

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075204.D
 Acq On : 25 Jan 2023 17:26
 Operator : KP/SY
 Sample : 01310-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Quant Time: Jan 26 03:50:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	78341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	150928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	146186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44724	55.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.900%
35) Dibromofluoromethane	7.805	113	46134	50.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.269	98	190386	53.019	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.040%
62) 4-Bromofluorobenzene	12.575	95	60607	53.180	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.360%

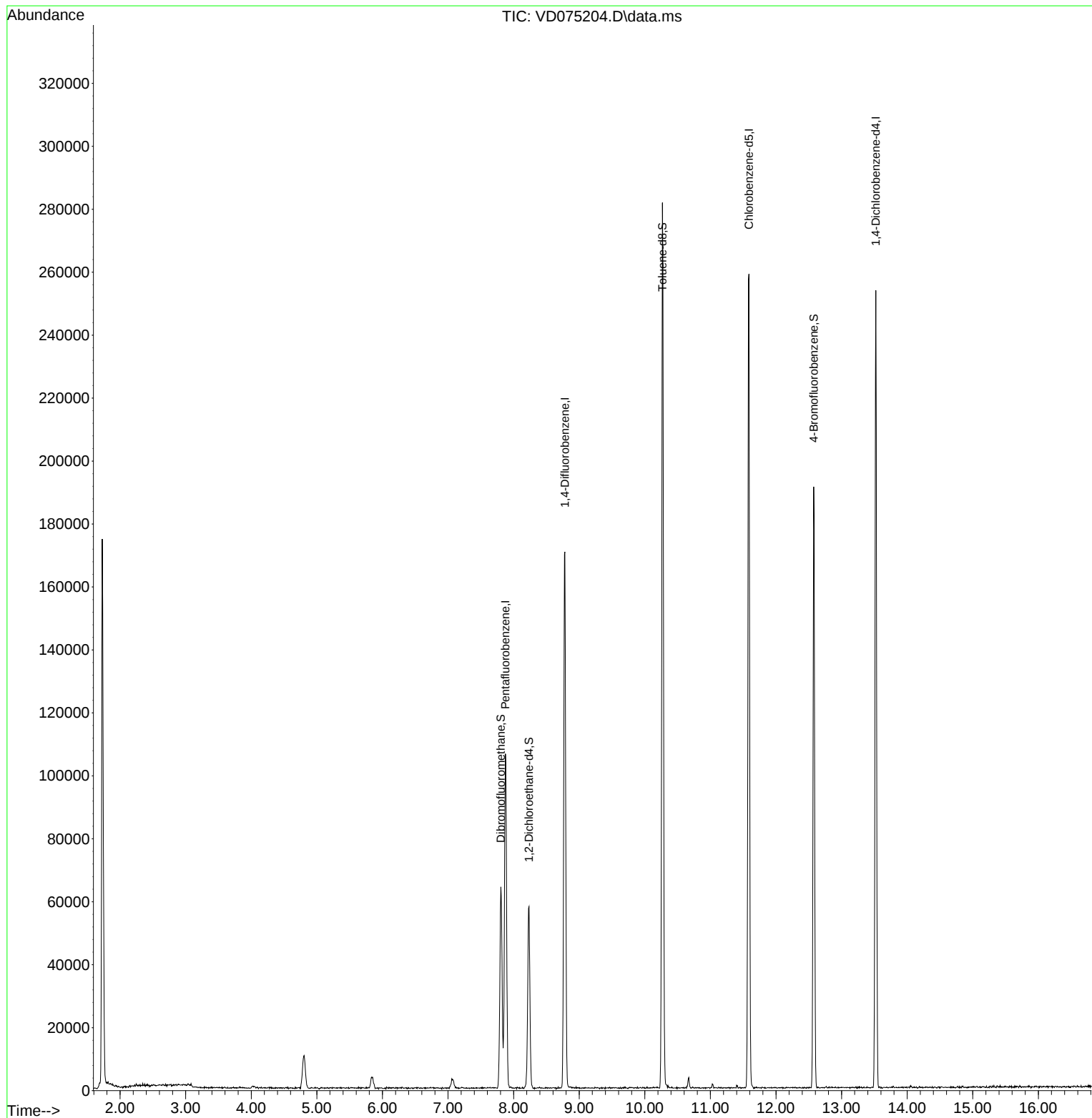
Target Compounds	Qvalue

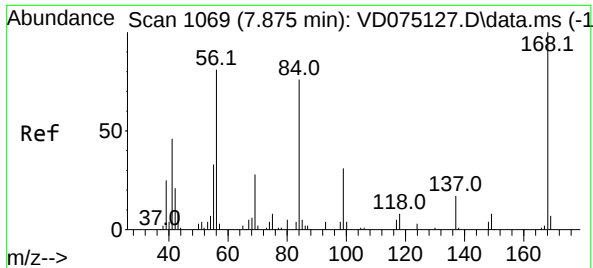
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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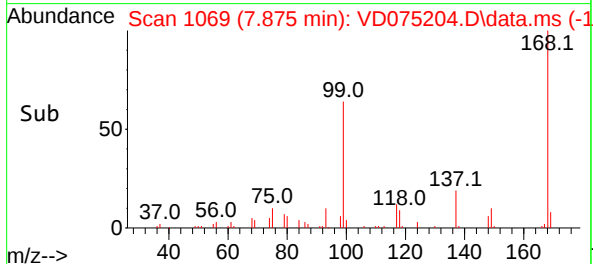
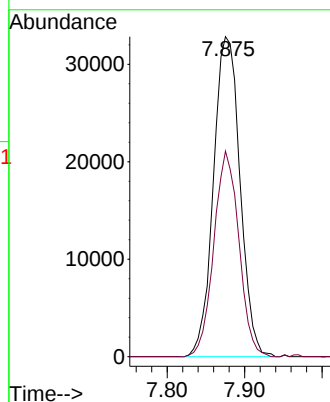
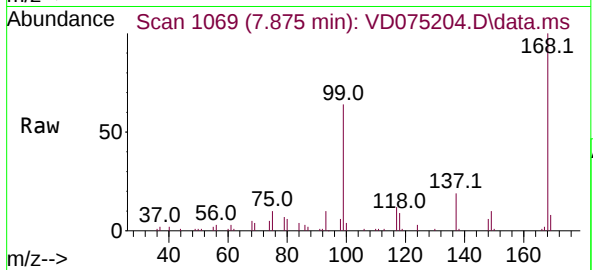




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

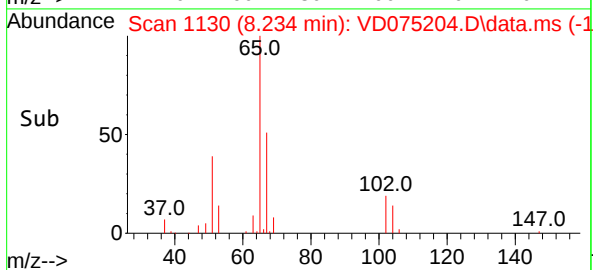
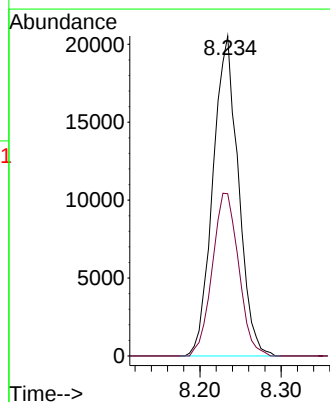
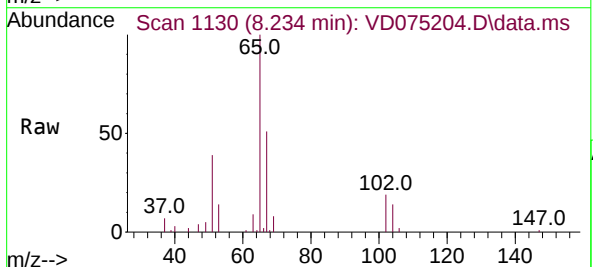
Instrument :
MSVOA_D
ClientSampleId :
S-1

