

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078227.D
 Acq On : 24 Jan 2024 17:05
 Operator : RP/MD
 Sample : P1234-02
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 293

Quant Time: Jan 25 00:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	276713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71061	49.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.060%
35) Dibromofluoromethane	7.810	113	84719	46.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.040%
50) Toluene-d8	10.269	98	359686	49.880	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.575	95	105885	50.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.260%

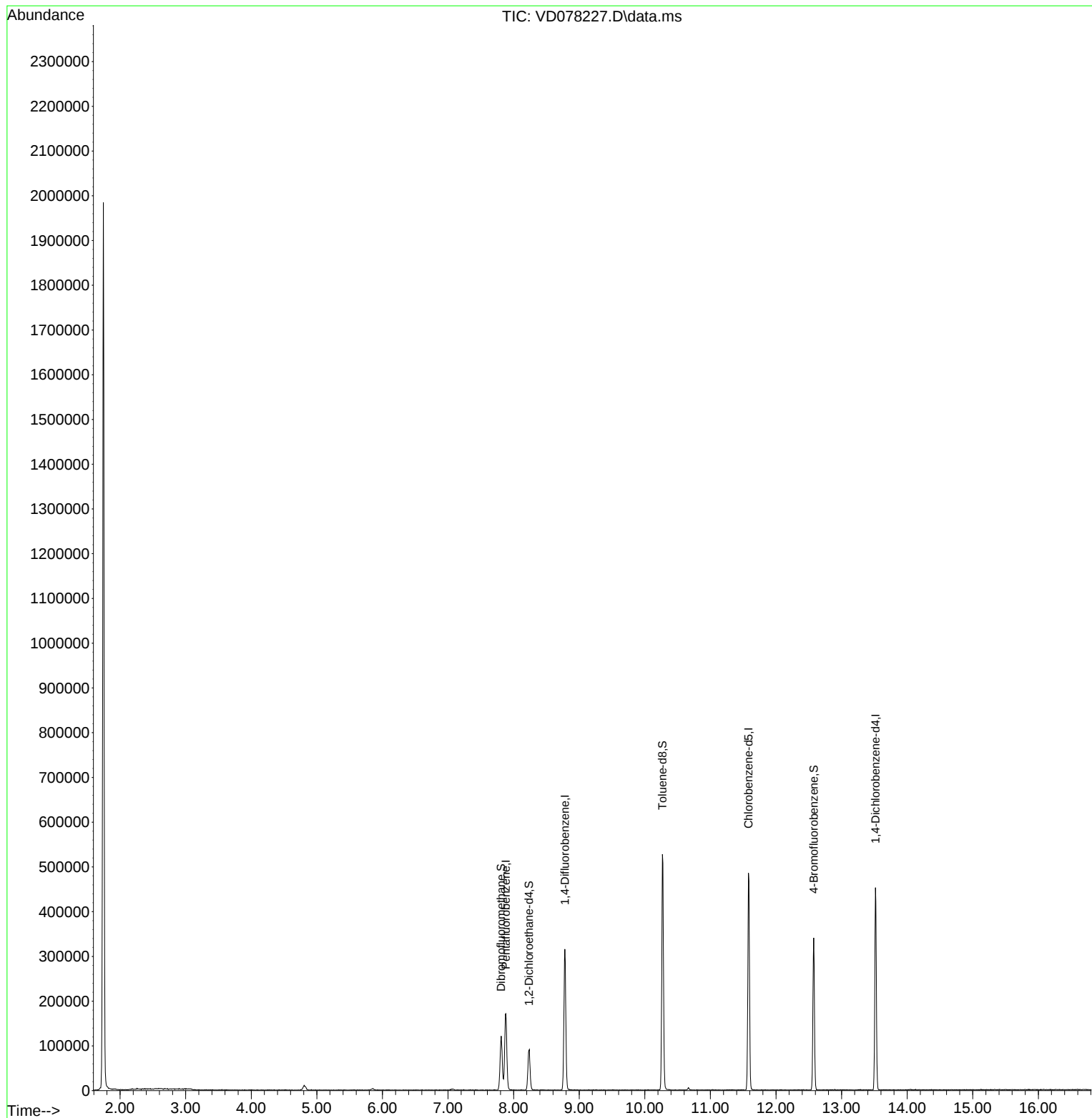
Target Compounds	Qvalue

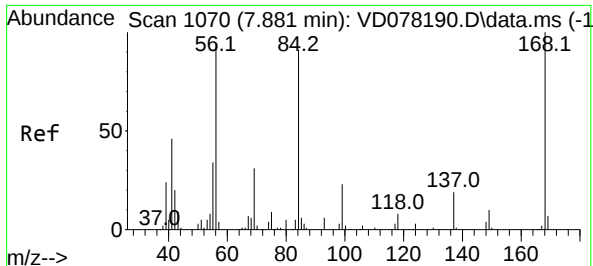
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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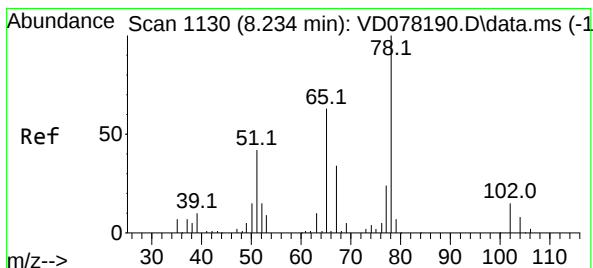
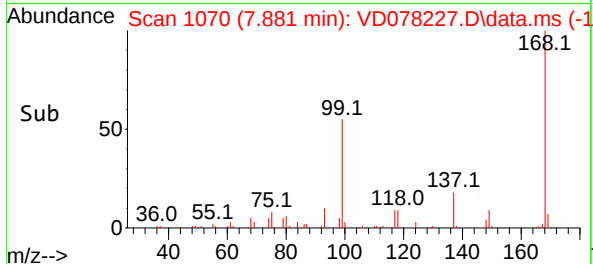
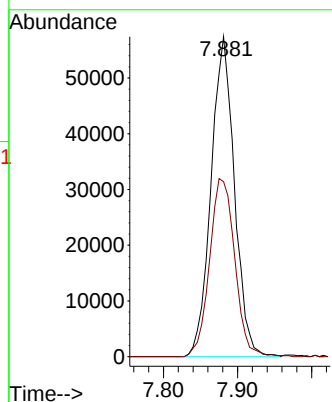
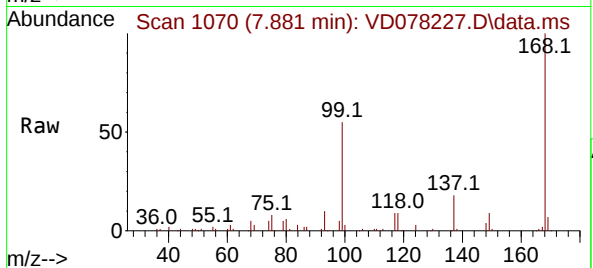




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078227.D
Acq: 24 Jan 2024 17:05

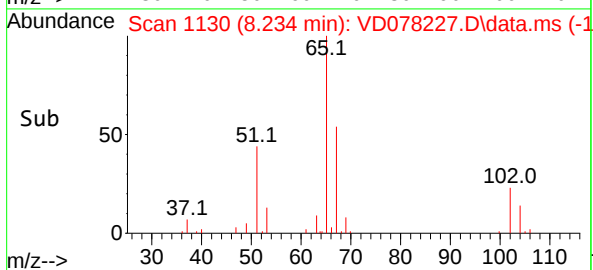
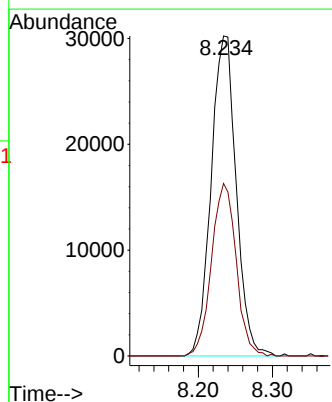
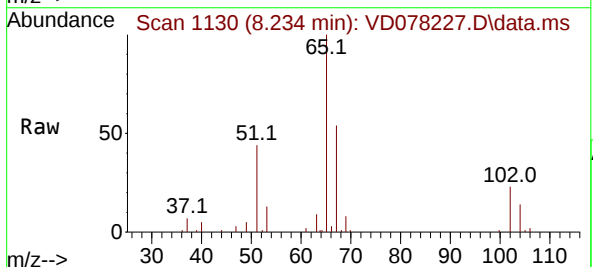
Instrument :
MSVOA_D
ClientSampleId :
293

