

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075359.D
 Acq On : 17 Feb 2023 16:49
 Operator : KP/SY
 Sample : 01610-01
 Misc : 5.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-1

Quant Time: Feb 18 01:07:25 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	62706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	110545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	115799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32643	44.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.800%
35) Dibromofluoromethane	7.810	113	35459	45.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.500%
50) Toluene-d8	10.269	98	141639	48.183	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.575	95	50839	52.449	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.900%

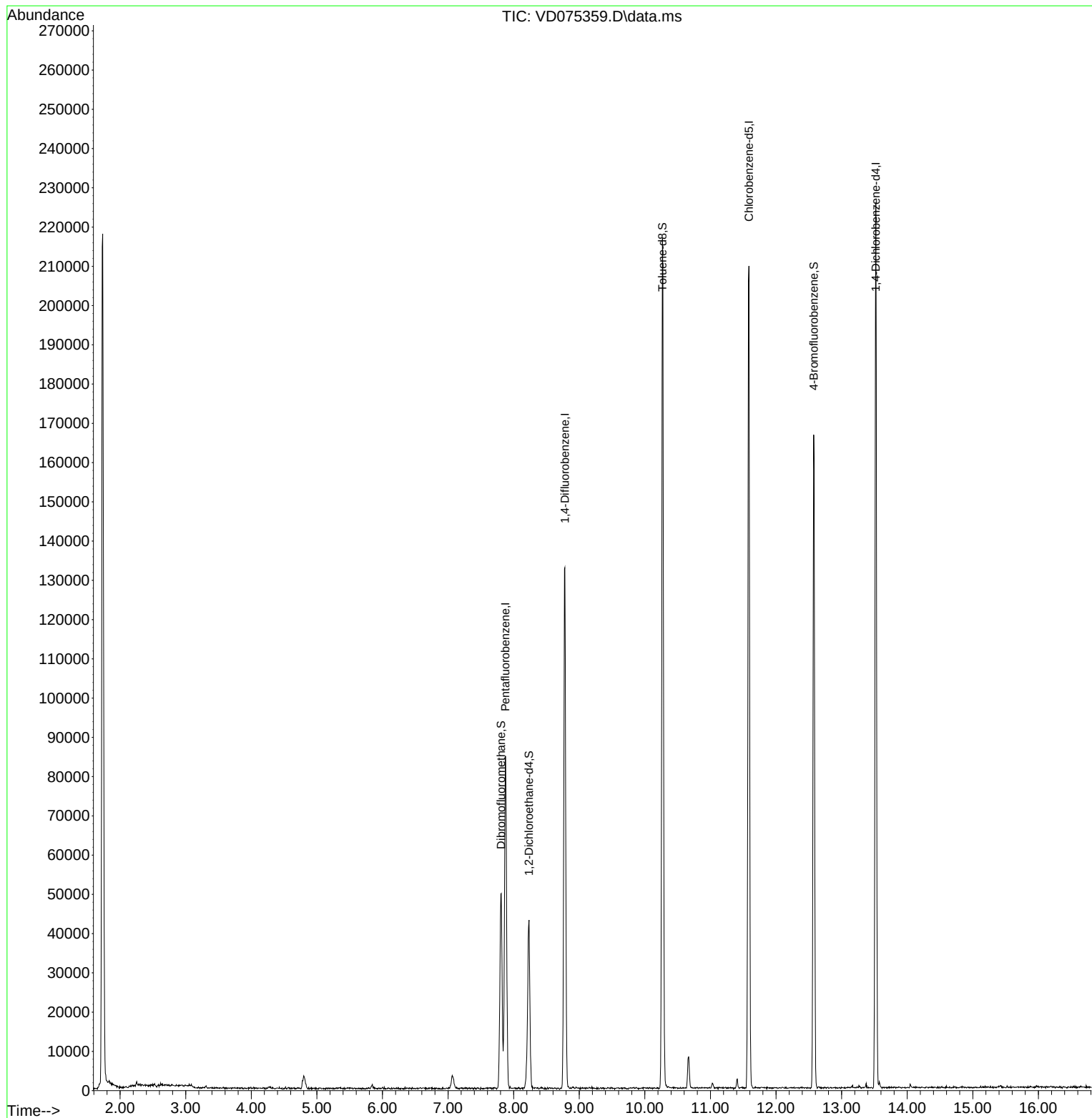
Target Compounds	Qvalue

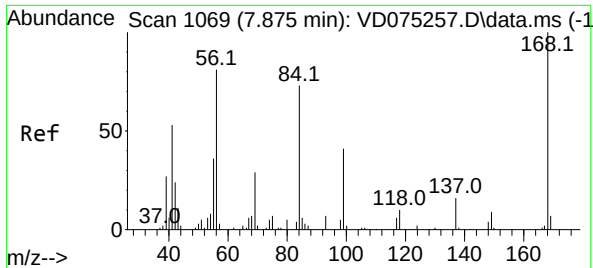
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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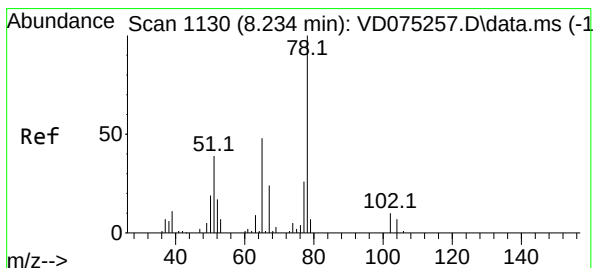
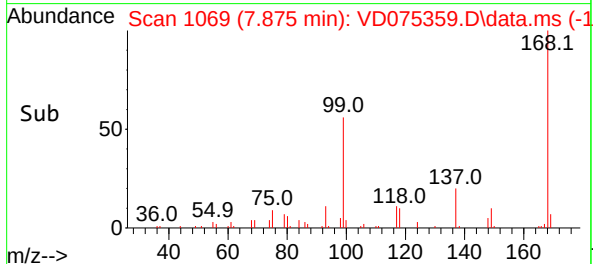
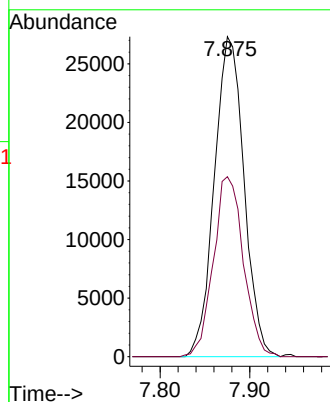
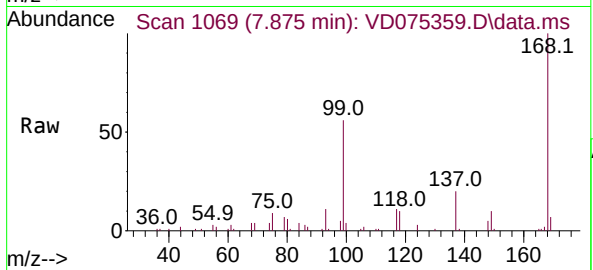




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075359.D
Acq: 17 Feb 2023 16:49

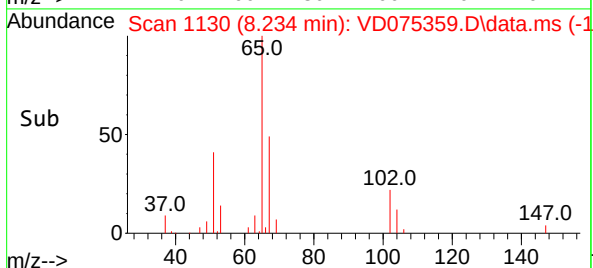
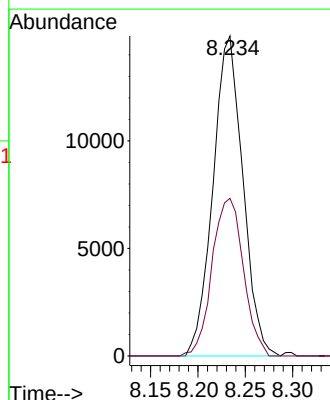
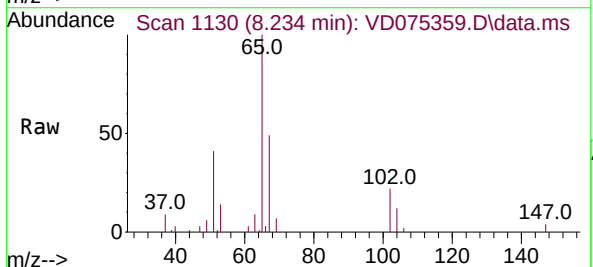
Instrument :
MSVOA_D
ClientSampleId :
CF-1

