

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075639.D
 Acq On : 12 Apr 2023 14:49
 Operator : KP/SY
 Sample : 02260-06
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1B

Quant Time: Apr 13 07:27:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	8456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	18727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	8215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10036	144.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 289.360%#	
35) Dibromofluoromethane	7.810	113	9596	87.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 174.860%#	
50) Toluene-d8	10.269	98	21948	50.984	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.960%	
62) 4-Bromofluorobenzene	12.581	95	6902	54.499	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.000%	

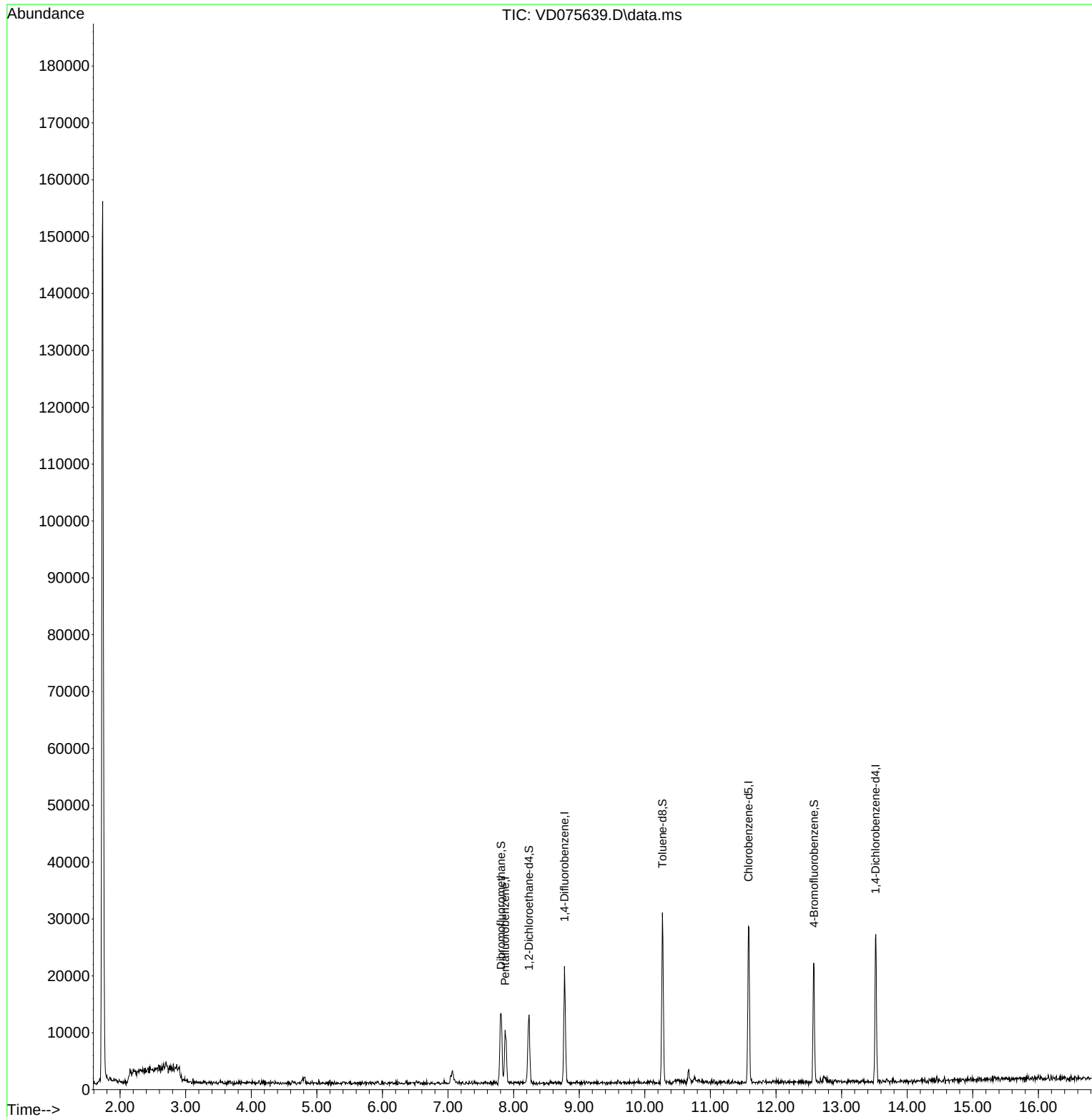
Target Compounds	Qvalue

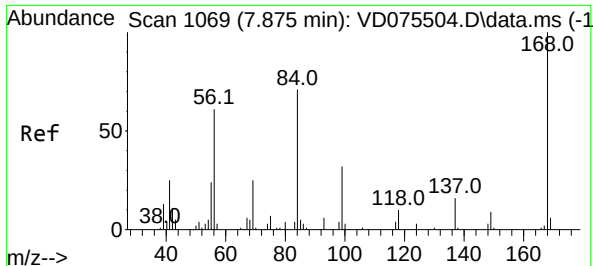
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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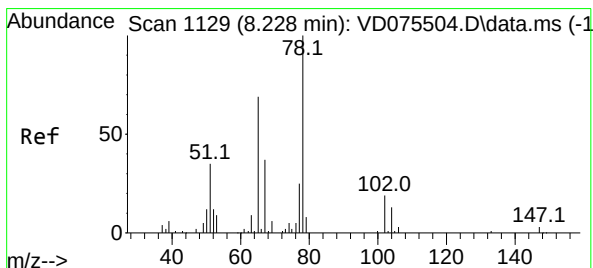
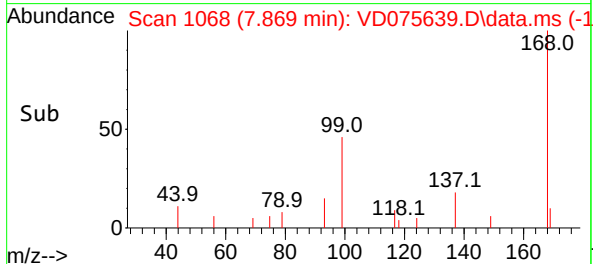
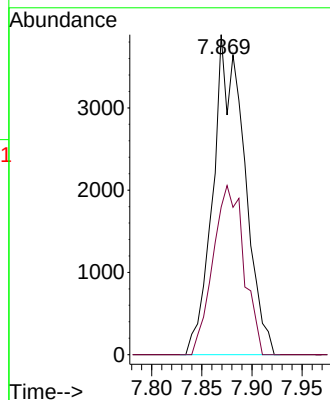
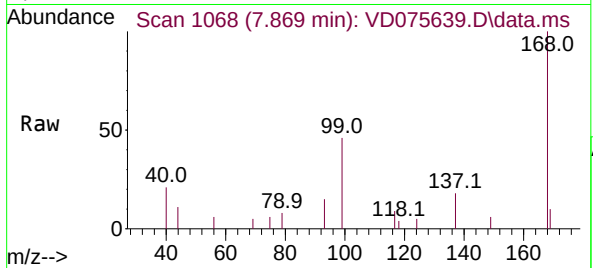




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

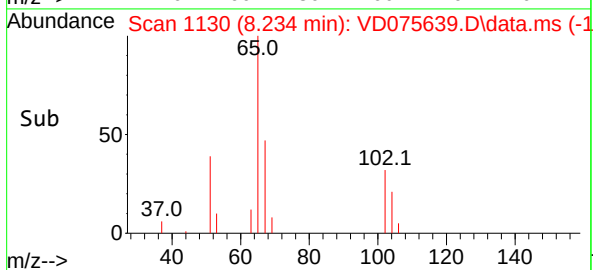
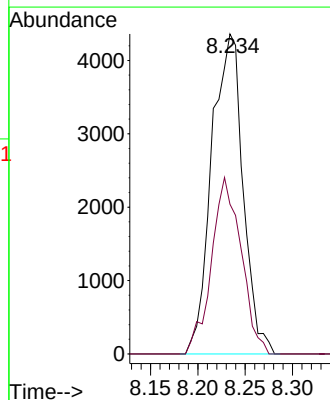
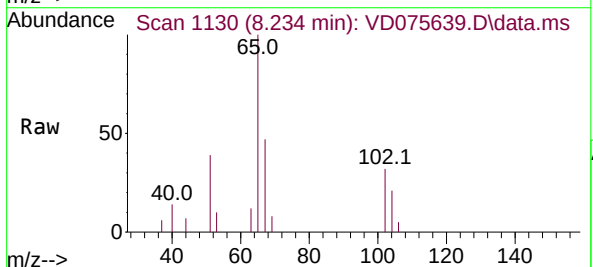
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

