

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074386.D
 Acq On : 21 Sep 2022 13:49
 Operator : VA/SY
 Sample : N4641-14RE
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A2-5-18RE

Quant Time: Sep 22 05:12:10 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)

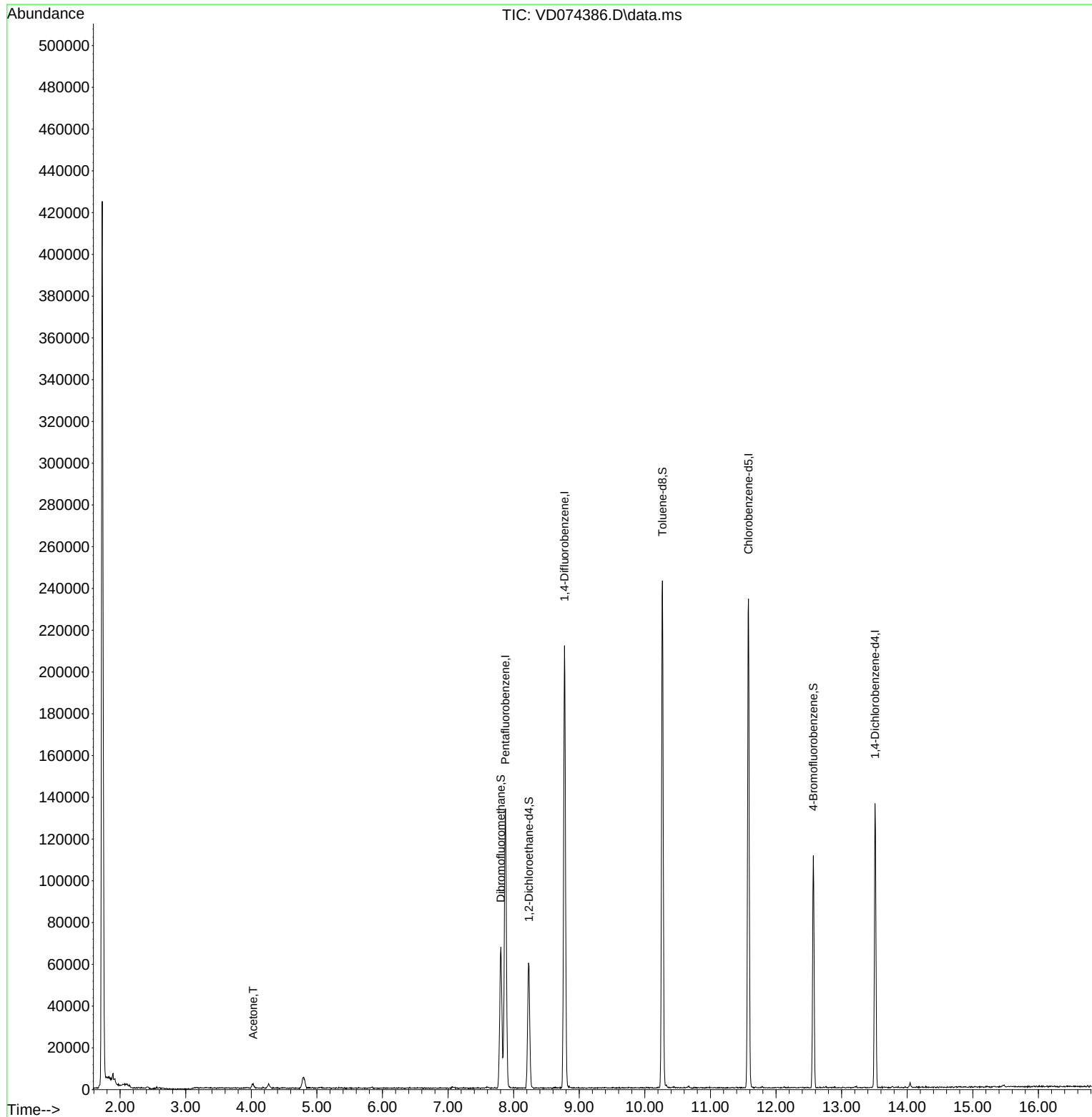
Internal Standards						
1) Pentafluorobenzene	7.875	168	103149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	136536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	36211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46675	46.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.920%		
35) Dibromofluoromethane	7.804	113	47093	38.794	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	77.580%		
50) Toluene-d8	10.269	98	171031	40.833	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.660%		
62) 4-Bromofluorobenzene	12.569	95	34059	20.637	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	41.280%		
Target Compounds						
16) Acetone	4.028	43	3400	15.021	ug/l	99

