

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078213.D
 Acq On : 23 Jan 2024 17:29
 Operator : RP/MD
 Sample : P1221-03
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-A

Quant Time: Jan 24 00:24:01 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	130191	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	277813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	281560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67948	45.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.810	113	85234	46.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.240%
50) Toluene-d8	10.275	98	360304	49.768	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.575	95	106366	50.662	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.320%

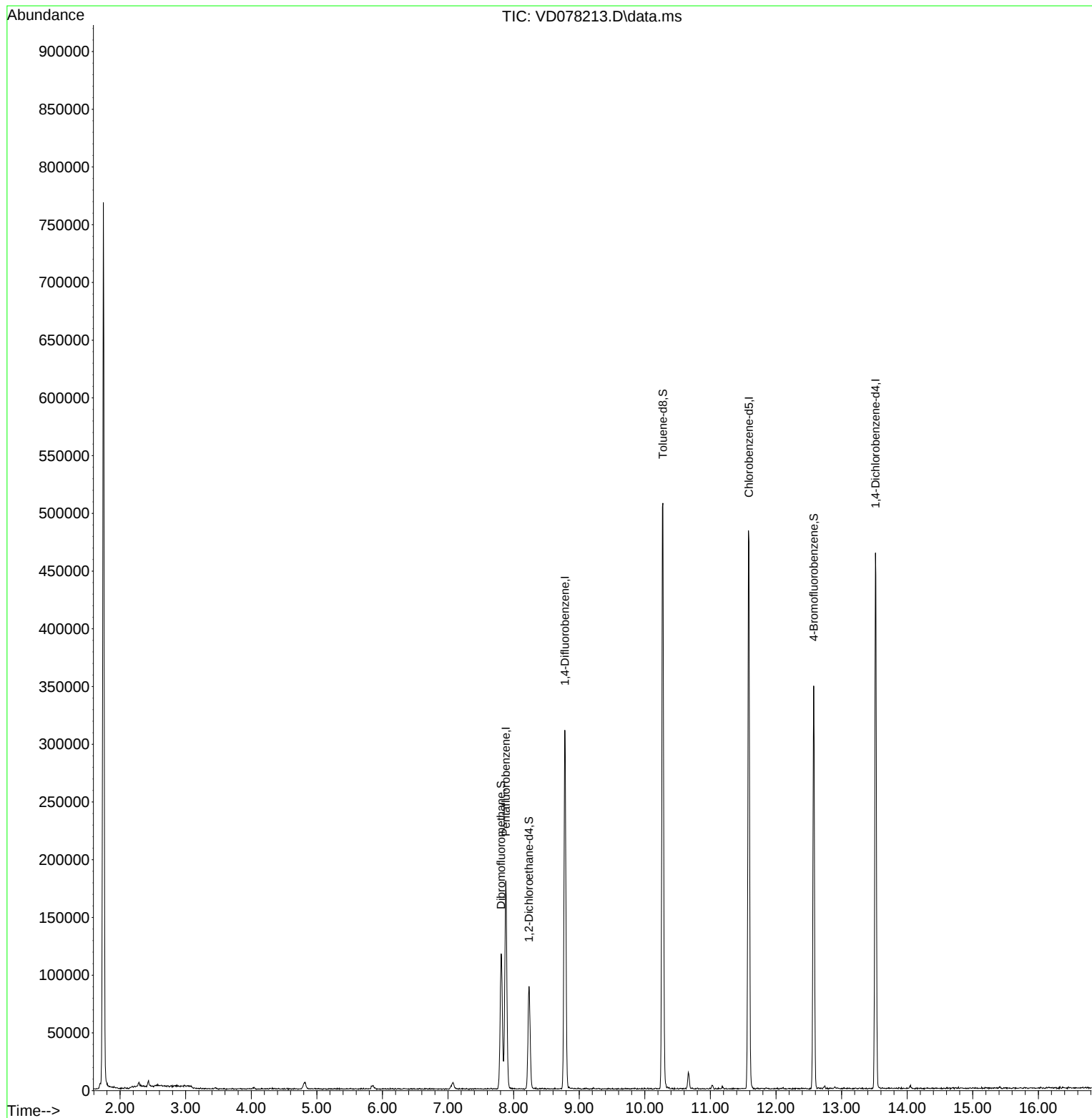
Target Compounds	Qvalue

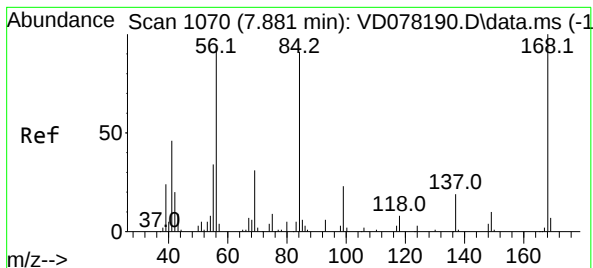
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD078213.D

