

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077991.D
 Acq On : 20 Dec 2023 13:14
 Operator : RP/MD
 Sample : 05827-04RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-07-23.5-24.5RE

Quant Time: Dec 21 05:23:16 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	23142	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	42947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	45199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	21512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	16949	62.154	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.300%	
35) Dibromofluoromethane	7.805	113	15667	52.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.160%	
50) Toluene-d8	10.269	98	54990	45.640	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.280%	
62) 4-Bromofluorobenzene	12.575	95	18465	51.260	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.520%	

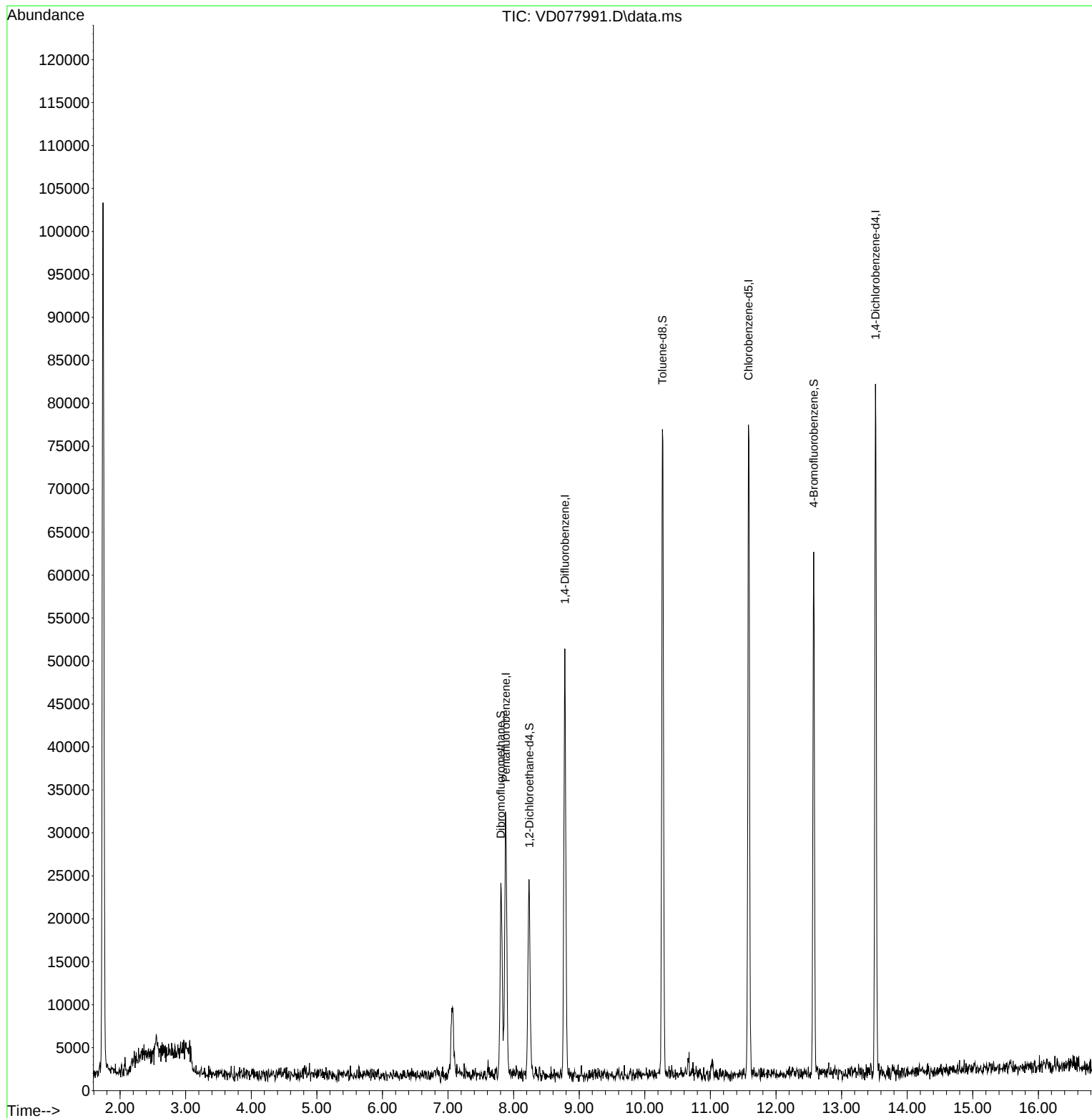
Target Compounds	Qvalue

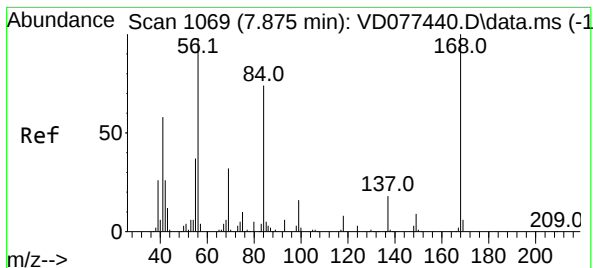
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
Data File : VD077991.D
Acq On : 20 Dec 2023 13:14
Operator : RP/MD
Sample : 05827-04RE
Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-07-23.5-24.5RE

Quant Time: Dec 21 05:23:16 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

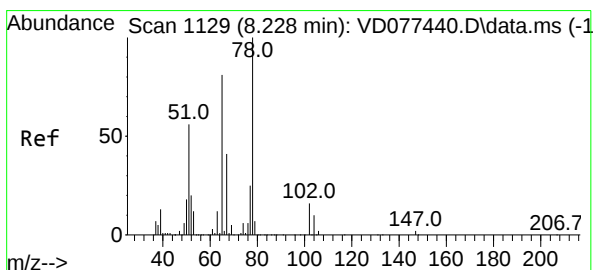
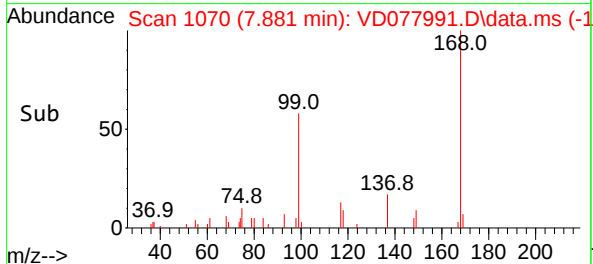
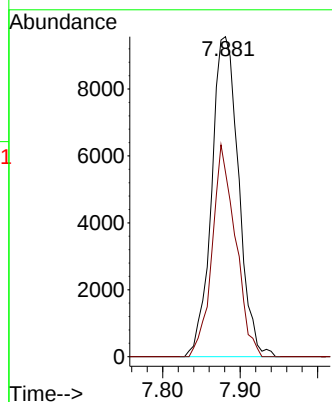
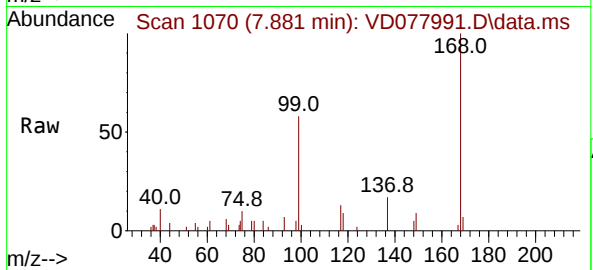




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077991.D
Acq: 20 Dec 2023 13:14

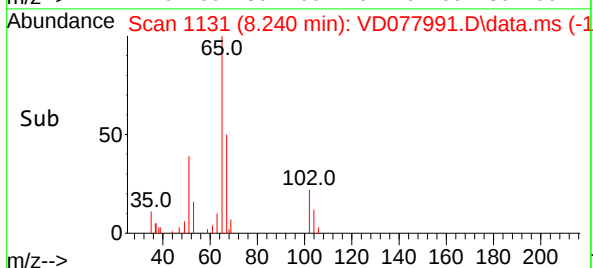
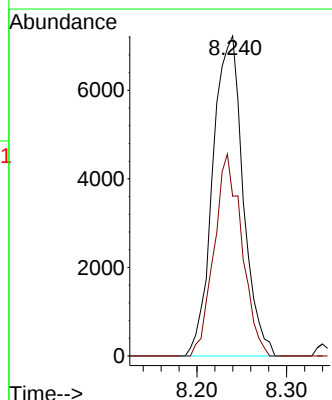
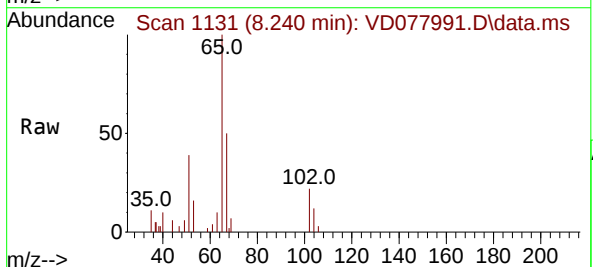
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-07-23.5-24.5RE

