

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078985.D
 Acq On : 22 May 2024 17:52
 Operator : RP/MD
 Sample : P2518-03
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-MH-MM

Quant Time: May 23 06:06:50 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)

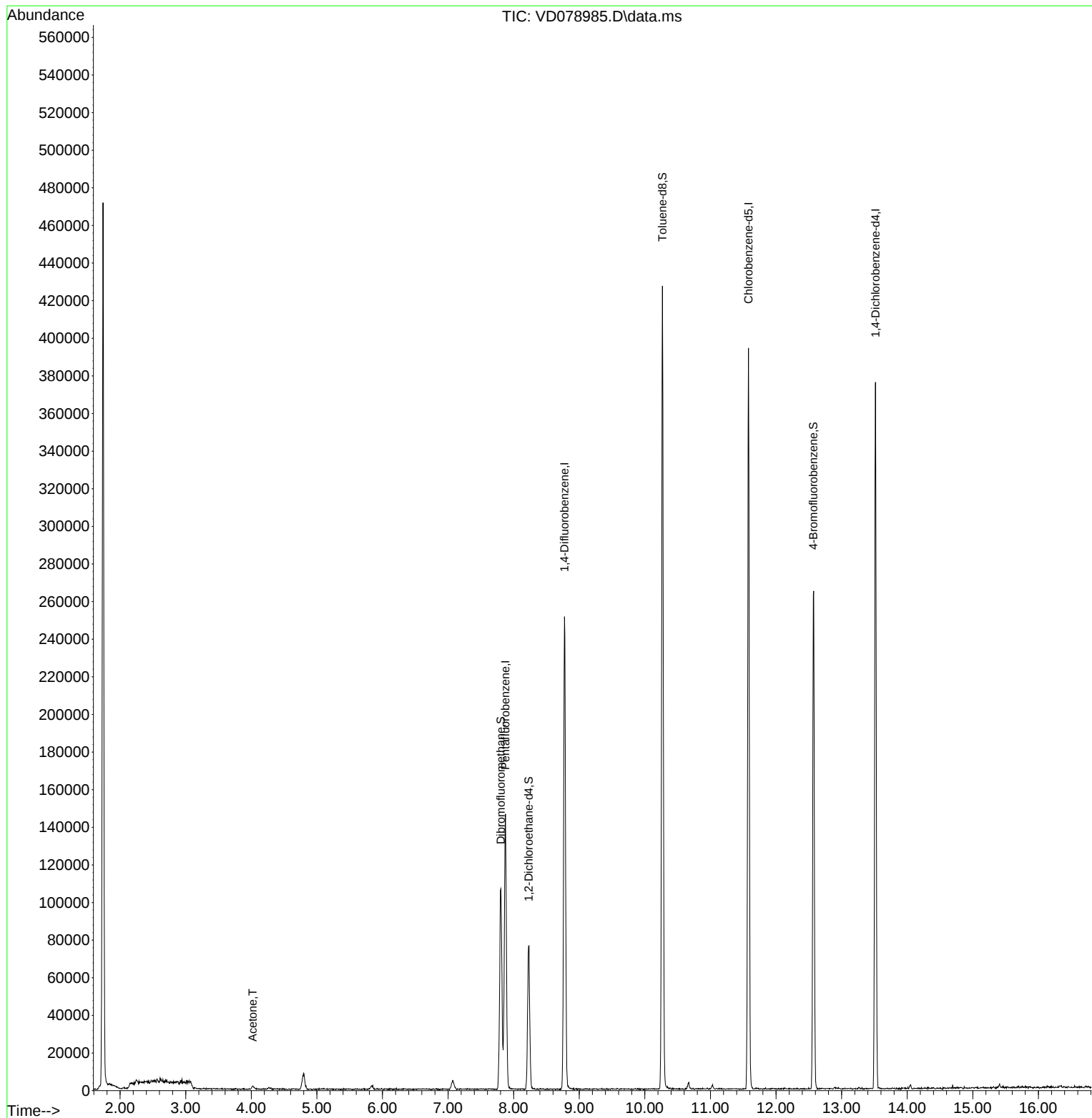
Internal Standards						
1) Pentafluorobenzene	7.875	168	116179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	238244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59246	54.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.740%	
35) Dibromofluoromethane	7.804	113	80170	50.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.100%	
50) Toluene-d8	10.269	98	301013	50.630	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.569	95	81193	48.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.220%	
Target Compounds						
16) Acetone	4.022	43	2761	15.890	ug/l	Qvalue # 83

