

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078225.D
 Acq On : 24 Jan 2024 16:13
 Operator : RP/MD
 Sample : P1237-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-9.5-10.0

Quant Time: Jan 25 00:28:07 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	126254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	275080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	271317	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65359	45.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.700%
35) Dibromofluoromethane	7.811	113	82969	45.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.660%
50) Toluene-d8	10.269	98	355840	49.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.575	95	102264	49.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.380%

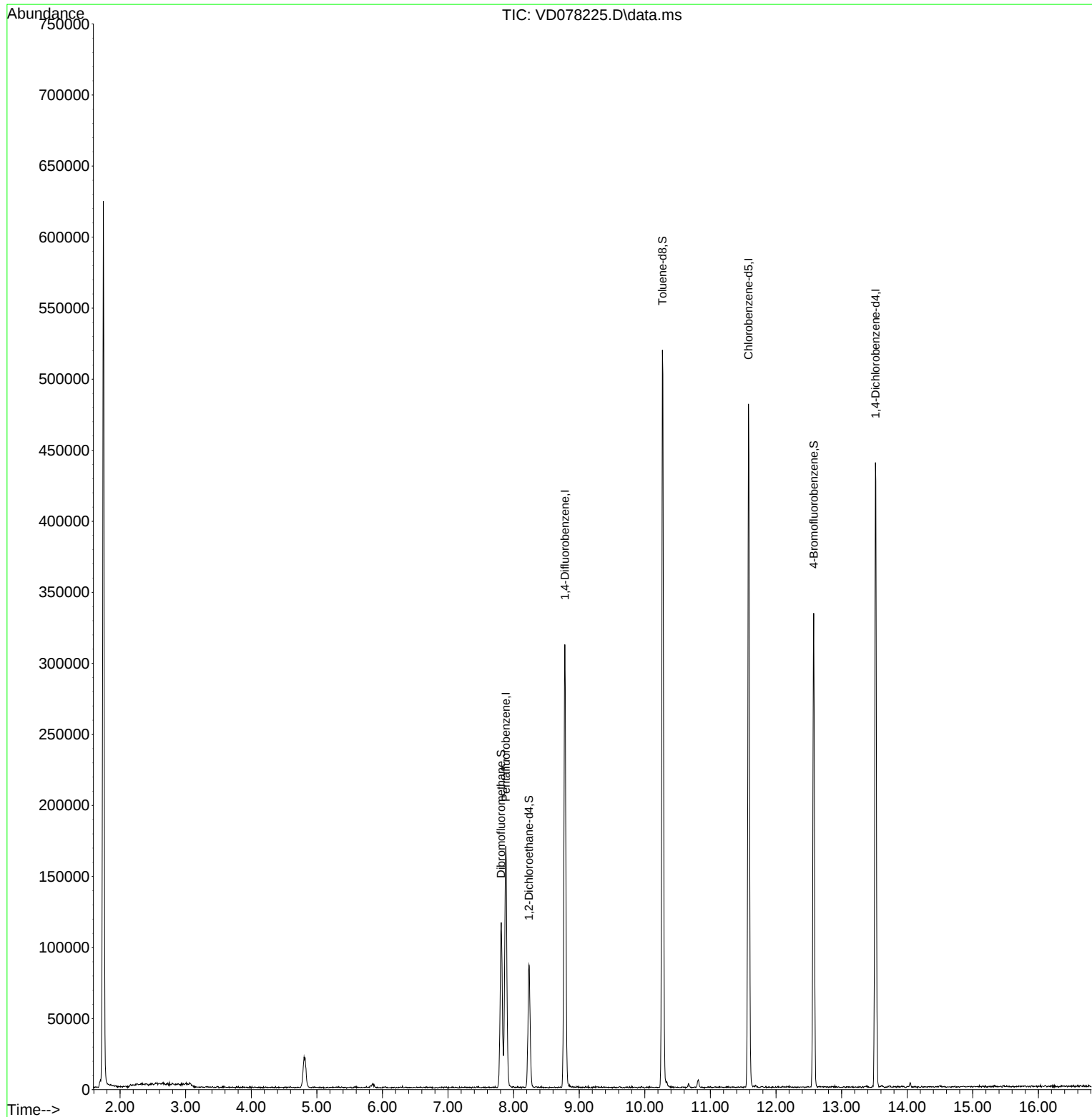
Target Compounds	Qvalue

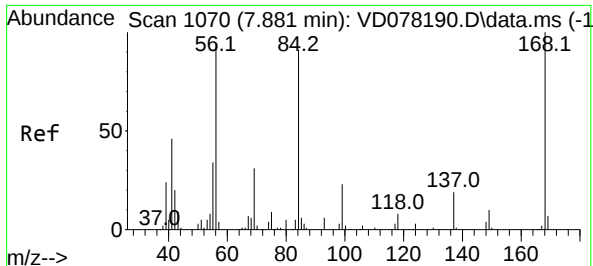
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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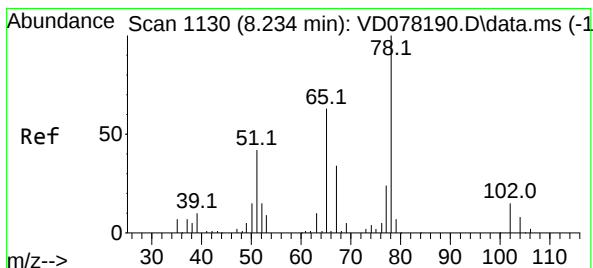
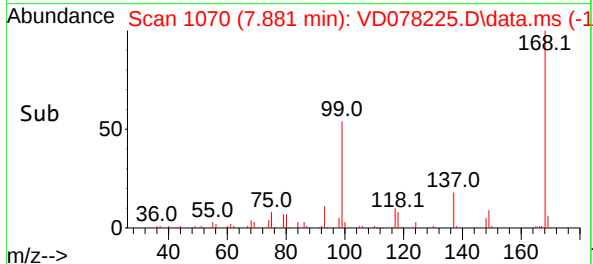
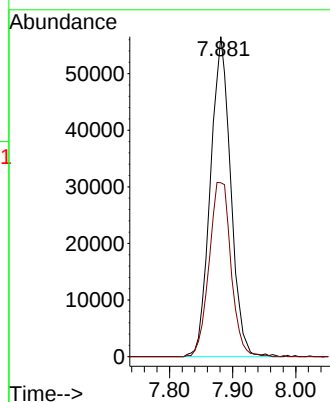
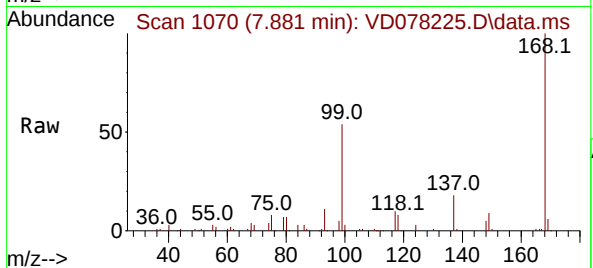




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

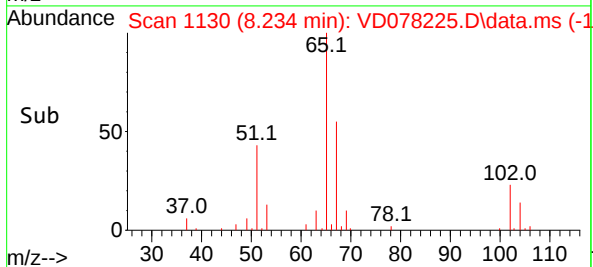
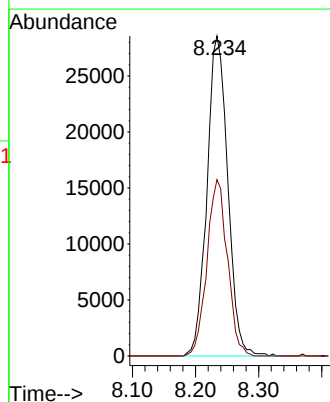
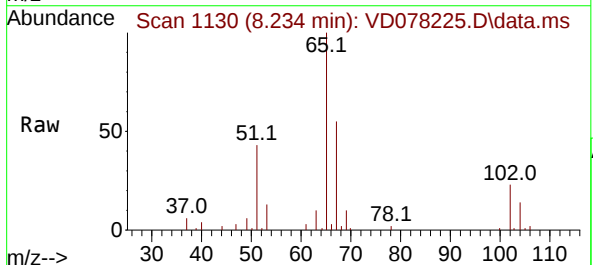
Instrument :
MSVOA_D
ClientSampleId :
SB-2-9.5-10.0

