

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073843.D
 Acq On : 12 Jul 2022 17:29
 Operator : VA/SY
 Sample : N3649-06
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-2-UC

Quant Time: Jul 13 04:32:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

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

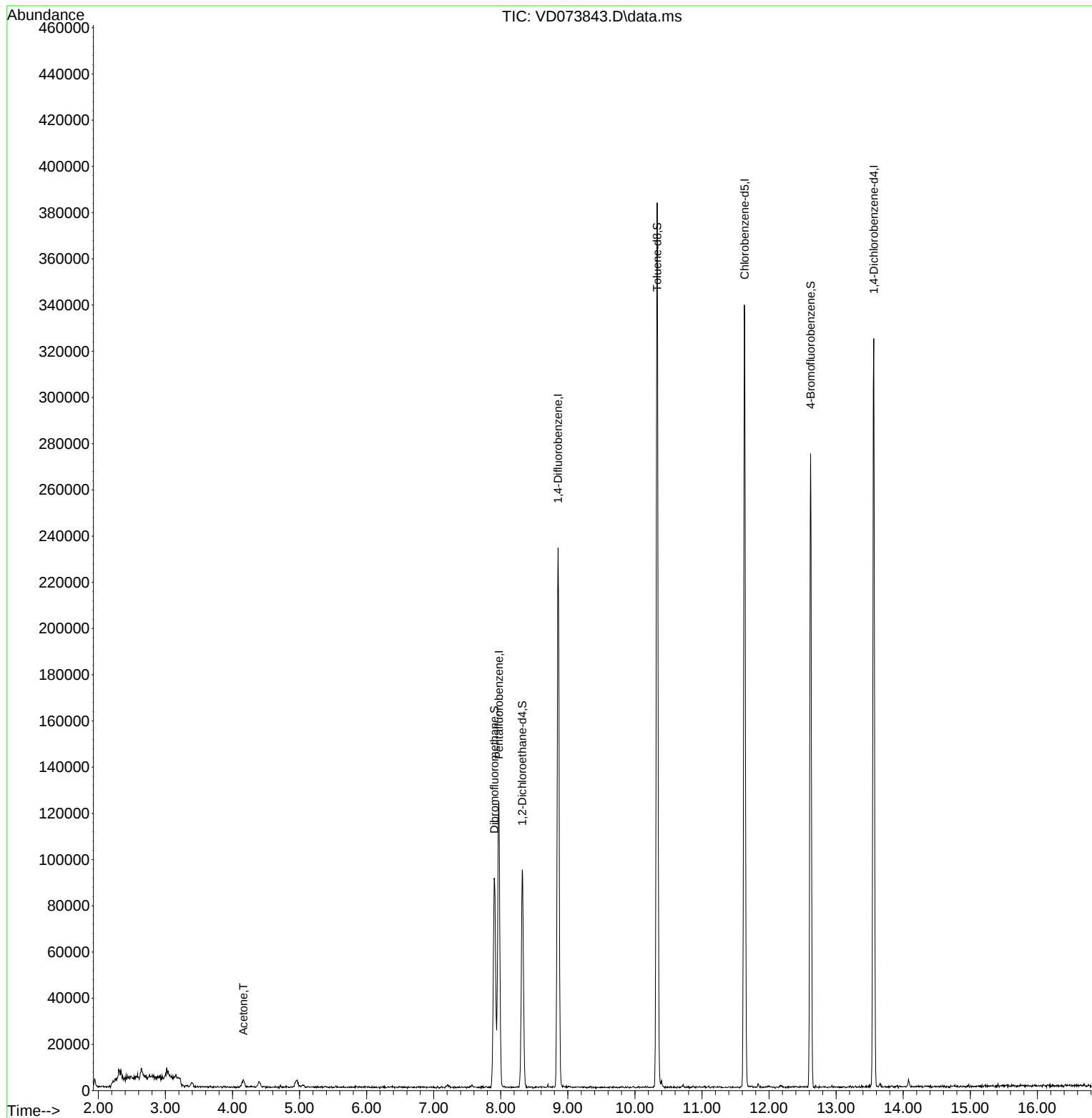
Internal Standards						
1) Pentafluorobenzene	7.973	168	77077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	186714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	177781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	74543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72915	70.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.260%	
35) Dibromofluoromethane	7.902	113	65389	52.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.332	98	244598	56.790	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 113.580%	
62) 4-Bromofluorobenzene	12.620	95	83391	45.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 91.380%	
Target Compounds						
16) Acetone	4.161	43	6192	35.008	ug/l	Qvalue # 84

