

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
 Data File : VD073944.D
 Acq On : 03 Aug 2022 17:01
 Operator : VA/SY
 Sample : N3990-03
 Misc : 5.02G/5.01ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-080122

Quant Time: Aug 04 02:52:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

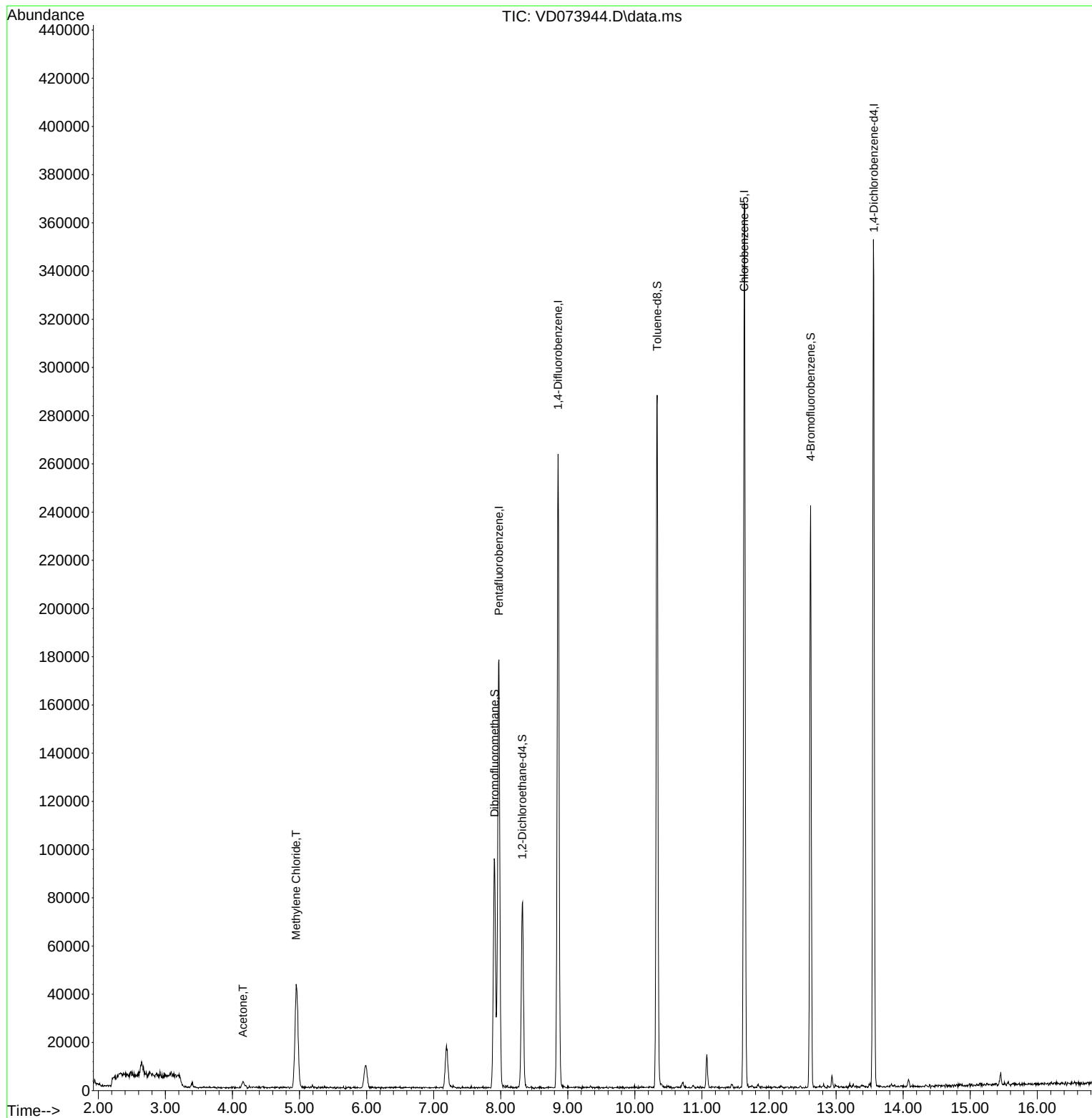
Internal Standards						
1) Pentafluorobenzene	7.973	168	125552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	220607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	203205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	90290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	62111	61.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.320%
35) Dibromofluoromethane	7.909	113	65922	48.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.332	98	197307	42.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.460%
62) 4-Bromofluorobenzene	12.620	95	72261	42.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.120%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	4229	25.186	ug/l	99
20) Methylene Chloride	4.950	84	34402	14.124	ug/l	94

