

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076537.D
 Acq On : 22 Jun 2023 14:15
 Operator : KP/SY
 Sample : 03355-11RE
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-6.5-7.0RE

Quant Time: Jun 23 06:36:07 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	38772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	77572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	77724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	33571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43908	113.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	226.060%#
35) Dibromofluoromethane	7.805	113	35814	77.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	155.440%#
50) Toluene-d8	10.269	98	110520	63.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	126.480%
62) 4-Bromofluorobenzene	12.569	95	36120	63.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	127.360%

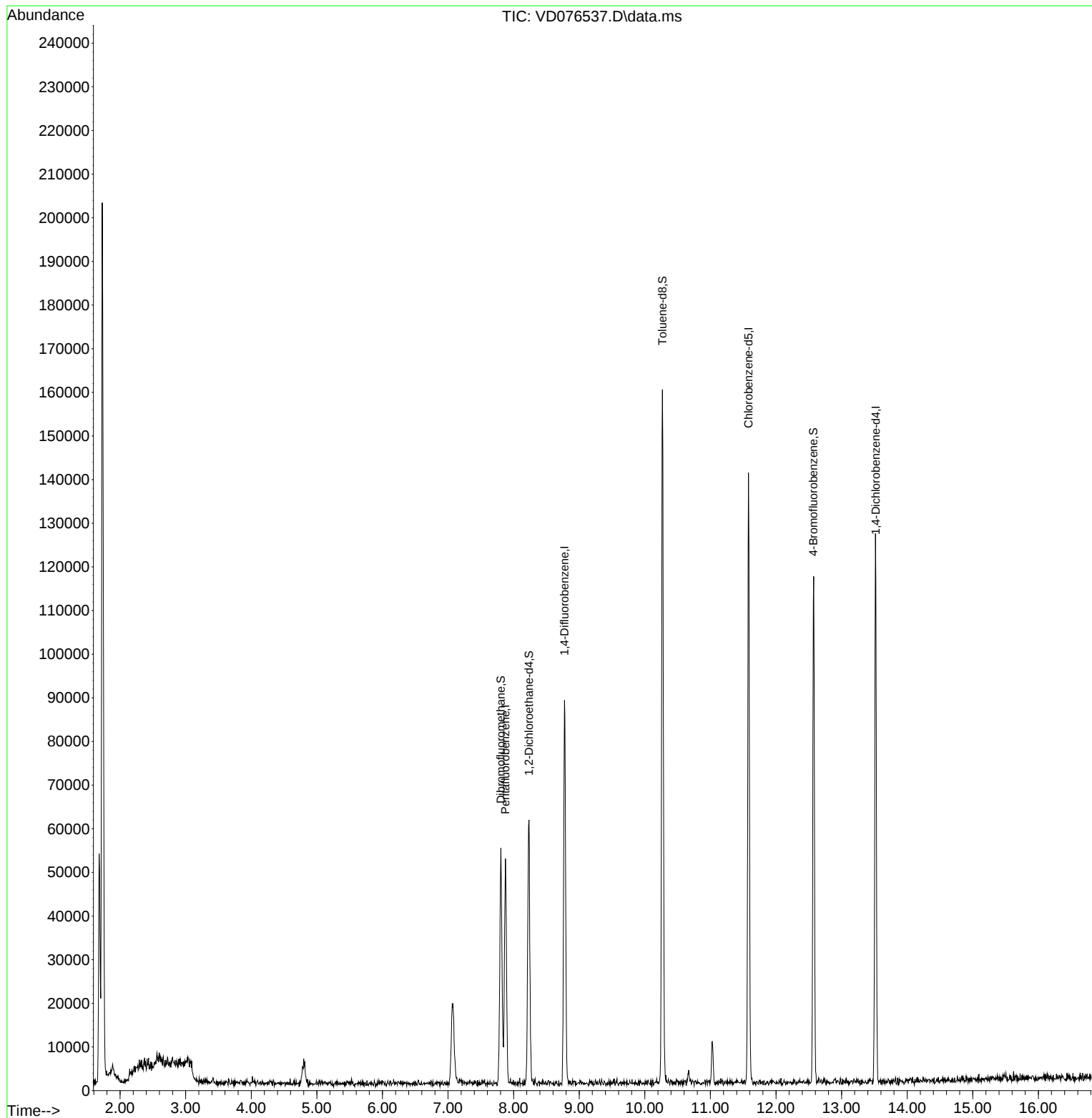
Target Compounds	Qvalue

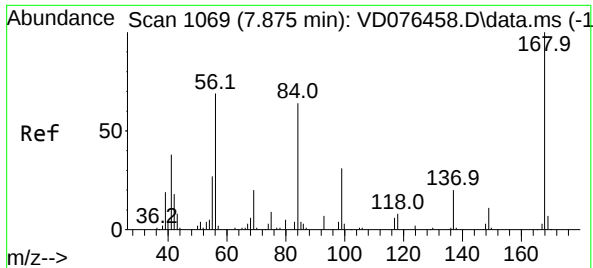
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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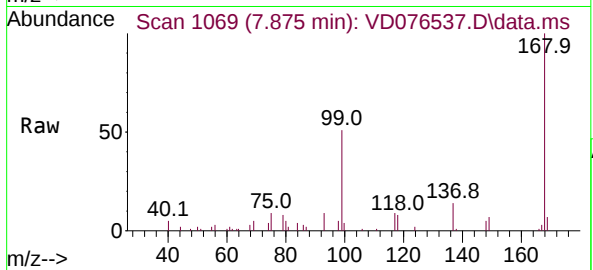
Quant Time: Jun 23 06:36:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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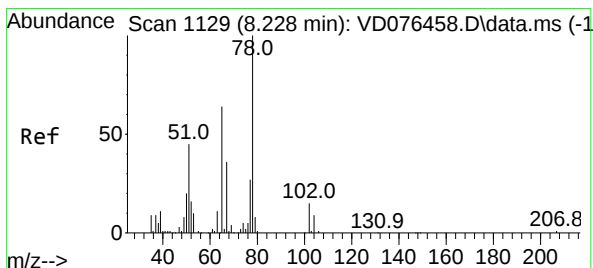
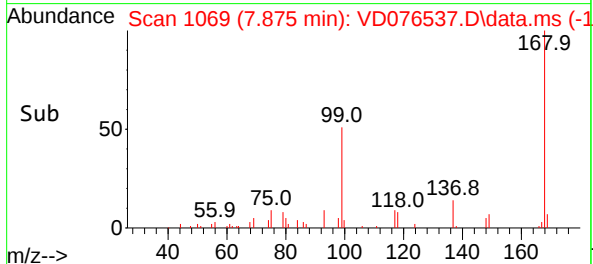
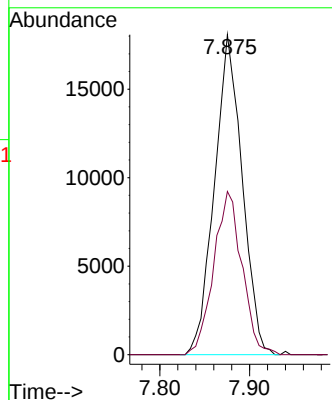


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0RE

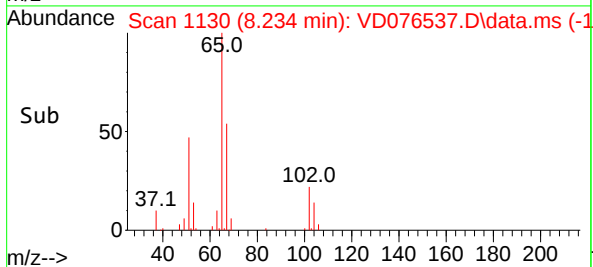
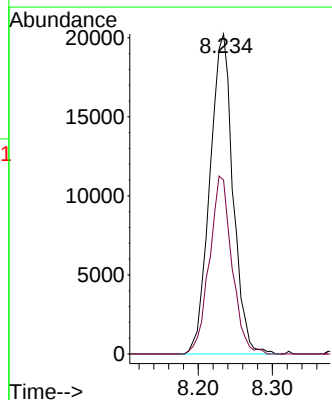
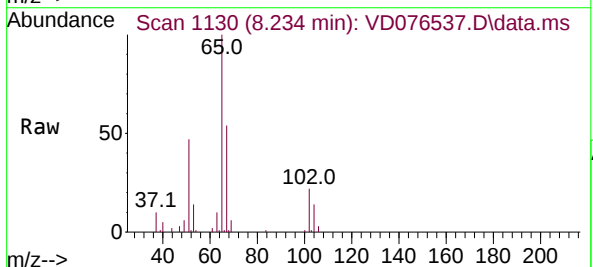


