

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075340.D
 Acq On : 14 Feb 2023 13:47
 Operator : KP/SY
 Sample : 01537-15
 Misc : 7.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-16

Quant Time: Feb 15 03:33:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	60504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	109859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	113489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34635	48.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.640%
35) Dibromofluoromethane	7.804	113	35136	45.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.220%
50) Toluene-d8	10.269	98	138747	47.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.980%
62) 4-Bromofluorobenzene	12.575	95	50195	52.108	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.220%

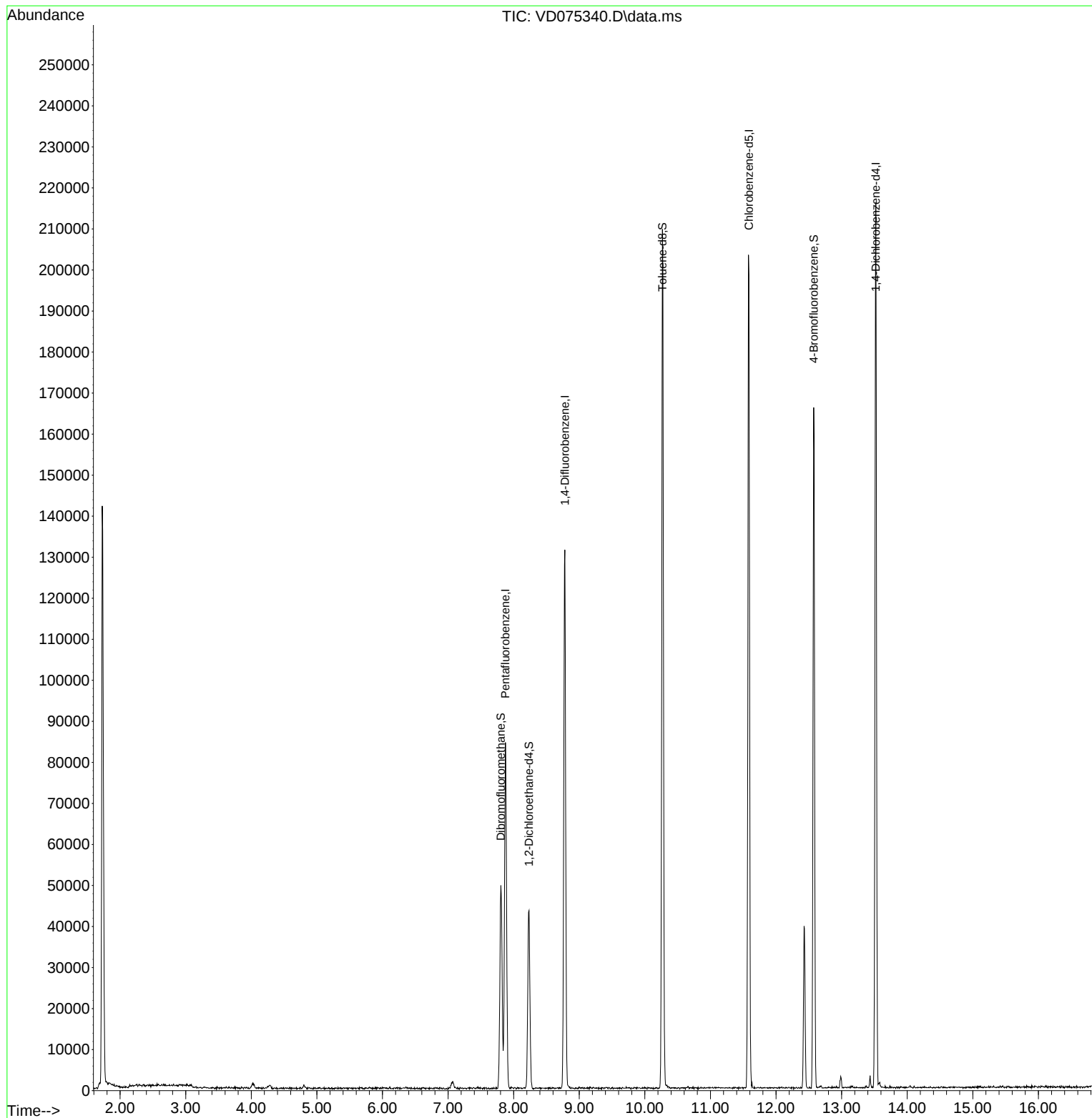
Target Compounds	Qvalue

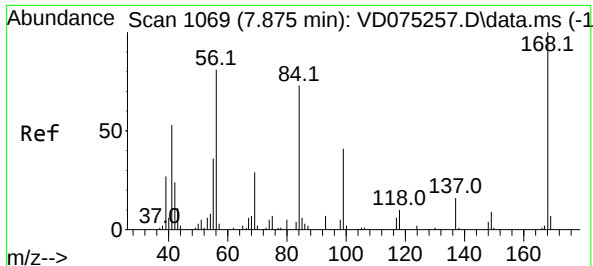
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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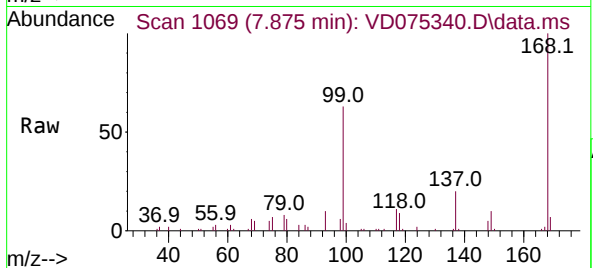
Quant Time: Feb 15 03:33:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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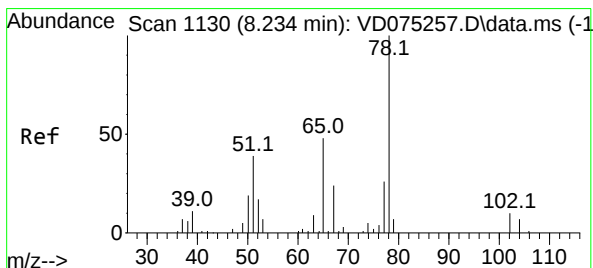
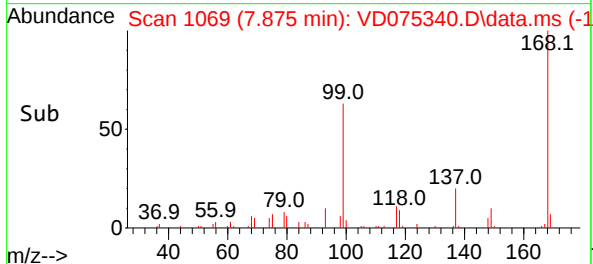
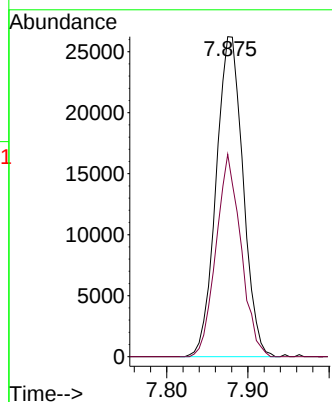


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075340.D
Acq: 14 Feb 2023 13:47

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-16

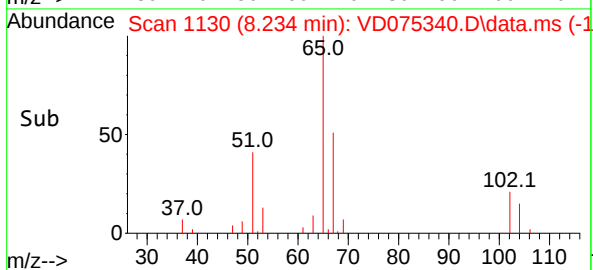
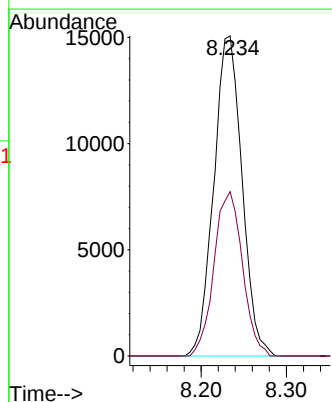
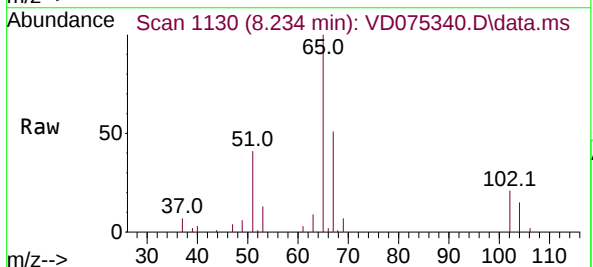


