

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073819.D
 Acq On : 07 Jul 2022 20:29
 Operator : VA/SY
 Sample : N3593-07
 Misc : 10.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220485A-3A

Quant Time: Jul 08 06:36:22 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)

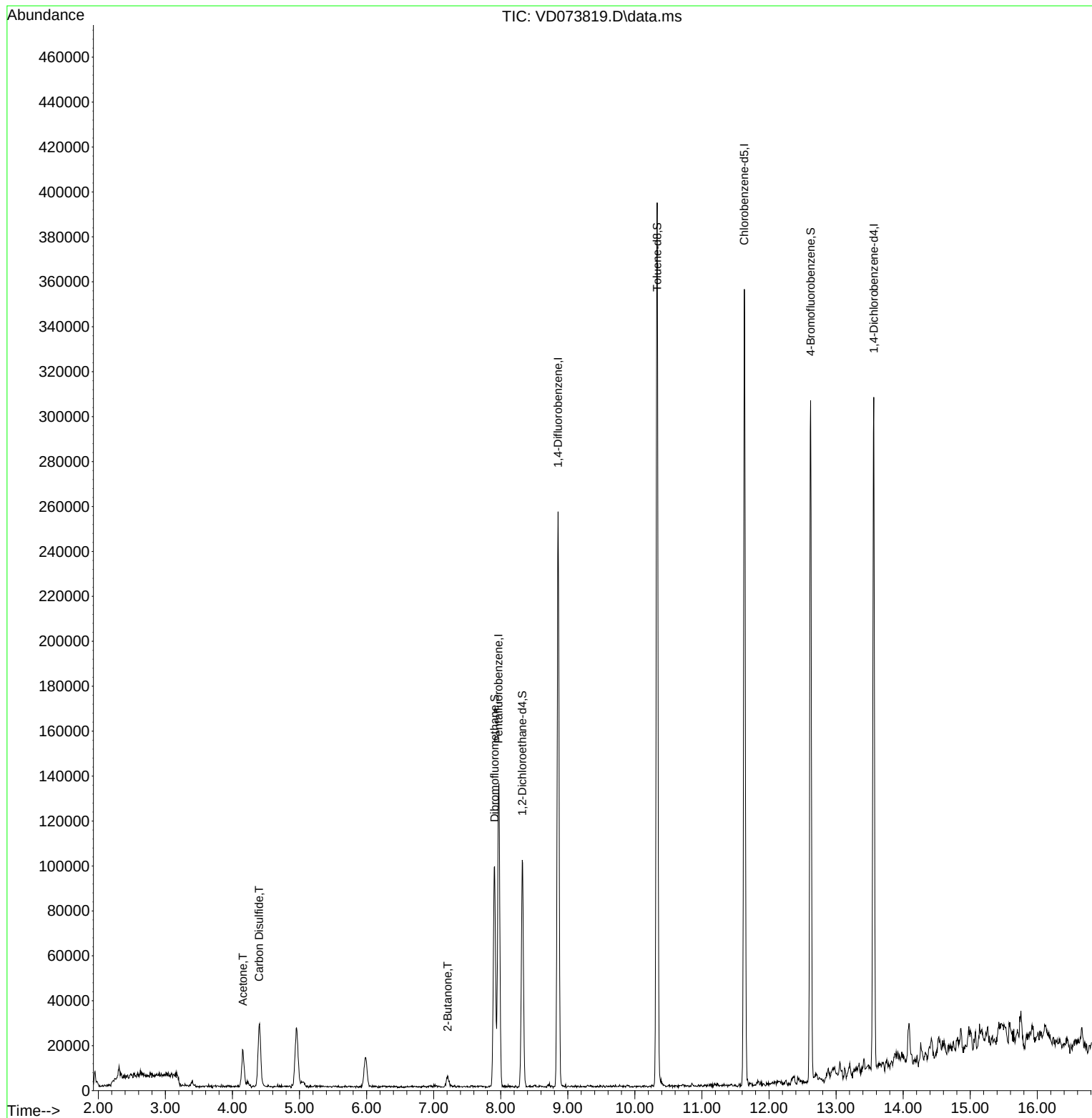
Internal Standards						
1) Pentafluorobenzene	7.967	168	89175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	202643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	185000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	71778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79633	72.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.160%	
35) Dibromofluoromethane	7.909	113	69404	55.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.640%	
50) Toluene-d8	10.332	98	259814	61.682	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 123.360%#	
62) 4-Bromofluorobenzene	12.620	95	85554	49.414	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 98.820%#	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	27362	128.217	ug/l	94
17) Carbon Disulfide	4.397	76	58738	61.326	ug/l	98
25) 2-Butanone	7.209	43	8488	23.549	ug/l #	80

