

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074441.D
 Acq On : 27 Sep 2022 13:20
 Operator : VA/SY
 Sample : N4668-12RE
 Misc : 6.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A3-8-18RE

Quant Time: Sep 28 04:39:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

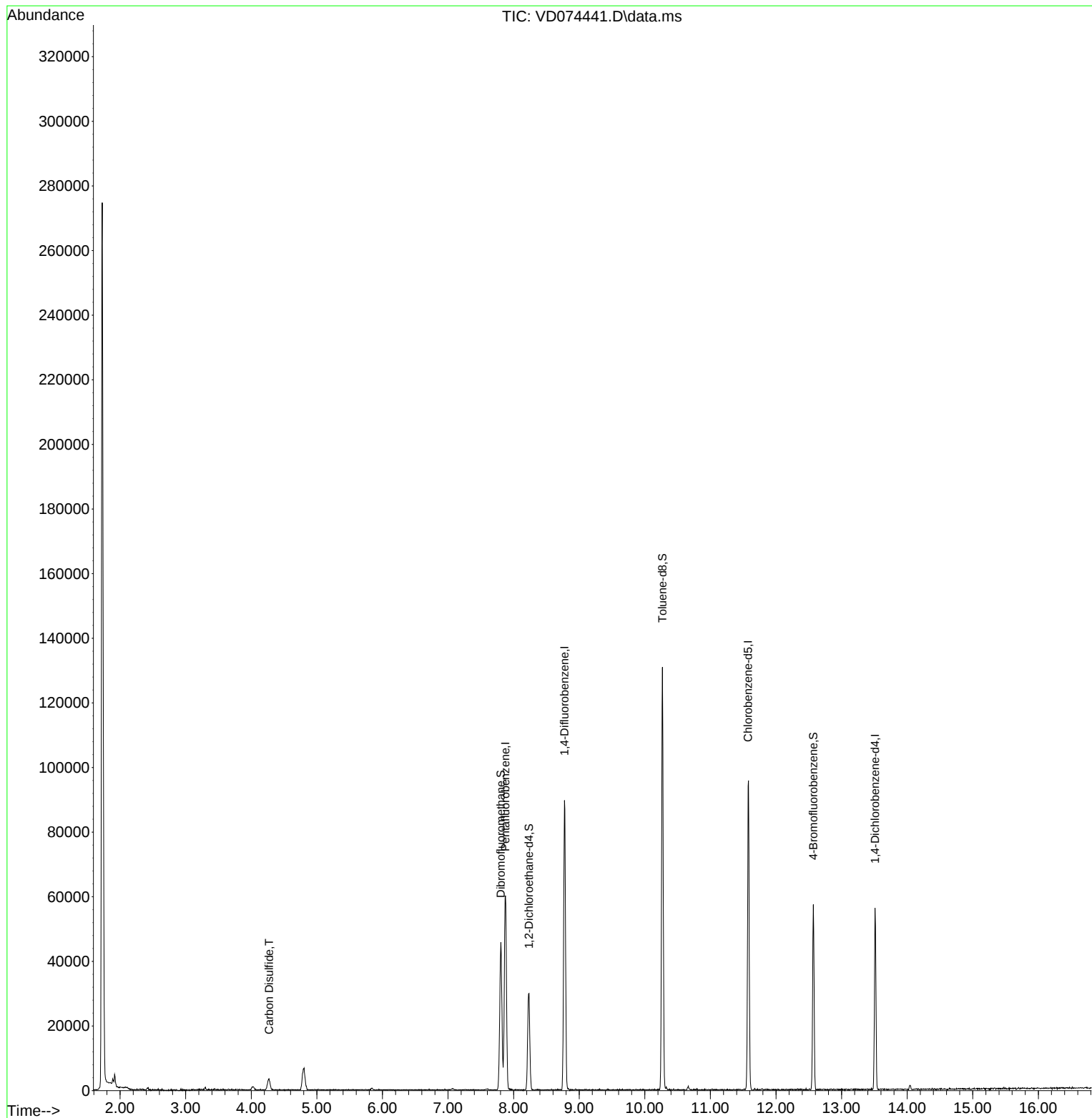
Internal Standards						
1) Pentafluorobenzene	7.875	168	52589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	86288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	59814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	16394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24841	54.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.805	113	32689	56.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.480%	
50) Toluene-d8	10.269	98	92492	47.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.260%	
62) 4-Bromofluorobenzene	12.569	95	17749	22.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 45.300%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.269	76	7640	4.550	ug/l	99