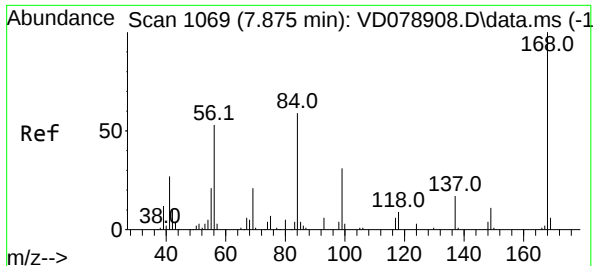
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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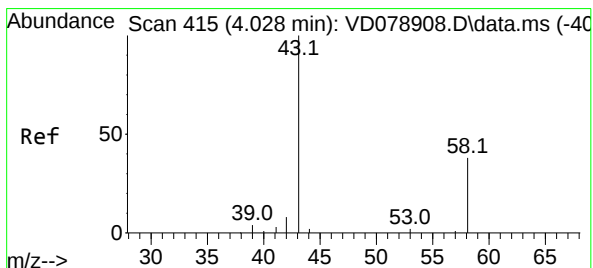
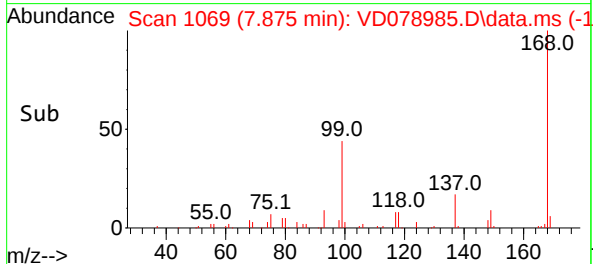
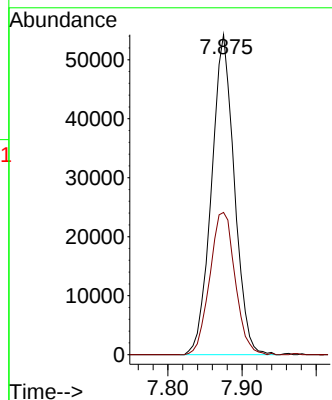
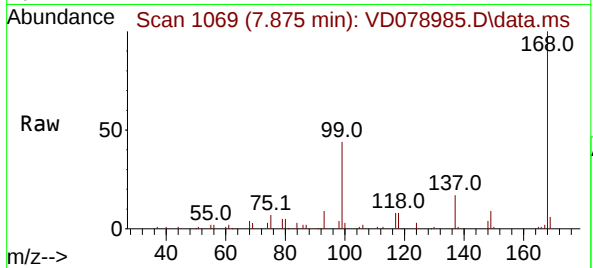




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

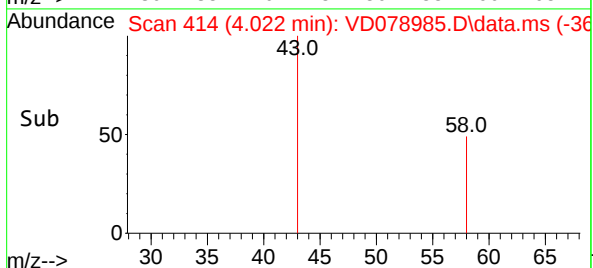
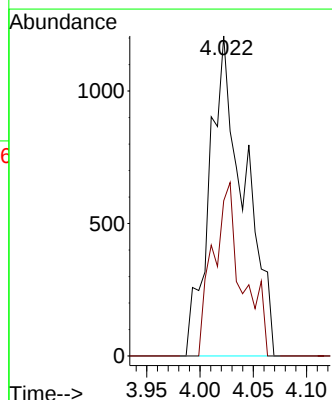
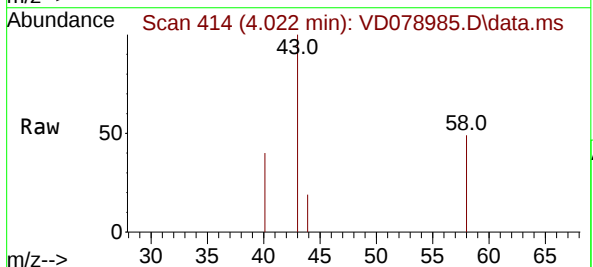
Instrument :
MSVOA_D
ClientSampleId :
VOC-MH-MM