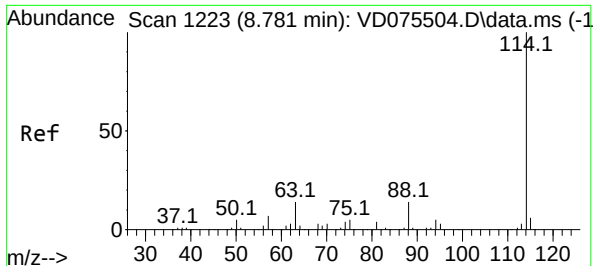
Tgt Ion:168 Resp: 8456
Ion Ratio Lower Upper
168 100
99 46.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 144.676 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion: 65 Resp: 10036
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075639.D

Acq: 12 Apr 2023 14:49

Instrument :

MSVOA_D

ClientSampleId :

SP-1B

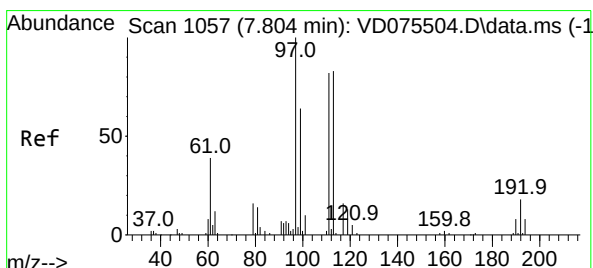
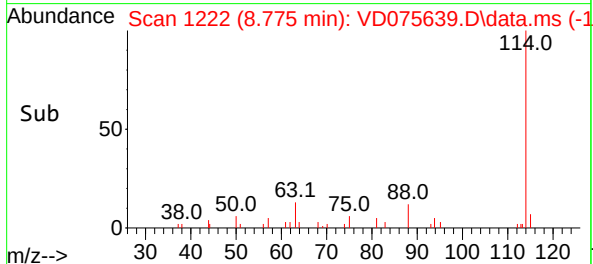
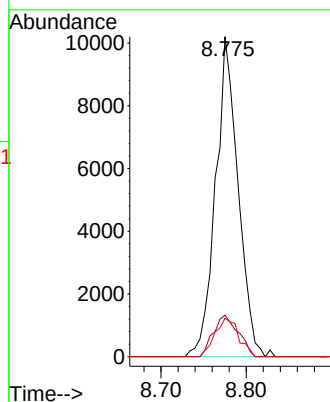
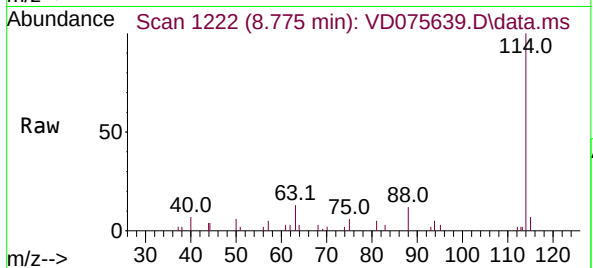
Tgt Ion:114 Resp: 18727

Ion Ratio Lower Upper

114 100

63 13.0 0.0 41.6

88 12.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 87.434 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075639.D

