

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073844.D
 Acq On : 12 Jul 2022 18:00
 Operator : VA/SY
 Sample : N3649-07
 Misc : 6.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-2-LC

Quant Time: Jul 13 04:32:31 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)

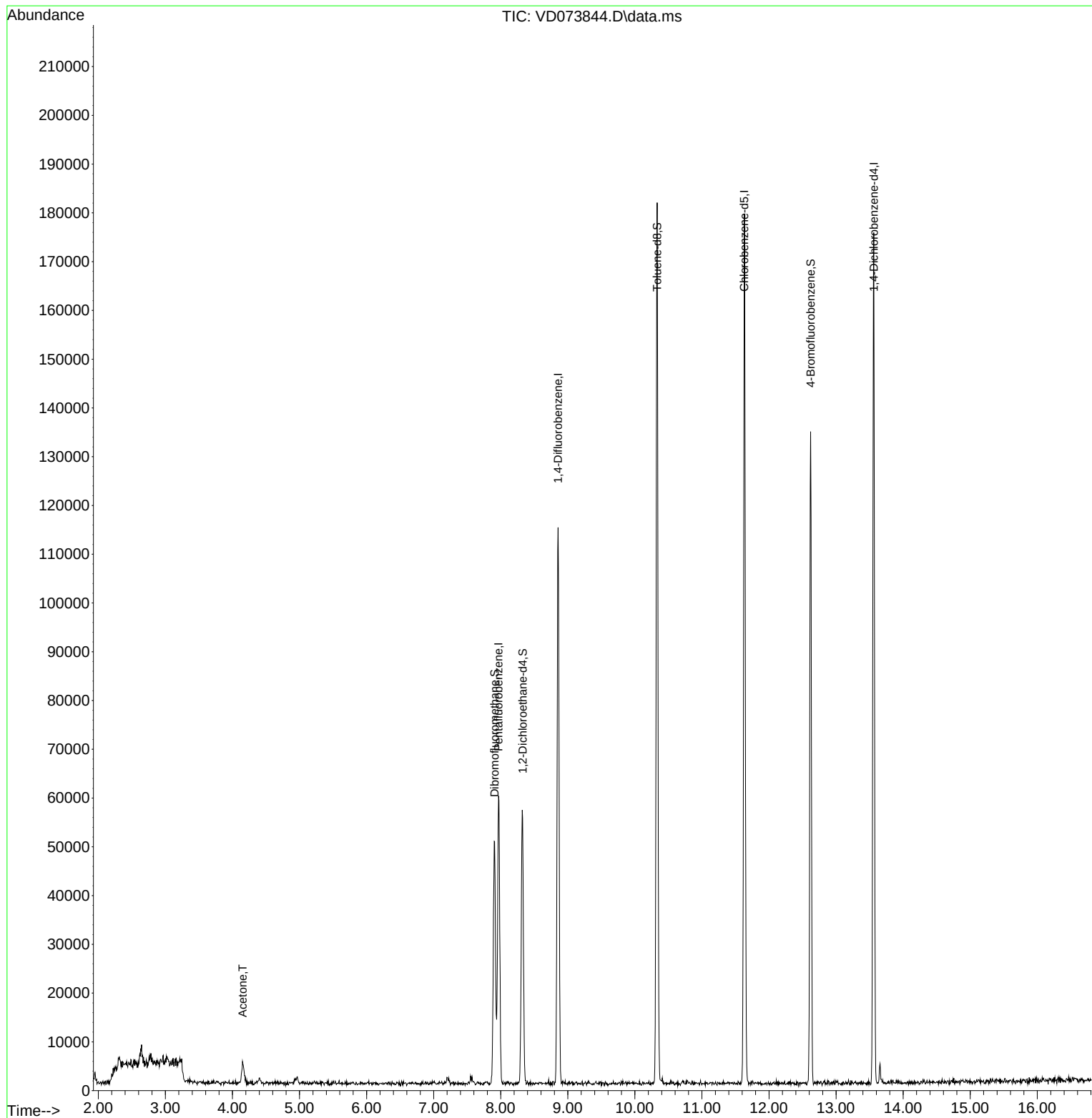
Internal Standards						
1) Pentafluorobenzene	7.967	168	37683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	90157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	90027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	40922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	44739	88.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.280%#	
35) Dibromofluoromethane	7.908	113	35517	59.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.100%	
50) Toluene-d8	10.332	98	117754	56.621	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 113.240%	
62) 4-Bromofluorobenzene	12.620	95	44446	50.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 100.880%	
Target Compounds						Qvalue
16) Acetone	4.150	43	7826	90.503	ug/l	95

