

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071917.D
 Acq On : 08 Feb 2022 14:52
 Operator : VA/SY
 Sample : N1424-02
 Misc : 6.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-10(22-25)-02-04-22

Quant Time: Feb 09 03:51:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

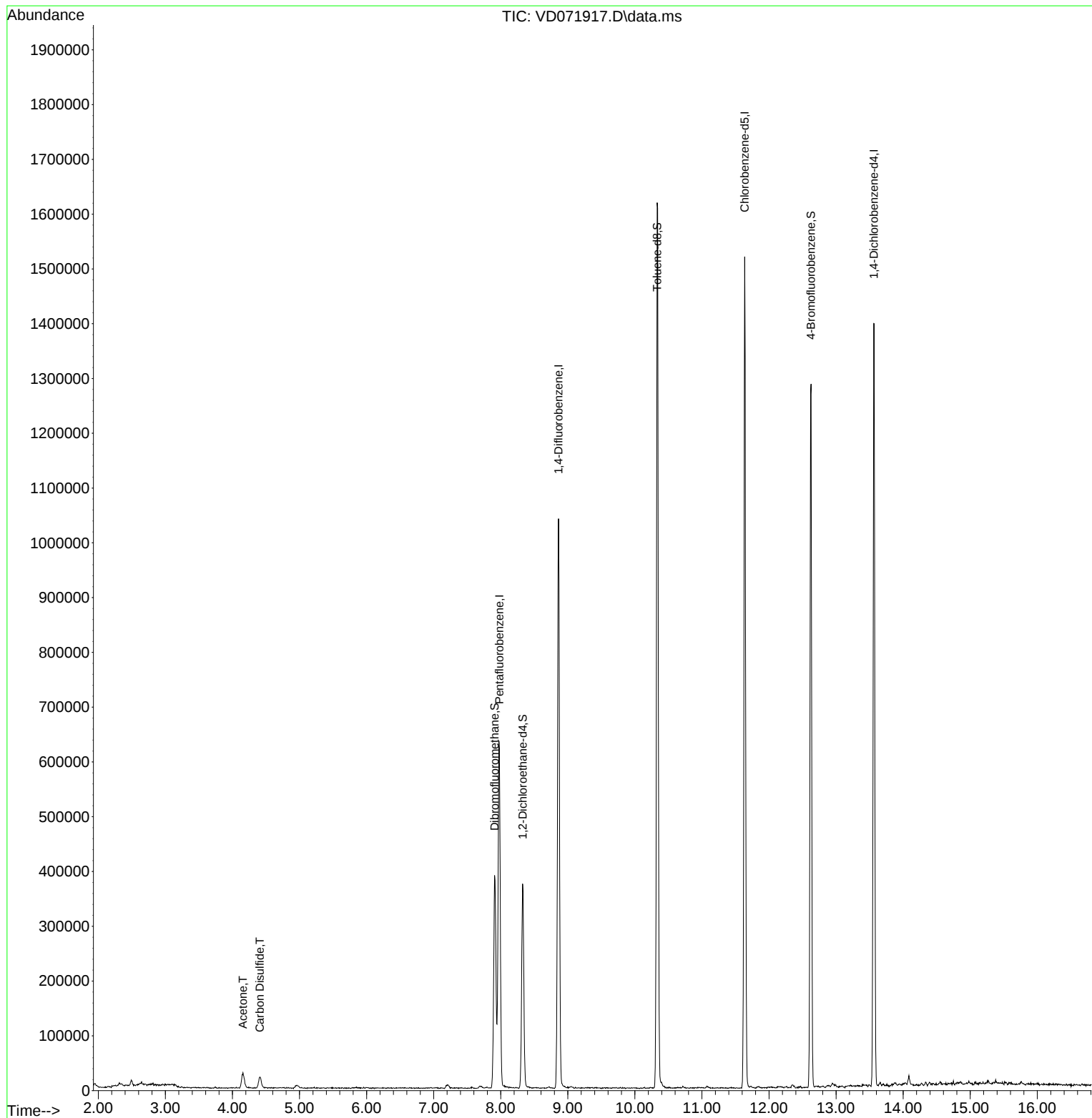
Internal Standards						
1) Pentafluorobenzene	7.979	168	438683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	834764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	792789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	349941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	294679	53.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.300%	
35) Dibromofluoromethane	7.909	113	280280	51.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.160%	
50) Toluene-d8	10.332	98	1068163	52.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	12.626	95	360902	50.431	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.860%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	51691	34.056	ug/l	91
17) Carbon Disulfide	4.409	76	41947	2.496	ug/l	96

