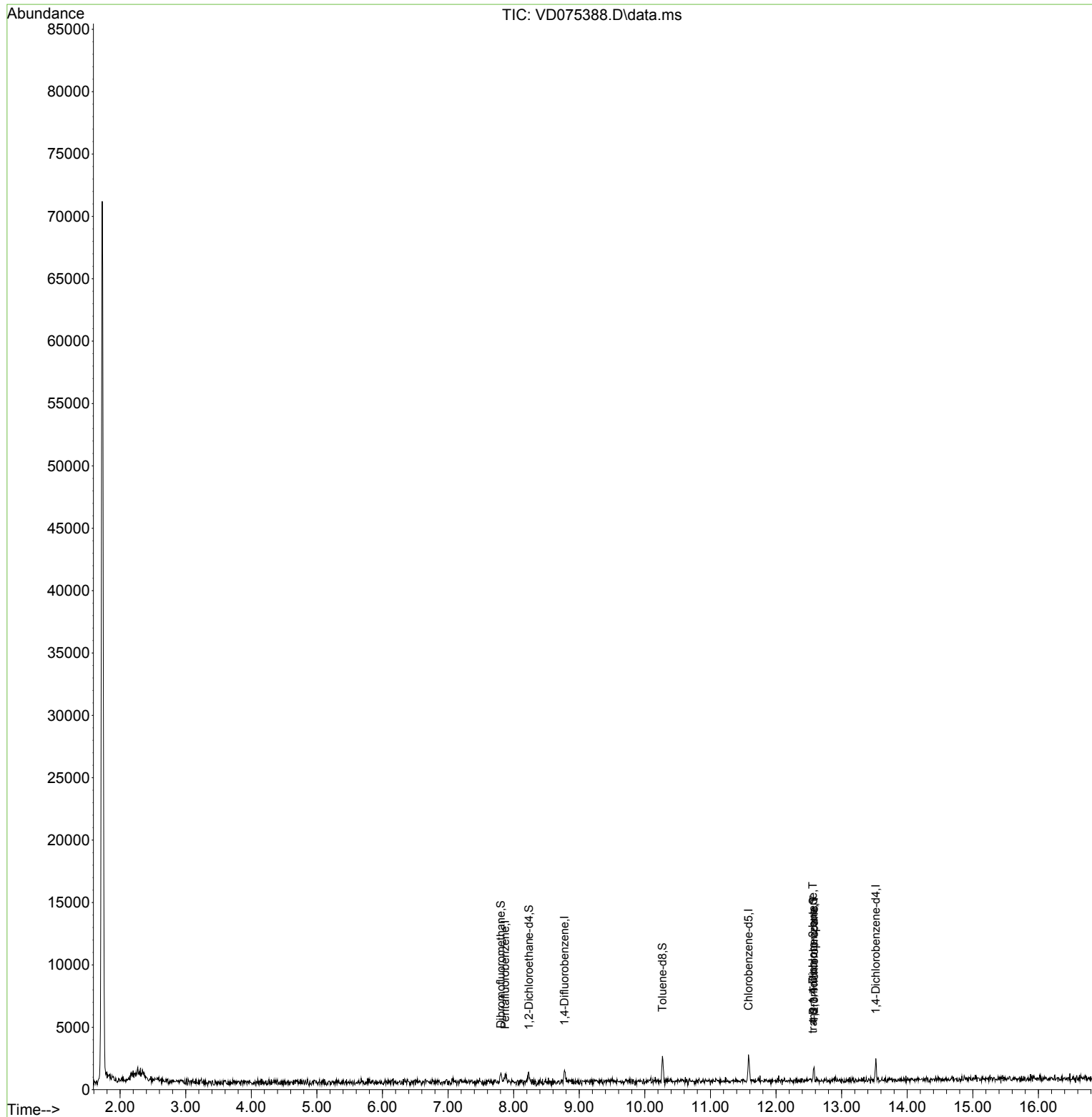
Internal Standards						
1) Pentafluorobenzene	7.869	168	800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	1266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	1353	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1007	152.714	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	305.420%#	
35) Dibromofluoromethane	7.805	113	579	77.040	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	154.080%#	
50) Toluene-d8	10.269	98	1498	55.230	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	110.460%	
62) 4-Bromofluorobenzene	12.569	95	429	47.104	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	94.200%	
Target Compounds						
						Qvalue
76) 1,2,3-Trichloropropane	12.581	75	149	44.641	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.563	75	57	41.384	ug/l	# 5