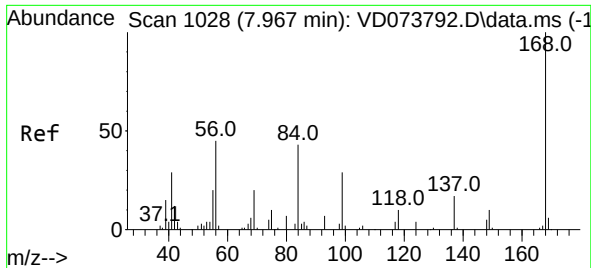
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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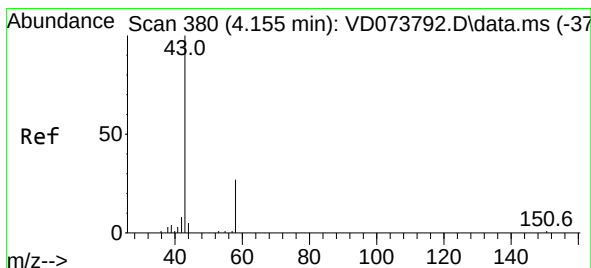
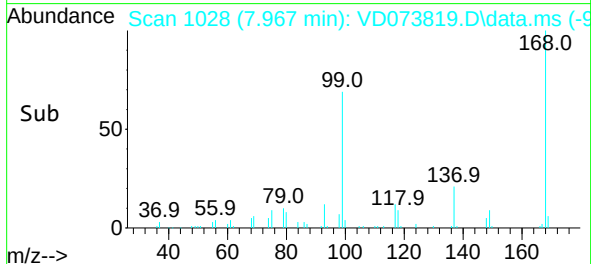
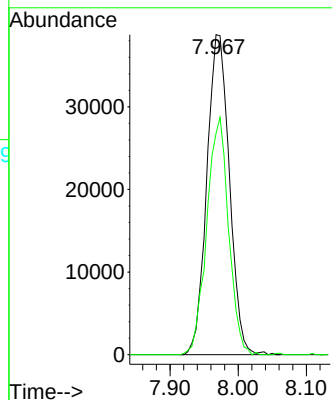
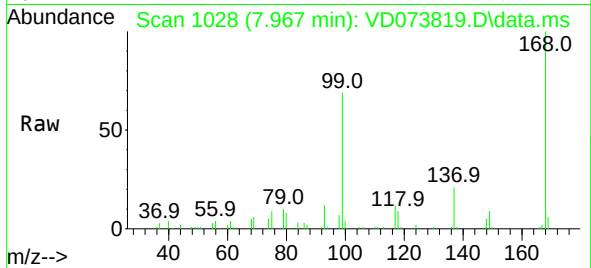




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

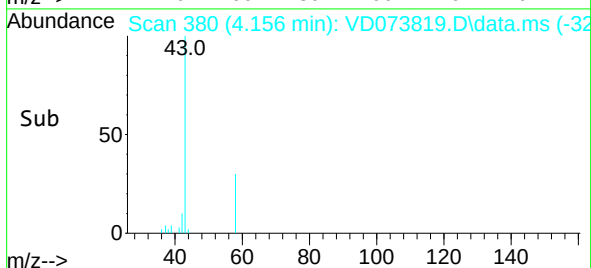
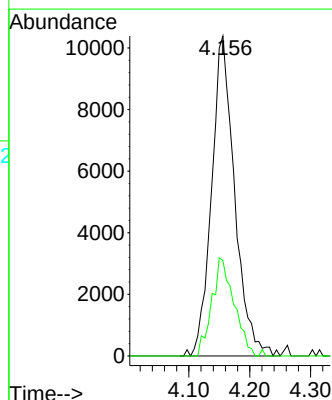
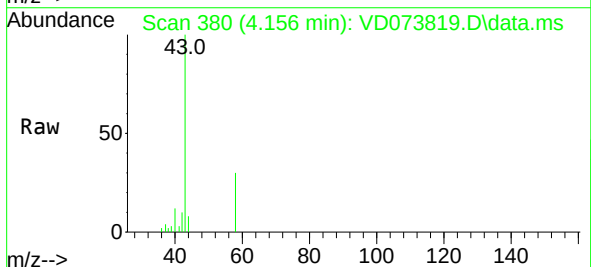
Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

