

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073841.D
 Acq On : 12 Jul 2022 16:28
 Operator : VA/SY
 Sample : N3649-04
 Misc : 4.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-6-UC

Quant Time: Jul 13 04:32:03 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)

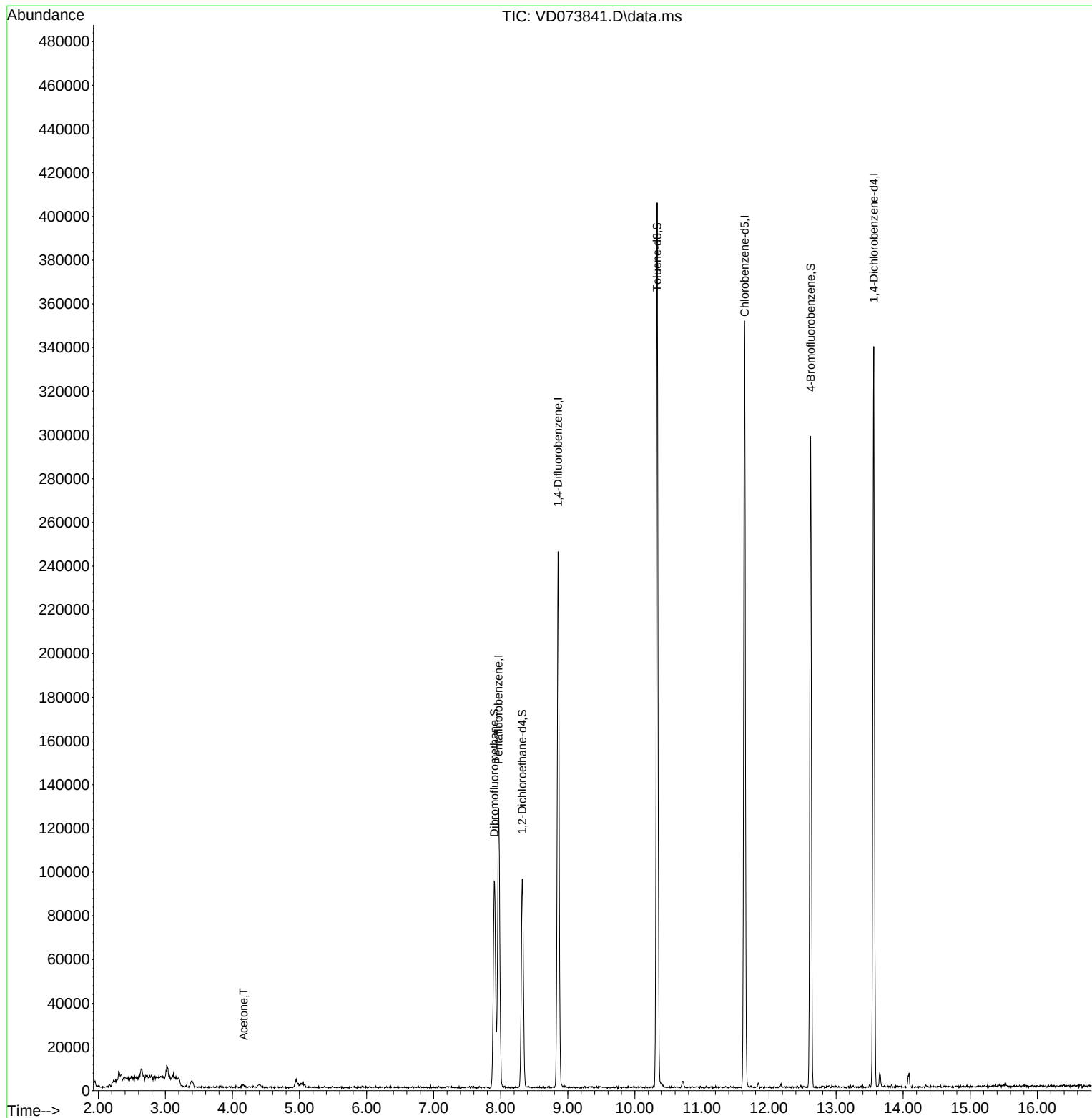
Internal Standards						
1) Pentafluorobenzene	7.967	168	78511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	187262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	179627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	76901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	75747	72.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.060%	
35) Dibromofluoromethane	7.903	113	66558	53.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.460%	
50) Toluene-d8	10.332	98	247198	57.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 114.460%	
62) 4-Bromofluorobenzene	12.620	95	86778	47.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 94.820%	
Target Compounds						
16) Acetone	4.168	43	2401	13.327	ug/l	Qvalue 98

