

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076559.D
 Acq On : 23 Jun 2023 15:34
 Operator : KP/SY
 Sample : 03308-06
 Misc : 5.74G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-RIGHT

Quant Time: Jun 23 16:33:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	107127	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	195866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	66929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87308	81.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.680%
35) Dibromofluoromethane	7.799	113	81827	70.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.640%
50) Toluene-d8	10.269	98	285862	64.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	129.560%
62) 4-Bromofluorobenzene	12.575	95	80354	56.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.220%

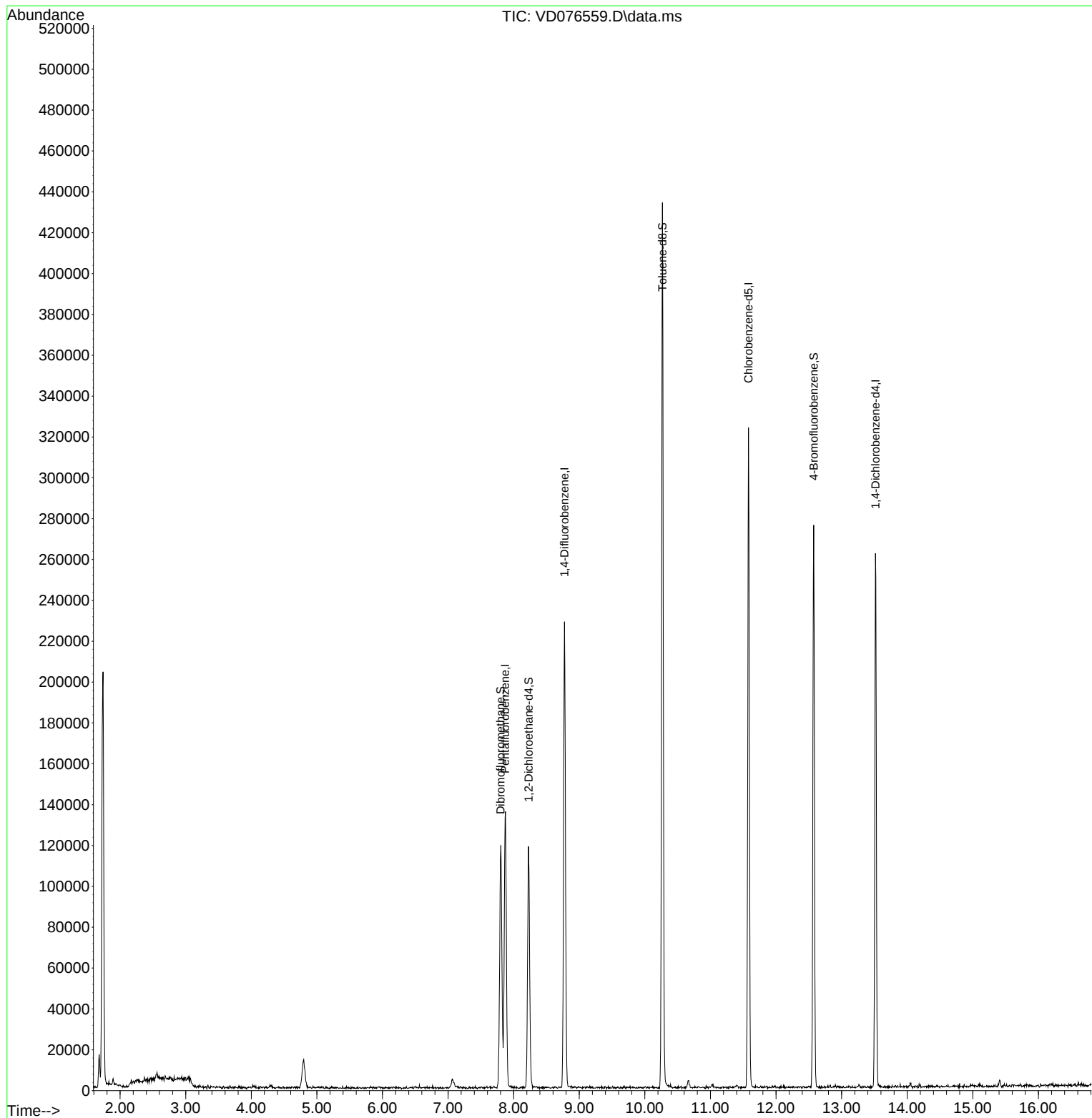
Target Compounds	Qvalue

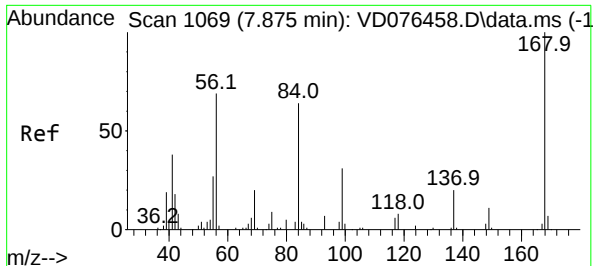
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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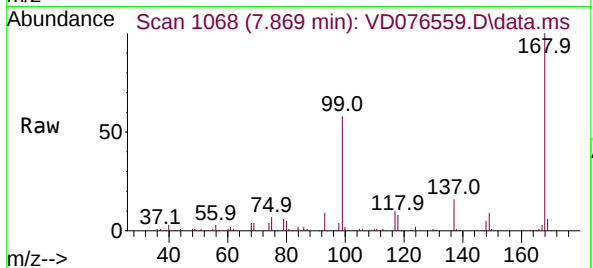
Quant Time: Jun 23 16:33:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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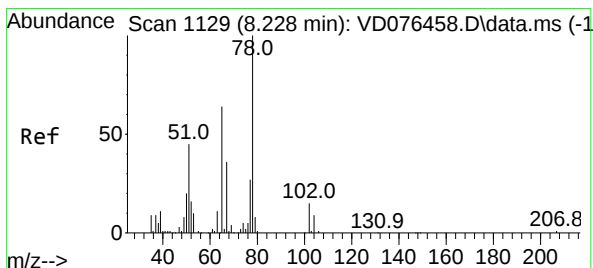
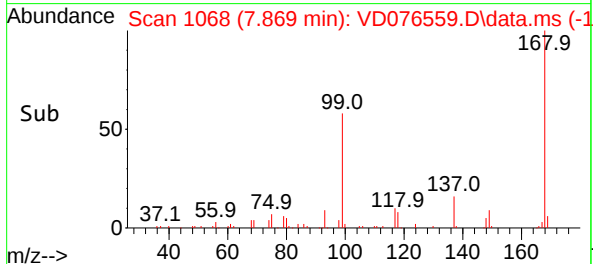
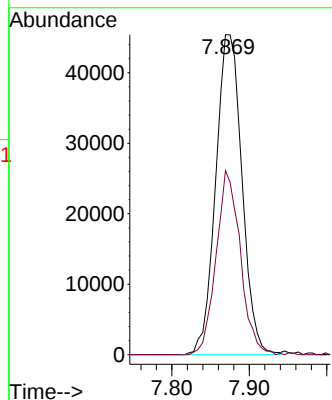


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

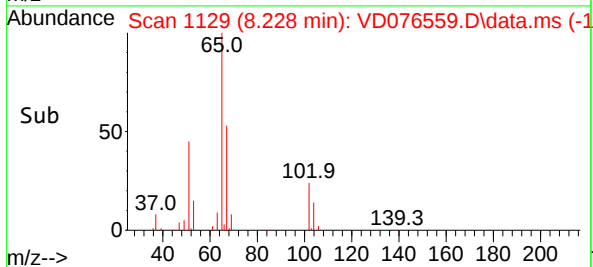
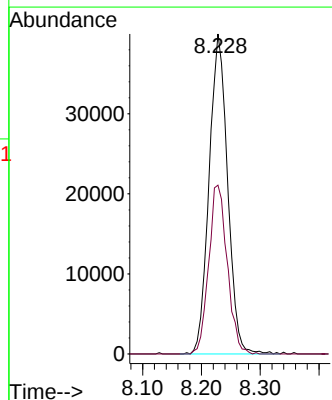
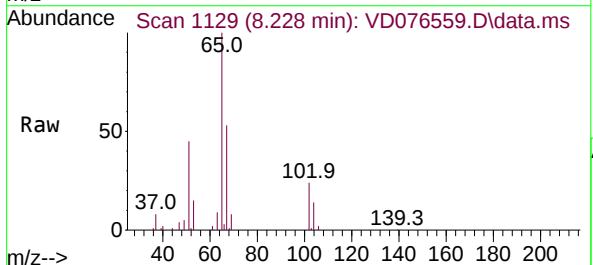