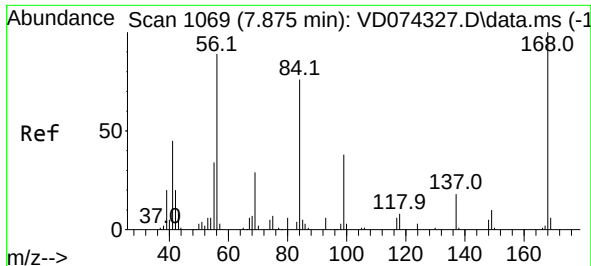
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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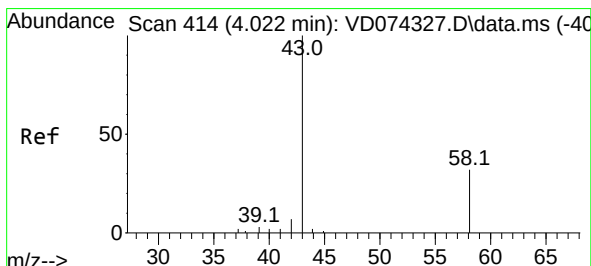
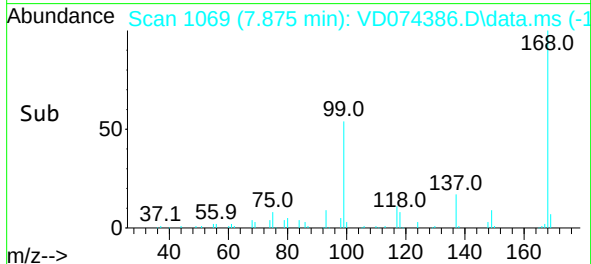
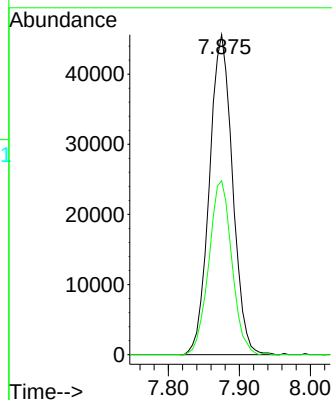
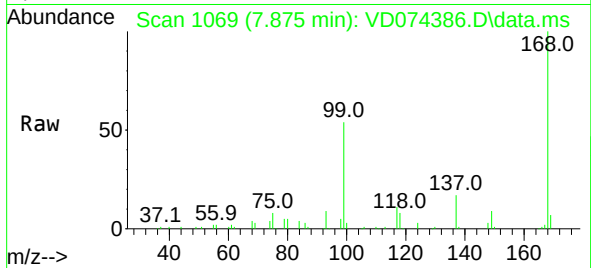




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

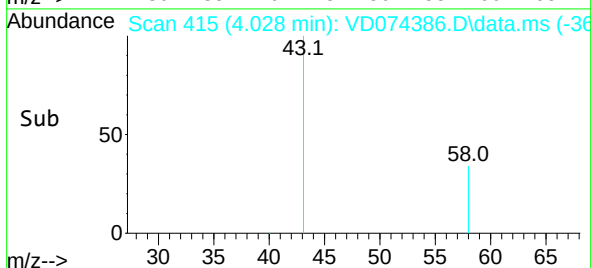
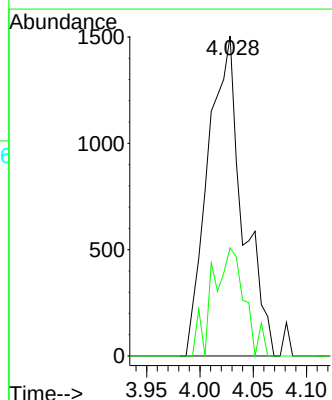
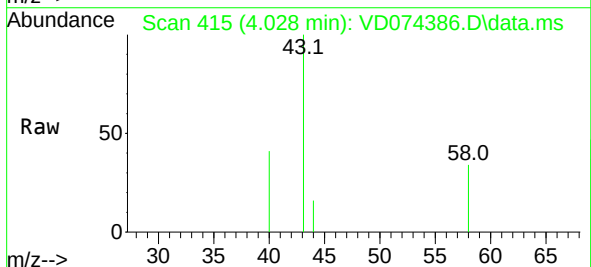
Instrument :
MSVOA_D
ClientSampleId :
A2-5-18RE