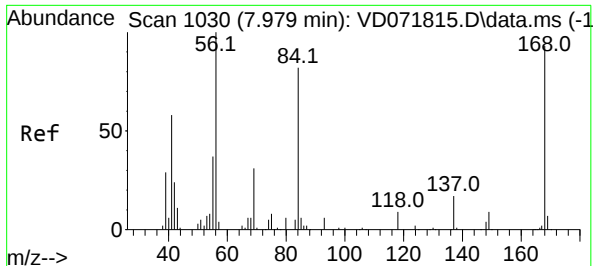
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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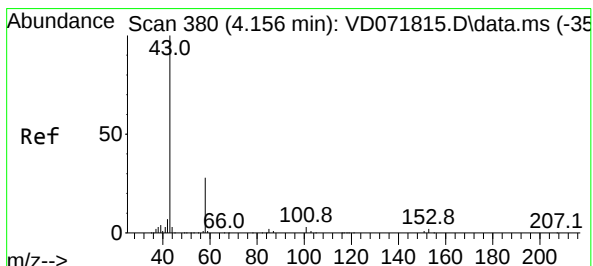
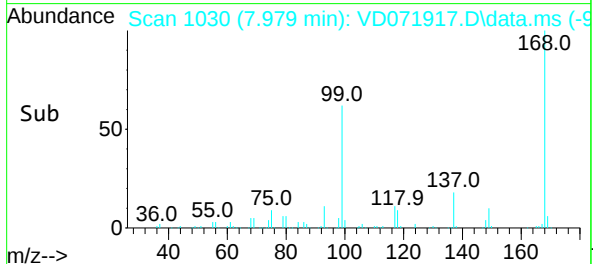
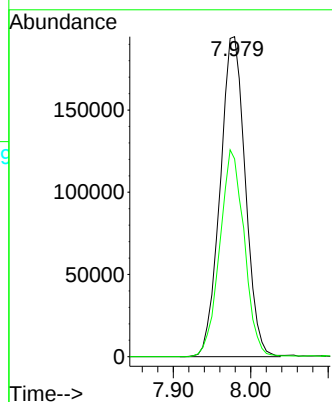
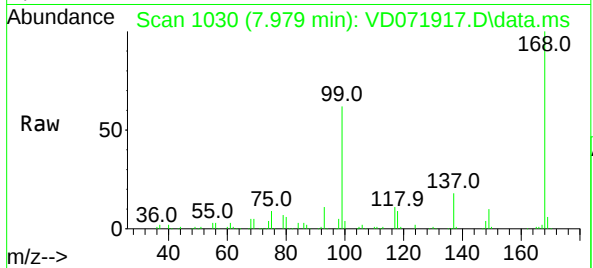




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071917.D
Acq: 08 Feb 2022 14:52

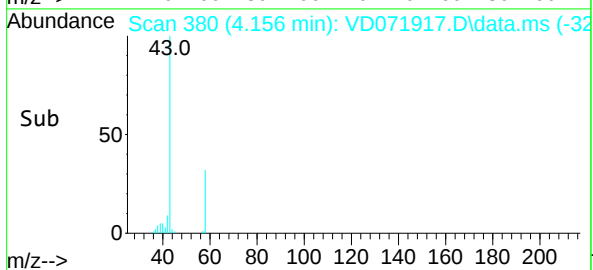
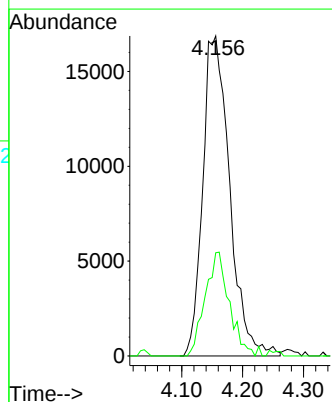
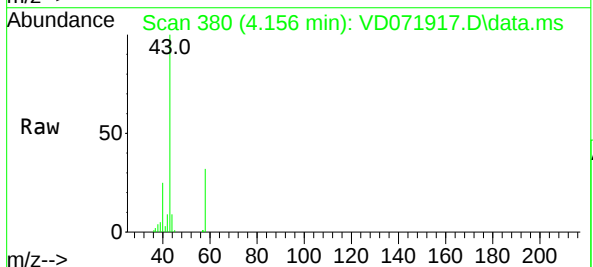
Instrument :
MSVOA_D
ClientSampleId :
DB-10(22-25)-02-04-22

