

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078210.D
 Acq On : 23 Jan 2024 16:08
 Operator : RP/MD
 Sample : P1188-02
 Misc : 4.29G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

Quant Time: Jan 24 00:23:01 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	140991	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	289449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	275322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70864	44.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.060%
35) Dibromofluoromethane	7.816	113	89139	46.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.580%
50) Toluene-d8	10.269	98	363266	48.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.575	95	101988	46.624	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.240%

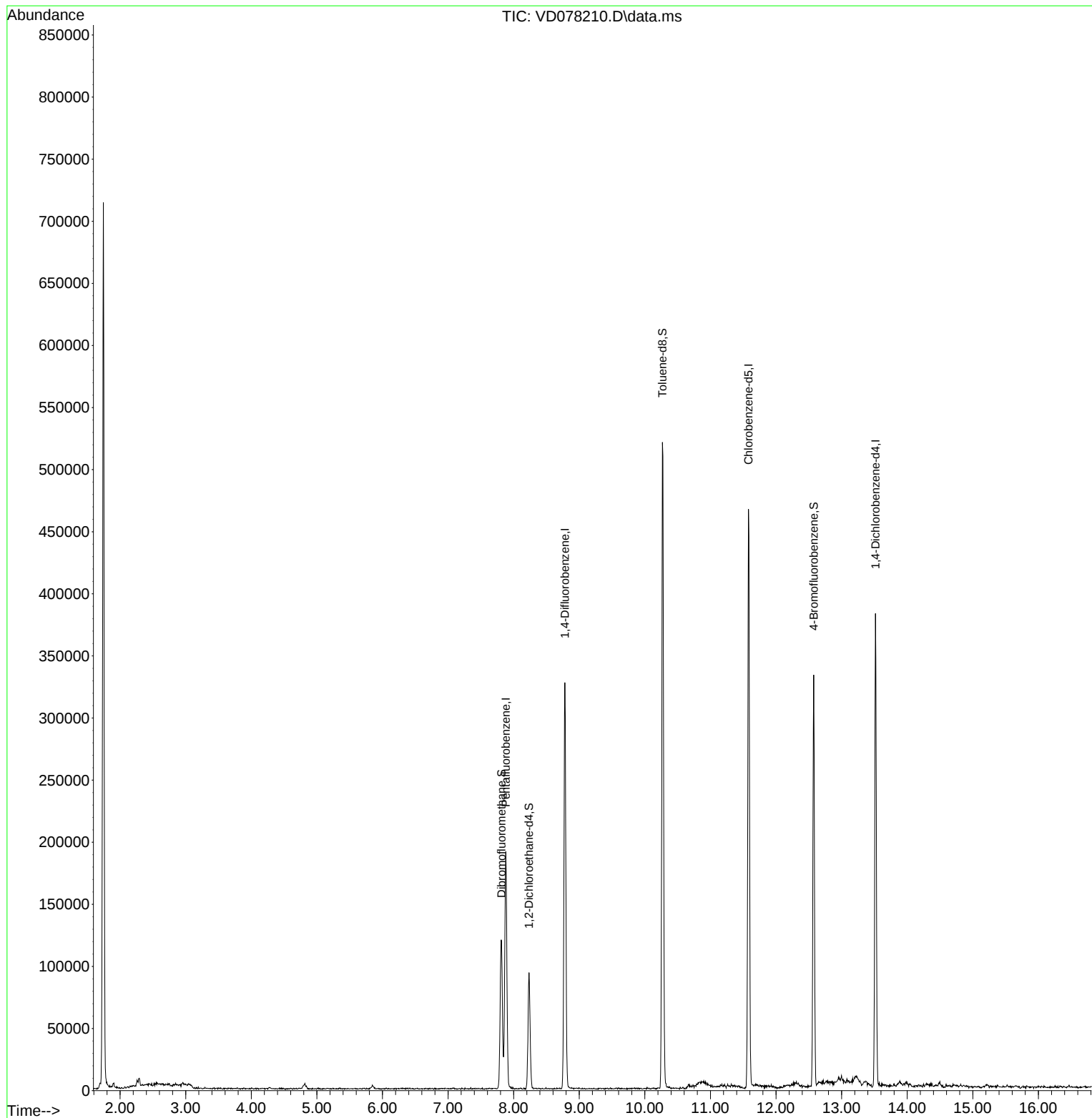
Target Compounds	Qvalue

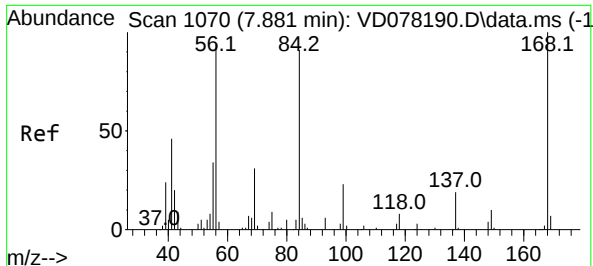
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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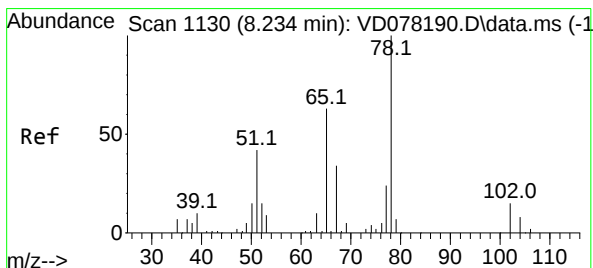
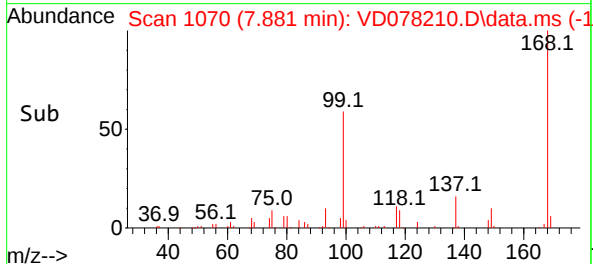
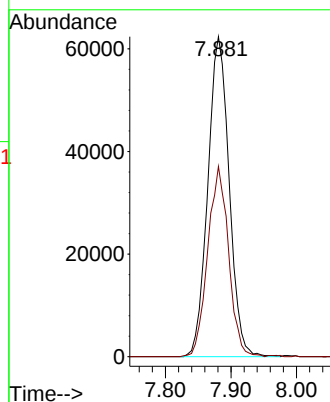
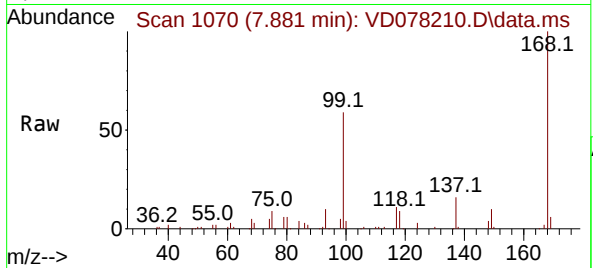




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078210.D
Acq: 23 Jan 2024 16:08

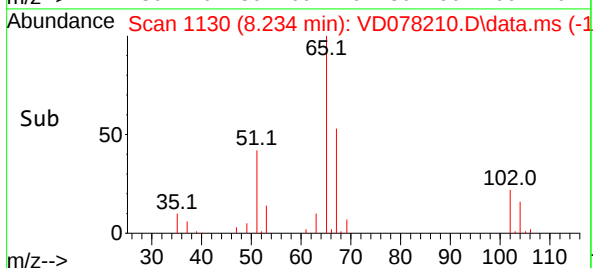
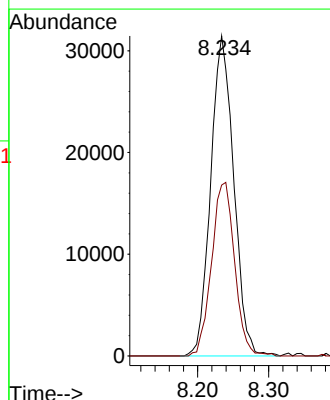
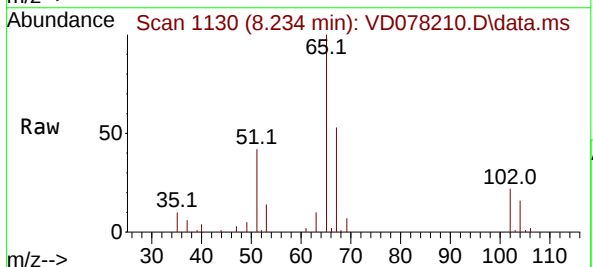
Instrument : MSVOA_D
ClientSampleId : SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

