

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078742.D
 Acq On : 22 Mar 2024 14:55
 Operator : RP/MD
 Sample : P1829-01
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-031224

Quant Time: Mar 22 23:20:43 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	7.881	168	127473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52466	43.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.840%
35) Dibromofluoromethane	7.804	113	74717	47.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.269	98	306944	52.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.800%
62) 4-Bromofluorobenzene	12.575	95	71086	41.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.760%

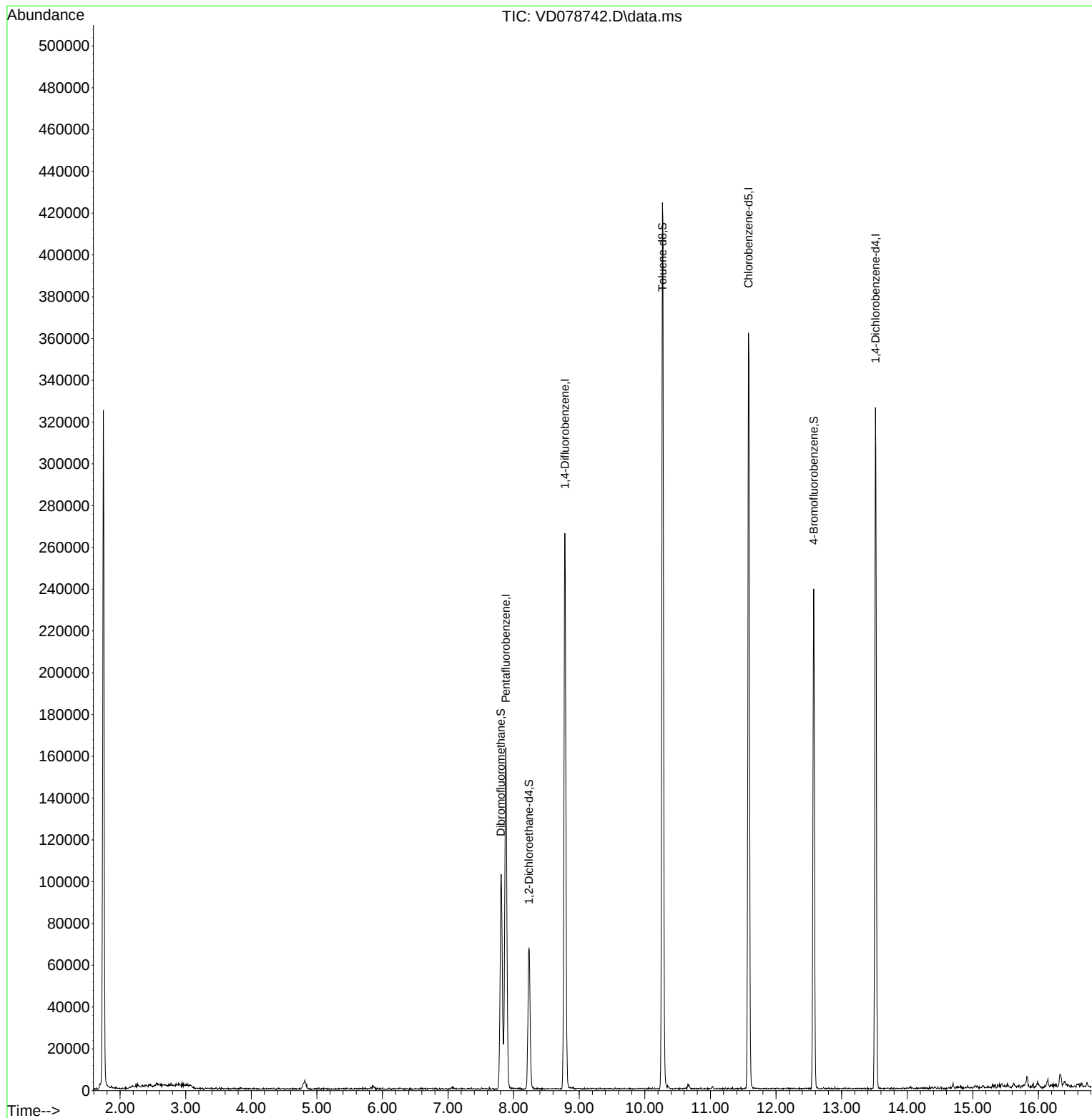
Target Compounds	Qvalue

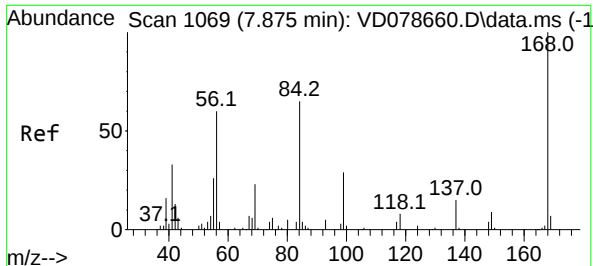
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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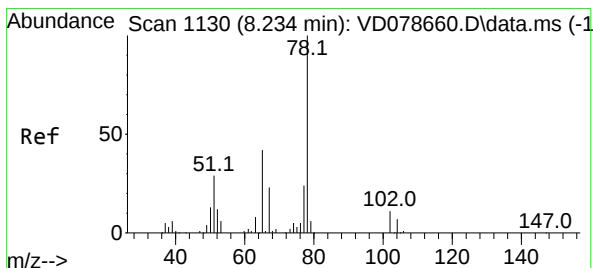
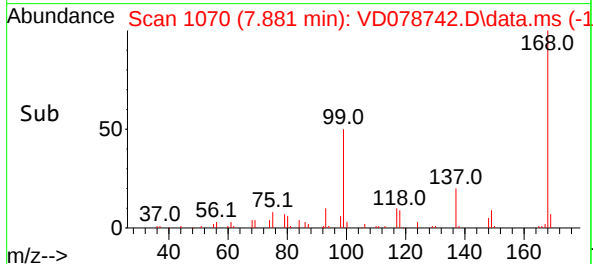
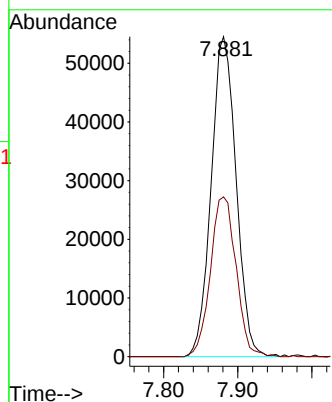
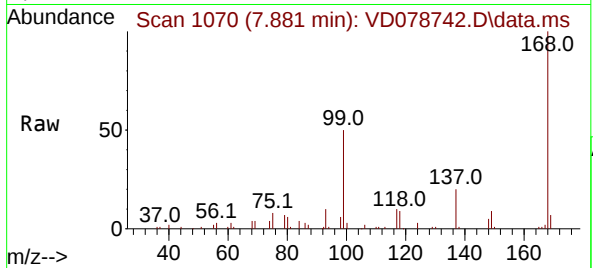




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

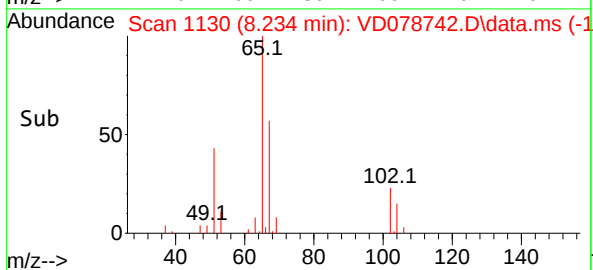
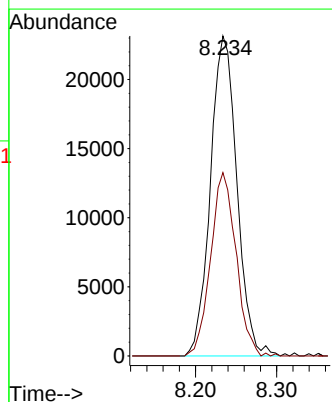
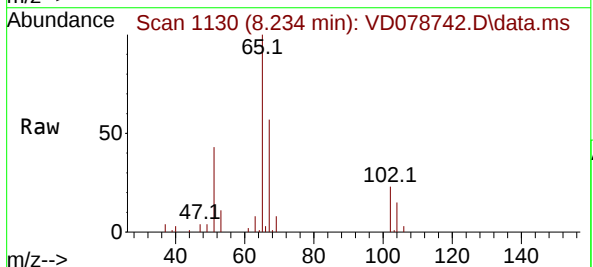
Instrument :
MSVOA_D
ClientSampleId :
TR-05-031224