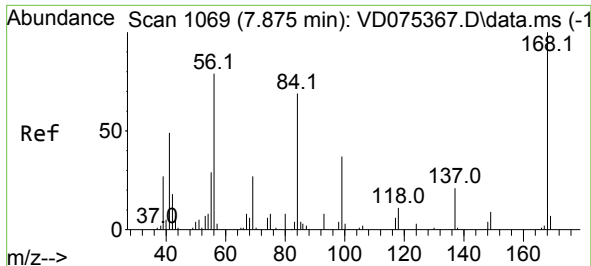
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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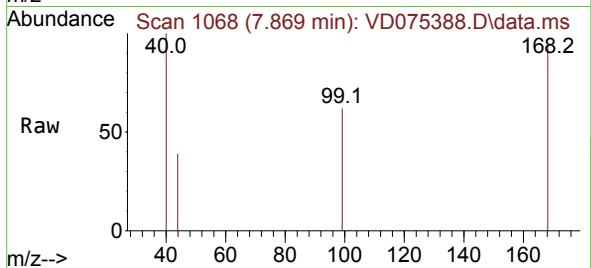
Quant Time: Feb 22 00:54:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
Quant Title : SW846 8260
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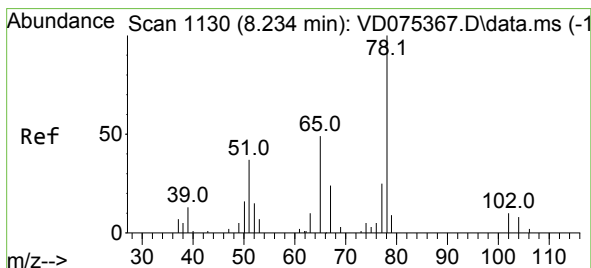
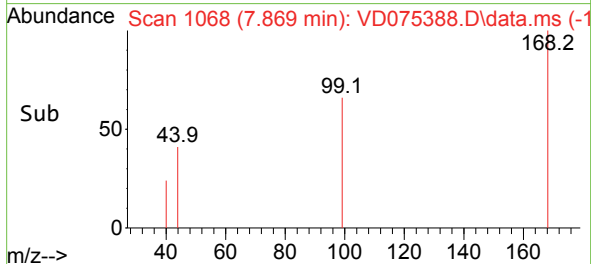
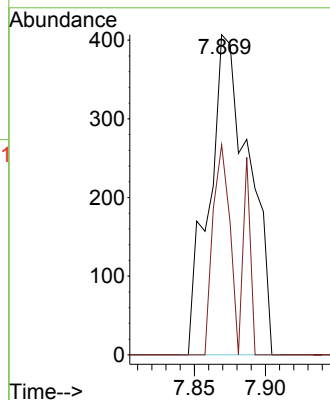


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075388.D
Acq: 21 Feb 2023 18:39

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925RE

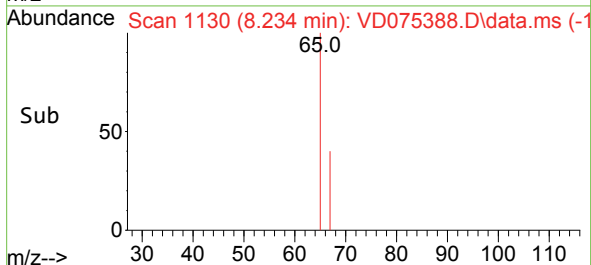
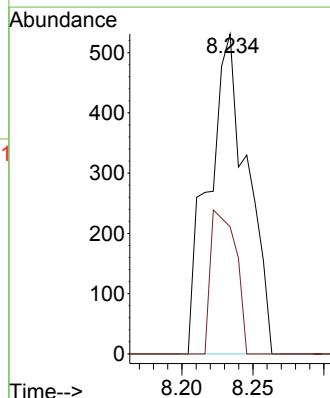
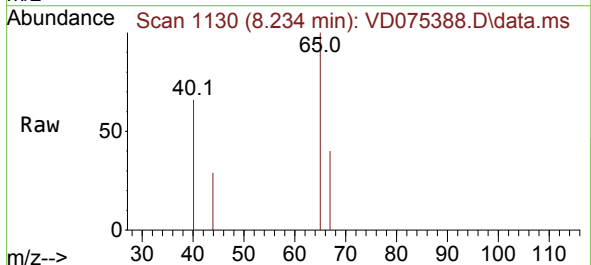