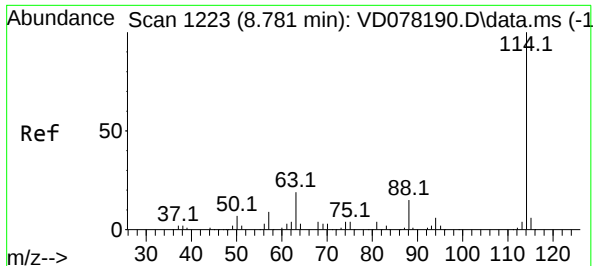
Tgt Ion:168 Resp: 140991
Ion Ratio Lower Upper
168 100
99 59.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 44.027 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078210.D
Acq: 23 Jan 2024 16:08

Tgt Ion: 65 Resp: 70864
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0

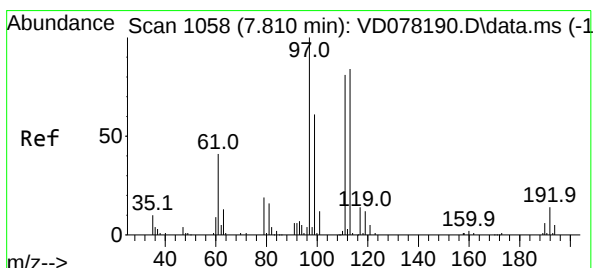
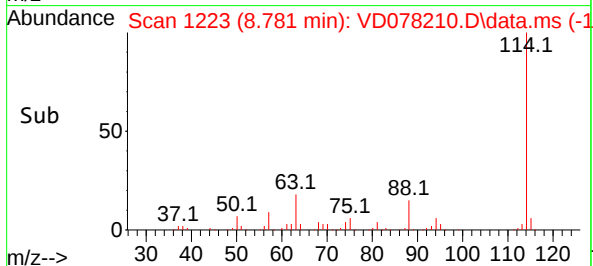
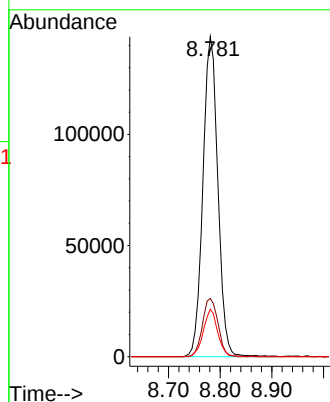
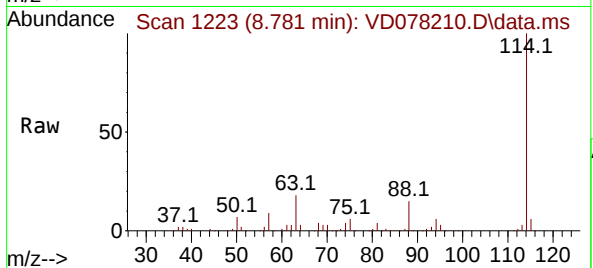




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078210.D
Acq: 23 Jan 2024 16:08

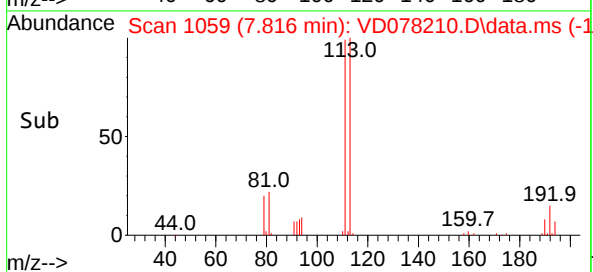
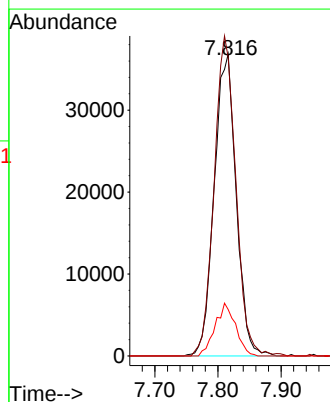
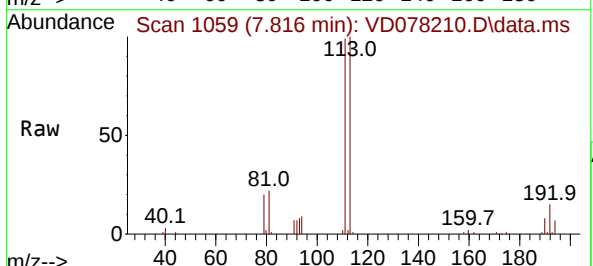
Instrument :
MSVOA_D
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