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Instrument :

MSVOA_D

ClientSampleId :

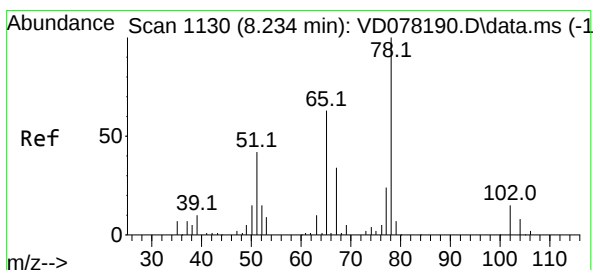
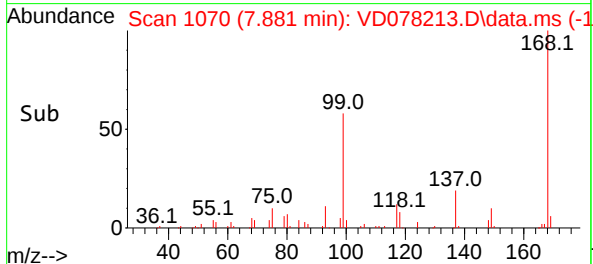
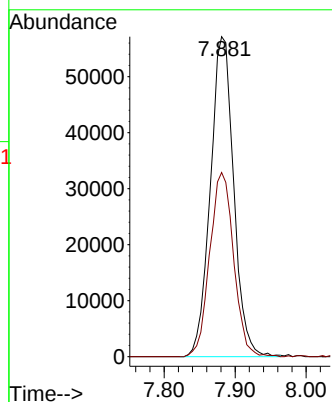
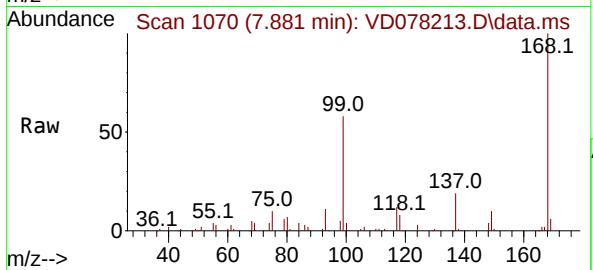
MH-A

Tgt Ion:168 Resp: 130191

Ion Ratio Lower Upper

168 100

99 57.6 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 45.718 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078213.D

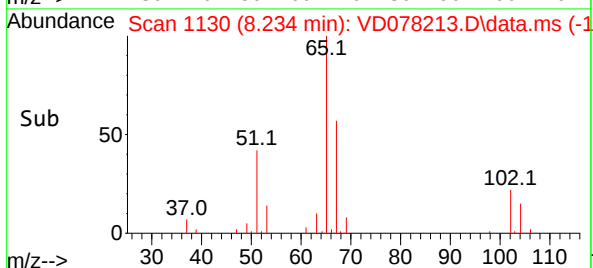
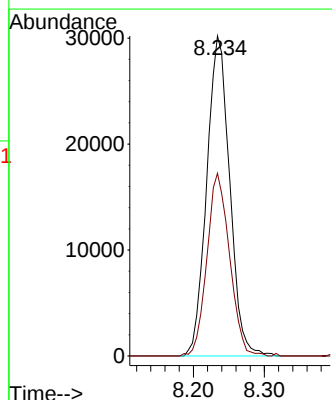
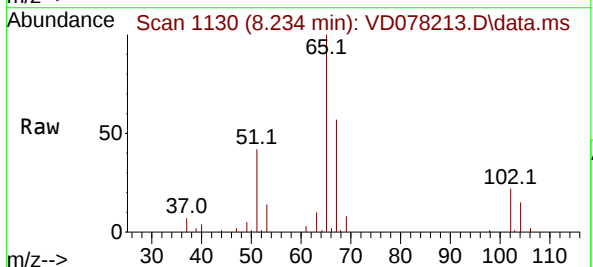
Acq: 23 Jan 2024 17:29