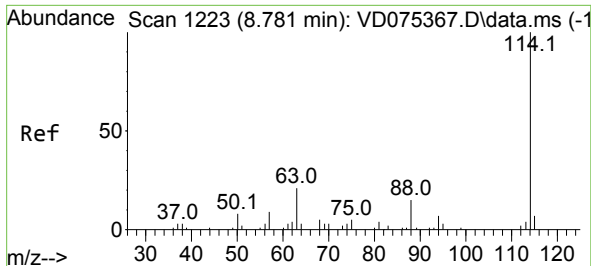
Tgt Ion:168 Resp: 800
Ion Ratio Lower Upper
168 100
99 65.6 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 152.714 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075388.D
Acq: 21 Feb 2023 18:39

Tgt Ion: 65 Resp: 1007
Ion Ratio Lower Upper
65 100
67 29.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075388.D

Acq: 21 Feb 2023 18:39

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW10-GW-923-925RE

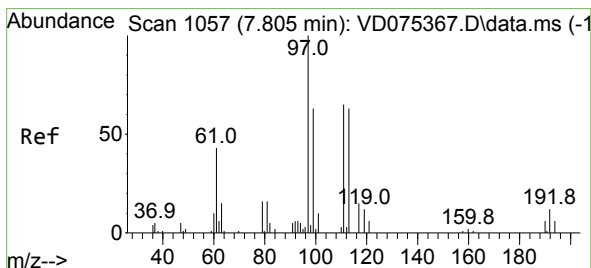
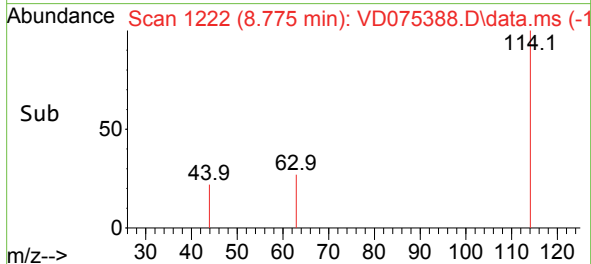
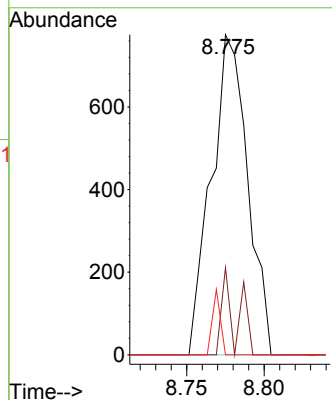
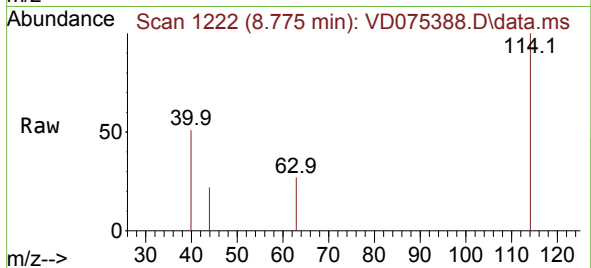
Tgt Ion:114 Resp: 1266

Ion Ratio Lower Upper

114 100

63 27.2 0.0 41.6

88 0.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 77.040 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075388.D

Acq: 21 Feb 2023 18:39

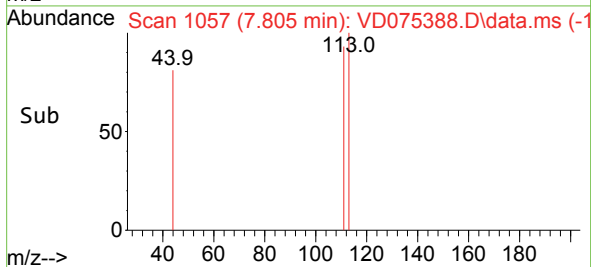
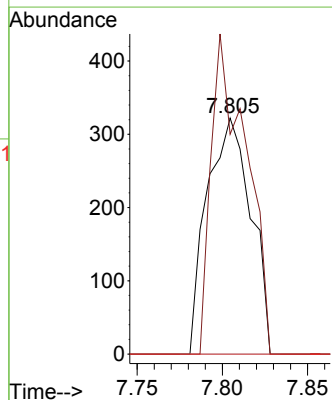
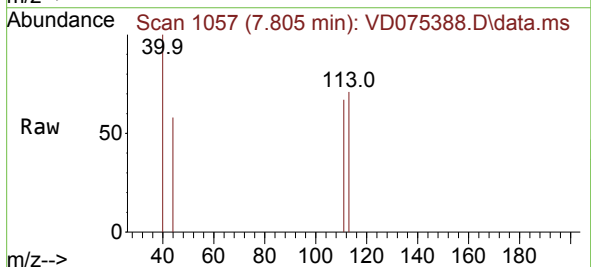
Tgt Ion:113 Resp: 579

