

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073708.D
 Acq On : 25 Jun 2022 14:32
 Operator : VA/SY
 Sample : N3502-08
 Misc : 2.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-44-LC

Quant Time: Jun 27 09:37:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

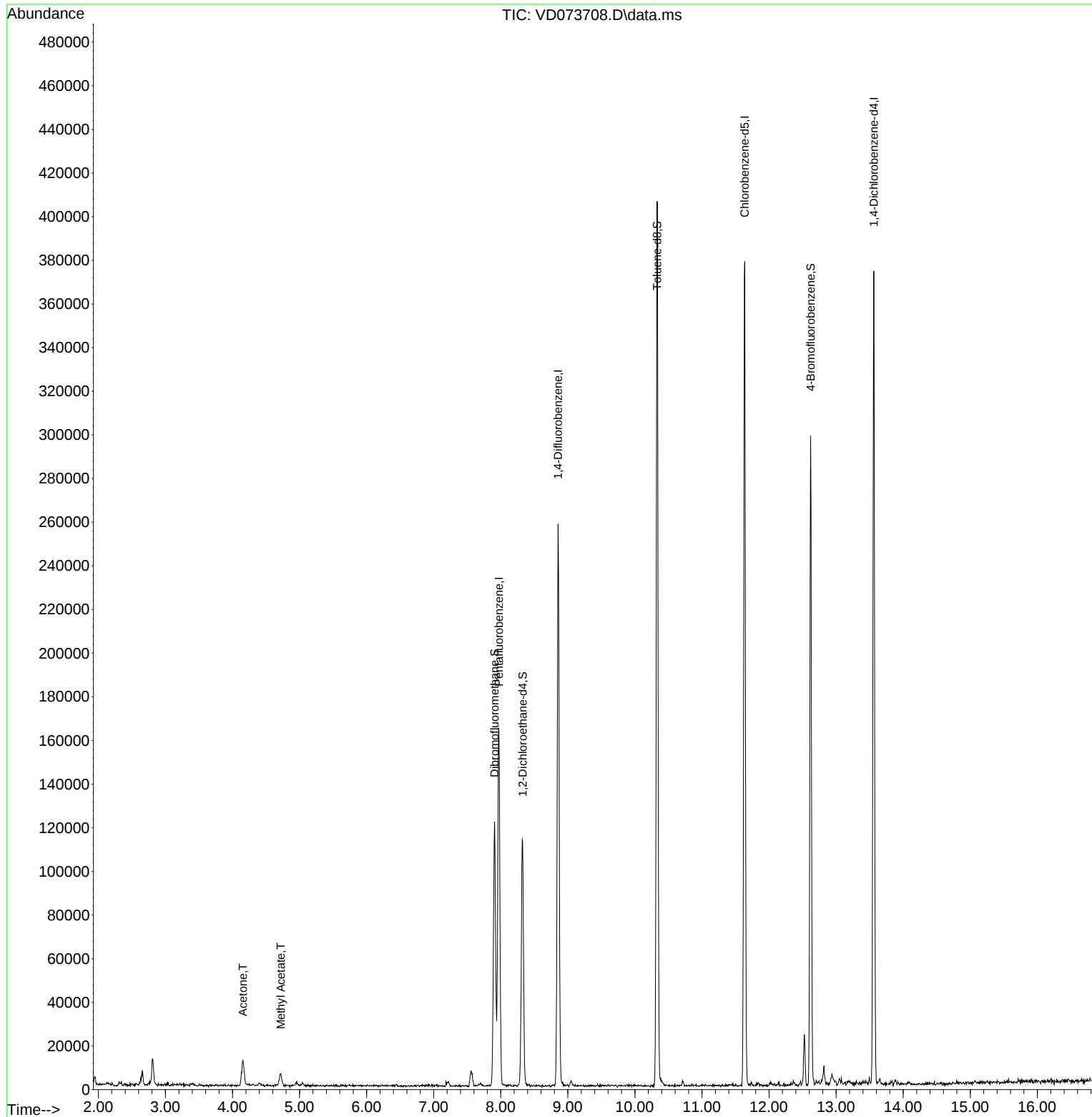
Internal Standards						
1) Pentafluorobenzene	7.973	168	118903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	220196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	222075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	95314	65.266	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.540%
35) Dibromofluoromethane	7.908	113	84208	49.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.332	98	271958	44.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.320%
62) 4-Bromofluorobenzene	12.620	95	95292	41.252	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.500%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	20330	81.452	ug/l	92
18) Methyl Acetate	4.720	43	10529	14.177	ug/l	99