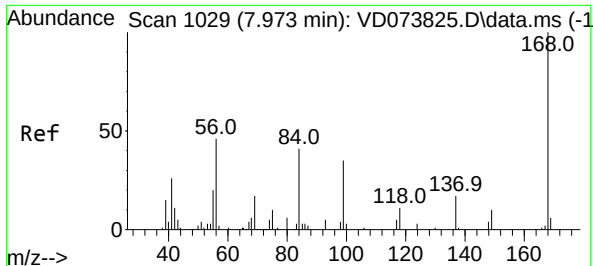
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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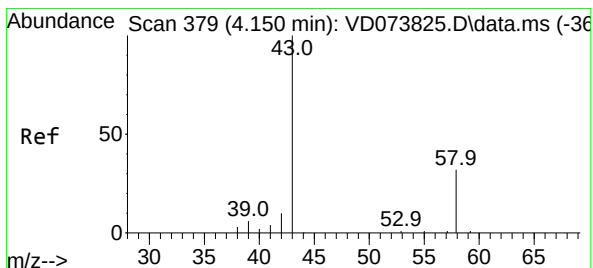
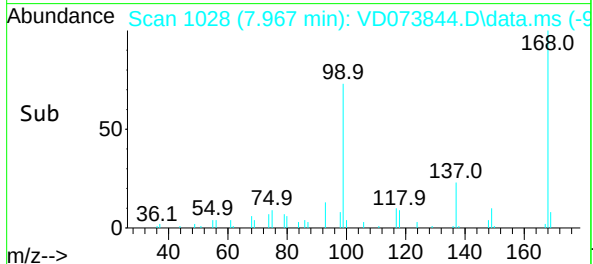
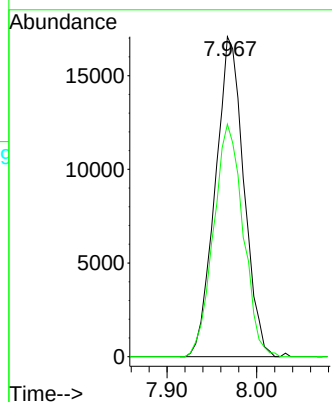
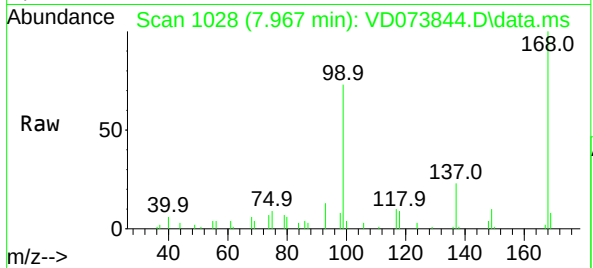




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

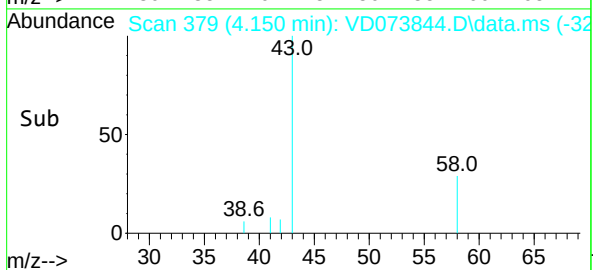
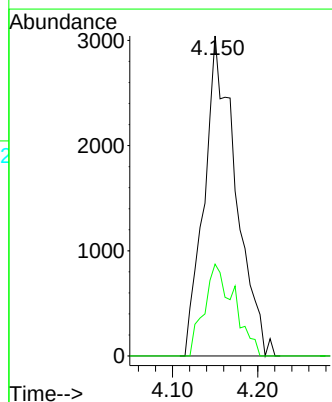
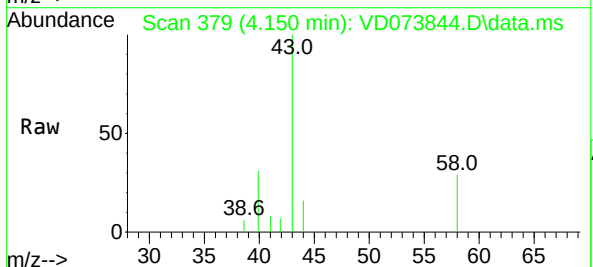
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