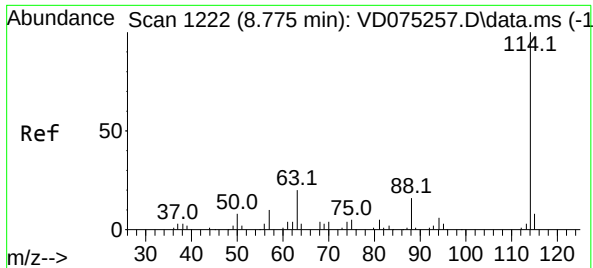
Tgt Ion:168 Resp: 62706
Ion Ratio Lower Upper
168 100
99 56.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 44.395 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075359.D
Acq: 17 Feb 2023 16:49

Tgt Ion: 65 Resp: 32643
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2

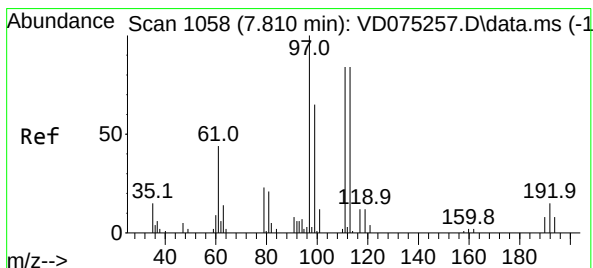
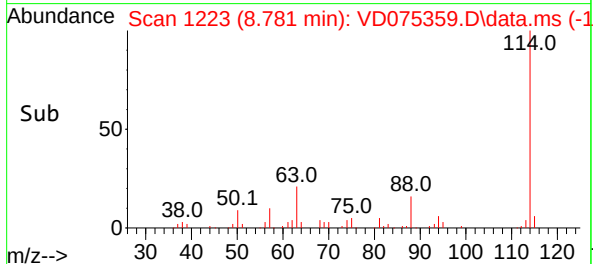
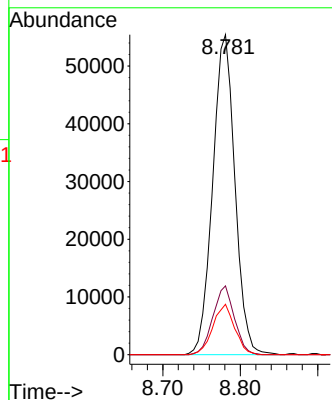
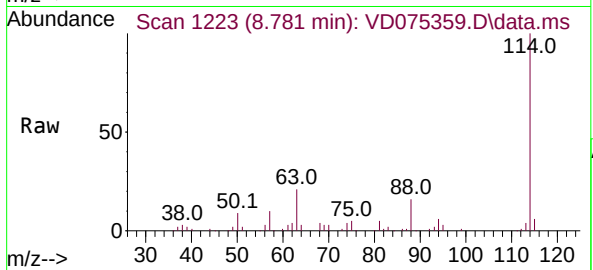




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075359.D
Acq: 17 Feb 2023 16:49

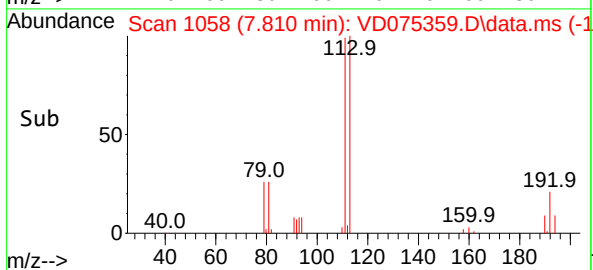
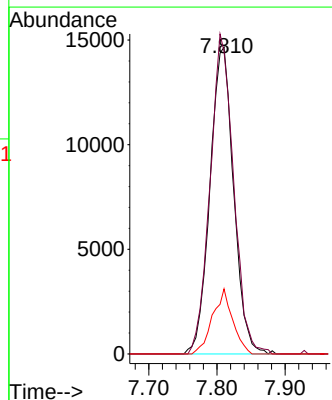
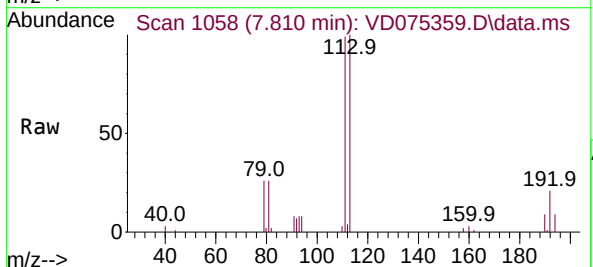
Instrument :
MSVOA_D
ClientSampleId :
CF-1

