

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074347.D
 Acq On : 19 Sep 2022 14:22
 Operator : VA/SY
 Sample : N4584-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 33811

Quant Time: Sep 19 23:01:37 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)

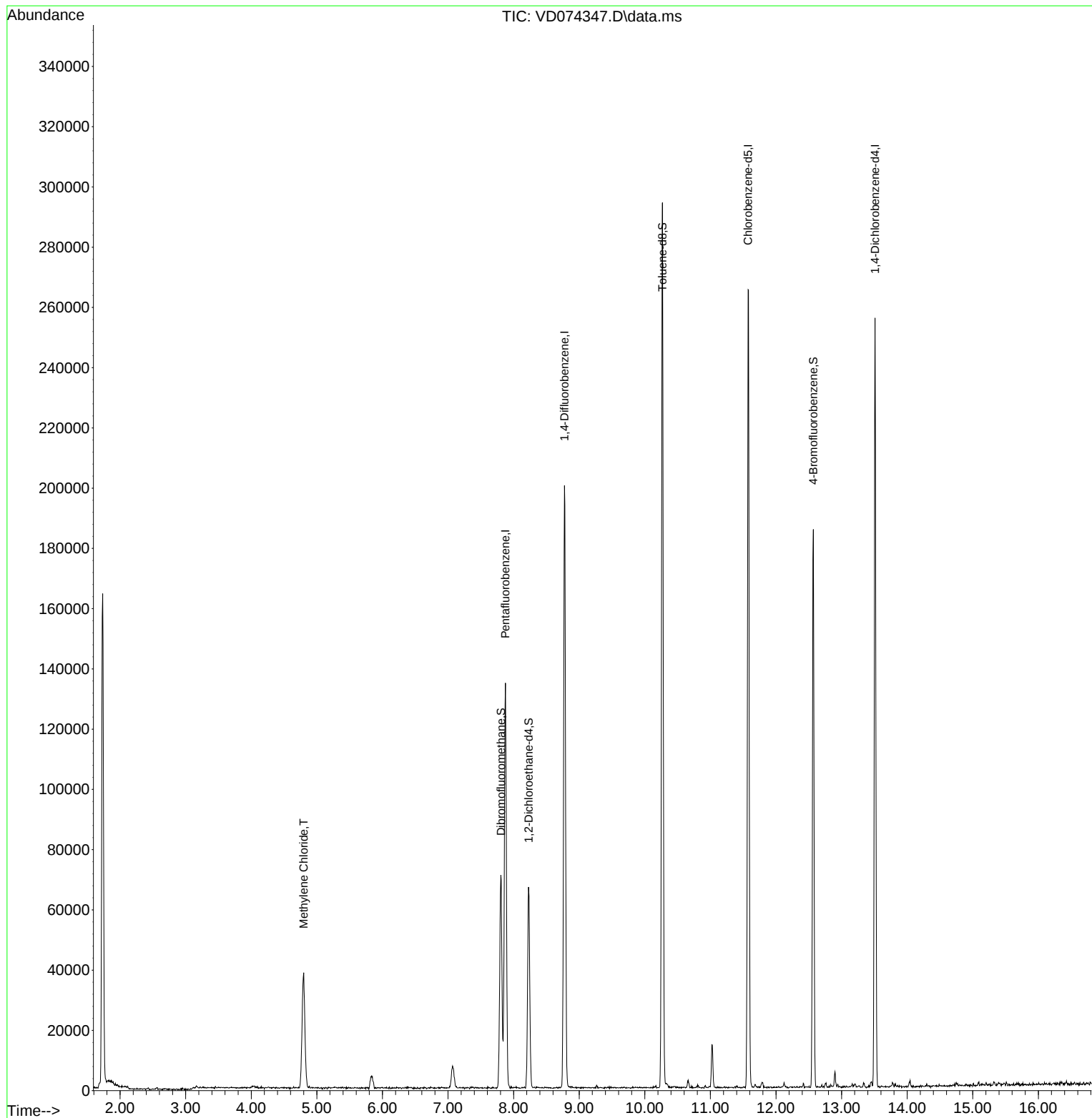
Internal Standards						
1) Pentafluorobenzene	7.875	168	103027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	178149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	156344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	68085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52731	52.547	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	105.100%	
35) Dibromofluoromethane	7.811	113	50752	43.256	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	86.520%	
50) Toluene-d8	10.269	98	202701	50.069	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	100.140%	
62) 4-Bromofluorobenzene	12.569	95	56201	39.796	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	79.600%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	28576	13.888	ug/l	90

