

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076556.D
 Acq On : 23 Jun 2023 14:05
 Operator : KP/SY
 Sample : 03363-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SPRE

Quant Time: Jun 23 16:33:21 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	7.875	168	12207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	23877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	24361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	10903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12866	105.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	210.400%#
35) Dibromofluoromethane	7.810	113	10229	72.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.220%
50) Toluene-d8	10.269	98	32741	60.863	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	121.720%
62) 4-Bromofluorobenzene	12.575	95	11263	64.513	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	129.020%

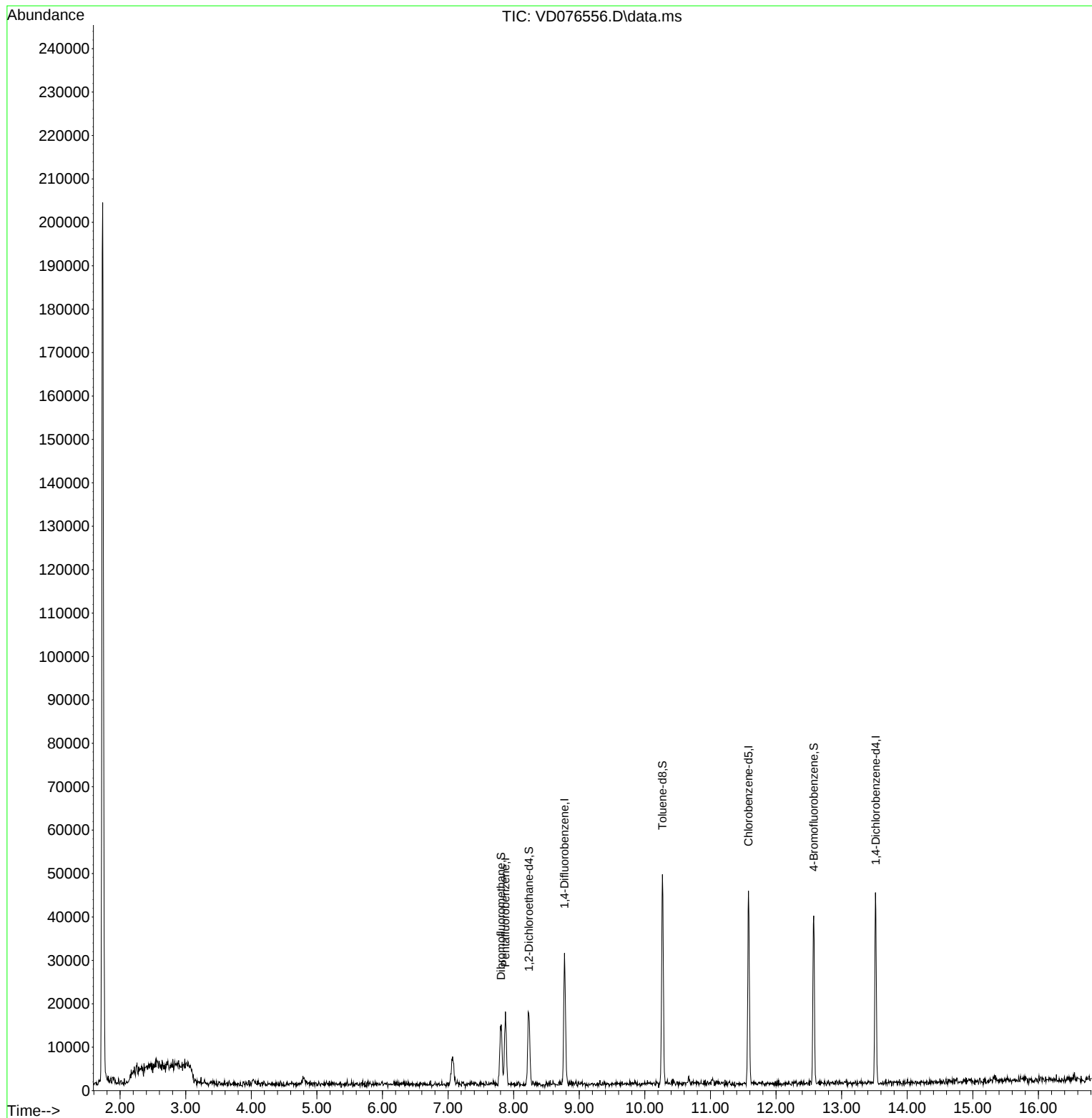
Target Compounds	Qvalue

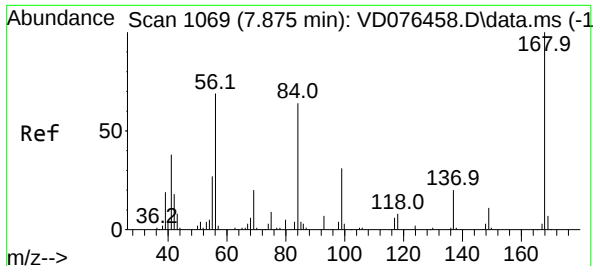
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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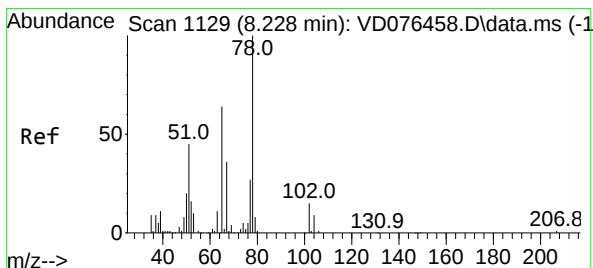
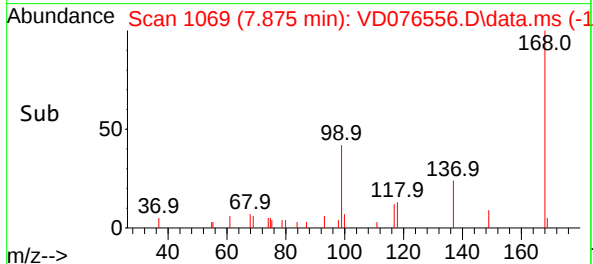
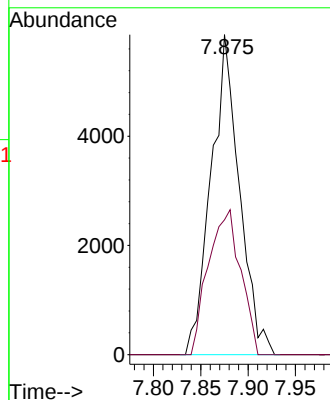
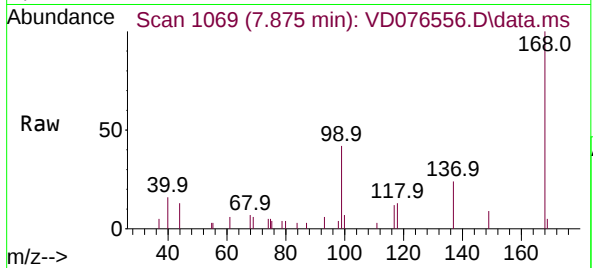




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD076556.D
Acq: 23 Jun 2023 14:05

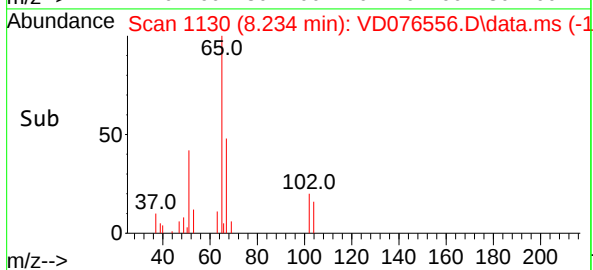
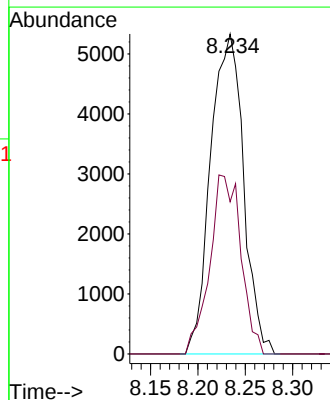
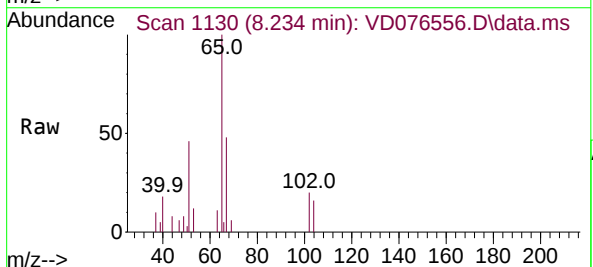
Instrument :
MSVOA_D
ClientSampleId :
SPRE

