

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075161.D
 Acq On : 20 Jan 2023 18:49
 Operator : KP/SY
 Sample : 01233-08
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-38A

Quant Time: Jan 23 00:33:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	3464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	6979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3206	90.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.400%#
35) Dibromofluoromethane	7.805	113	2359	55.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.880%
50) Toluene-d8	10.269	98	9169	55.219	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.440%
62) 4-Bromofluorobenzene	12.575	95	2999	56.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.820%

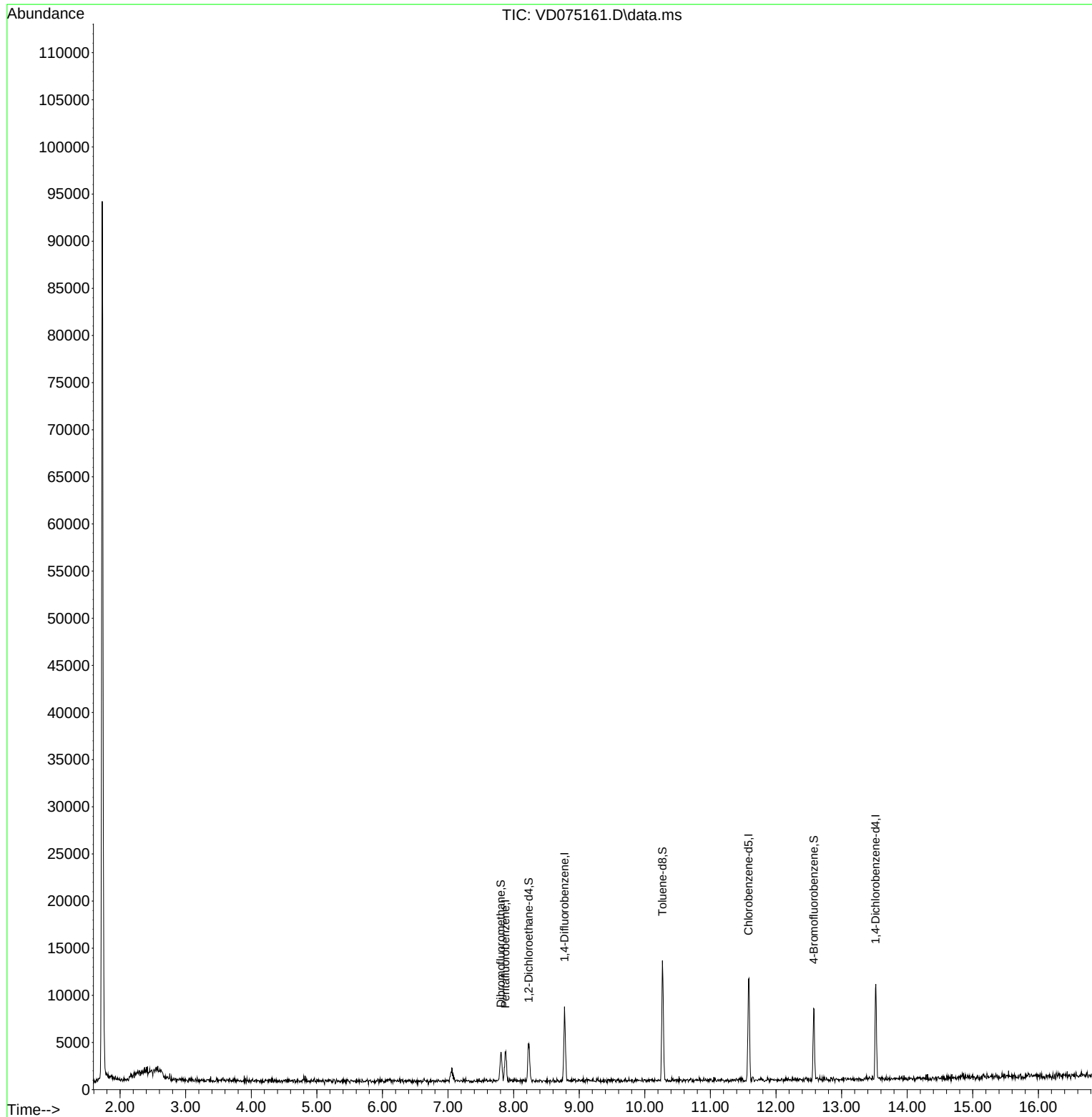
Target Compounds	Qvalue

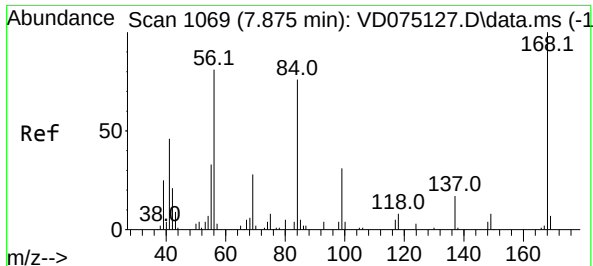
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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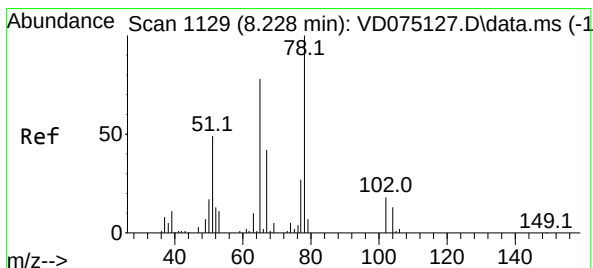
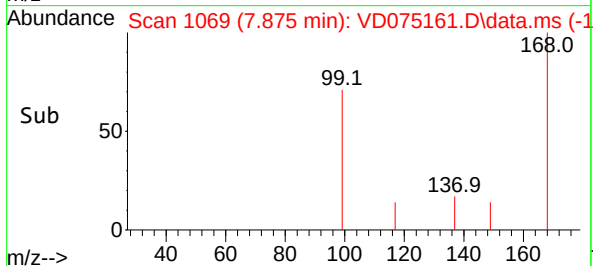
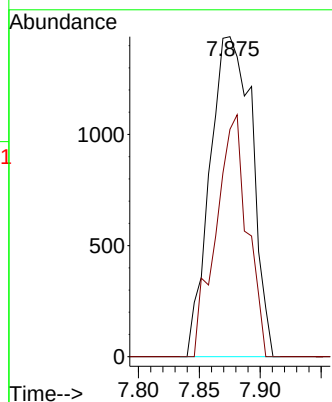
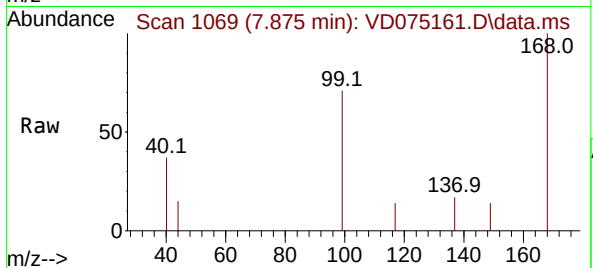




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

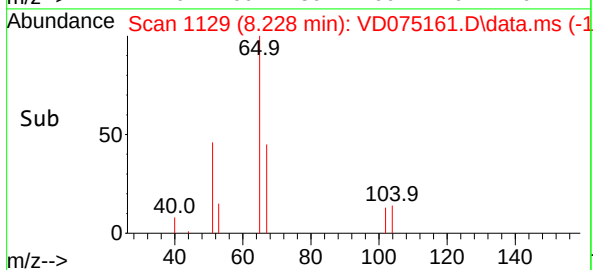
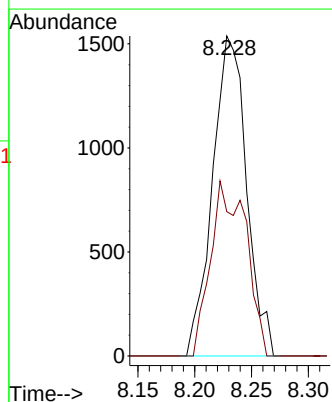
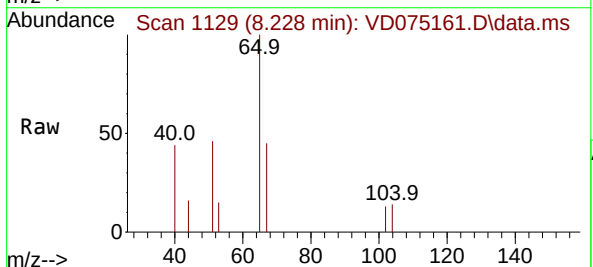
Instrument :
MSVOA_D
ClientSampleId :
B-38A