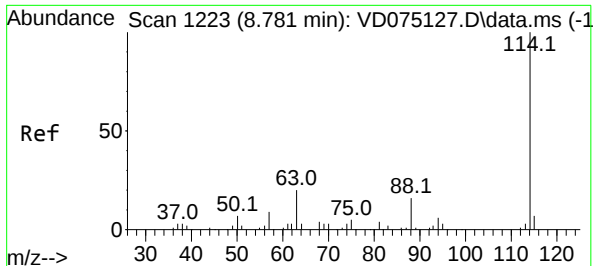
Tgt Ion:168 Resp: 78341
Ion Ratio Lower Upper
168 100
99 64.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 55.946 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

Tgt Ion: 65 Resp: 44724
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2

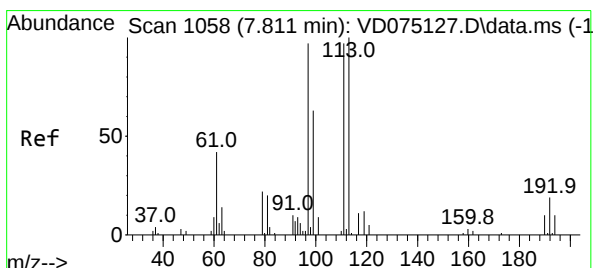
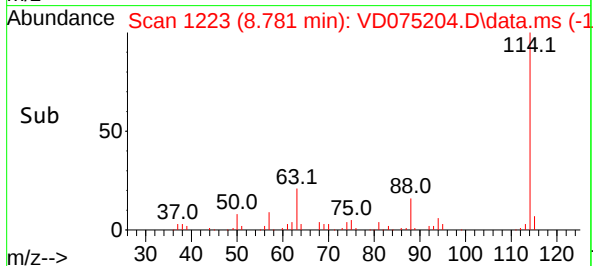
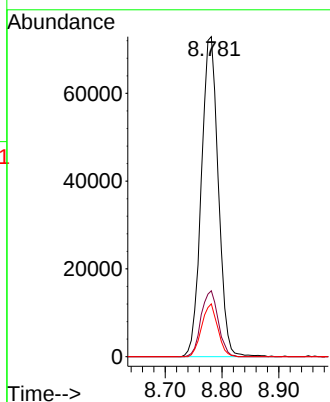
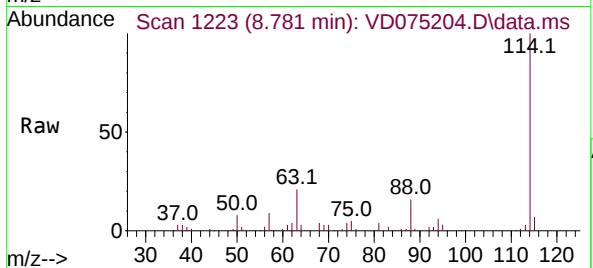




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

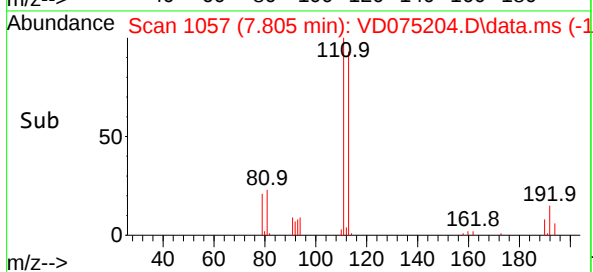
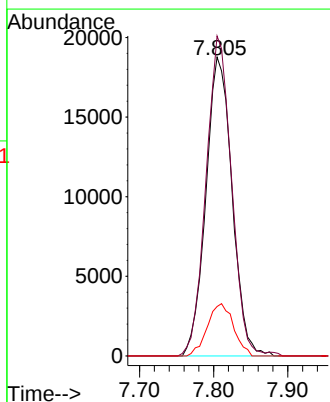
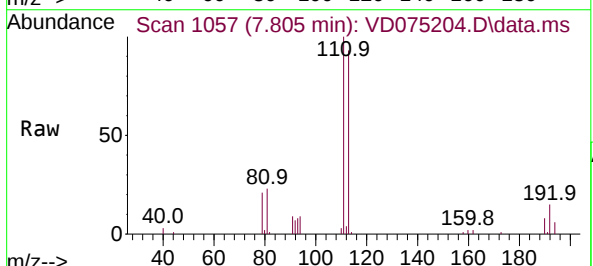
Instrument :
MSVOA_D
ClientSampleId :
S-1