Acq: 12 Apr 2023 14:49

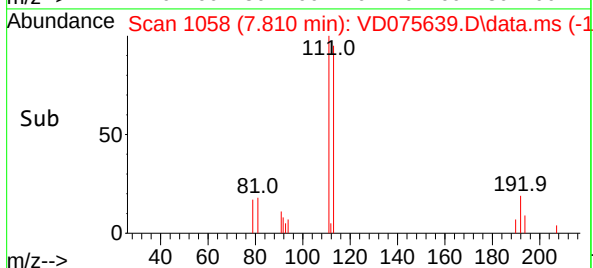
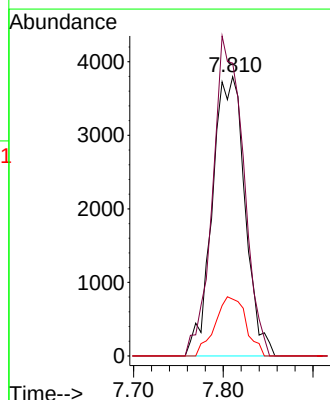
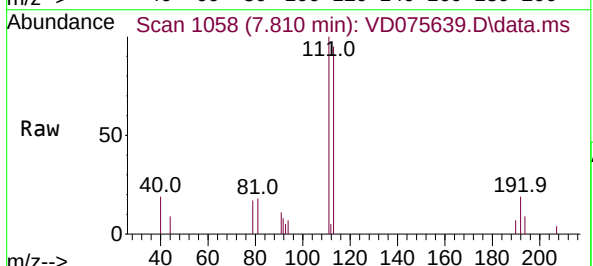
Tgt Ion:113 Resp: 9596

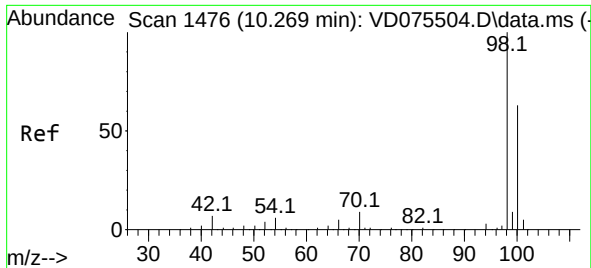
Ion Ratio Lower Upper

113 100

111 107.6 81.4 122.0

192 20.0 15.2 22.8

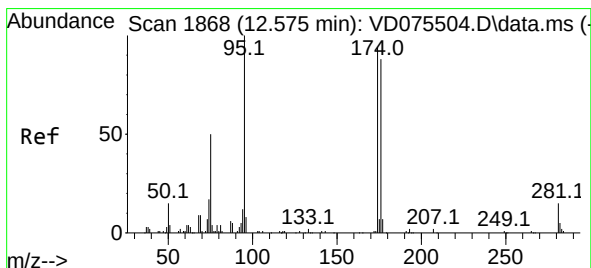
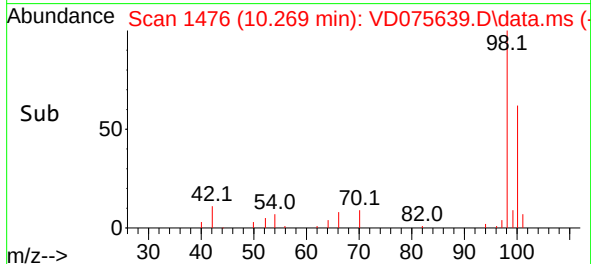
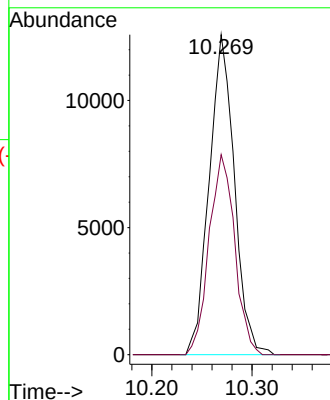
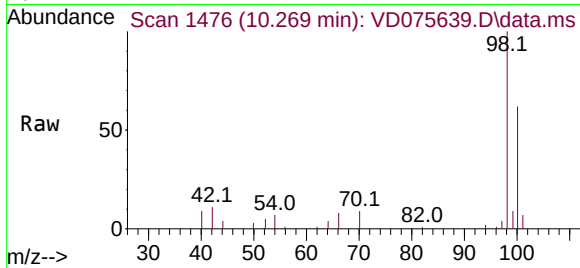




#50
Toluene-d8
Concen: 50.984 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