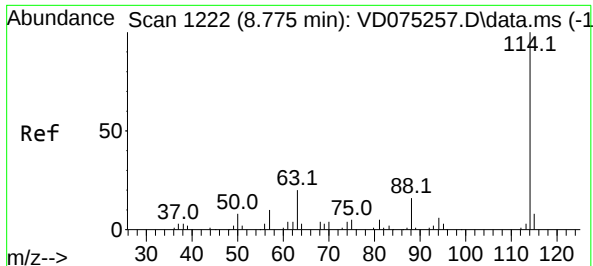
Tgt Ion:168 Resp: 60504
Ion Ratio Lower Upper
168 100
99 63.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 48.819 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075340.D
Acq: 14 Feb 2023 13:47

Tgt Ion: 65 Resp: 34635
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.2

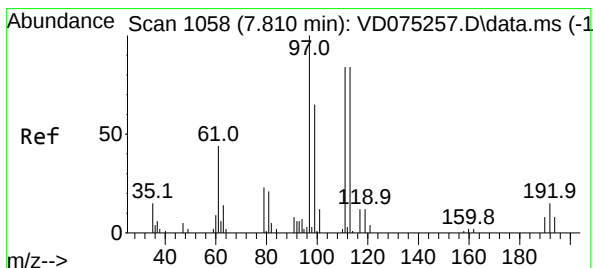
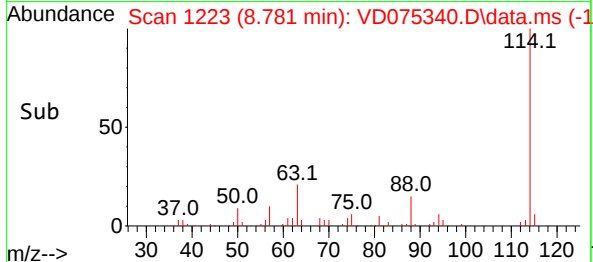
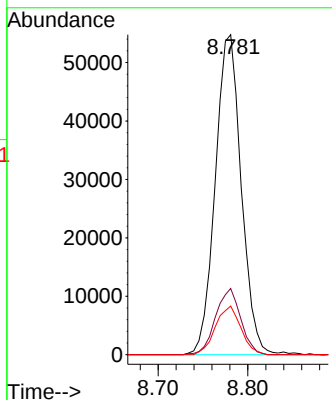
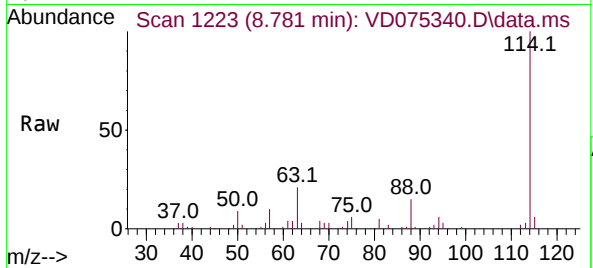




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075340.D
Acq: 14 Feb 2023 13:47

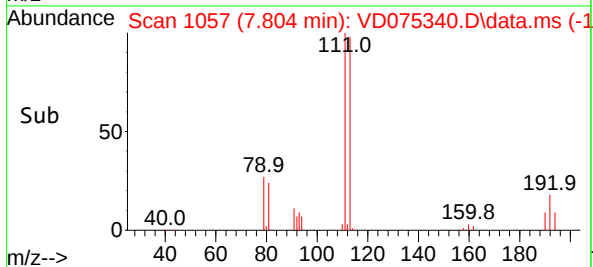
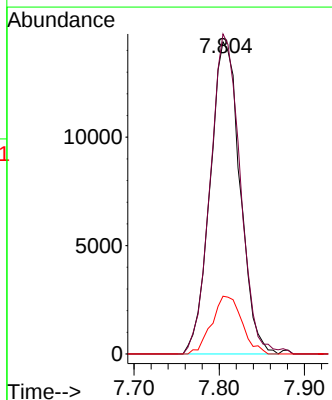
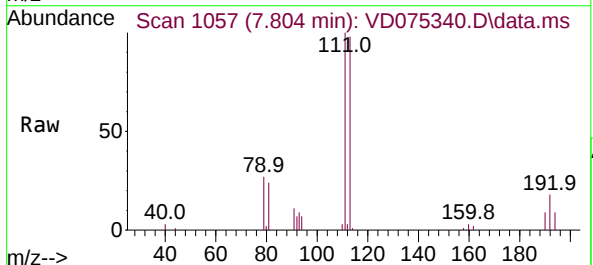
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-16

