

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073840.D
 Acq On : 12 Jul 2022 15:57
 Operator : VA/SY
 Sample : N3649-03
 Misc : 6.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-3-LC

Quant Time: Jul 13 04:31:54 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)

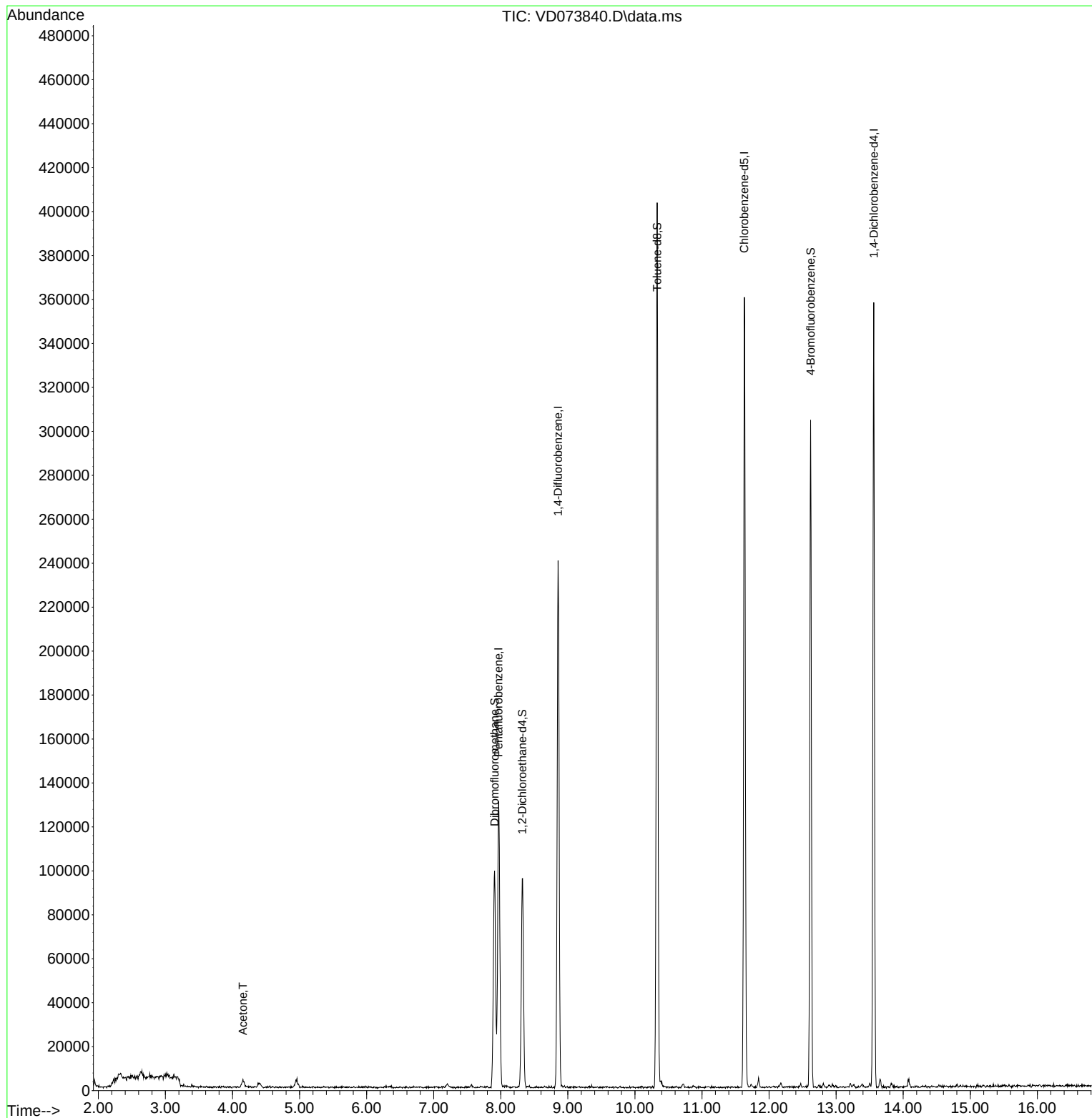
Internal Standards						
1) Pentafluorobenzene	7.967	168	80197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	190364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	183679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	78069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	75856	70.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.240%
35) Dibromofluoromethane	7.908	113	68550	54.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.860%
50) Toluene-d8	10.332	98	250696	57.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	114.180%
62) 4-Bromofluorobenzene	12.620	95	90907	48.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	97.720%
Target Compounds						
16) Acetone	4.156	43	5452	29.625	ug/l	Qvalue 89

