

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078250.D
 Acq On : 25 Jan 2024 16:51
 Operator : RP/MD
 Sample : P1242-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-012424

Quant Time: Jan 26 14:41:26 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	7.875	168	6747	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	13472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15150	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5452	70.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.560%
35) Dibromofluoromethane	7.810	113	4933	55.637	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.280%
50) Toluene-d8	10.269	98	17328	49.357	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.575	95	5398	53.019	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.040%

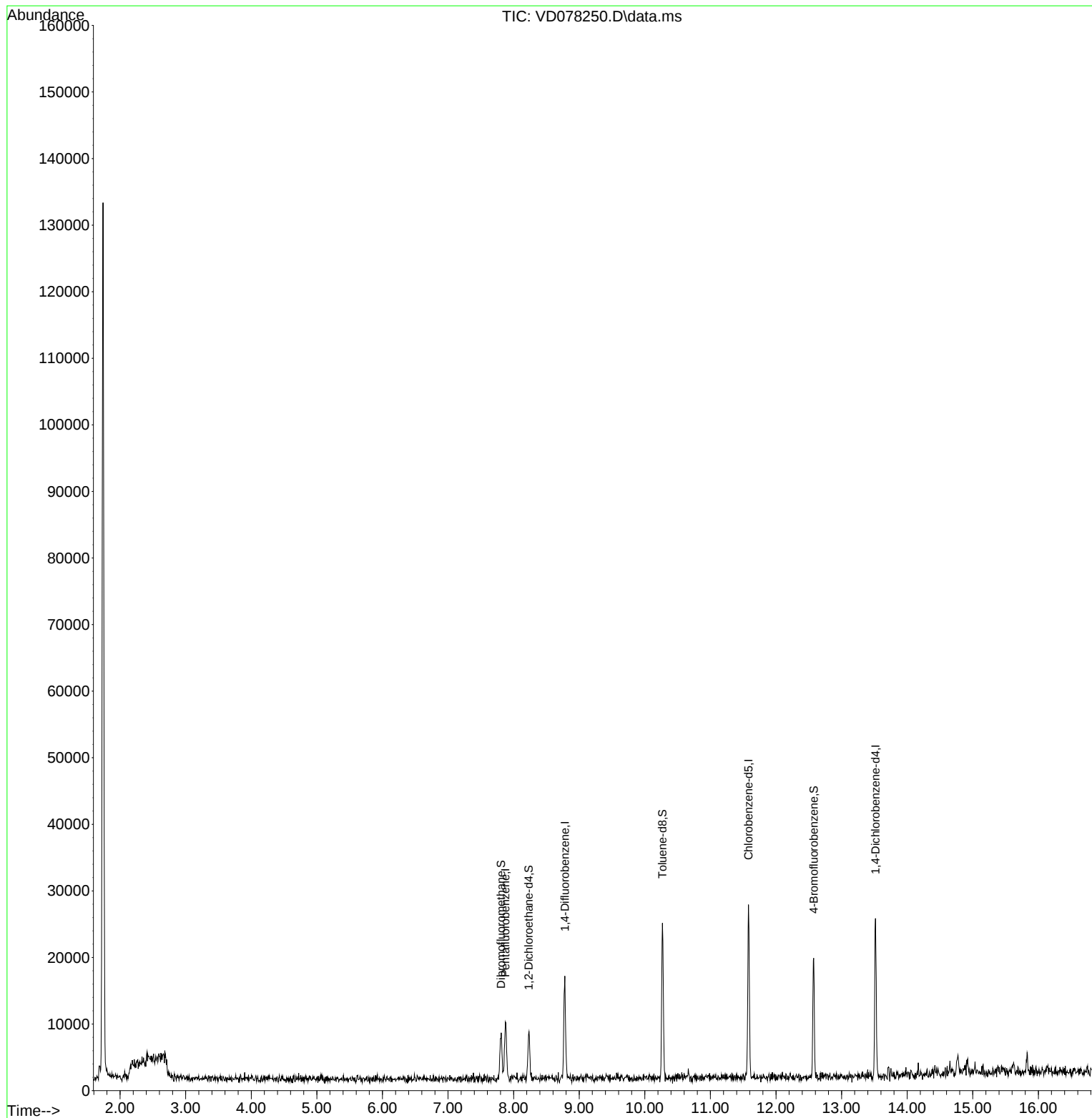
Target Compounds	Qvalue

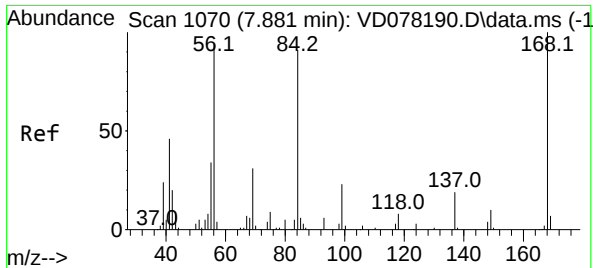
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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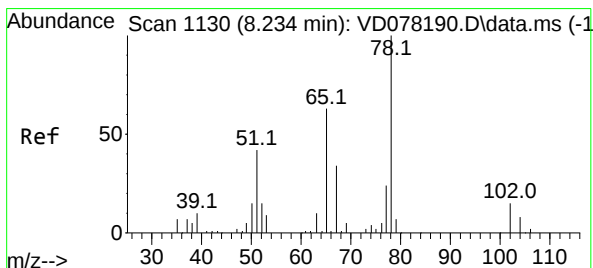
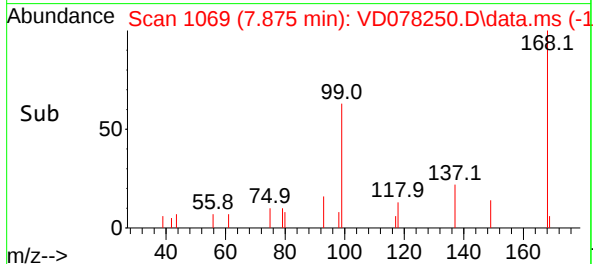
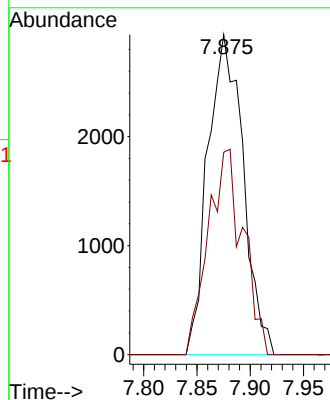
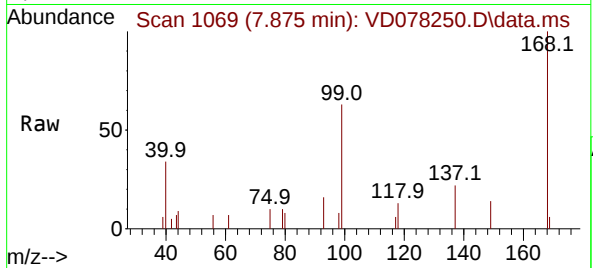




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078250.D
Acq: 25 Jan 2024 16:51

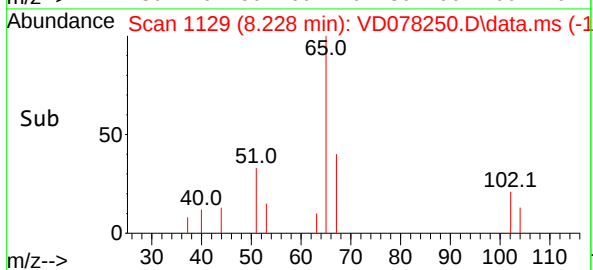
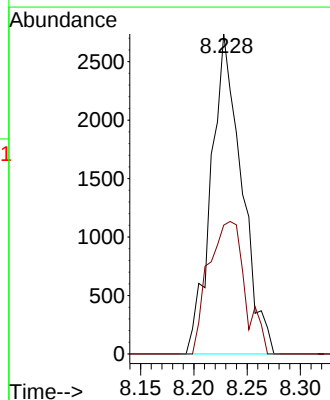
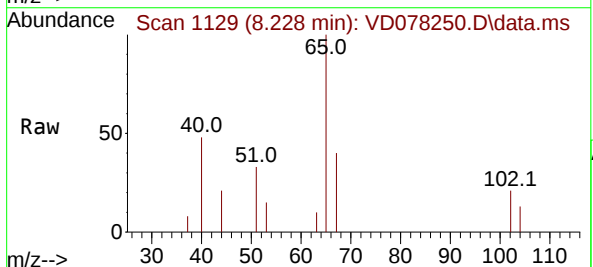
Instrument :
MSVOA_D
ClientSampleId :
TR-04-012424

