

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073818.D
 Acq On : 07 Jul 2022 19:59
 Operator : VA/SY
 Sample : N3593-08
 Misc : 9.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220485B-3B

Quant Time: Jul 08 06:35:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

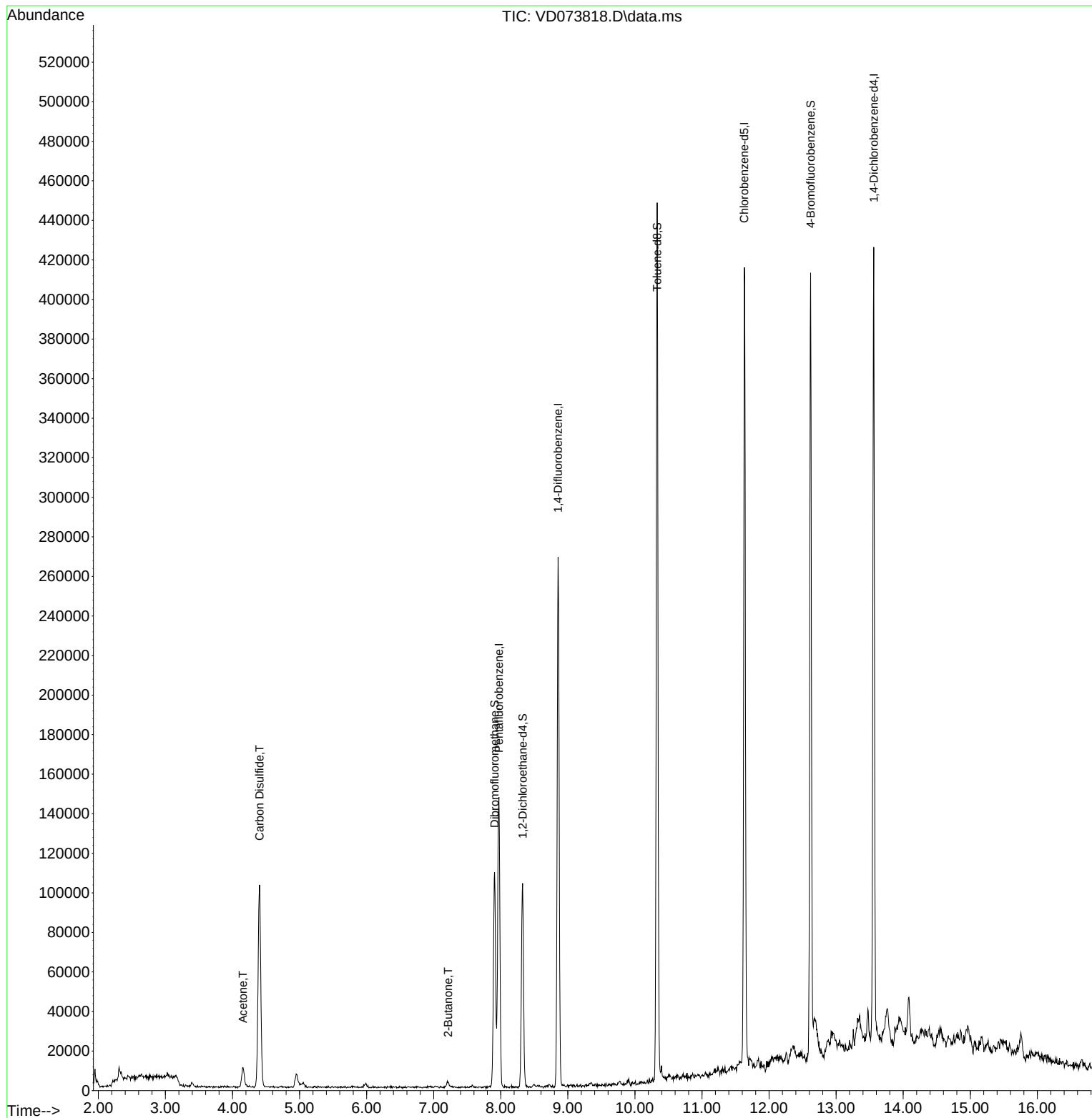
Internal Standards						
1) Pentafluorobenzene	7.973	168	99781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	218665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	213886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	91718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	81226	66.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.320%	
35) Dibromofluoromethane	7.908	113	75015	55.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.820%	
50) Toluene-d8	10.332	98	285100	62.726	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 125.460%#	
62) 4-Bromofluorobenzene	12.620	95	103991	55.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 111.320%#	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	18757	69.184	ug/l	99
17) Carbon Disulfide	4.403	76	209363	210.530	ug/l	97
25) 2-Butanone	7.214	43	5149	12.767	ug/l	90