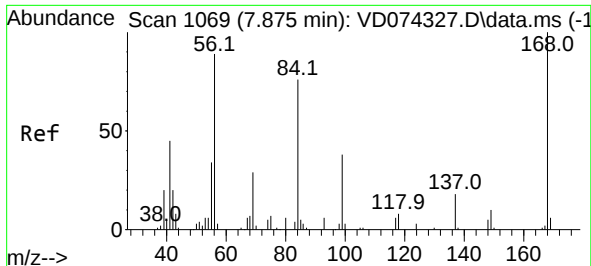
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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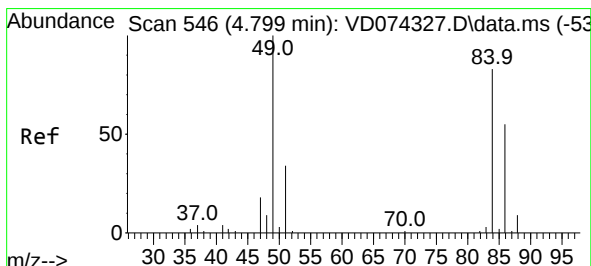
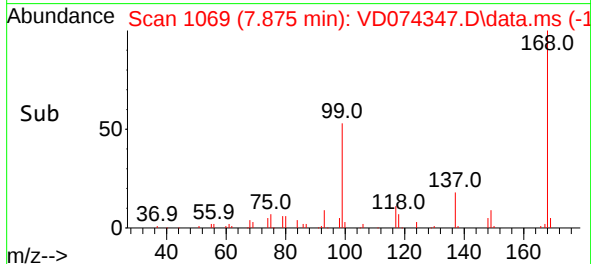
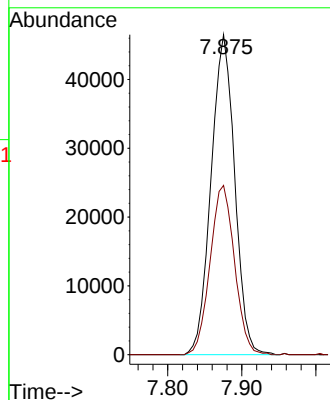
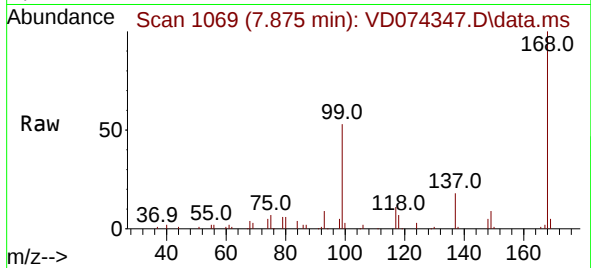




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074347.D
Acq: 19 Sep 2022 14:22

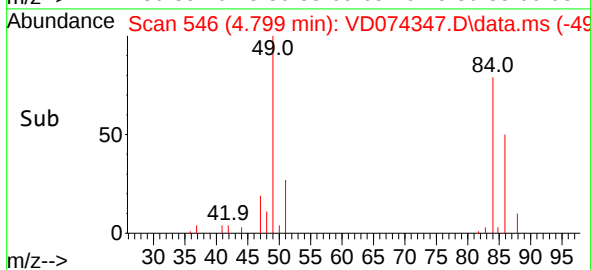
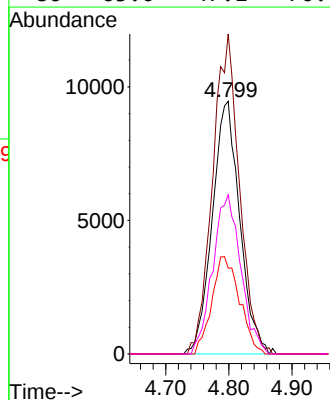
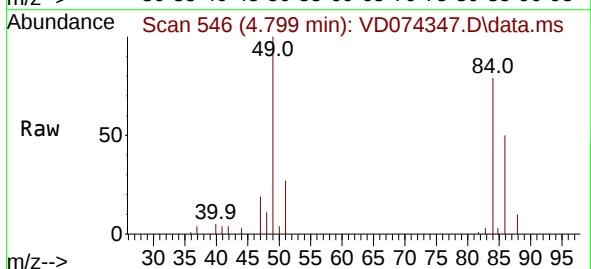
Instrument :
MSVOA_D
ClientSampleId :
33811