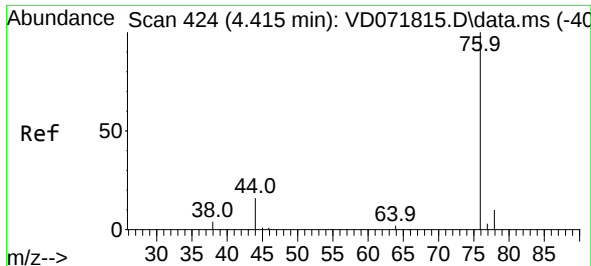
Tgt Ion:168 Resp: 438683
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#16
Acetone
Concen: 34.056 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071917.D
Acq: 08 Feb 2022 14:52

Tgt Ion: 43 Resp: 51691
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1

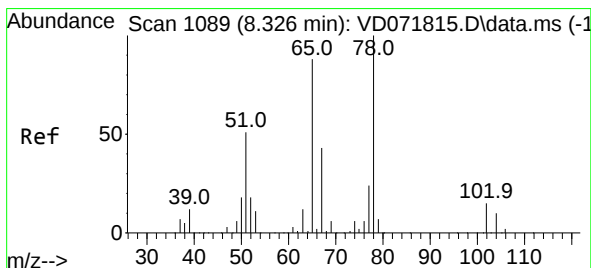
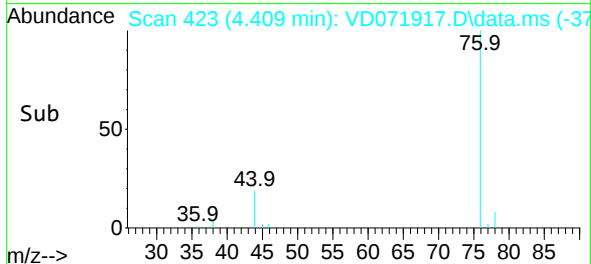
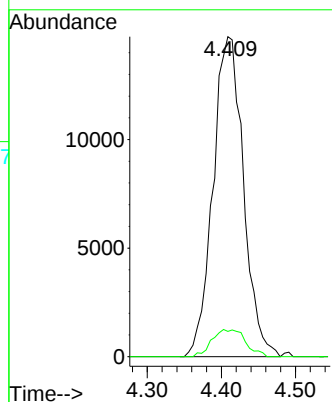
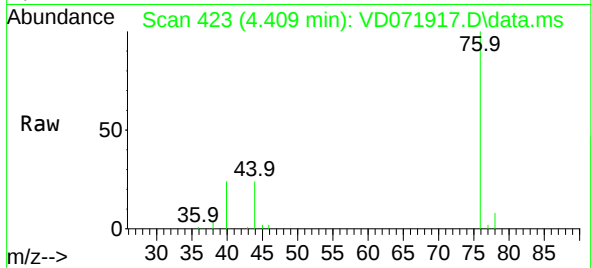




#17
Carbon Disulfide
Concen: 2.496 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071917.D
Acq: 08 Feb 2022 14:52