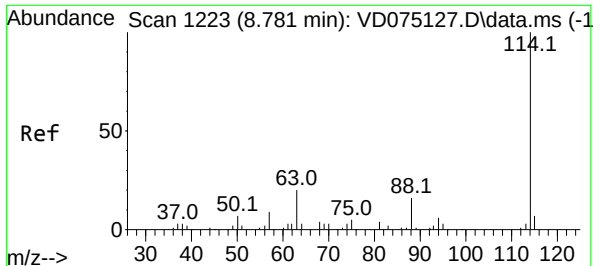
Tgt Ion:168 Resp: 3464
Ion Ratio Lower Upper
168 100
99 71.0 45.2 67.8#



#33
1,2-Dichloroethane-d4
Concen: 90.700 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

Tgt Ion: 65 Resp: 3206
Ion Ratio Lower Upper
65 100
67 57.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075161.D

Acq: 20 Jan 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

B-38A

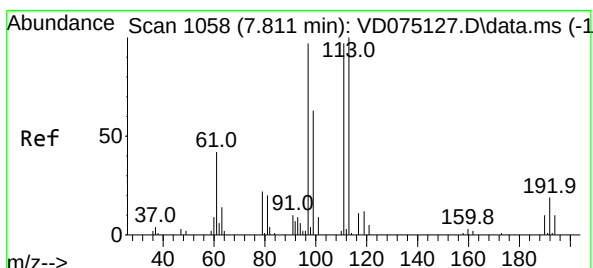
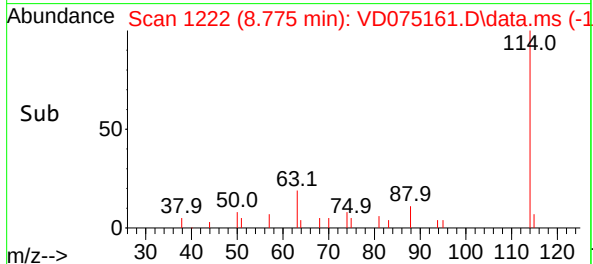
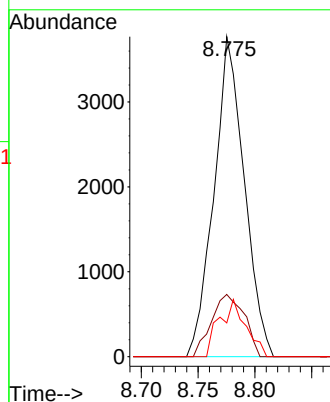
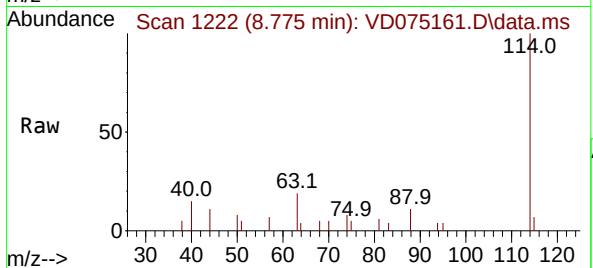
Tgt Ion:114 Resp: 6979

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 10.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.938 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075161.D

Acq: 20 Jan 2023 18:49

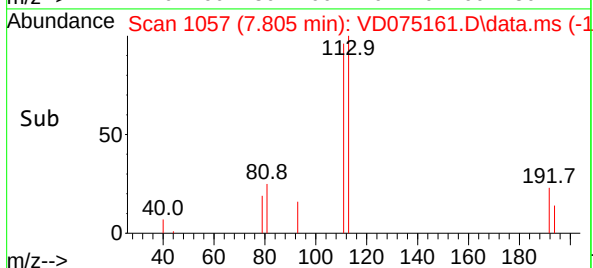
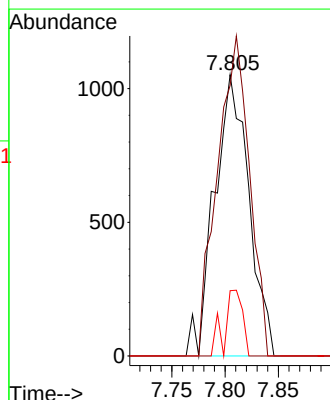
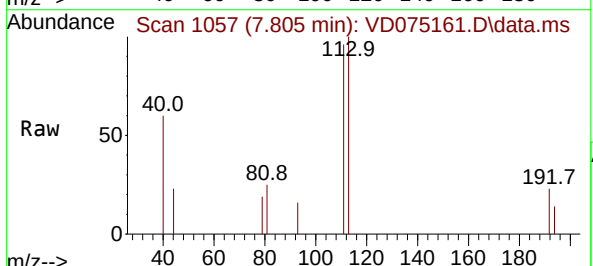
Tgt Ion:113 Resp: 2359

