

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078672.D
 Acq On : 14 Mar 2024 17:45
 Operator : RP/MD
 Sample : P1746-02
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.0-6.0

Quant Time: Mar 15 05:51:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	34040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	64181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	56689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16331	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30936	96.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	193.940%#
35) Dibromofluoromethane	7.805	113	29653	71.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.520%
50) Toluene-d8	10.269	98	76457	50.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.575	95	17356	39.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.080%

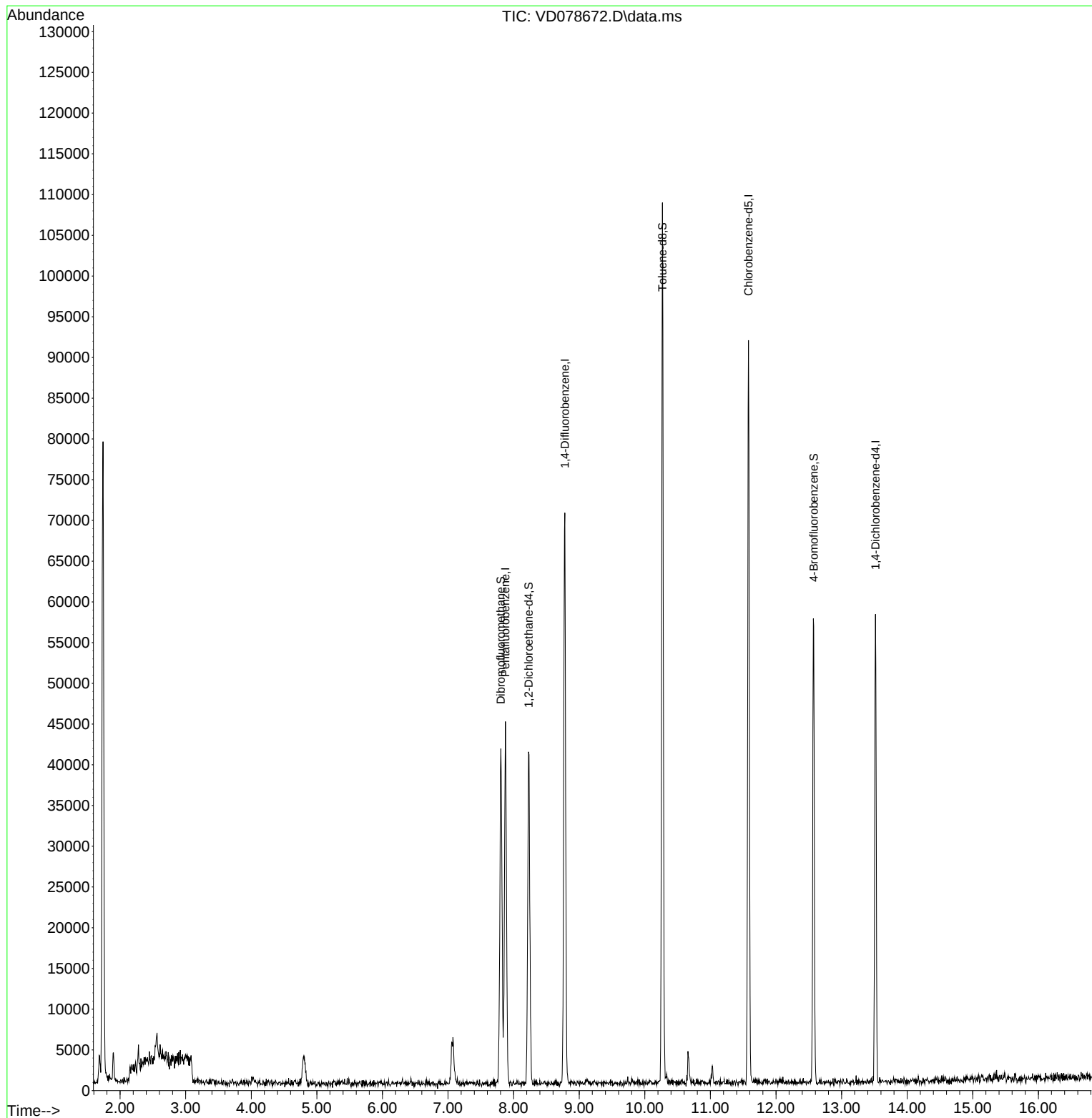
Target Compounds	Qvalue

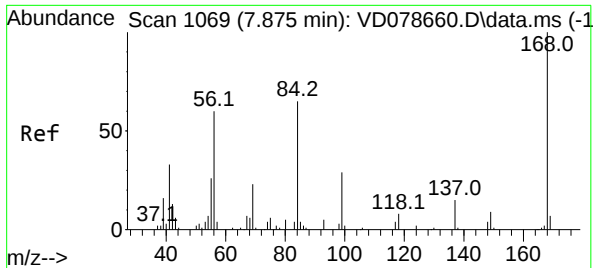
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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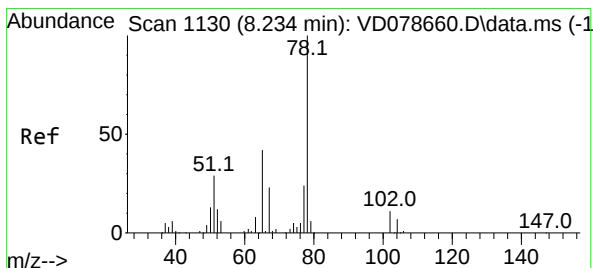
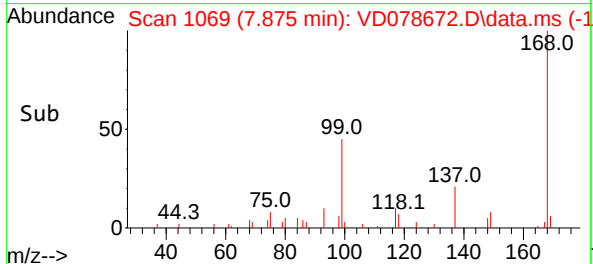
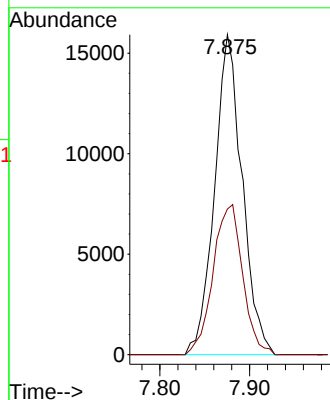
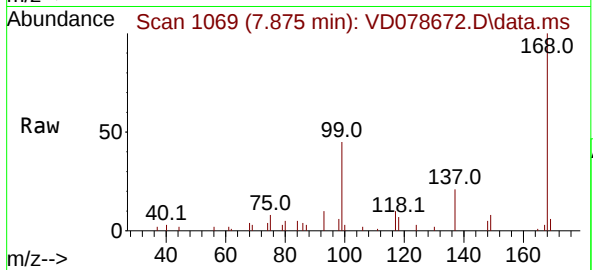




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

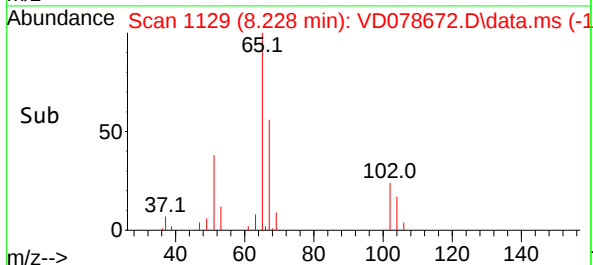
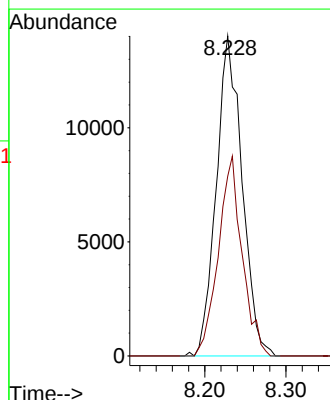
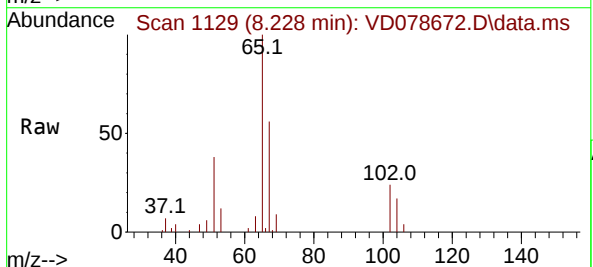
Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