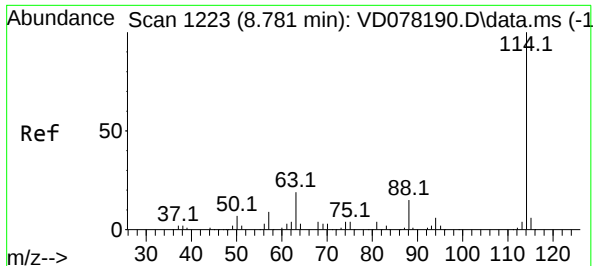
Tgt Ion:168 Resp: 6747
Ion Ratio Lower Upper
168 100
99 63.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 70.784 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078250.D
Acq: 25 Jan 2024 16:51

Tgt Ion: 65 Resp: 5452
Ion Ratio Lower Upper
65 100
67 49.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078250.D

Acq: 25 Jan 2024 16:51

Instrument :

MSVOA_D

ClientSampleId :

TR-04-012424

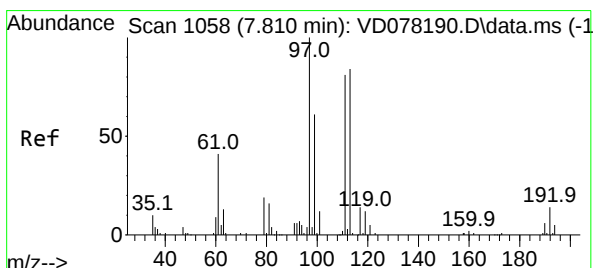
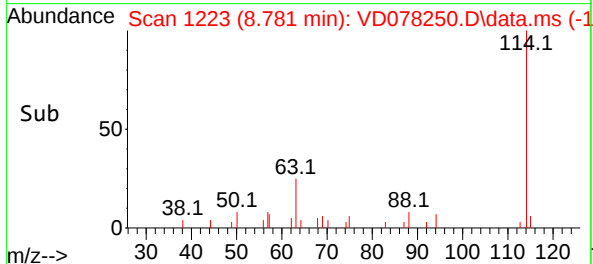
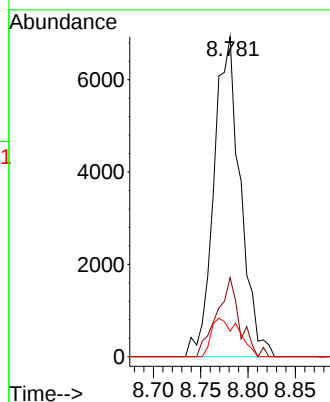
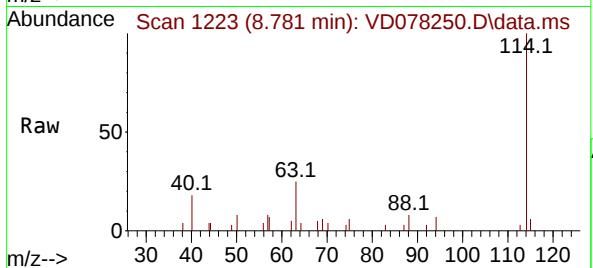
Tgt Ion:114 Resp: 13472

Ion Ratio Lower Upper

114 100

63 24.7 0.0 33.4

88 8.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 55.637 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078250.D

Acq: 25 Jan 2024 16:51

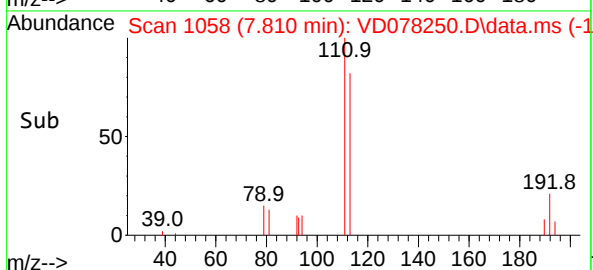
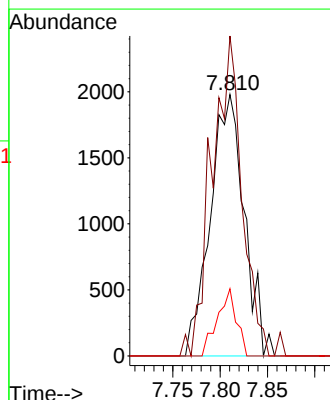
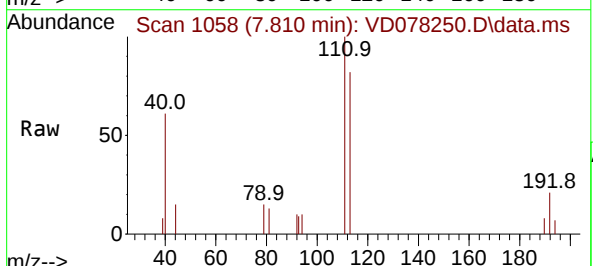
Tgt Ion:113 Resp: 4933