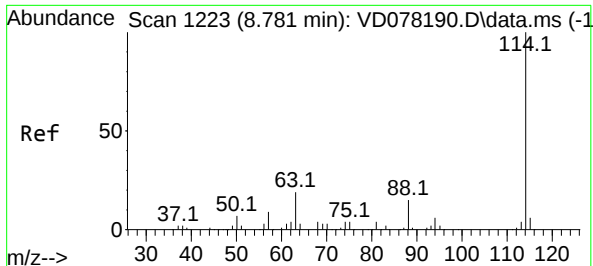
Tgt Ion: 65 Resp: 67948

Ion Ratio Lower Upper

65 100

67 56.3 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: VD078213.D

Acq: 23 Jan 2024 17:29

Instrument :

MSVOA_D

ClientSampleId :

MH-A

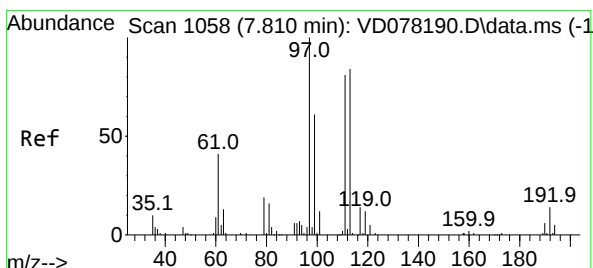
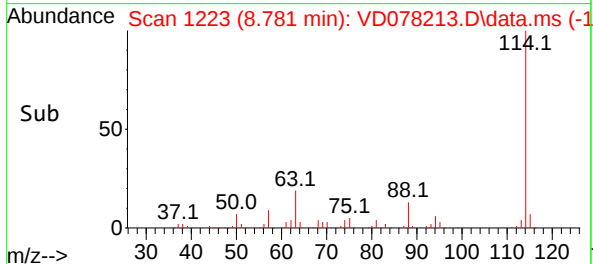
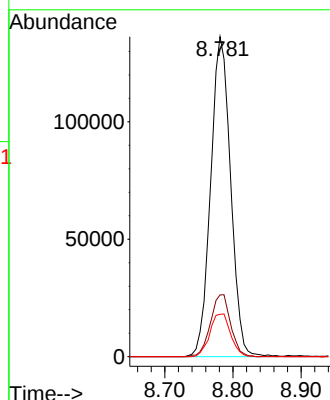
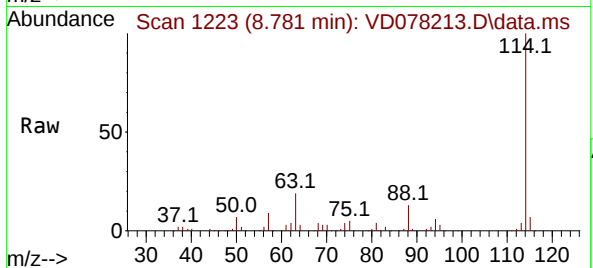
Tgt Ion:114 Resp: 277813

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.617 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078213.D

Acq: 23 Jan 2024 17:29

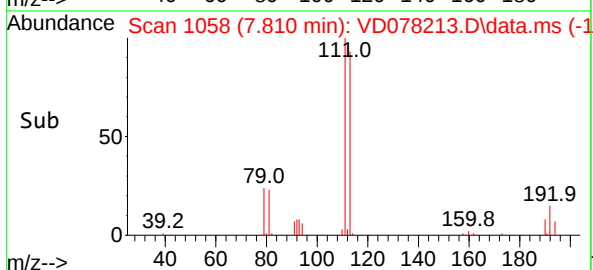
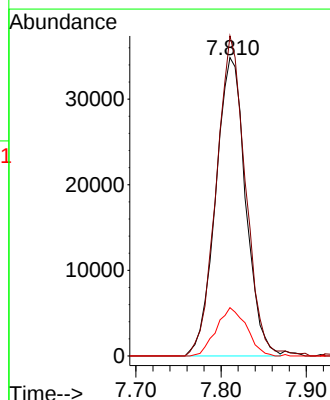
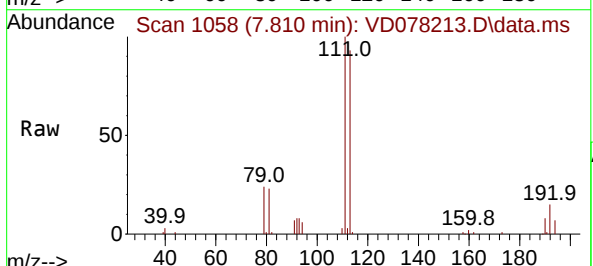
Tgt Ion:113 Resp: 85234