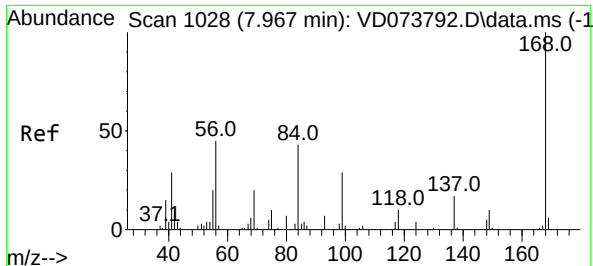
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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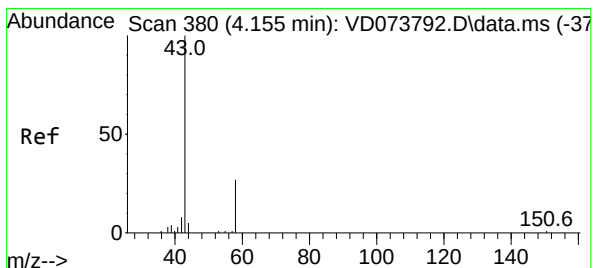
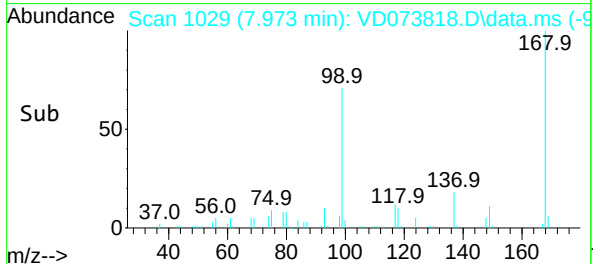
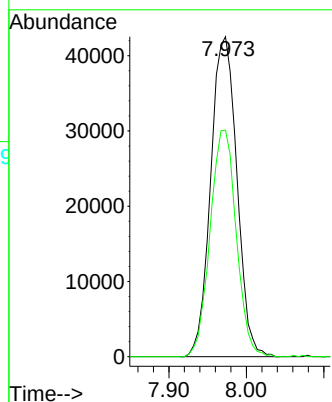
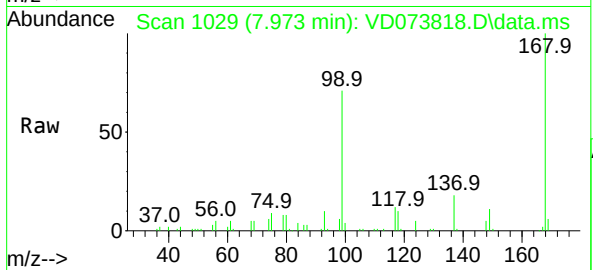




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073818.D
Acq: 07 Jul 2022 19:59

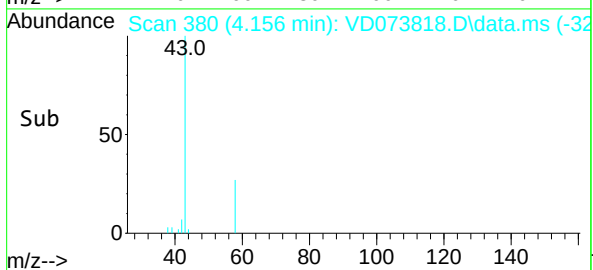
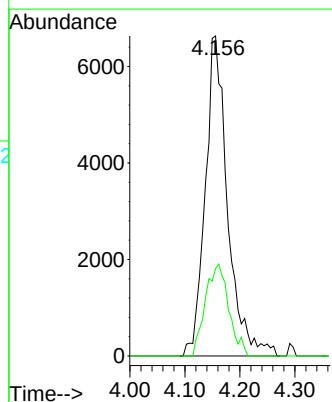
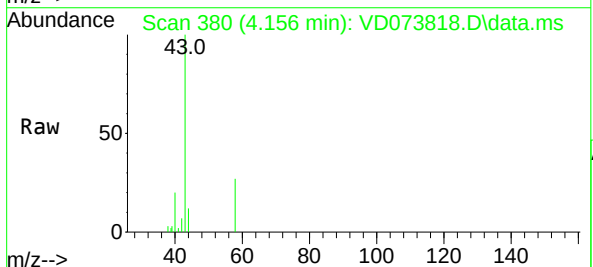
Instrument :
MSVOA_D
ClientSampleId :
20220485B-3B