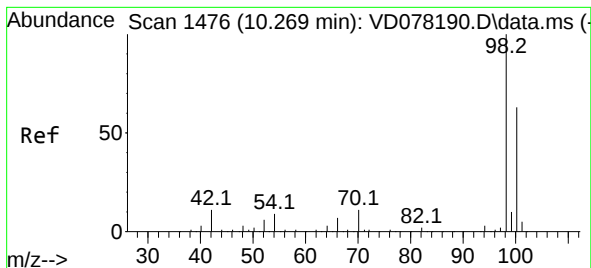
Tgt Ion:114 Resp: 289449
Ion Ratio Lower Upper
114 100
63 18.2 0.0 33.4
88 14.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 46.793 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VD078210.D
Acq: 23 Jan 2024 16:08

Tgt Ion:113 Resp: 89139
Ion Ratio Lower Upper
113 100
111 104.5 84.7 127.1
192 16.3 16.8 25.2#





#50

Toluene-d8

Concen: 48.160 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078210.D

Acq: 23 Jan 2024 16:08

Instrument :

MSVOA_D

ClientSampleId :

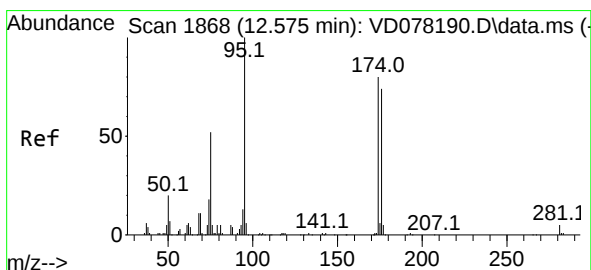
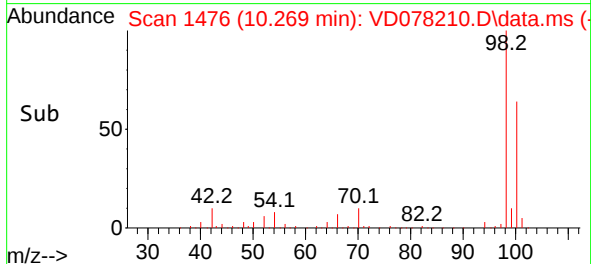
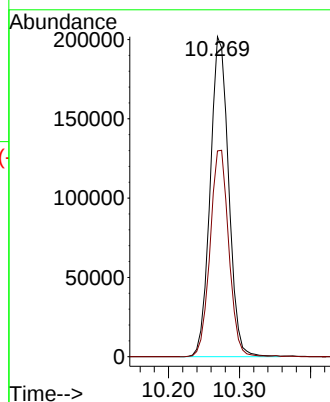
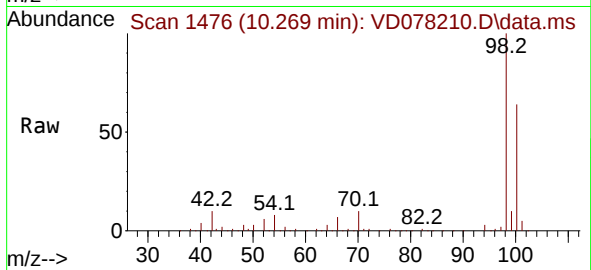
SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

Tgt Ion: 98 Resp: 363266

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 46.624 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD078210.D