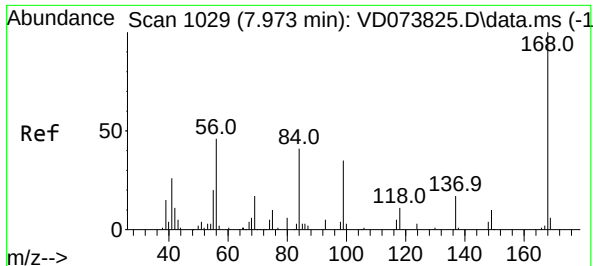
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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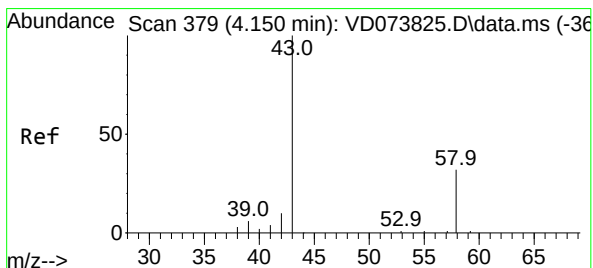
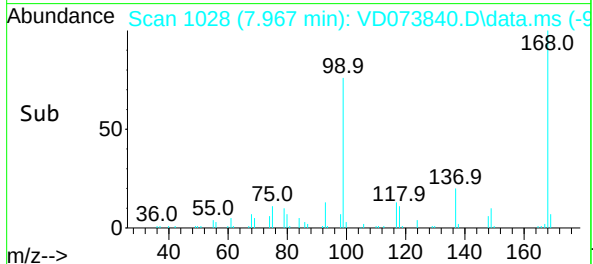
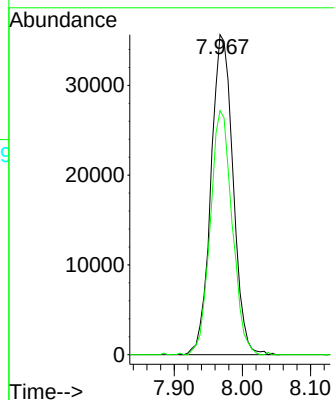
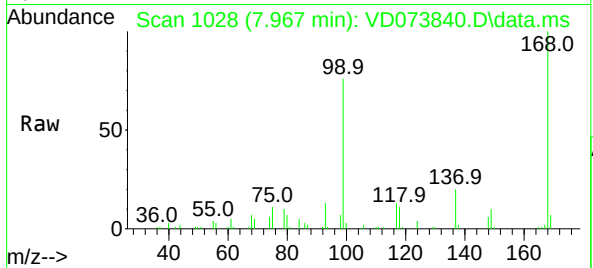




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073840.D
Acq: 12 Jul 2022 15:57

