

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078630.D
 Acq On : 11 Mar 2024 15:16
 Operator : RP/MD
 Sample : P1725-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3860

Quant Time: Mar 12 01:38:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	93877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39771	42.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.480%
35) Dibromofluoromethane	7.805	113	62875	48.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.260%
50) Toluene-d8	10.269	98	255391	50.315	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.569	95	100067	69.024	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	138.040%

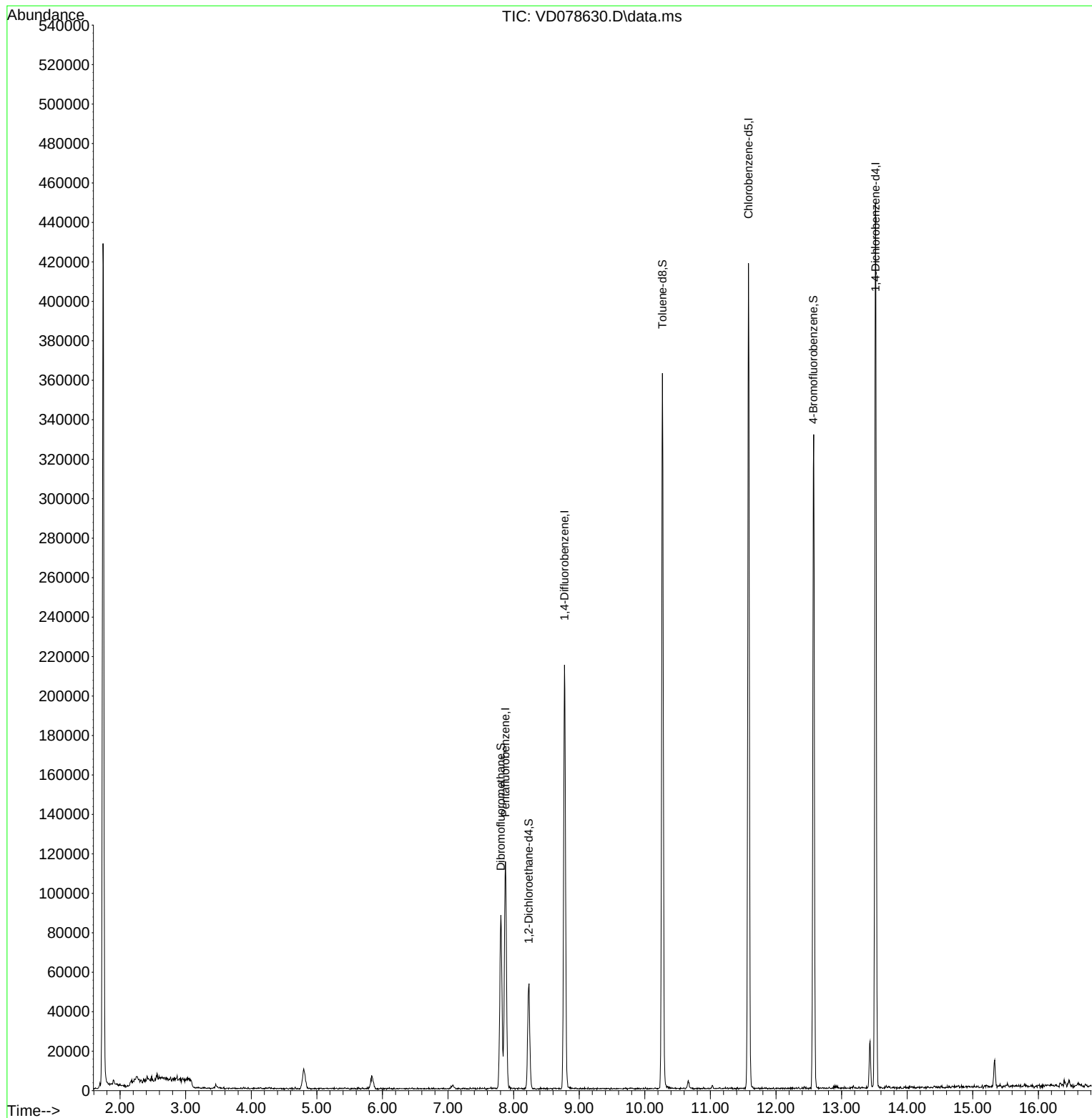
Target Compounds	Qvalue

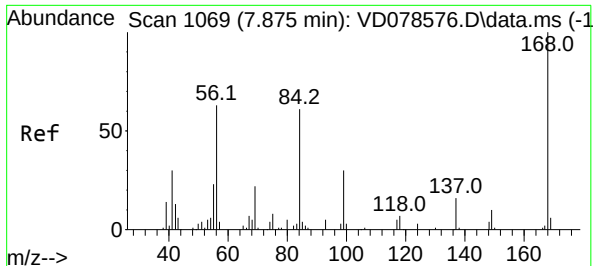
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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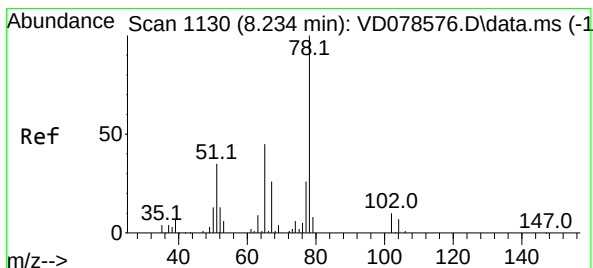
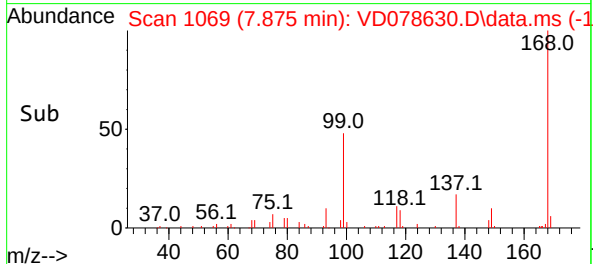
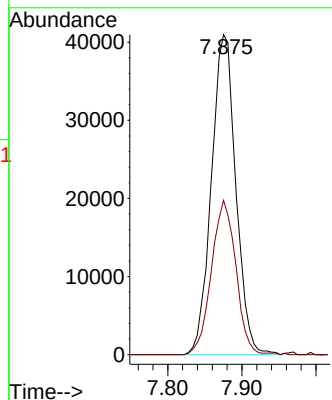
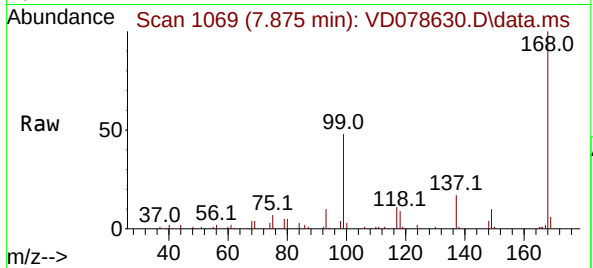




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078630.D
Acq: 11 Mar 2024 15:16

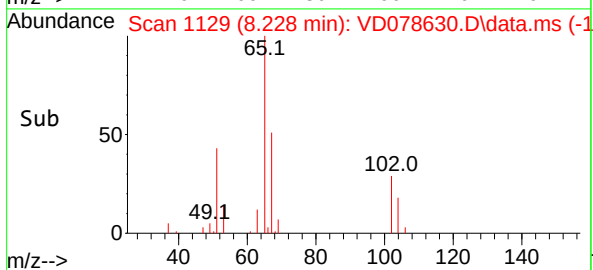
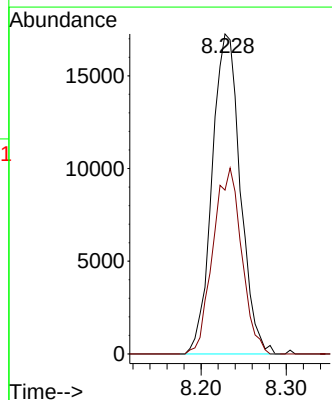
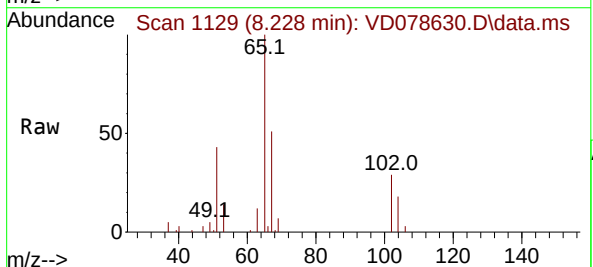
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