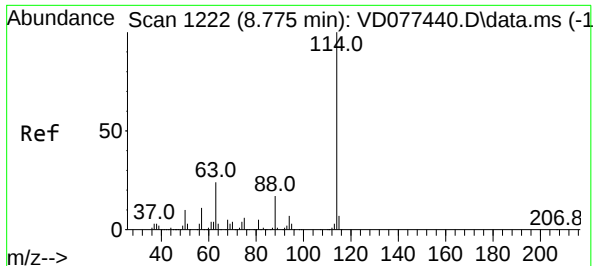
Tgt Ion:168 Resp: 23142
Ion Ratio Lower Upper
168 100
99 57.7 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 62.154 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VD077991.D
Acq: 20 Dec 2023 13:14

Tgt Ion: 65 Resp: 16949
Ion Ratio Lower Upper
65 100
67 57.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077991.D

Acq: 20 Dec 2023 13:14

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-07-23.5-24.5RE

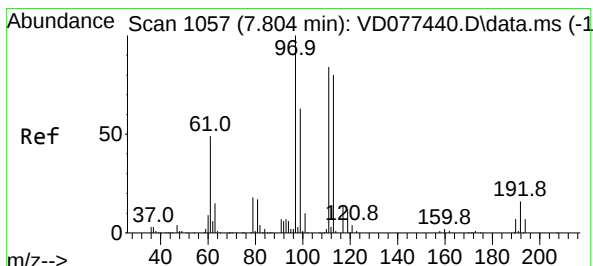
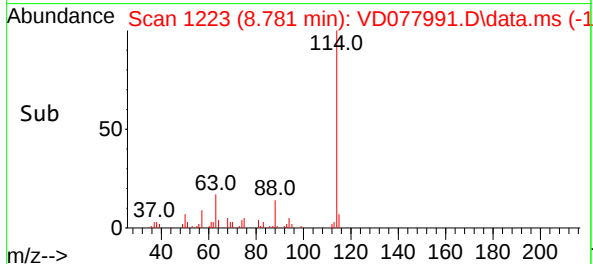
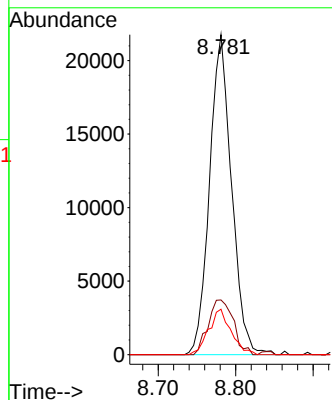
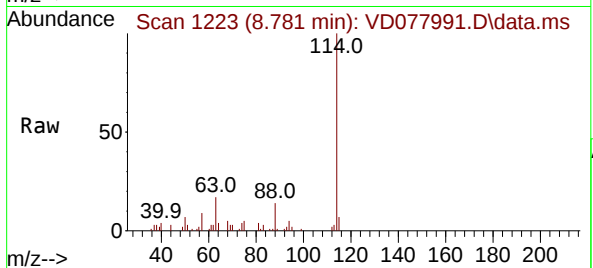
Tgt Ion:114 Resp: 42947

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.079 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077991.D