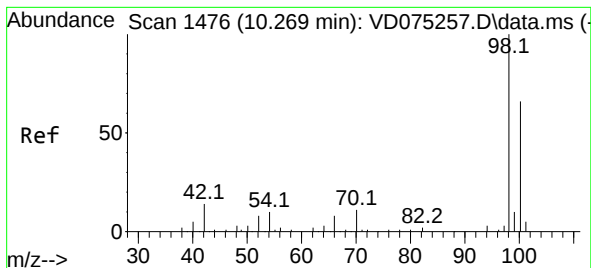
Tgt Ion:114 Resp: 109859
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.2
88 15.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.612 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075340.D
Acq: 14 Feb 2023 13:47

Tgt Ion:113 Resp: 35136
Ion Ratio Lower Upper
113 100
111 102.5 80.1 120.1
192 18.7 15.4 23.0

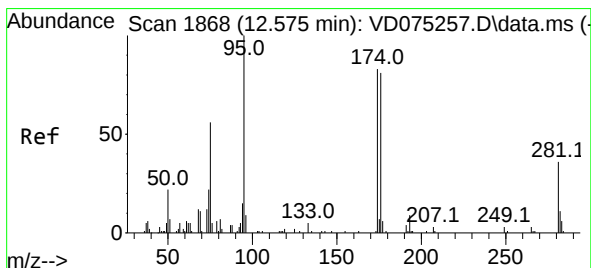
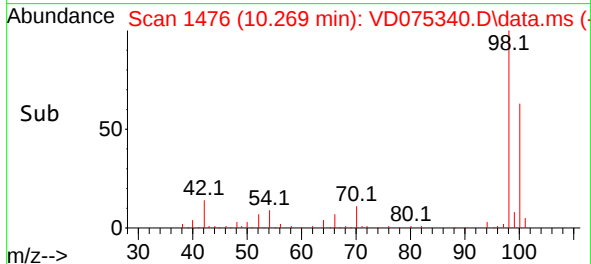
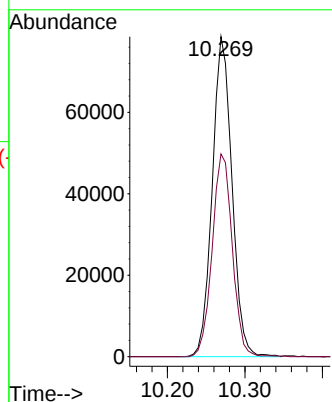
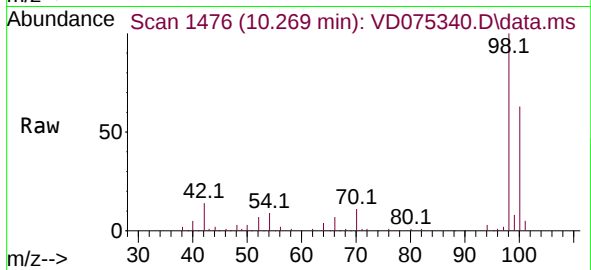




#50
Toluene-d8
Concen: 47.494 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075340.D
Acq: 14 Feb 2023 13:47