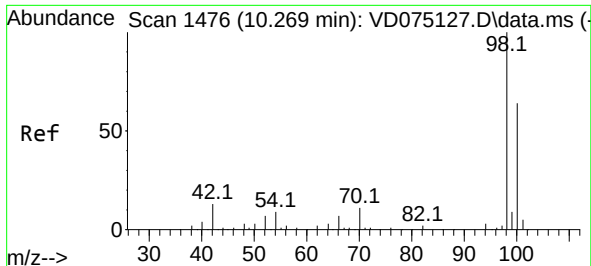
Ion Ratio Lower Upper

113 100

111 106.4 80.1 120.1

192 12.3 15.4 23.0#

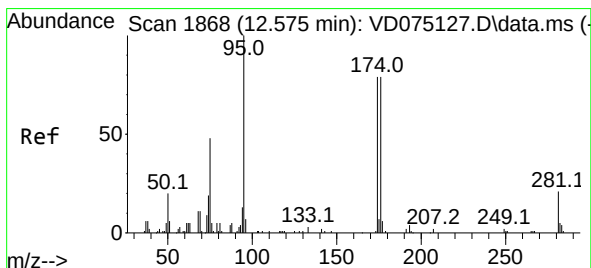
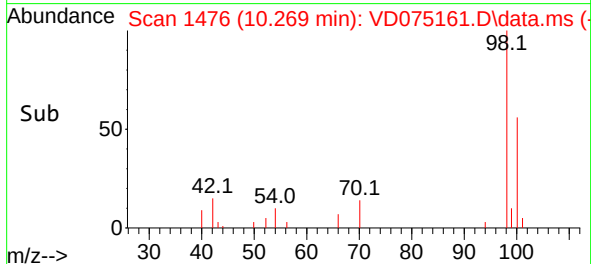
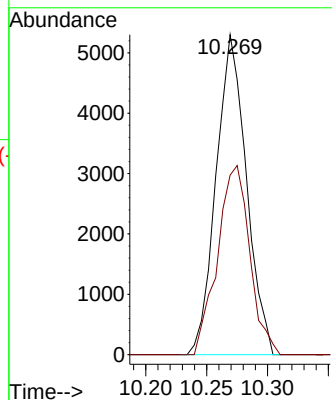
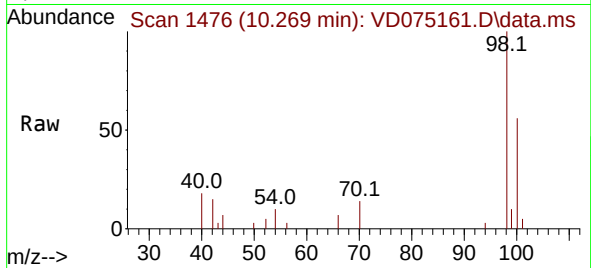




#50
Toluene-d8
Concen: 55.219 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