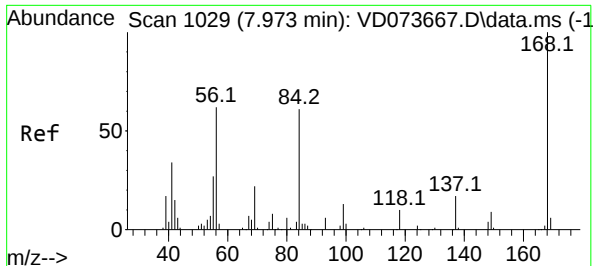
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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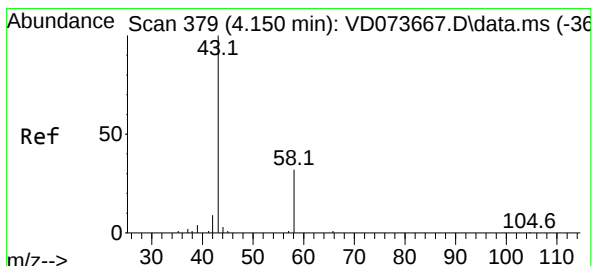
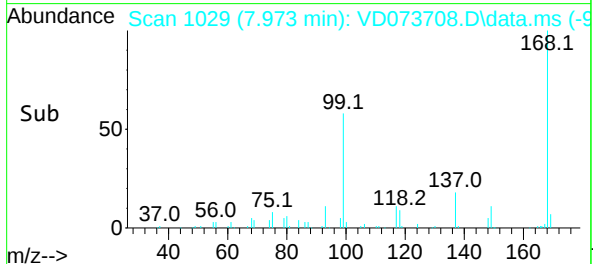
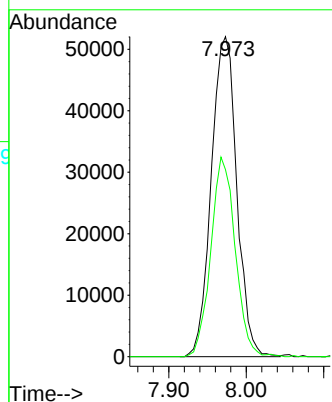
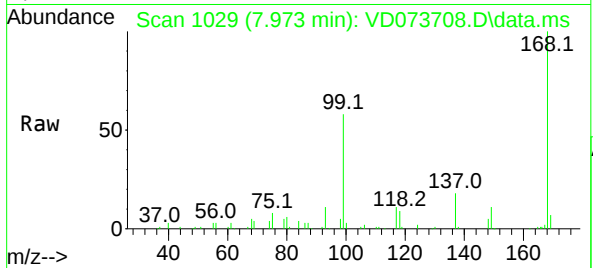




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073708.D
Acq: 25 Jun 2022 14:32

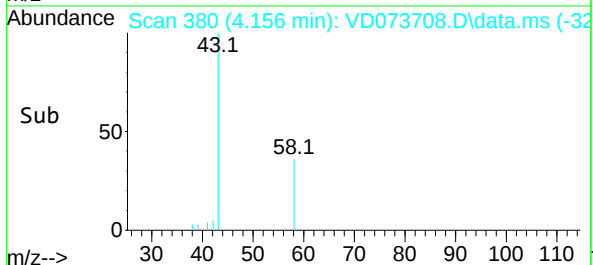
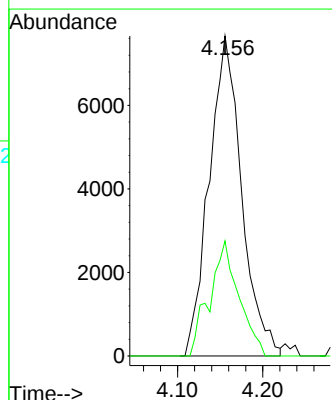
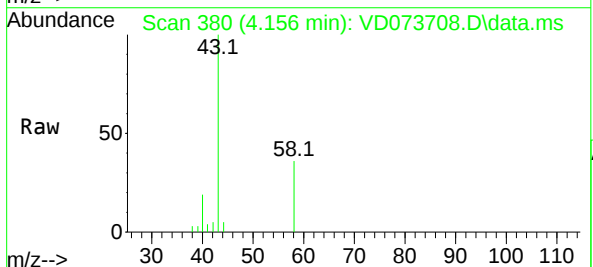
Instrument :
MSVOA_D
ClientSampleId :
D-44-LC