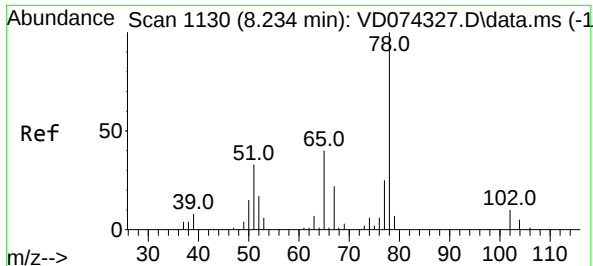
Tgt Ion:168 Resp: 103027
Ion Ratio Lower Upper
168 100
99 52.9 43.0 64.6



#20
Methylene Chloride
Concen: 13.888 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074347.D
Acq: 19 Sep 2022 14:22

Tgt Ion: 84 Resp: 28576
Ion Ratio Lower Upper
84 100
49 126.7 88.4 132.6
51 34.0 28.0 42.0
86 63.0 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 52.547 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074347.D

Acq: 19 Sep 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

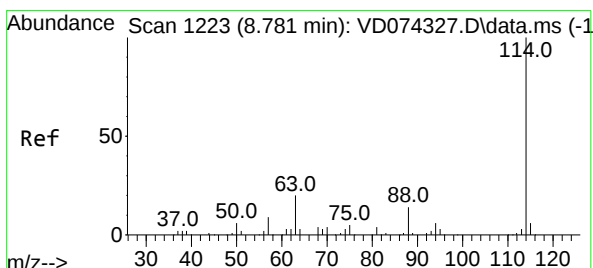
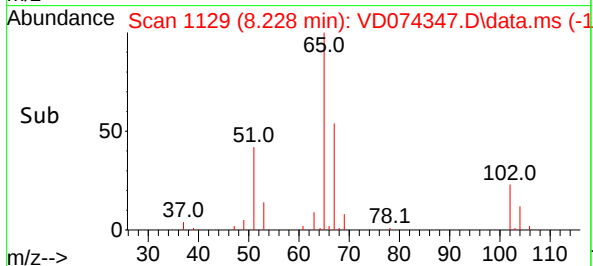
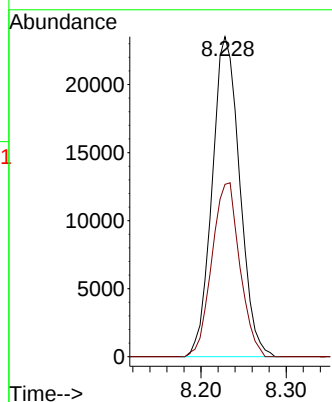
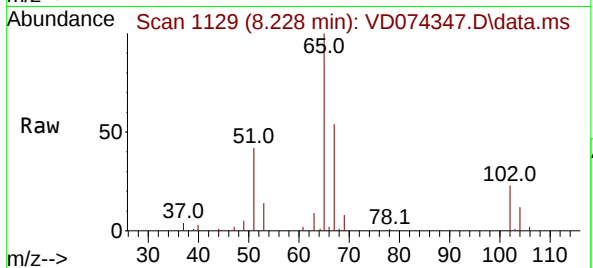
33811