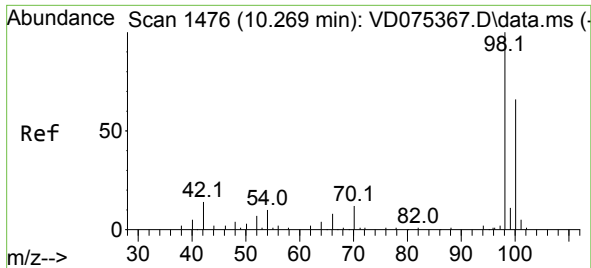
Ion Ratio Lower Upper

113 100

111 108.1 81.4 122.0

192 0.0 15.2 22.8#

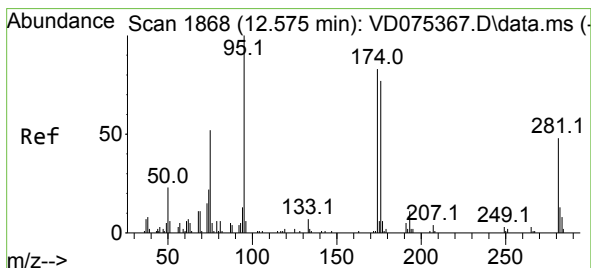
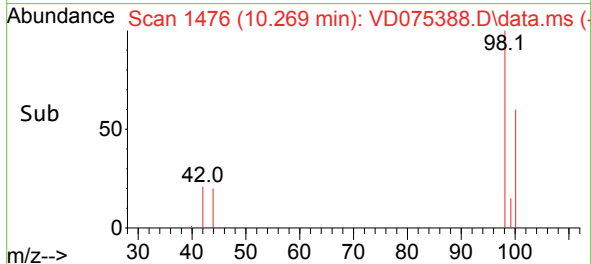
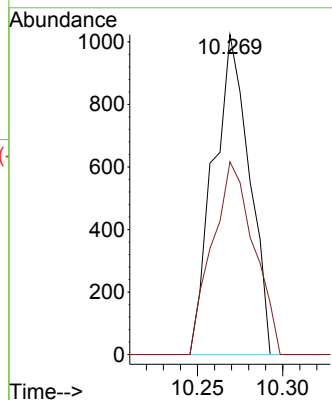
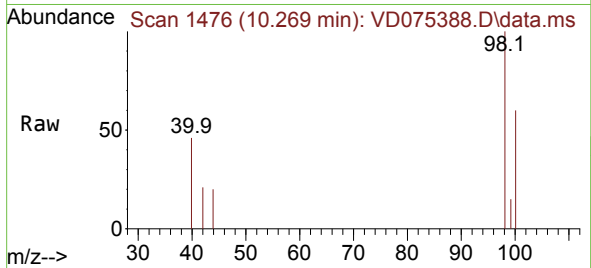




#50
Toluene-d8
Concen: 55.230 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075388.D
Acq: 21 Feb 2023 18:39

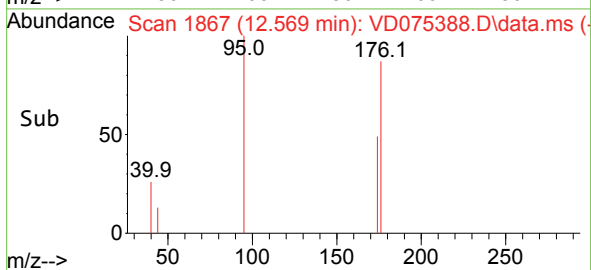
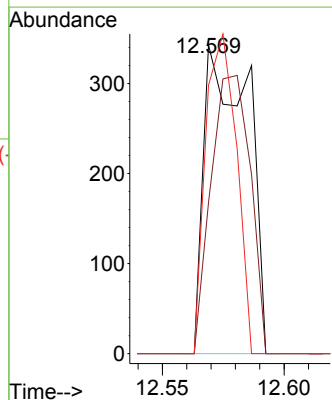
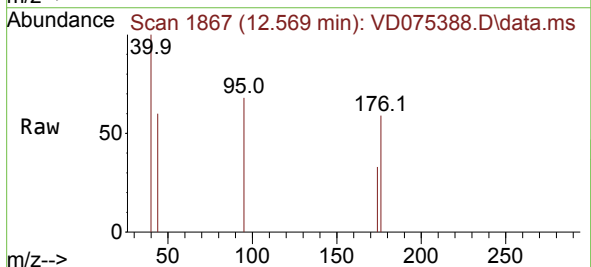
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW10-GW-923-925RE