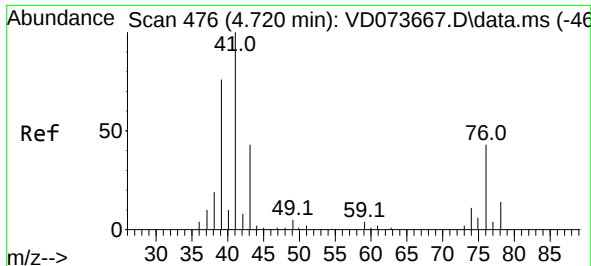
Tgt Ion:168 Resp: 118903
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6



#16
Acetone
Concen: 81.452 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073708.D
Acq: 25 Jun 2022 14:32

Tgt Ion: 43 Resp: 20330
Ion Ratio Lower Upper
43 100
58 35.9 25.2 37.8

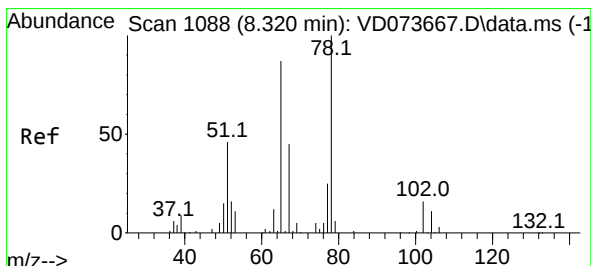
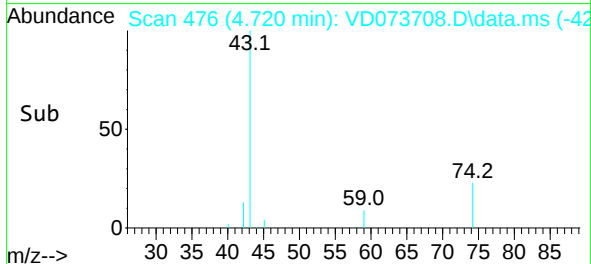
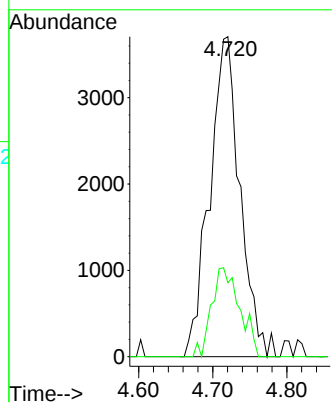
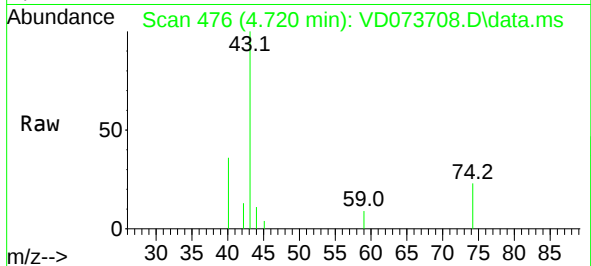




#18
Methyl Acetate
Concen: 14.177 ug/l
RT: 4.720 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073708.D
Acq: 25 Jun 2022 14:32

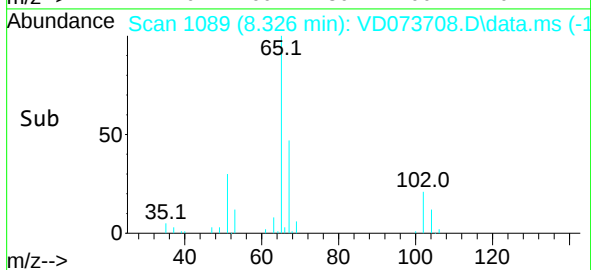
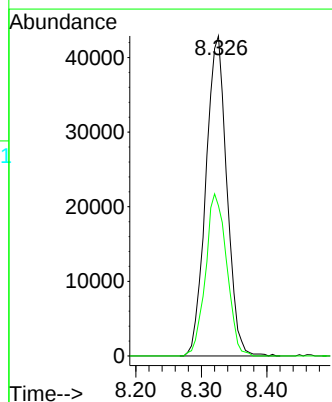
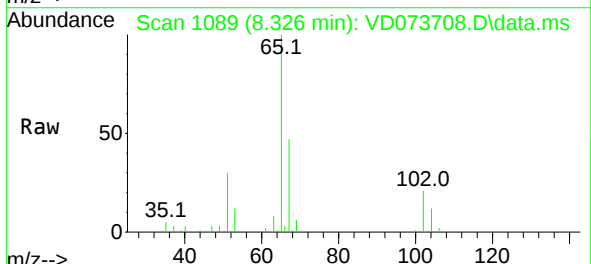
Instrument :
MSVOA_D
ClientSampleId :
D-44-LC