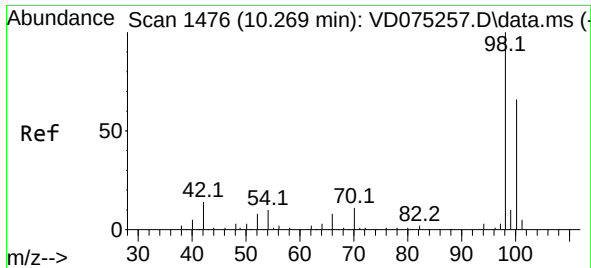
Tgt Ion:114 Resp: 110545
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.2
88 15.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.745 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075359.D
Acq: 17 Feb 2023 16:49

Tgt Ion:113 Resp: 35459
Ion Ratio Lower Upper
113 100
111 103.5 80.1 120.1
192 18.0 15.4 23.0

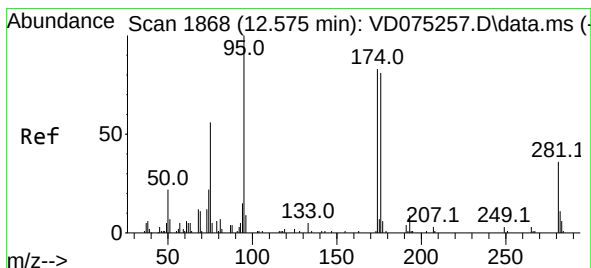
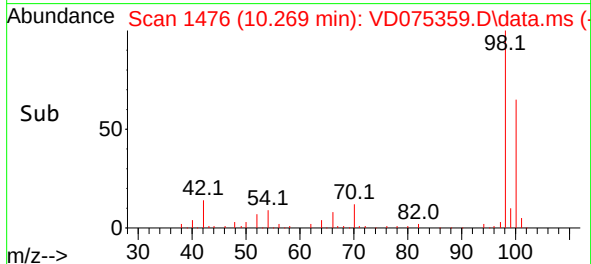
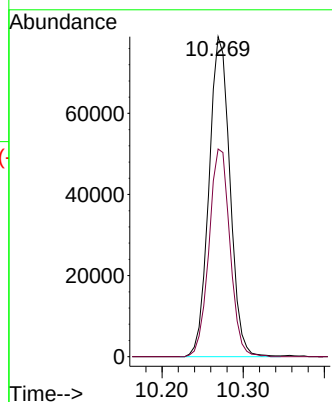
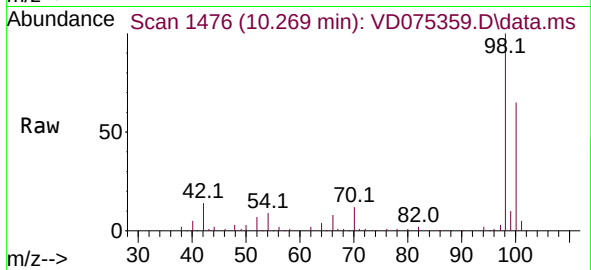




#50
Toluene-d8
Concen: 48.183 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075359.D
Acq: 17 Feb 2023 16:49