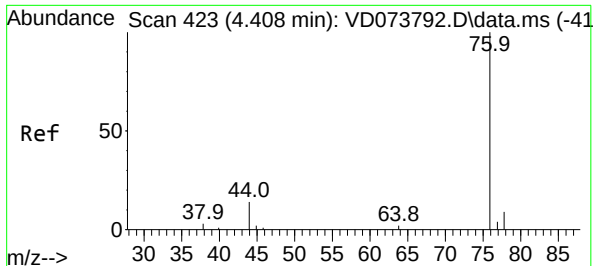
Tgt Ion:168 Resp: 89175
Ion Ratio Lower Upper
168 100
99 69.2 58.4 87.6



#16
Acetone
Concen: 128.217 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion: 43 Resp: 27362
Ion Ratio Lower Upper
43 100
58 29.9 21.3 31.9

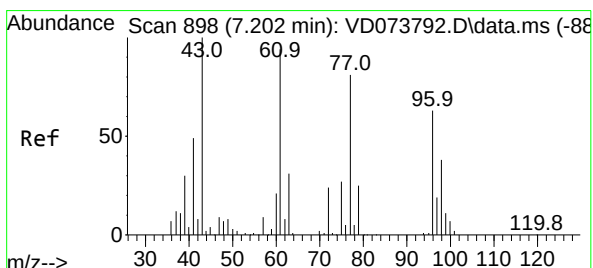
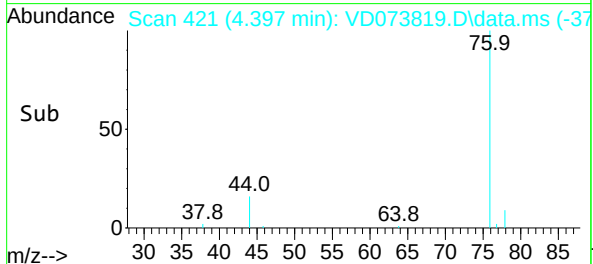
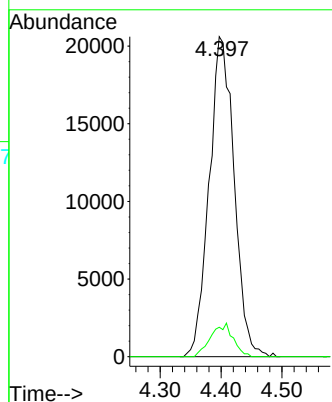
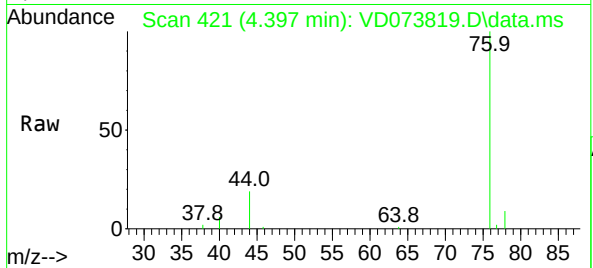




#17
Carbon Disulfide
Concen: 61.326 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