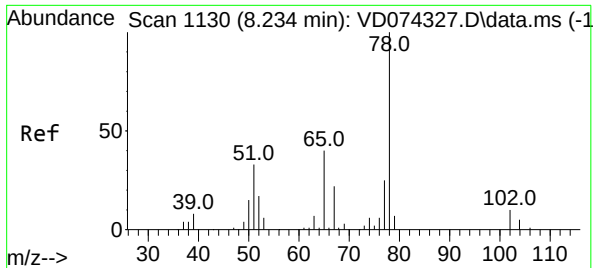
Tgt Ion:168 Resp: 103149
Ion Ratio Lower Upper
168 100
99 54.3 43.0 64.6



#16
Acetone
Concen: 15.021 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

Tgt Ion: 43 Resp: 3400
Ion Ratio Lower Upper
43 100
58 33.8 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 46.457 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074386.D

Acq: 21 Sep 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :

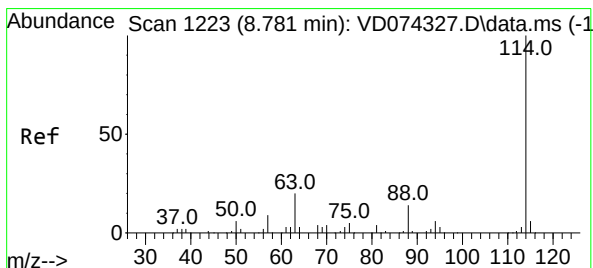
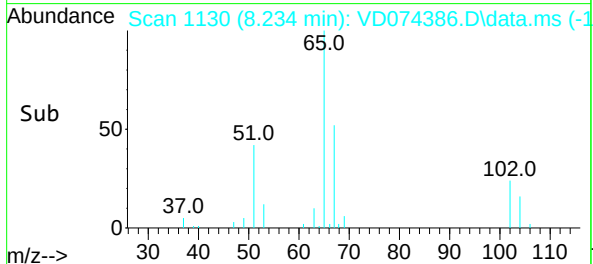
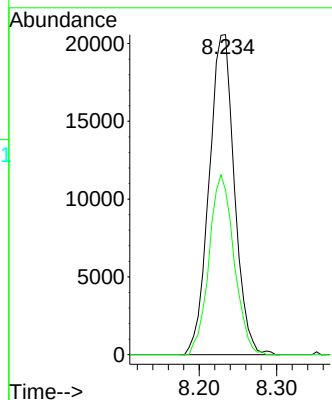
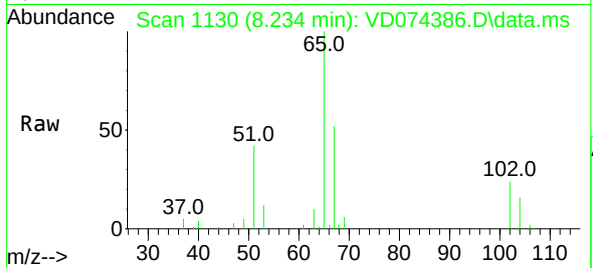
A2-5-18RE