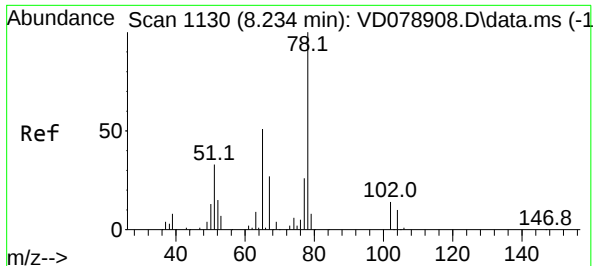
Tgt Ion:168 Resp: 116179
Ion Ratio Lower Upper
168 100
99 44.4 41.1 61.7



#16
Acetone
Concen: 15.890 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
58 48.5 30.4 45.6#





#33

1,2-Dichloroethane-d4

Concen: 54.366 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078985.D

Acq: 22 May 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :

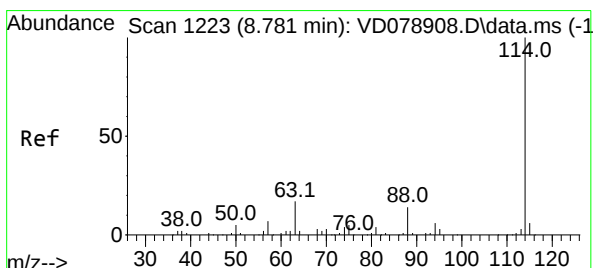
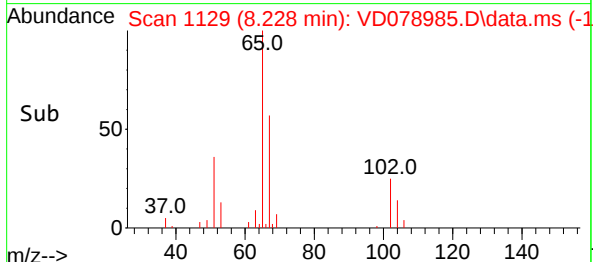
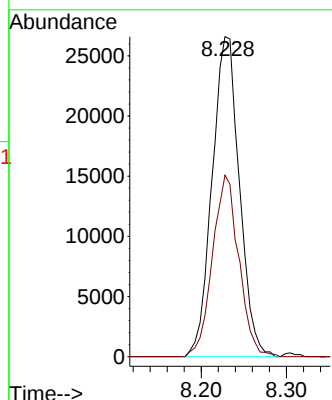
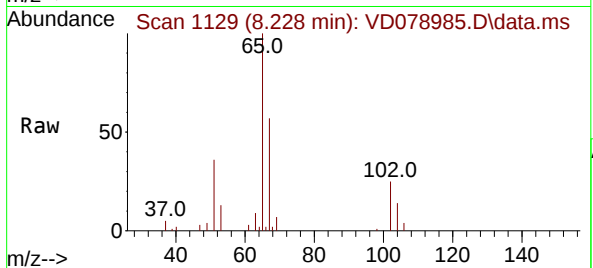
VOC-MH-MM