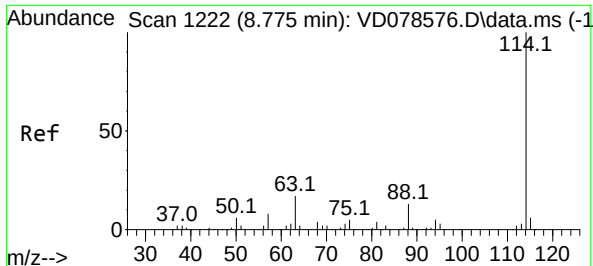
Tgt Ion:168 Resp: 93877
Ion Ratio Lower Upper
168 100
99 48.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 42.737 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078630.D
Acq: 11 Mar 2024 15:16

Tgt Ion: 65 Resp: 39771
Ion Ratio Lower Upper
65 100
67 58.8 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: VD078630.D

Acq: 11 Mar 2024 15:16

Instrument :

MSVOA_D

ClientSampleId :

RT-3860

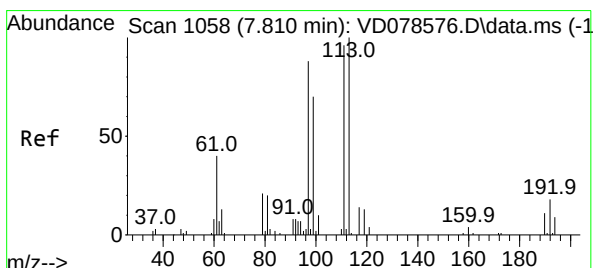
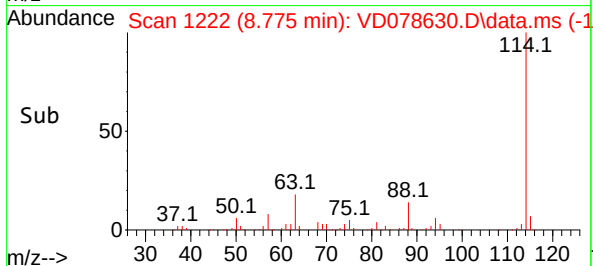
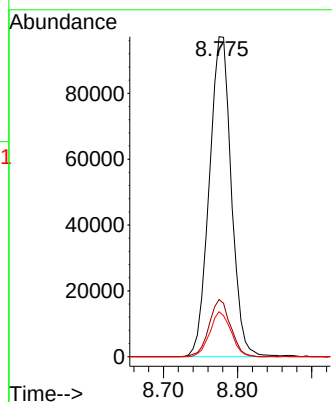
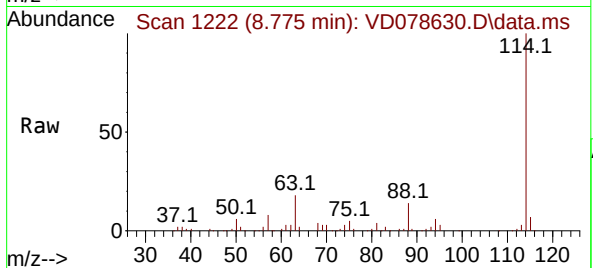
Tgt Ion:114 Resp: 200808

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.134 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078630.D

Acq: 11 Mar 2024 15:16

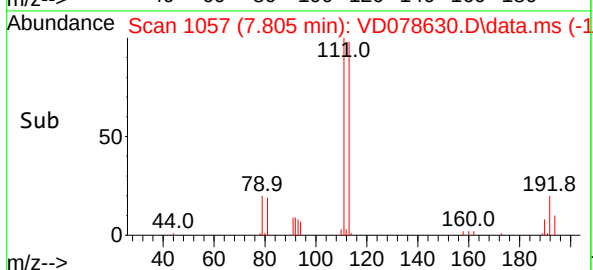
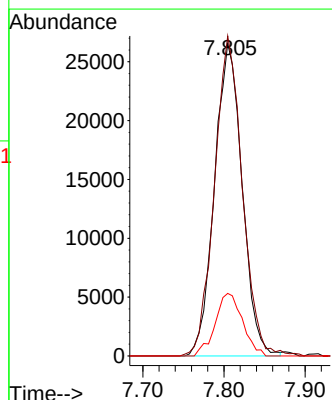
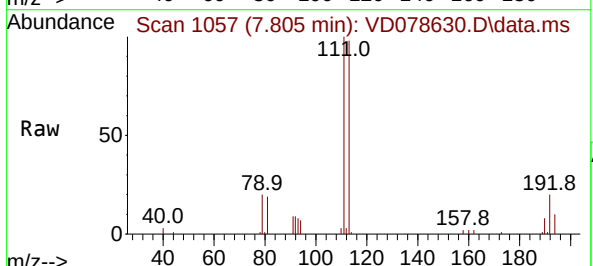
Tgt Ion:113 Resp: 62875