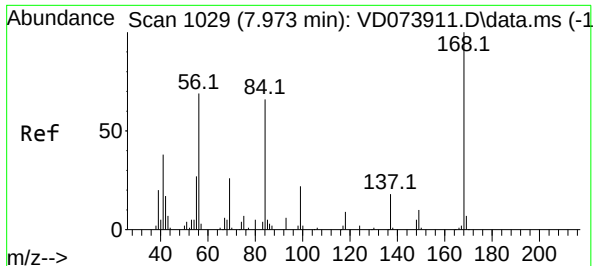
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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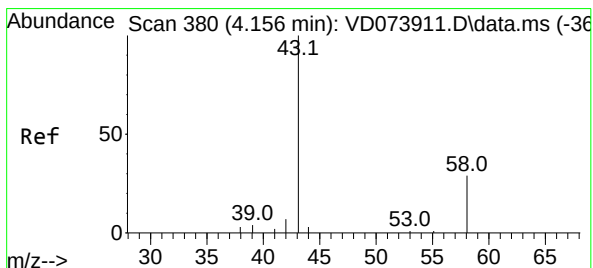
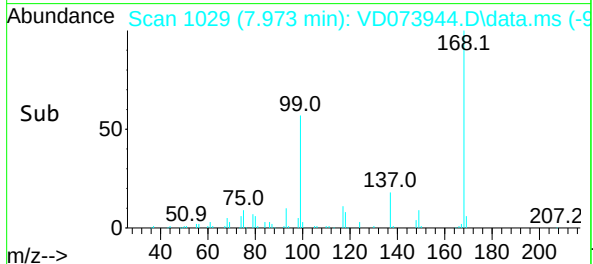
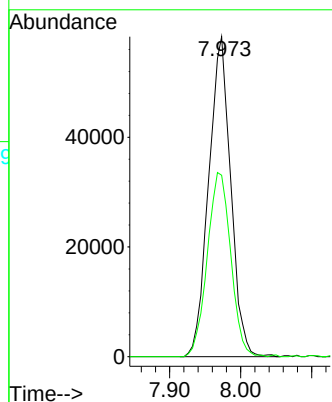
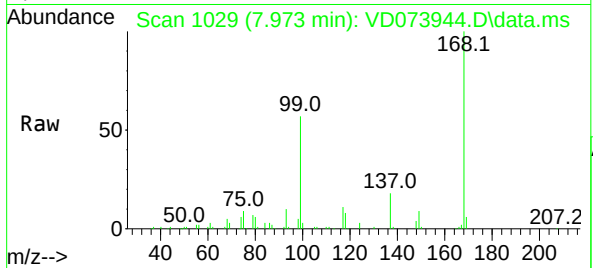




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

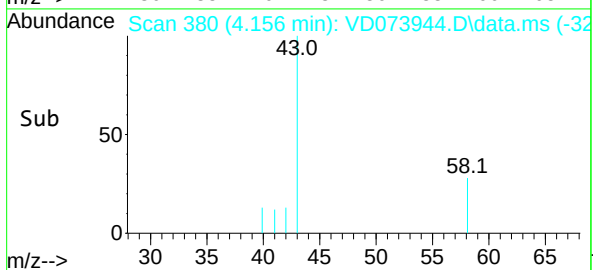
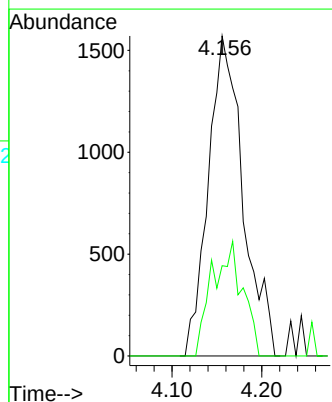
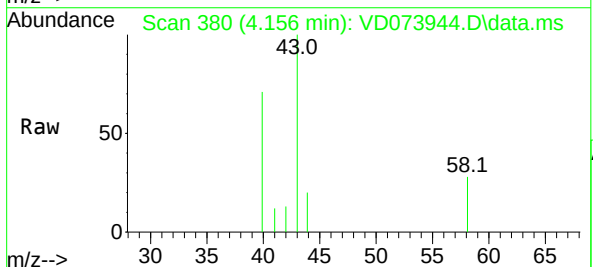
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