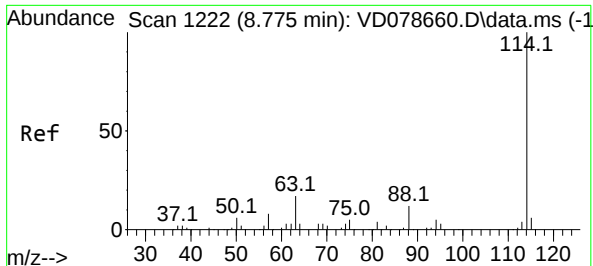
Tgt Ion:168 Resp: 34040
Ion Ratio Lower Upper
168 100
99 45.5 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 96.975 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Tgt Ion: 65 Resp: 30936
Ion Ratio Lower Upper
65 100
67 57.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078672.D

Acq: 14 Mar 2024 17:45

Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-6.0

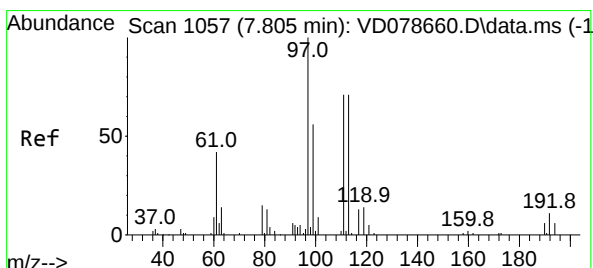
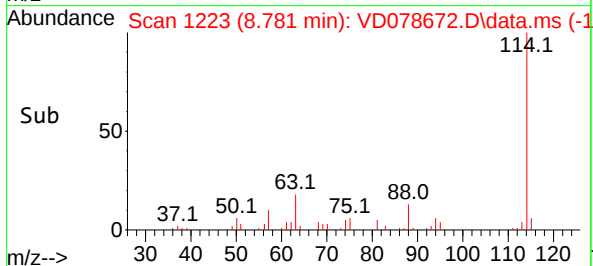
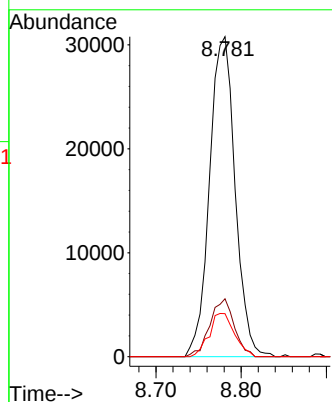
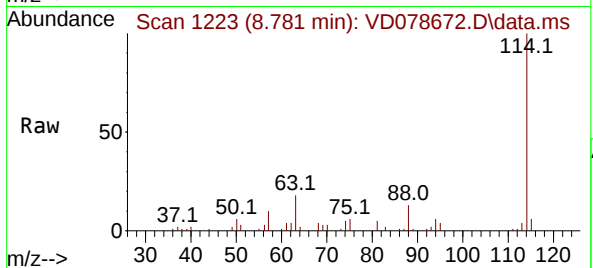
Tgt Ion:114 Resp: 64181