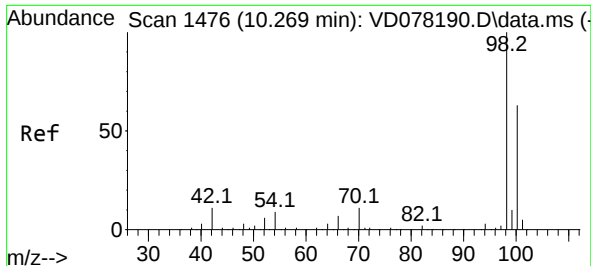
Ion Ratio Lower Upper

113 100

111 104.7 84.7 127.1

192 16.4 16.8 25.2#

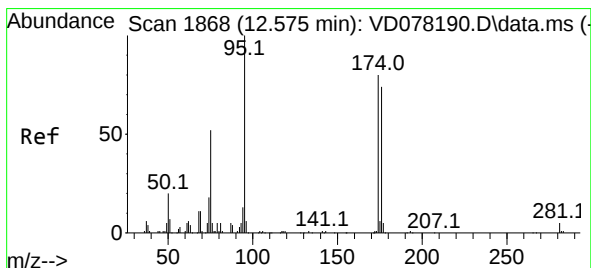
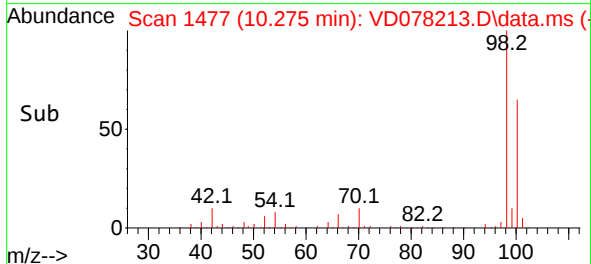
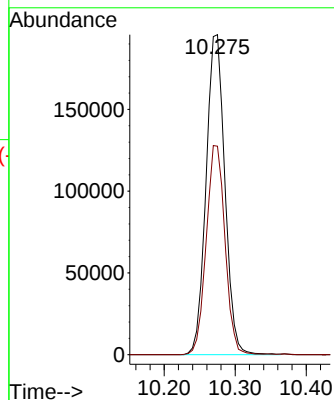
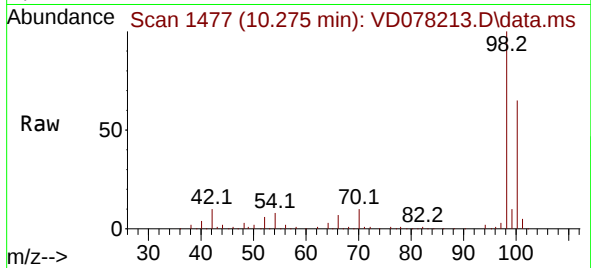




#50
Toluene-d8
Concen: 49.768 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078213.D
Acq: 23 Jan 2024 17:29

