

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078278.D
 Acq On : 30 Jan 2024 14:47
 Operator : RP/MD
 Sample : VD0130SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBL01

Quant Time: Jan 31 00:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	144465	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	293600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136978	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77930	43.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.160%
35) Dibromofluoromethane	7.805	113	90750	43.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.840%
50) Toluene-d8	10.269	98	371932	46.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.000%
62) 4-Bromofluorobenzene	12.575	95	123786	52.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.460%

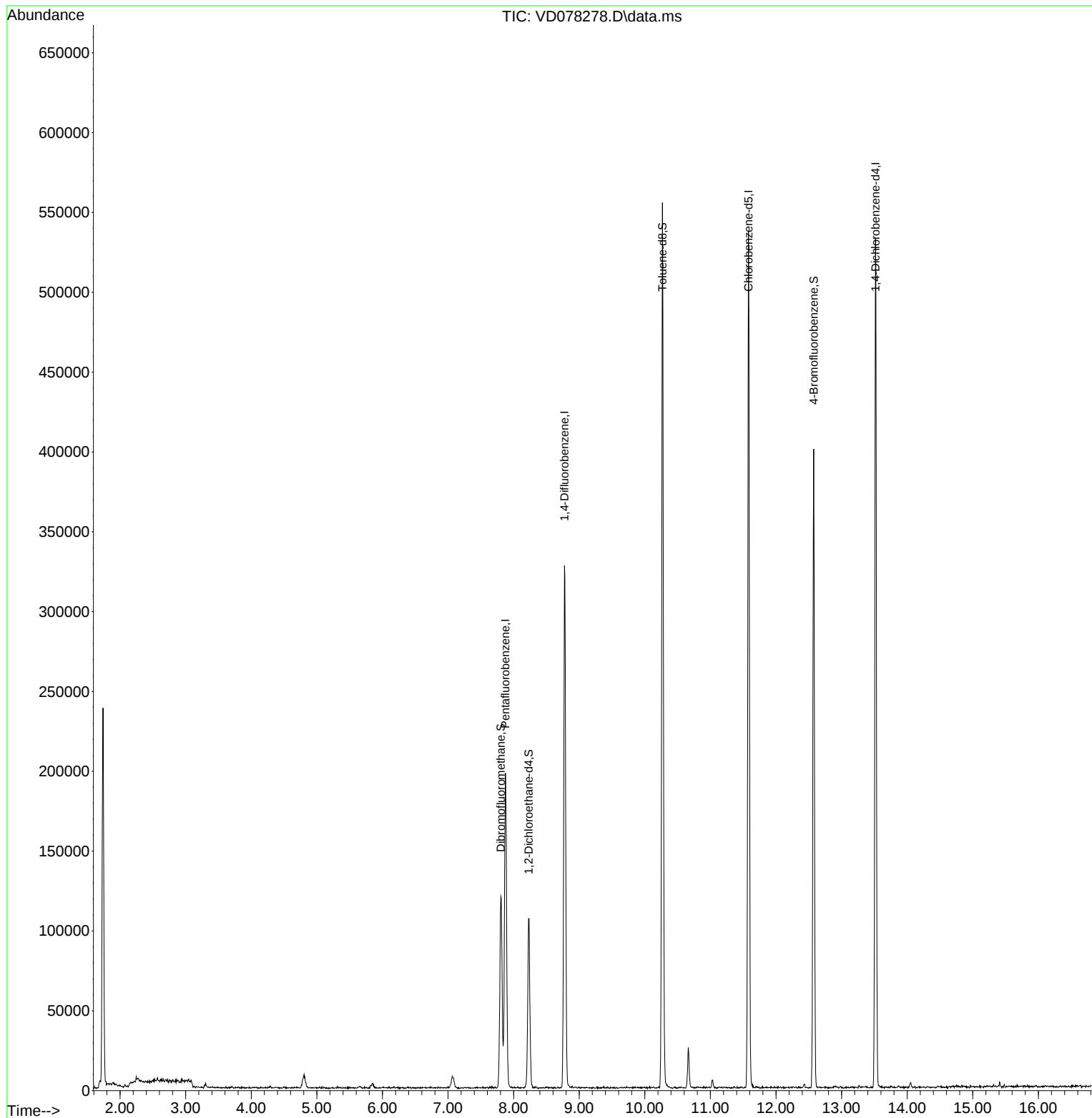
Target Compounds	Qvalue

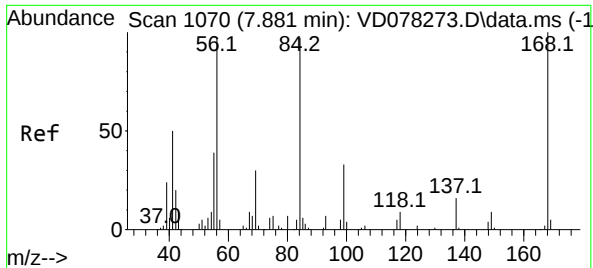
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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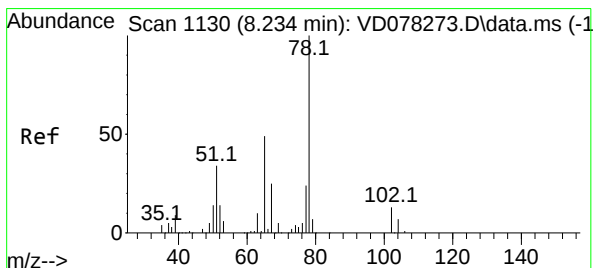
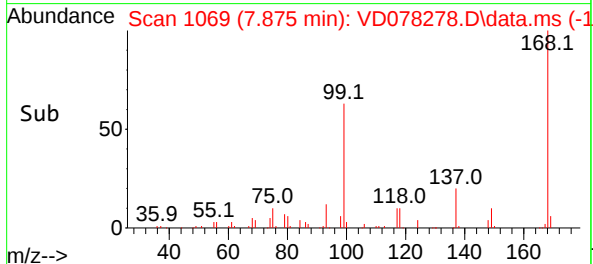
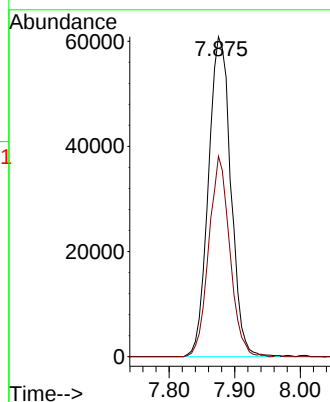
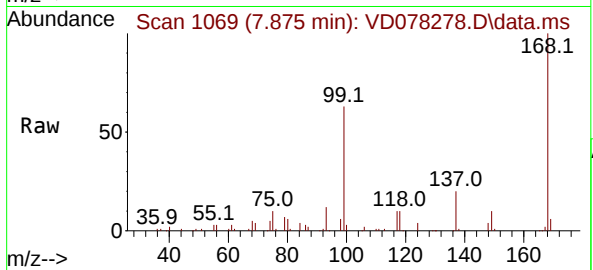




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

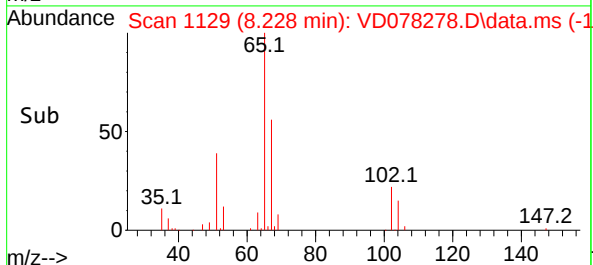
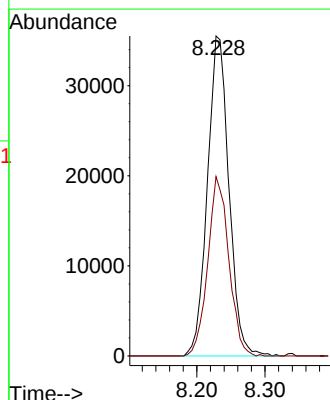
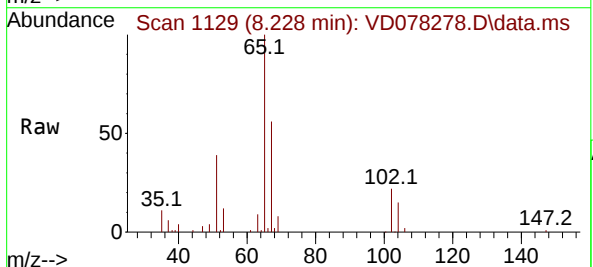
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