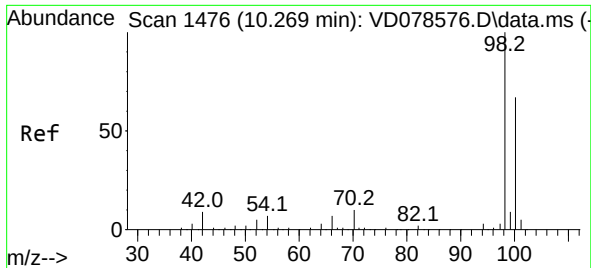
Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 19.8 16.8 25.2

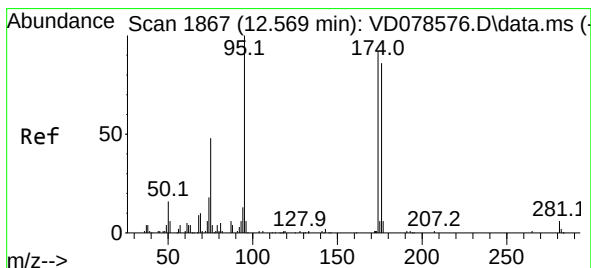
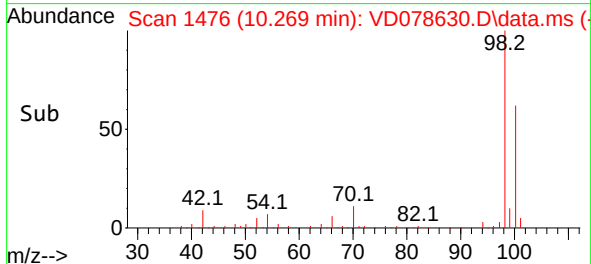
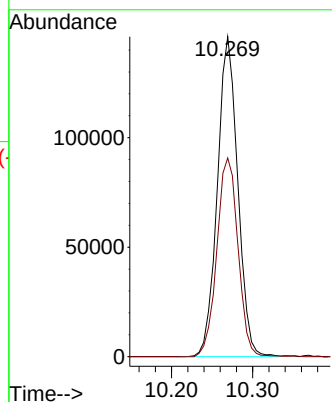
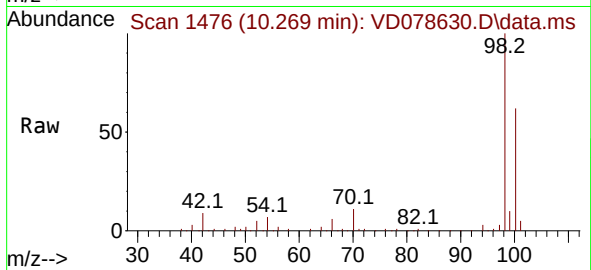




#50
Toluene-d8
Concen: 50.315 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078630.D
Acq: 11 Mar 2024 15:16