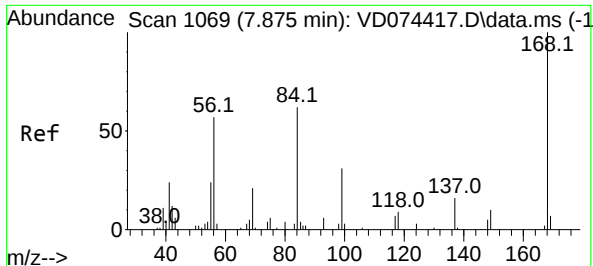
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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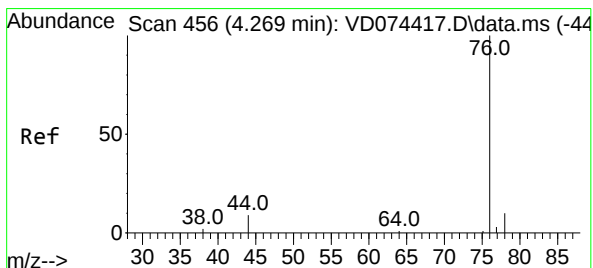
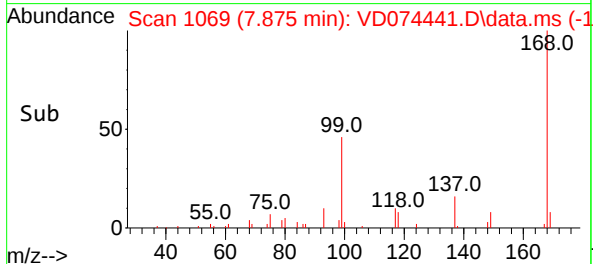
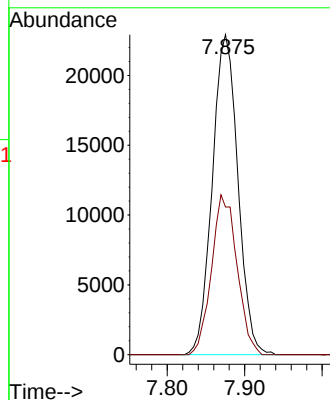
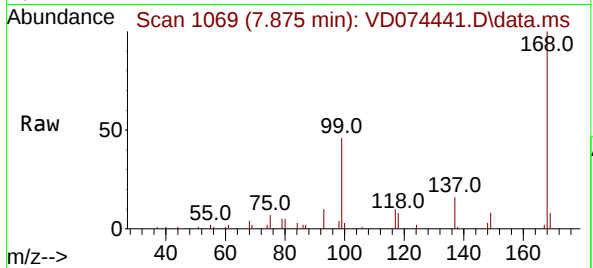




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

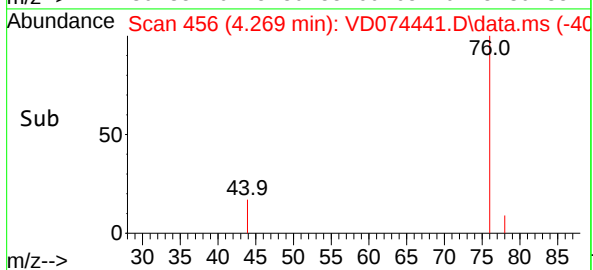
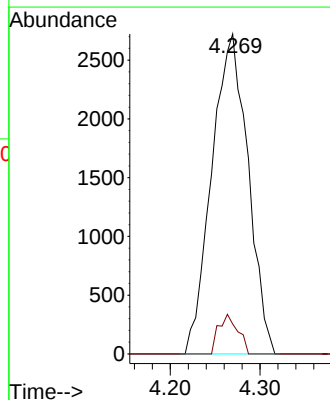
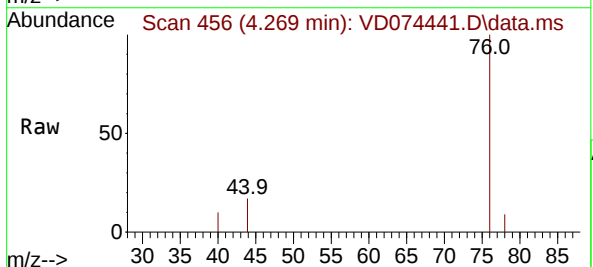
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18RE