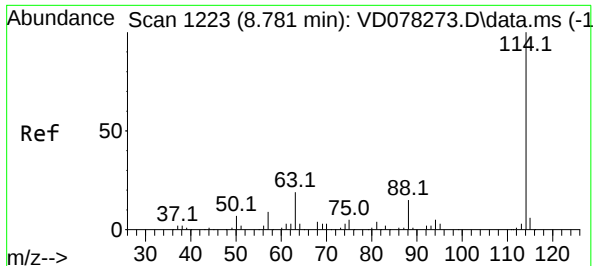
Tgt Ion:168 Resp: 144465
Ion Ratio Lower Upper
168 100
99 62.7 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 43.576 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

Tgt Ion: 65 Resp: 77930
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078278.D

Acq: 30 Jan 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

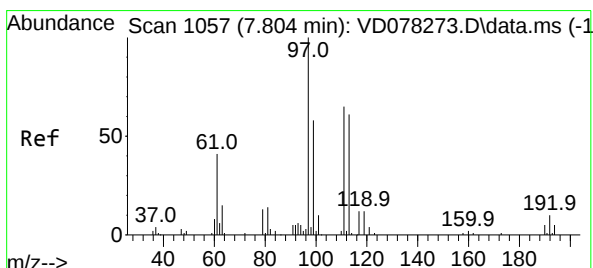
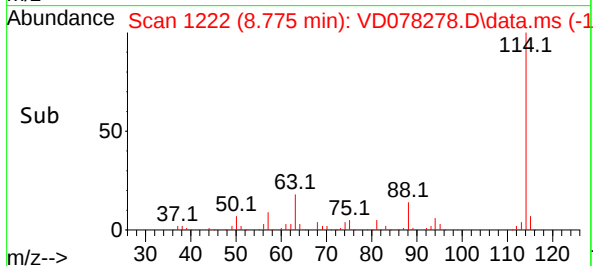
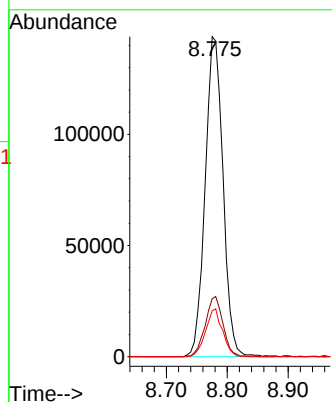
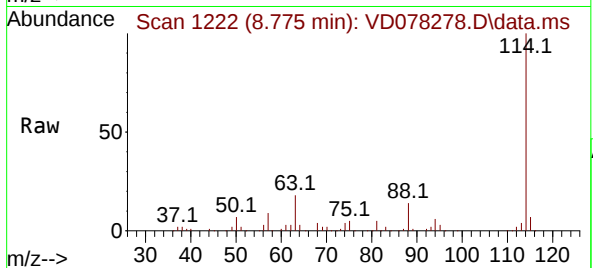
Tgt Ion:114 Resp: 293600

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.416 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078278.D

