

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077011.D
 Acq On : 14 Aug 2023 19:58
 Operator : JC/SY
 Sample : 03973-11
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-11.5-12.0

Quant Time: Aug 15 04:51:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	7259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	14120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	6673	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	4438	77.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.000%
35) Dibromofluoromethane	7.805	113	4943	65.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.240%
50) Toluene-d8	10.269	98	14767	60.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	121.140%
62) 4-Bromofluorobenzene	12.575	95	4661	54.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.360%

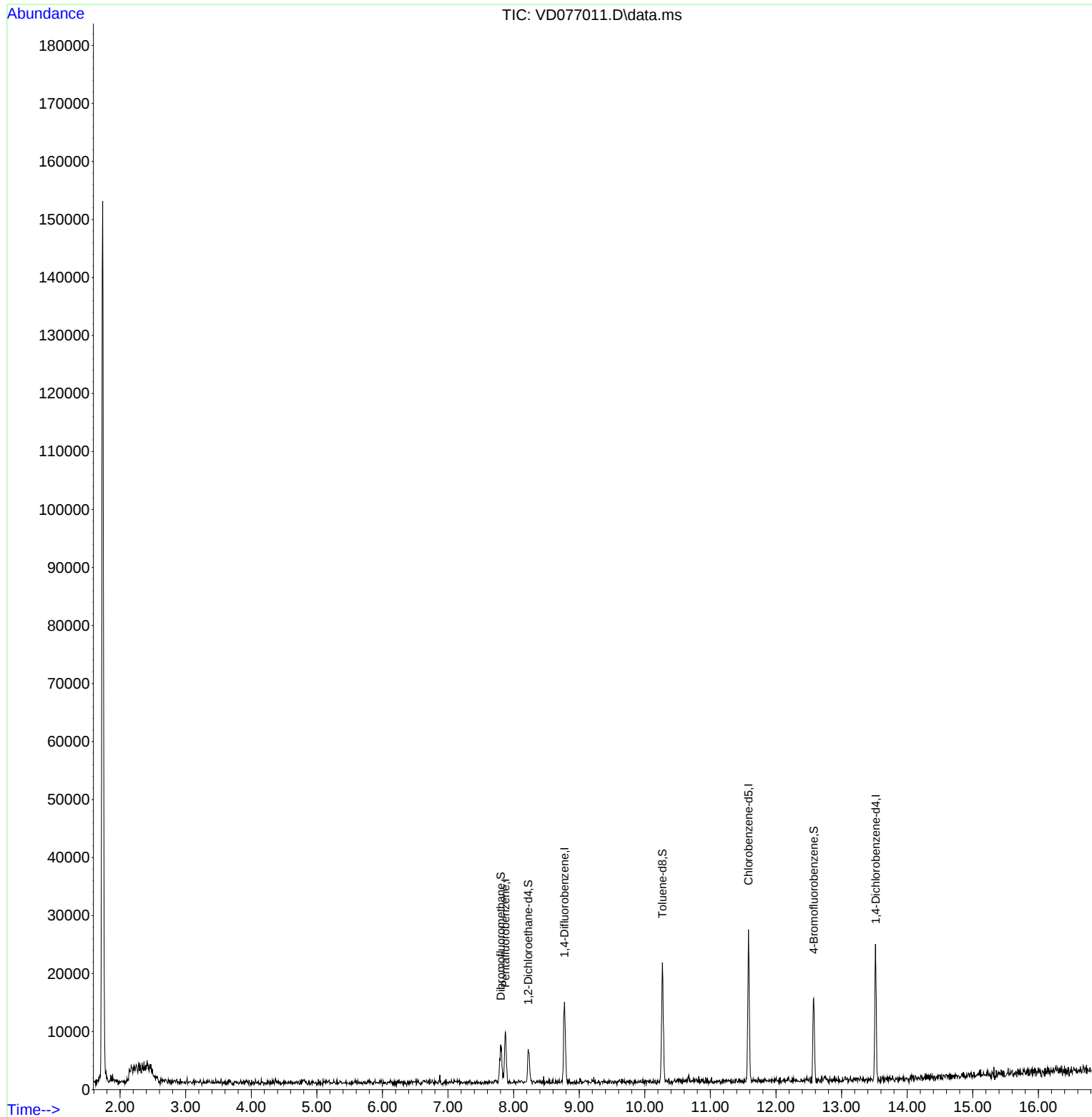
Target Compounds	Qvalue

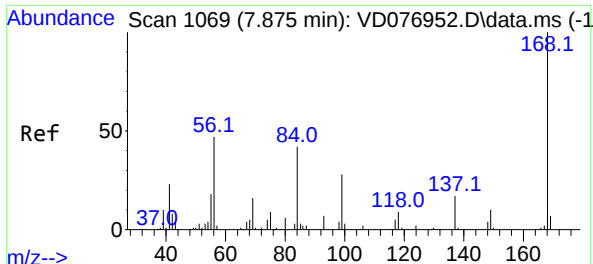
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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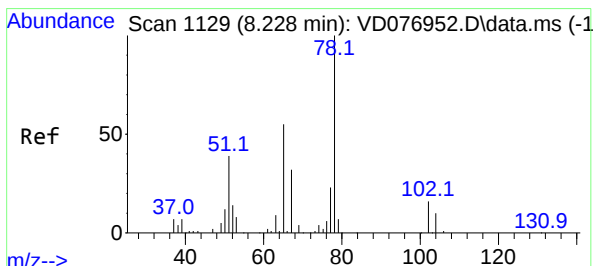
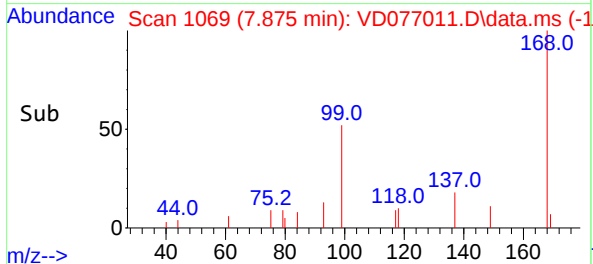
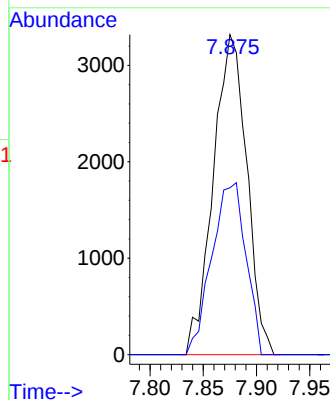
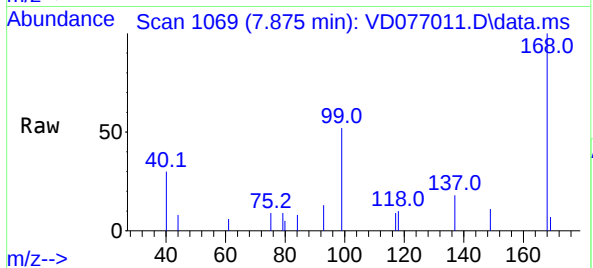




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

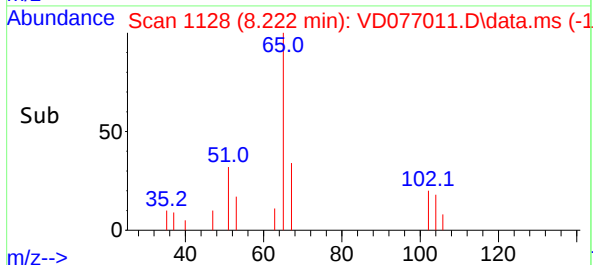
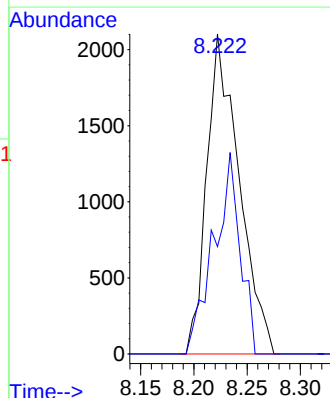
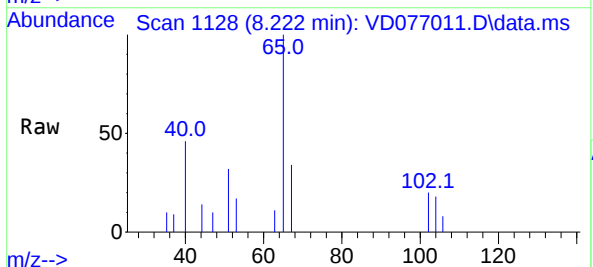
Instrument :
MSVOA_D
ClientSampleId :
SB-06-11.5-12.0