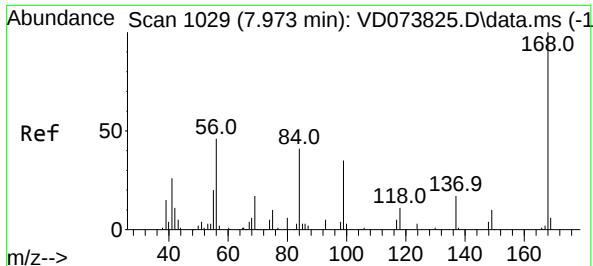
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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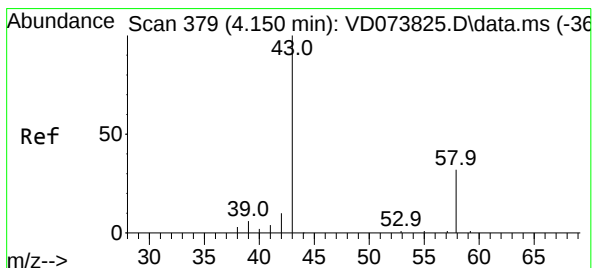
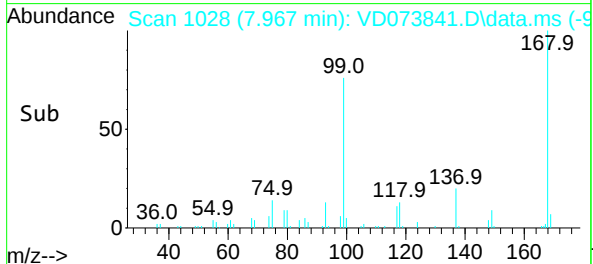
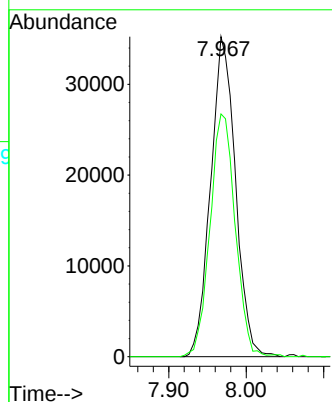
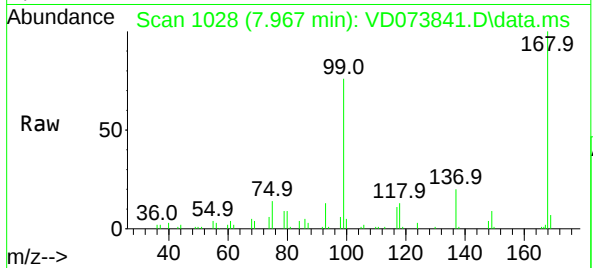




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073841.D
Acq: 12 Jul 2022 16:28