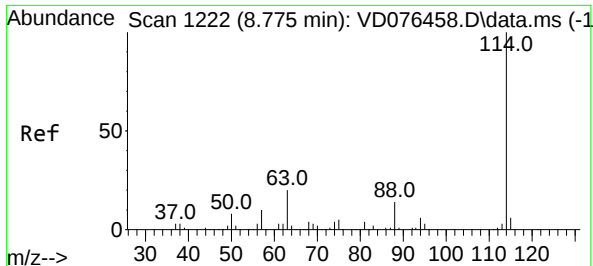
Tgt Ion:168 Resp: 12207
Ion Ratio Lower Upper
168 100
99 42.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 105.197 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076556.D
Acq: 23 Jun 2023 14:05

Tgt Ion: 65 Resp: 12866
Ion Ratio Lower Upper
65 100
67 52.8 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: VD076556.D

Acq: 23 Jun 2023 14:05

Instrument :

MSVOA_D

ClientSampleId :

SPRE

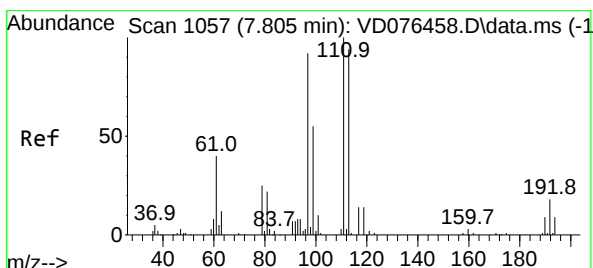
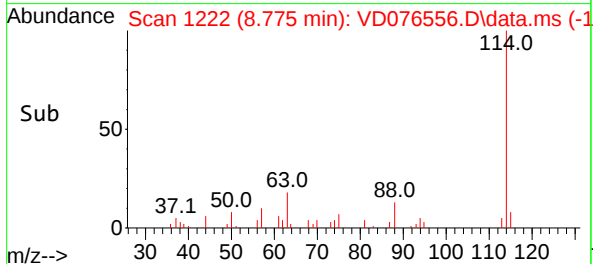
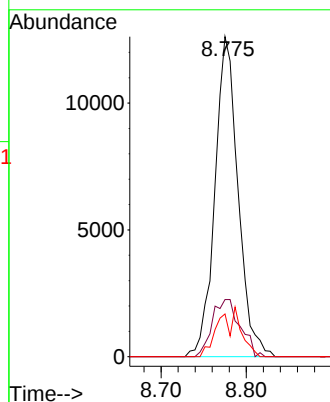
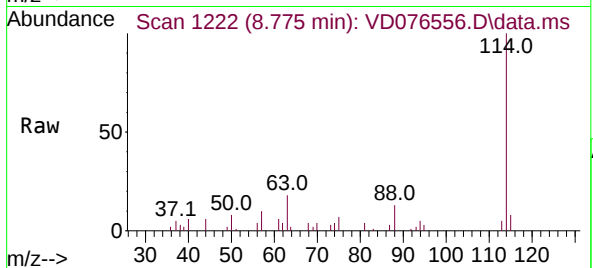
Tgt Ion:114 Resp: 23877

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 72.114 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076556.D

Acq: 23 Jun 2023 14:05

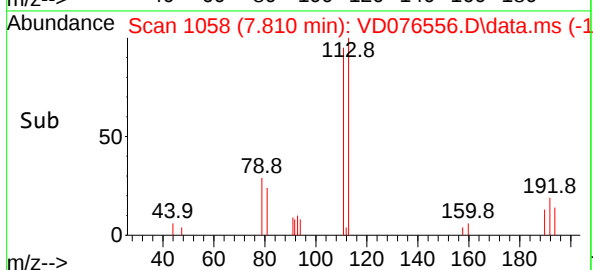
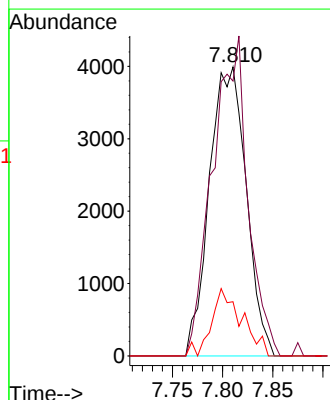
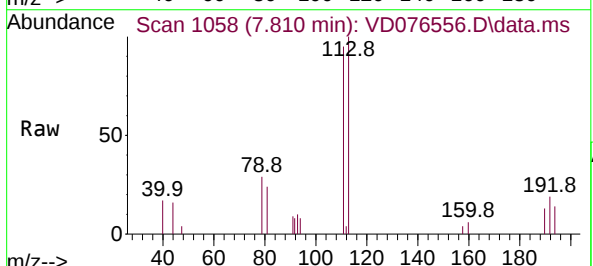
Tgt Ion:113 Resp: 10229