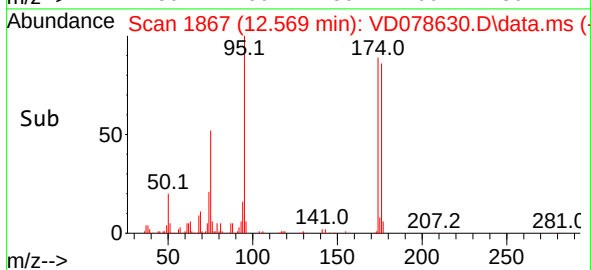
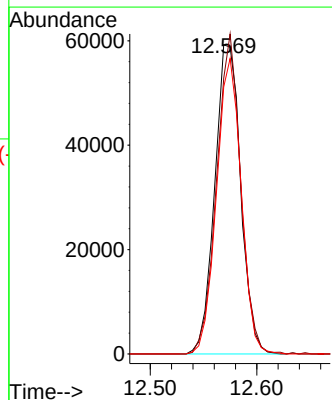
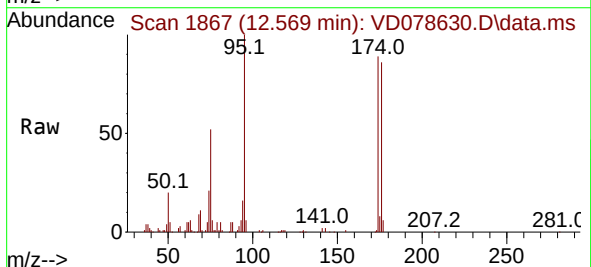
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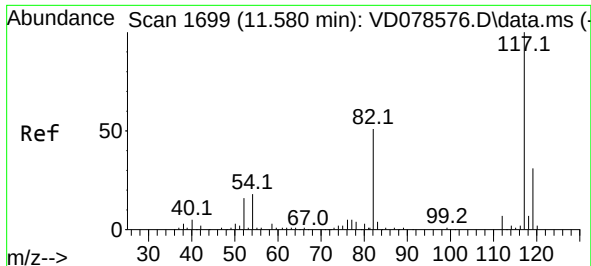
Tgt Ion: 98 Resp: 255391
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 69.024 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078630.D
Acq: 11 Mar 2024 15:16

Tgt Ion: 95 Resp: 100067
Ion Ratio Lower Upper
95 100
174 96.3 0.0 201.8
176 91.0 0.0 191.8

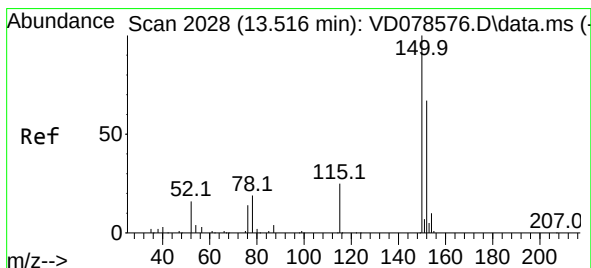
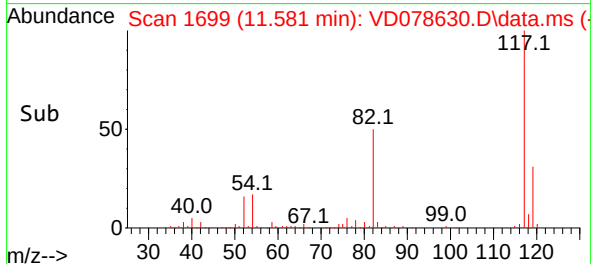
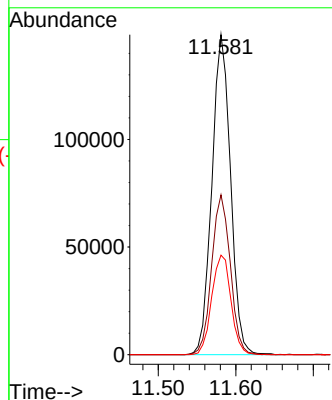
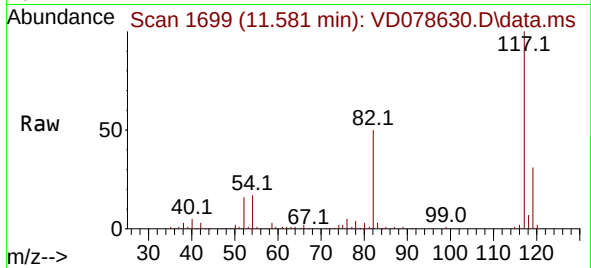




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078630.D
Acq: 11 Mar 2024 15:16

Instrument :
MSVOA_D
ClientSampleId :
RT-3860

Tgt Ion:117 Resp: 248973
Ion Ratio Lower Upper
117 100
82 49.9 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. 0.000 min
Lab File: VD078630.D
Acq: 11 Mar 2024 15:16

Tgt Ion:152 Resp: 125108
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.3
150 156.1 0.0 353.6