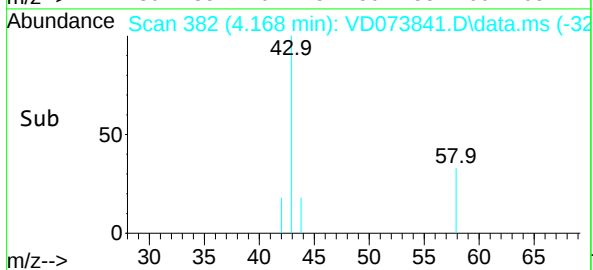
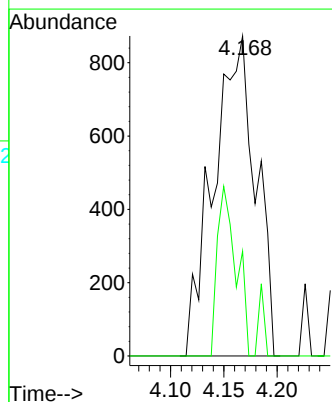
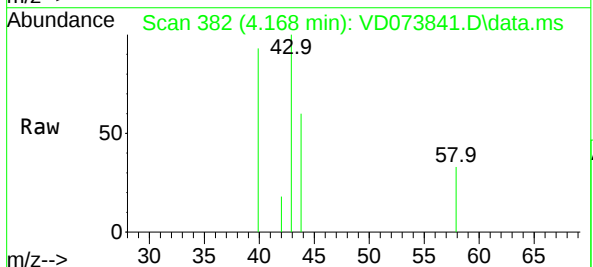
Instrument :
MSVOA_D
ClientSampleId :
A-6-UC

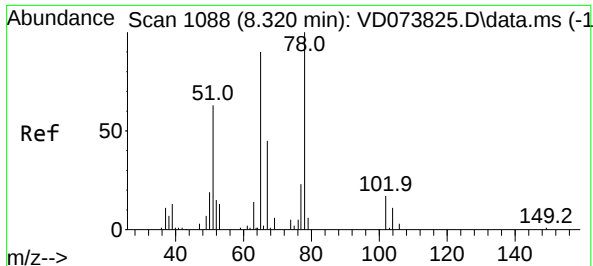
Tgt Ion:168 Resp: 78511
Ion Ratio Lower Upper
168 100
99 75.9 53.8 80.6



#16
Acetone
Concen: 13.327 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.018 min
Lab File: VD073841.D
Acq: 12 Jul 2022 16:28

Tgt Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
58 32.8 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 72.030 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073841.D

Acq: 12 Jul 2022 16:28

Instrument :

MSVOA_D

ClientSampleId :

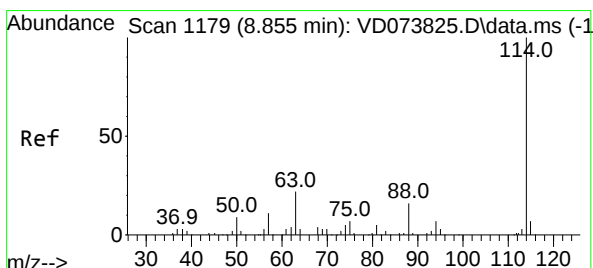
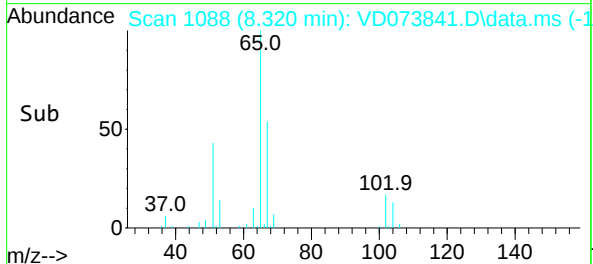
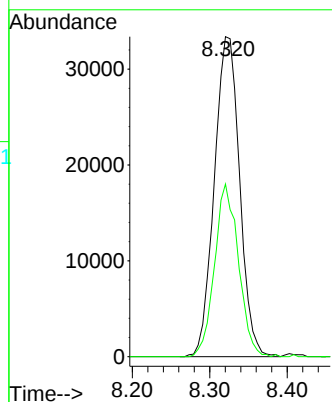
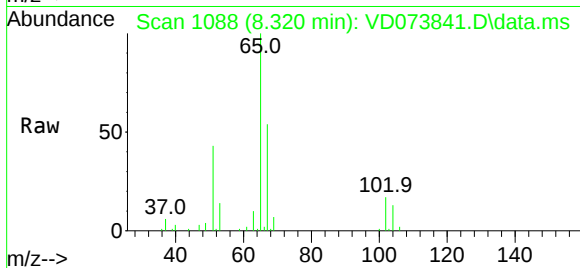
A-6-UC