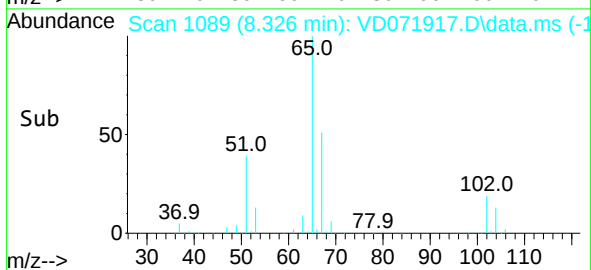
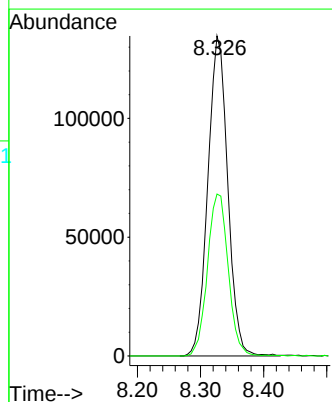
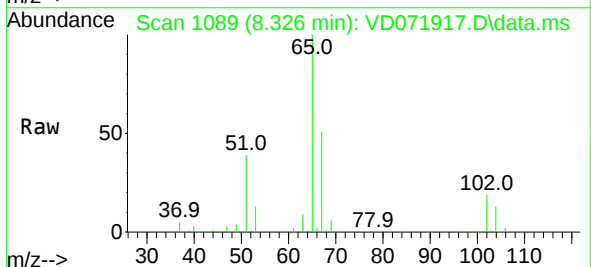
Instrument :
MSVOA_D
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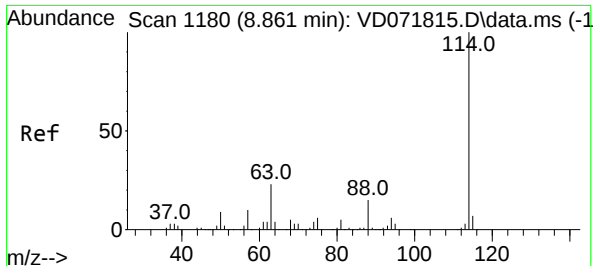
Tgt Ion: 76 Resp: 41947
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 53.146 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071917.D
Acq: 08 Feb 2022 14:52

Tgt Ion: 65 Resp: 294679
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071917.D

Acq: 08 Feb 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

DB-10(22-25)-02-04-22

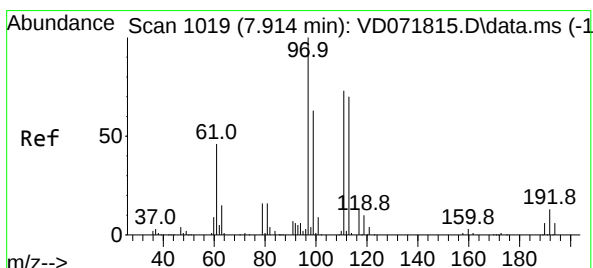
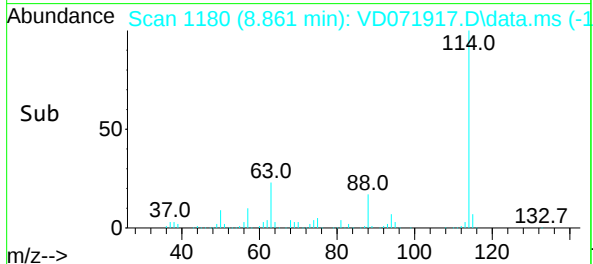
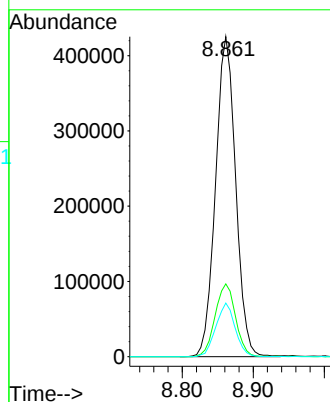
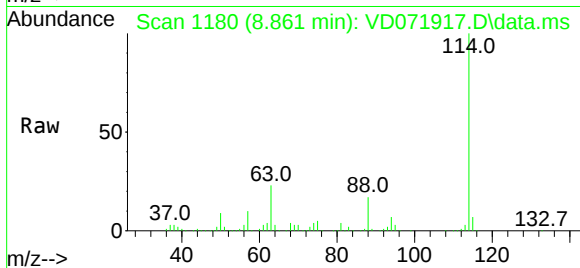
Tgt Ion:114 Resp: 834764

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.079 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071917.D