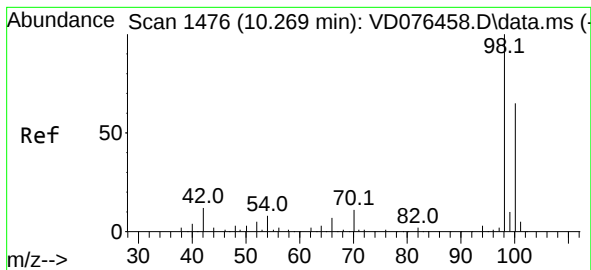
Ion Ratio Lower Upper

113 100

111 105.4 84.7 127.1

192 19.2 16.8 25.2

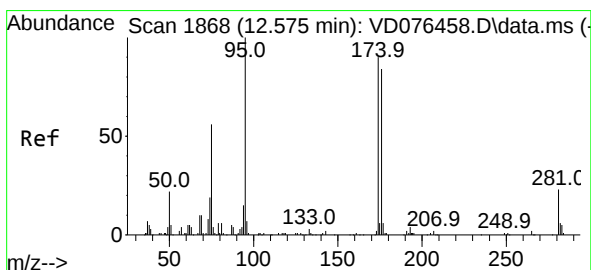
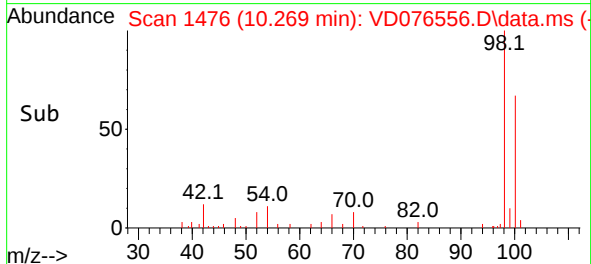
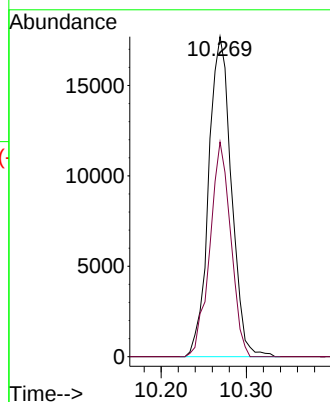
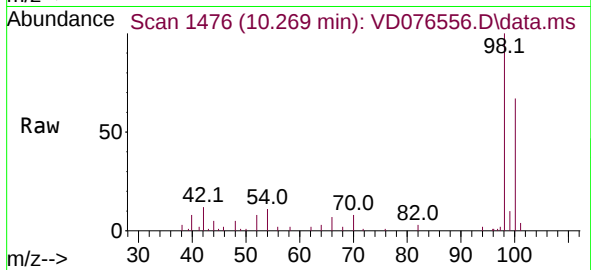




#50
Toluene-d8
Concen: 60.863 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076556.D
Acq: 23 Jun 2023 14:05