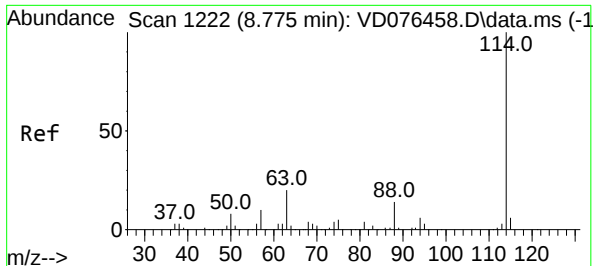
Tgt Ion:168 Resp: 107127
Ion Ratio Lower Upper
168 100
99 57.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 81.344 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion: 65 Resp: 87308
Ion Ratio Lower Upper
65 100
67 52.9 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: VD076559.D

Acq: 23 Jun 2023 15:34

Instrument :

MSVOA_D

ClientSampleId :

SP-RIGHT

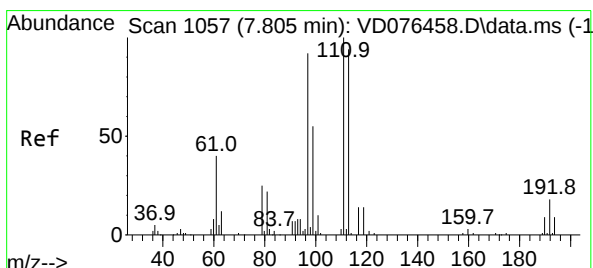
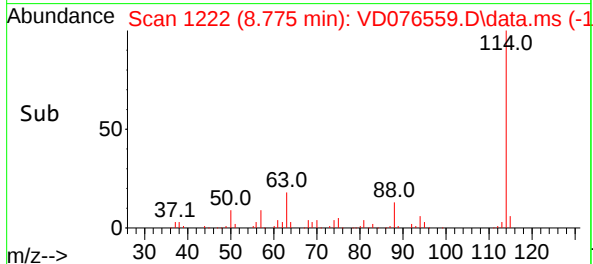
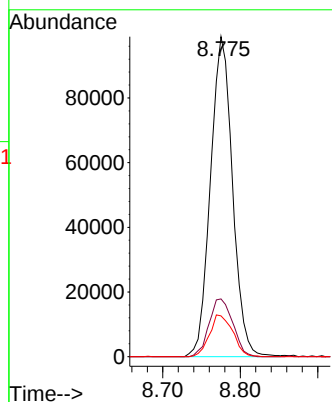
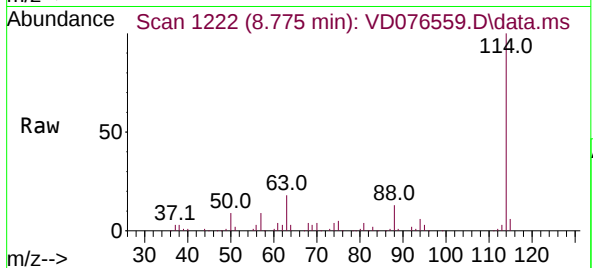
Tgt Ion:114 Resp: 195866

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 12.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 70.324 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076559.D