Tgt Ion: 65 Resp: 46675

Ion Ratio Lower Upper

65 100

67 55.4 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: VD074386.D

Acq: 21 Sep 2022 13:49

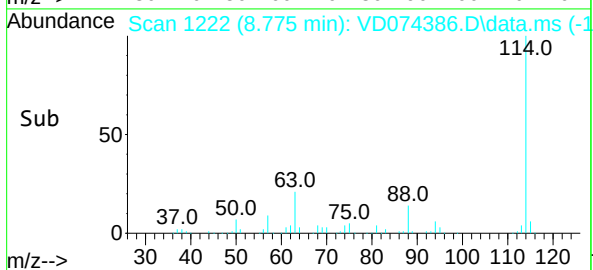
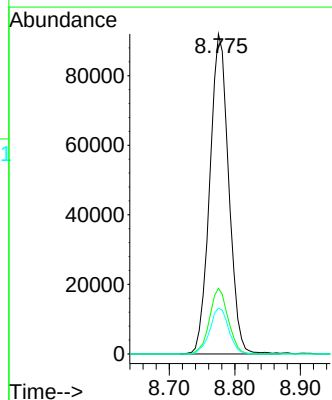
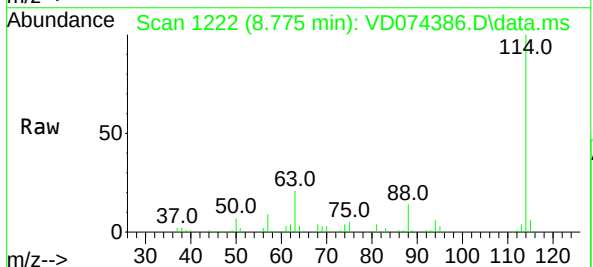
Tgt Ion: 114 Resp: 184315

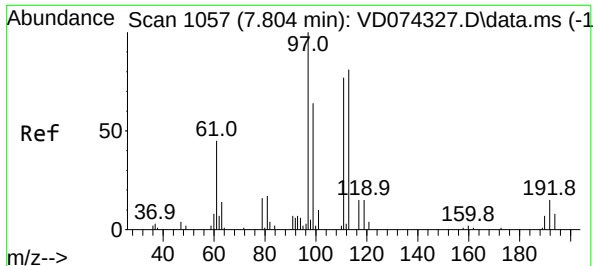
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.6

88 14.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 38.794 ug/l

RT: 7.804 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074386.D

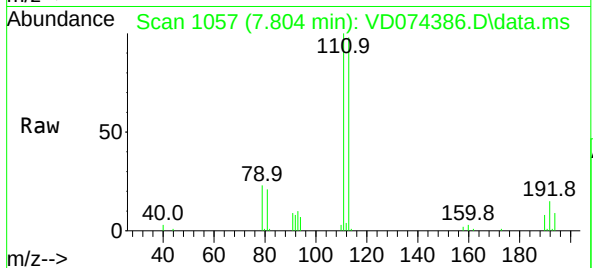
Acq: 21 Sep 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :

A2-5-18RE



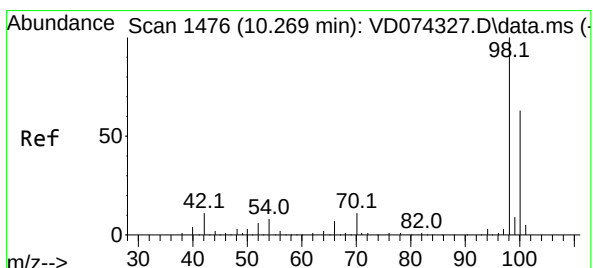
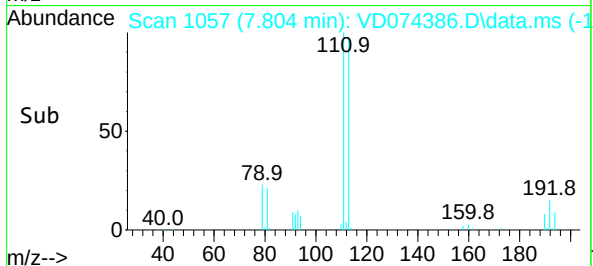
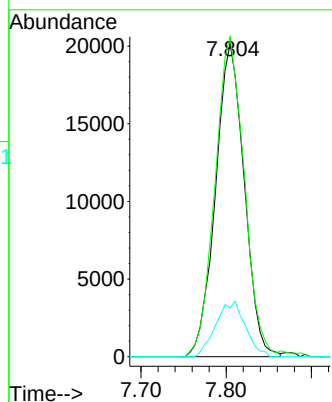
Tgt Ion:113 Resp: 47093