Acq: 08 Feb 2022 14:52

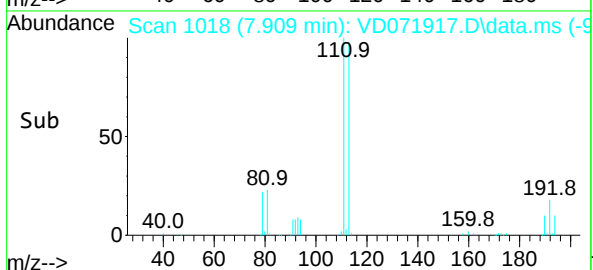
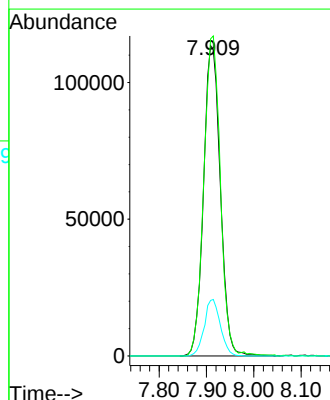
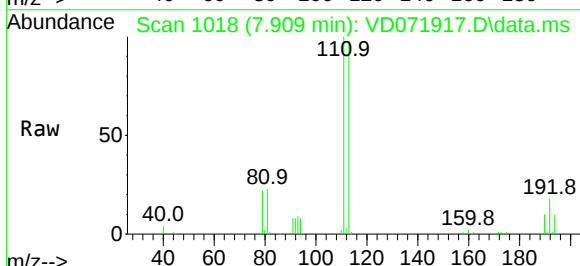
Tgt Ion:113 Resp: 280280

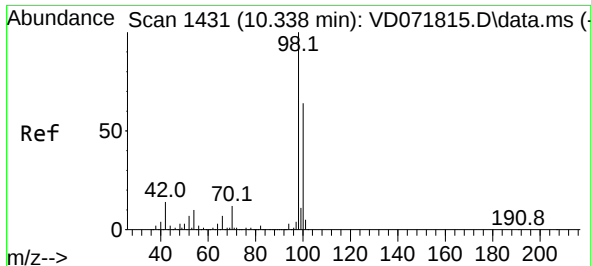
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.4 14.6 21.8

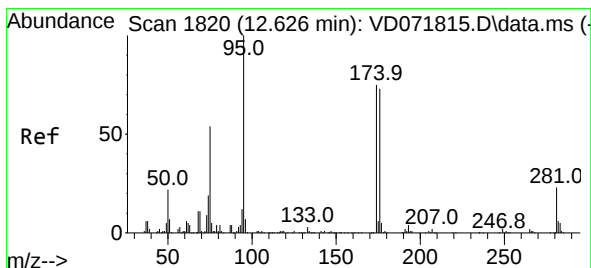
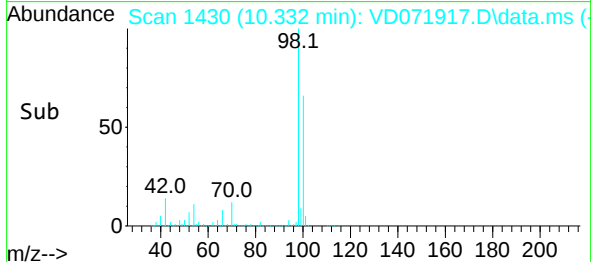
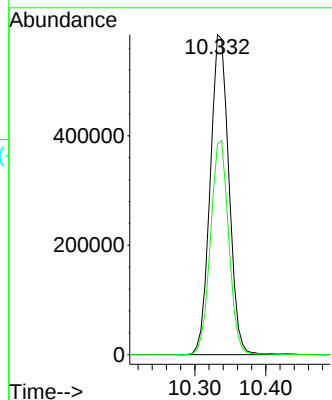
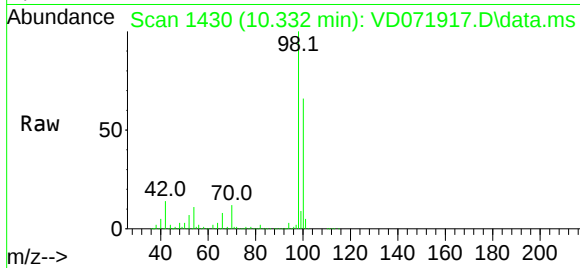




#50
Toluene-d8
Concen: 52.124 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071917.D
Acq: 08 Feb 2022 14:52