Acq: 20 Dec 2023 13:14

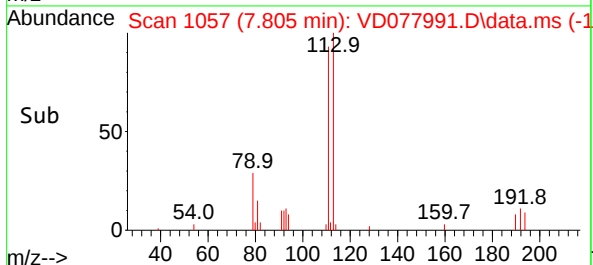
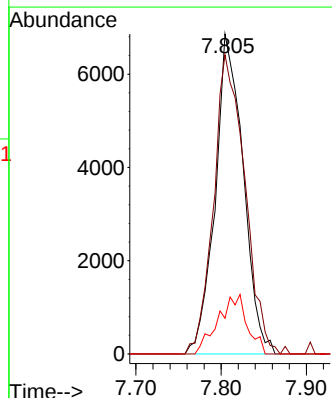
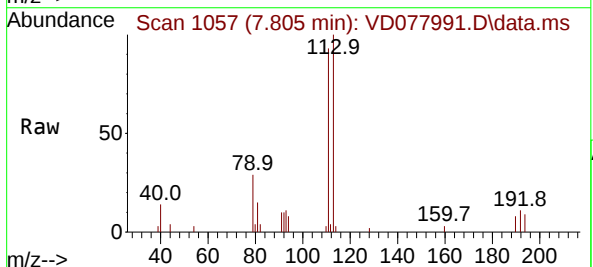
Tgt Ion:113 Resp: 15667

Ion Ratio Lower Upper

113 100

111 104.2 84.7 127.1

192 19.3 16.8 25.2

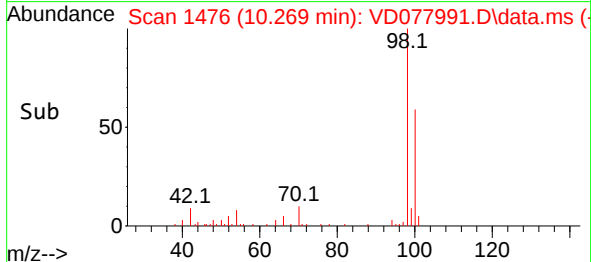
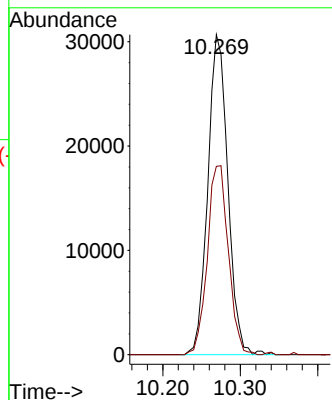
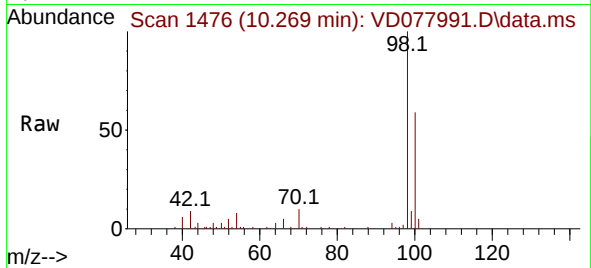




#50
Toluene-d8
Concen: 45.640 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077991.D
Acq: 20 Dec 2023 13:14

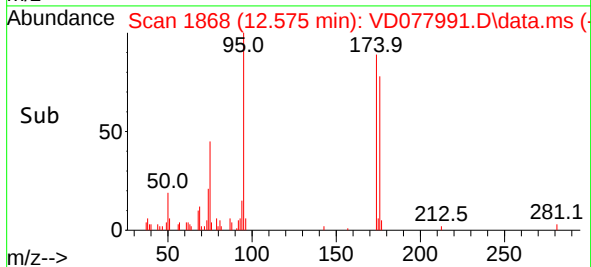
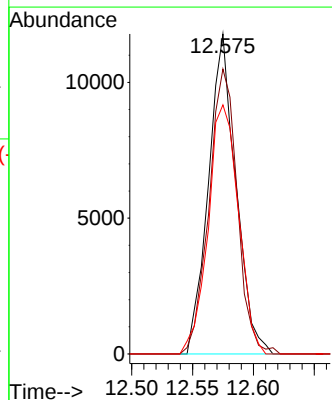
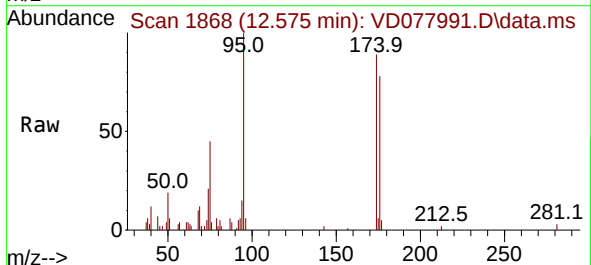
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-07-23.5-24.5RE

