

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074667.D
 Acq On : 28 Oct 2022 13:12
 Operator : VA/SY
 Sample : N5282-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUMP-STONE

Quant Time: Oct 28 14:19:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	84870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	155135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	118267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	43494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52369	73.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.220%
35) Dibromofluoromethane	7.804	113	60132	63.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.960%
50) Toluene-d8	10.269	98	196692	53.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.569	95	46054	46.031	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.060%

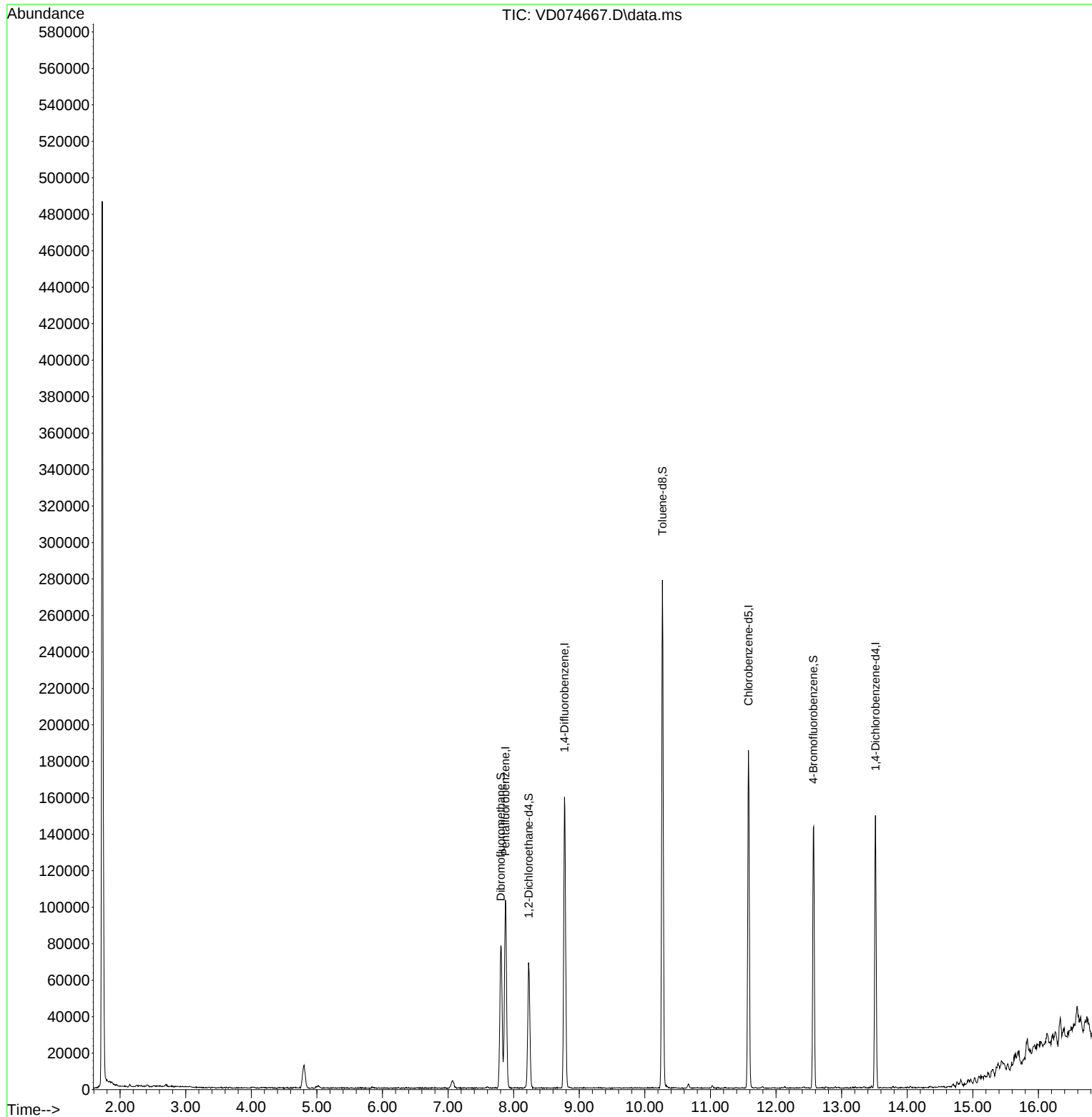
Target Compounds	Qvalue

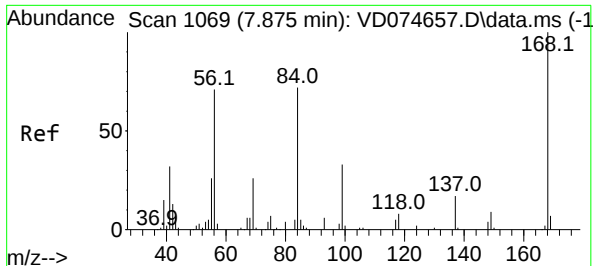
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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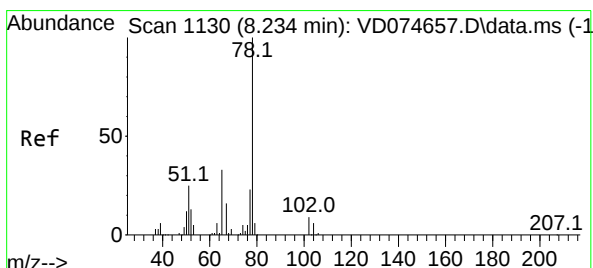
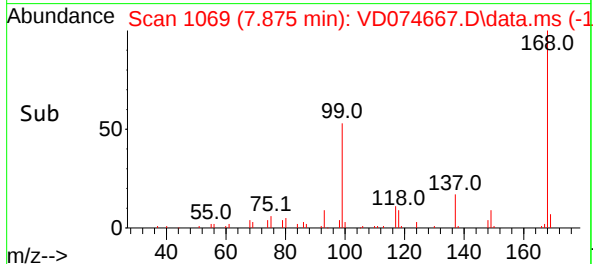
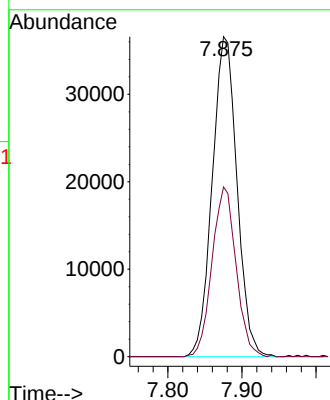
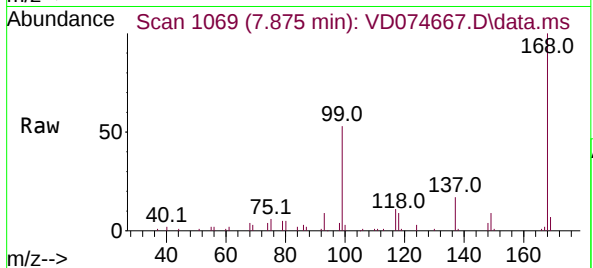




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074667.D
Acq: 28 Oct 2022 13:12

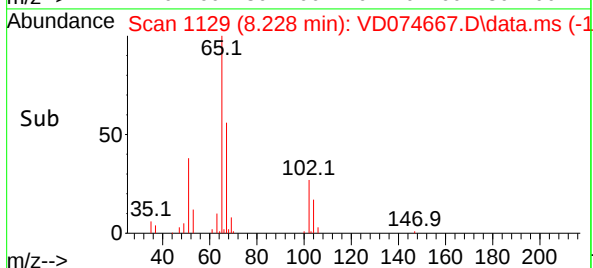
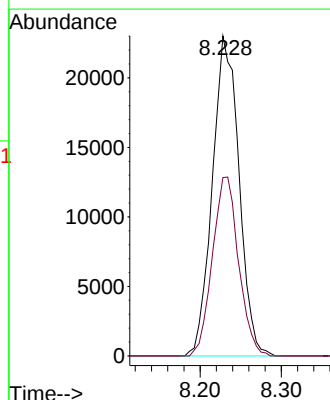
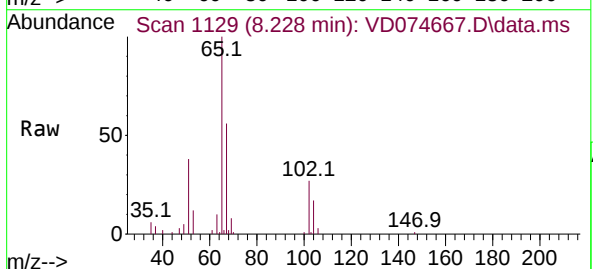
Instrument :
MSVOA_D
ClientSampleId :
SUMP-STONE