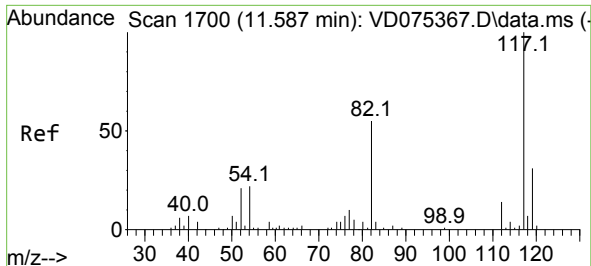
Tgt Ion: 98 Resp: 1498
Ion Ratio Lower Upper
98 100
100 69.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.104 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD075388.D
Acq: 21 Feb 2023 18:39

Tgt Ion: 95 Resp: 429
Ion Ratio Lower Upper
95 100
174 80.7 0.0 164.0
176 72.5 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075388.D

Acq: 21 Feb 2023 18:39

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW10-GW-923-925RE

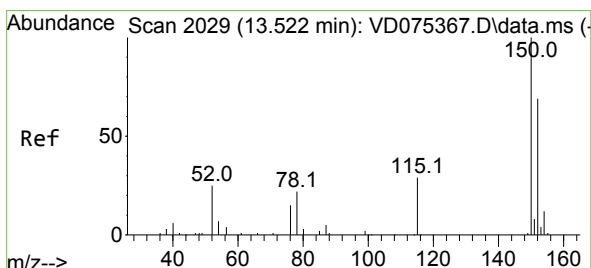
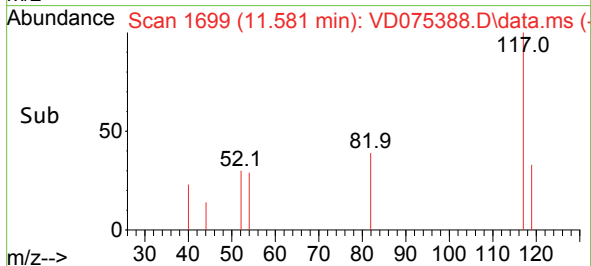
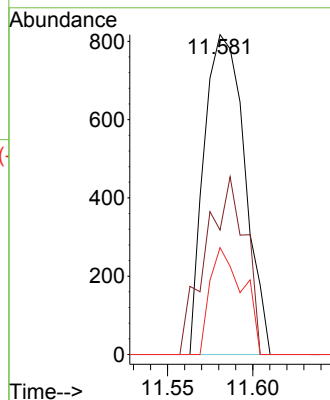
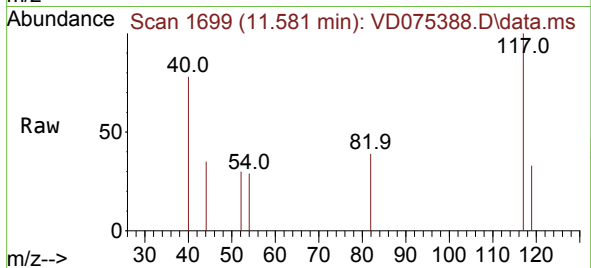
Tgt Ion:117 Resp: 1353