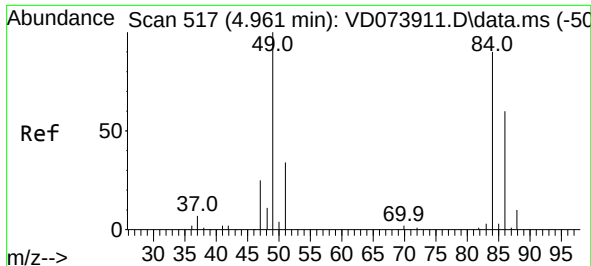
Tgt Ion:168 Resp: 125552
Ion Ratio Lower Upper
168 100
99 56.7 52.2 78.4



#16
Acetone
Concen: 25.186 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion: 43 Resp: 4229
Ion Ratio Lower Upper
43 100
58 28.2 23.0 34.6





#20

Methylene Chloride

Concen: 14.124 ug/l

RT: 4.950 min Scan# 517

Delta R.T. -0.011 min

Lab File: VD073944.D

Acq: 03 Aug 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

HR-04-080122

Tgt Ion: 84 Resp: 34402

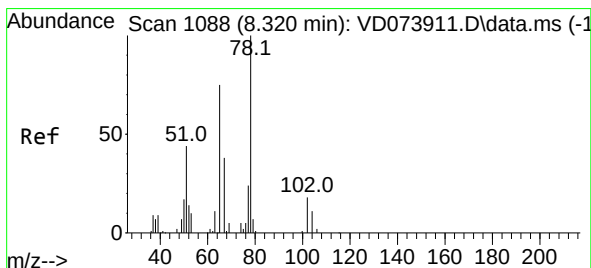
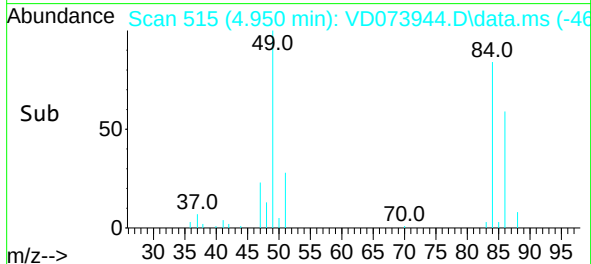
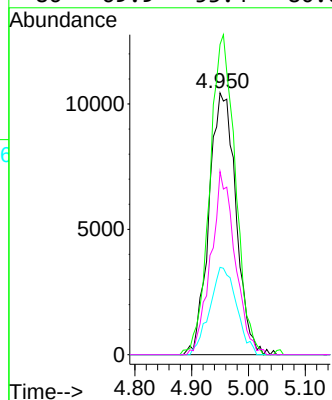
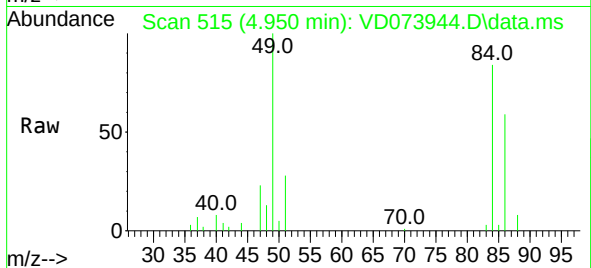
Ion Ratio Lower Upper

84 100

49 118.6 89.1 133.7

51 33.4 29.8 44.8

86 69.9 53.4 80.0



#33

1,2-Dichloroethane-d4

Concen: 61.158 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073944.D

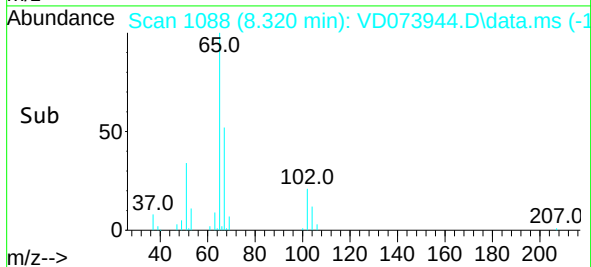
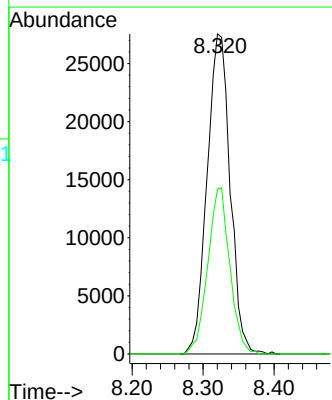
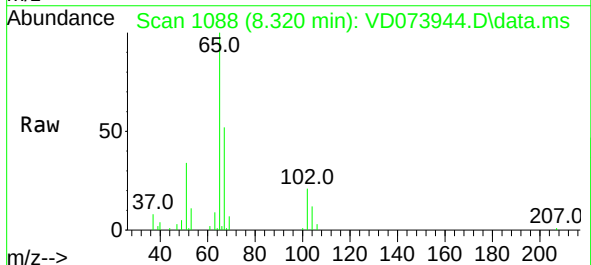
Acq: 03 Aug 2022 17:01