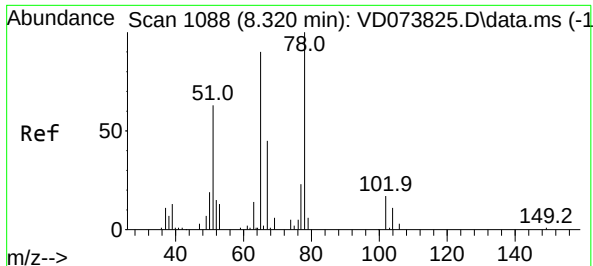
Tgt Ion:168 Resp: 37683
Ion Ratio Lower Upper
168 100
99 72.7 53.8 80.6



#16
Acetone
Concen: 90.503 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

Tgt Ion: 43 Resp: 7826
Ion Ratio Lower Upper
43 100
58 28.7 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 88.638 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

Instrument :

MSVOA_D

ClientSampleId :

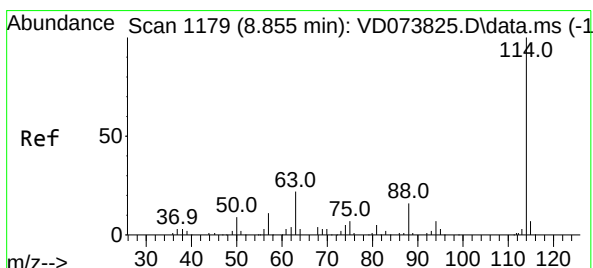
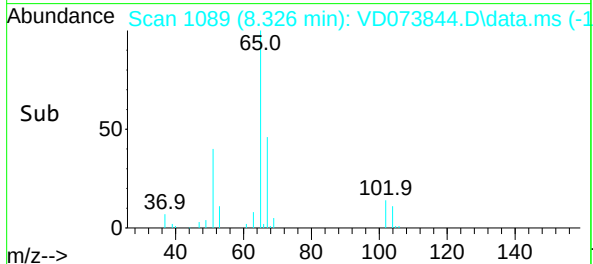
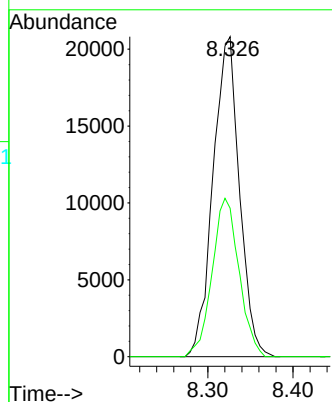
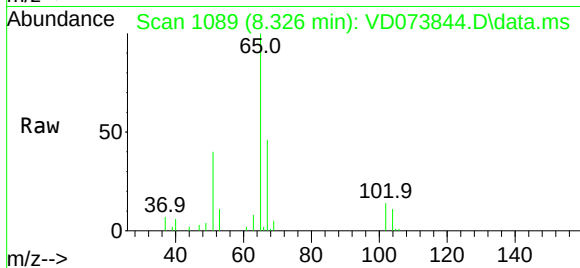
A-2-LC