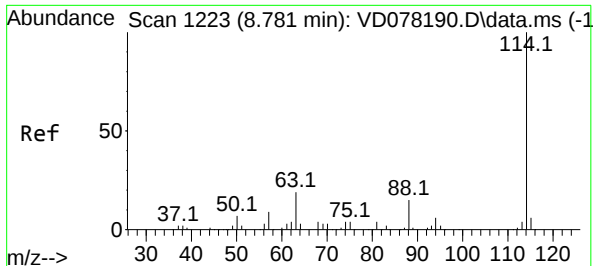
Tgt Ion:168 Resp: 125663
Ion Ratio Lower Upper
168 100
99 54.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 49.535 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078227.D
Acq: 24 Jan 2024 17:05

Tgt Ion: 65 Resp: 71061
Ion Ratio Lower Upper
65 100
67 53.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078227.D

Acq: 24 Jan 2024 17:05

Instrument :

MSVOA_D

ClientSampleId :

293

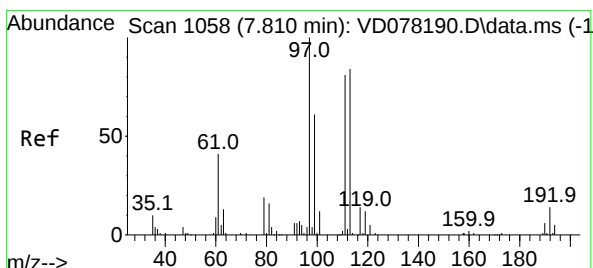
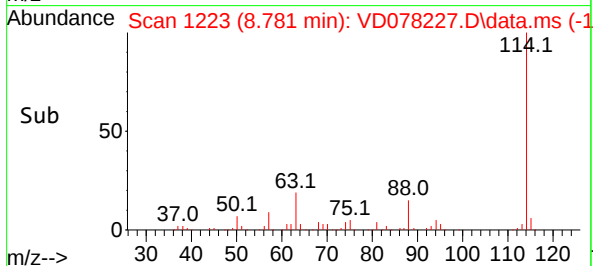
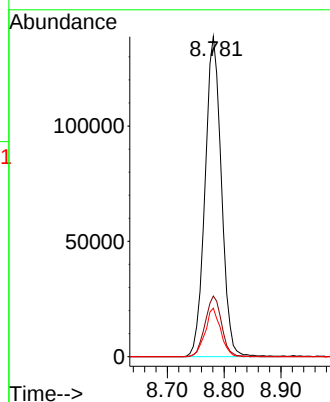
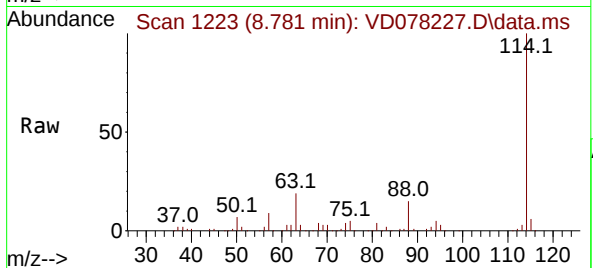
Tgt Ion:114 Resp: 276713

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 15.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.520 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078227.D

Acq: 24 Jan 2024 17:05

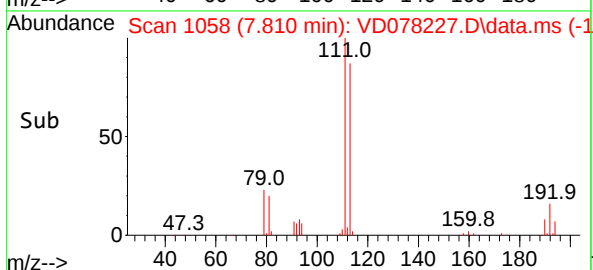
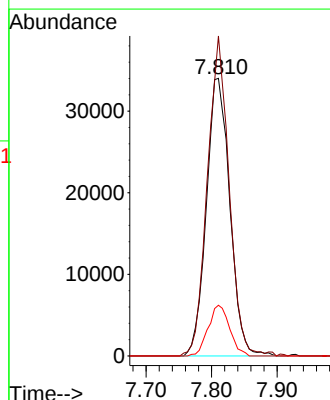
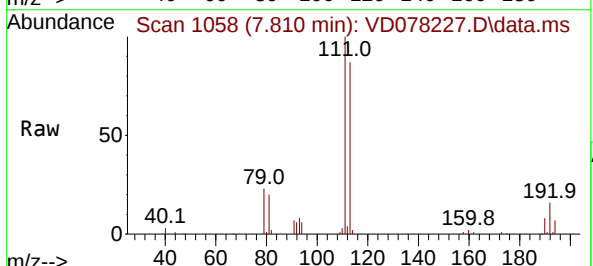
Tgt Ion:113 Resp: 84719