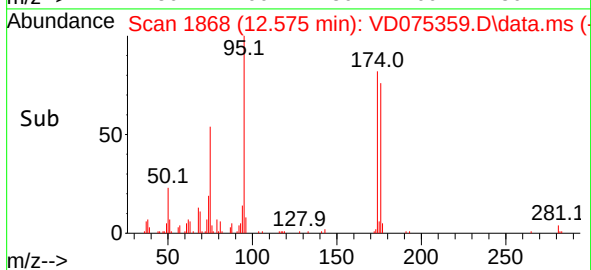
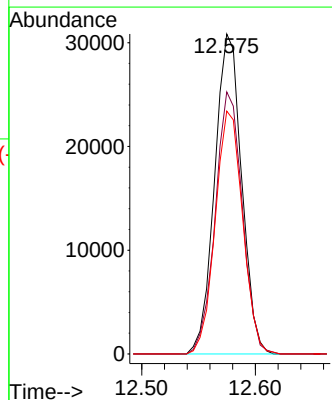
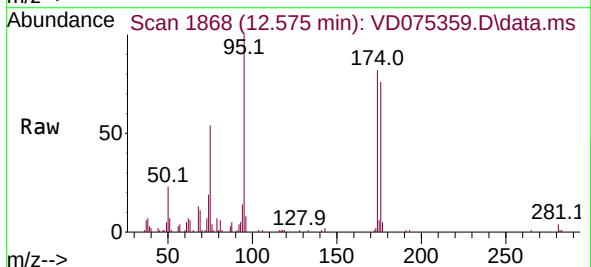
Instrument :
MSVOA_D
ClientSampleId :
CF-1

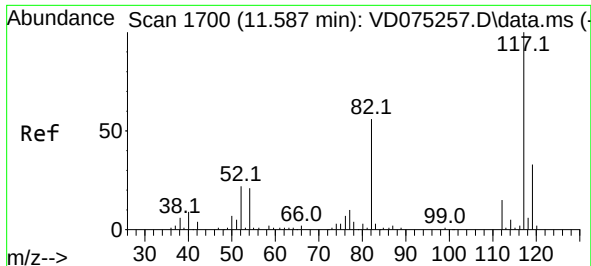
Tgt Ion: 98 Resp: 141639
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.449 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075359.D
Acq: 17 Feb 2023 16:49

Tgt Ion: 95 Resp: 50839
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.2
176 77.2 0.0 160.2

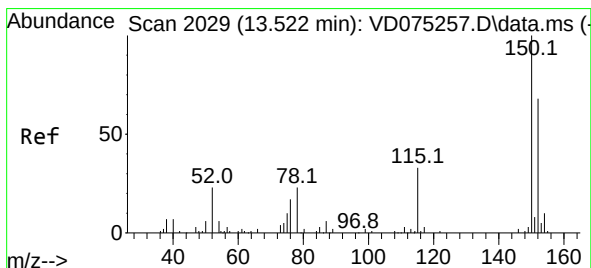
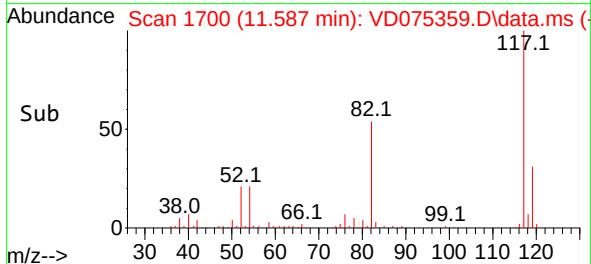
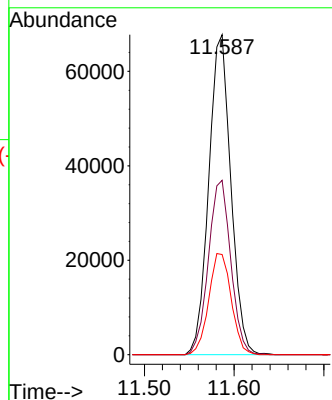
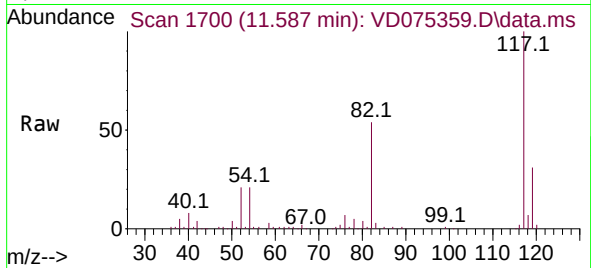




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075359.D
Acq: 17 Feb 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
CF-1

Tgt Ion:117 Resp: 115799
Ion Ratio Lower Upper
117 100
82 54.5 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: VD075359.D
Acq: 17 Feb 2023 16:49

Tgt Ion:152 Resp: 56377
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.4
150 156.1 0.0 348.6