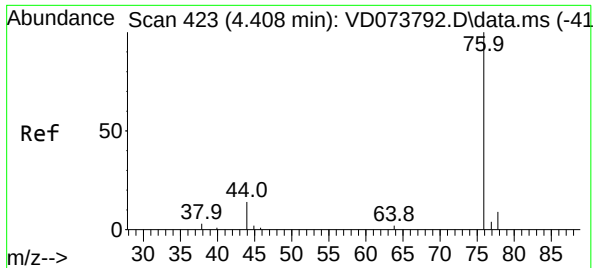
Tgt Ion:168 Resp: 99781
Ion Ratio Lower Upper
168 100
99 70.8 58.4 87.6



#16
Acetone
Concen: 69.184 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD073818.D
Acq: 07 Jul 2022 19:59

Tgt Ion: 43 Resp: 18757
Ion Ratio Lower Upper
43 100
58 27.3 21.3 31.9

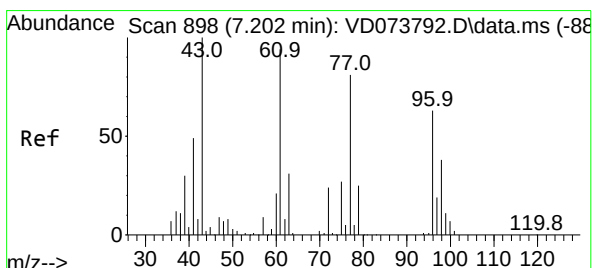
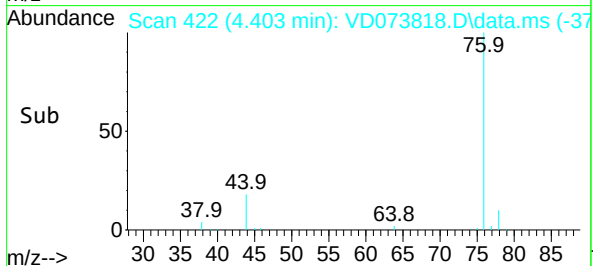
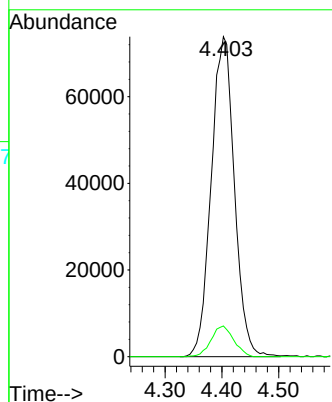
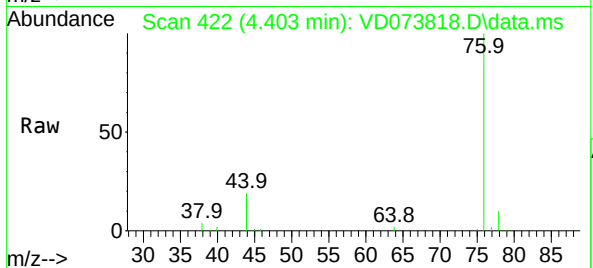




#17
Carbon Disulfide
Concen: 210.530 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD073818.D
Acq: 07 Jul 2022 19:59

