

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074375.D
 Acq On : 20 Sep 2022 19:41
 Operator : VA/SY
 Sample : N4668-09
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A1-6-18

Quant Time: Sep 21 02:25:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

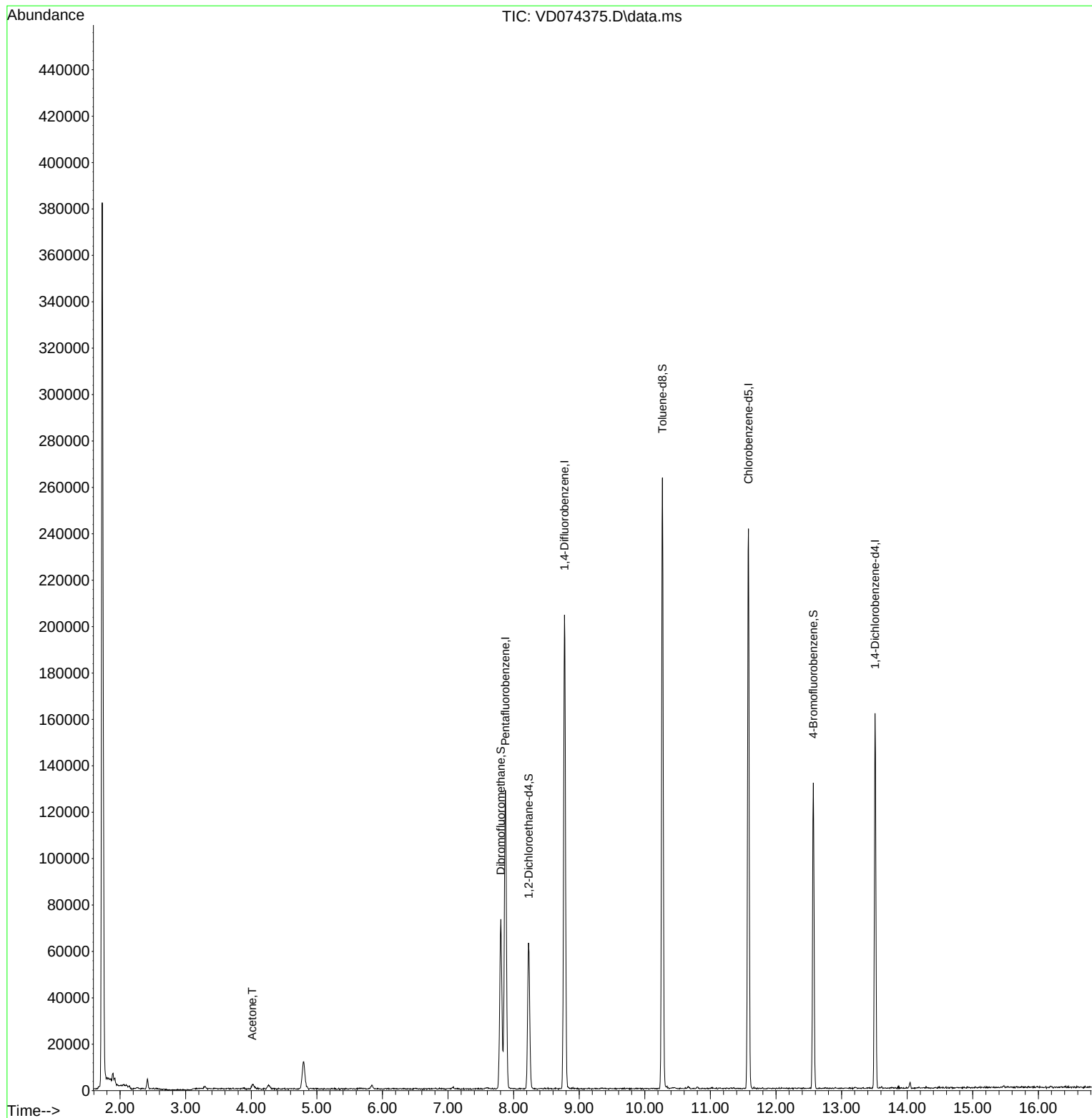
Internal Standards						
1) Pentafluorobenzene	7.875	168	99804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	180281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	138008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	43036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49250	50.663	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.320%
35) Dibromofluoromethane	7.805	113	51850	43.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.340%
50) Toluene-d8	10.269	98	180692	44.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.200%
62) 4-Bromofluorobenzene	12.569	95	39875	25.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.940%
Target Compounds						
16) Acetone	4.016	43	3343	15.264	ug/l	90

