

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077925.D
 Acq On : 16 Dec 2023 03:11
 Operator : RP/MD
 Sample : 05765-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-01-10-11

Quant Time: Dec 16 05:13:45 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	161122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	294678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	272200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79730	41.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.980%
35) Dibromofluoromethane	7.810	113	87735	42.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.000%
50) Toluene-d8	10.269	98	379127	45.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.575	95	99428	40.227	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.460%

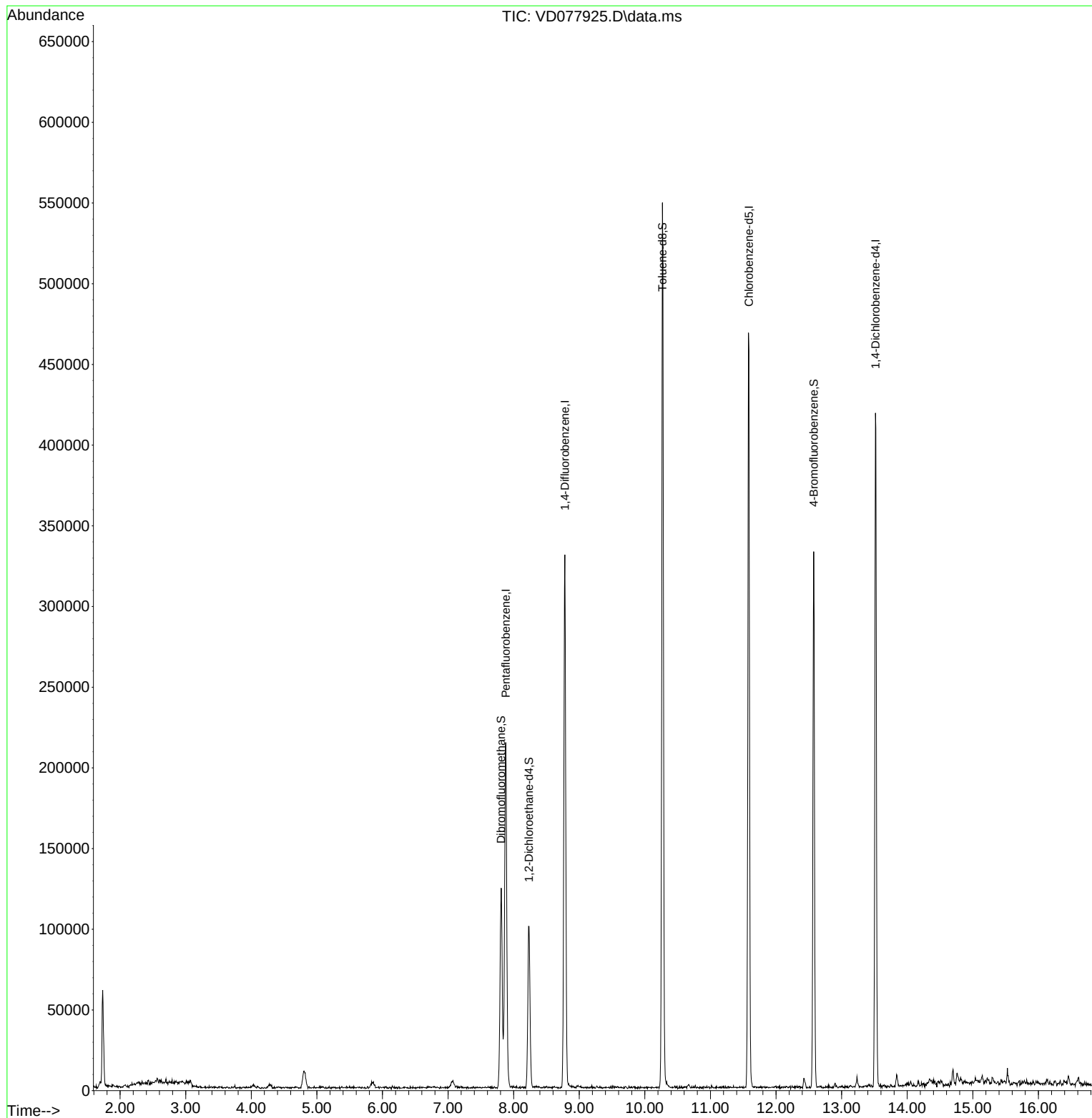
Target Compounds	Qvalue

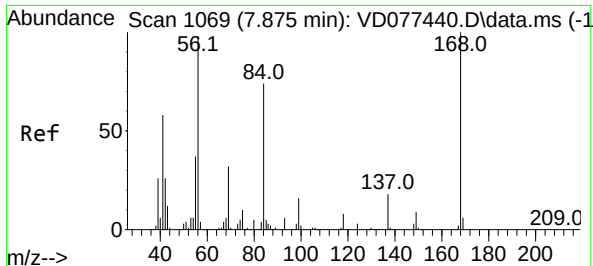
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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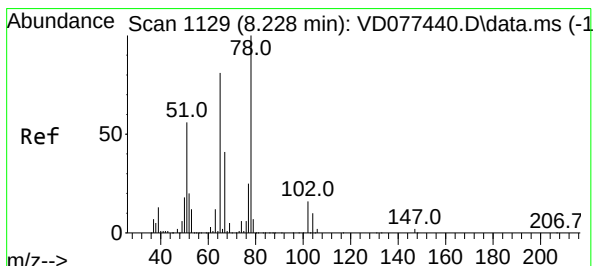
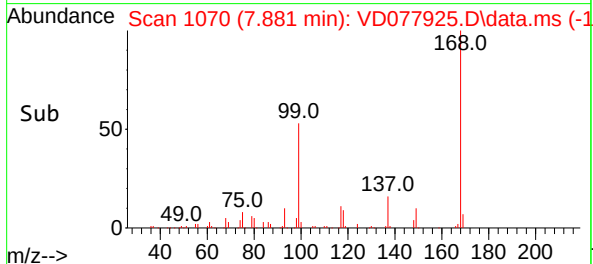
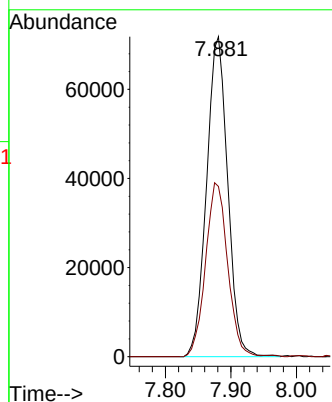
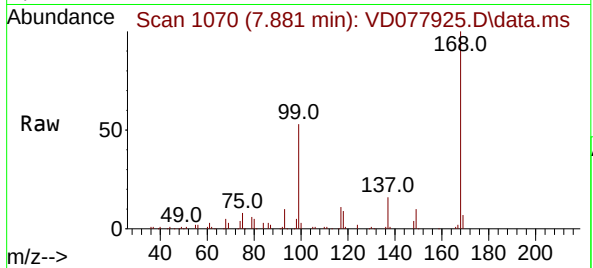




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077925.D
Acq: 16 Dec 2023 03:11

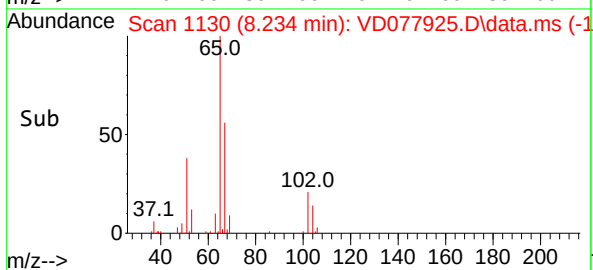
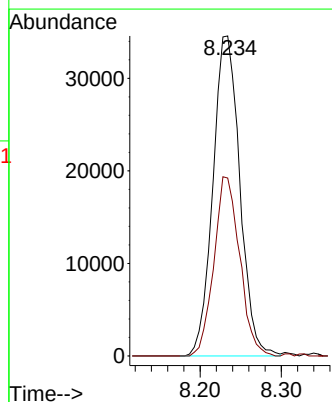
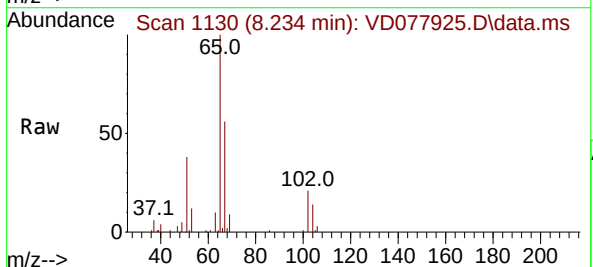
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-01-10-11