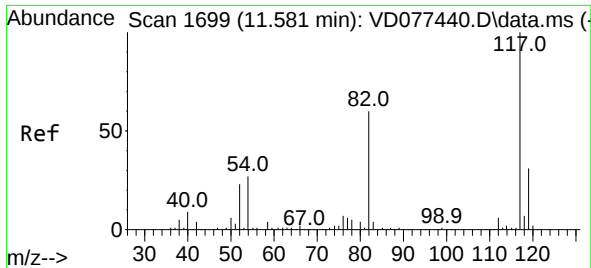
Tgt Ion: 98 Resp: 54990
Ion Ratio Lower Upper
98 100
100 62.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.260 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077991.D
Acq: 20 Dec 2023 13:14

Tgt Ion: 95 Resp: 18465
Ion Ratio Lower Upper
95 100
174 91.8 0.0 201.8
176 86.1 0.0 191.8

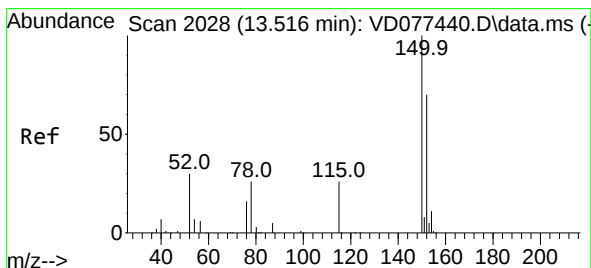
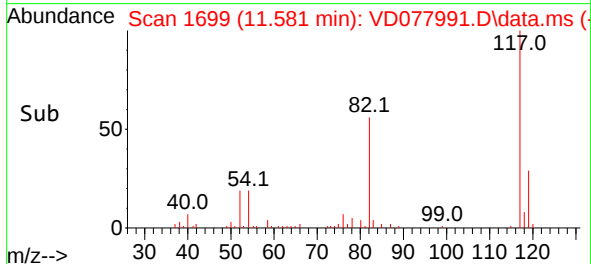
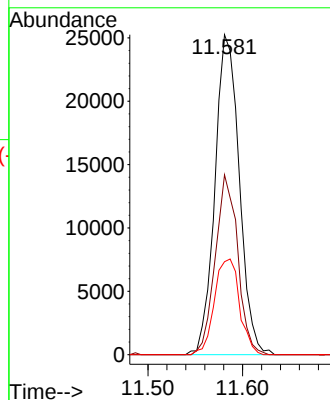
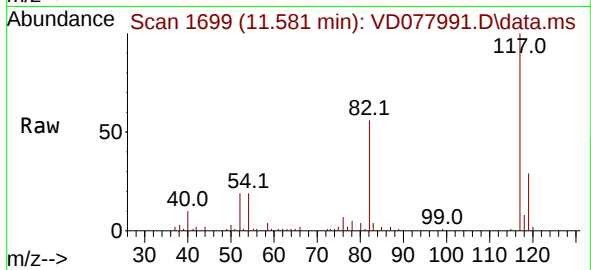




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077991.D
Acq: 20 Dec 2023 13:14

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-07-23.5-24.5RE

Tgt Ion:117 Resp: 45199
Ion Ratio Lower Upper
117 100
82 56.2 38.3 57.5
119 29.1 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: VD077991.D
Acq: 20 Dec 2023 13:14

Tgt Ion:152 Resp: 21512
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 157.4 0.0 353.6