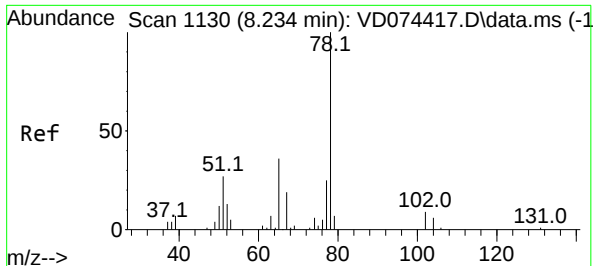
Tgt Ion:168 Resp: 52589
Ion Ratio Lower Upper
168 100
99 46.1 40.9 61.3



#17
Carbon Disulfide
Concen: 4.550 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Tgt Ion: 76 Resp: 7640
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8





#33

1,2-Dichloroethane-d4

Concen: 54.866 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074441.D

Acq: 27 Sep 2022 13:20

Instrument :

MSVOA_D

ClientSampleId :

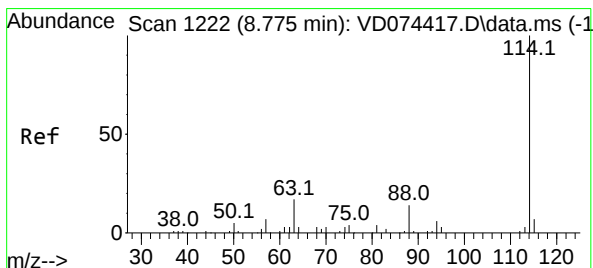
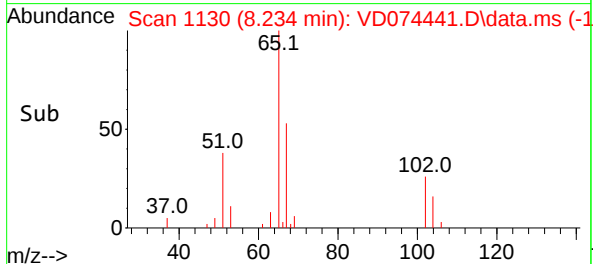
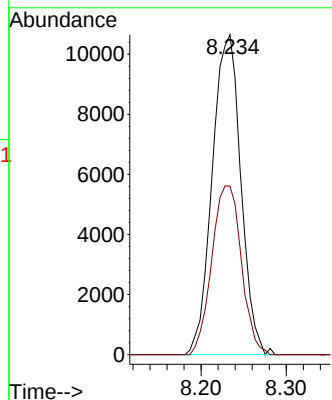
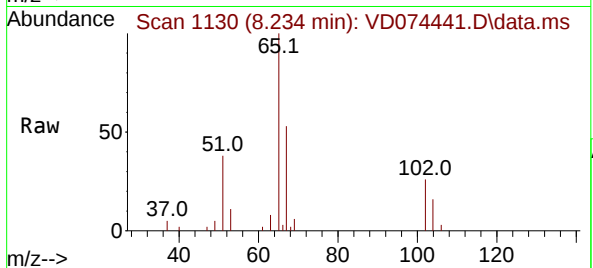
A3-8-18RE