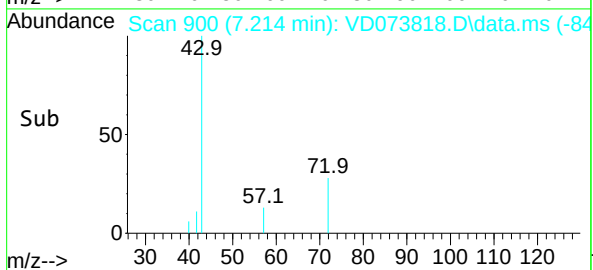
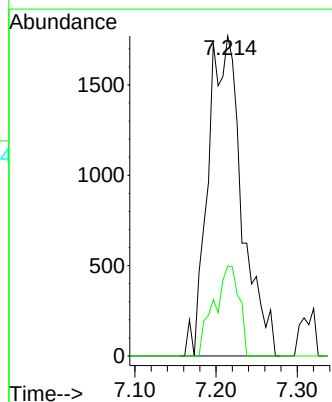
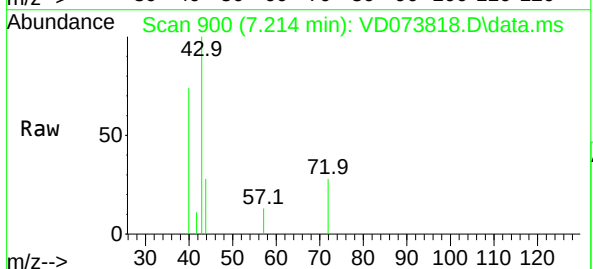
Instrument :
MSVOA_D
ClientSampleId :
20220485B-3B

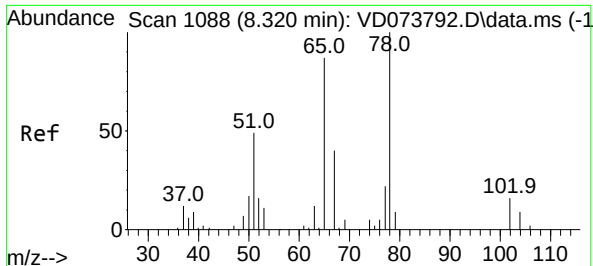
Tgt Ion: 76 Resp: 209363
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#25
2-Butanone
Concen: 12.767 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD073818.D
Acq: 07 Jul 2022 19:59

Tgt Ion: 43 Resp: 5149
Ion Ratio Lower Upper
43 100
72 28.2 18.8 28.2





#33

1,2-Dichloroethane-d4

Concen: 66.161 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073818.D

Acq: 07 Jul 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

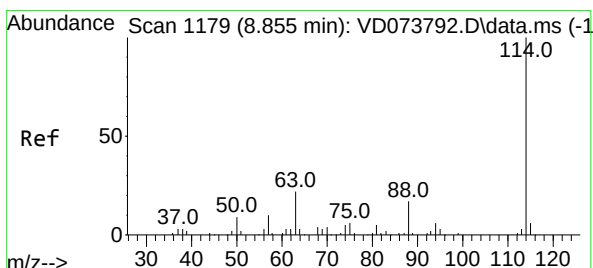
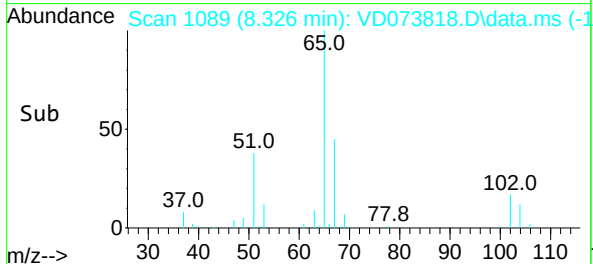
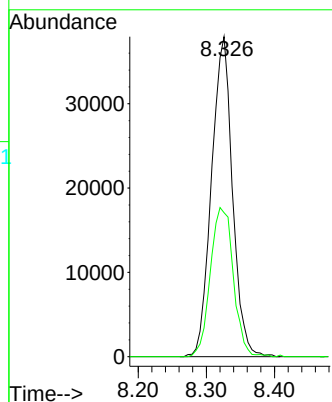
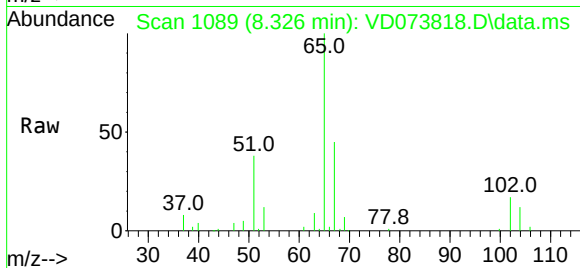
20220485B-3B