Tgt Ion: 65 Resp: 52731

Ion Ratio Lower Upper

65 100

67 55.1 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: VD074347.D

Acq: 19 Sep 2022 14:22

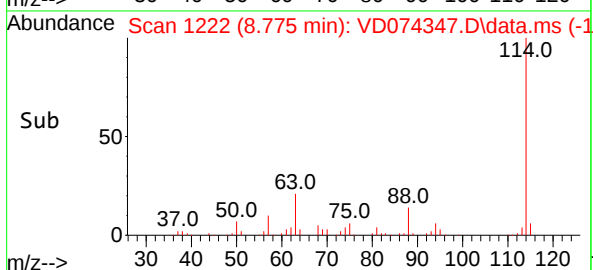
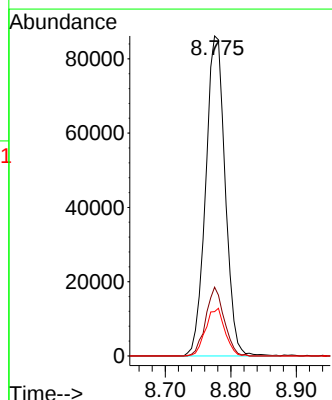
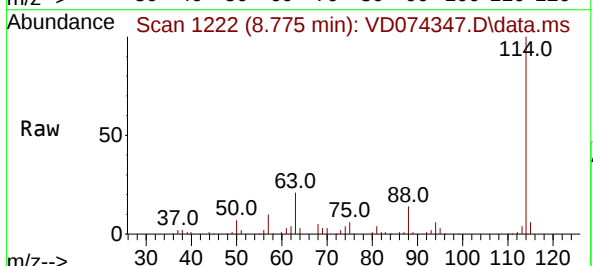
Tgt Ion: 114 Resp: 178149

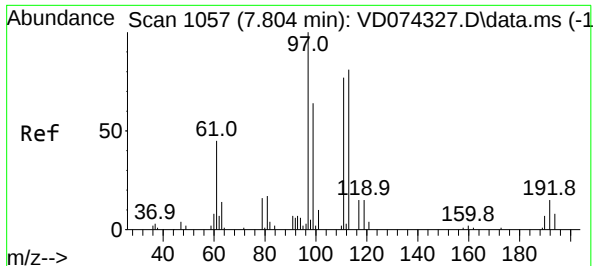
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.6

88 13.9 0.0 28.4



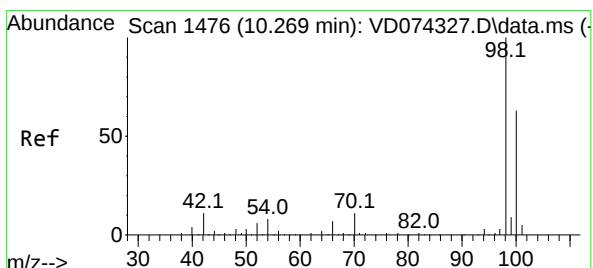
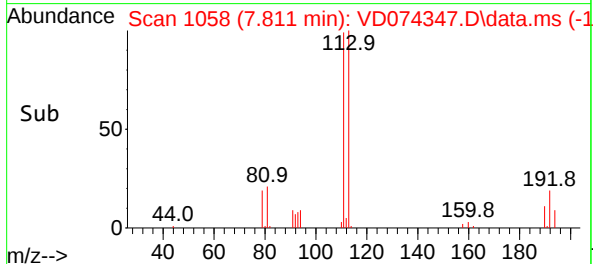
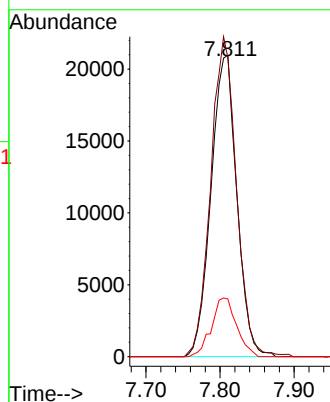
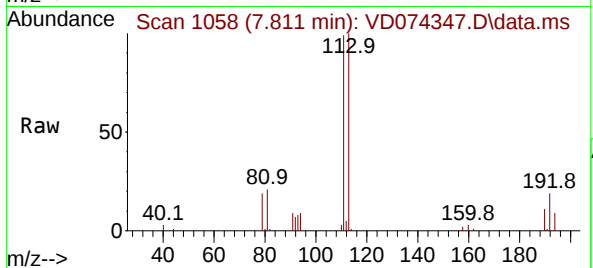