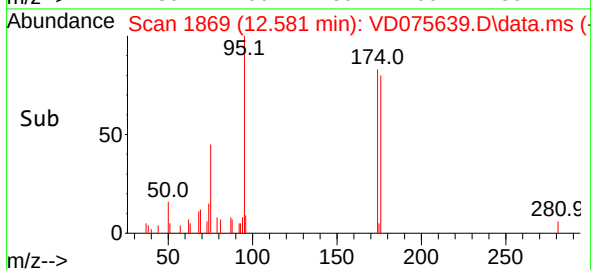
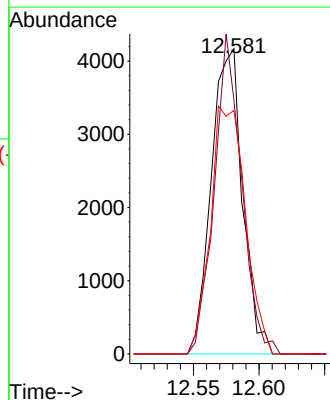
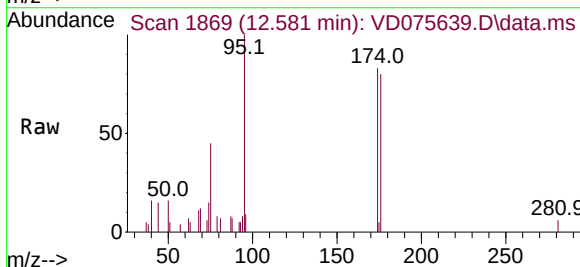
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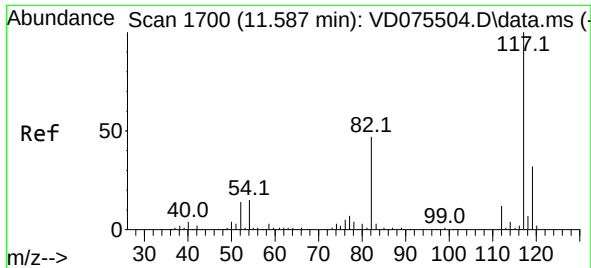
Tgt Ion: 98 Resp: 21948
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.499 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion: 95 Resp: 6902
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 90.6 0.0 156.8

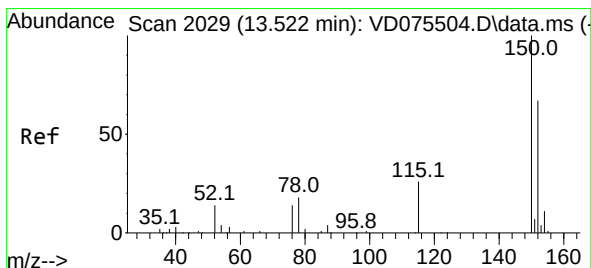
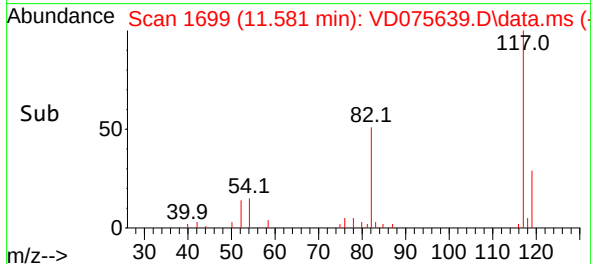
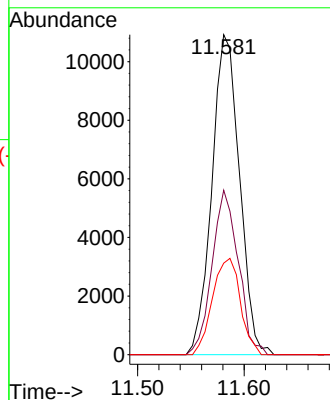
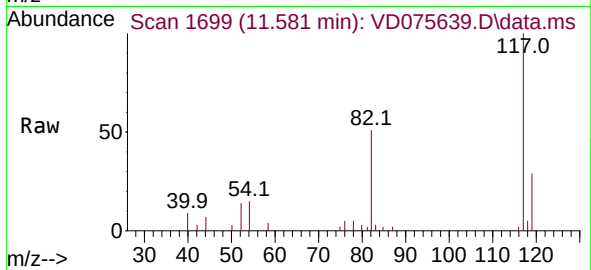




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Instrument :
MSVOA_D
ClientSampleId :
SP-1B

Tgt Ion:117 Resp: 19662
Ion Ratio Lower Upper
117 100
82 51.4 44.0 66.0
119 28.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion:152 Resp: 8215
Ion Ratio Lower Upper
152 100
115 49.7 30.1 90.3
150 154.8 0.0 364.8