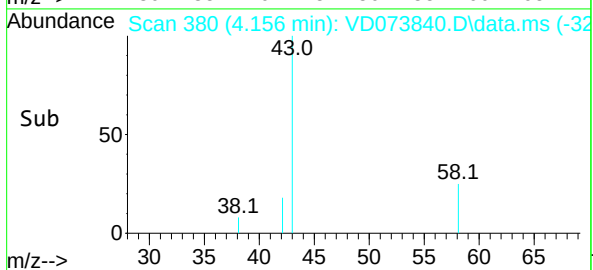
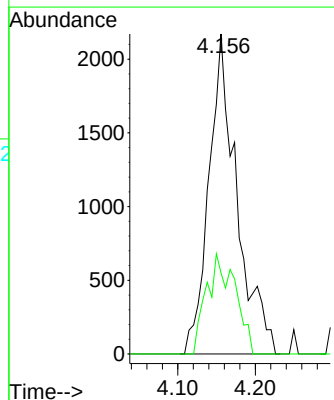
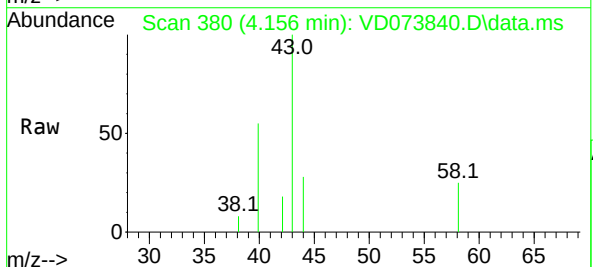
Instrument :
MSVOA_D
ClientSampleId :
A-3-LC

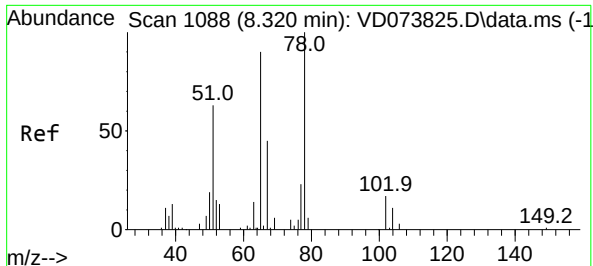
Tgt Ion:168 Resp: 80197
Ion Ratio Lower Upper
168 100
99 76.3 53.8 80.6



#16
Acetone
Concen: 29.625 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073840.D
Acq: 12 Jul 2022 15:57

Tgt Ion: 43 Resp: 5452
Ion Ratio Lower Upper
43 100
58 25.3 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 70.617 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073840.D

Acq: 12 Jul 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

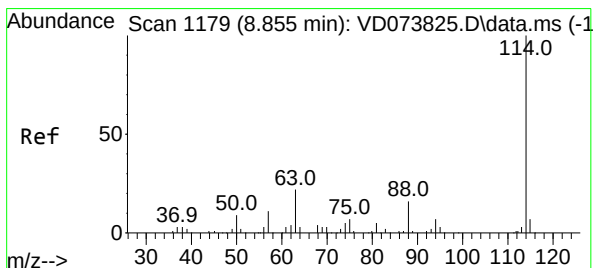
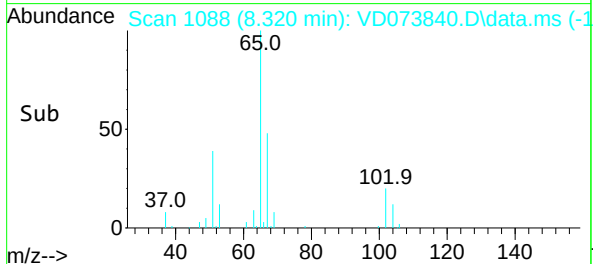
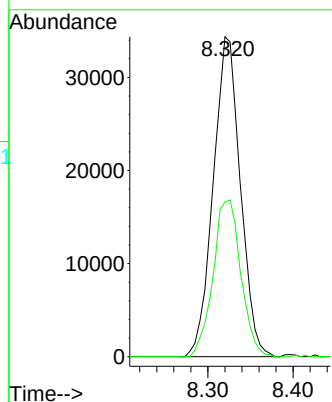
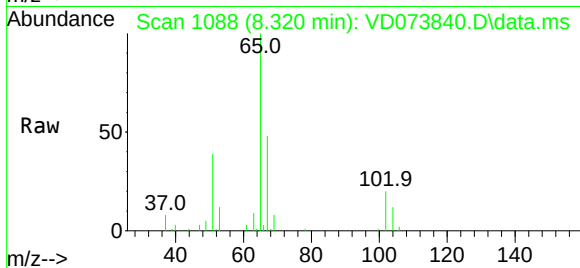
A-3-LC