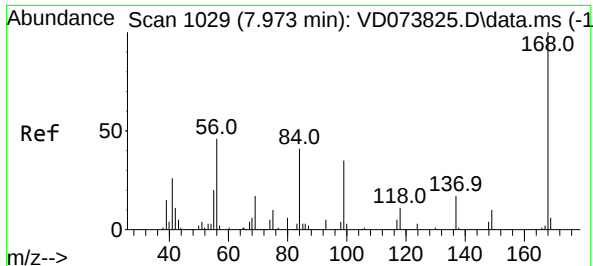
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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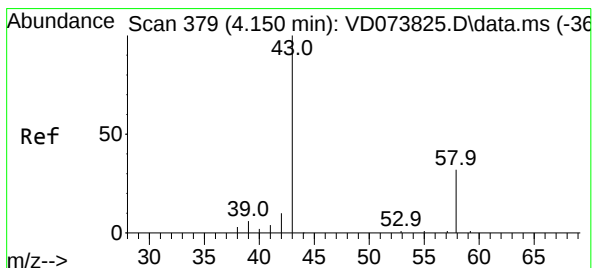
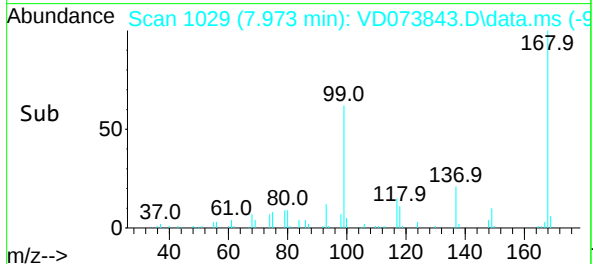
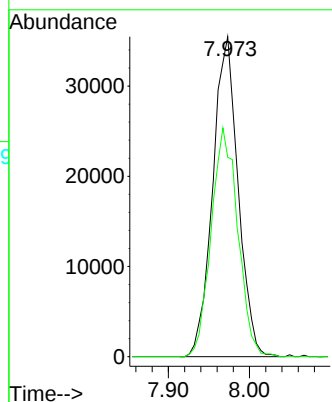
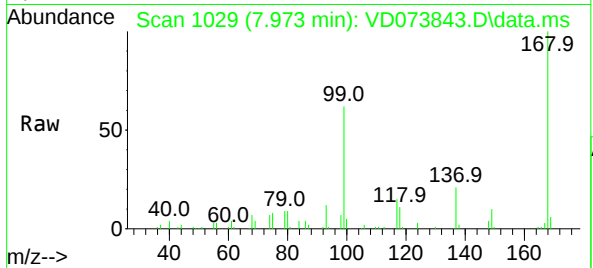




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073843.D
Acq: 12 Jul 2022 17:29

