

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078675.D
 Acq On : 14 Mar 2024 19:07
 Operator : RP/MD
 Sample : P1746-12
 Misc : 4.99G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-2.0-4.0

Quant Time: Mar 15 05:52:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.887	168	803	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.769	114	1887	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.581	117	1735	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	490	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	978	129.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	259.920%#
35) Dibromofluoromethane	7.799	113	811	66.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.500%
50) Toluene-d8	10.275	98	1663	37.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.440%
62) 4-Bromofluorobenzene	12.569	95	593	45.364	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.720%

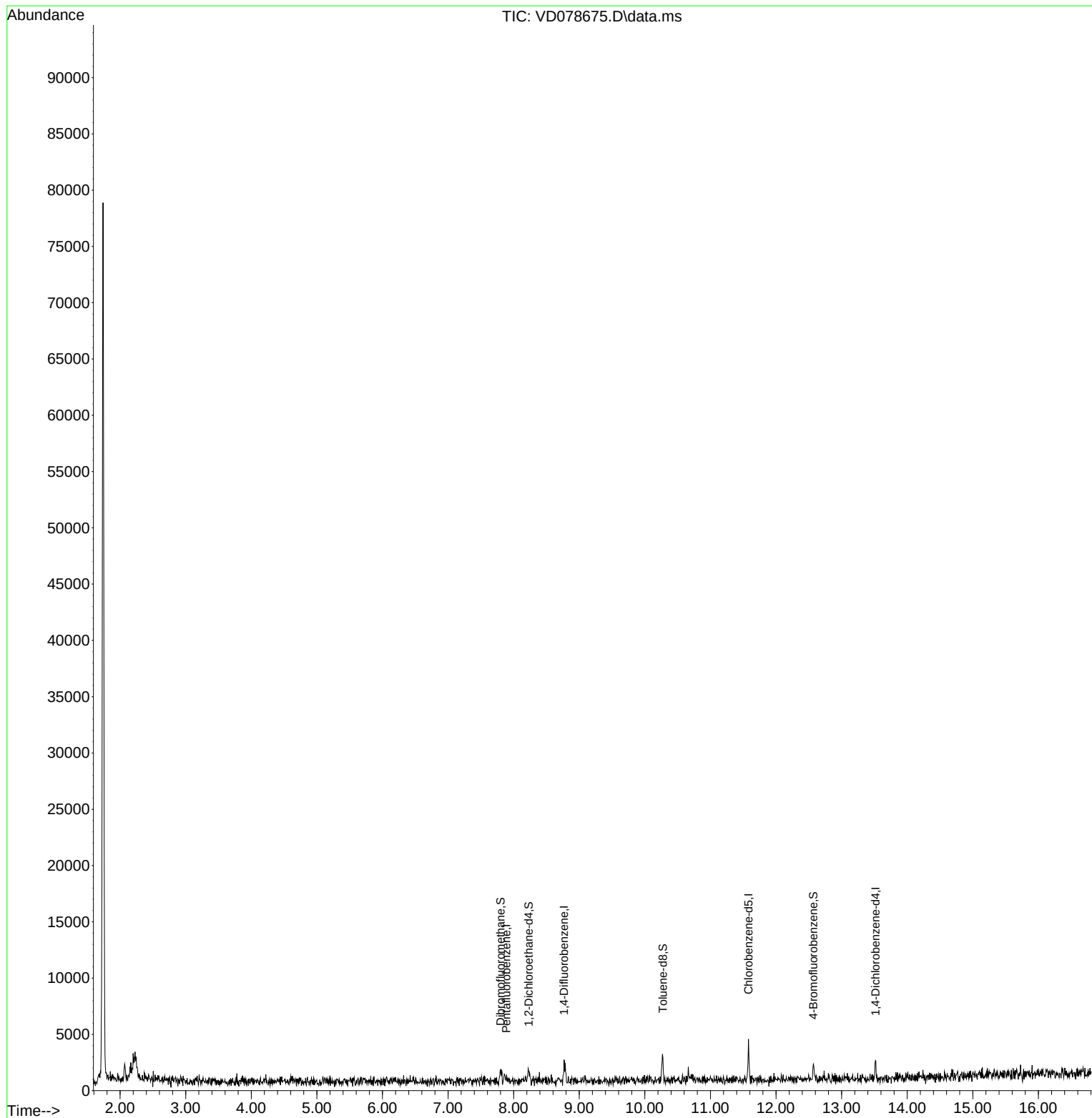
Target Compounds	Qvalue

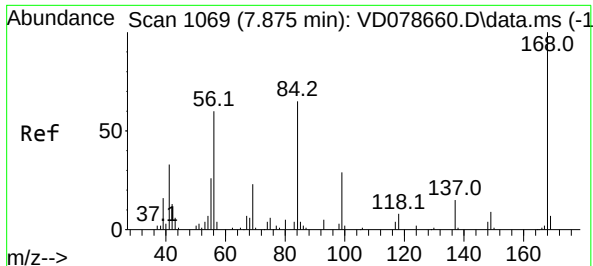
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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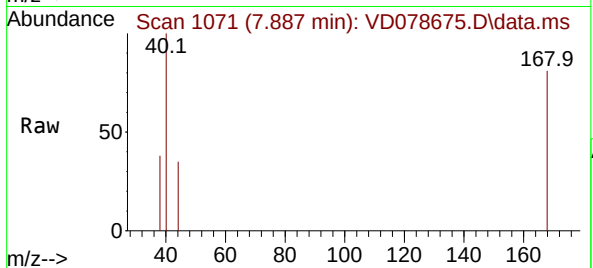
Quant Time: Mar 15 05:52:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
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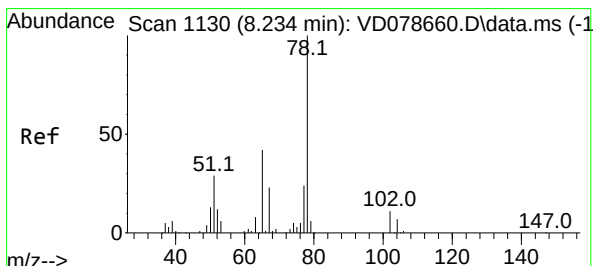
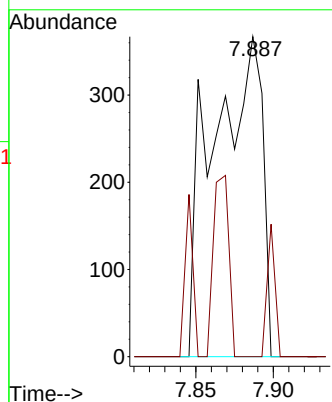
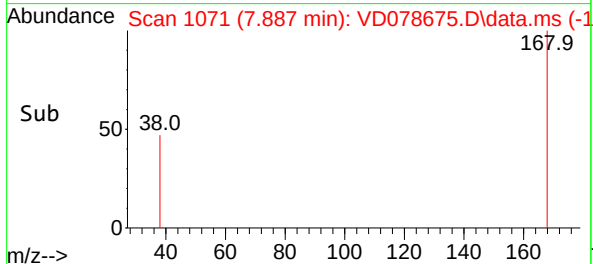


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 1109
Delta R.T. 0.012 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Instrument :
MSVOA_D
ClientSampleId :
SB-04-2.0-4.0

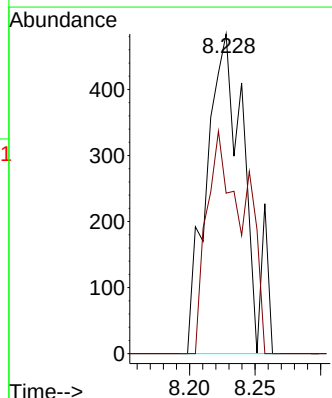
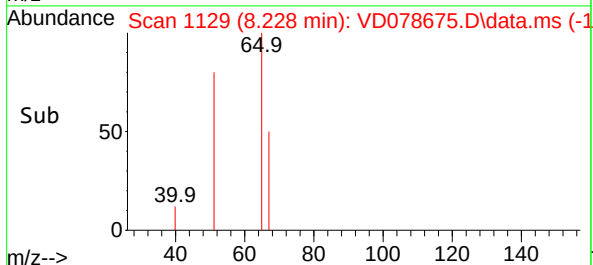
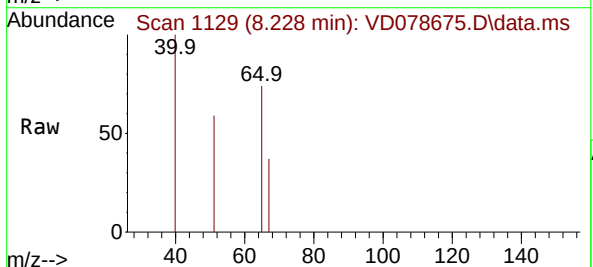