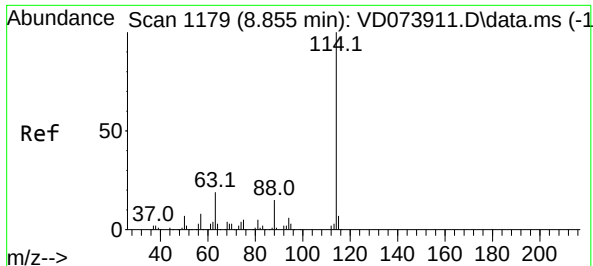
Tgt Ion: 65 Resp: 62111

Ion Ratio Lower Upper

65 100

67 49.6 0.0 102.8

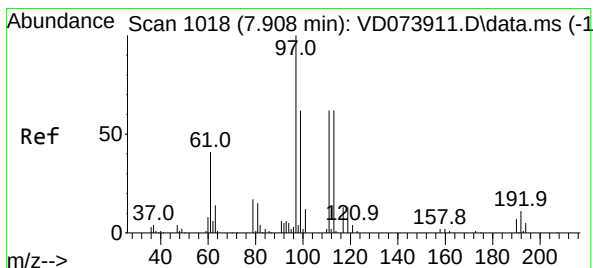
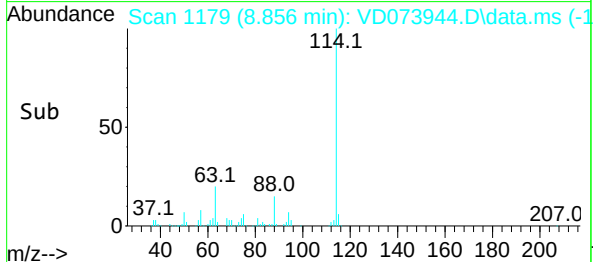
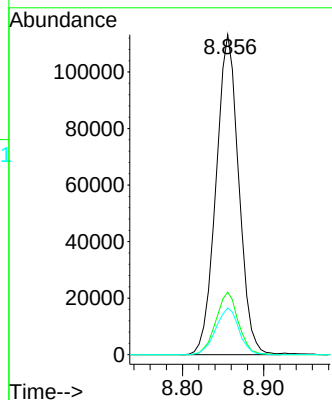
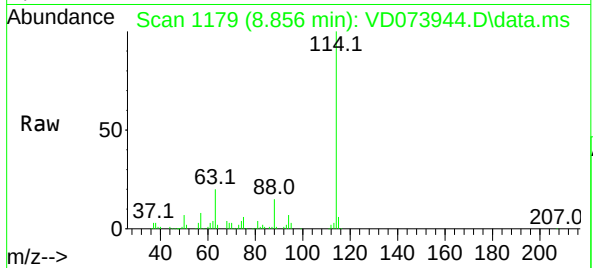




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

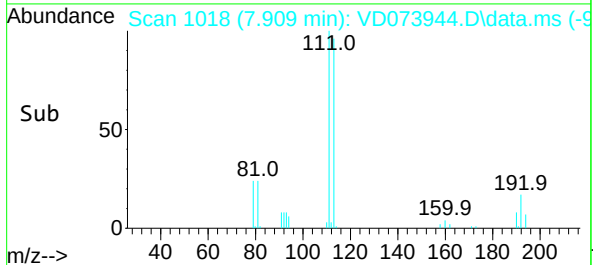
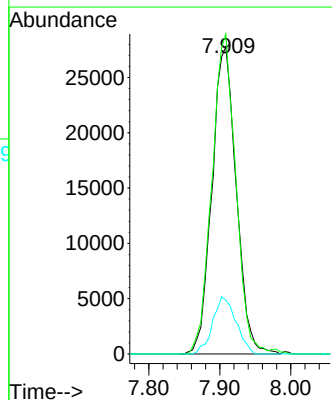
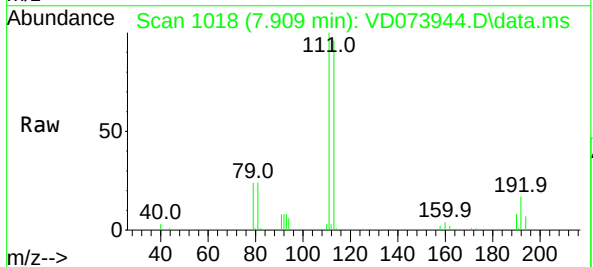
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