Ion Ratio Lower Upper

113 100

111 105.0 83.0 124.6

192 18.2 16.2 24.2



#50

Toluene-d8

Concen: 40.833 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074386.D

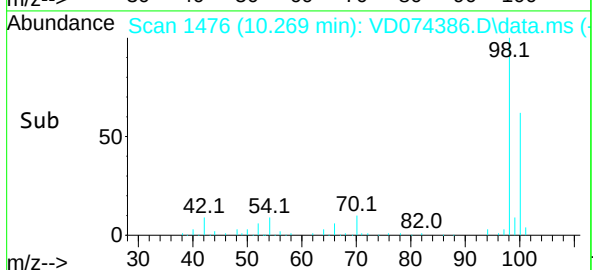
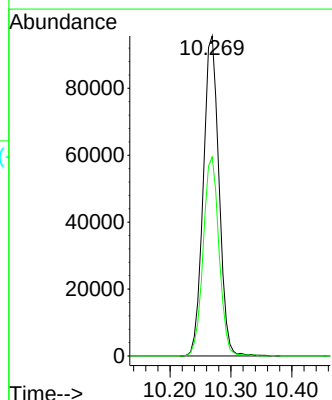
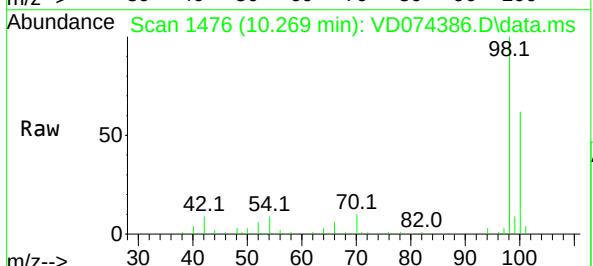
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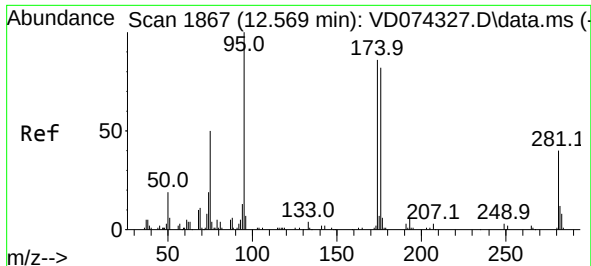
Tgt Ion: 98 Resp: 171031

Ion Ratio Lower Upper

98 100

100 62.6 51.8 77.8

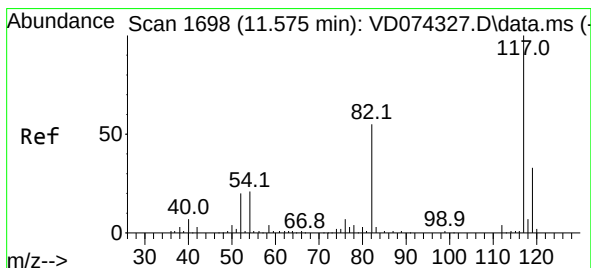
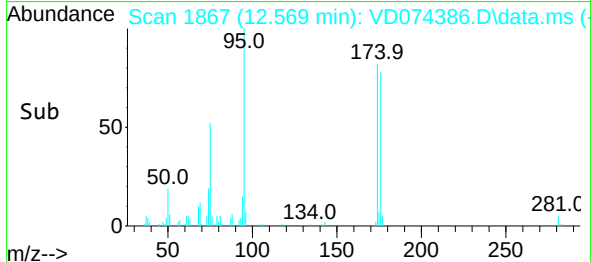
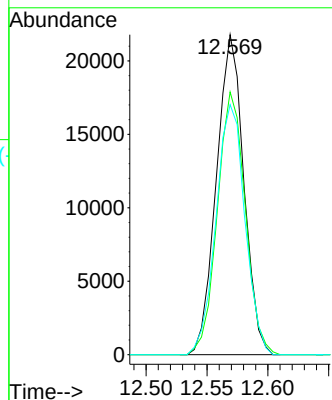
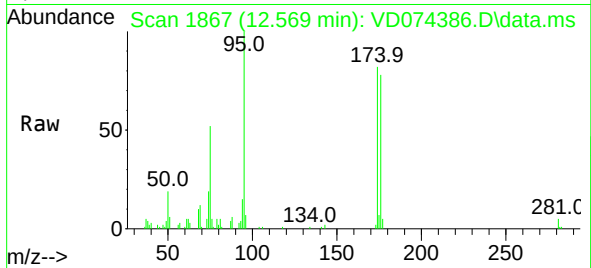