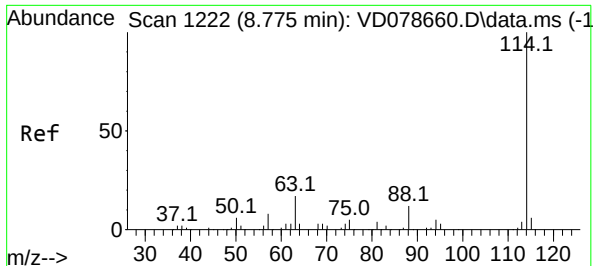
Tgt Ion:168 Resp: 803
Ion Ratio Lower Upper
168 100
99 0.0 38.8 58.2#



#33
1,2-Dichloroethane-d4
Concen: 129.960 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Tgt Ion: 65 Resp: 978
Ion Ratio Lower Upper
65 100
67 68.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078675.D

Acq: 14 Mar 2024 19:07

Instrument :

MSVOA_D

ClientSampleId :

SB-04-2.0-4.0

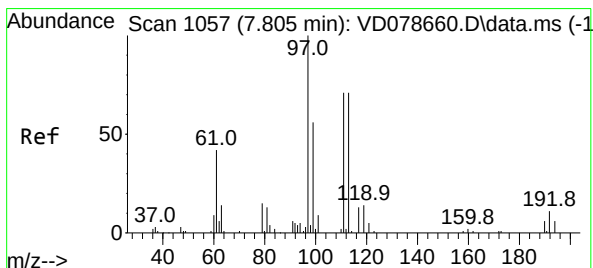
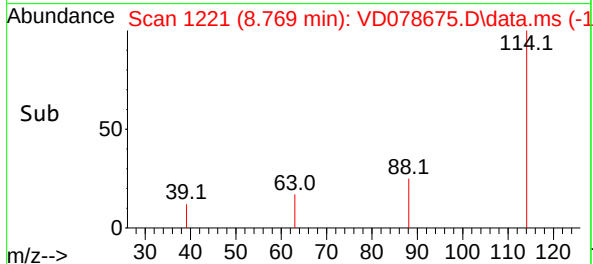
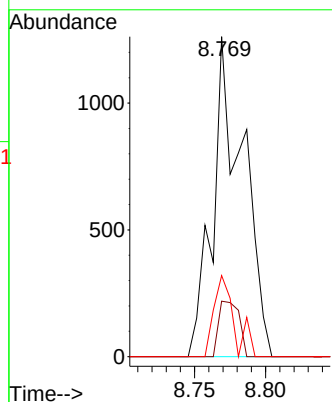
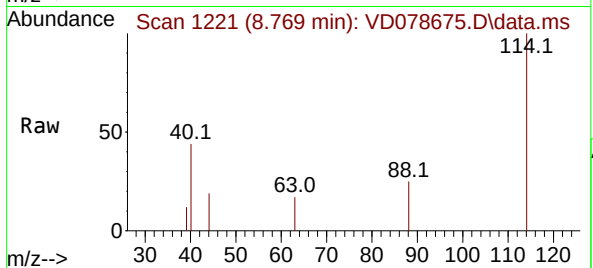
Tgt Ion:114 Resp: 1887

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 25.4 0.0 24.6#



#35

Dibromofluoromethane

Concen: 66.752 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD078675.D

Acq: 14 Mar 2024 19:07

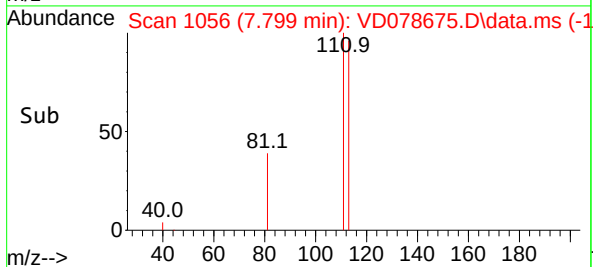
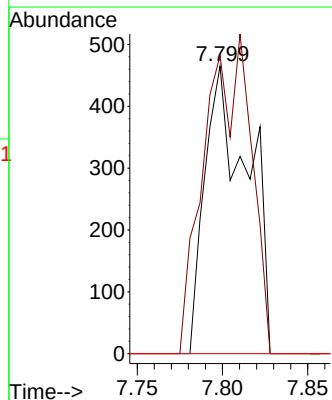
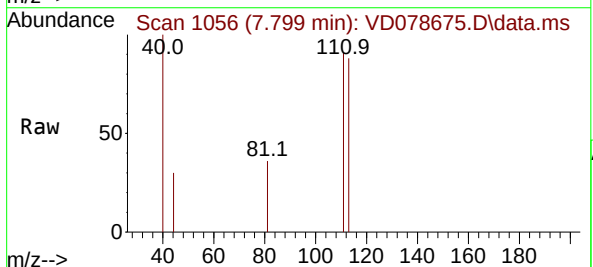
Tgt Ion:113 Resp: 811