Tgt Ion: 65 Resp: 44739

Ion Ratio Lower Upper

65 100

67 50.5 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: VD073844.D

Acq: 12 Jul 2022 18:00

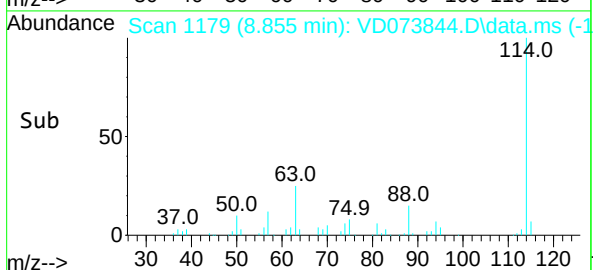
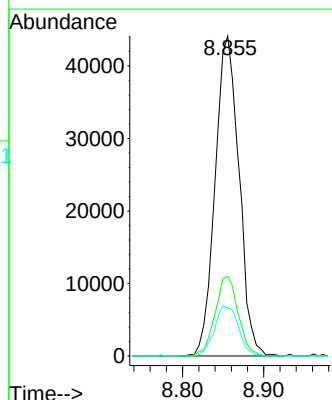
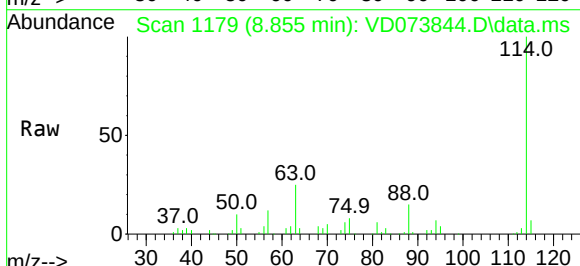
Tgt Ion: 114 Resp: 90157

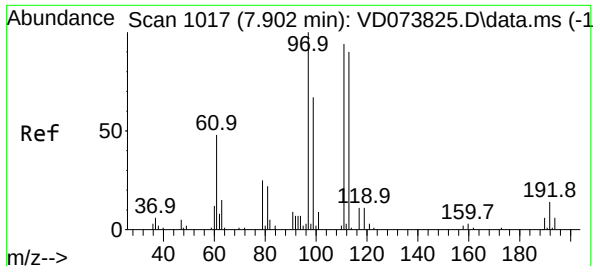
Ion Ratio Lower Upper

114 100

63 24.9 0.0 43.0

88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 59.550 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073844.D

Acq: 12 Jul 2022 18:00

Instrument :

MSVOA_D

ClientSampleId :

A-2-LC

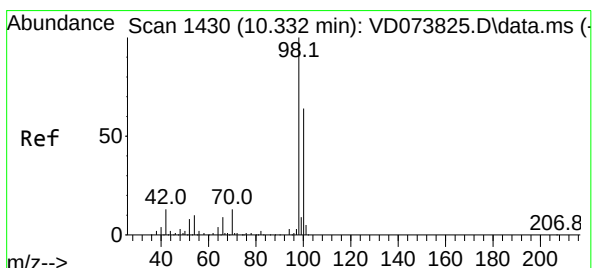
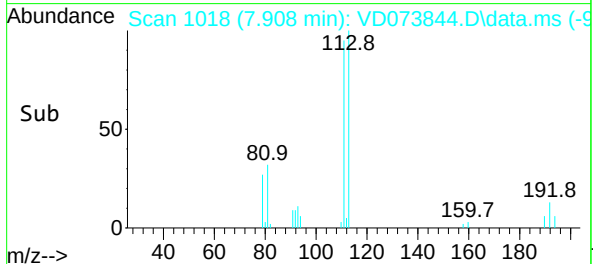
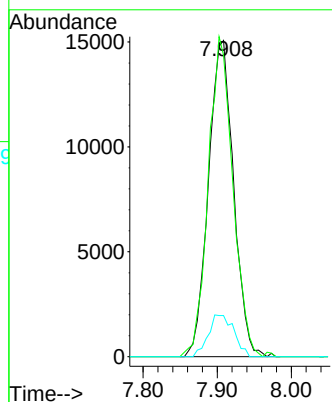
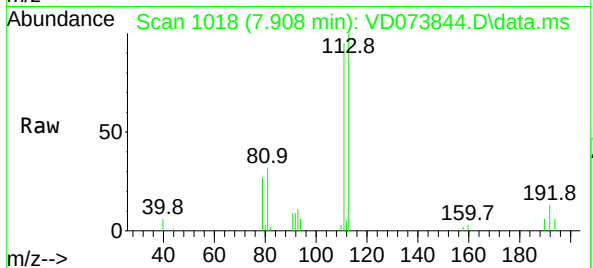
Tgt Ion:113 Resp: 35517