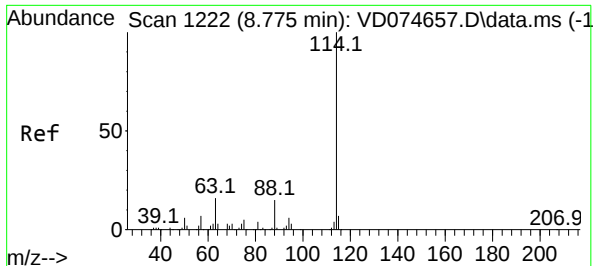
Tgt Ion:168 Resp: 84870
Ion Ratio Lower Upper
168 100
99 53.0 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 73.108 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074667.D
Acq: 28 Oct 2022 13:12

Tgt Ion: 65 Resp: 52369
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2

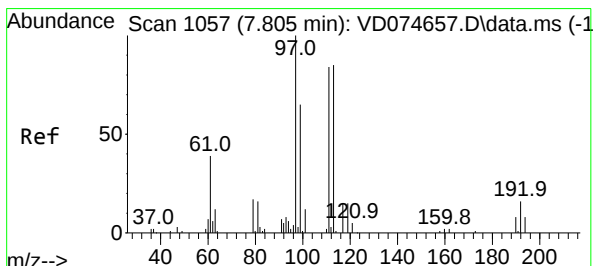
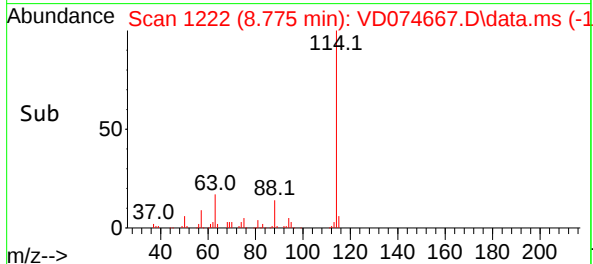
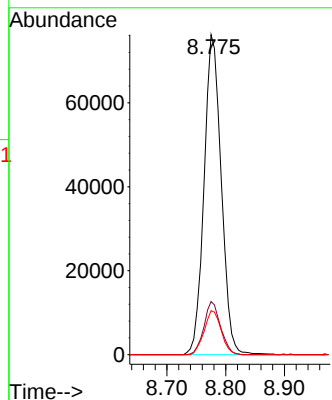
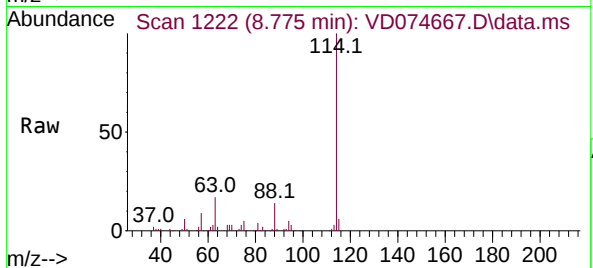




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074667.D
Acq: 28 Oct 2022 13:12