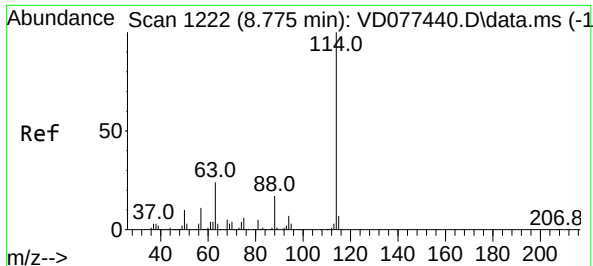
Tgt Ion:168 Resp: 161122
Ion Ratio Lower Upper
168 100
99 53.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 41.994 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077925.D
Acq: 16 Dec 2023 03:11

Tgt Ion: 65 Resp: 79730
Ion Ratio Lower Upper
65 100
67 53.6 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: VD077925.D

Acq: 16 Dec 2023 03:11

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-01-10-11

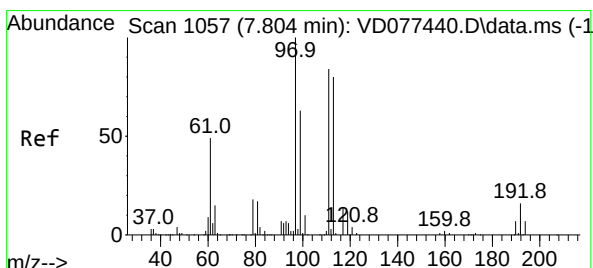
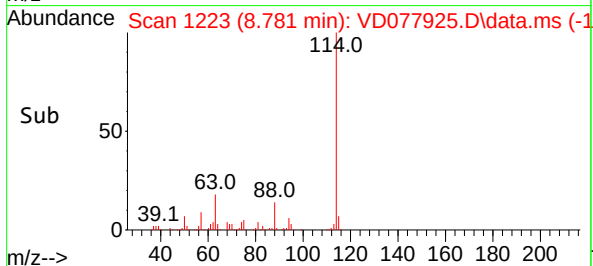
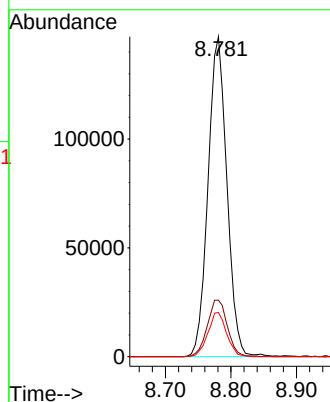
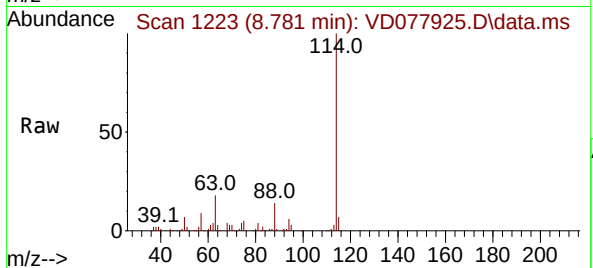
Tgt Ion:114 Resp: 294678

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.505 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077925.D

Acq: 16 Dec 2023 03:11

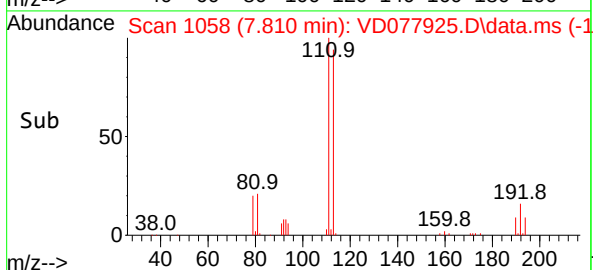
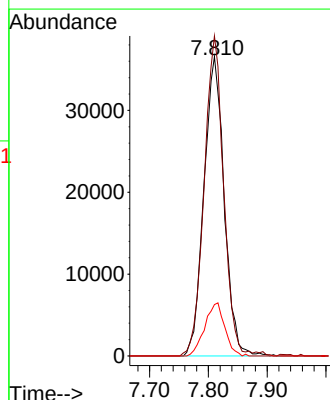
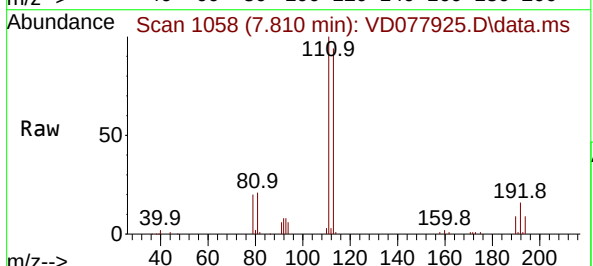
Tgt Ion:113 Resp: 87735