Ion Ratio Lower Upper

113 100

111 98.9 82.2 123.4

192 13.4 12.3 18.5



#50

Toluene-d8

Concen: 56.621 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073844.D

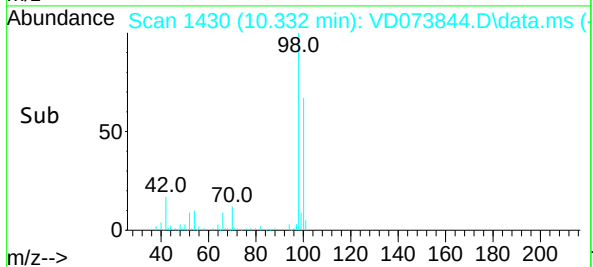
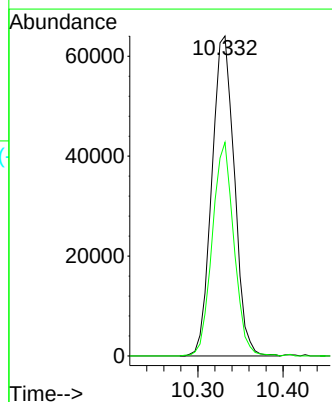
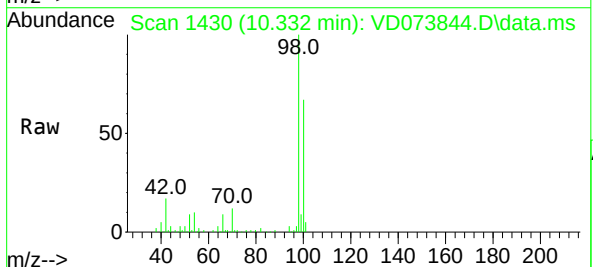
Acq: 12 Jul 2022 18:00

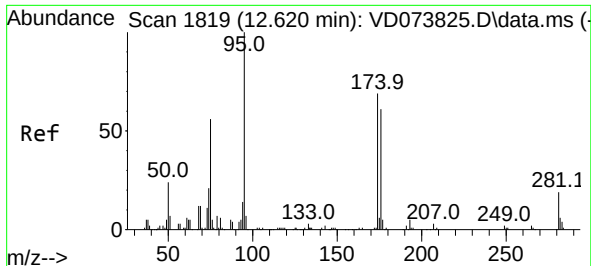
Tgt Ion: 98 Resp: 117754

Ion Ratio Lower Upper

98 100

100 64.2 52.9 79.3

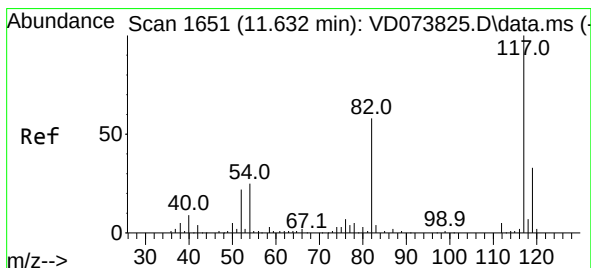
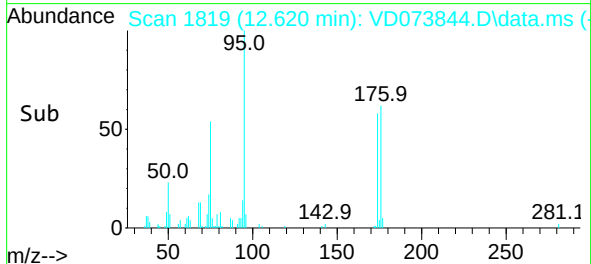
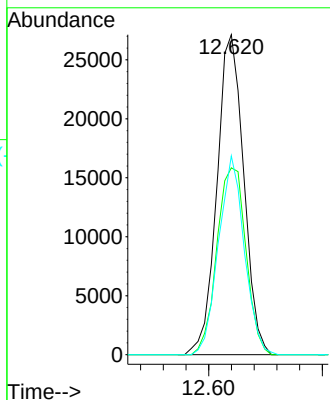
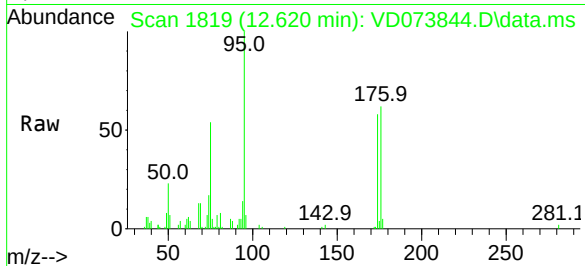