Tgt Ion: 65 Resp: 59246

Ion Ratio Lower Upper

65 100

67 54.7 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: VD078985.D

Acq: 22 May 2024 17:52

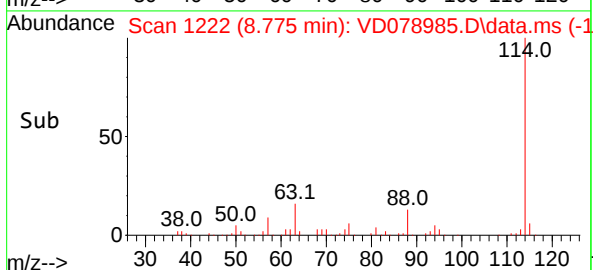
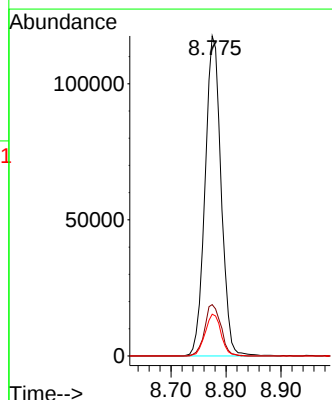
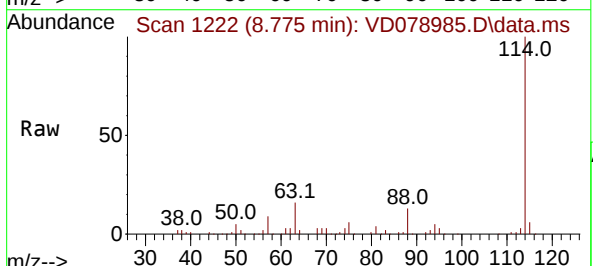
Tgt Ion: 114 Resp: 238244

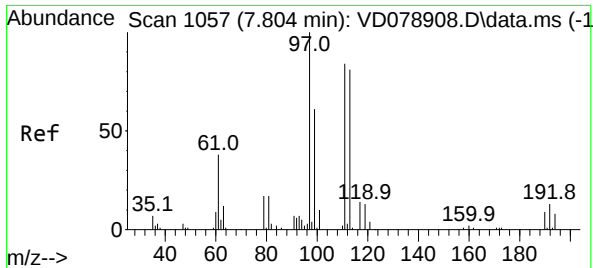
Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.0

88 13.1 0.0 27.2

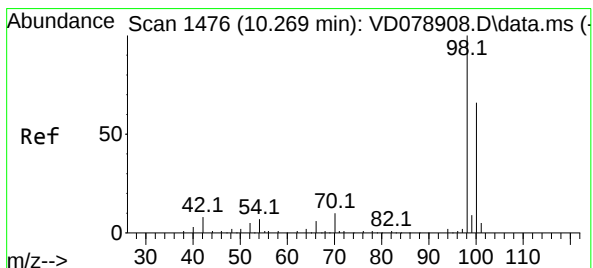
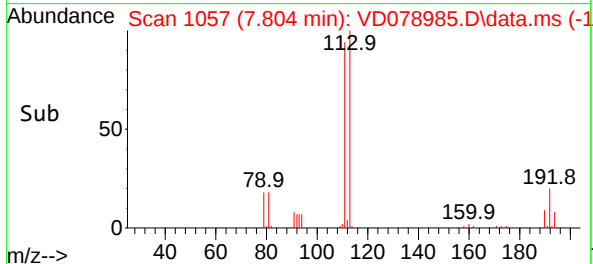
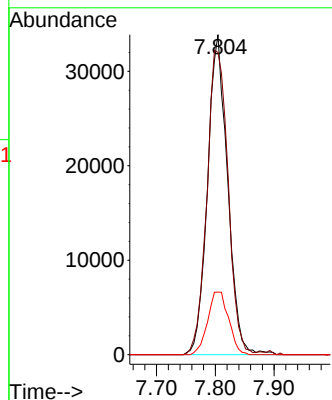
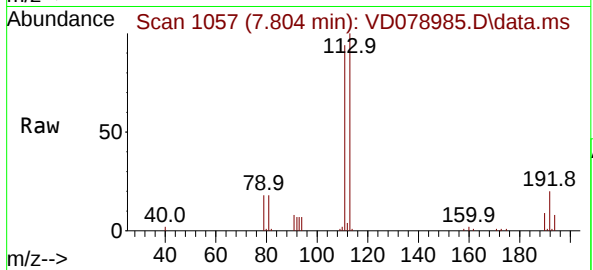