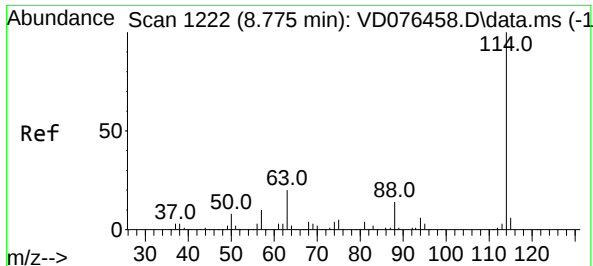
Tgt Ion:168 Resp: 38772
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 113.030 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Tgt Ion: 65 Resp: 43908
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 114

Delta R.T. 0.000 min

Lab File: VD076537.D

Acq: 22 Jun 2023 14:15

Instrument :

MSVOA_D

ClientSampleId :

SB-06-6.5-7.0RE

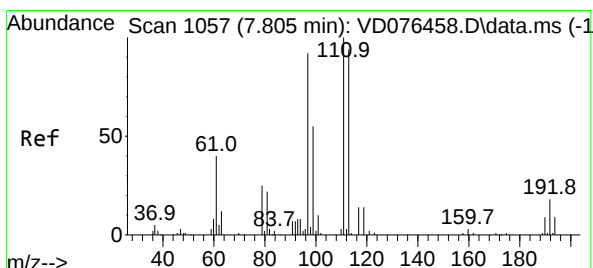
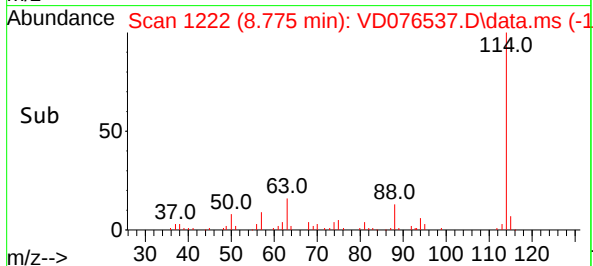
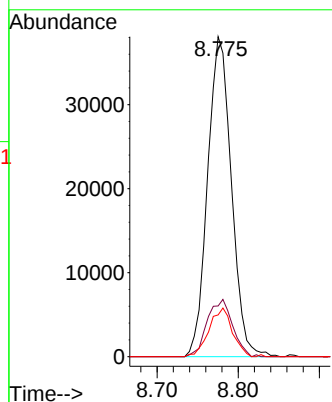
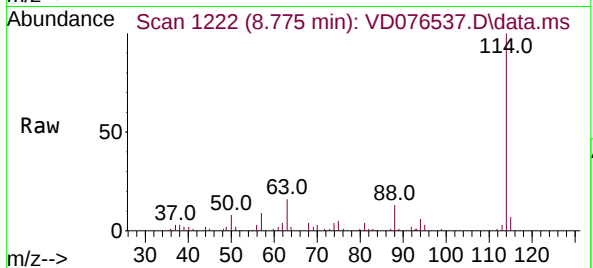
Tgt Ion:114 Resp: 77572

Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 77.716 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076537.D

