

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078247.D
 Acq On : 25 Jan 2024 15:29
 Operator : RP/MD
 Sample : P1243-03
 Misc : 5.28G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-308-17-19

Quant Time: Jan 26 14:40:23 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	135991	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	273326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64078	41.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.540%
35) Dibromofluoromethane	7.810	113	80695	44.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.269	98	345420	48.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.000%
62) 4-Bromofluorobenzene	12.575	95	103158	49.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.880%

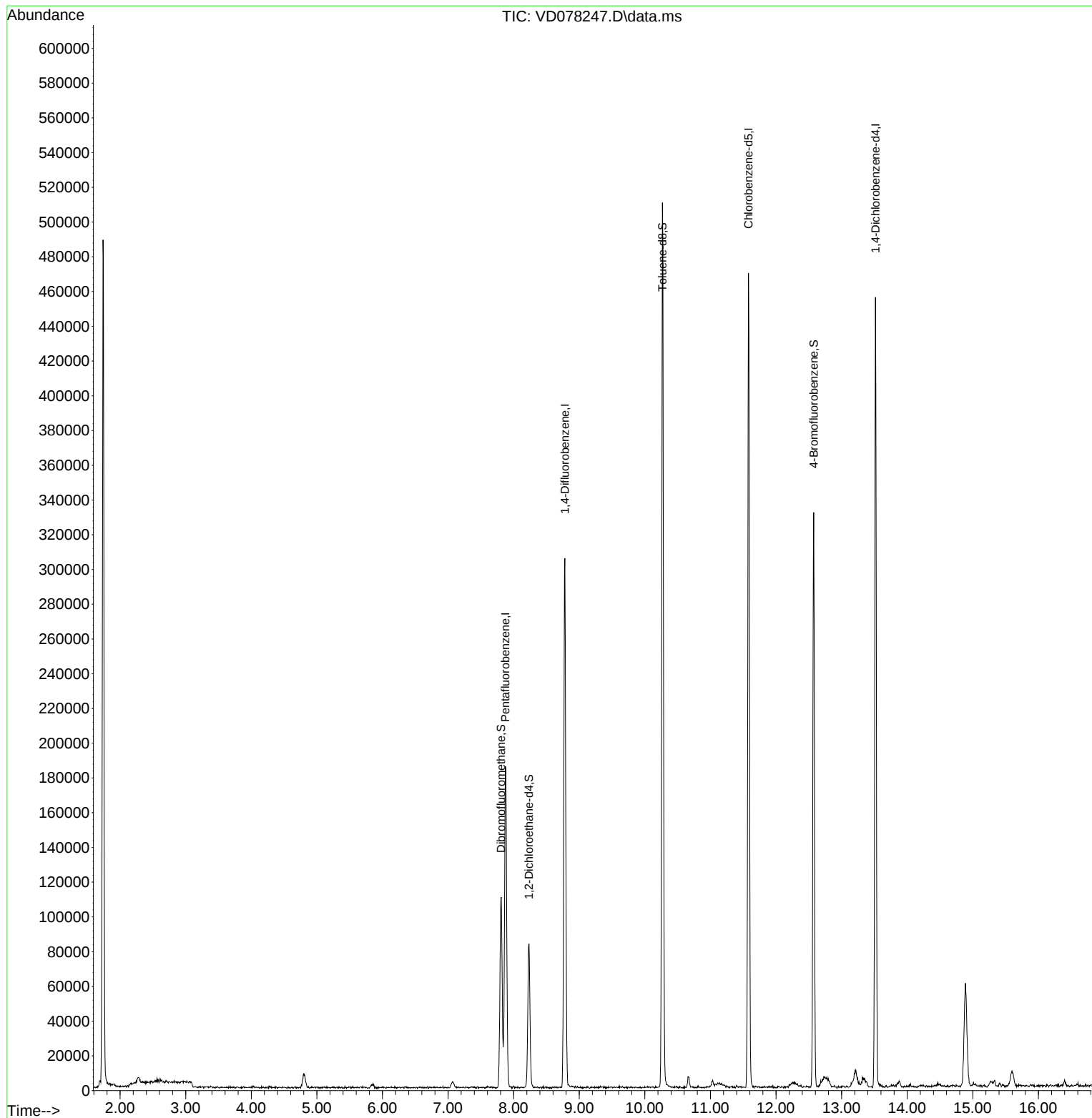
Target Compounds	Qvalue

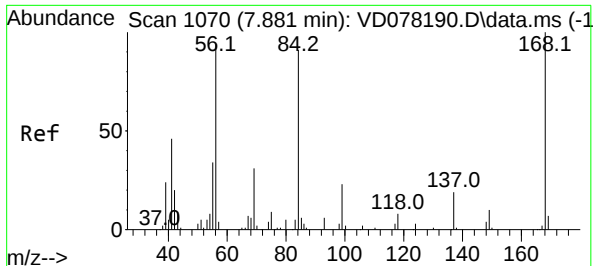
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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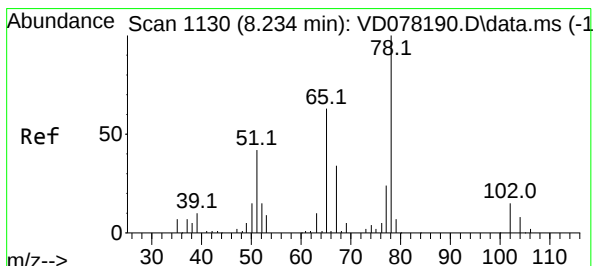
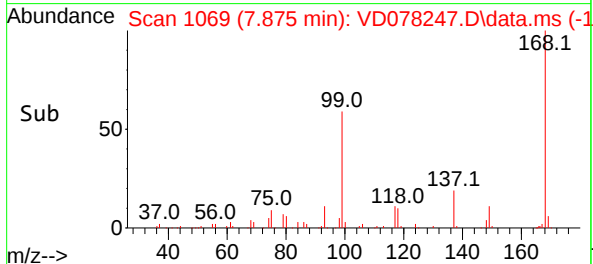
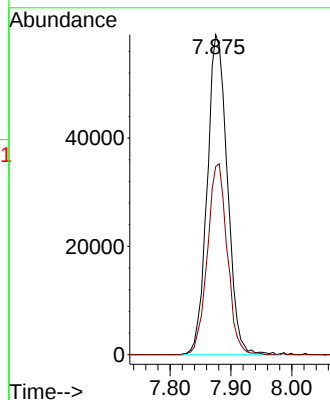
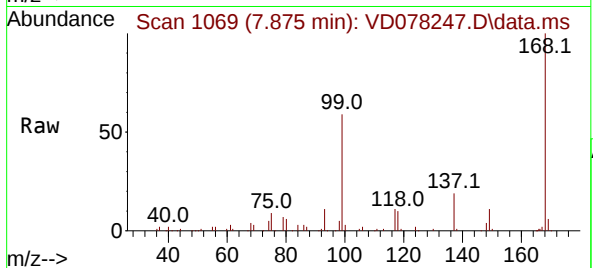




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078247.D
Acq: 25 Jan 2024 15:29

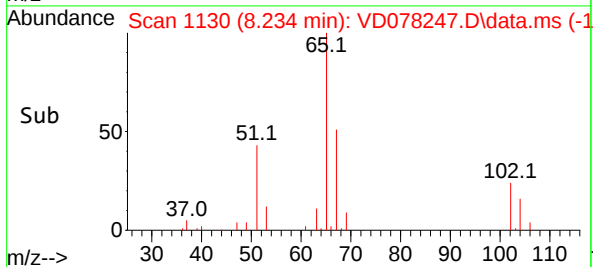
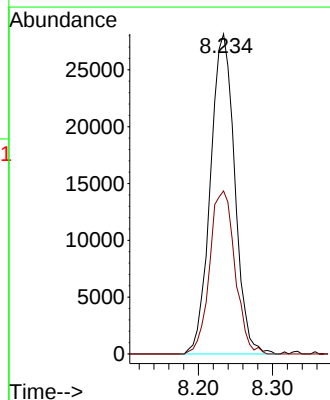
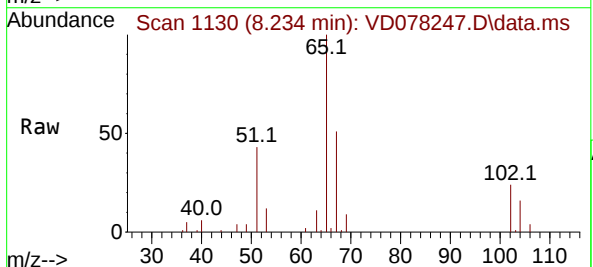
Instrument :
MSVOA_D
ClientSampleId :
MR-308-17-19