Acq: 30 Jan 2024 14:47

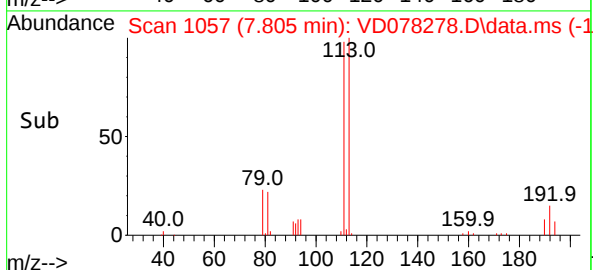
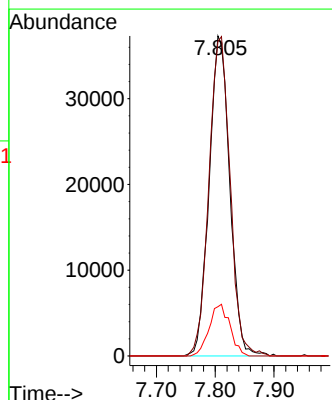
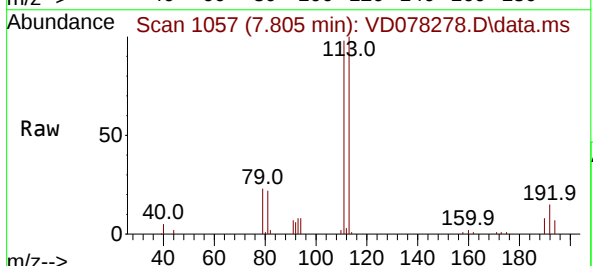
Tgt Ion:113 Resp: 90750

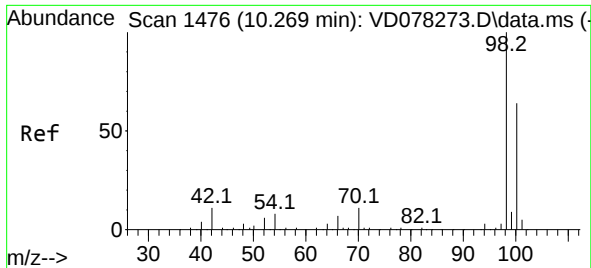
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 16.3 16.8 25.2#

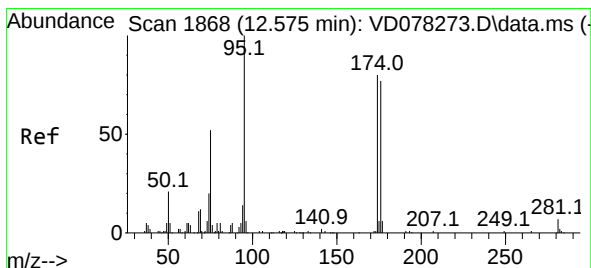
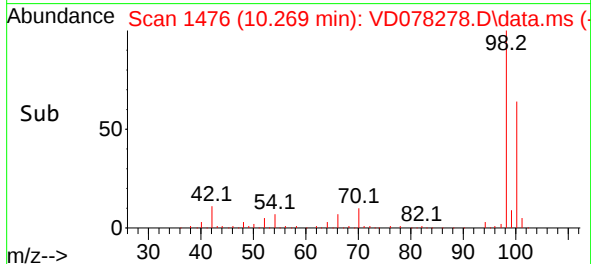
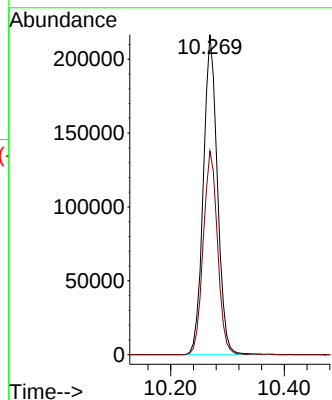
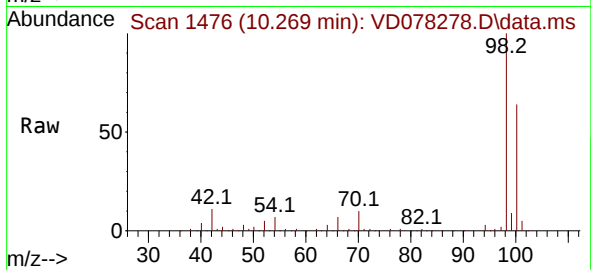




#50
Toluene-d8
Concen: 46.999 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