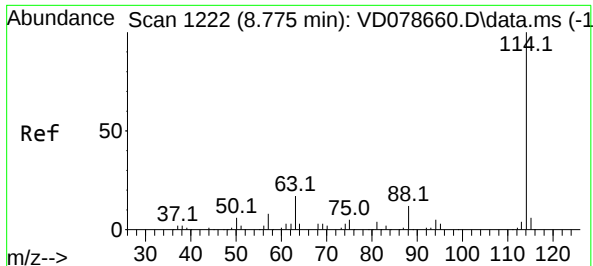
Tgt Ion:168 Resp: 127473
Ion Ratio Lower Upper
168 100
99 50.0 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 43.918 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Tgt Ion: 65 Resp: 52466
Ion Ratio Lower Upper
65 100
67 55.0 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: VD078742.D

Acq: 22 Mar 2024 14:55

Instrument :

MSVOA_D

ClientSampleId :

TR-05-031224

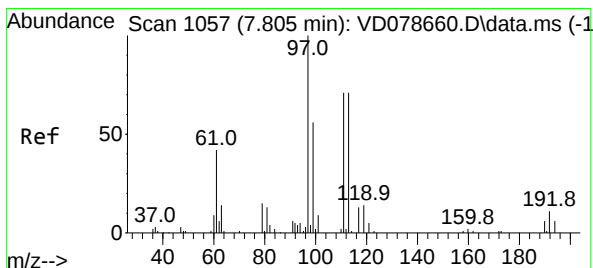
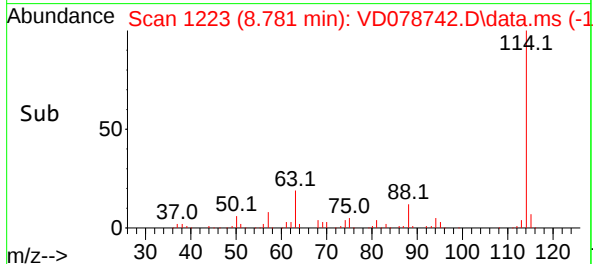
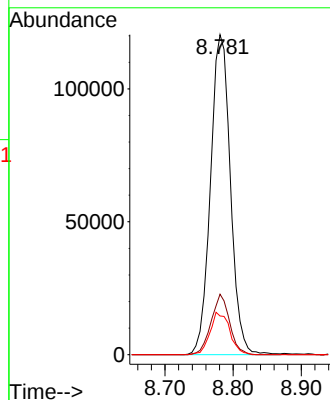
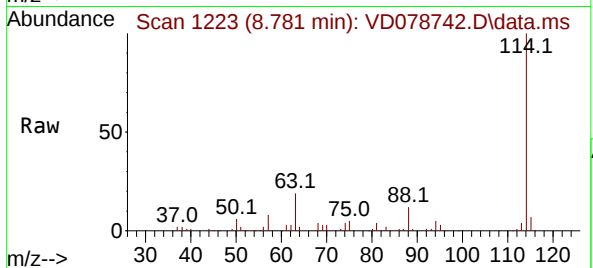
Tgt Ion:114 Resp: 245039

Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 12.1 0.0 24.6



#35

Dibromofluoromethane

Concen: 47.359 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078742.D

Acq: 22 Mar 2024 14:55

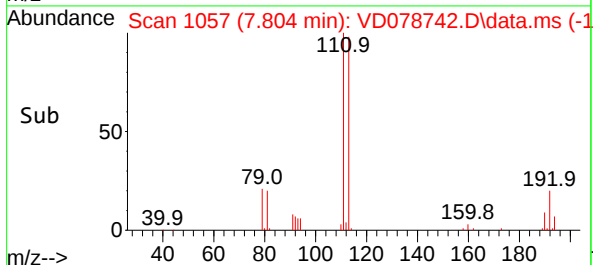
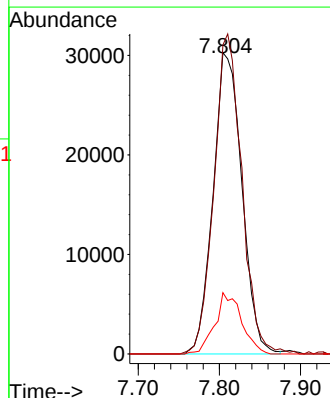
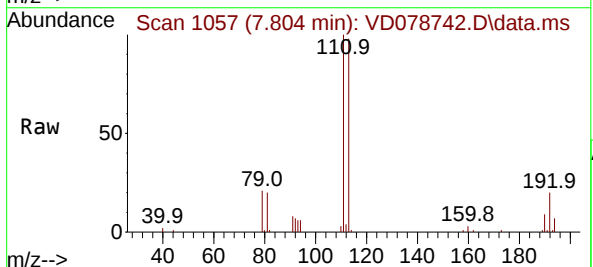
Tgt Ion:113 Resp: 74717

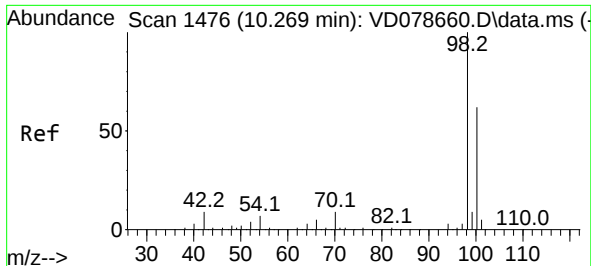
Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 18.8 15.4 23.0

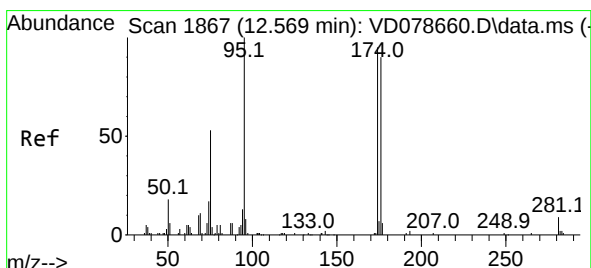
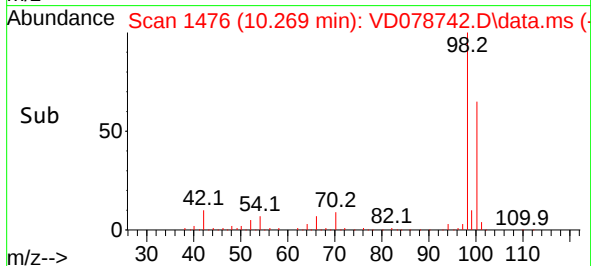
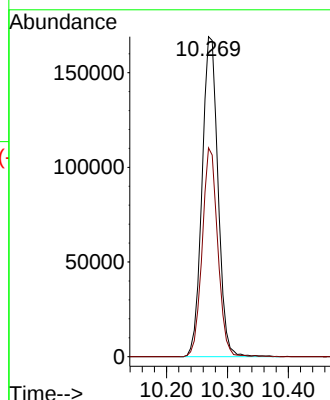
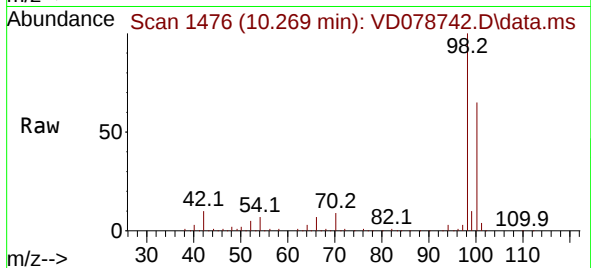




#50
Toluene-d8
Concen: 52.901 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