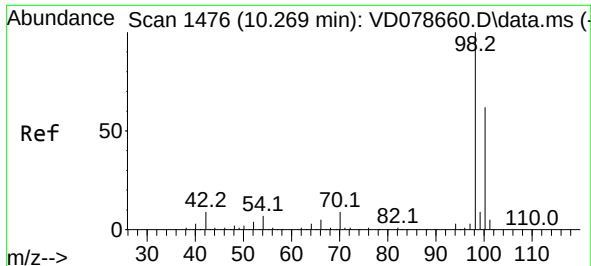
Ion Ratio Lower Upper

113 100

111 120.2 81.9 122.9

192 0.0 15.4 23.0#





#50

Toluene-d8

Concen: 37.219 ug/l

RT: 10.275 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD078675.D

Acq: 14 Mar 2024 19:07

Instrument :

MSVOA_D

ClientSampleId :

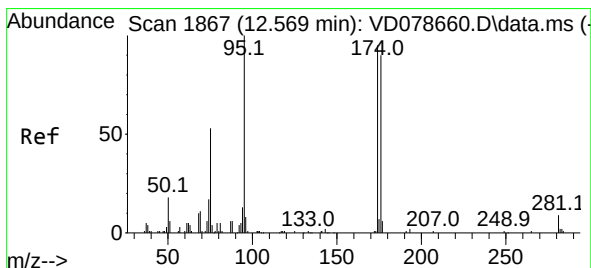
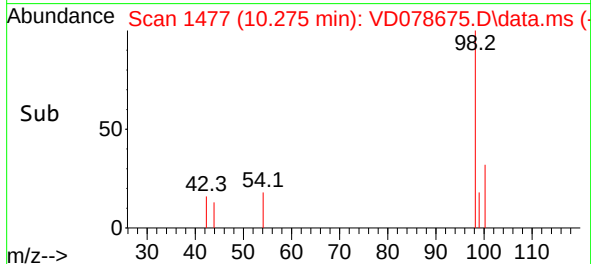
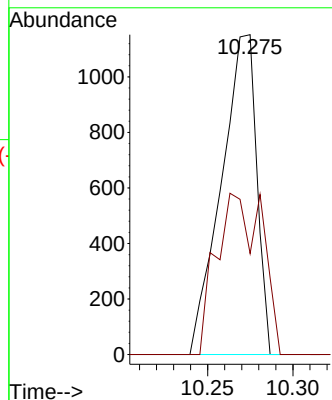
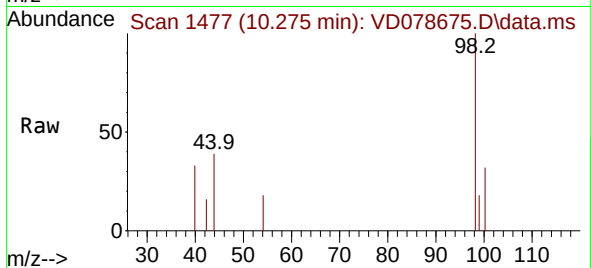
SB-04-2.0-4.0

Tgt Ion: 98 Resp: 1663

Ion Ratio Lower Upper

98 100

100 65.1 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 45.364 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD078675.D

