

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078699.D
 Acq On : 18 Mar 2024 16:17
 Operator : RP/MD
 Sample : P1767-01RE
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-031424RE

Quant Time: Mar 19 01:28:04 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	7.881	168	81281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	152765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	132749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	43610	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51961	68.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.420%
35) Dibromofluoromethane	7.805	113	55194	56.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.240%
50) Toluene-d8	10.269	98	181617	50.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.575	95	40168	37.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.920%

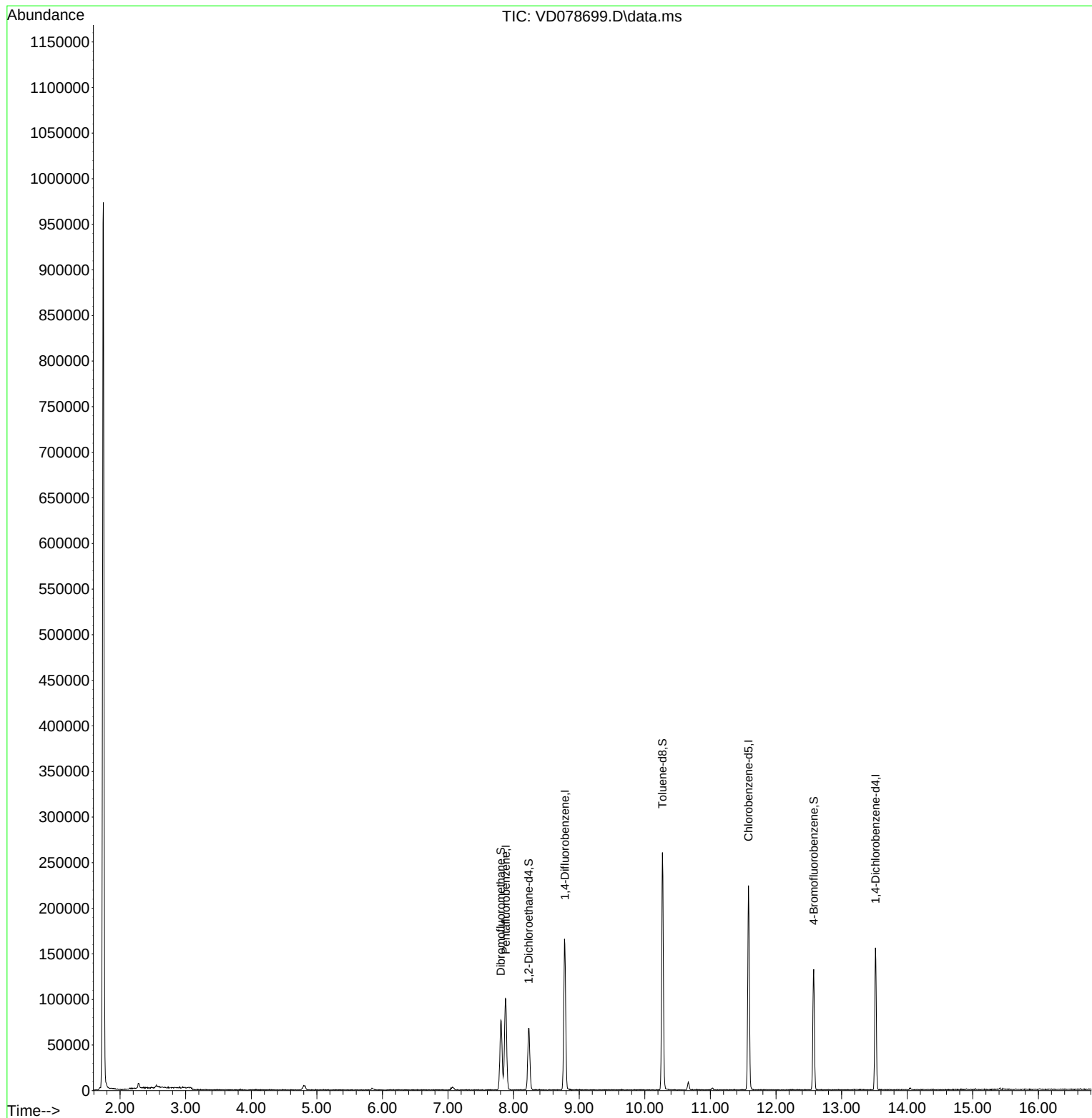
Target Compounds	Qvalue

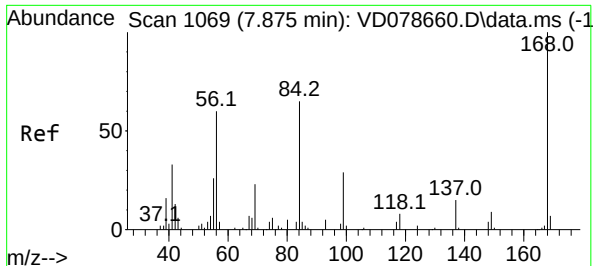
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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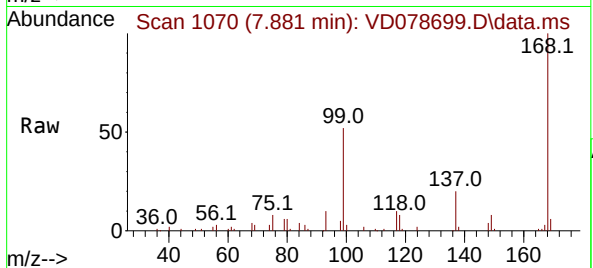
Quant Time: Mar 19 01:28:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
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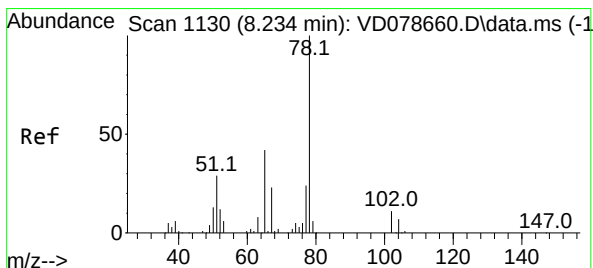
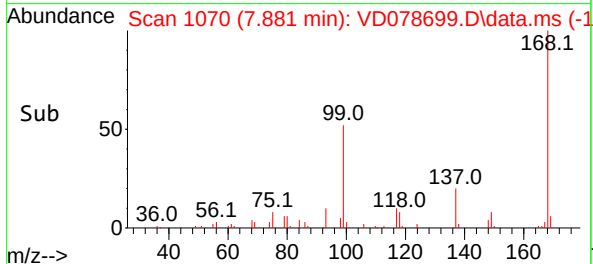
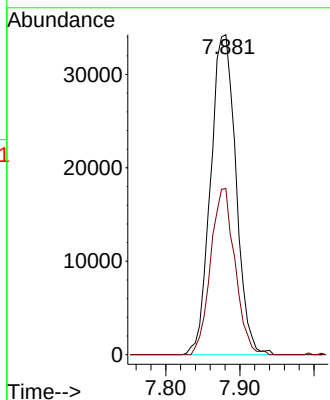


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD078699.D
Acq: 18 Mar 2024 16:17

Instrument :
MSVOA_D
ClientSampleId :
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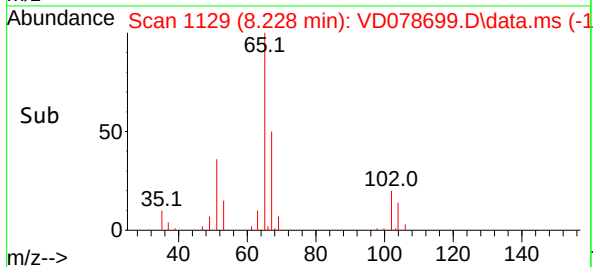
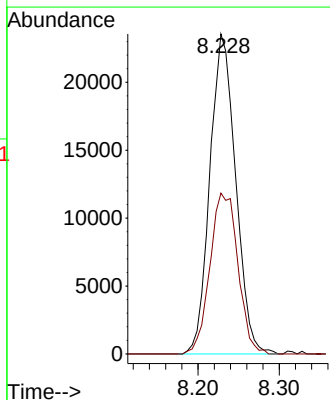
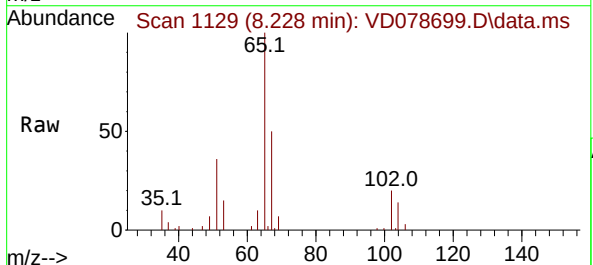