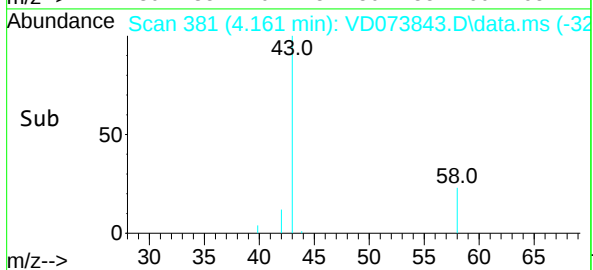
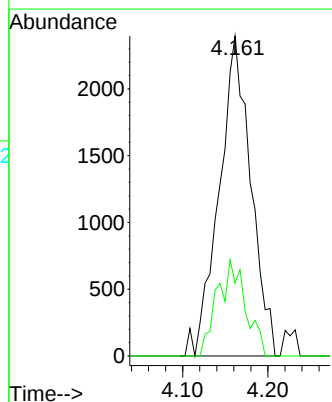
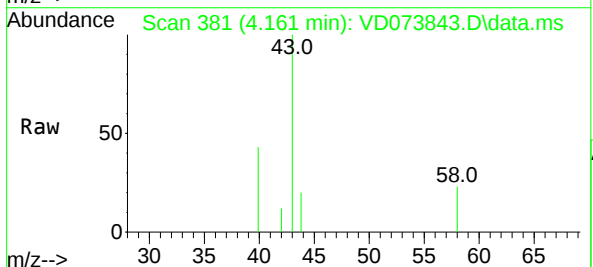
Instrument :
MSVOA_D
ClientSampleId :
A-2-UC

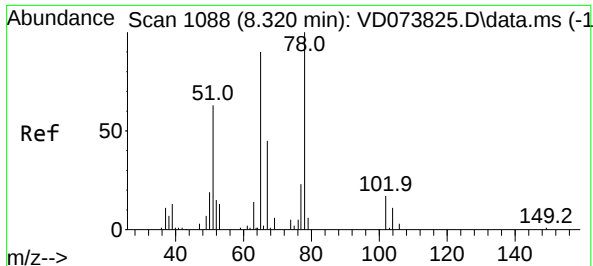
Tgt Ion:168 Resp: 77077
Ion Ratio Lower Upper
168 100
99 62.3 53.8 80.6



#16
Acetone
Concen: 35.008 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD073843.D
Acq: 12 Jul 2022 17:29

Tgt Ion: 43 Resp: 6192
Ion Ratio Lower Upper
43 100
58 22.8 25.2 37.8#





#33

1,2-Dichloroethane-d4

Concen: 70.627 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073843.D

Acq: 12 Jul 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

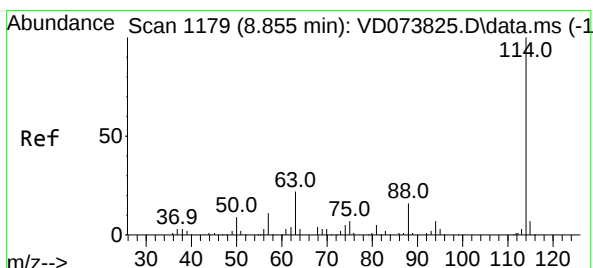
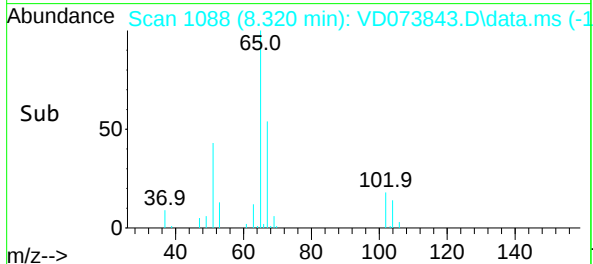
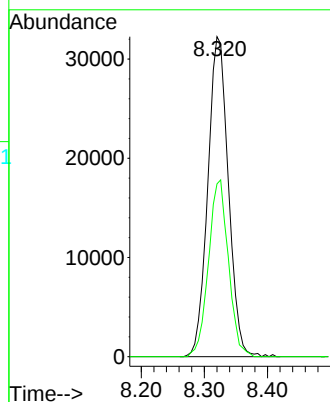
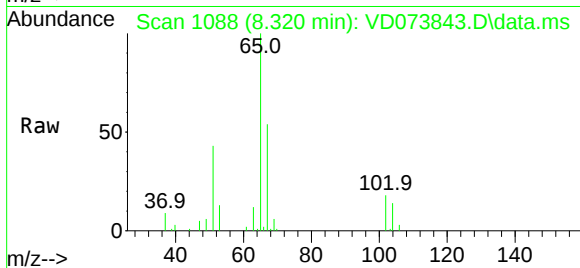
A-2-UC

