

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077901.D
 Acq On : 15 Dec 2023 14:08
 Operator : RP/MD
 Sample : 05611-02RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-2RE

Quant Time: Dec 16 04:01:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	31955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	57667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	61332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	28434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	23243	61.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.460%
35) Dibromofluoromethane	7.816	113	21169	52.407	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.820%
50) Toluene-d8	10.269	98	76009	46.982	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.575	95	24122	49.871	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.740%

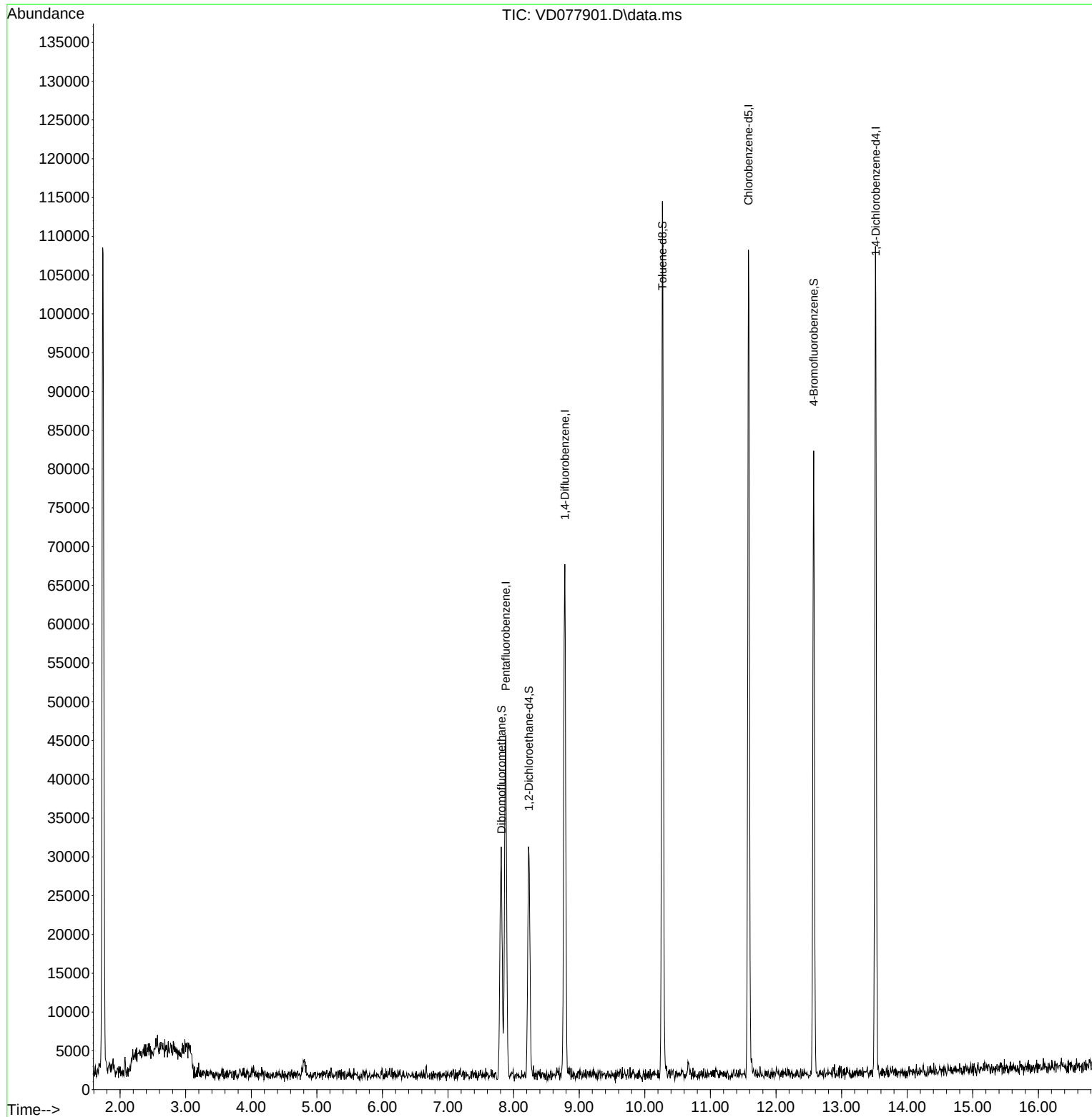
Target Compounds	Qvalue

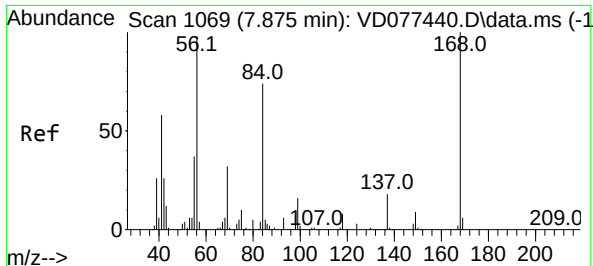
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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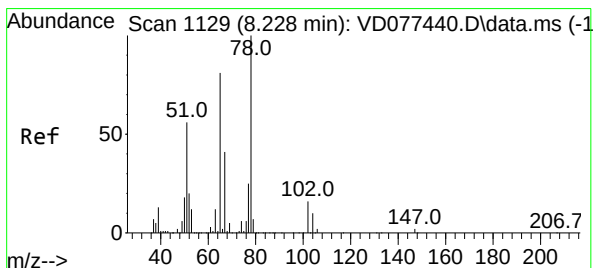
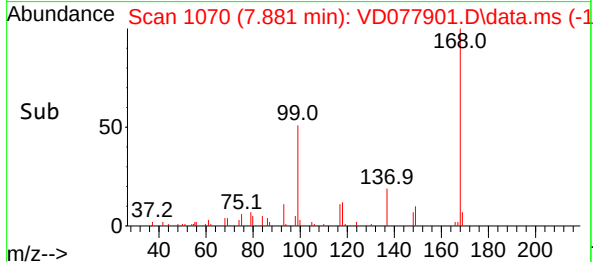
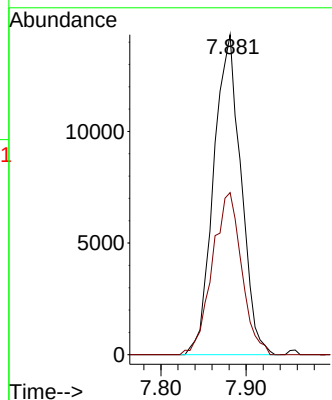
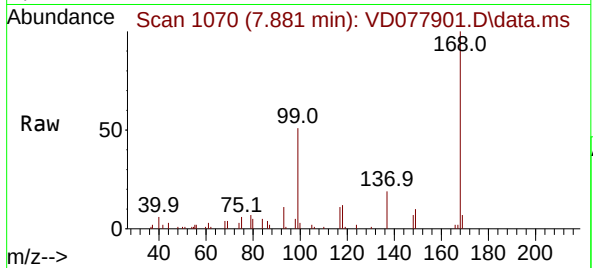




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077901.D
Acq: 15 Dec 2023 14:08

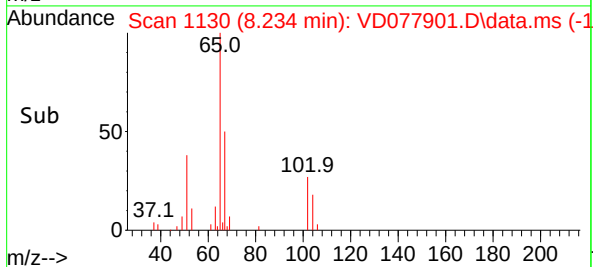
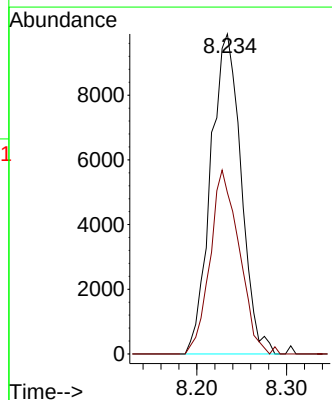
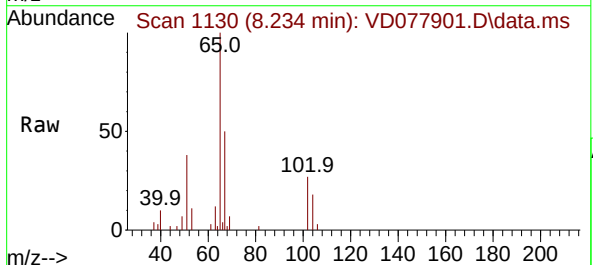
Instrument :
MSVOA_D
ClientSampleId :
PE-2RE