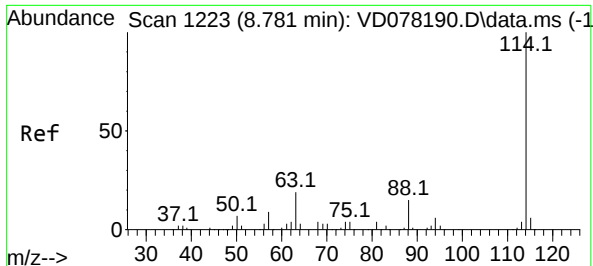
Tgt Ion:168 Resp: 135991
Ion Ratio Lower Upper
168 100
99 58.8 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 41.275 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078247.D
Acq: 25 Jan 2024 15:29

Tgt Ion: 65 Resp: 64078
Ion Ratio Lower Upper
65 100
67 53.1 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: VD078247.D

Acq: 25 Jan 2024 15:29

Instrument :

MSVOA_D

ClientSampleId :

MR-308-17-19

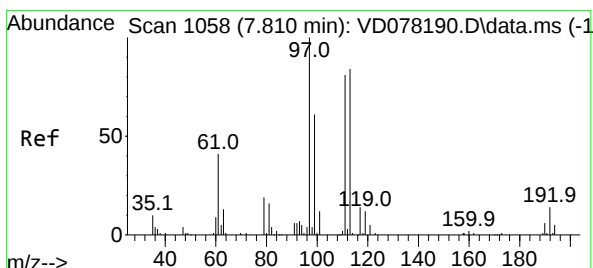
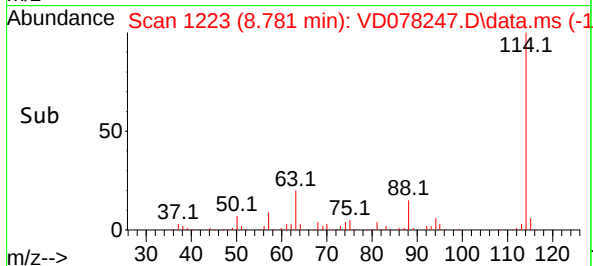
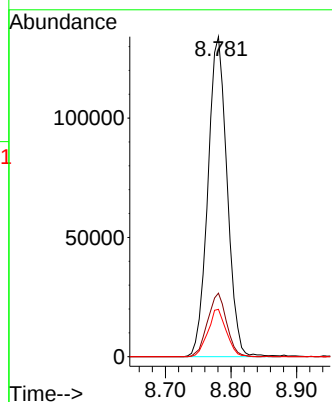
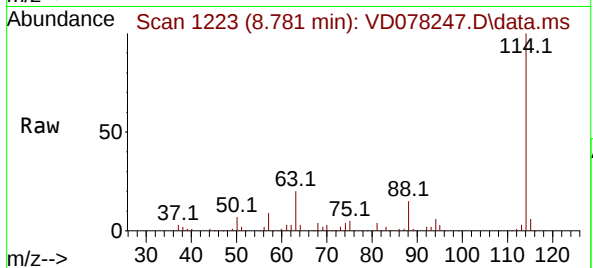
Tgt Ion:114 Resp: 273326

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.859 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078247.D

Acq: 25 Jan 2024 15:29

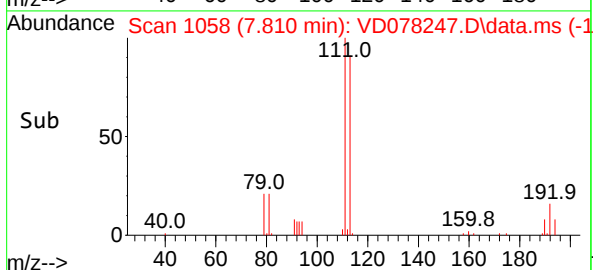
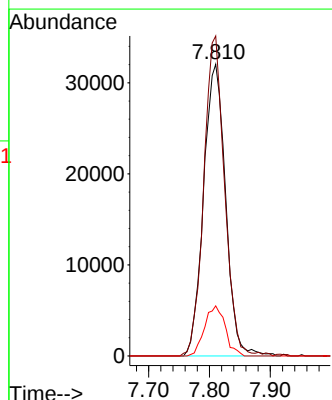
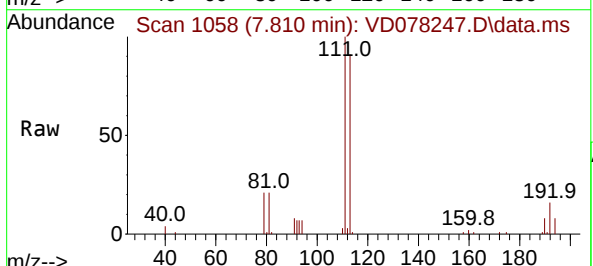
Tgt Ion:113 Resp: 80695