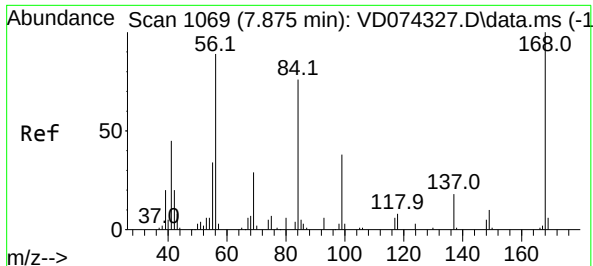
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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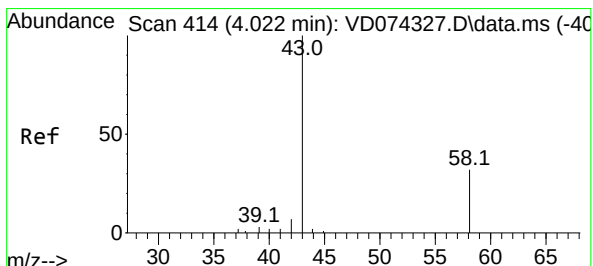
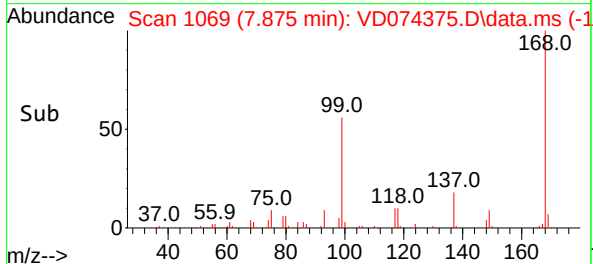
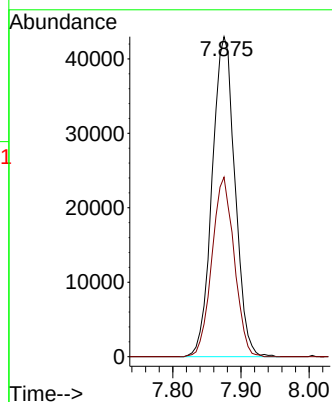
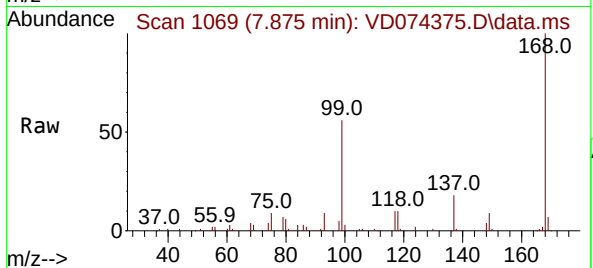




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074375.D
Acq: 20 Sep 2022 19:41

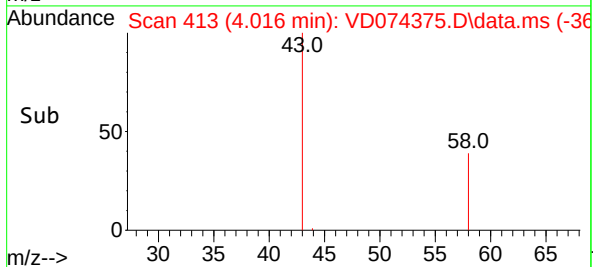
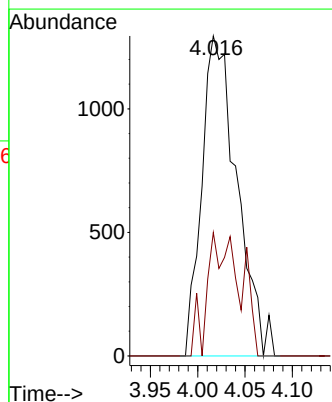
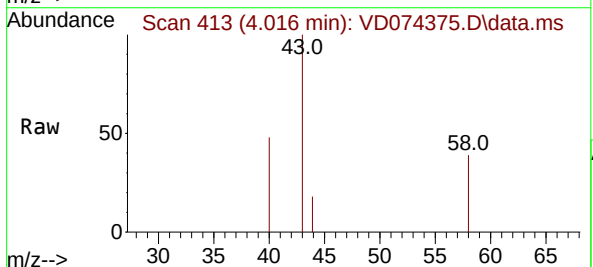
Instrument :
MSVOA_D
ClientSampleId :
A1-6-18