#62
4-Bromofluorobenzene
Concen: 50.438 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

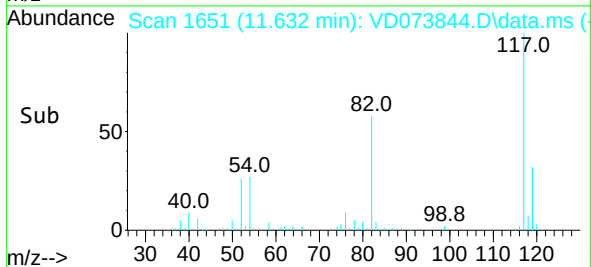
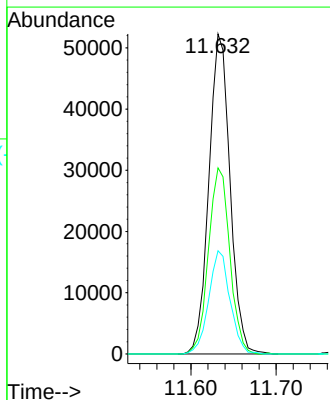
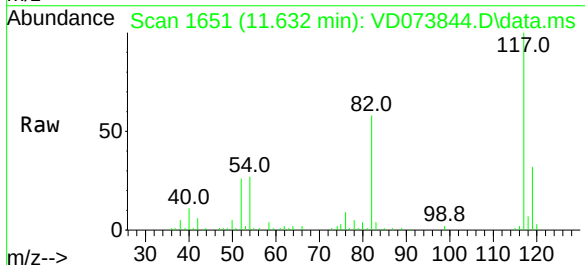
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

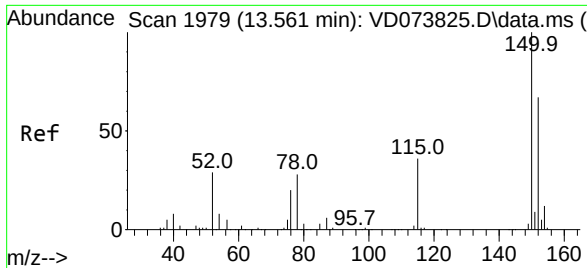
Tgt Ion: 95 Resp: 44446
Ion Ratio Lower Upper
95 100
174 63.4 0.0 131.8
176 59.8 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073844.D
Acq: 12 Jul 2022 18:00

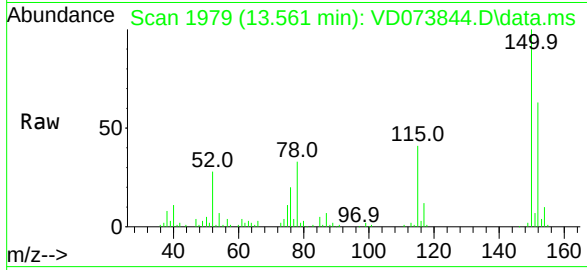
Tgt Ion: 117 Resp: 90027
Ion Ratio Lower Upper
117 100
82 58.2 46.6 69.8
119 32.2 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073844.D
 Acq: 12 Jul 2022 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 A-2-LC



Tgt Ion:	152	Resp:	40922
Ion	Ratio	Lower	Upper
152	100		
115	66.3	33.5	100.5
150	155.8	0.0	343.2