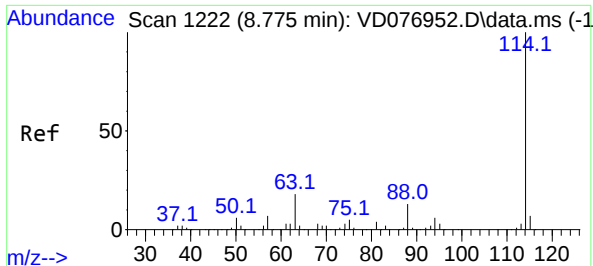
Tgt Ion:168 Resp: 7259
Ion Ratio Lower Upper
168 100
99 52.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 77.502 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion: 65 Resp: 4438
Ion Ratio Lower Upper
65 100
67 51.1 0.0 115.0

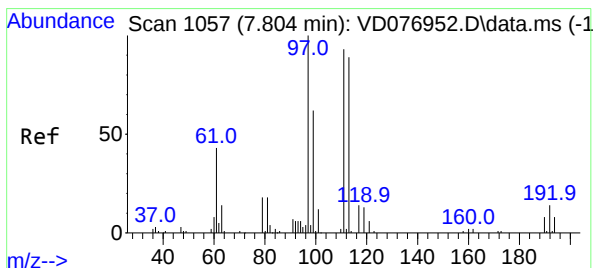
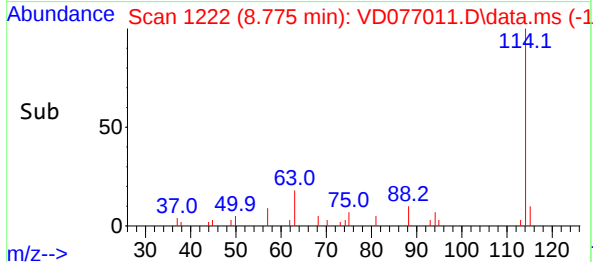
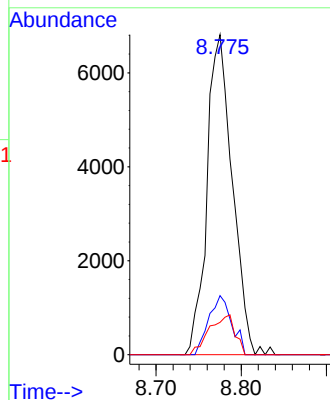
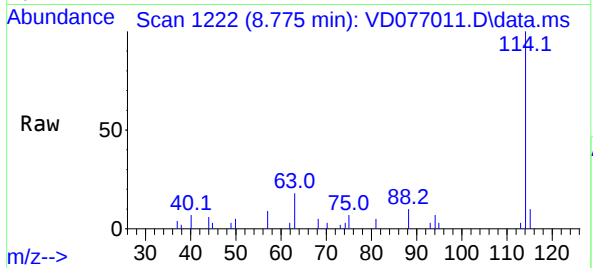




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

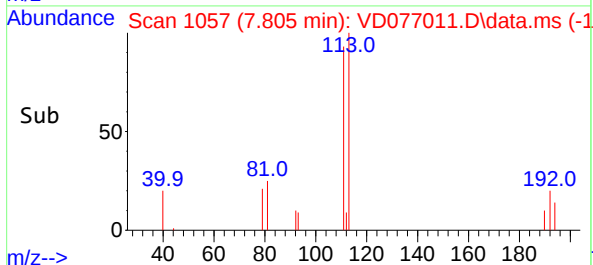
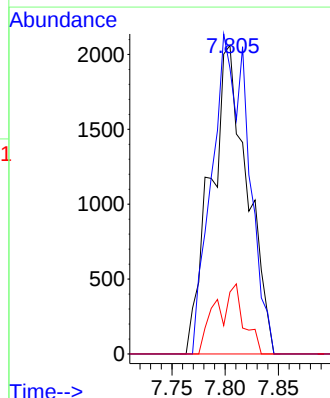
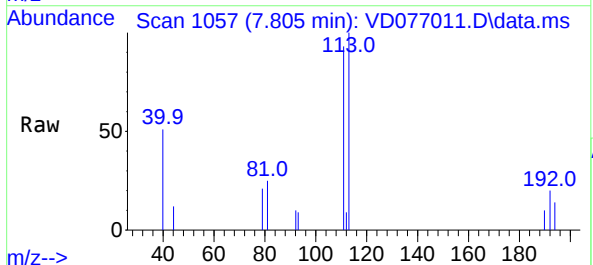
Instrument :
MSVOA_D
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SB-06-11.5-12.0