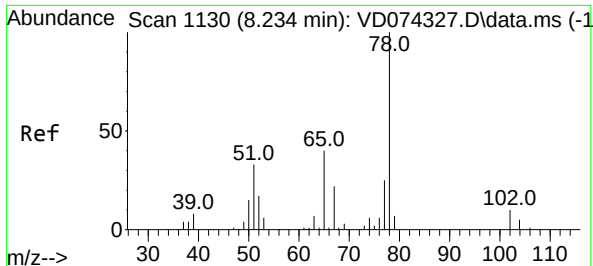
Tgt Ion:168 Resp: 99804
Ion Ratio Lower Upper
168 100
99 56.1 43.0 64.6



#16
Acetone
Concen: 15.264 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074375.D
Acq: 20 Sep 2022 19:41

Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
58 38.5 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 50.663 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074375.D

Acq: 20 Sep 2022 19:41

Instrument :

MSVOA_D

ClientSampleId :

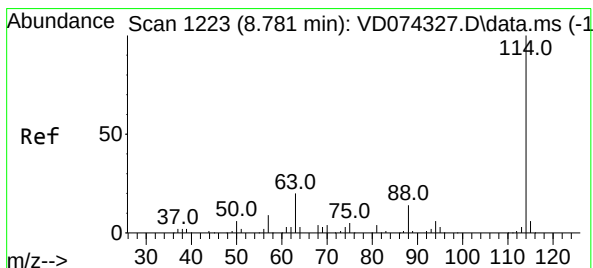
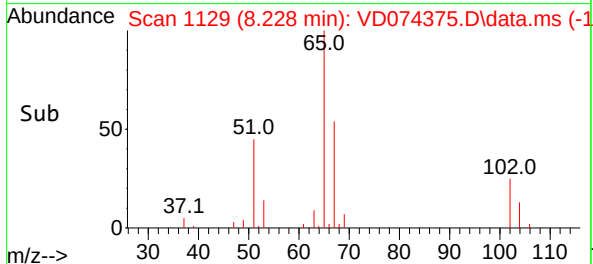
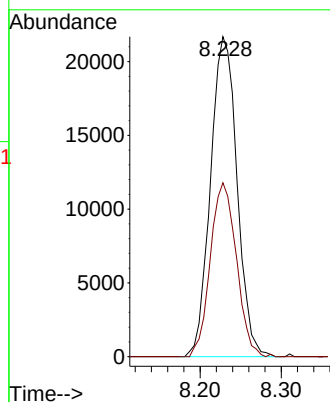
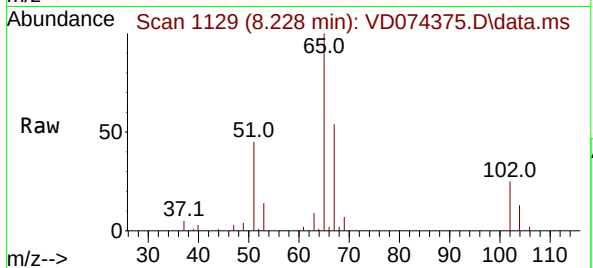
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Tgt Ion: 65 Resp: 49250