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.5 0.0 24.6



#35

Dibromofluoromethane

Concen: 71.759 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078672.D

Acq: 14 Mar 2024 17:45

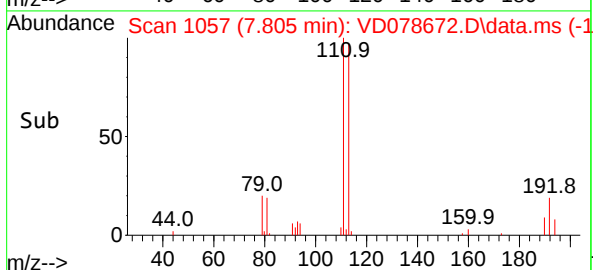
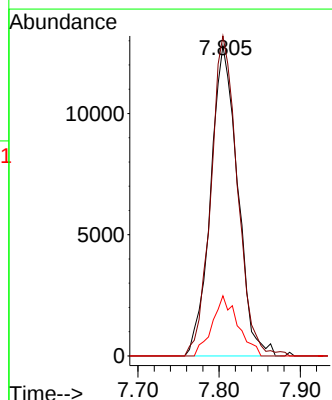
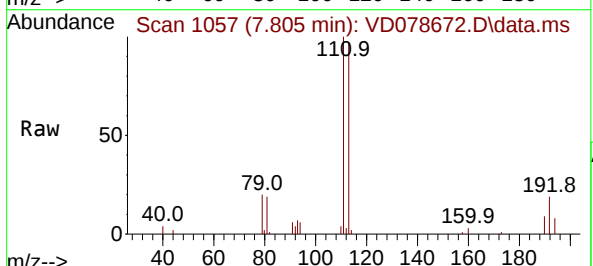
Tgt Ion:113 Resp: 29653

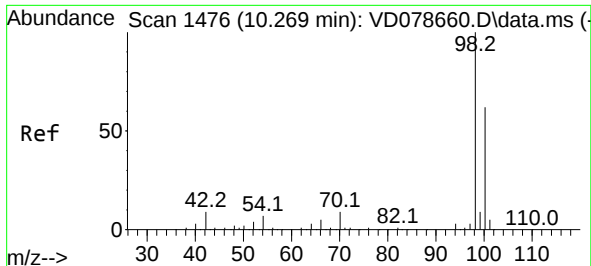
Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 18.4 15.4 23.0

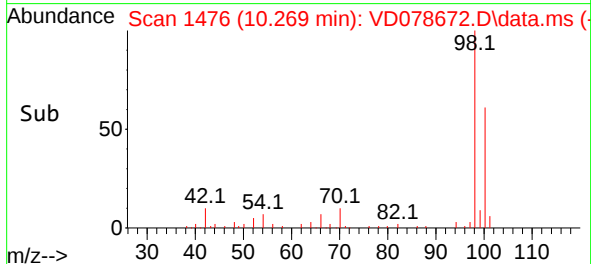
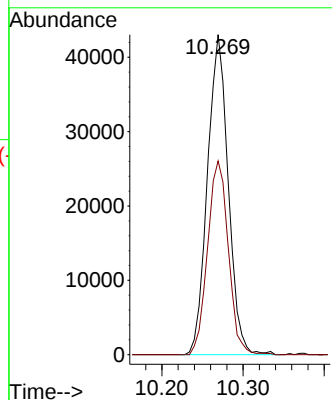
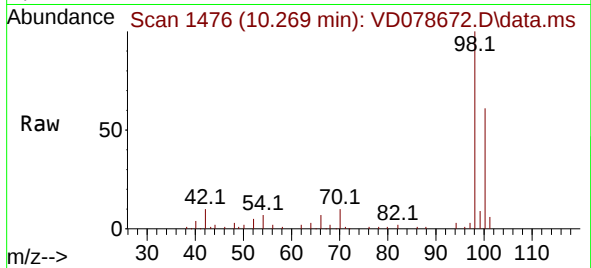




#50
Toluene-d8
Concen: 50.310 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