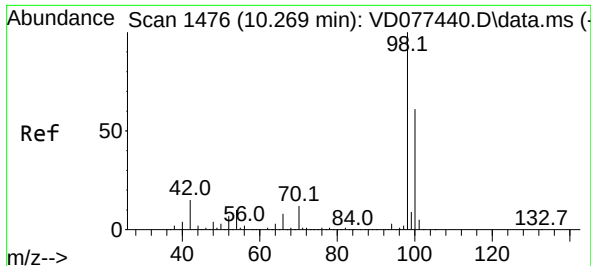
Ion Ratio Lower Upper

113 100

111 102.2 84.7 127.1

192 17.5 16.8 25.2

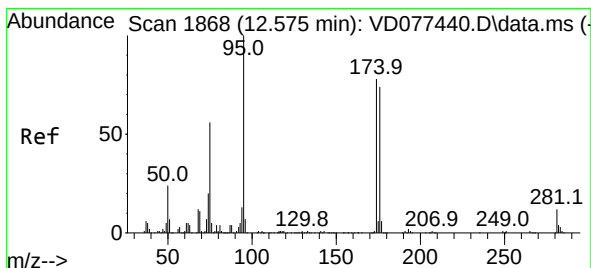
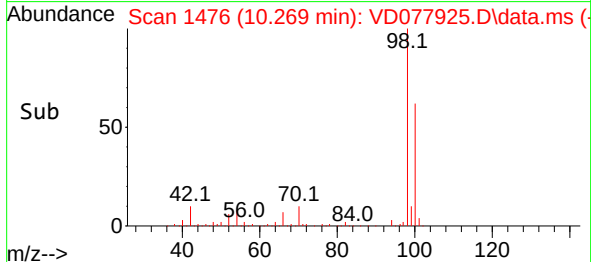
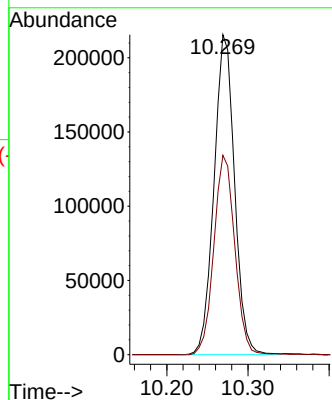
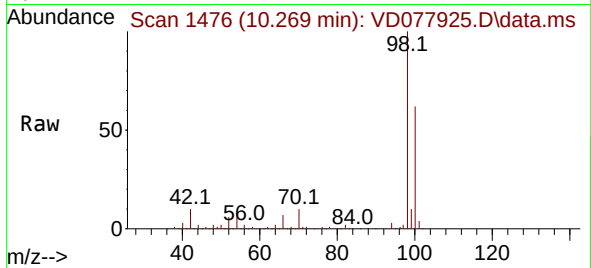




#50
Toluene-d8
Concen: 45.860 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077925.D
Acq: 16 Dec 2023 03:11