Ion Ratio Lower Upper

65 100

67 53.4 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074375.D

Acq: 20 Sep 2022 19:41

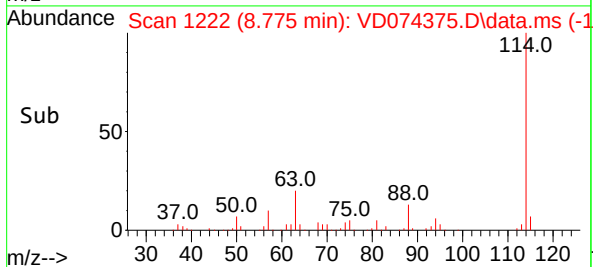
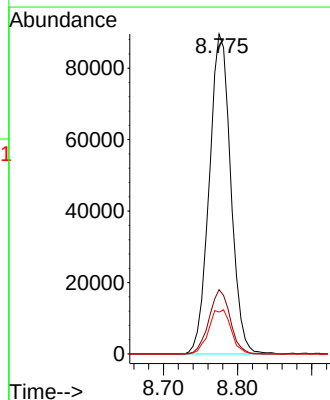
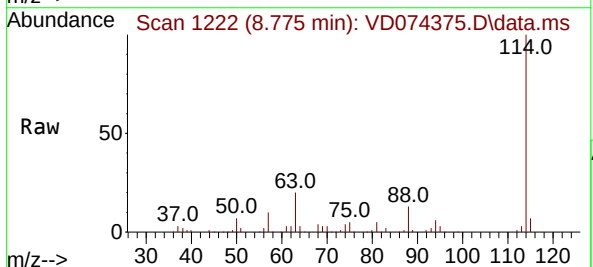
Tgt Ion: 114 Resp: 180281

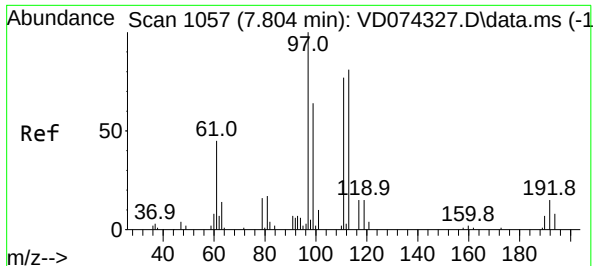
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.6

88 13.1 0.0 28.4





#35

Dibromofluoromethane

Concen: 43.669 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074375.D

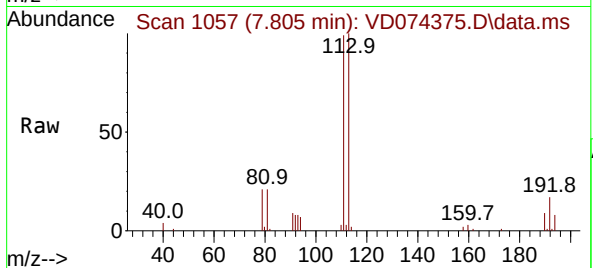
Acq: 20 Sep 2022 19:41

Instrument :

MSVOA_D

ClientSampleId :

A1-6-18



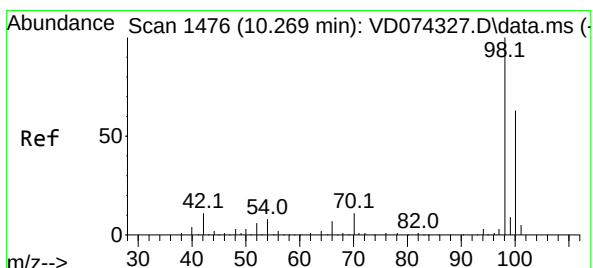
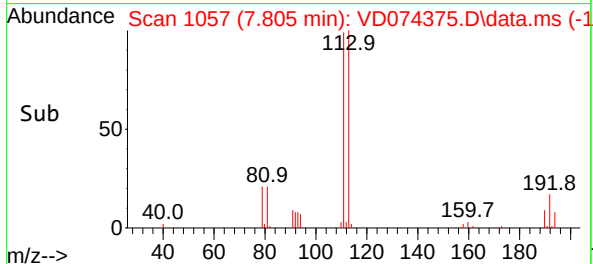
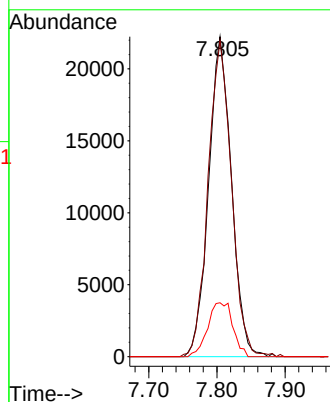
Tgt Ion:113 Resp: 51850

Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.6

192 18.6 16.2 24.2



#50

Toluene-d8

Concen: 44.105 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074375.D

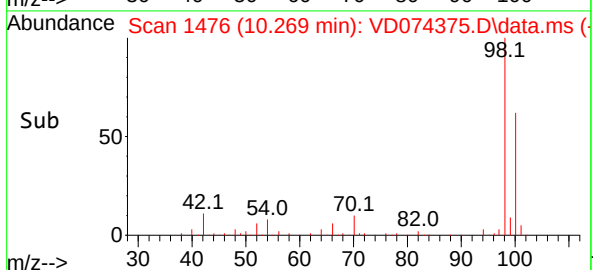
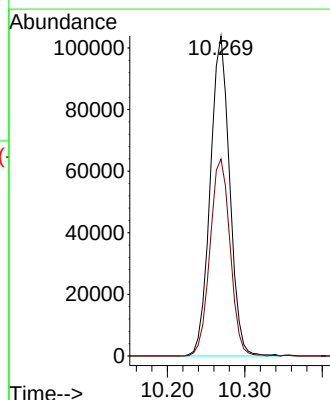
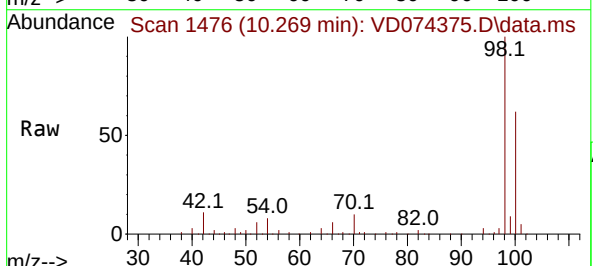
Acq: 20 Sep 2022 19:41

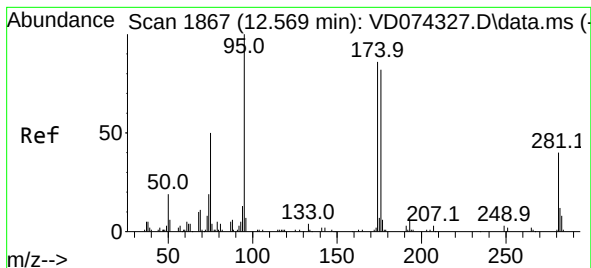
Tgt Ion: 98 Resp: 180692

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.8

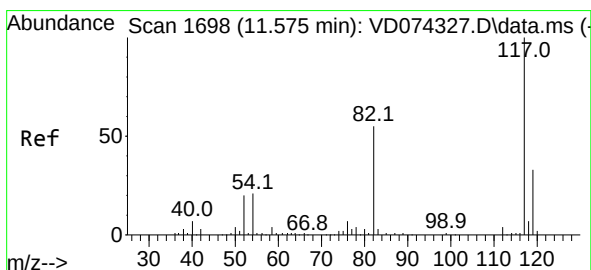
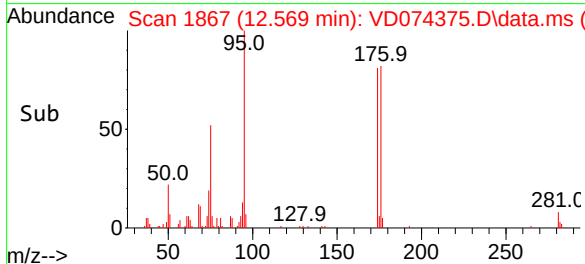
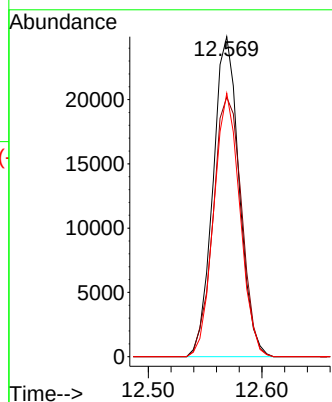
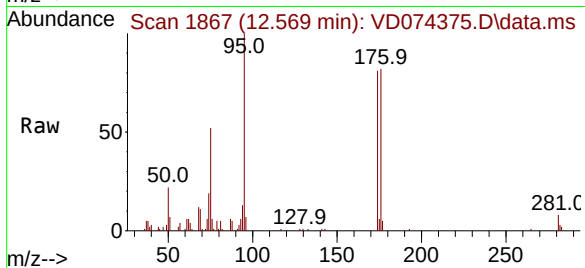