Tgt Ion: 65 Resp: 75747

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073841.D

Acq: 12 Jul 2022 16:28

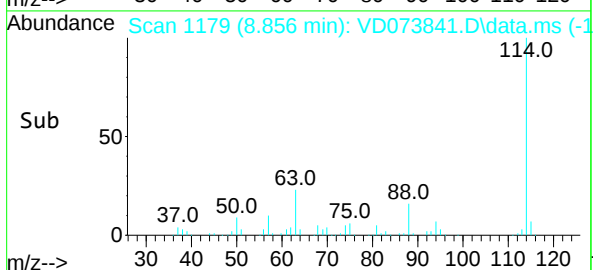
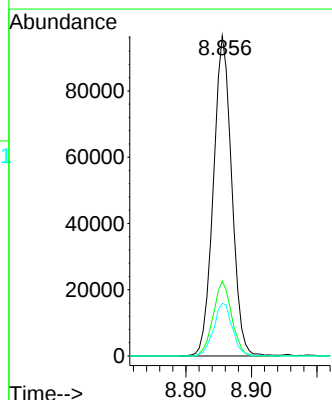
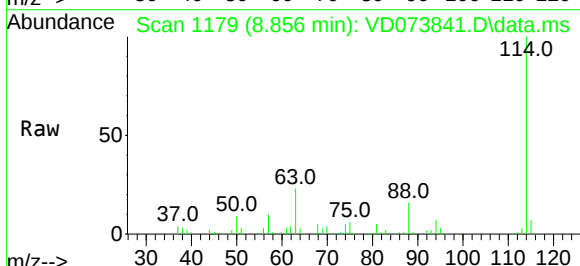
Tgt Ion: 114 Resp: 187262

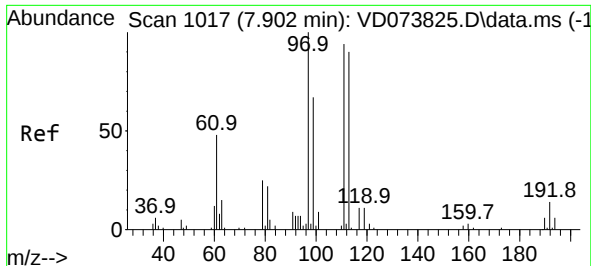
Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.0

88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.728 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD073841.D

Acq: 12 Jul 2022 16:28

Instrument :

MSVOA_D

ClientSampleId :

A-6-UC

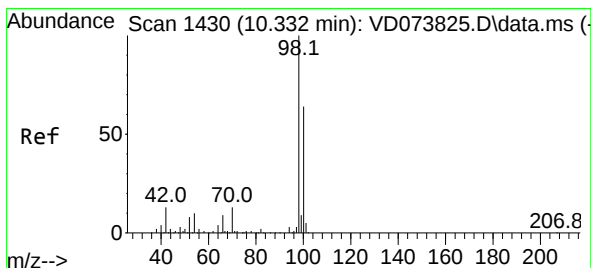
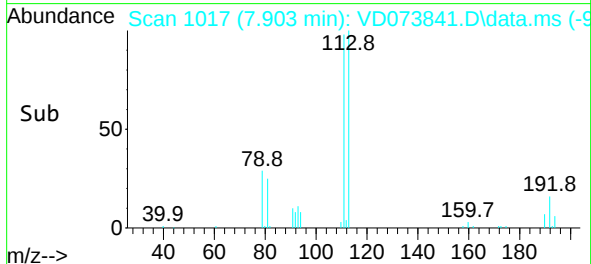
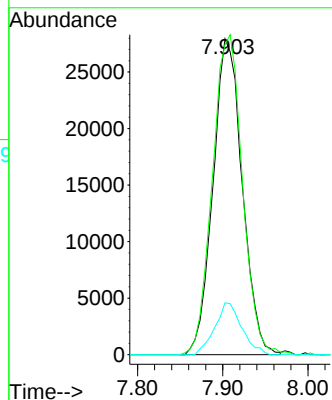
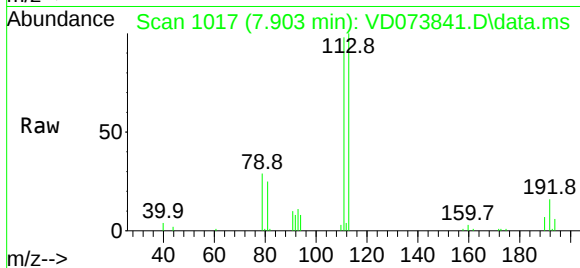
Tgt Ion:113 Resp: 66558