Acq: 23 Jun 2023 15:34

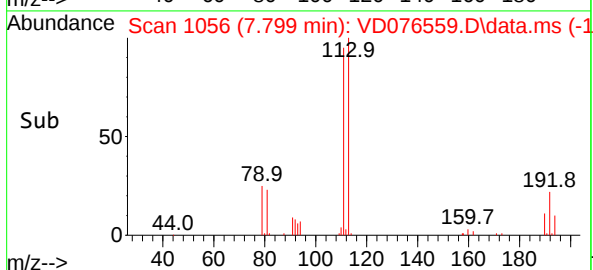
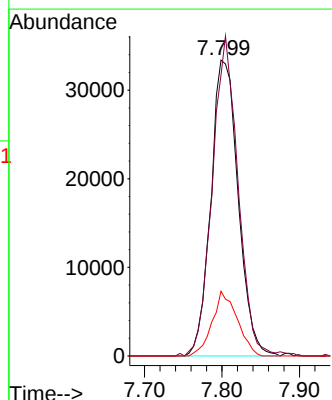
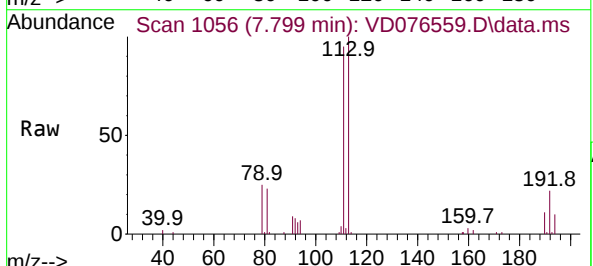
Tgt Ion:113 Resp: 81827

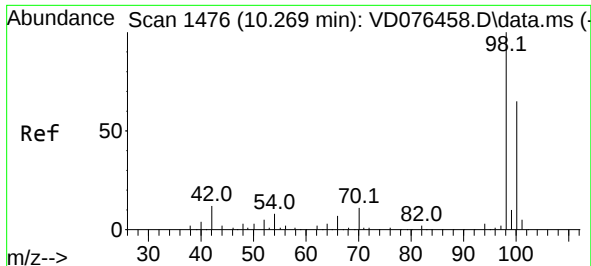
Ion Ratio Lower Upper

113 100

111 102.2 84.7 127.1

192 20.0 16.8 25.2

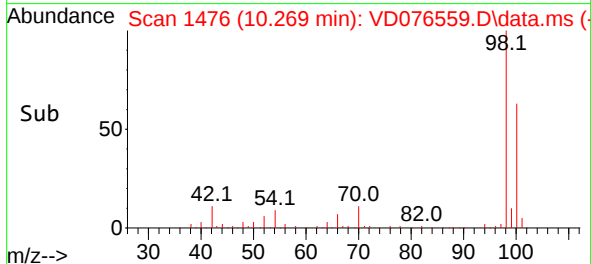
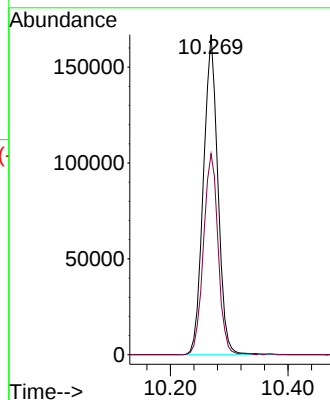
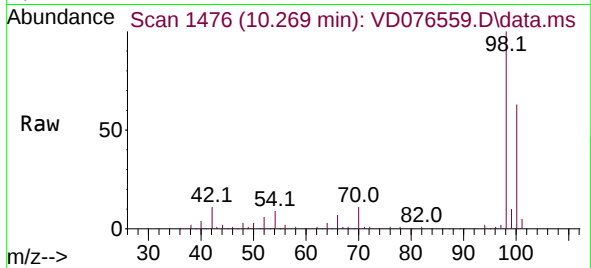




#50
Toluene-d8
Concen: 64.780 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