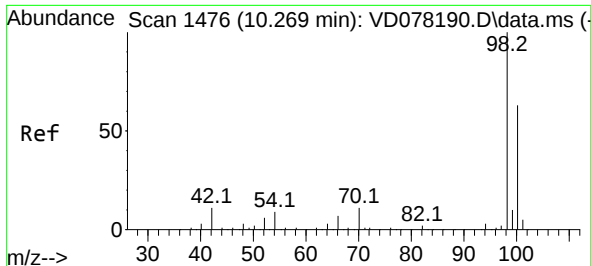
Ion Ratio Lower Upper

113 100

111 108.4 84.7 127.1

192 14.5 16.8 25.2#

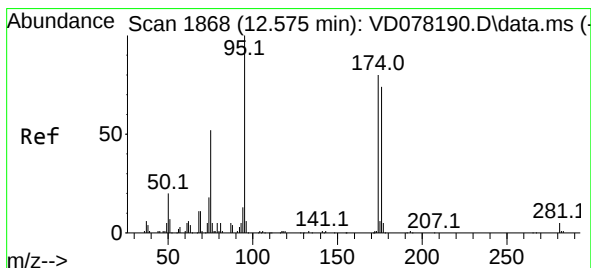
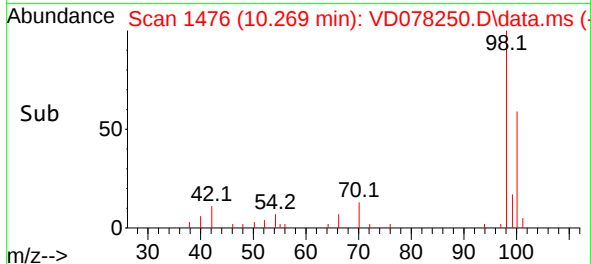
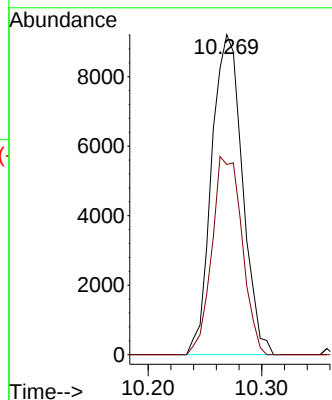
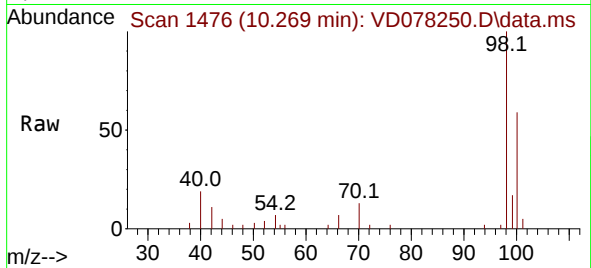




#50
Toluene-d8
Concen: 49.357 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078250.D
Acq: 25 Jan 2024 16:51