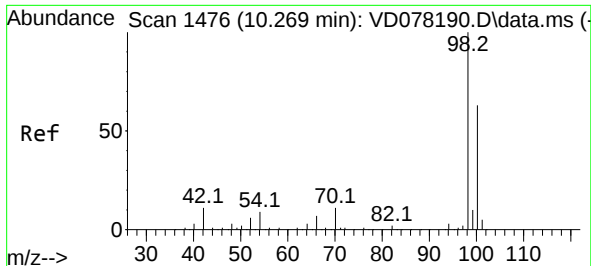
Ion Ratio Lower Upper

113 100

111 106.7 84.7 127.1

192 16.7 16.8 25.2#

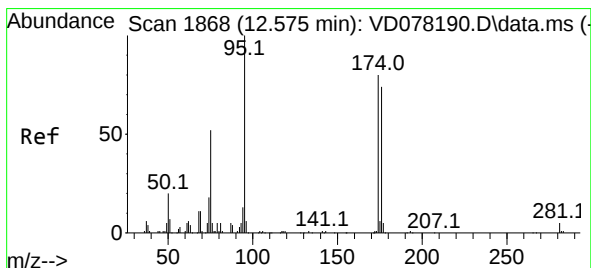
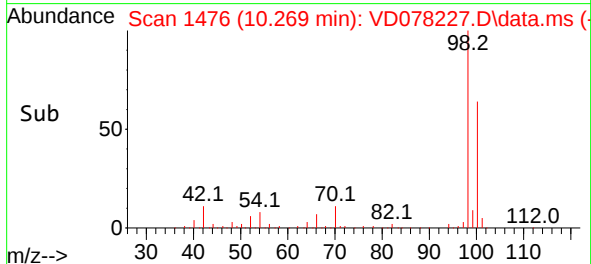
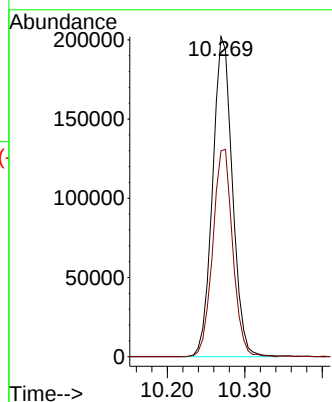
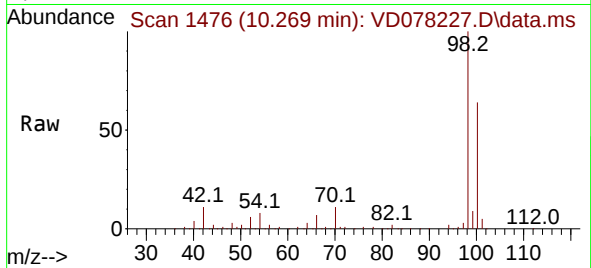




#50
Toluene-d8
Concen: 49.880 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078227.D
Acq: 24 Jan 2024 17:05