#35
 Dibromofluoromethane
 Concen: 43.256 ug/l
 RT: 7.811 min Scan# 1058
 Delta R.T. 0.007 min
 Lab File: VD074347.D
 Acq: 19 Sep 2022 14:22

Instrument :
 MSVOA_D
 ClientSampleId :
 33811

Tgt Ion: 113 Resp: 50752

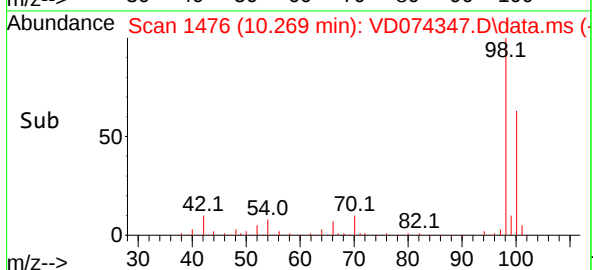
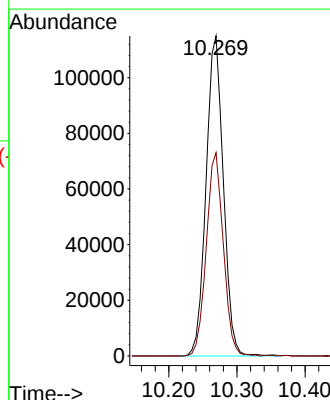
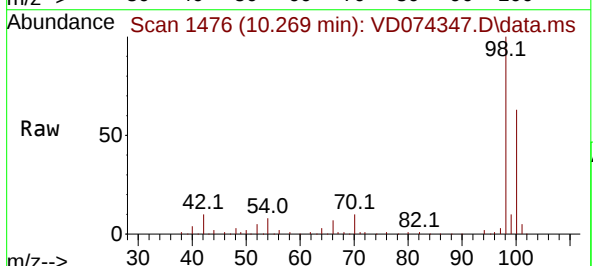
Ion	Ratio	Lower	Upper
113	100		
111	105.5	83.0	124.6
192	18.9	16.2	24.2

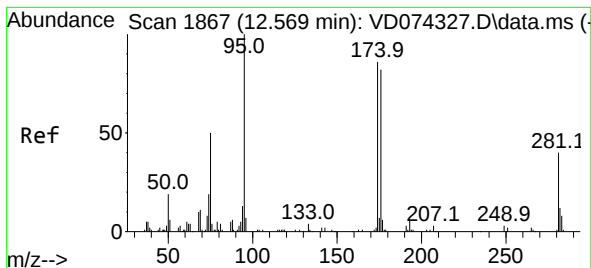


#50
 Toluene-d8
 Concen: 50.069 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD074347.D
 Acq: 19 Sep 2022 14:22

Tgt Ion: 98 Resp: 202701

Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.8	77.8

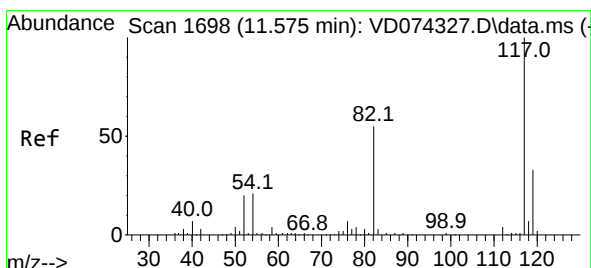
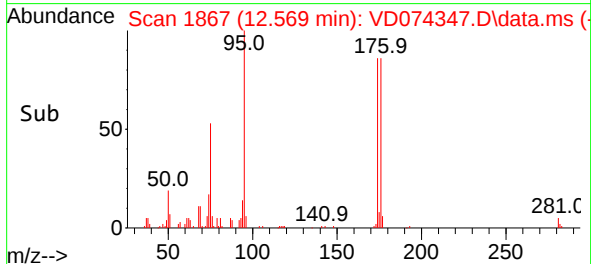
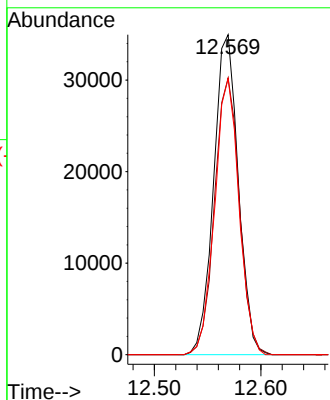
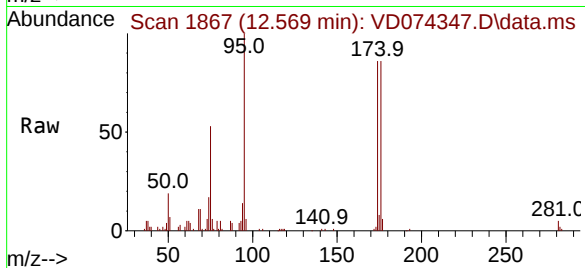