Tgt Ion: 65 Resp: 72915

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073843.D

Acq: 12 Jul 2022 17:29

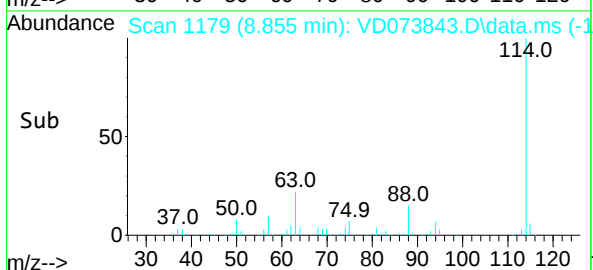
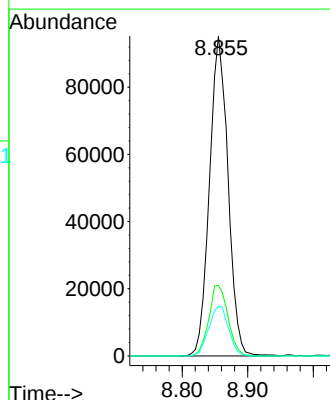
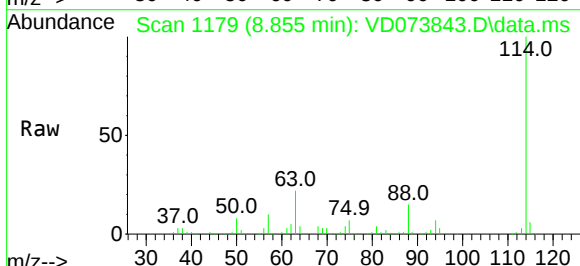
Tgt Ion: 114 Resp: 186714

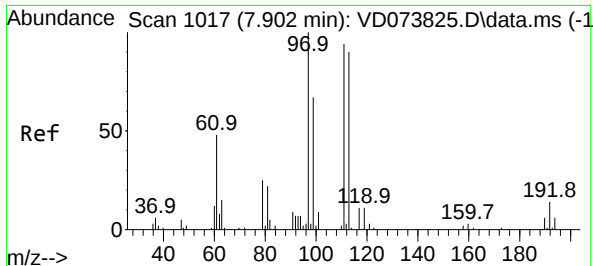
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.939 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD073843.D

Acq: 12 Jul 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

A-2-UC

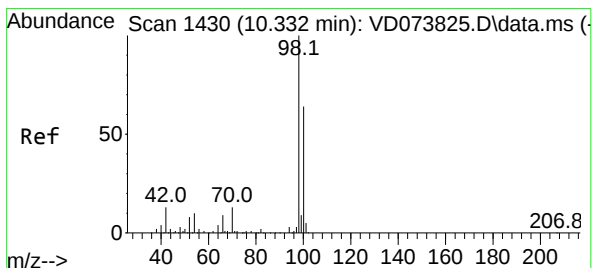
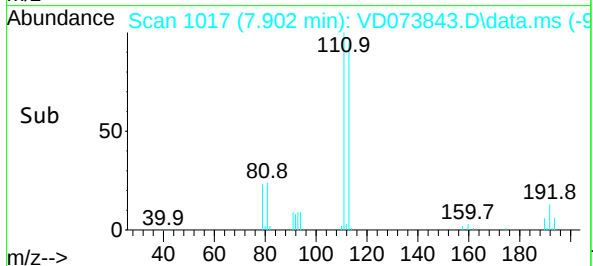
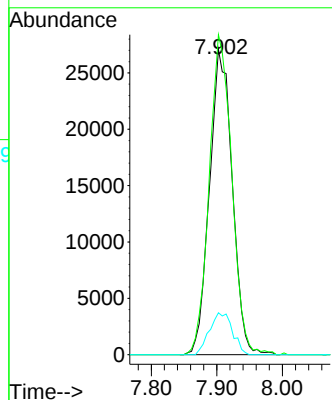
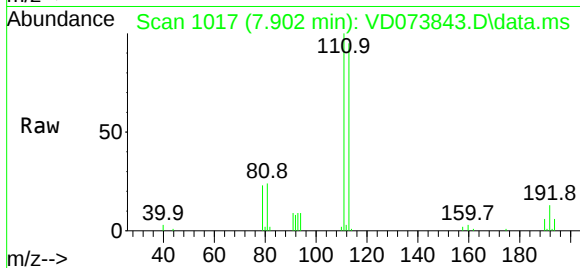
Tgt Ion:113 Resp: 65389