Tgt Ion: 65 Resp: 24841

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074441.D

Acq: 27 Sep 2022 13:20

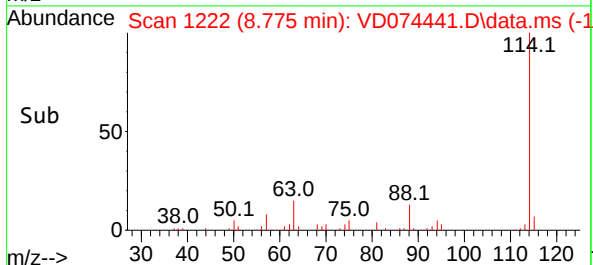
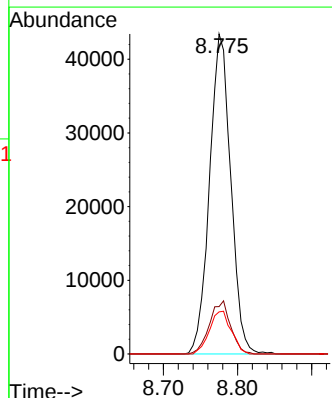
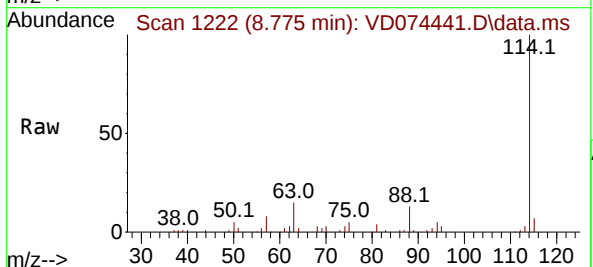
Tgt Ion: 114 Resp: 86288

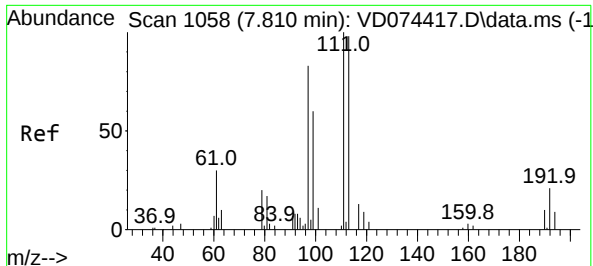
Ion Ratio Lower Upper

114 100

63 14.8 0.0 33.2

88 13.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 56.737 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD074441.D

Acq: 27 Sep 2022 13:20

Instrument :

MSVOA_D

ClientSampleId :

A3-8-18RE

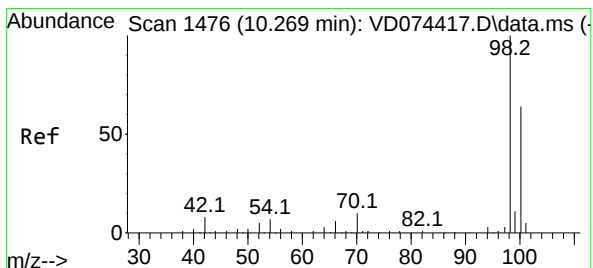
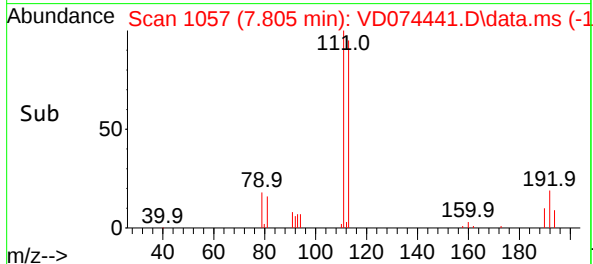
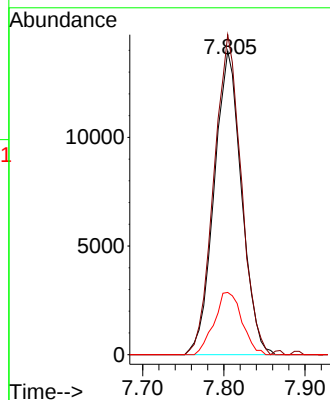
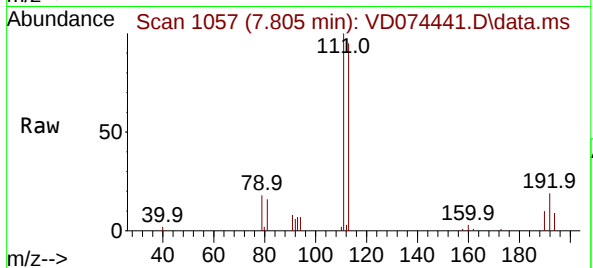
Tgt Ion:113 Resp: 32689