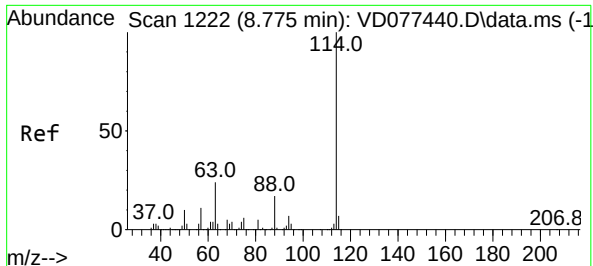
Tgt Ion:168 Resp: 31955
Ion Ratio Lower Upper
168 100
99 50.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 61.727 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077901.D
Acq: 15 Dec 2023 14:08

Tgt Ion: 65 Resp: 23243
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0

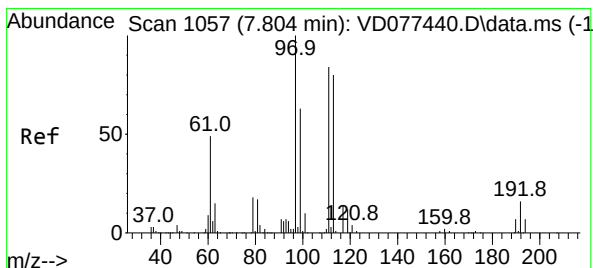
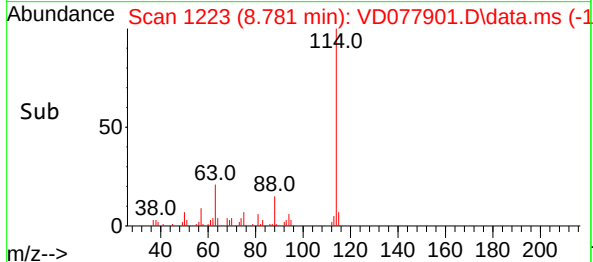
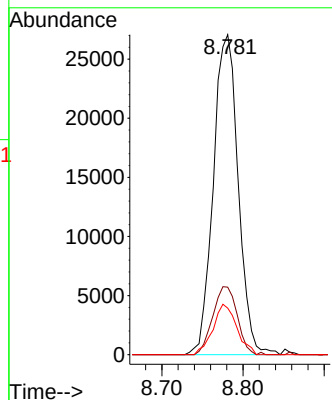
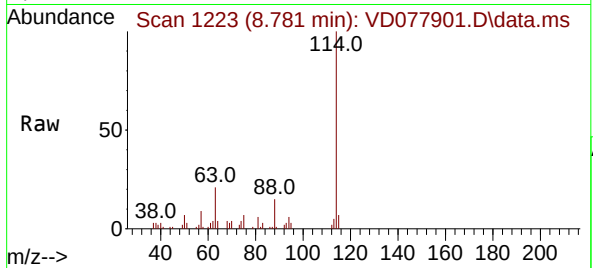




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077901.D
Acq: 15 Dec 2023 14:08

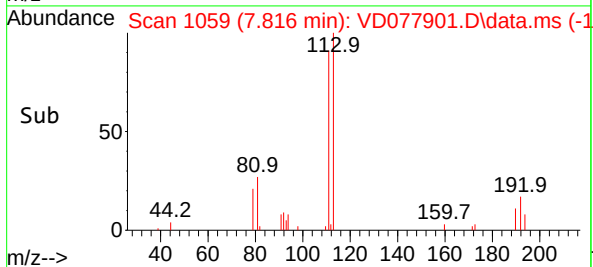
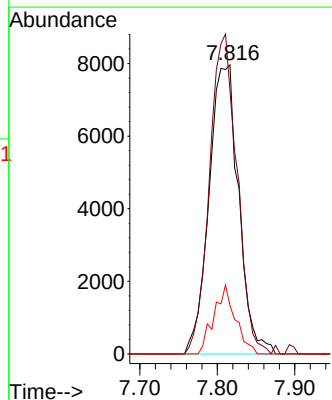
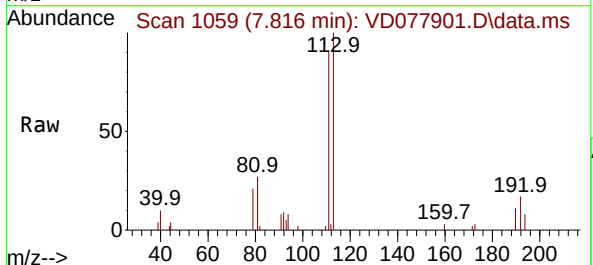
Instrument :
MSVOA_D
ClientSampleId :
PE-2RE