Tgt Ion: 65 Resp: 81226

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073818.D

Acq: 07 Jul 2022 19:59

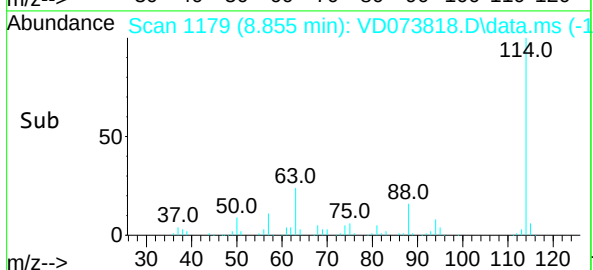
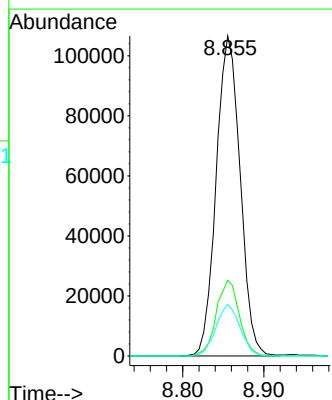
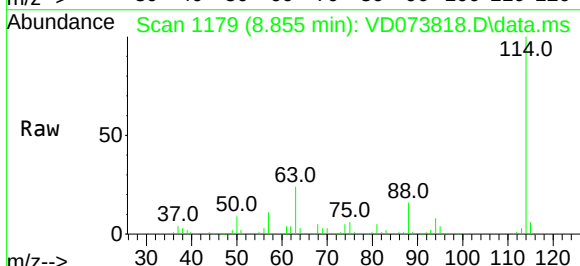
Tgt Ion: 114 Resp: 218665

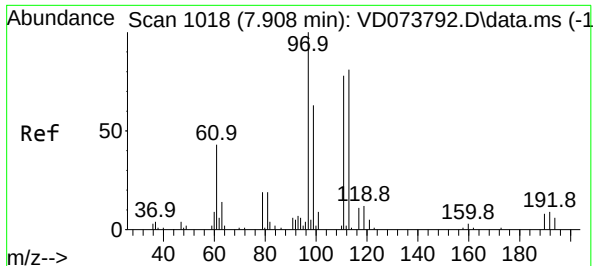
Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.2

88 16.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.911 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073818.D

Acq: 07 Jul 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

20220485B-3B

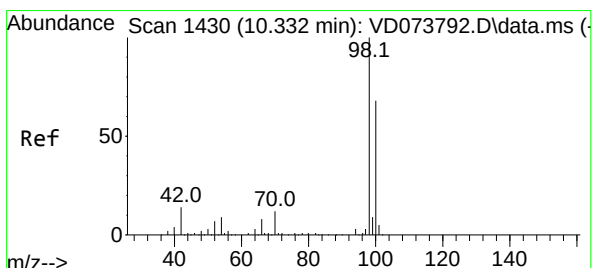
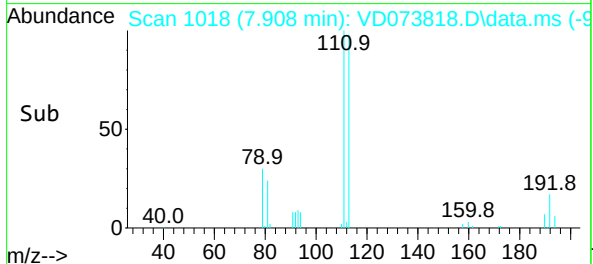
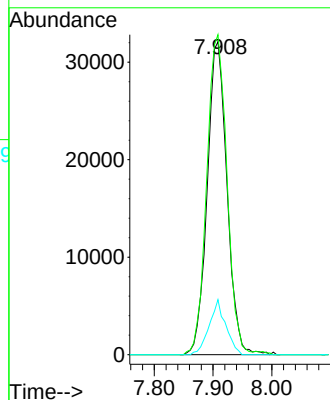
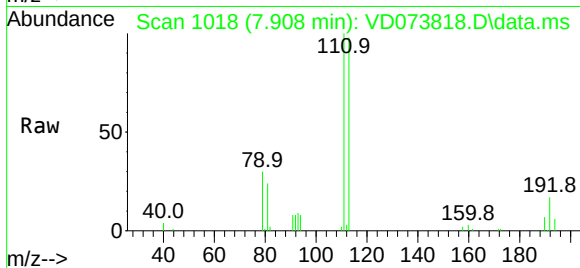
Tgt Ion:113 Resp: 75015