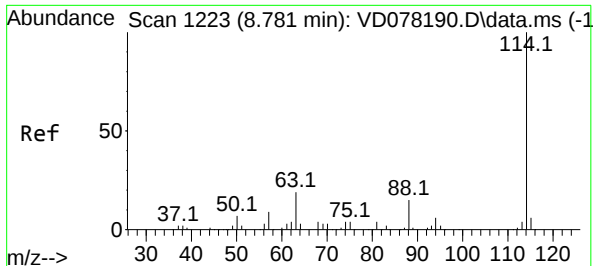
Tgt Ion:168 Resp: 126254
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 45.347 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

Tgt Ion: 65 Resp: 65359
Ion Ratio Lower Upper
65 100
67 54.3 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: VD078225.D

Acq: 24 Jan 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :

SB-2-9.5-10.0

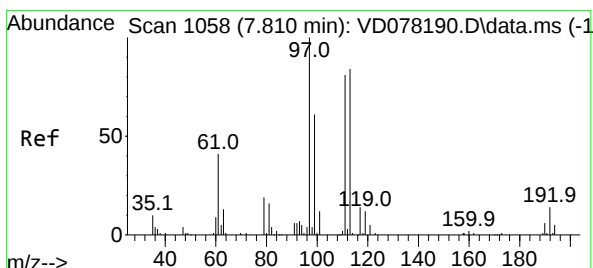
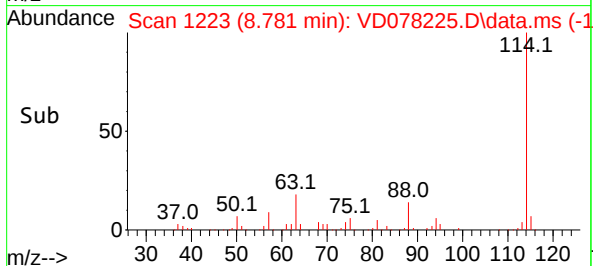
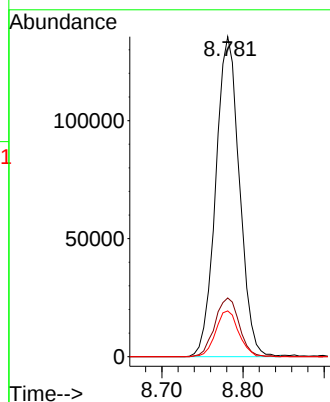
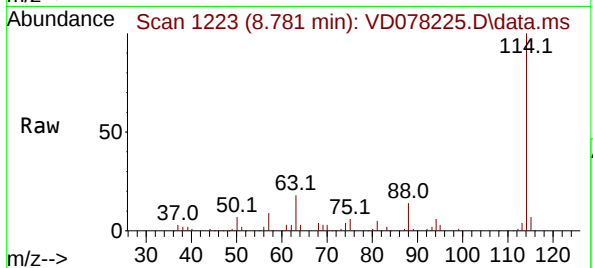
Tgt Ion:114 Resp: 275080

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.829 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078225.D

Acq: 24 Jan 2024 16:13

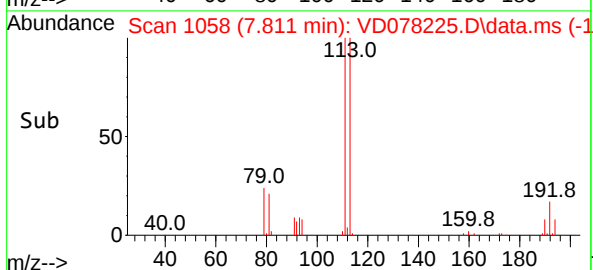
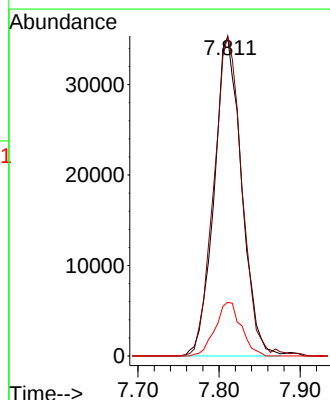
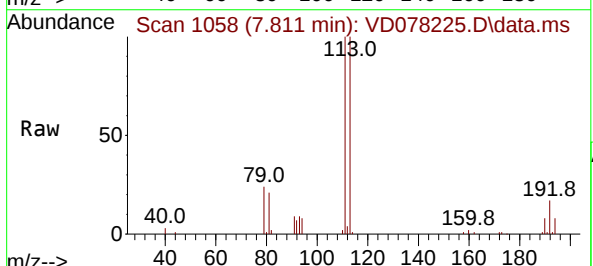
Tgt Ion:113 Resp: 82969