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 15.2 12.3 18.5



#50

Toluene-d8

Concen: 57.226 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073841.D

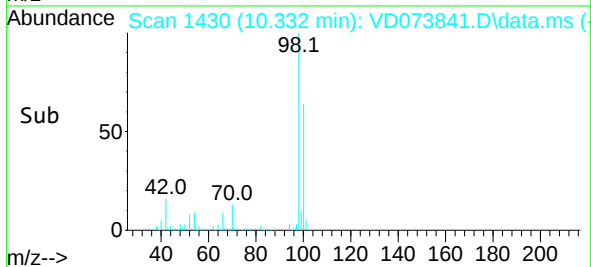
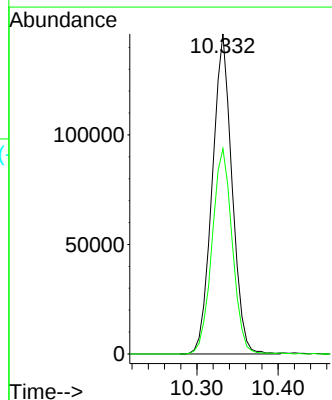
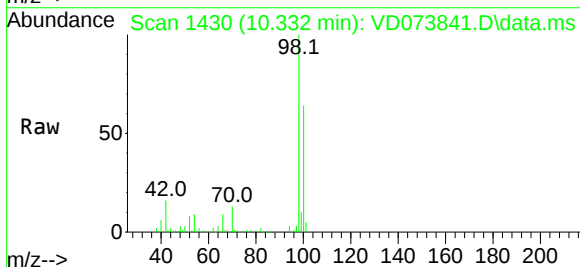
Acq: 12 Jul 2022 16:28

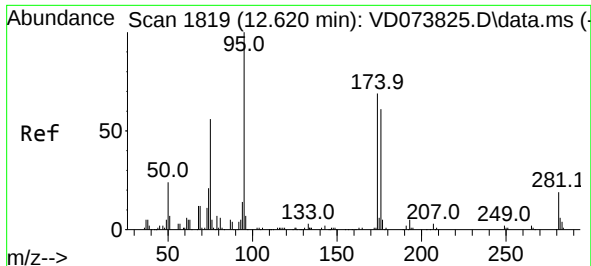
Tgt Ion: 98 Resp: 247198

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3

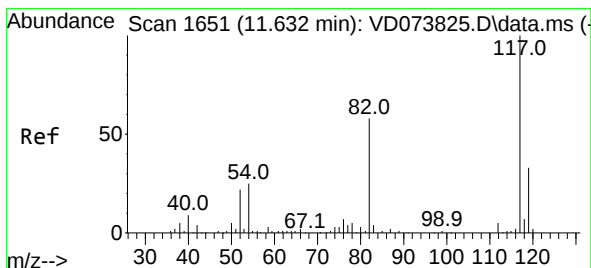
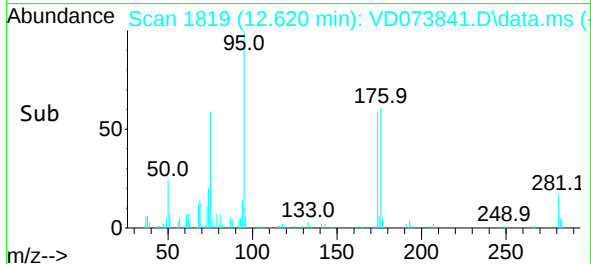
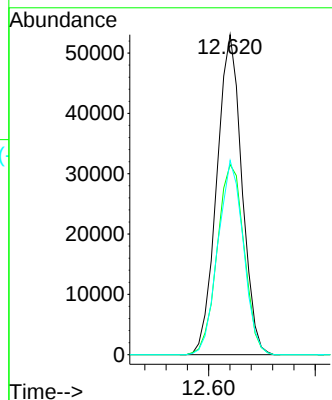
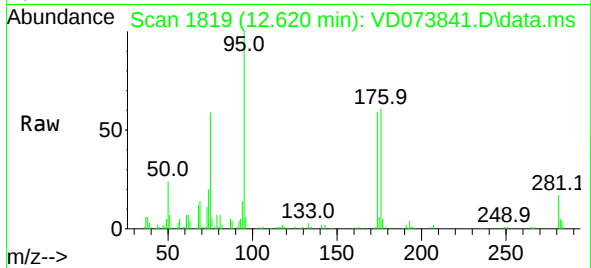