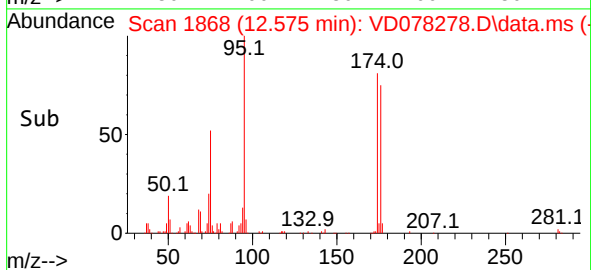
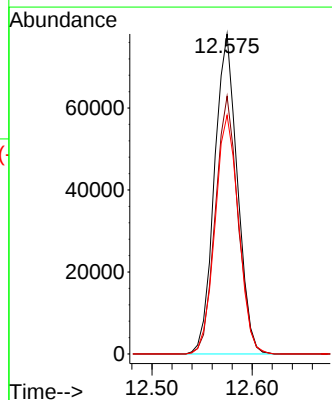
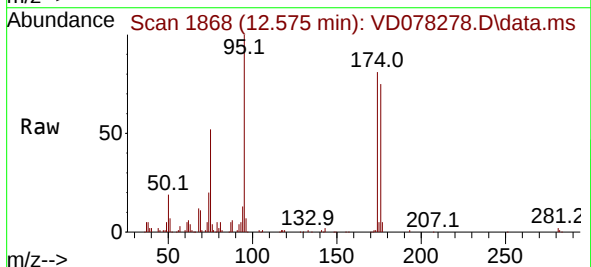
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

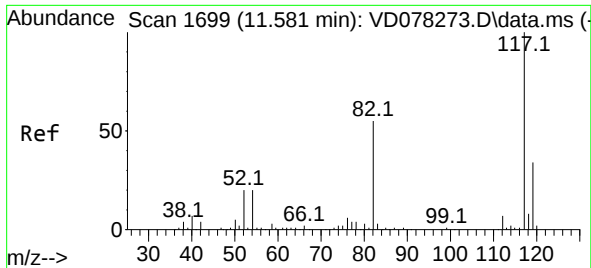
Tgt Ion: 98 Resp: 371932
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

Tgt Ion: 95 Resp: 123786
Ion Ratio Lower Upper
95 100
174 79.8 0.0 201.8
176 76.5 0.0 191.8

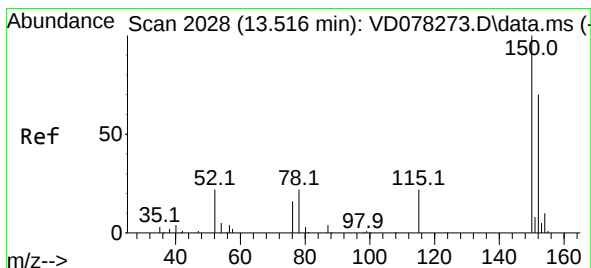
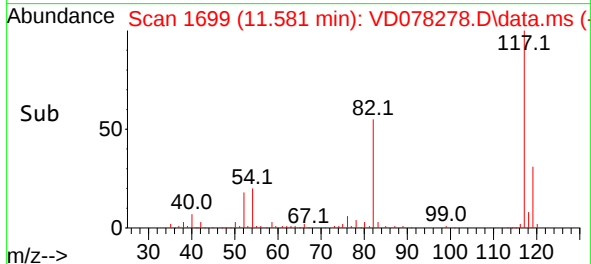
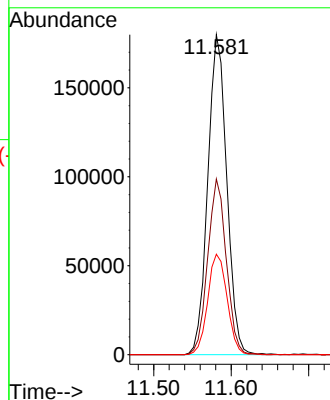
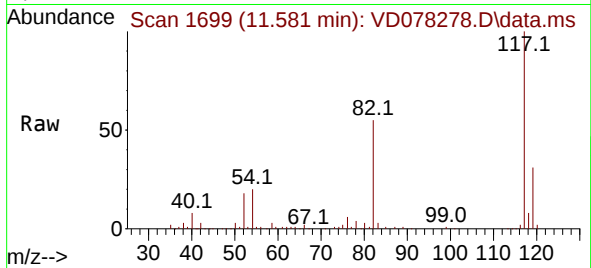




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

Tgt Ion:117 Resp: 305676
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 31.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

Tgt Ion:152 Resp: 136978
Ion Ratio Lower Upper
152 100
115 60.0 27.1 81.3
150 156.3 0.0 353.6