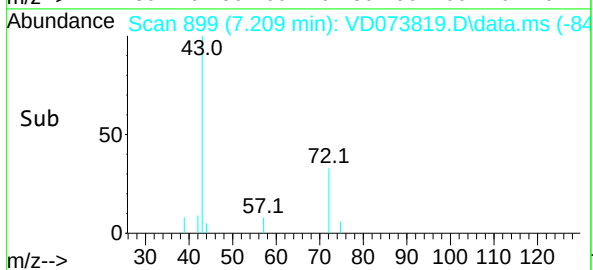
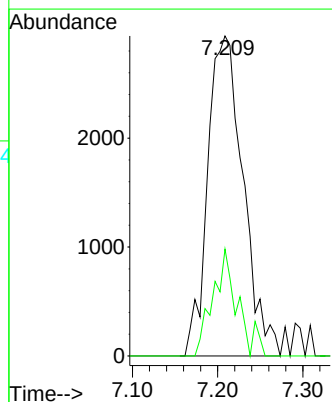
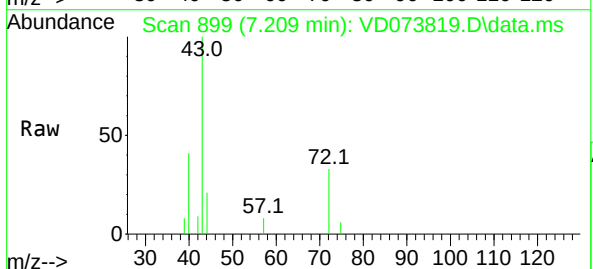
Instrument :
MSVOA_D
ClientSampleId :
20220485A-3A

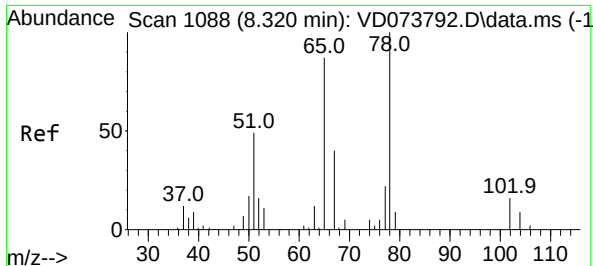
Tgt Ion: 76 Resp: 58738
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#25
2-Butanone
Concen: 23.549 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion: 43 Resp: 8488
Ion Ratio Lower Upper
43 100
72 33.4 18.8 28.2#





#33

1,2-Dichloroethane-d4

Concen: 72.578 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073819.D

Acq: 07 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

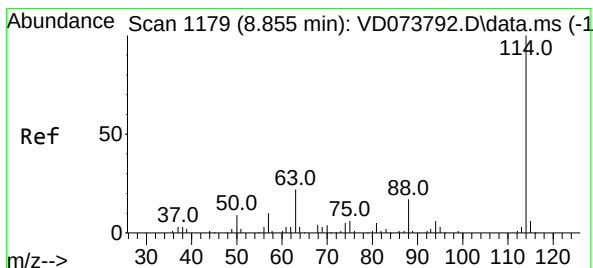
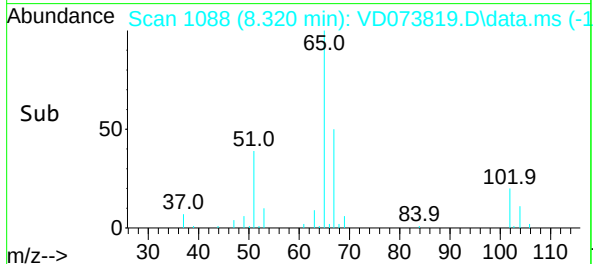
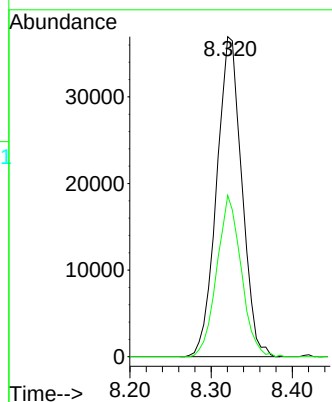
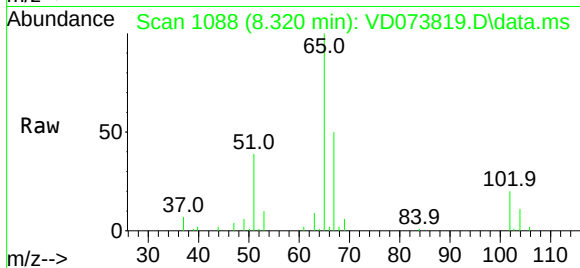
20220485A-3A