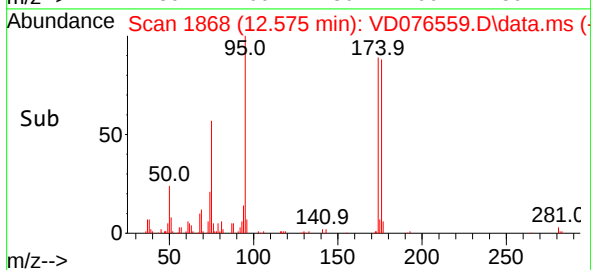
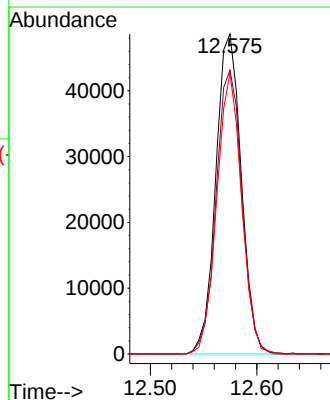
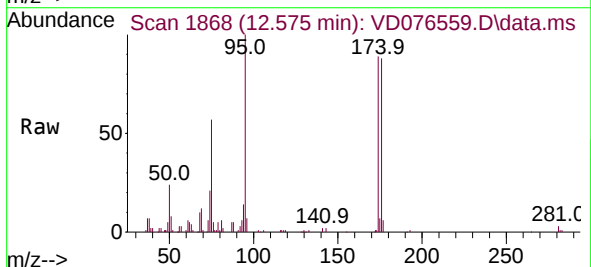
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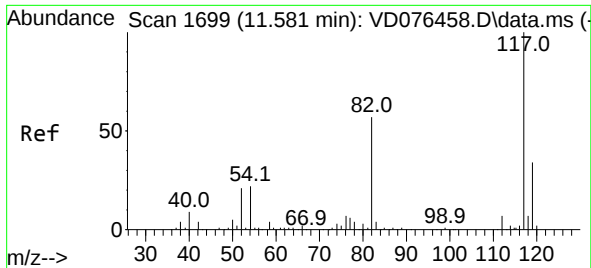
Tgt Ion: 98 Resp: 285862
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.107 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion: 95 Resp: 80354
Ion Ratio Lower Upper
95 100
174 90.6 0.0 201.8
176 85.5 0.0 191.8

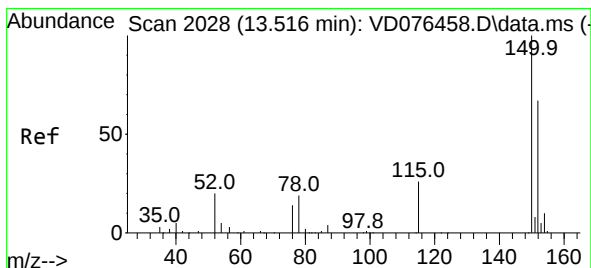
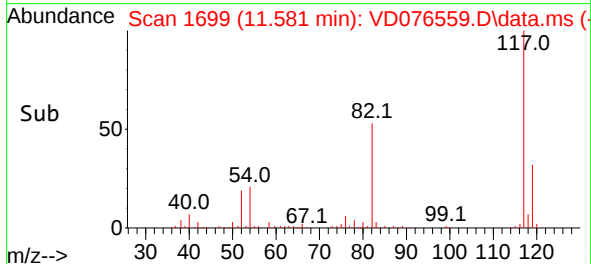
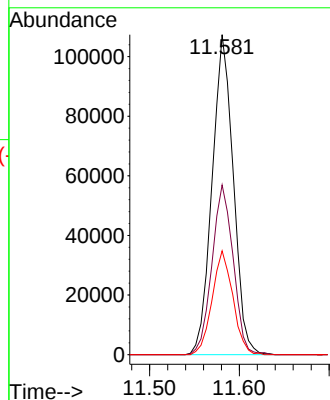
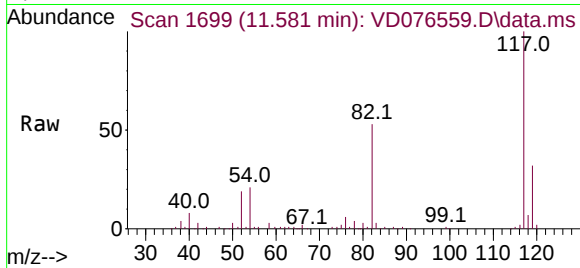




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

Tgt Ion:117 Resp: 176131
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 32.4 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: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion:152 Resp: 66929
Ion Ratio Lower Upper
152 100
115 58.0 27.1 81.3
150 159.1 0.0 353.6