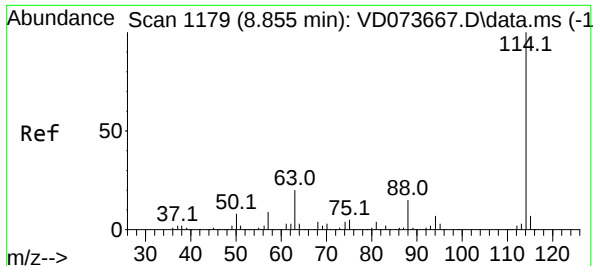
Tgt Ion: 43 Resp: 10529
Ion Ratio Lower Upper
43 100
74 25.7 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 65.266 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073708.D
Acq: 25 Jun 2022 14:32

Tgt Ion: 65 Resp: 95314
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073708.D

Acq: 25 Jun 2022 14:32

Instrument :

MSVOA_D

ClientSampleId :

D-44-LC

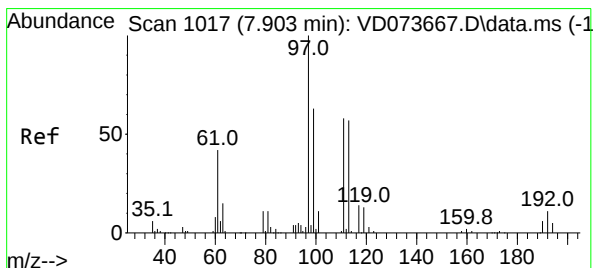
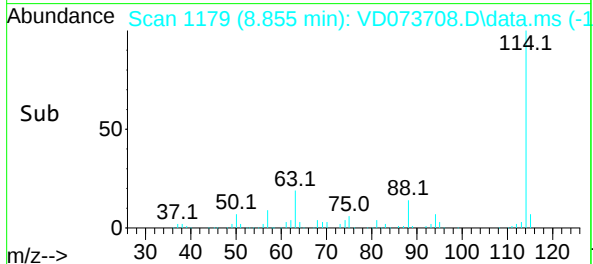
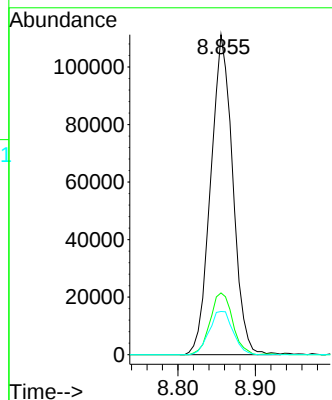
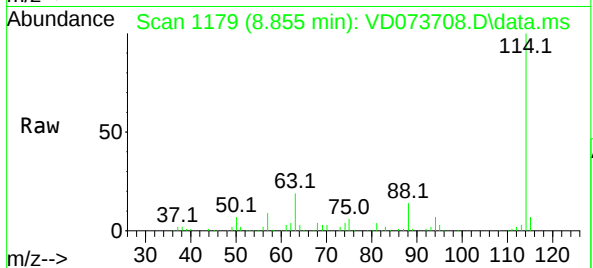
Tgt Ion:114 Resp: 220196

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 13.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.091 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073708.D