Ion Ratio Lower Upper

113 100

111 105.1 82.3 123.5

192 20.8 16.4 24.6



#50

Toluene-d8

Concen: 47.135 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074441.D

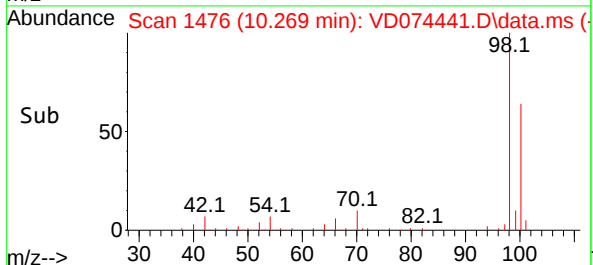
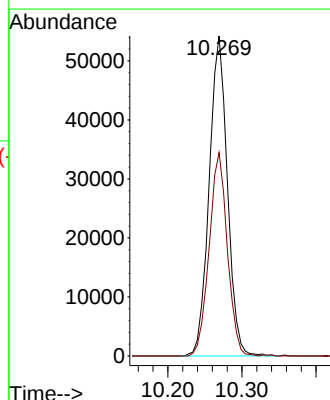
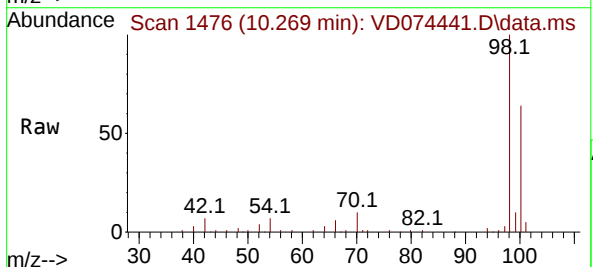
Acq: 27 Sep 2022 13:20

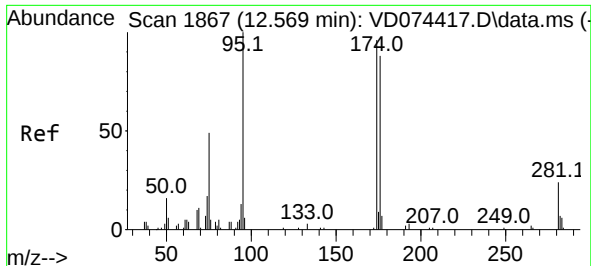
Tgt Ion: 98 Resp: 92492

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0

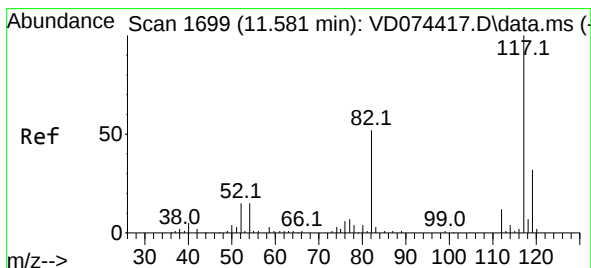
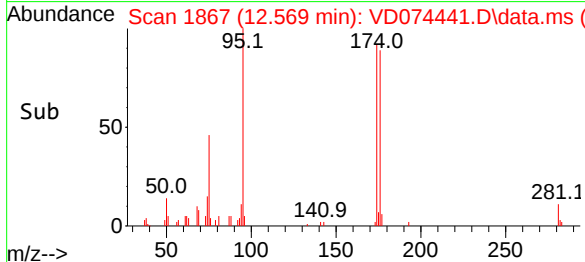
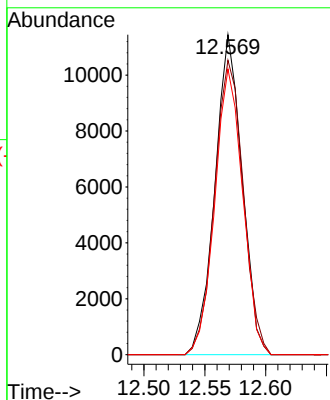
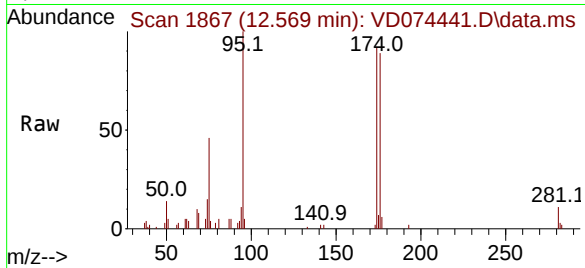