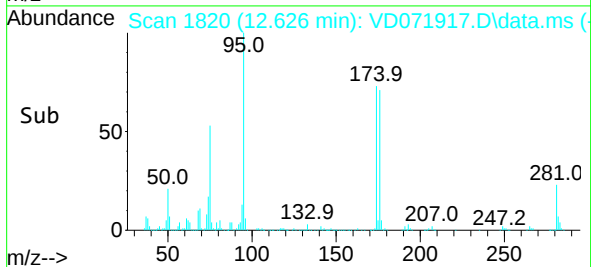
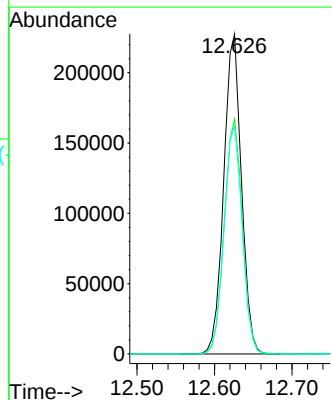
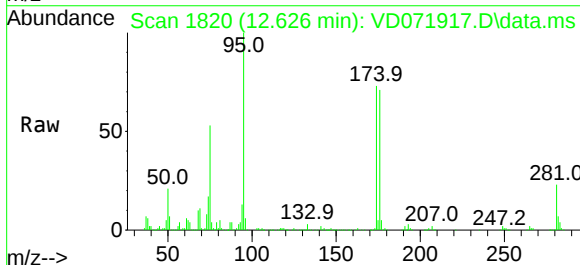
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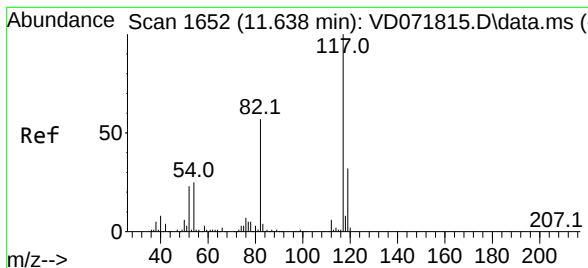
Tgt Ion: 98 Resp: 1068163
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.431 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071917.D
Acq: 08 Feb 2022 14:52

Tgt Ion: 95 Resp: 360902
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 72.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071917.D

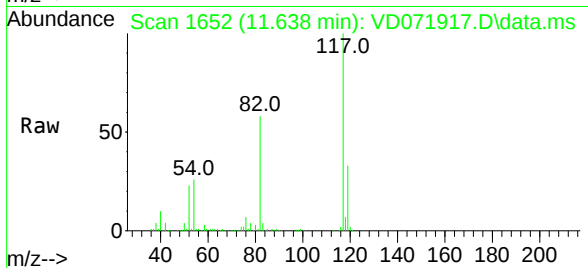
Acq: 08 Feb 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

DB-10(22-25)-02-04-22



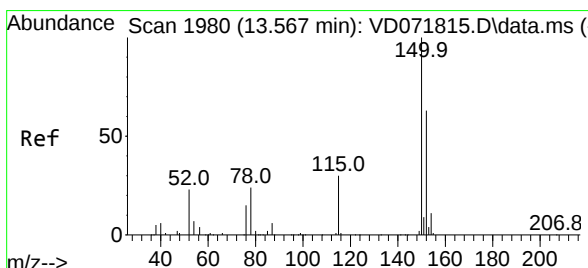
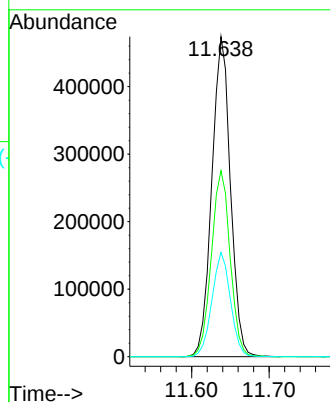
Tgt Ion:117 Resp: 792789

Ion Ratio Lower Upper

117 100

82 58.1 45.3 67.9

119 32.6 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071917.D

Acq: 08 Feb 2022 14:52

Tgt Ion:152 Resp: 349941

Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.8

150 159.2 0.0 348.6