Acq: 22 Jun 2023 14:15

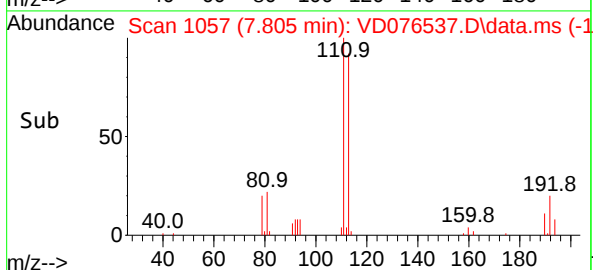
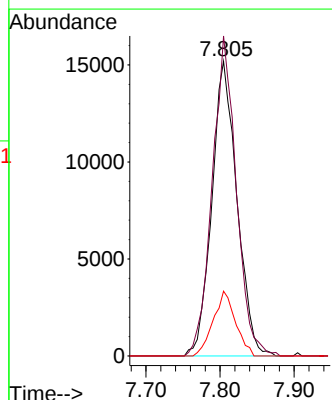
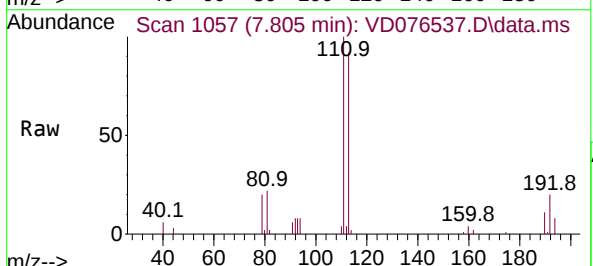
Tgt Ion:113 Resp: 35814

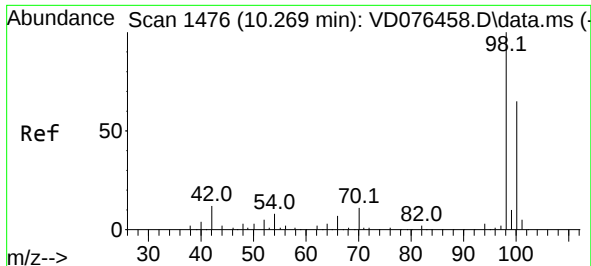
Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 19.4 16.8 25.2

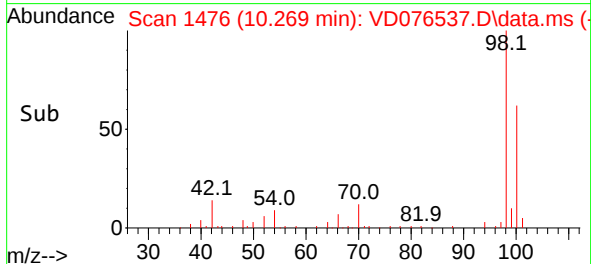
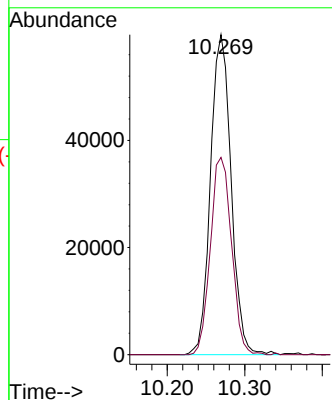
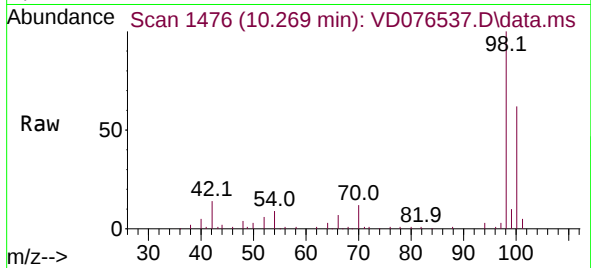




#50
Toluene-d8
Concen: 63.238 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