Ion Ratio Lower Upper

117 100

82 38.9 44.0 66.0#

119 33.4 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075388.D

Acq: 21 Feb 2023 18:39

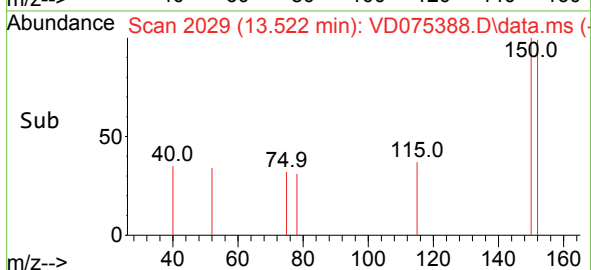
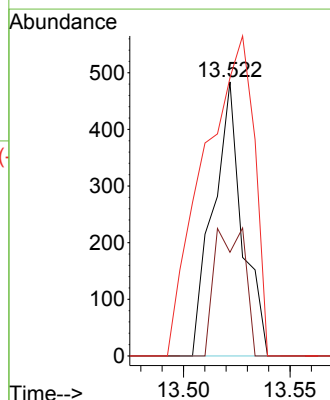
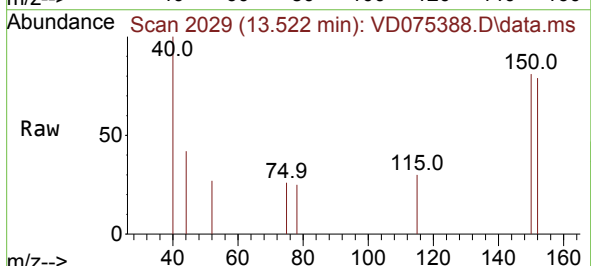
Tgt Ion:152 Resp: 461

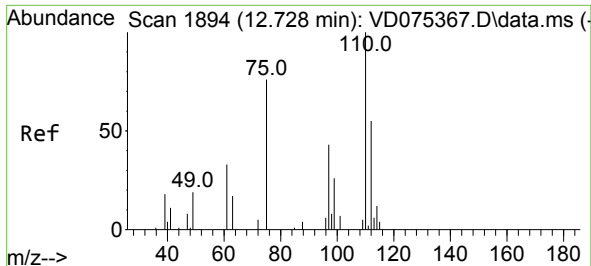
Ion Ratio Lower Upper

152 100

115 48.6 30.1 90.3

150 201.3 0.0 364.8

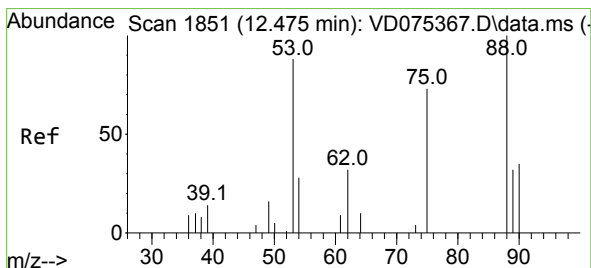
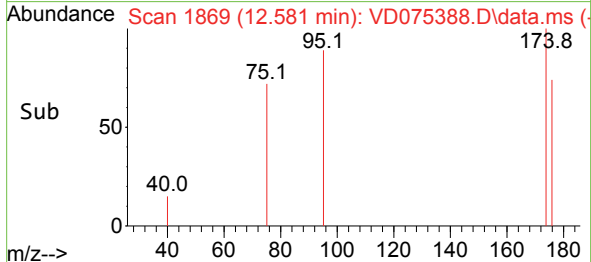
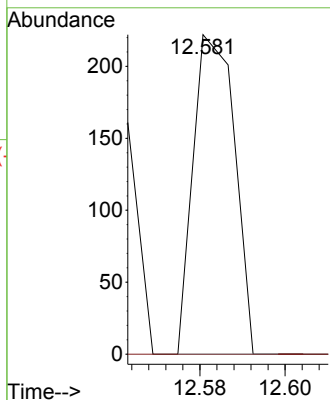
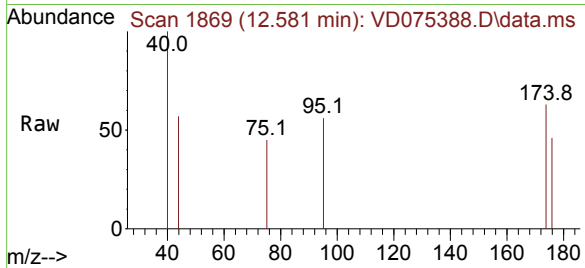




#76
1,2,3-Trichloropropane
Concen: 44.641 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075388.D
Acq: 21 Feb 2023 18:39

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925RE

Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 41.384 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.088 min
Lab File: VD075388.D
Acq: 21 Feb 2023 18:39

Tgt Ion: 75 Resp: 57
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