#62
4-Bromofluorobenzene
Concen: 25.973 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074375.D
Acq: 20 Sep 2022 19:41

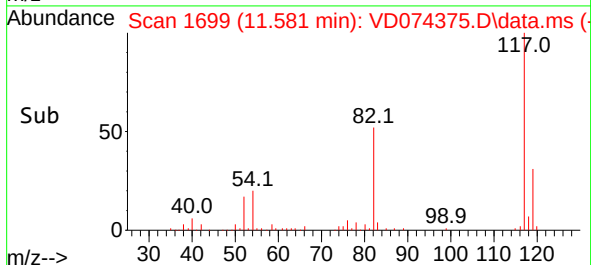
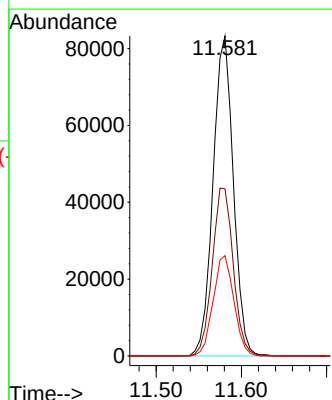
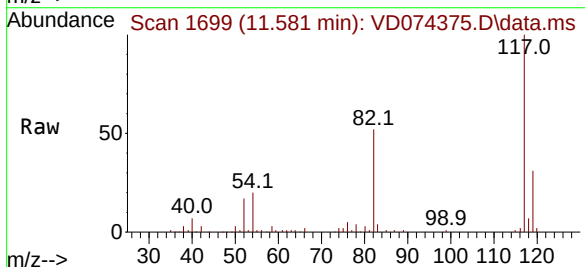
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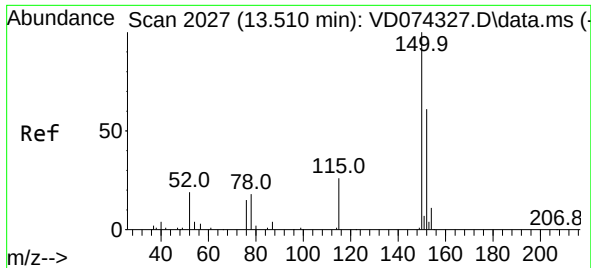
Tgt Ion: 95 Resp: 39875
Ion Ratio Lower Upper
95 100
174 87.9 0.0 179.2
176 82.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074375.D
Acq: 20 Sep 2022 19:41

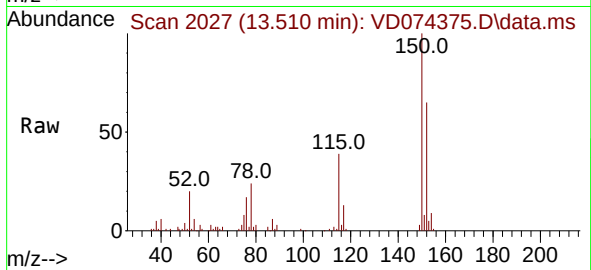
Tgt Ion: 117 Resp: 138008
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 31.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074375.D
 Acq: 20 Sep 2022 19:41

Instrument :
 MSVOA_D
 ClientSampleId :
 A1-6-18



Tgt Ion:152 Resp: 43036
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.4 85.2
 150 156.1 0.0 351.0