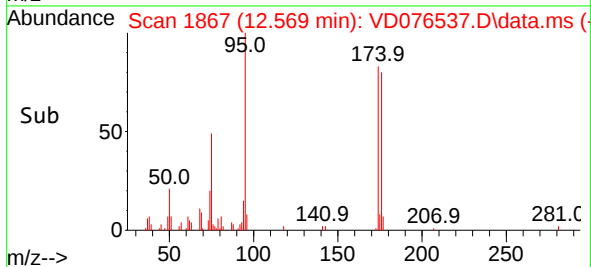
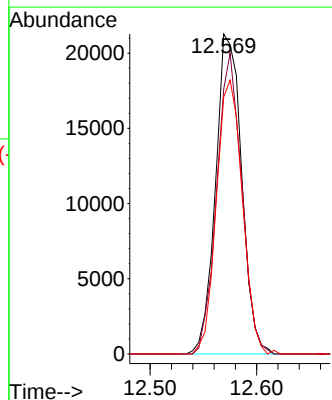
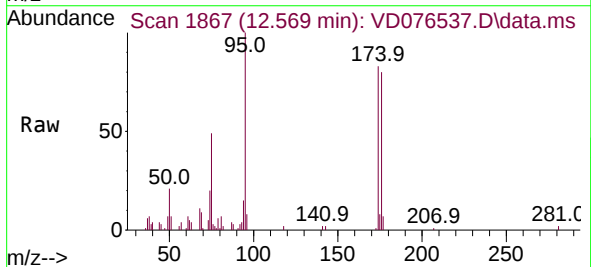
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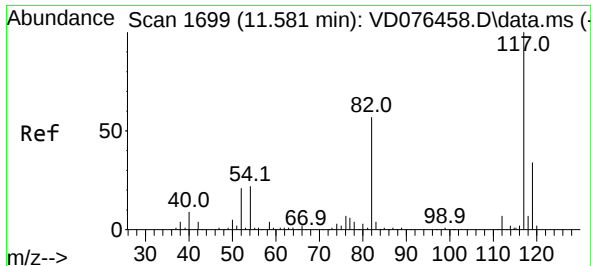
Tgt Ion: 98 Resp: 110520
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 63.682 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Tgt Ion: 95 Resp: 36120
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 85.4 0.0 191.8

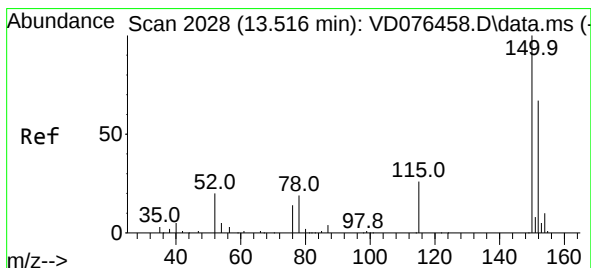
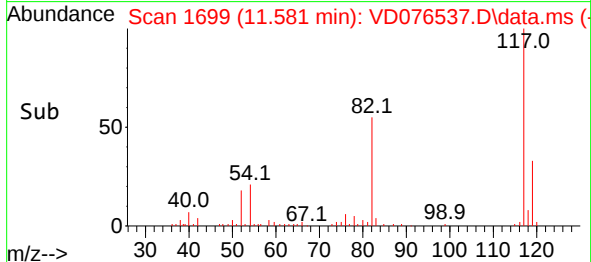
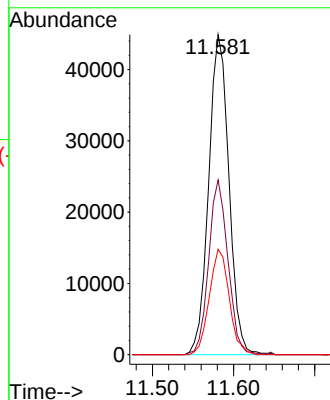
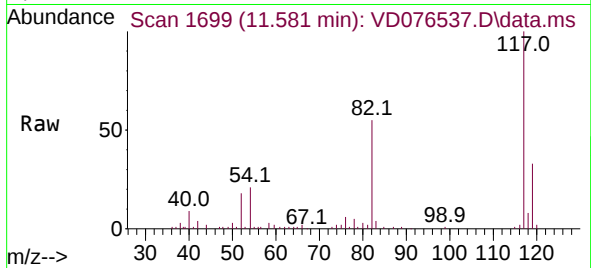




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0RE

Tgt Ion:117 Resp: 77724
Ion Ratio Lower Upper
117 100
82 54.6 38.3 57.5
119 32.9 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: VD076537.D
Acq: 22 Jun 2023 14:15

Tgt Ion:152 Resp: 33571
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 148.3 0.0 353.6