Acq: 25 Jun 2022 14:32

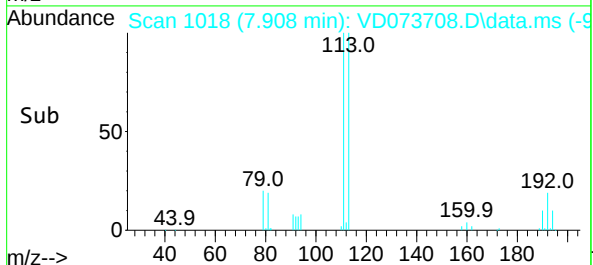
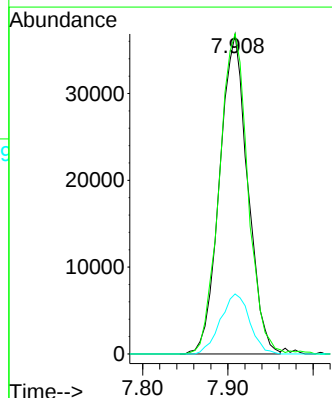
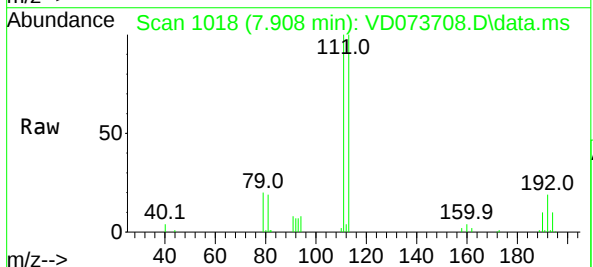
Tgt Ion:113 Resp: 84208

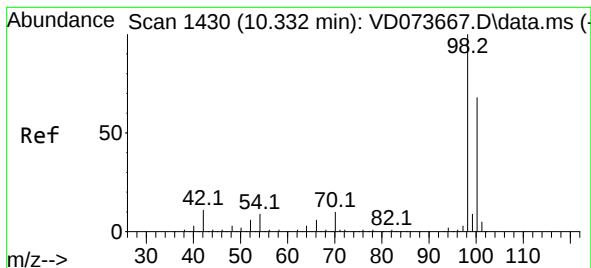
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 19.5 14.8 22.2

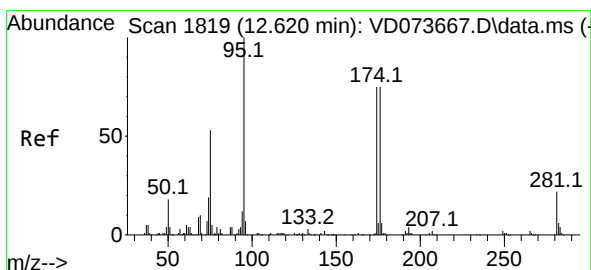
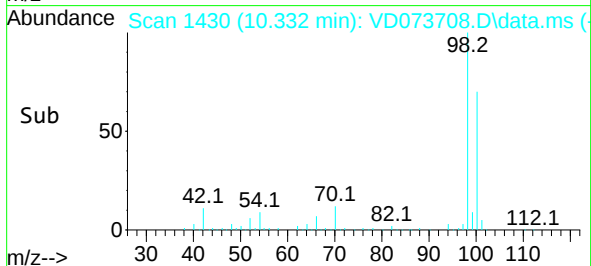
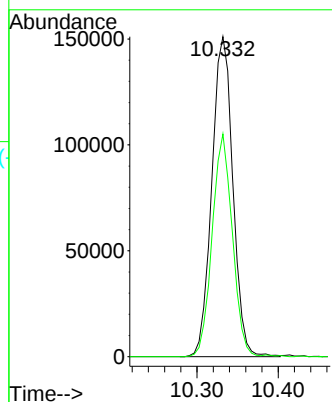
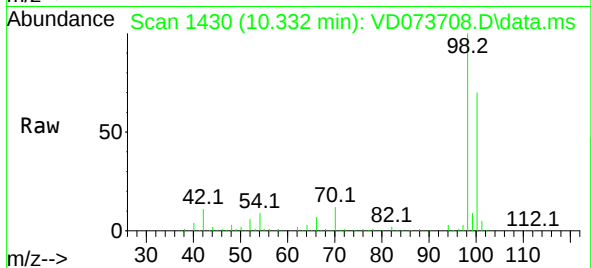




#50
Toluene-d8
Concen: 44.157 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073708.D
Acq: 25 Jun 2022 14:32