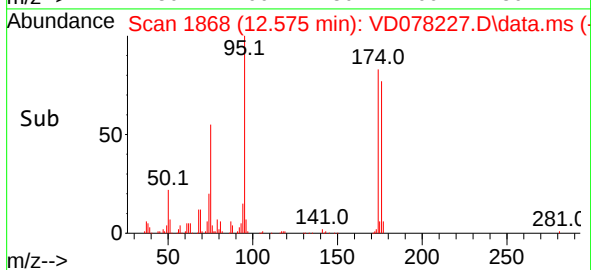
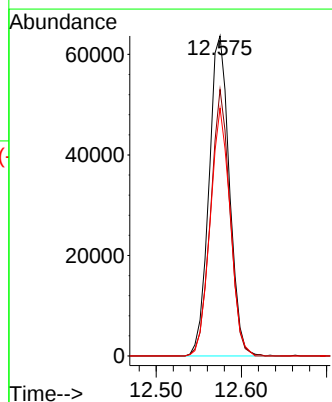
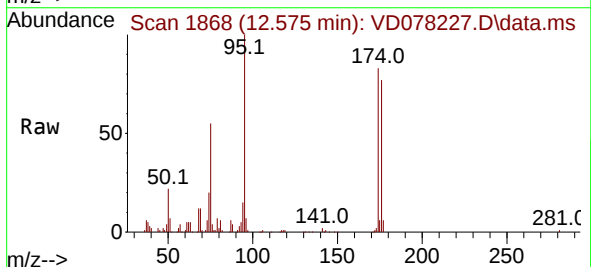
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293

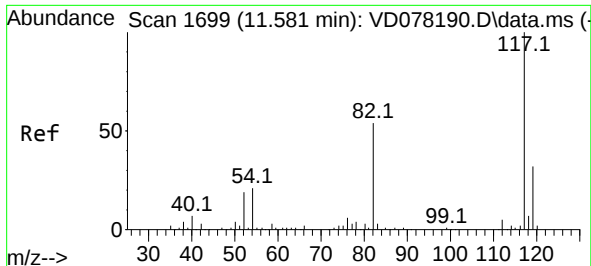
Tgt Ion: 98 Resp: 359686
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.633 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078227.D
Acq: 24 Jan 2024 17:05

Tgt Ion: 95 Resp: 105885
Ion Ratio Lower Upper
95 100
174 79.1 0.0 201.8
176 76.0 0.0 191.8

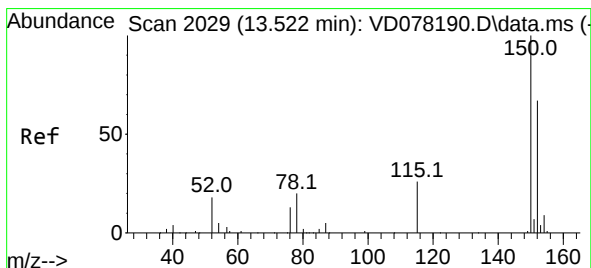
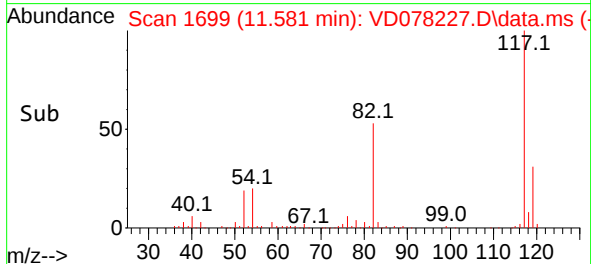
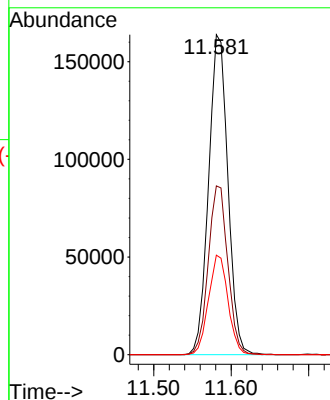
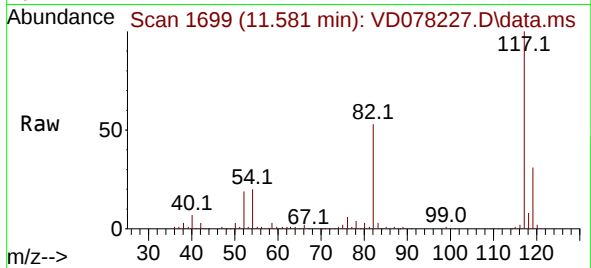




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078227.D
Acq: 24 Jan 2024 17:05

Instrument :
MSVOA_D
ClientSampleId :
293

Tgt Ion:117 Resp: 282873
Ion Ratio Lower Upper
117 100
82 52.8 38.3 57.5
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078227.D
Acq: 24 Jan 2024 17:05

Tgt Ion:152 Resp: 114565
Ion Ratio Lower Upper
152 100
115 59.8 27.1 81.3
150 159.1 0.0 353.6