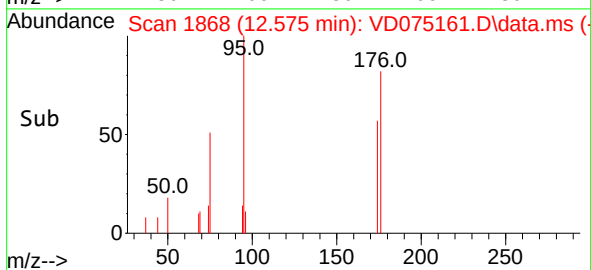
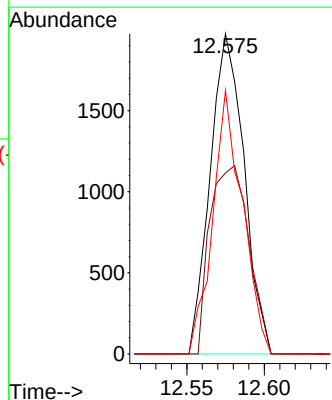
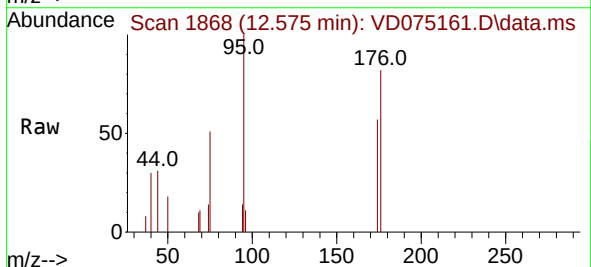
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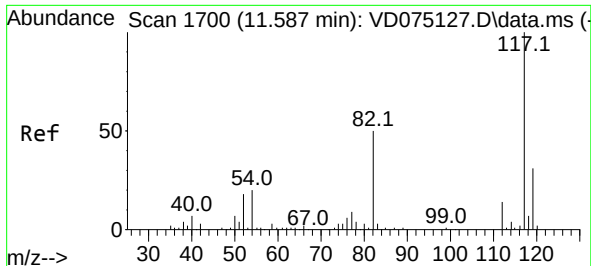
Tgt Ion: 98 Resp: 9169
Ion Ratio Lower Upper
98 100
100 63.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 56.909 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

Tgt Ion: 95 Resp: 2999
Ion Ratio Lower Upper
95 100
174 68.1 0.0 161.2
176 72.3 0.0 160.2

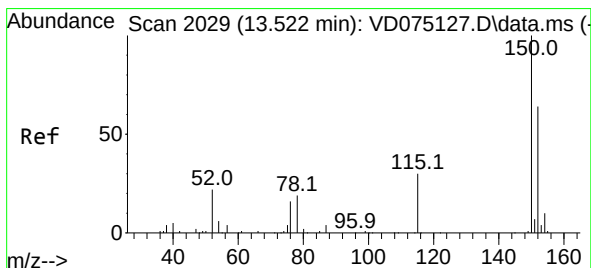
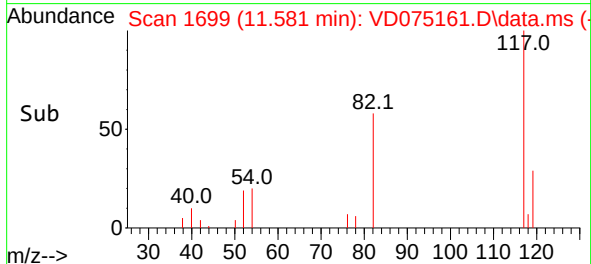
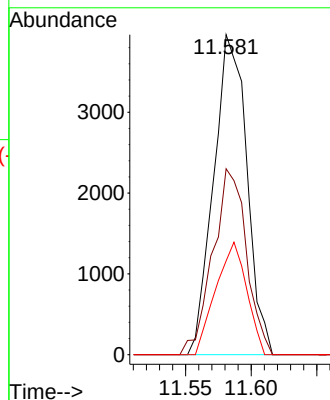
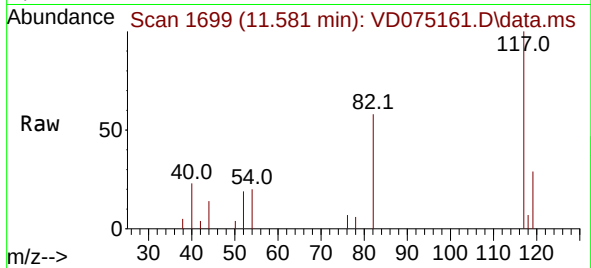




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
B-38A

Tgt Ion:117 Resp: 6961
Ion Ratio Lower Upper
117 100
82 58.1 39.6 59.4
119 29.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

Tgt Ion:152 Resp: 2980
Ion Ratio Lower Upper
152 100
115 64.1 28.8 86.4
150 148.0 0.0 348.6