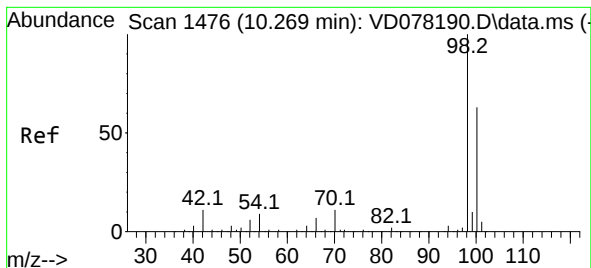
Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 15.9 16.8 25.2#

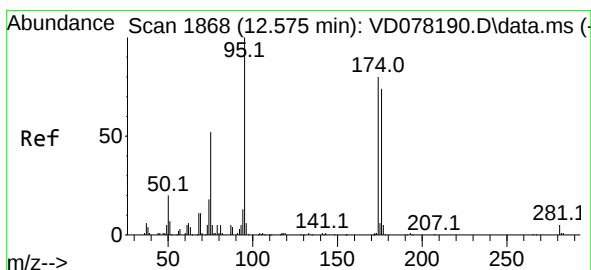
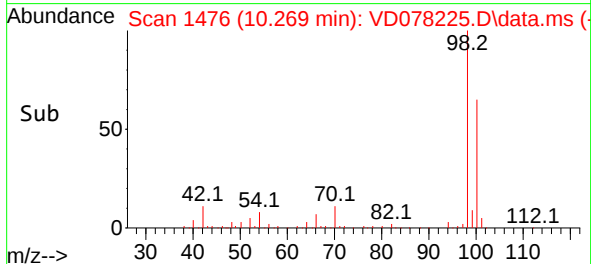
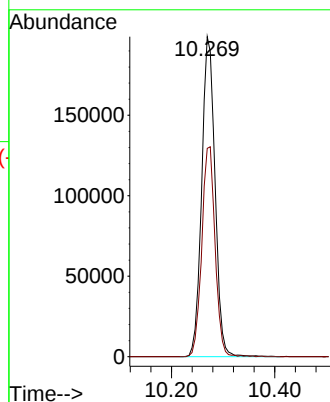
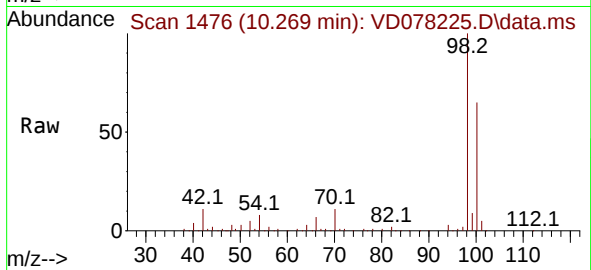




#50
Toluene-d8
Concen: 49.639 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