#35
Dibromofluoromethane
Concen: 50.551 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

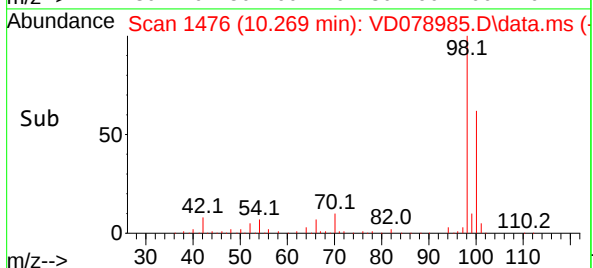
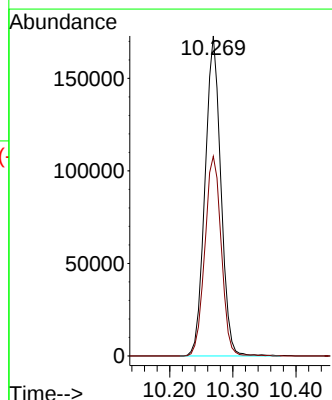
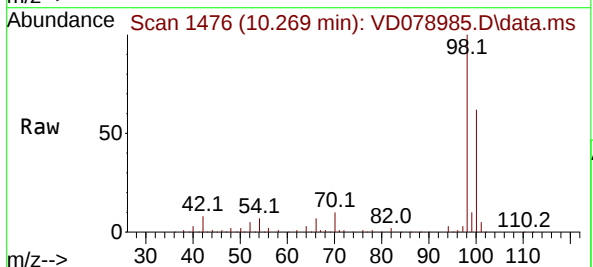
Instrument :
MSVOA_D
ClientSampleId :
VOC-MH-MM

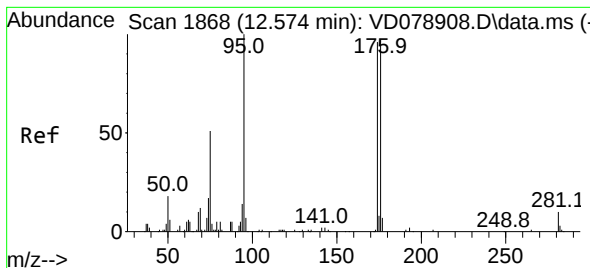
Tgt Ion:113 Resp: 80170
Ion Ratio Lower Upper
113 100
111 100.7 84.0 126.0
192 20.5 15.4 23.0



#50
Toluene-d8
Concen: 50.630 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

Tgt Ion: 98 Resp: 301013
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

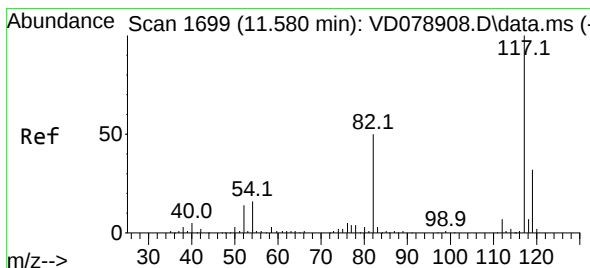
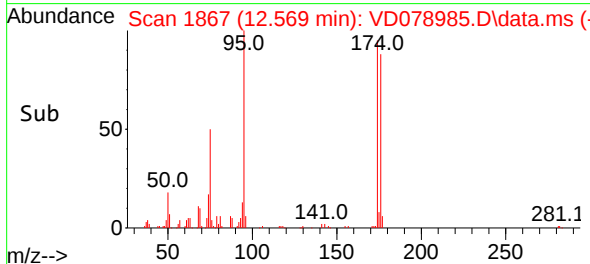
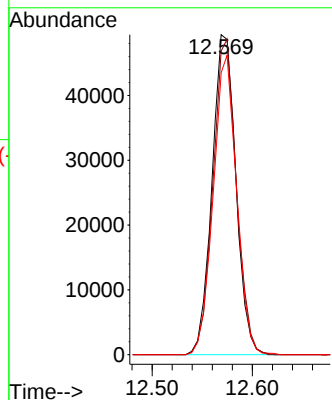
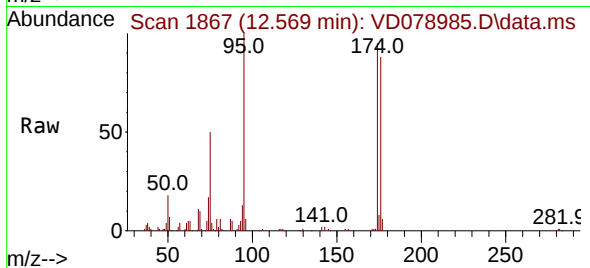