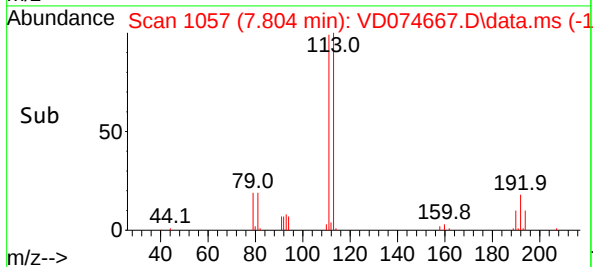
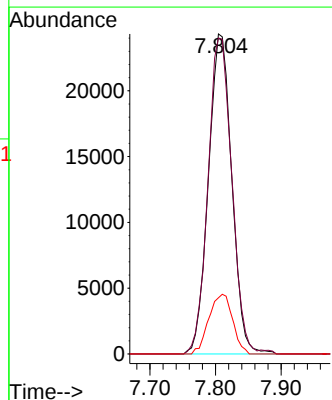
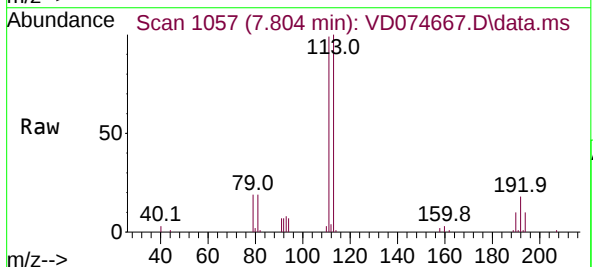
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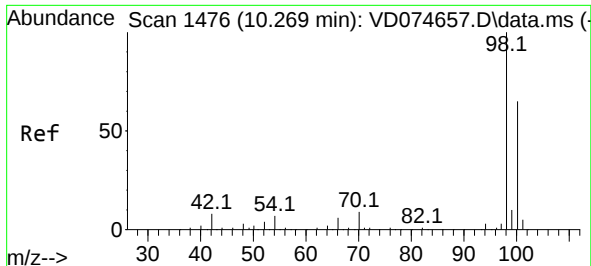
Tgt Ion:114 Resp: 155135
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.2
88 13.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 63.478 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074667.D
Acq: 28 Oct 2022 13:12

Tgt Ion:113 Resp: 60132
Ion Ratio Lower Upper
113 100
111 101.1 82.3 123.5
192 19.0 16.4 24.6

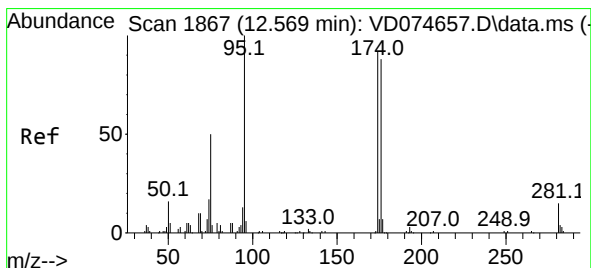
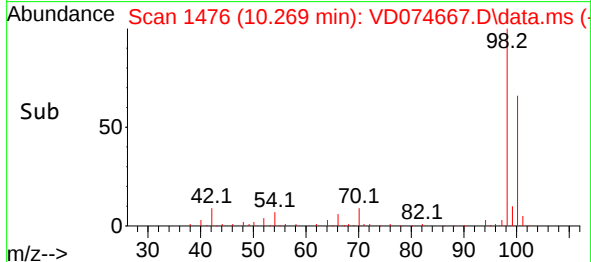
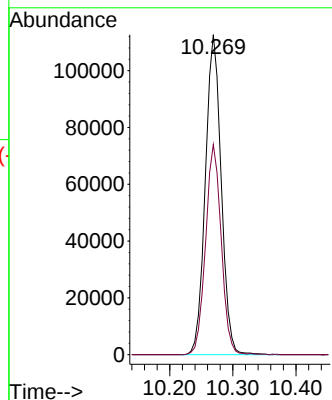
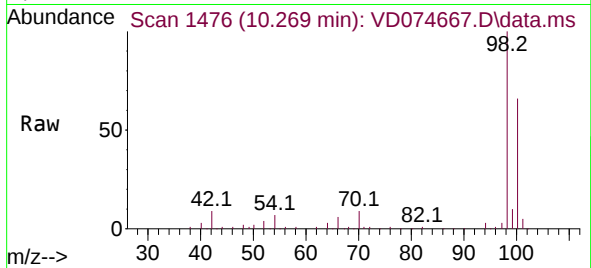




#50
Toluene-d8
Concen: 53.992 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074667.D
Acq: 28 Oct 2022 13:12