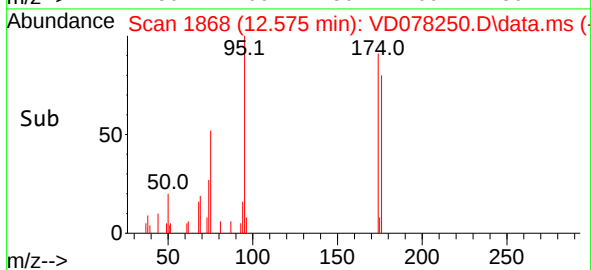
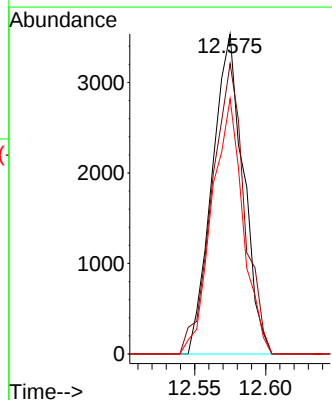
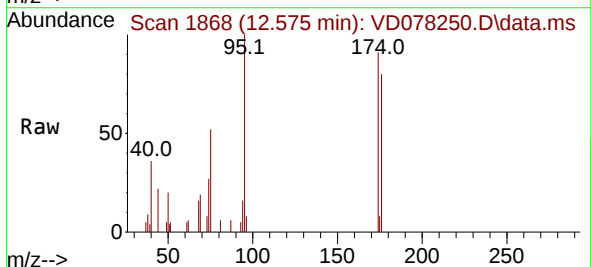
Instrument :
MSVOA_D
ClientSampleId :
TR-04-012424

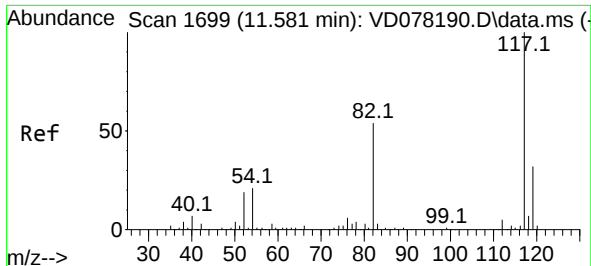
Tgt Ion: 98 Resp: 17328
Ion Ratio Lower Upper
98 100
100 60.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.019 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078250.D
Acq: 25 Jan 2024 16:51

Tgt Ion: 95 Resp: 5398
Ion Ratio Lower Upper
95 100
174 94.2 0.0 201.8
176 79.6 0.0 191.8

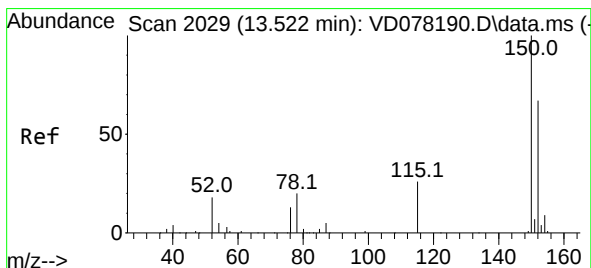
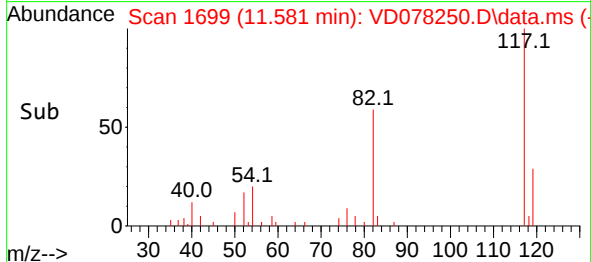
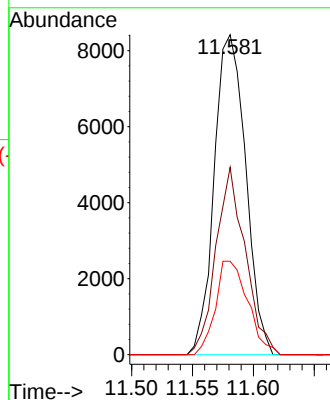
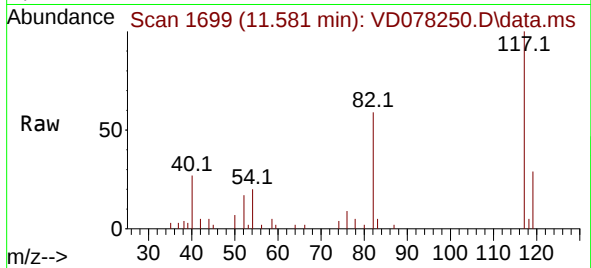




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078250.D
Acq: 25 Jan 2024 16:51

Instrument :
MSVOA_D
ClientSampleId :
TR-04-012424

Tgt Ion:117 Resp: 15150
Ion Ratio Lower Upper
117 100
82 58.6 38.3 57.5#
119 29.2 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: VD078250.D
Acq: 25 Jan 2024 16:51

Tgt Ion:152 Resp: 6047
Ion Ratio Lower Upper
152 100
115 66.1 27.1 81.3
150 170.0 0.0 353.6