Tgt Ion: 65 Resp: 79633

Ion Ratio Lower Upper

65 100

67 48.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073819.D

Acq: 07 Jul 2022 20:29

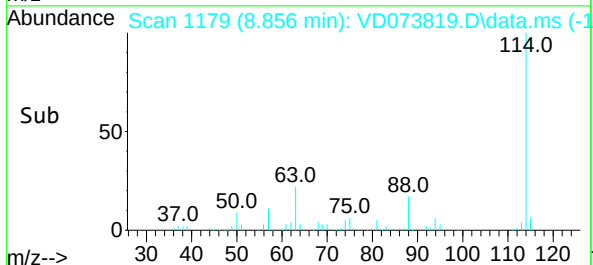
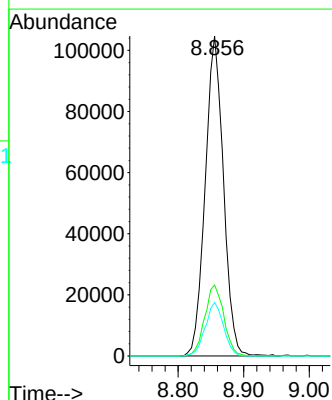
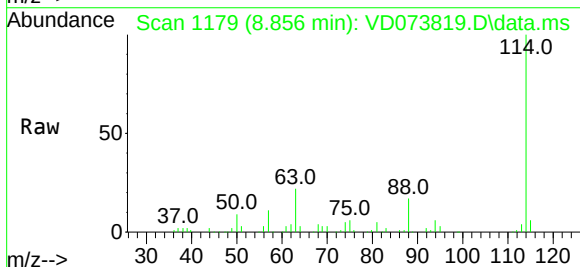
Tgt Ion: 114 Resp: 202643

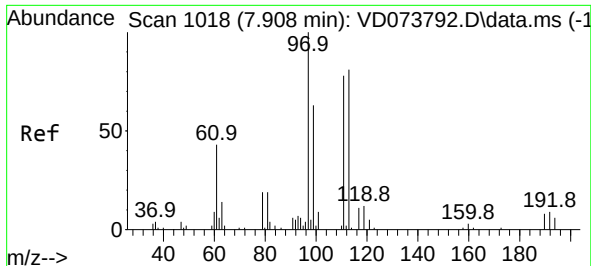
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.819 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073819.D

Acq: 07 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

20220485A-3A

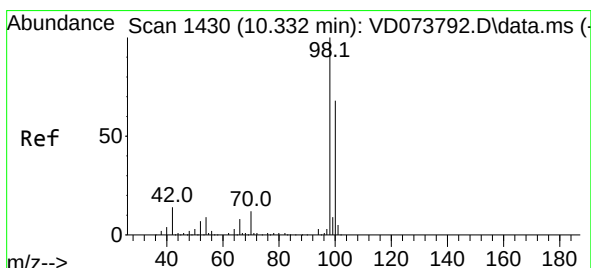
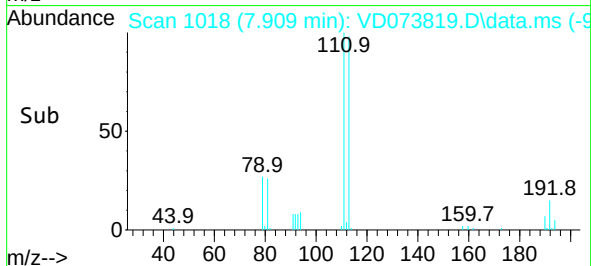
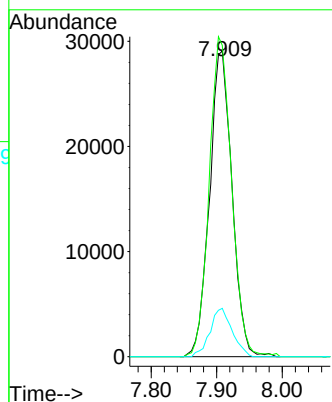
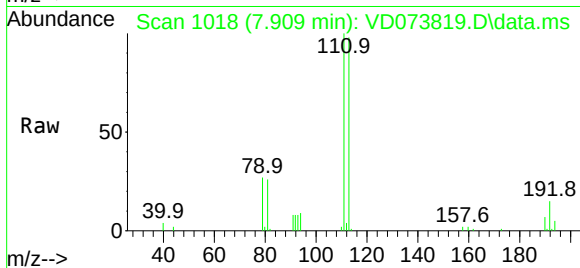
Tgt Ion:113 Resp: 69404