#62
4-Bromofluorobenzene
Concen: 47.412 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073841.D
Acq: 12 Jul 2022 16:28

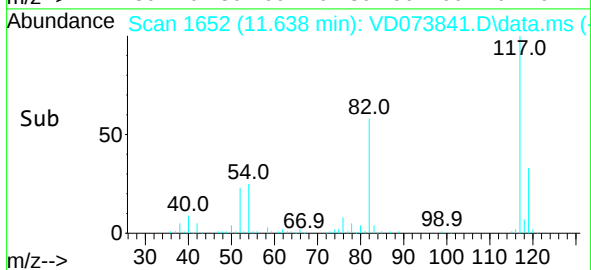
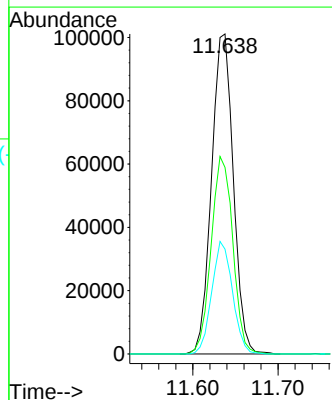
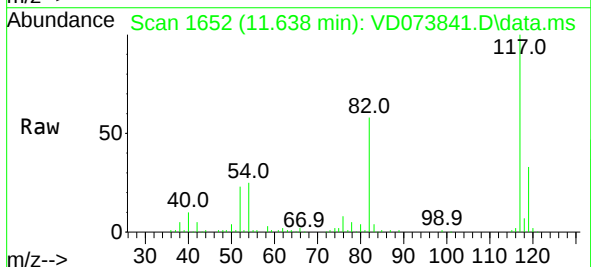
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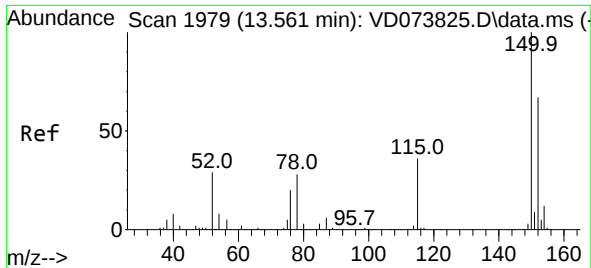
Tgt Ion: 95 Resp: 86778
Ion Ratio Lower Upper
95 100
174 63.4 0.0 131.8
176 61.6 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073841.D
Acq: 12 Jul 2022 16:28

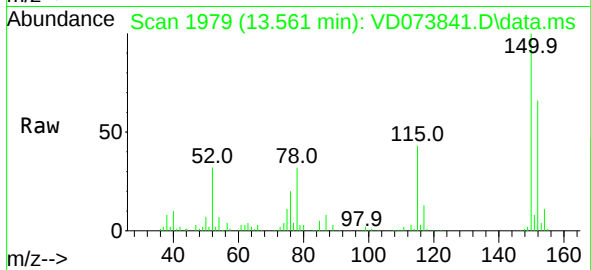
Tgt Ion: 117 Resp: 179627
Ion Ratio Lower Upper
117 100
82 58.3 46.6 69.8
119 32.8 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073841.D
 Acq: 12 Jul 2022 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 A-6-UC



Tgt Ion:152 Resp: 76901
 Ion Ratio Lower Upper
 152 100
 115 68.0 33.5 100.5
 150 156.0 0.0 343.2