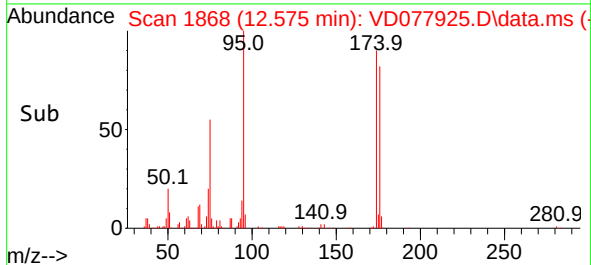
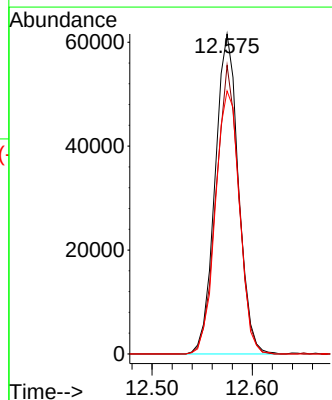
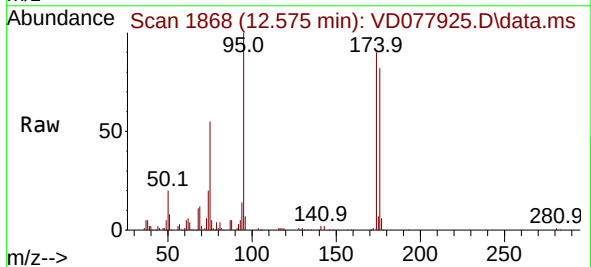
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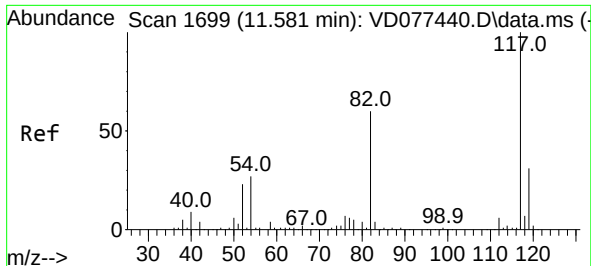
Tgt Ion: 98 Resp: 379127
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.227 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077925.D
Acq: 16 Dec 2023 03:11

Tgt Ion: 95 Resp: 99428
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 85.1 0.0 191.8

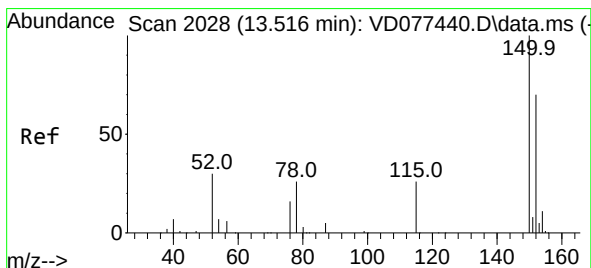
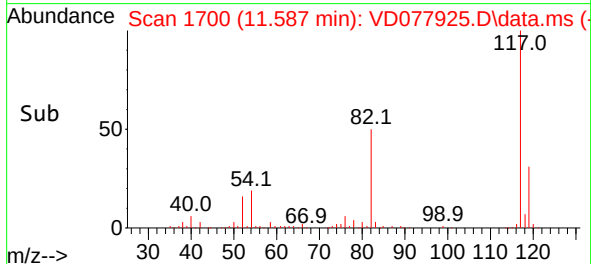
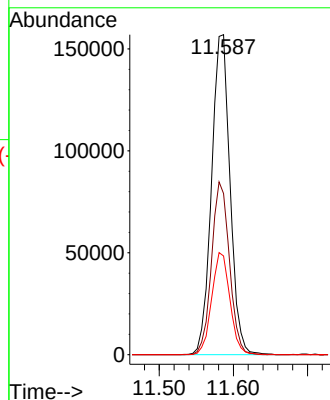
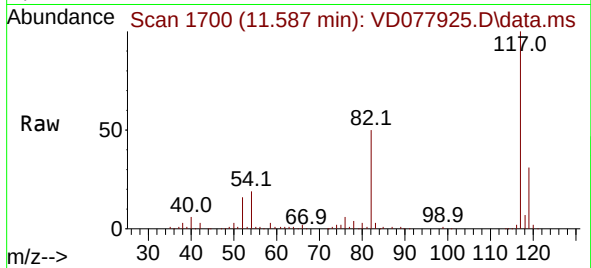




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077925.D
Acq: 16 Dec 2023 03:11

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-01-10-11

Tgt Ion:117 Resp: 272200
Ion Ratio Lower Upper
117 100
82 50.4 38.3 57.5
119 30.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077925.D
Acq: 16 Dec 2023 03:11

Tgt Ion:152 Resp: 112898
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 155.6 0.0 353.6