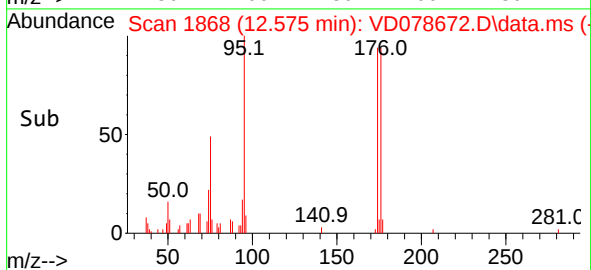
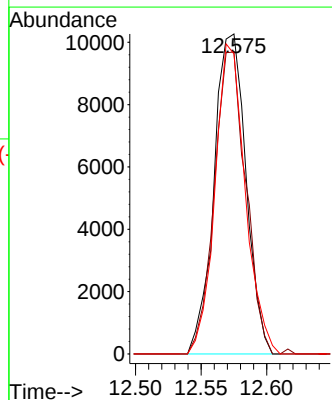
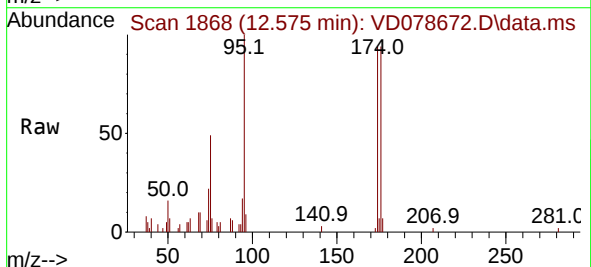
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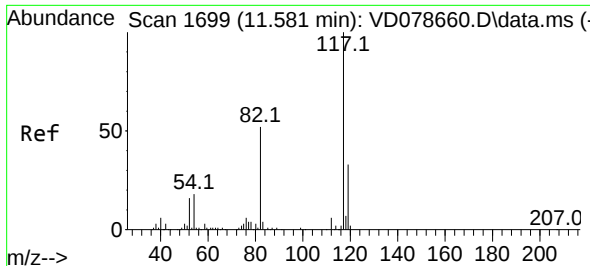
Tgt Ion: 98 Resp: 76457
Ion Ratio Lower Upper
98 100
100 60.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 39.037 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Tgt Ion: 95 Resp: 17356
Ion Ratio Lower Upper
95 100
174 93.2 0.0 195.2
176 91.9 0.0 188.2

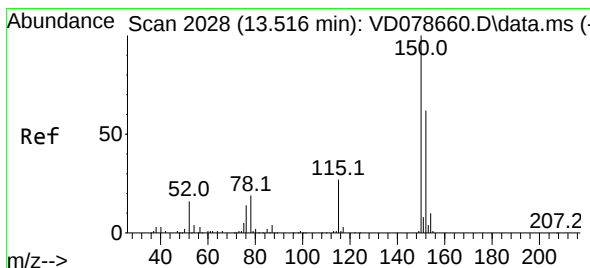
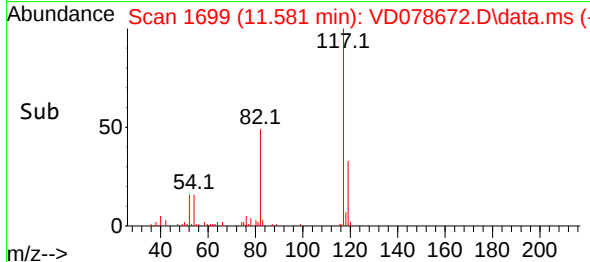
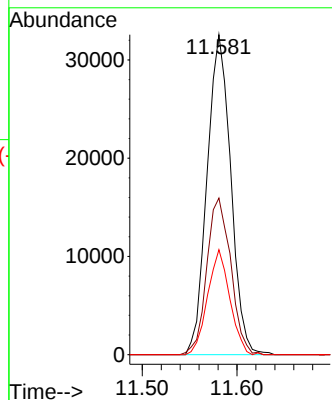
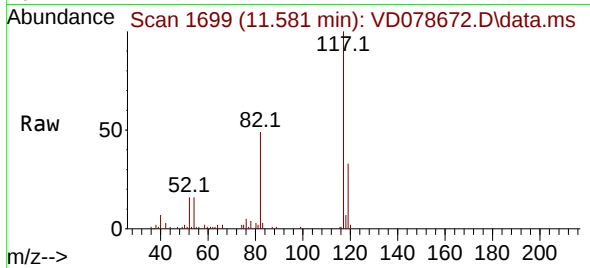




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion:117 Resp: 56689
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.2
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Tgt Ion:152 Resp: 16331
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.2
150 154.3 0.0 350.2