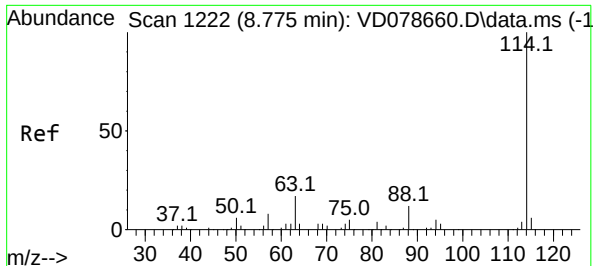
Tgt Ion:168 Resp: 81281
Ion Ratio Lower Upper
168 100
99 51.9 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 68.214 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078699.D
Acq: 18 Mar 2024 16:17

Tgt Ion: 65 Resp: 51961
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078699.D

Acq: 18 Mar 2024 16:17

Instrument :

MSVOA_D

ClientSampleId :

NB-07-031424RE

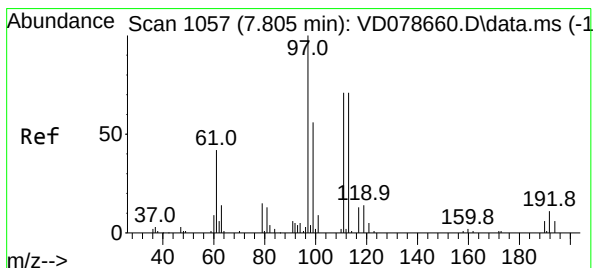
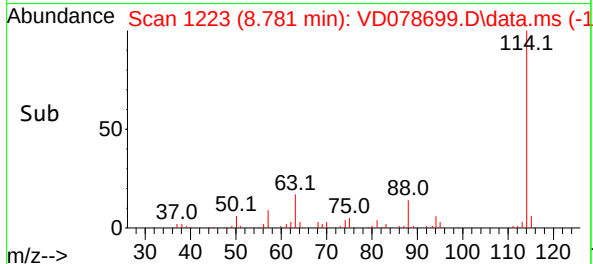
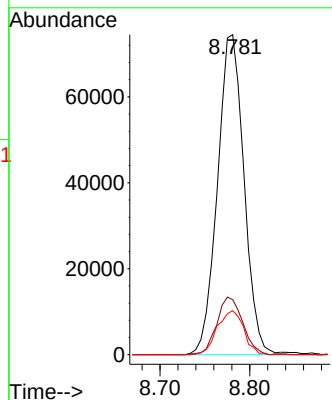
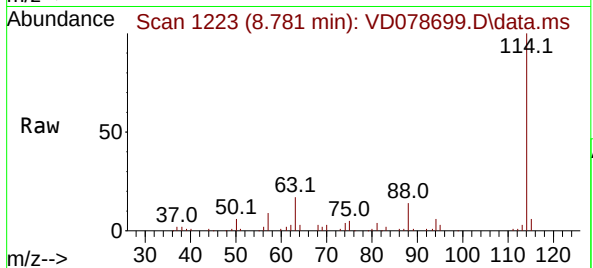
Tgt Ion:114 Resp: 152765