Tgt Ion:114 Resp: 150928
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.2
88 16.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 50.585 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

Tgt Ion:113 Resp: 46134
Ion Ratio Lower Upper
113 100
111 103.9 80.1 120.1
192 17.5 15.4 23.0

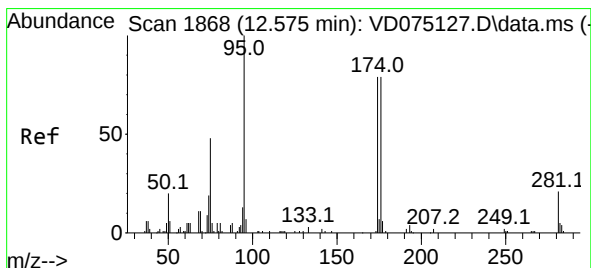
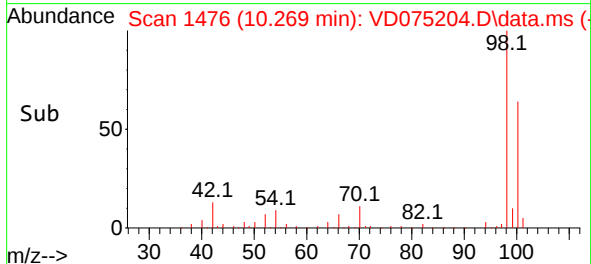
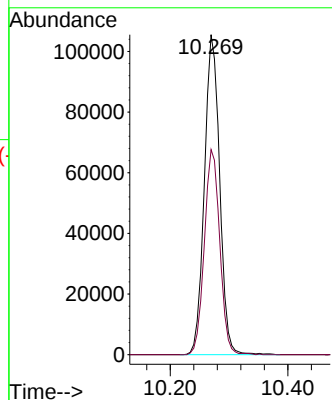
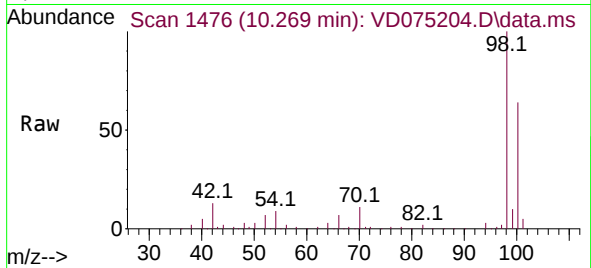




#50
Toluene-d8
Concen: 53.019 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

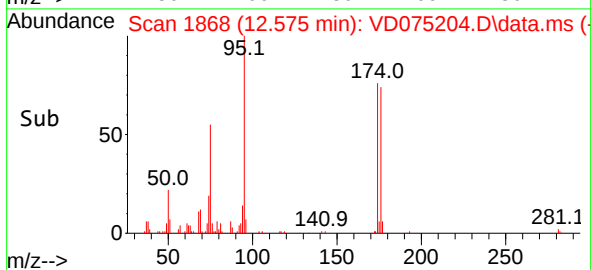
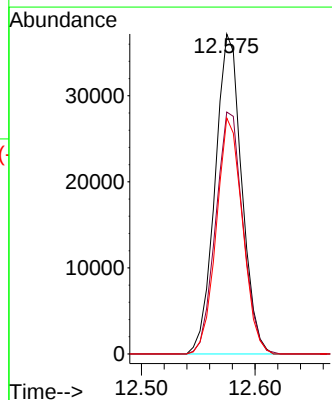
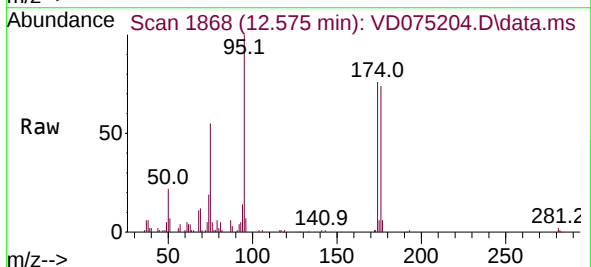
Instrument :
MSVOA_D
ClientSampleId :
S-1