Acq: 23 Jan 2024 16:08

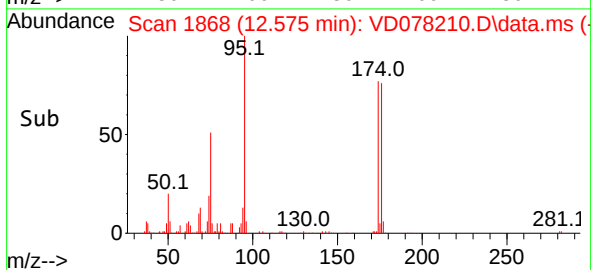
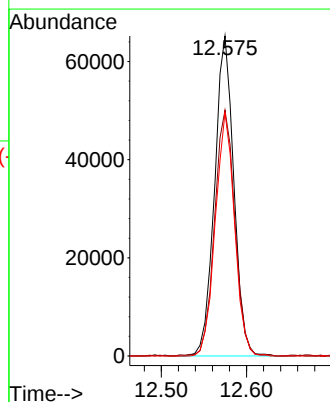
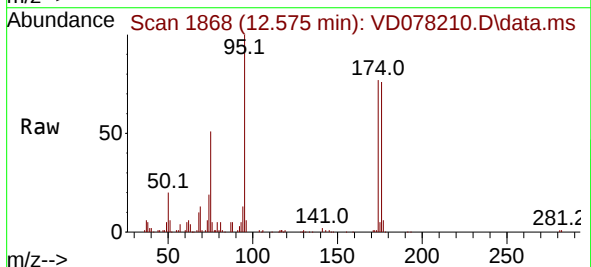
Tgt Ion: 95 Resp: 101988

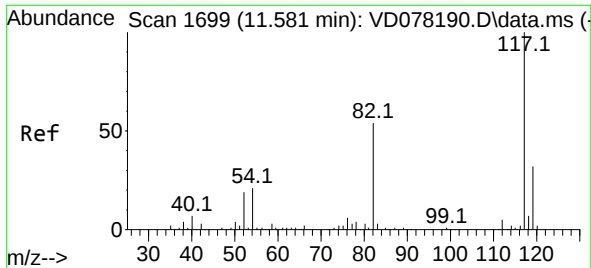
Ion Ratio Lower Upper

95 100

174 81.3 0.0 201.8

176 76.1 0.0 191.8

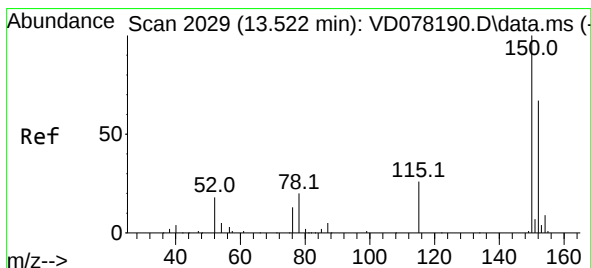
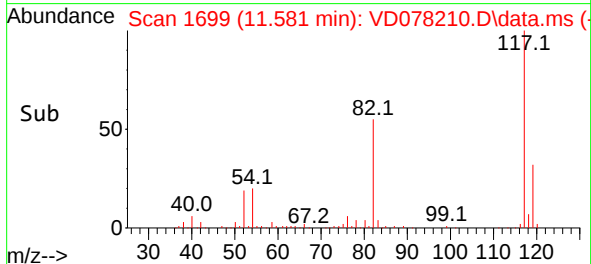
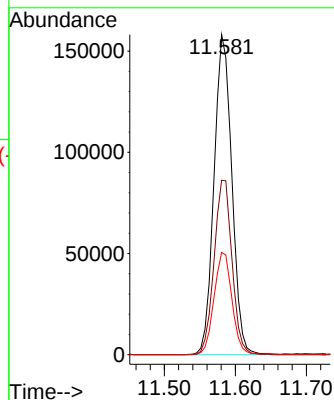
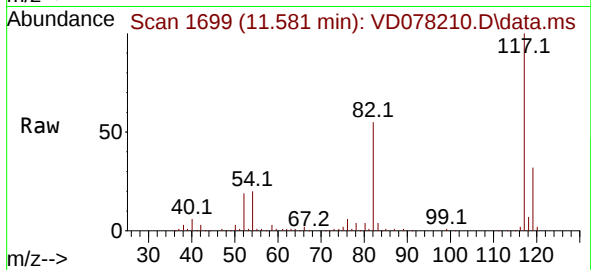




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078210.D
Acq: 23 Jan 2024 16:08

Instrument :
MSVOA_D
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

Tgt Ion:117 Resp: 275322
Ion Ratio Lower Upper
117 100
82 54.5 38.3 57.5
119 31.9 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: VD078210.D
Acq: 23 Jan 2024 16:08

Tgt Ion:152 Resp: 97608
Ion Ratio Lower Upper
152 100
115 61.5 27.1 81.3
150 158.6 0.0 353.6