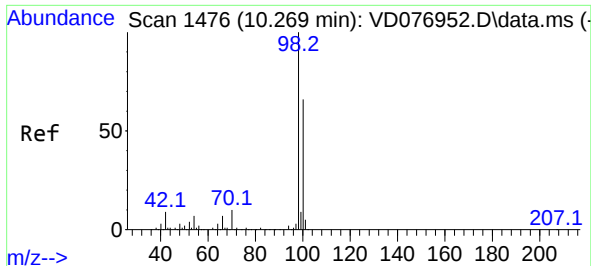
Tgt Ion:114	Resp:	14120
Ion Ratio	Lower	Upper
114	100	
63	18.5	0.0 33.4
88	10.1	0.0 26.2



#35
Dibromofluoromethane
Concen: 65.116 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion:113	Resp:	4943
Ion Ratio	Lower	Upper
113	100	
111	103.2	84.7 127.1
192	17.2	16.8 25.2

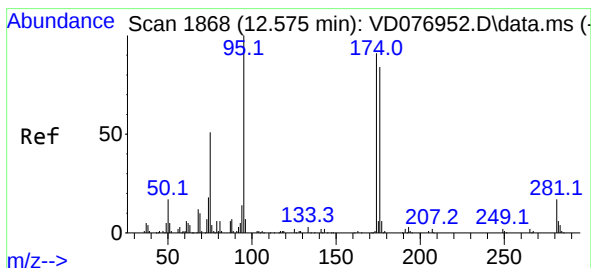
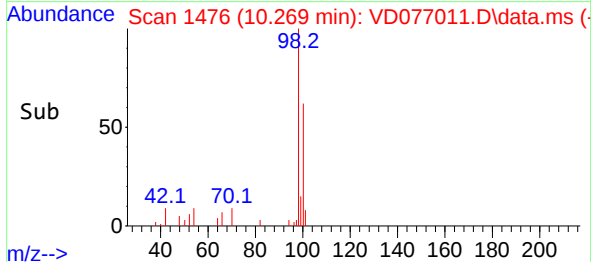
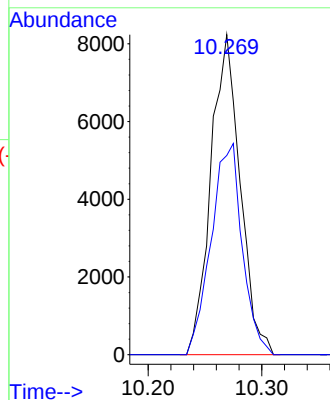
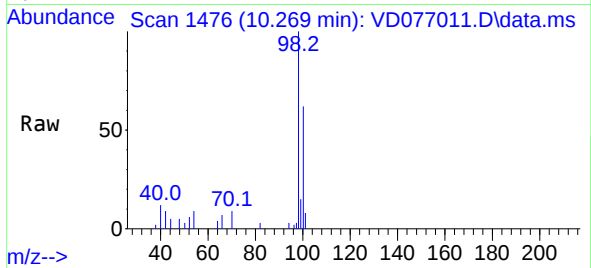




#50
Toluene-d8
Concen: 60.566 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