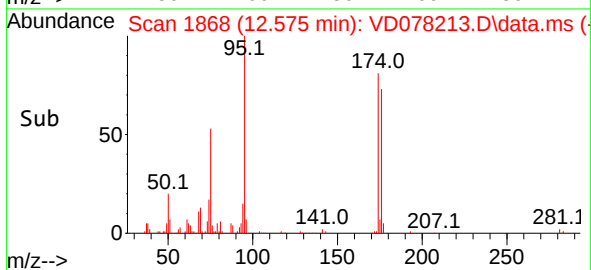
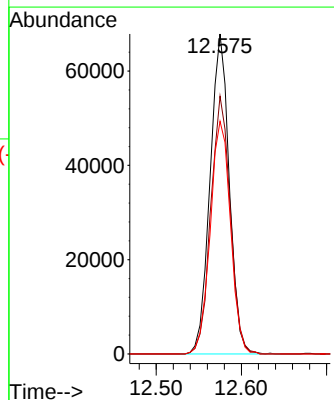
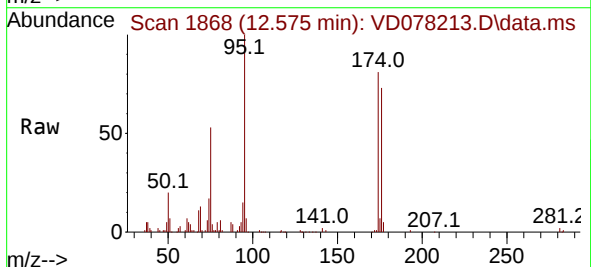
Instrument :
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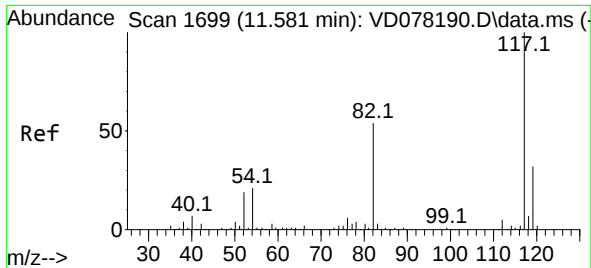
Tgt Ion: 98 Resp: 360304
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.662 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078213.D
Acq: 23 Jan 2024 17:29

Tgt Ion: 95 Resp: 106366
Ion Ratio Lower Upper
95 100
174 82.1 0.0 201.8
176 76.6 0.0 191.8

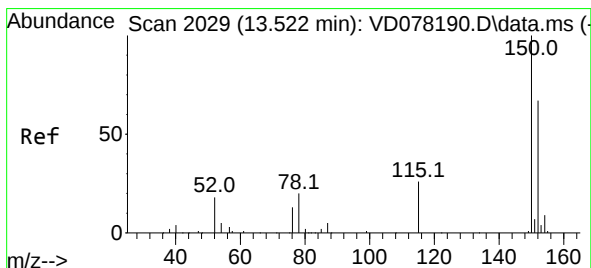
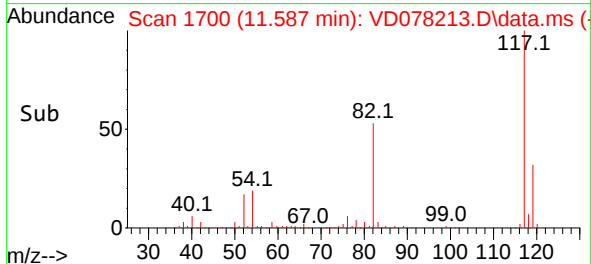
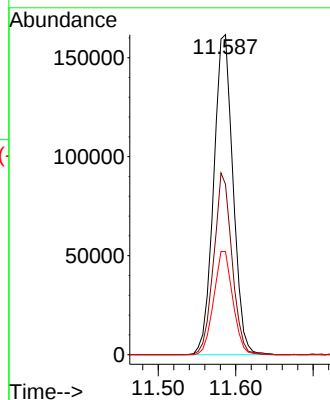
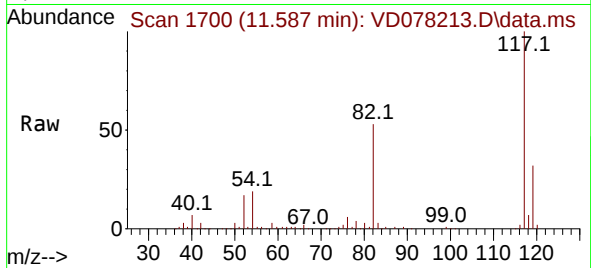




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078213.D
Acq: 23 Jan 2024 17:29

Instrument :
MSVOA_D
ClientSampleId :
MH-A

Tgt Ion:117 Resp: 281560
Ion Ratio Lower Upper
117 100
82 53.3 38.3 57.5
119 32.3 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: VD078213.D
Acq: 23 Jan 2024 17:29

Tgt Ion:152 Resp: 119742
Ion Ratio Lower Upper
152 100
115 59.4 27.1 81.3
150 158.4 0.0 353.6