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

192 15.6 11.7 17.5



#50

Toluene-d8

Concen: 61.682 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073819.D

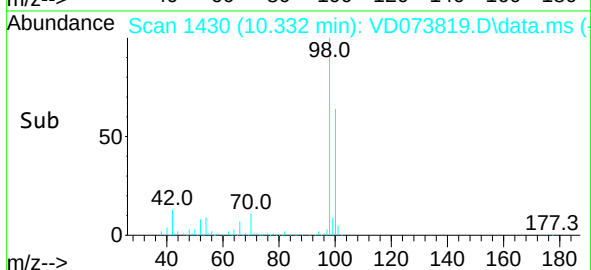
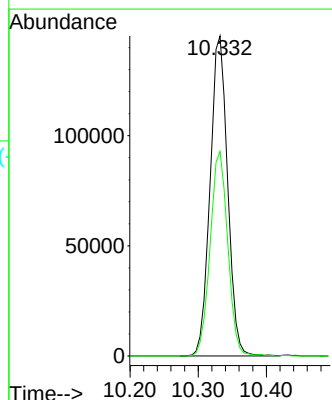
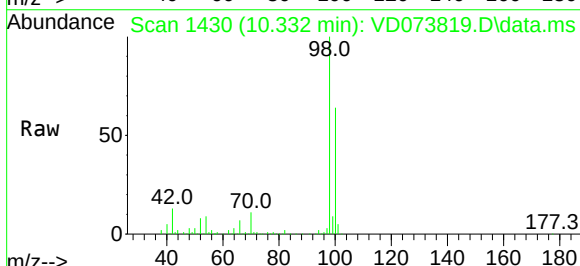
Acq: 07 Jul 2022 20:29

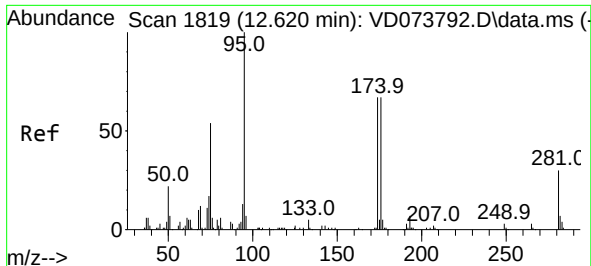
Tgt Ion: 98 Resp: 259814

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9

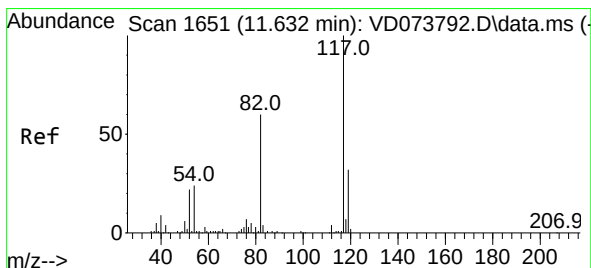
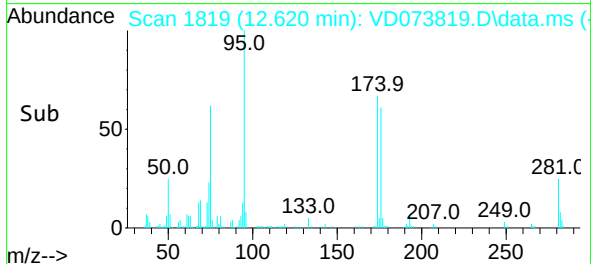
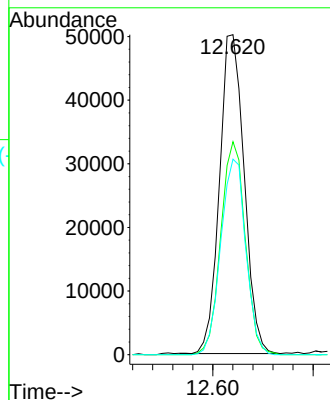
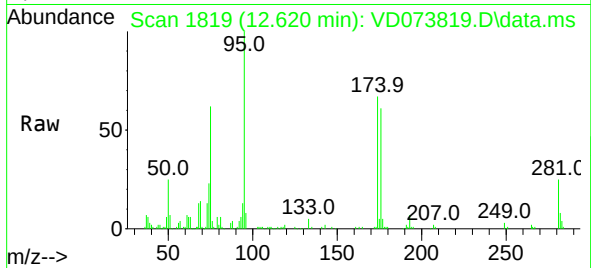