Ion Ratio Lower Upper

113 100

111 104.3 82.7 124.1

192 14.8 11.7 17.5



#50

Toluene-d8

Concen: 62.726 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073818.D

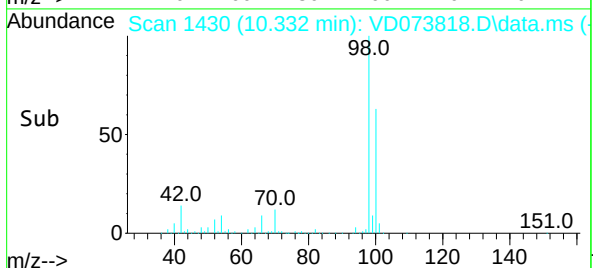
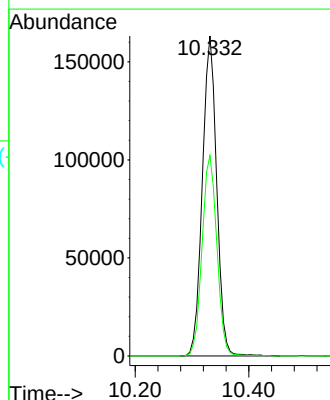
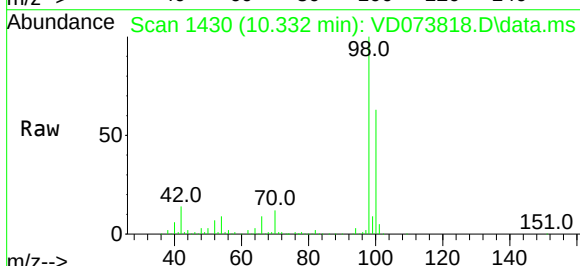
Acq: 07 Jul 2022 19:59

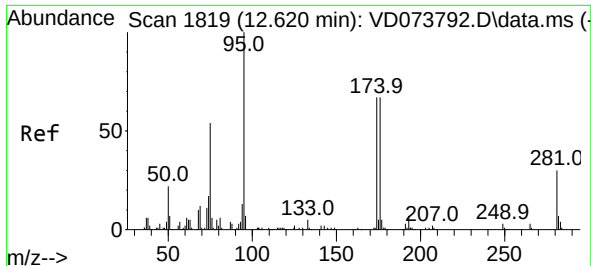
Tgt Ion: 98 Resp: 285100

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9

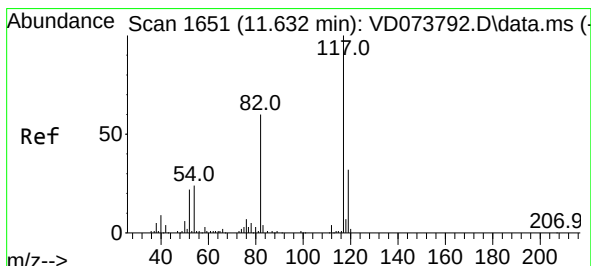
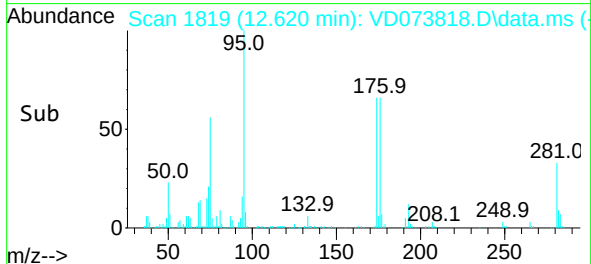
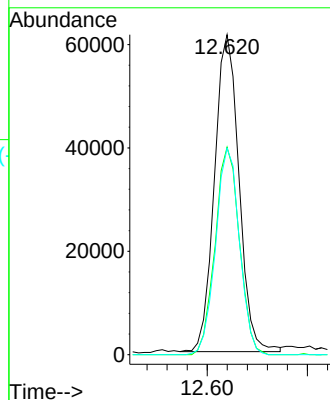
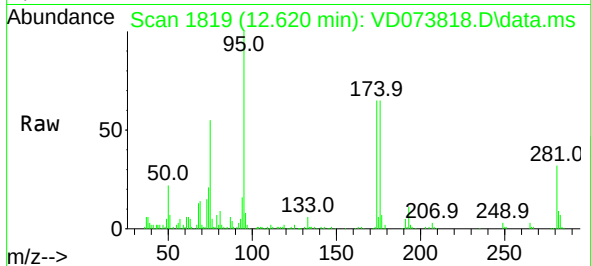