#62
4-Bromofluorobenzene
Concen: 48.613 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

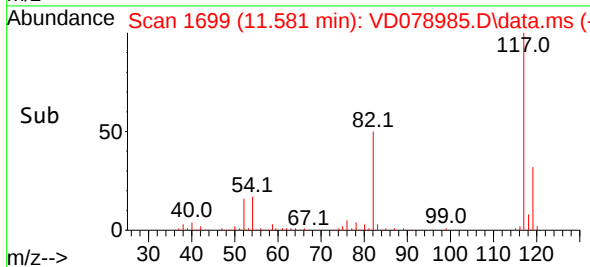
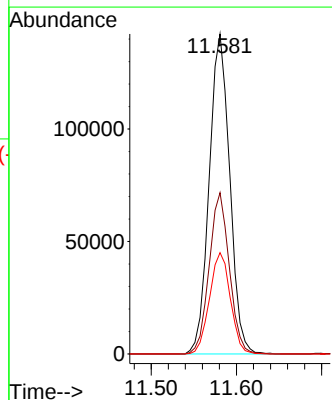
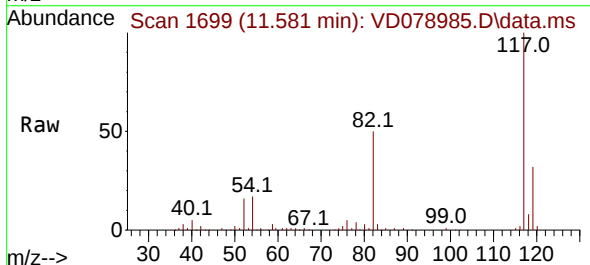
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MSVOA_D
ClientSampleId :
VOC-MH-MM

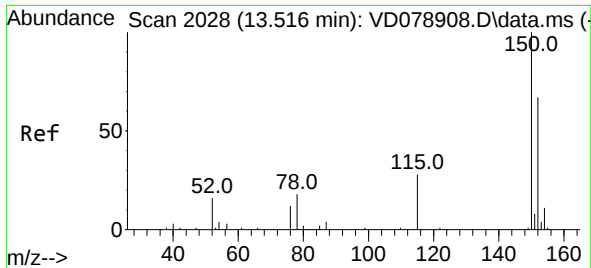
Tgt Ion: 95 Resp: 81193
Ion Ratio Lower Upper
95 100
174 97.2 0.0 195.4
176 91.9 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078985.D
Acq: 22 May 2024 17:52

Tgt Ion: 117 Resp: 238032
Ion Ratio Lower Upper
117 100
82 50.4 39.8 59.6
119 31.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078985.D

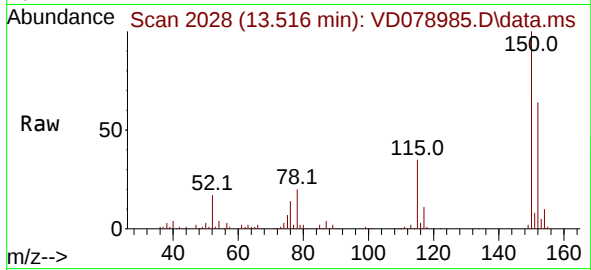
Acq: 22 May 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :

VOC-MH-MM



Tgt Ion:152 Resp: 105268

Ion Ratio Lower Upper

152 100

115 55.2 26.5 79.5

150 158.5 0.0 341.6