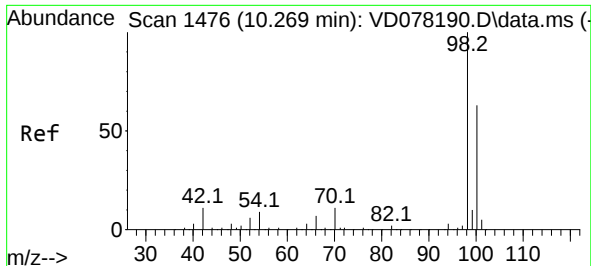
Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 16.1 16.8 25.2#

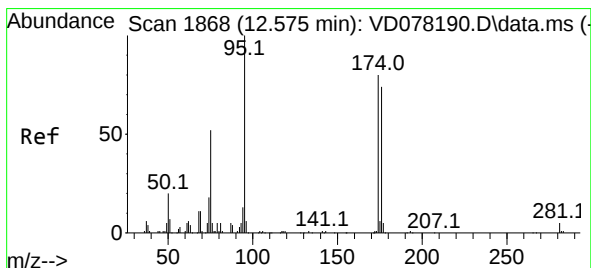
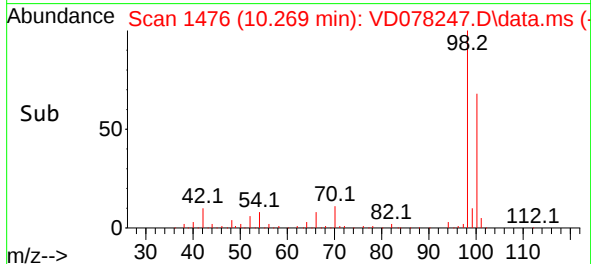
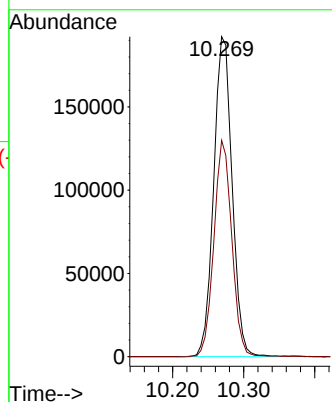
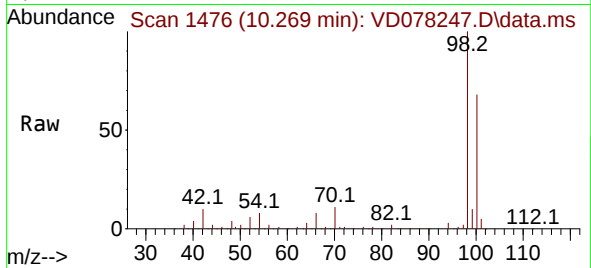




#50
Toluene-d8
Concen: 48.495 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078247.D
Acq: 25 Jan 2024 15:29