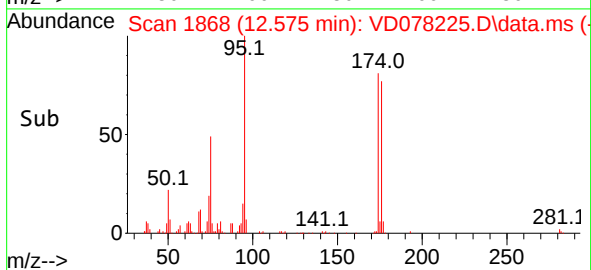
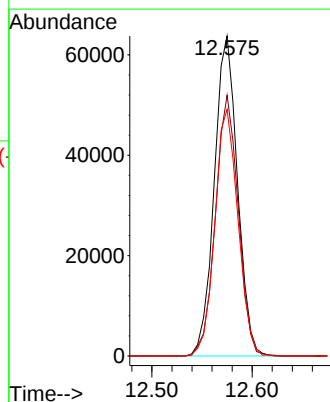
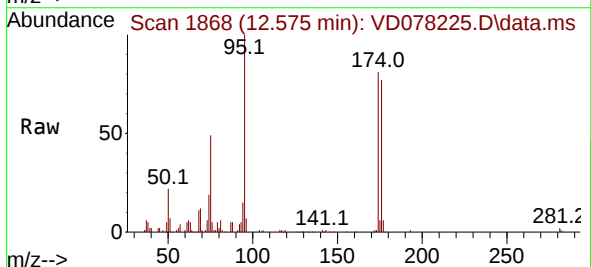
Instrument :
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SB-2-9.5-10.0

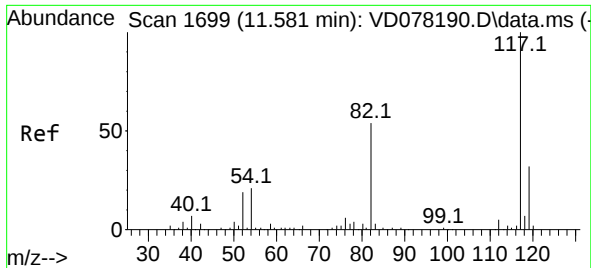
Tgt Ion: 98 Resp: 355840
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.192 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

Tgt Ion: 95 Resp: 102264
Ion Ratio Lower Upper
95 100
174 80.1 0.0 201.8
176 77.1 0.0 191.8

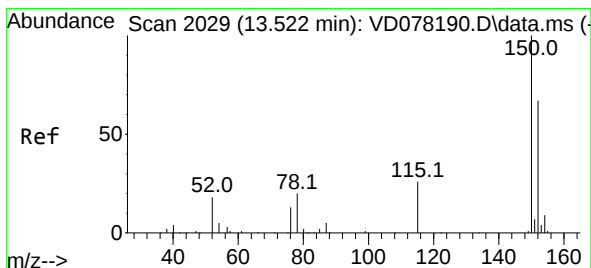
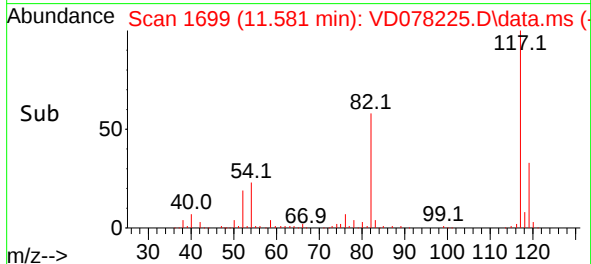
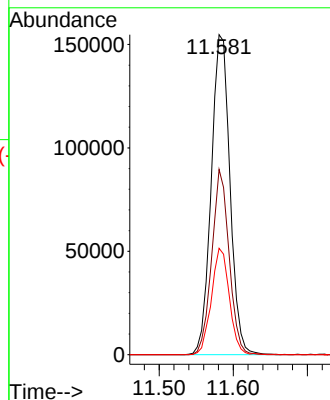
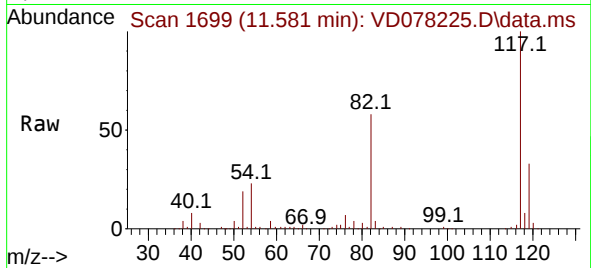




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078225.D
Acq: 24 Jan 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :
SB-2-9.5-10.0

Tgt Ion:117 Resp: 271317
Ion Ratio Lower Upper
117 100
82 57.9 38.3 57.5#
119 33.3 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: VD078225.D
Acq: 24 Jan 2024 16:13

Tgt Ion:152 Resp: 113128
Ion Ratio Lower Upper
152 100
115 61.2 27.1 81.3
150 156.4 0.0 353.6