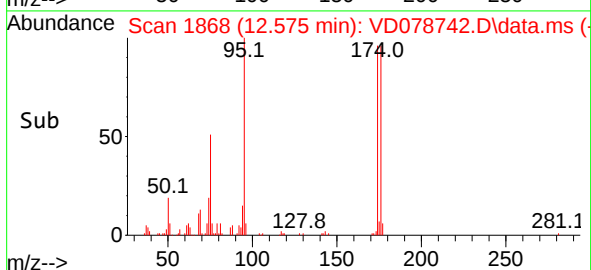
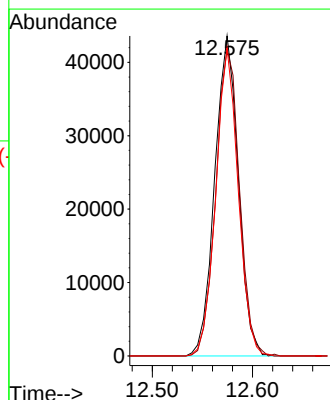
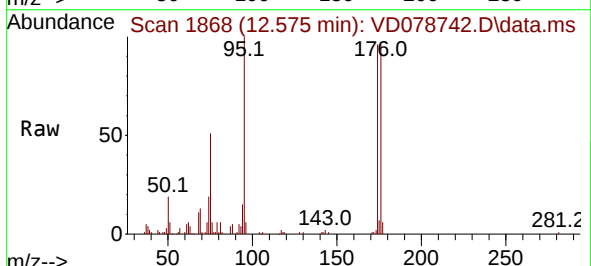
Instrument :
MSVOA_D
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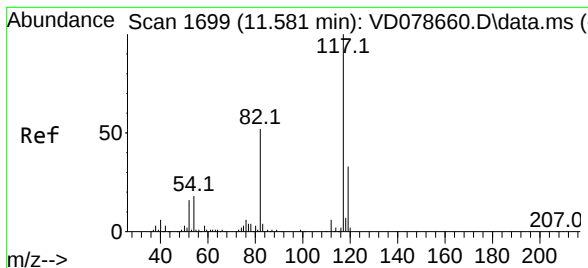
Tgt Ion: 98 Resp: 306944
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 41.878 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Tgt Ion: 95 Resp: 71086
Ion Ratio Lower Upper
95 100
174 96.4 0.0 195.2
176 91.4 0.0 188.2

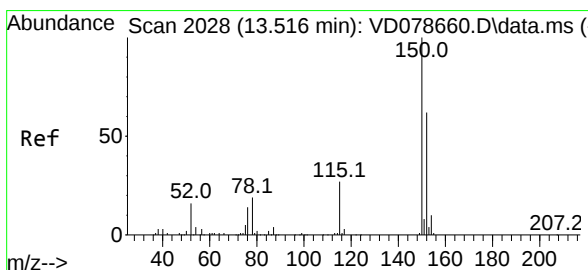
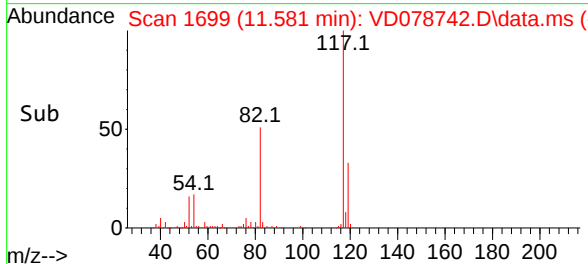
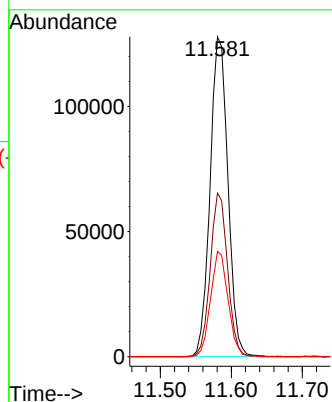
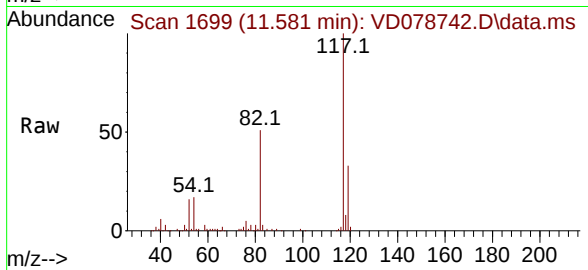




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Instrument :
MSVOA_D
ClientSampleId :
TR-05-031224

Tgt Ion:117 Resp: 222666
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 32.9 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: VD078742.D
Acq: 22 Mar 2024 14:55

Tgt Ion:152 Resp: 91842
Ion Ratio Lower Upper
152 100
115 52.1 27.1 81.2
150 152.4 0.0 350.2