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.8 0.0 24.6



#35

Dibromofluoromethane

Concen: 56.116 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078699.D

Acq: 18 Mar 2024 16:17

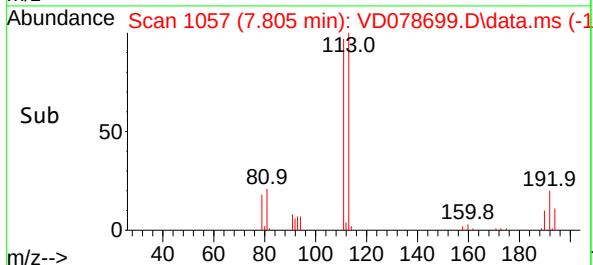
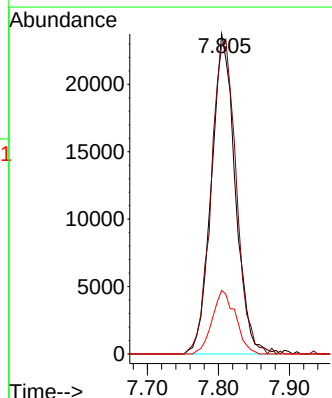
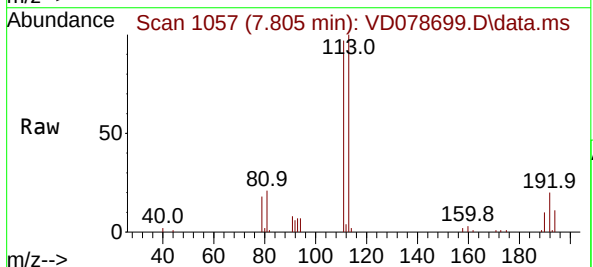
Tgt Ion:113 Resp: 55194

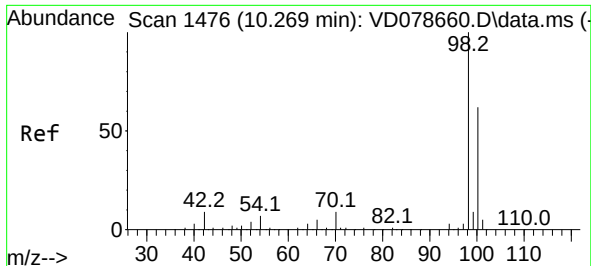
Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 19.4 15.4 23.0

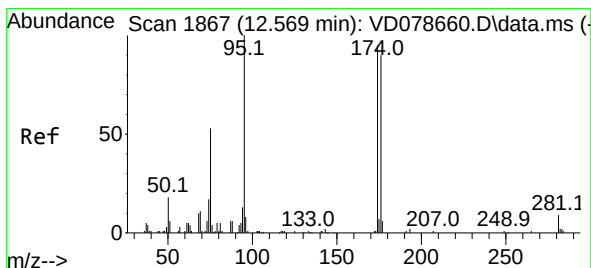
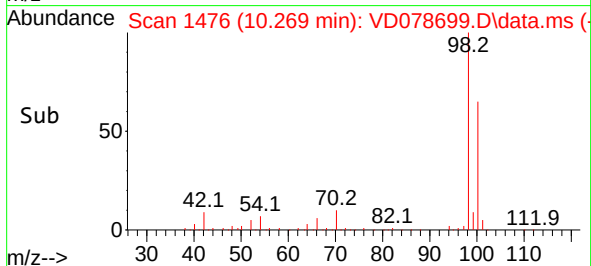
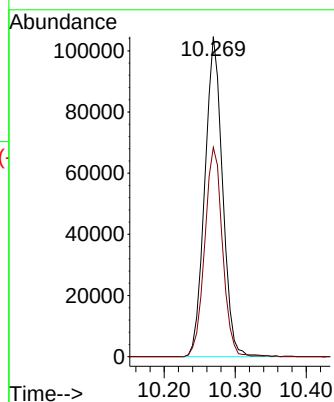
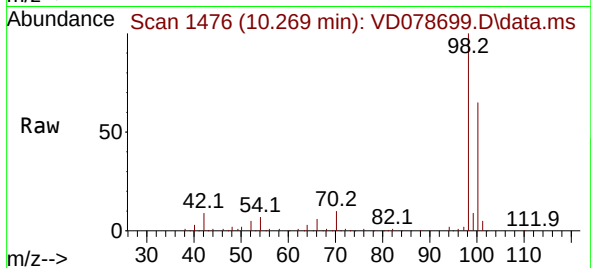




#50
Toluene-d8
Concen: 50.208 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078699.D
Acq: 18 Mar 2024 16:17