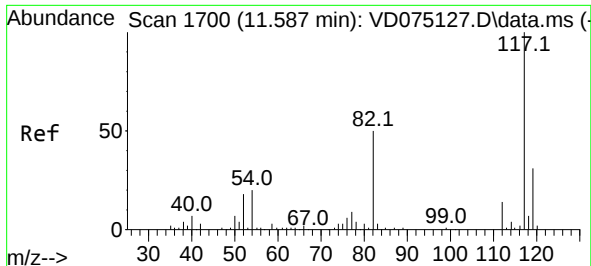
Tgt Ion: 98 Resp: 190386
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.180 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

Tgt Ion: 95 Resp: 60607
Ion Ratio Lower Upper
95 100
174 77.2 0.0 161.2
176 72.4 0.0 160.2

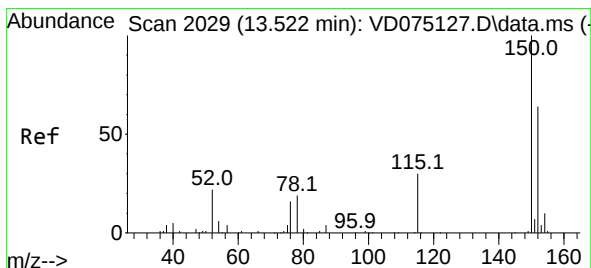
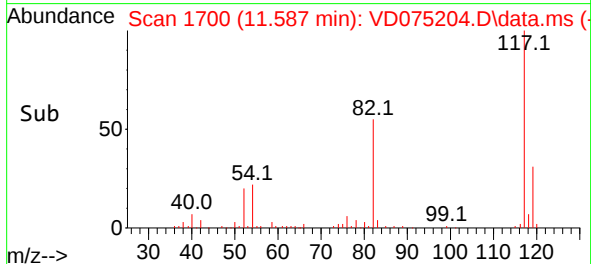
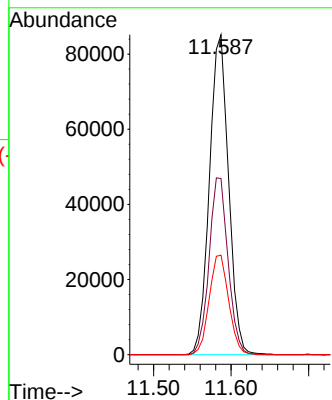
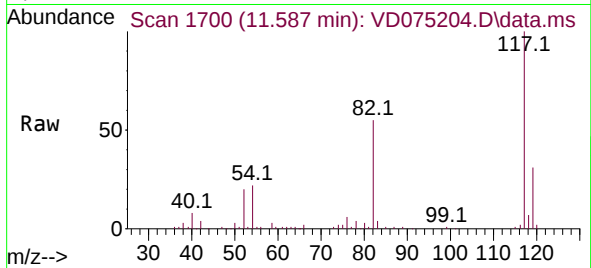




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

Instrument :
MSVOA_D
ClientSampleId :
S-1

Tgt Ion:117 Resp: 146186
Ion Ratio Lower Upper
117 100
82 55.1 39.6 59.4
119 31.1 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: VD075204.D
Acq: 25 Jan 2023 17:26

Tgt Ion:152 Resp: 63957
Ion Ratio Lower Upper
152 100
115 60.0 28.8 86.4
150 156.6 0.0 348.6