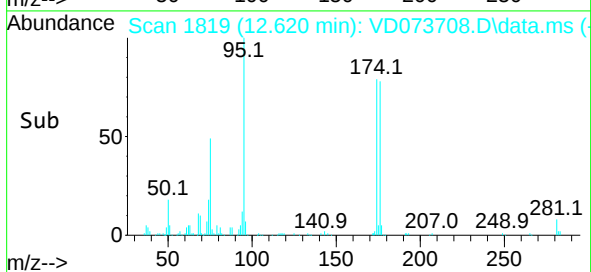
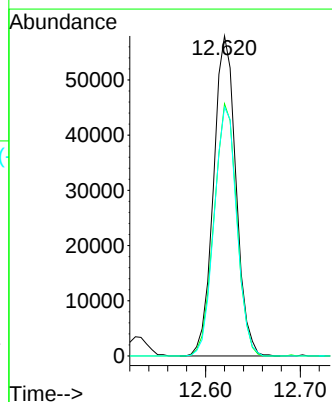
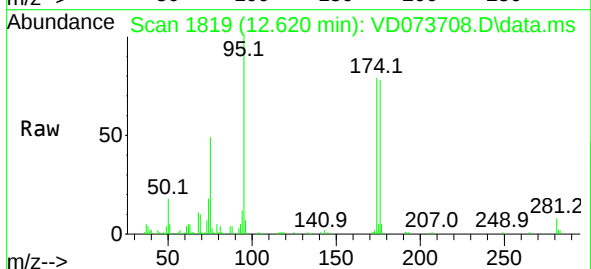
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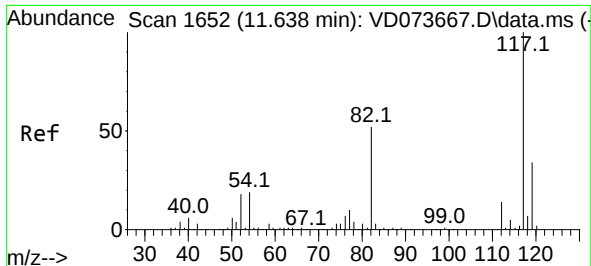
Tgt Ion: 98 Resp: 271958
Ion Ratio Lower Upper
98 100
100 66.7 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 41.252 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073708.D
Acq: 25 Jun 2022 14:32

Tgt Ion: 95 Resp: 95292
Ion Ratio Lower Upper
95 100
174 79.7 0.0 158.4
176 78.4 0.0 154.8

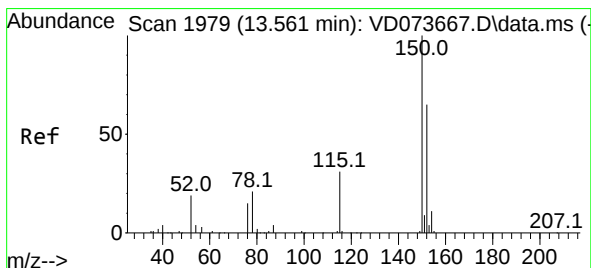
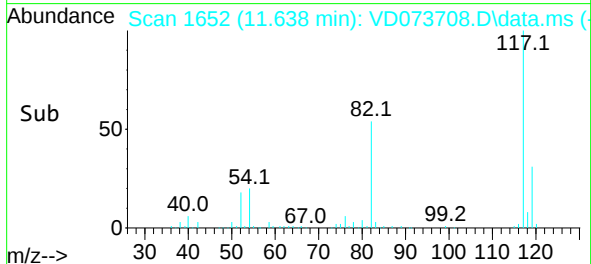
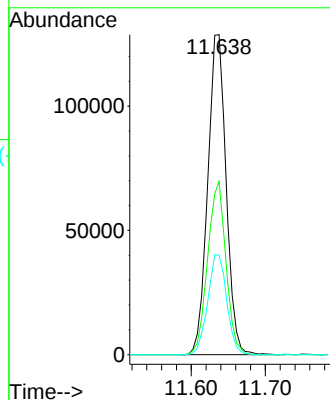
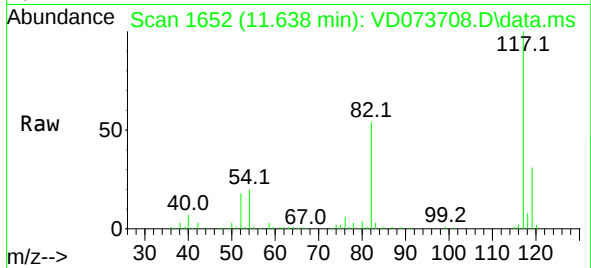




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073708.D
Acq: 25 Jun 2022 14:32

Instrument :
MSVOA_D
ClientSampleId :
D-44-LC

Tgt Ion:117 Resp: 222075
Ion Ratio Lower Upper
117 100
82 54.2 41.5 62.3
119 31.1 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073708.D
Acq: 25 Jun 2022 14:32

Tgt Ion:152 Resp: 104504
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 158.8 0.0 355.0