#62
4-Bromofluorobenzene
Concen: 22.654 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

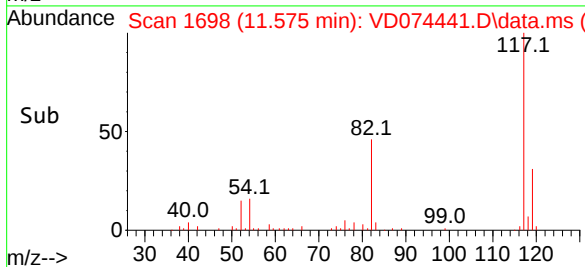
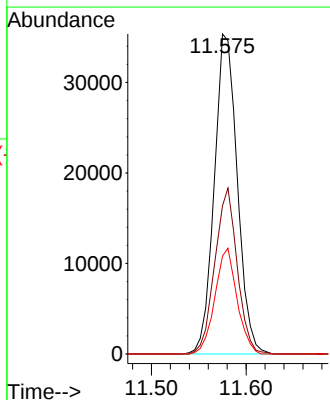
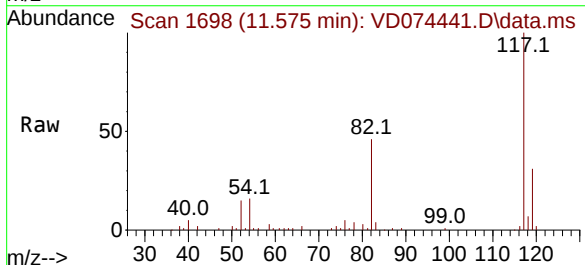
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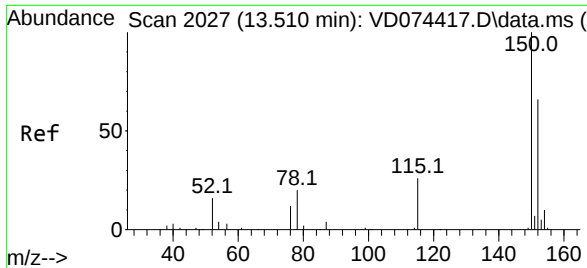
Tgt Ion: 95 Resp: 17749
Ion Ratio Lower Upper
95 100
174 97.1 0.0 197.0
176 91.8 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

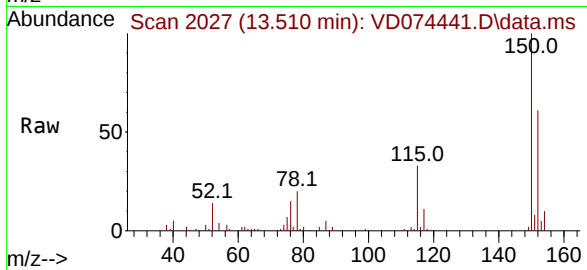
Tgt Ion: 117 Resp: 59814
Ion Ratio Lower Upper
117 100
82 46.3 41.6 62.4
119 30.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074441.D
 Acq: 27 Sep 2022 13:20

Instrument :
 MSVOA_D
 ClientSampleId :
 A3-8-18RE



Tgt Ion:152 Resp: 16394
 Ion Ratio Lower Upper
 152 100
 115 54.7 26.8 80.4
 150 156.6 0.0 348.2