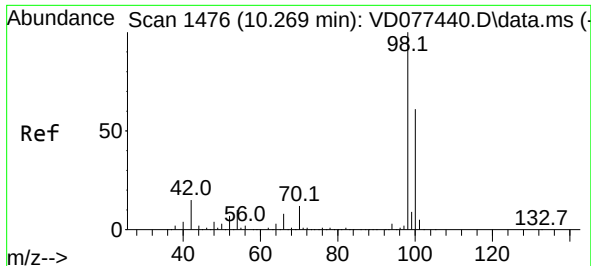
Tgt Ion:114 Resp: 57667
Ion Ratio Lower Upper
114 100
63 21.1 0.0 33.4
88 14.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.407 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VD077901.D
Acq: 15 Dec 2023 14:08

Tgt Ion:113 Resp: 21169
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 17.4 16.8 25.2

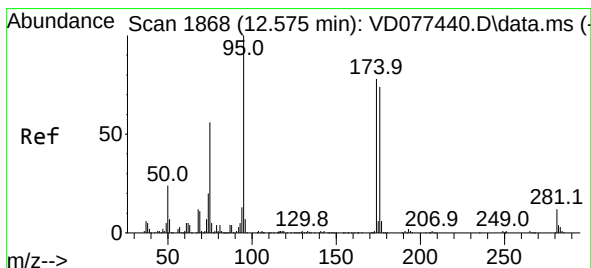
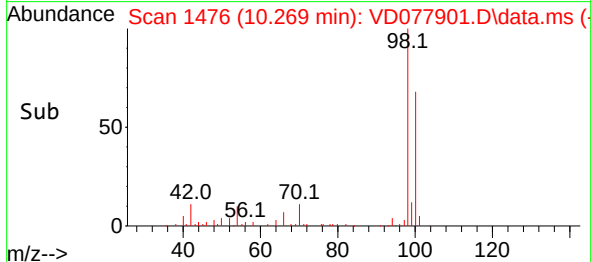
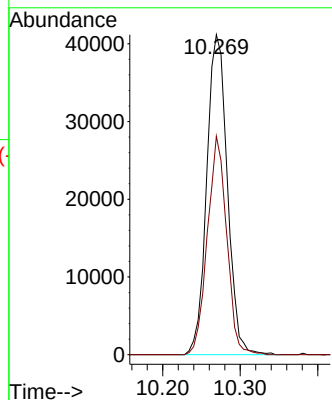
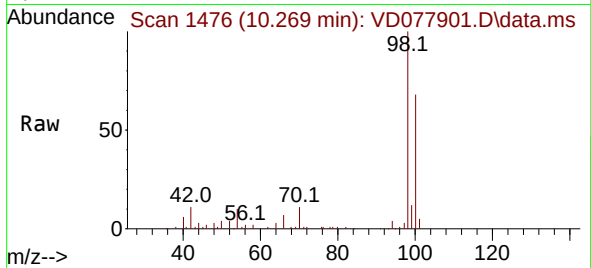




#50
Toluene-d8
Concen: 46.982 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077901.D
Acq: 15 Dec 2023 14:08