#62
4-Bromofluorobenzene
Concen: 39.796 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074347.D
Acq: 19 Sep 2022 14:22

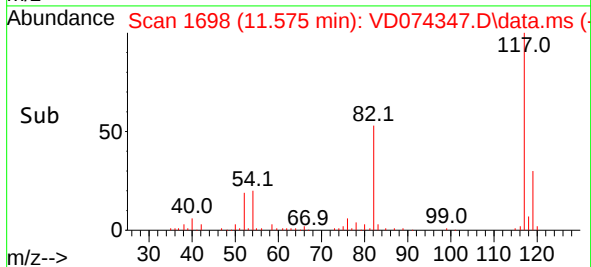
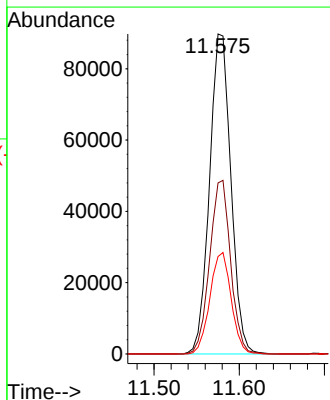
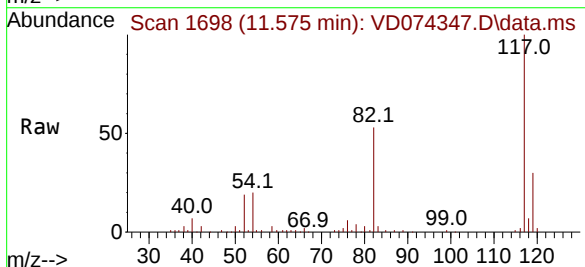
Instrument :
MSVOA_D
ClientSampleId :
33811

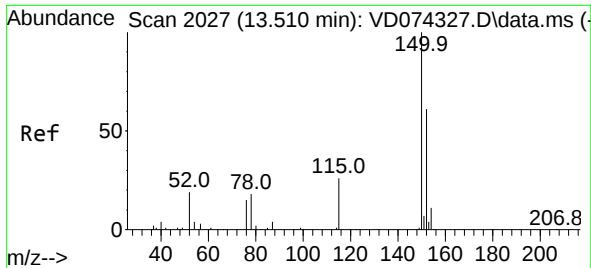
Tgt Ion: 95 Resp: 56201
Ion Ratio Lower Upper
95 100
174 86.9 0.0 179.2
176 85.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VD074347.D
Acq: 19 Sep 2022 14:22

Tgt Ion: 117 Resp: 156344
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 30.5 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: VD074347.D

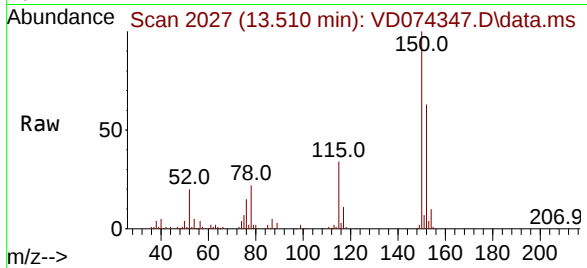
Acq: 19 Sep 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

33811



Tgt Ion:152 Resp: 68085

Ion Ratio Lower Upper

152 100

115 55.3 28.4 85.2

150 153.9 0.0 351.0