Acq: 14 Mar 2024 19:07

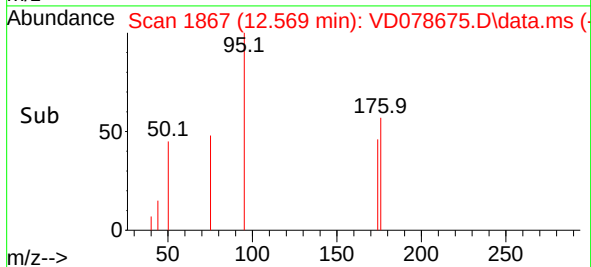
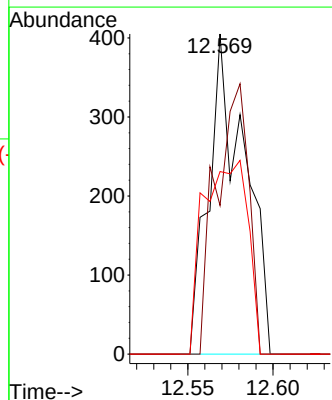
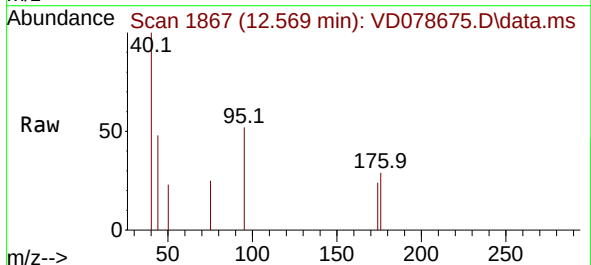
Tgt Ion: 95 Resp: 593

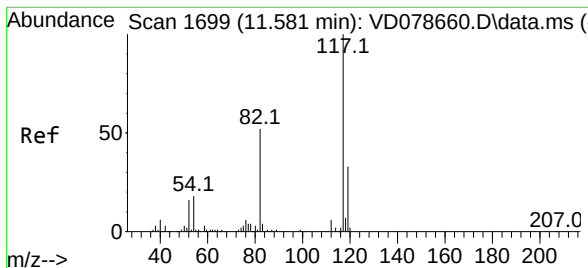
Ion Ratio Lower Upper

95 100

174 76.1 0.0 195.2

176 74.7 0.0 188.2

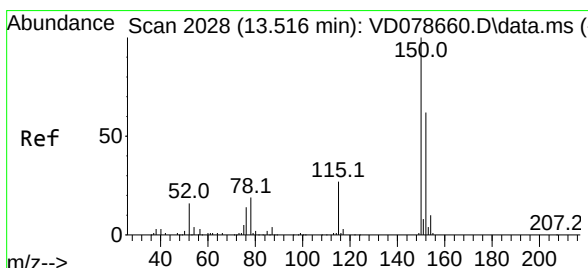
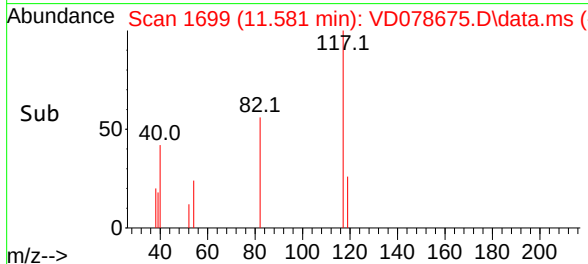
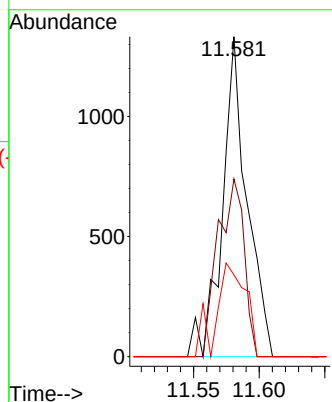
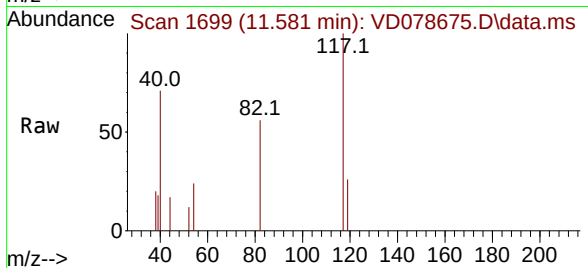




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Instrument :
MSVOA_D
ClientSampleId :
SB-04-2.0-4.0

Tgt Ion:117 Resp: 1735
Ion Ratio Lower Upper
117 100
82 55.6 41.4 62.2
119 25.5 26.5 39.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Tgt Ion:152 Resp: 490
Ion Ratio Lower Upper
152 100
115 41.0 27.1 81.2
150 232.9 0.0 350.2