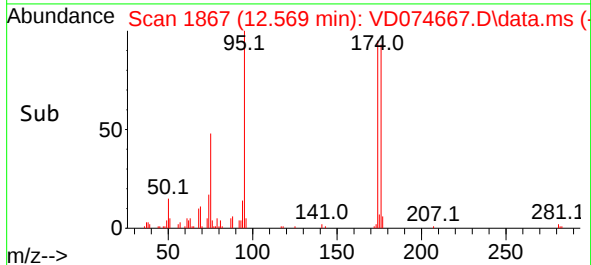
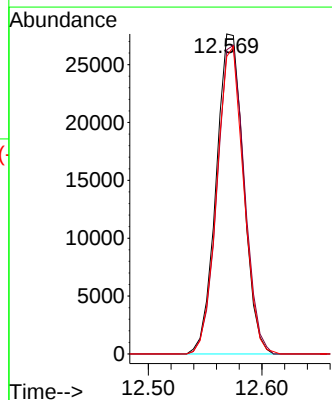
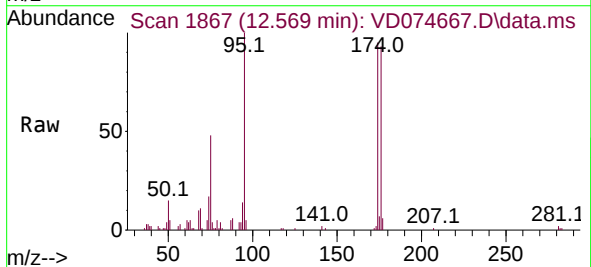
Instrument :
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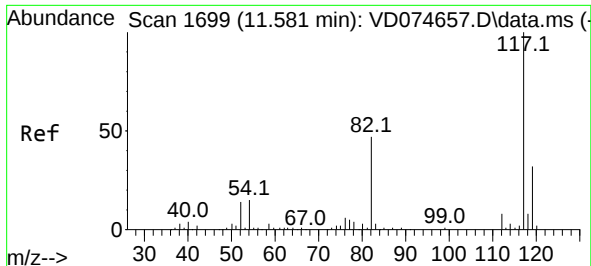
Tgt Ion: 98 Resp: 196692
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.031 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074667.D
Acq: 28 Oct 2022 13:12

Tgt Ion: 95 Resp: 46054
Ion Ratio Lower Upper
95 100
174 96.5 0.0 197.0
176 94.2 0.0 182.6

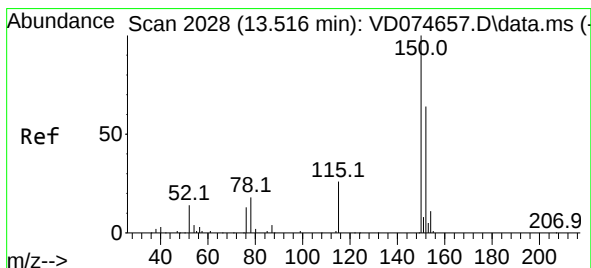
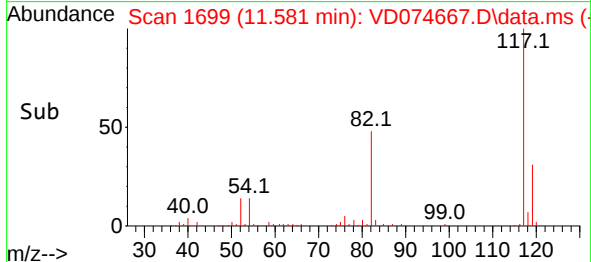
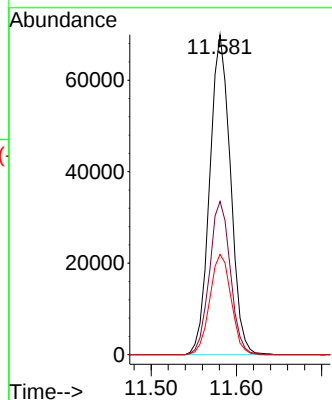
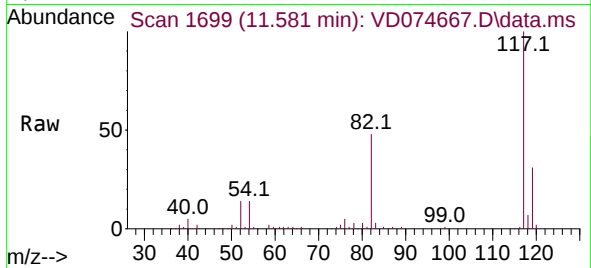




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074667.D
Acq: 28 Oct 2022 13:12

Instrument :
MSVOA_D
ClientSampleId :
SUMP-STONE

Tgt Ion:117 Resp: 118267
Ion Ratio Lower Upper
117 100
82 47.9 41.6 62.4
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074667.D
Acq: 28 Oct 2022 13:12

Tgt Ion:152 Resp: 43494
Ion Ratio Lower Upper
152 100
115 53.3 26.8 80.4
150 152.8 0.0 348.2