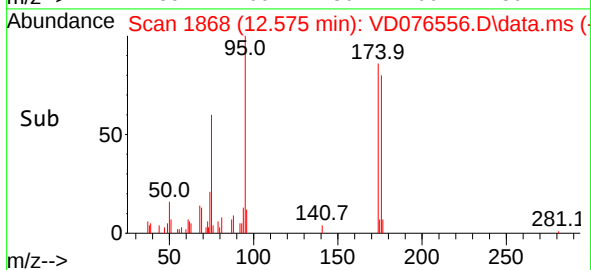
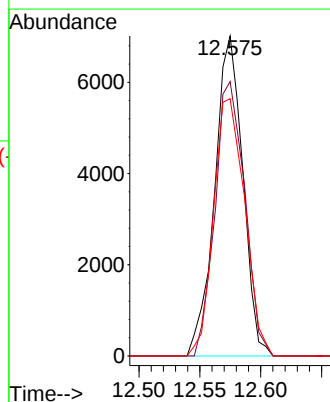
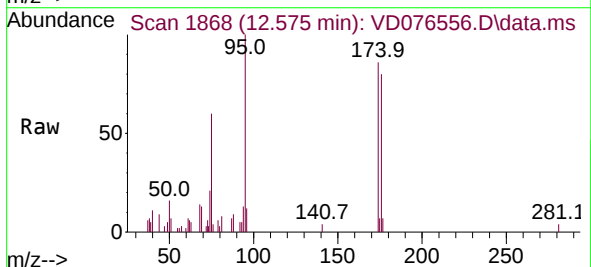
Instrument :
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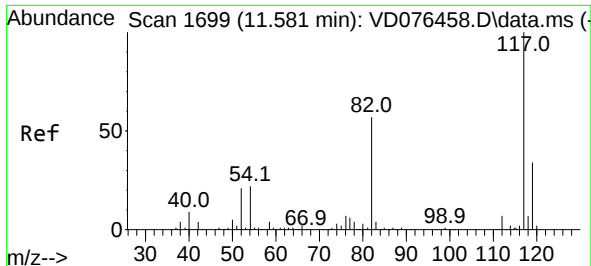
Tgt Ion: 98 Resp: 32741
Ion Ratio Lower Upper
98 100
100 61.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 64.513 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076556.D
Acq: 23 Jun 2023 14:05

Tgt Ion: 95 Resp: 11263
Ion Ratio Lower Upper
95 100
174 90.6 0.0 201.8
176 88.9 0.0 191.8

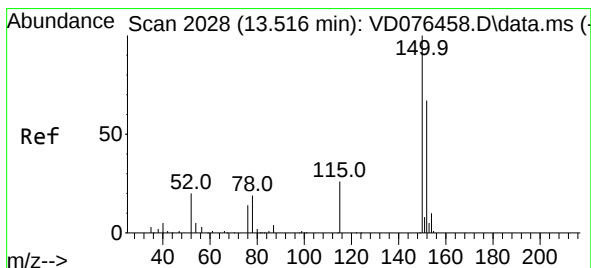
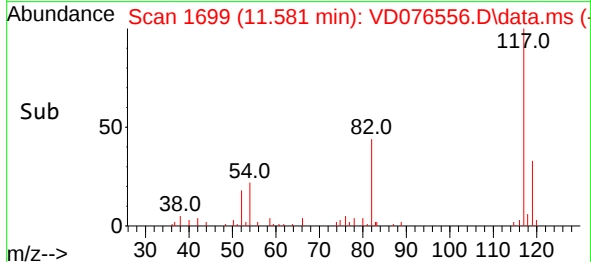
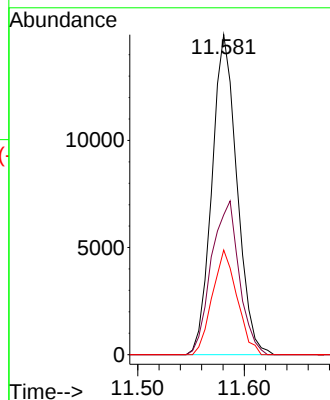
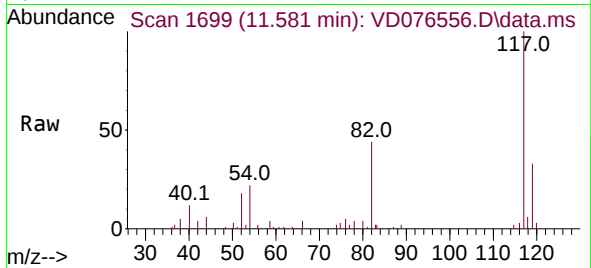




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076556.D
Acq: 23 Jun 2023 14:05

Instrument :
MSVOA_D
ClientSampleId :
SPRE

Tgt Ion:117 Resp: 24361
Ion Ratio Lower Upper
117 100
82 43.7 38.3 57.5
119 32.7 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: VD076556.D
Acq: 23 Jun 2023 14:05

Tgt Ion:152 Resp: 10903
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 161.8 0.0 353.6