#62
4-Bromofluorobenzene
Concen: 49.414 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

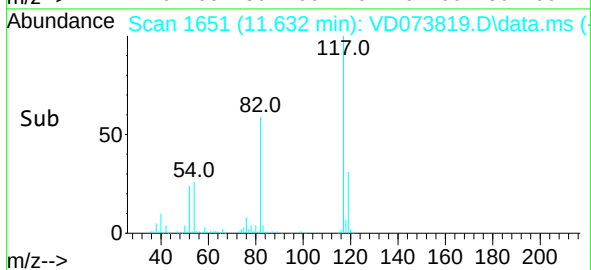
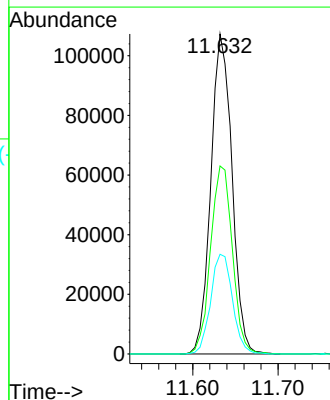
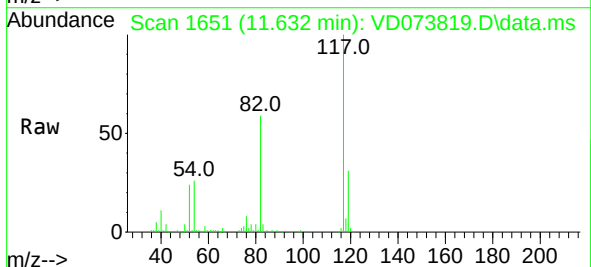
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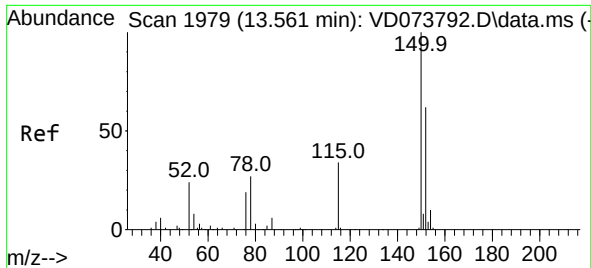
Tgt Ion: 95 Resp: 85554
Ion Ratio Lower Upper
95 100
174 66.0 0.0 132.4
176 62.1 0.0 129.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073819.D
Acq: 07 Jul 2022 20:29

Tgt Ion: 117 Resp: 185000
Ion Ratio Lower Upper
117 100
82 58.7 48.2 72.2
119 31.2 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: VD073819.D

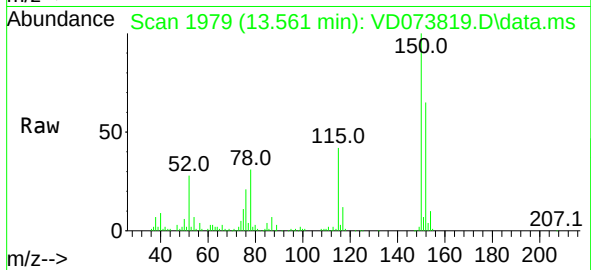
Acq: 07 Jul 2022 20:29

Instrument :

MSVOA_D

ClientSampleId :

20220485A-3A



Tgt Ion:152 Resp: 71778

Ion Ratio Lower Upper

152 100

115 65.3 32.2 96.6

150 153.5 0.0 353.0