Tgt Ion: 65 Resp: 75856

Ion Ratio Lower Upper

65 100

67 50.2 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: VD073840.D

Acq: 12 Jul 2022 15:57

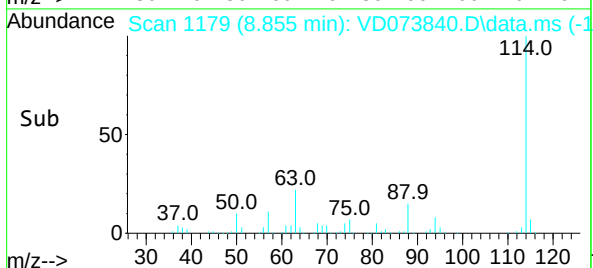
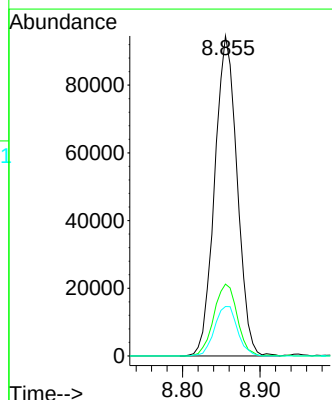
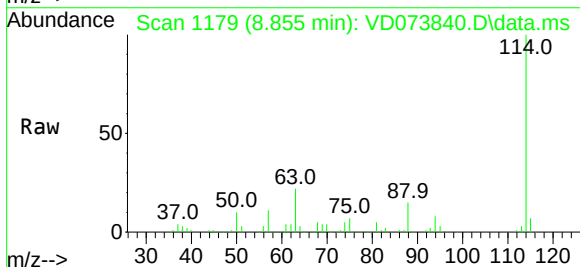
Tgt Ion: 114 Resp: 190364

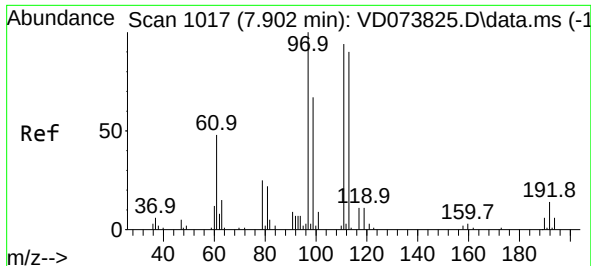
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.0

88 15.5 0.0 33.0

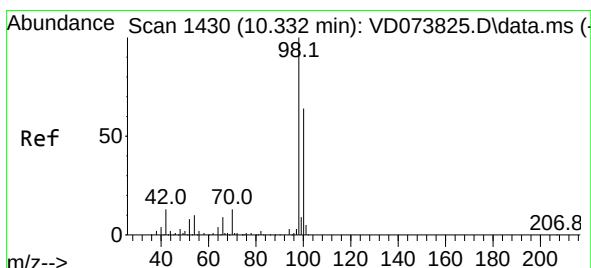
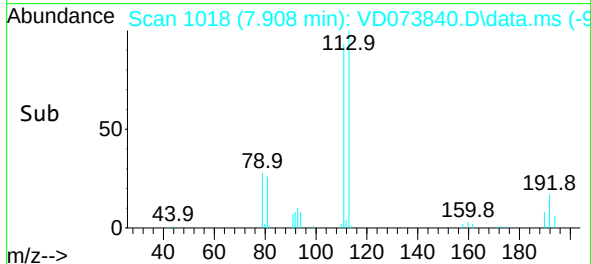
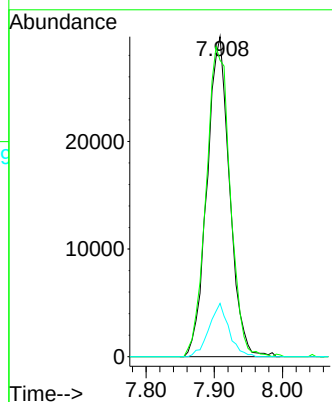
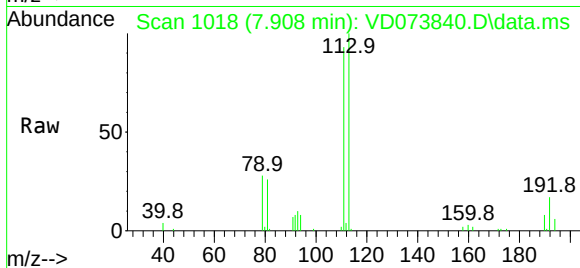