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 13.9 12.3 18.5



#50

Toluene-d8

Concen: 56.790 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073843.D

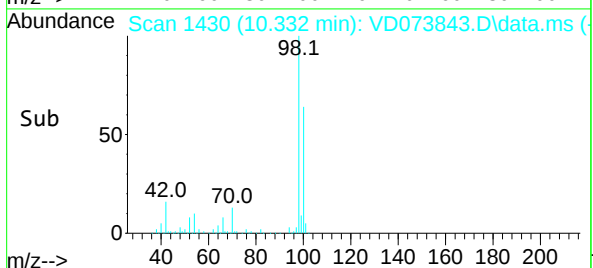
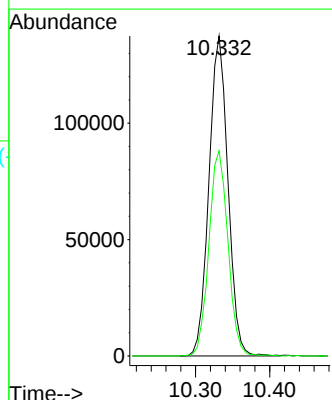
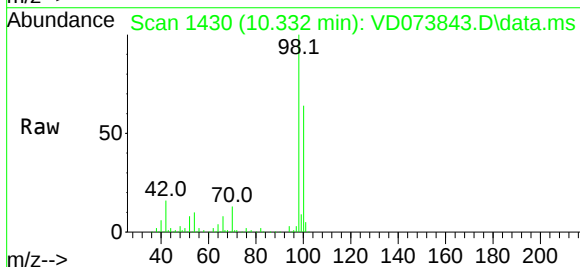
Acq: 12 Jul 2022 17:29

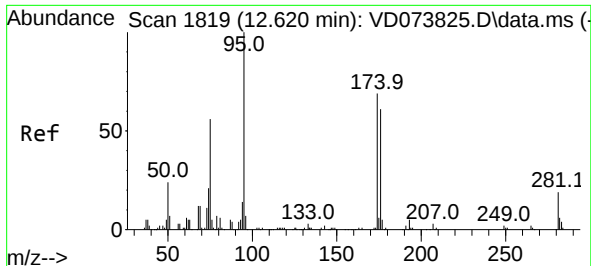
Tgt Ion: 98 Resp: 244598

Ion Ratio Lower Upper

98 100

100 64.4 52.9 79.3

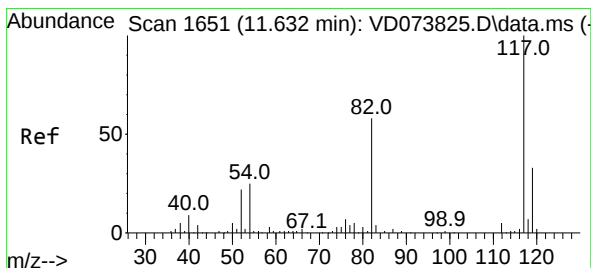
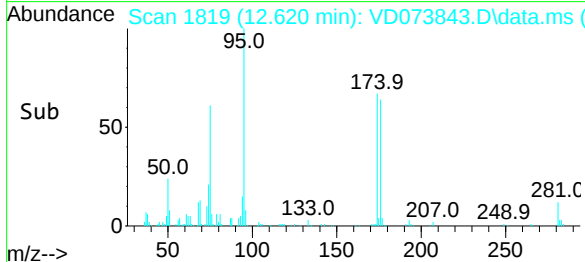
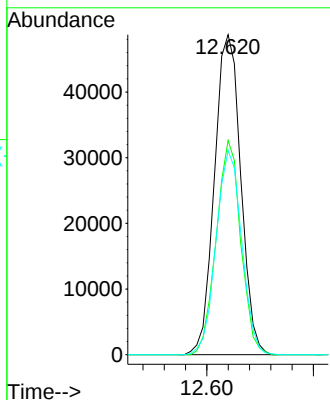
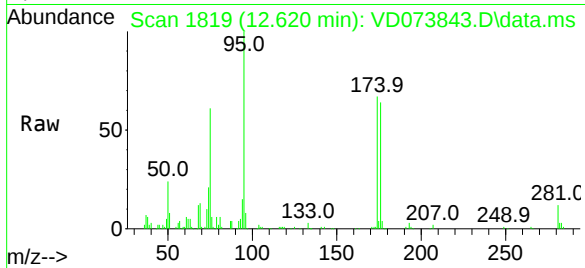