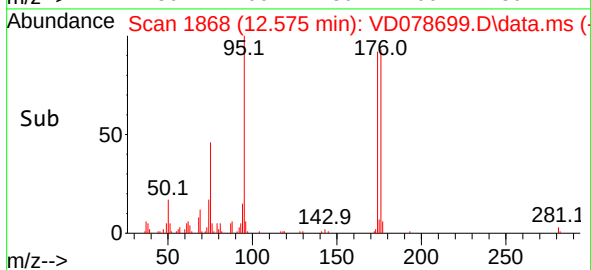
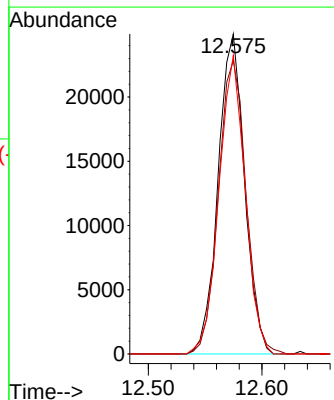
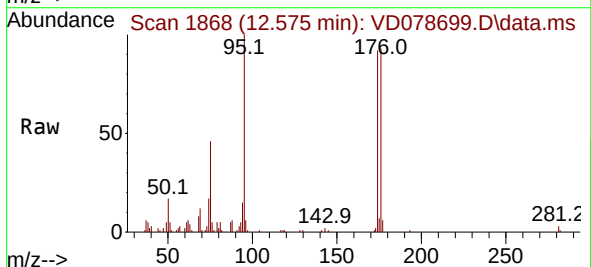
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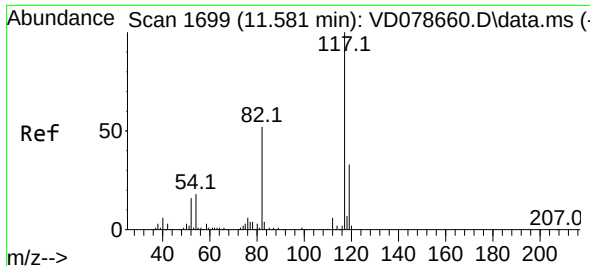
Tgt Ion: 98 Resp: 181617
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 37.957 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078699.D
Acq: 18 Mar 2024 16:17

Tgt Ion: 95 Resp: 40168
Ion Ratio Lower Upper
95 100
174 96.3 0.0 195.2
176 92.3 0.0 188.2

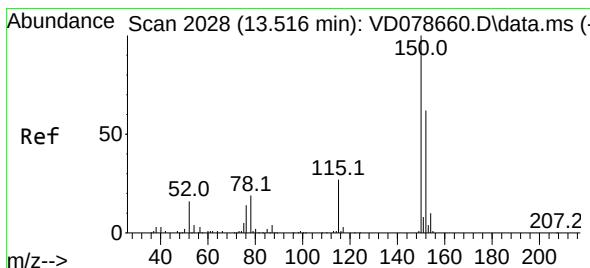
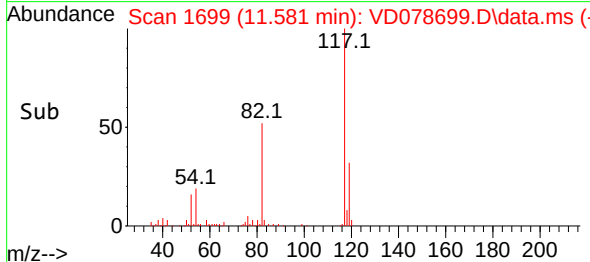
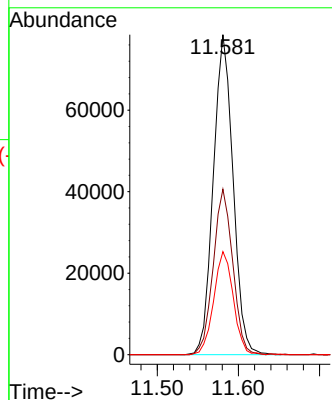
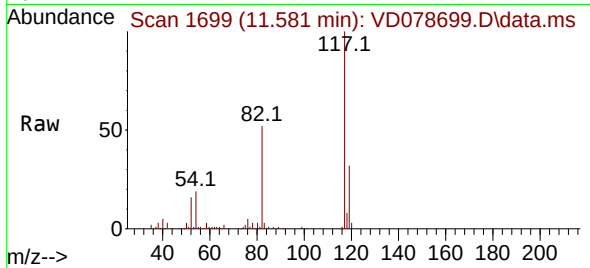




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078699.D
Acq: 18 Mar 2024 16:17

Instrument :
MSVOA_D
ClientSampleId :
NB-07-031424RE

Tgt Ion:117 Resp: 132749
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.2
119 32.2 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: VD078699.D
Acq: 18 Mar 2024 16:17

Tgt Ion:152 Resp: 43610
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.2
150 156.5 0.0 350.2