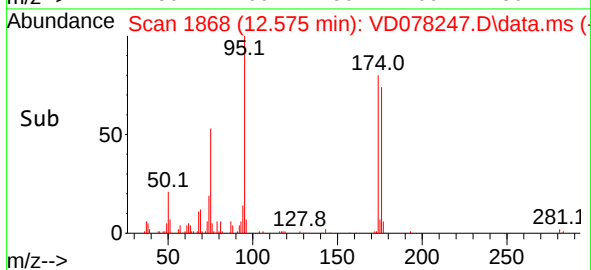
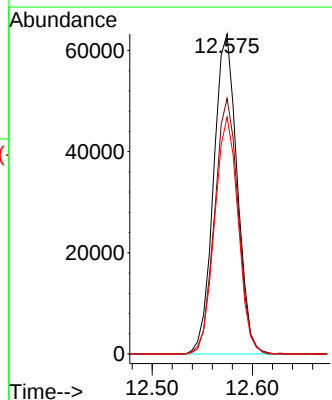
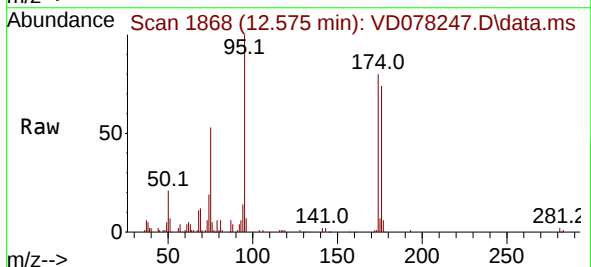
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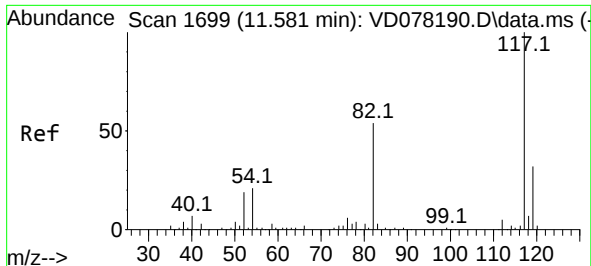
Tgt Ion: 98 Resp: 345420
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.940 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078247.D
Acq: 25 Jan 2024 15:29

Tgt Ion: 95 Resp: 103158
Ion Ratio Lower Upper
95 100
174 80.0 0.0 201.8
176 74.2 0.0 191.8

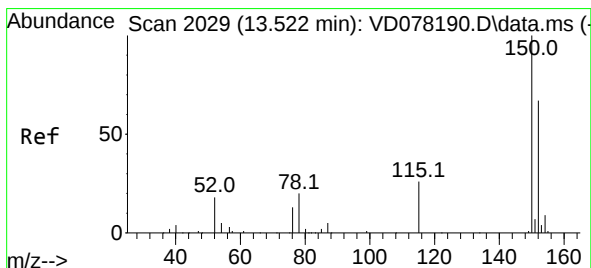
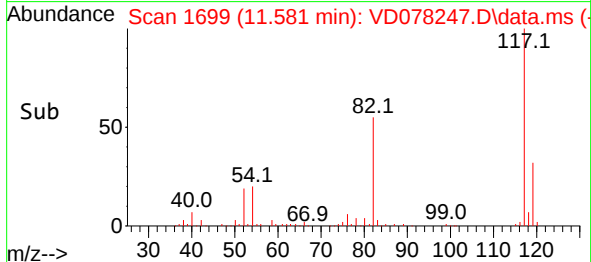
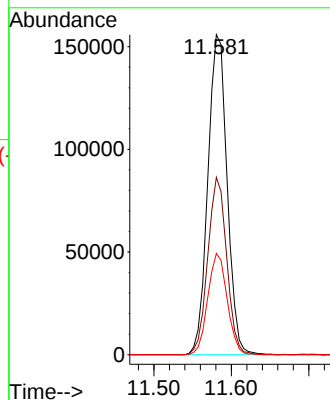
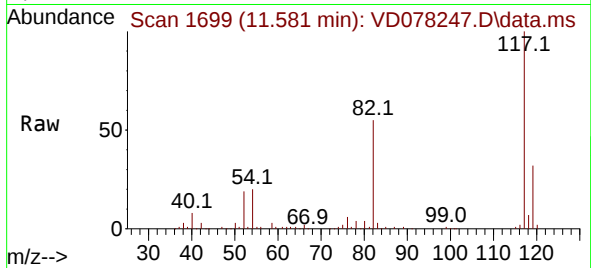




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078247.D
Acq: 25 Jan 2024 15:29

Instrument :
MSVOA_D
ClientSampleId :
MR-308-17-19

Tgt Ion:117 Resp: 268684
Ion Ratio Lower Upper
117 100
82 55.4 38.3 57.5
119 31.6 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: VD078247.D
Acq: 25 Jan 2024 15:29

Tgt Ion:152 Resp: 112254
Ion Ratio Lower Upper
152 100
115 60.0 27.1 81.3
150 158.4 0.0 353.6