#62
4-Bromofluorobenzene
Concen: 45.695 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073843.D
Acq: 12 Jul 2022 17:29

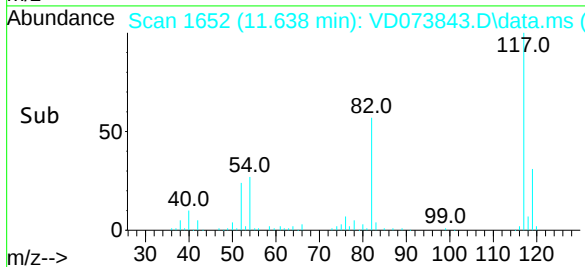
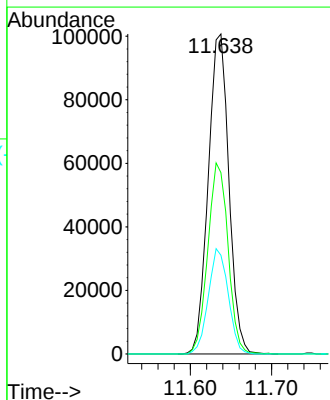
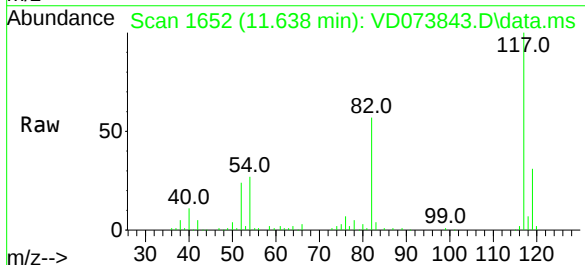
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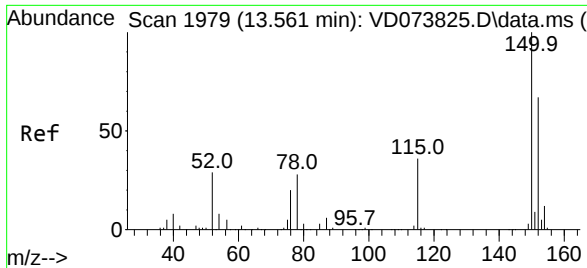
Tgt Ion: 95 Resp: 83391
Ion Ratio Lower Upper
95 100
174 62.5 0.0 131.8
176 62.2 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073843.D
Acq: 12 Jul 2022 17:29

Tgt Ion: 117 Resp: 177781
Ion Ratio Lower Upper
117 100
82 56.7 46.6 69.8
119 30.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073843.D

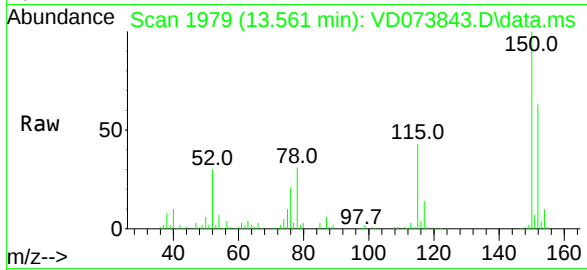
Acq: 12 Jul 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

A-2-UC



Tgt Ion:152 Resp: 74543

Ion Ratio Lower Upper

152 100

115 68.8 33.5 100.5

150 160.2 0.0 343.2