#62
4-Bromofluorobenzene
Concen: 20.637 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

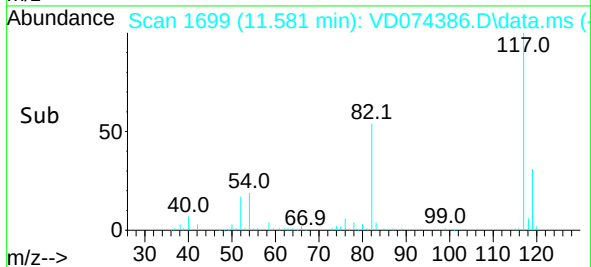
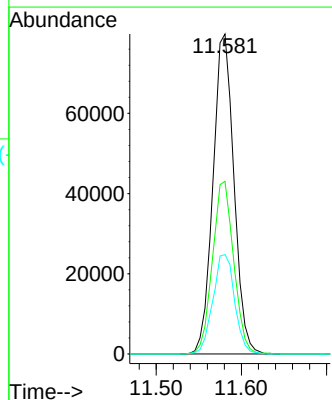
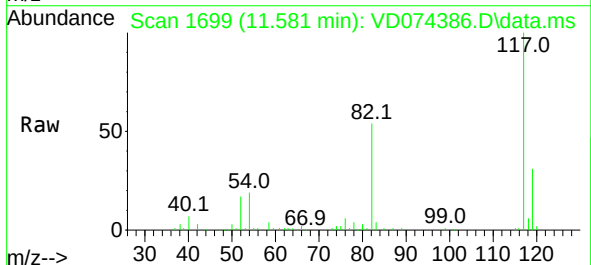
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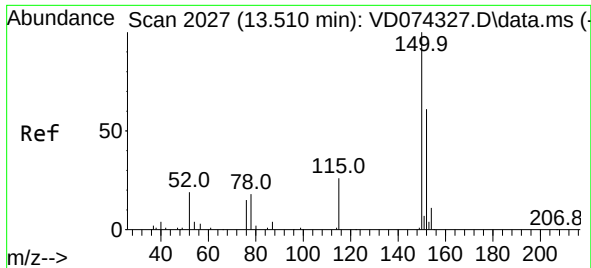
Tgt Ion: 95 Resp: 34059
Ion Ratio Lower Upper
95 100
174 83.7 0.0 179.2
176 82.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

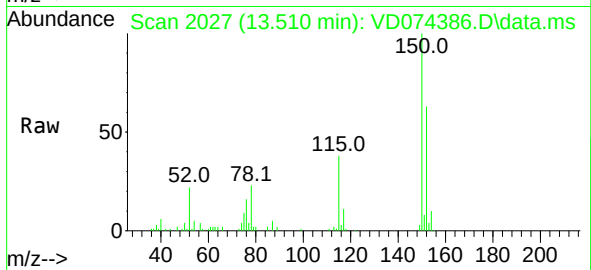
Tgt Ion: 117 Resp: 136536
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074386.D
 Acq: 21 Sep 2022 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 A2-5-18RE



Tgt Ion:152 Resp: 36211
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.4 85.2
 150 158.7 0.0 351.0