#35
Dibromofluoromethane
Concen: 54.434 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073840.D
Acq: 12 Jul 2022 15:57

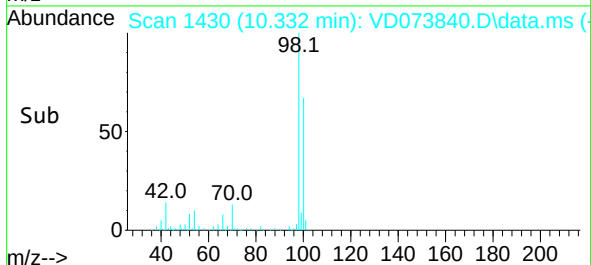
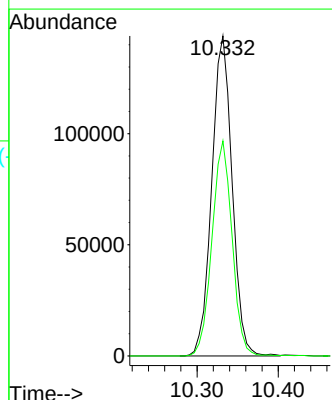
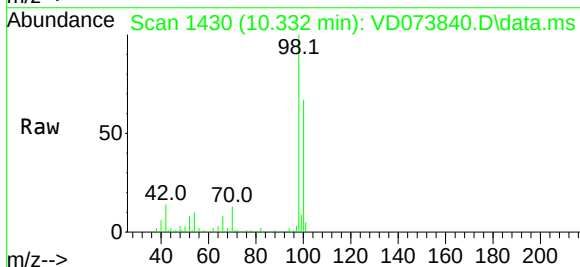
Instrument :
MSVOA_D
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A-3-LC

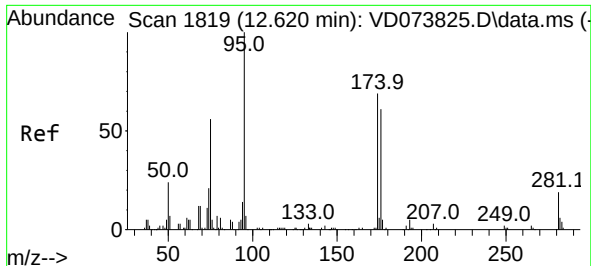
Tgt Ion:113 Resp: 68550
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 14.7 12.3 18.5



#50
Toluene-d8
Concen: 57.090 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073840.D
Acq: 12 Jul 2022 15:57