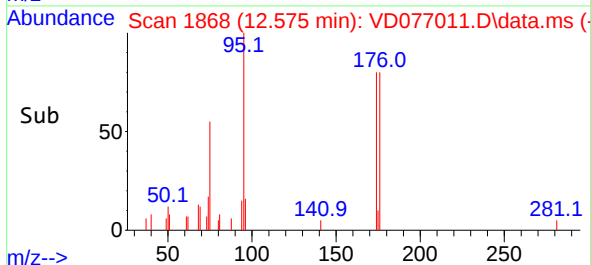
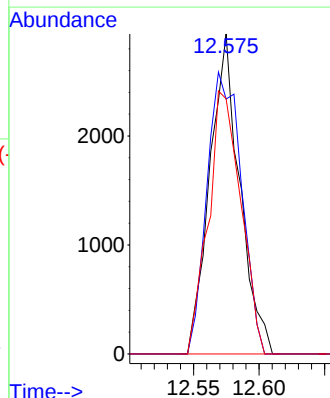
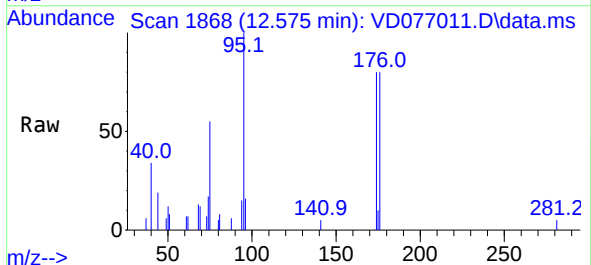
Instrument :
MSVOA_D
ClientSampleId :
SB-06-11.5-12.0

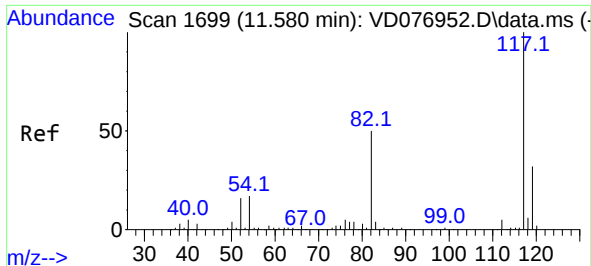
Tgt Ion: 98 Resp: 14767
Ion Ratio Lower Upper
98 100
100 70.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 54.684 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion: 95 Resp: 4661
Ion Ratio Lower Upper
95 100
174 101.3 0.0 201.8
176 89.4 0.0 191.8

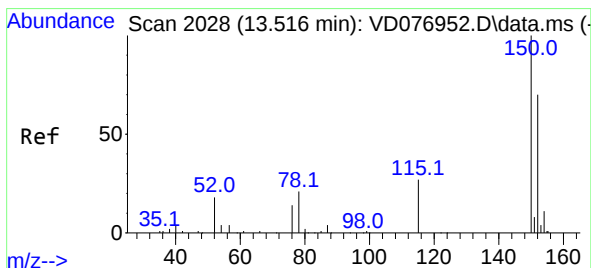
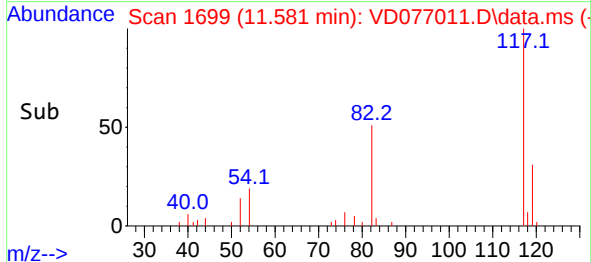
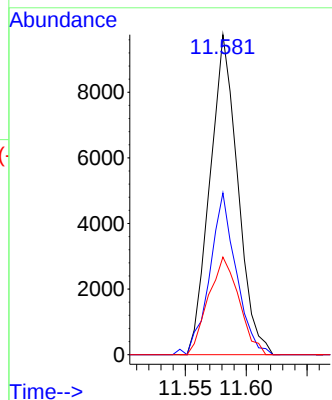
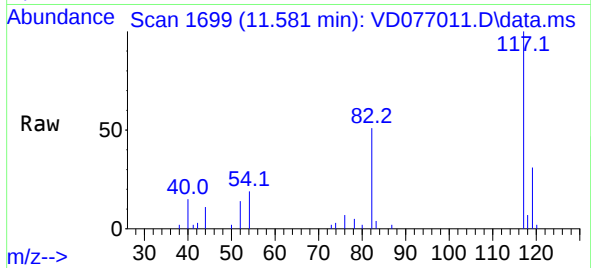




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077011.D
Acq: 14 Aug 2023 19:58

Instrument :
MSVOA_D
ClientSampleId :
SB-06-11.5-12.0

Tgt Ion:117 Resp: 15482
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 30.5 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: VD077011.D
Acq: 14 Aug 2023 19:58

Tgt Ion:152 Resp: 6673
Ion Ratio Lower Upper
152 100
115 49.9 27.1 81.3
150 158.5 0.0 353.6