#62
4-Bromofluorobenzene
Concen: 55.662 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073818.D
Acq: 07 Jul 2022 19:59

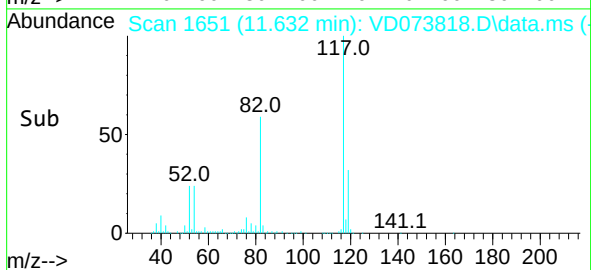
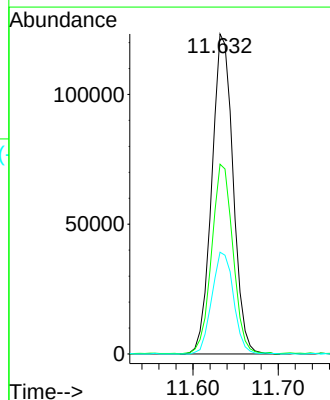
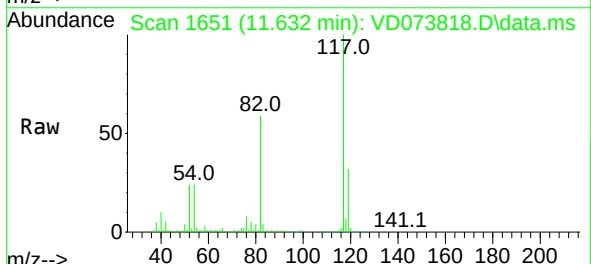
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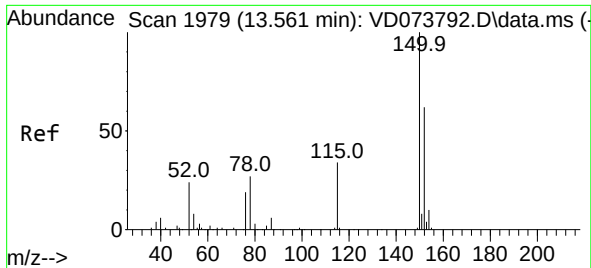
Tgt Ion: 95 Resp: 103991
Ion Ratio Lower Upper
95 100
174 64.6 0.0 132.4
176 63.2 0.0 129.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073818.D
Acq: 07 Jul 2022 19:59

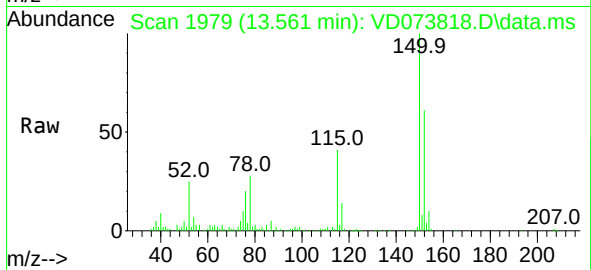
Tgt Ion: 117 Resp: 213886
Ion Ratio Lower Upper
117 100
82 59.3 48.2 72.2
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073818.D
 Acq: 07 Jul 2022 19:59

Instrument :
 MSVOA_D
 ClientSampleId :
 20220485B-3B



Tgt Ion:152 Resp: 91718
 Ion Ratio Lower Upper
 152 100
 115 68.2 32.2 96.6
 150 159.0 0.0 353.0