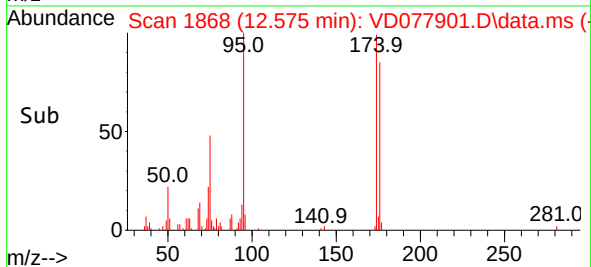
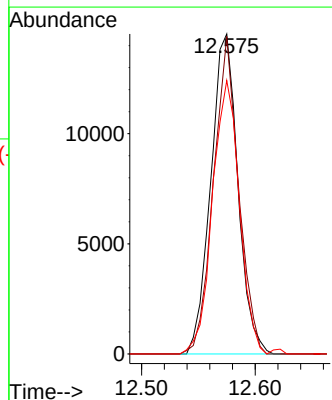
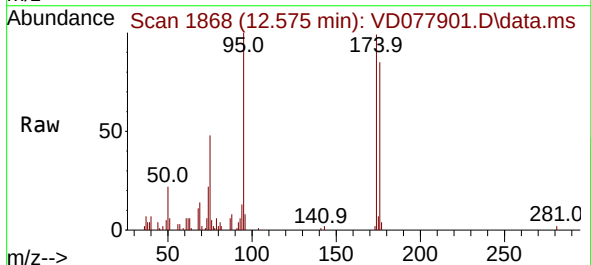
Instrument :
MSVOA_D
ClientSampleId :
PE-2RE

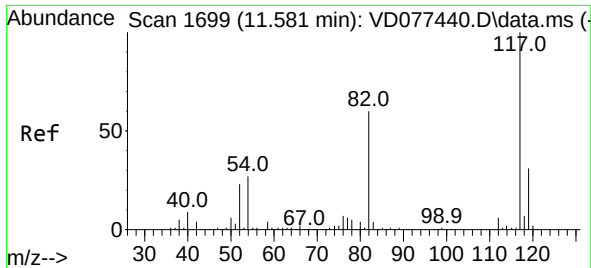
Tgt Ion: 98 Resp: 76009
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.871 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077901.D
Acq: 15 Dec 2023 14:08

Tgt Ion: 95 Resp: 24122
Ion Ratio Lower Upper
95 100
174 91.6 0.0 201.8
176 84.8 0.0 191.8

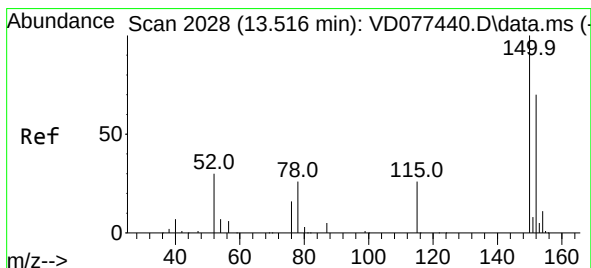
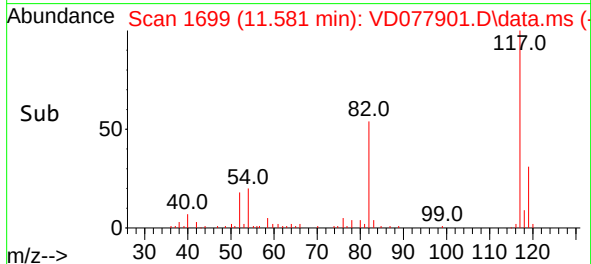
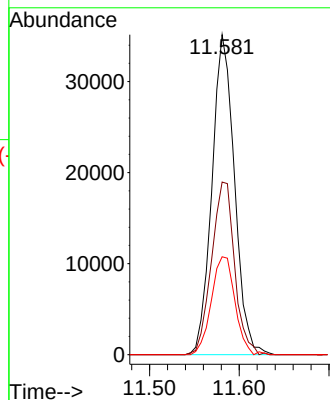
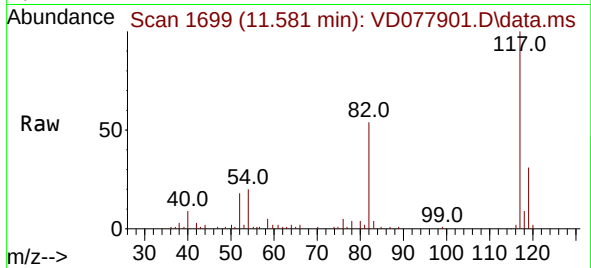




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077901.D
Acq: 15 Dec 2023 14:08

Instrument :
MSVOA_D
ClientSampleId :
PE-2RE

Tgt Ion:117 Resp: 61332
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077901.D
Acq: 15 Dec 2023 14:08

Tgt Ion:152 Resp: 28434
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 161.9 0.0 353.6