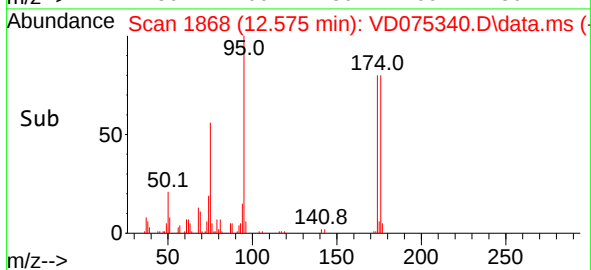
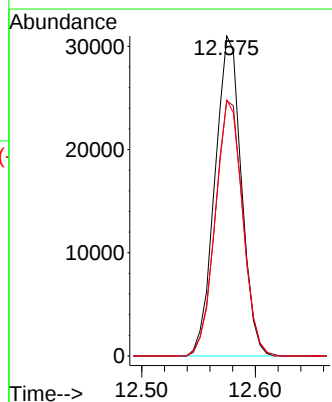
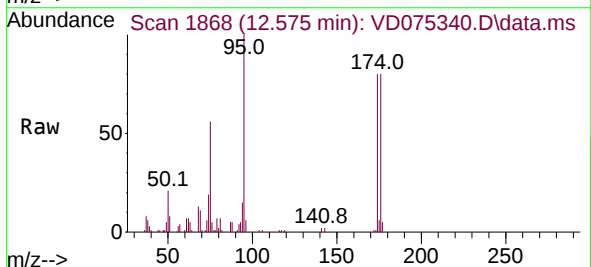
Instrument :
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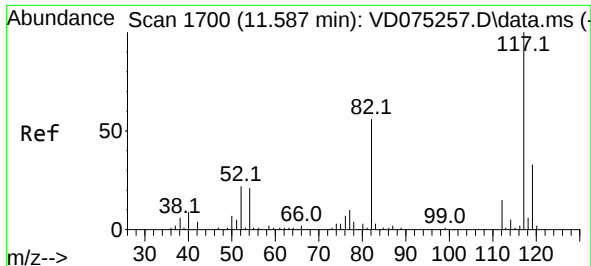
Tgt Ion: 98 Resp: 138747
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.108 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075340.D
Acq: 14 Feb 2023 13:47

Tgt Ion: 95 Resp: 50195
Ion Ratio Lower Upper
95 100
174 83.1 0.0 161.2
176 82.3 0.0 160.2

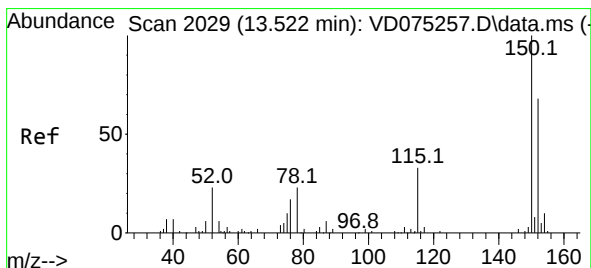
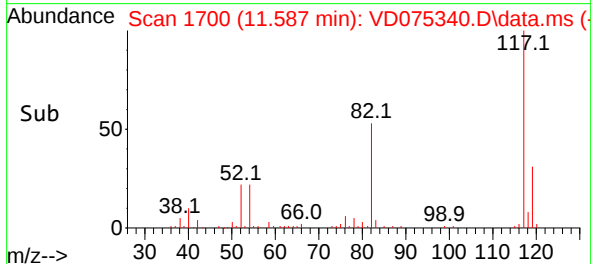
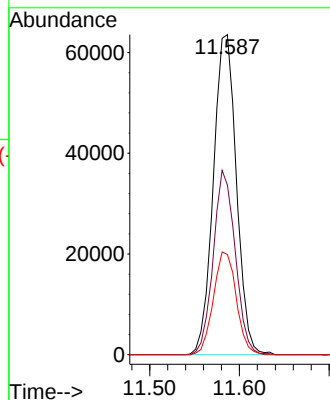
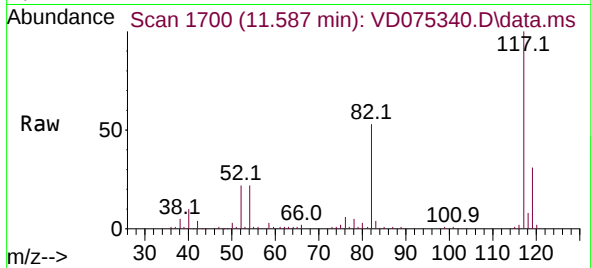




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075340.D
Acq: 14 Feb 2023 13:47

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-16

Tgt Ion:117 Resp: 113489
Ion Ratio Lower Upper
117 100
82 53.0 39.6 59.4
119 31.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075340.D
Acq: 14 Feb 2023 13:47

Tgt Ion:152 Resp: 53962
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.4
150 157.3 0.0 348.6