Tgt Ion: 98 Resp: 250696
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3

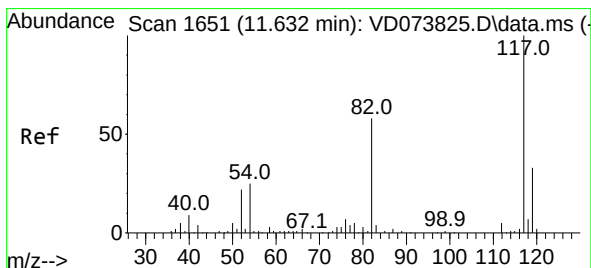
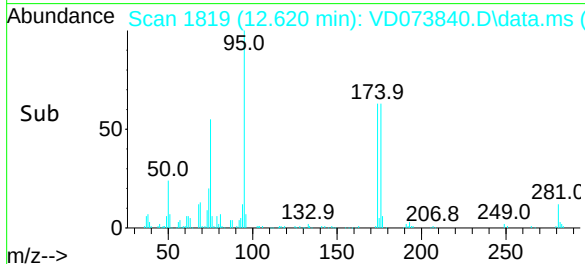
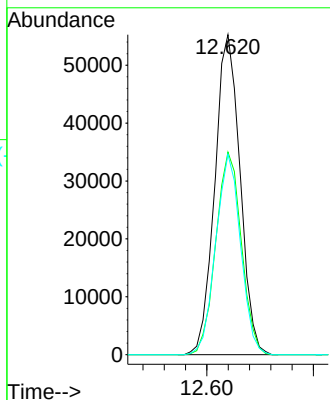
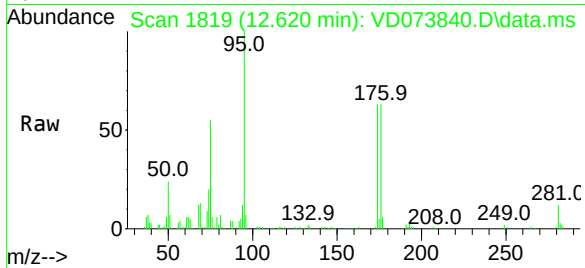




#62
4-Bromofluorobenzene
Concen: 48.858 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073840.D
Acq: 12 Jul 2022 15:57

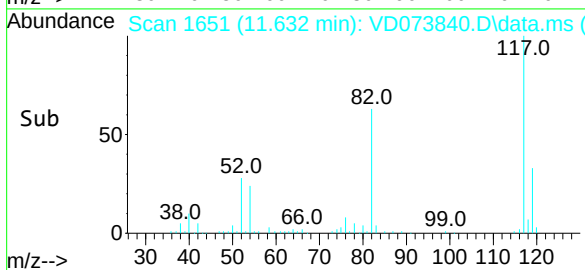
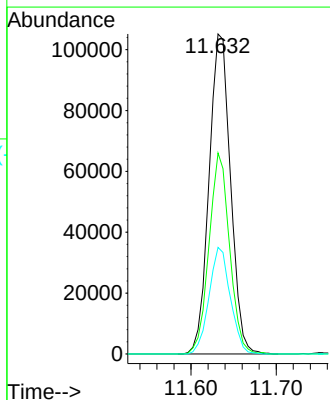
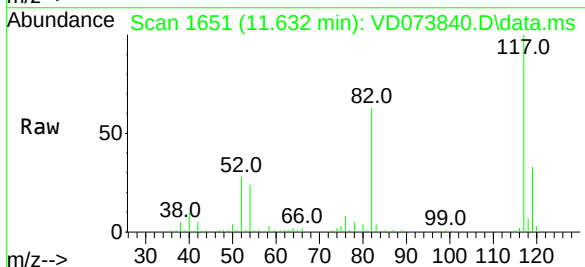
Instrument :
MSVOA_D
ClientSampleId :
A-3-LC

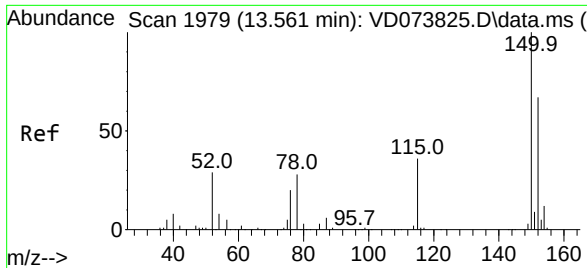
Tgt Ion: 95 Resp: 90907
Ion Ratio Lower Upper
95 100
174 64.0 0.0 131.8
176 61.5 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073840.D
Acq: 12 Jul 2022 15:57

Tgt Ion: 117 Resp: 183679
Ion Ratio Lower Upper
117 100
82 62.8 46.6 69.8
119 33.3 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: VD073840.D
 Acq: 12 Jul 2022 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 A-3-LC

Tgt Ion:152 Resp: 78069
 Ion Ratio Lower Upper
 152 100
 115 70.1 33.5 100.5
 150 161.2 0.0 343.2