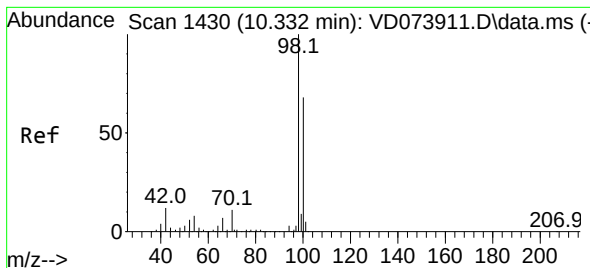
Tgt Ion:114 Resp: 220607
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.6
88 14.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.095 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion:113 Resp: 65922
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 17.9 15.0 22.6

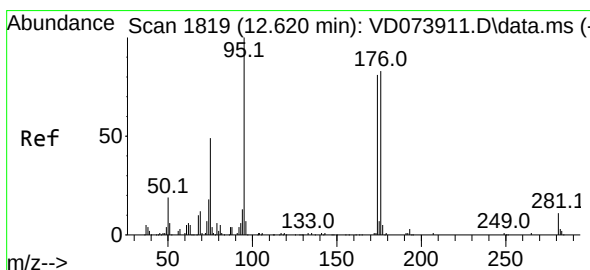
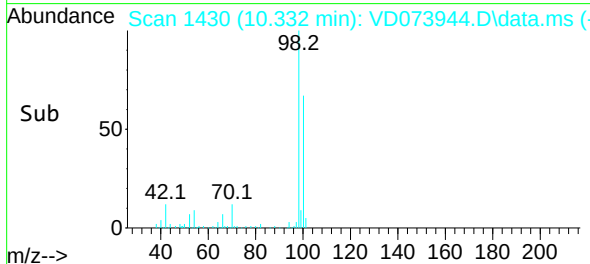
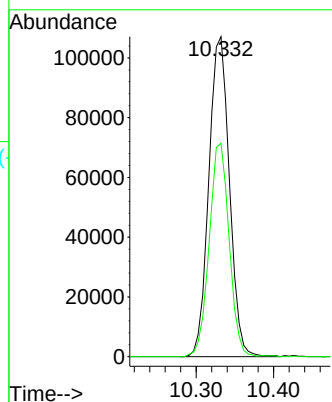
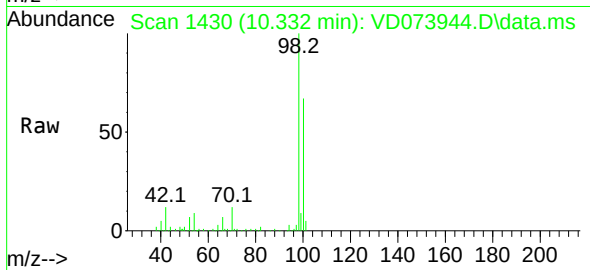




#50
Toluene-d8
Concen: 42.734 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

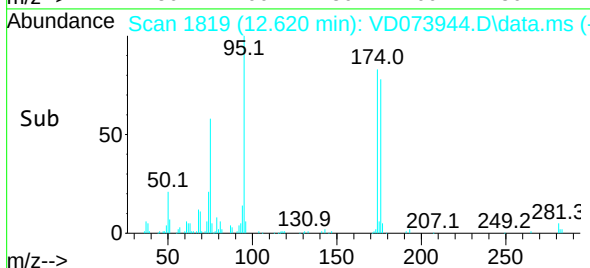
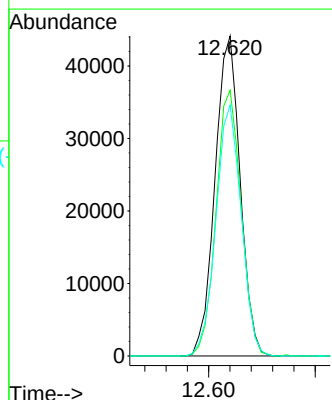
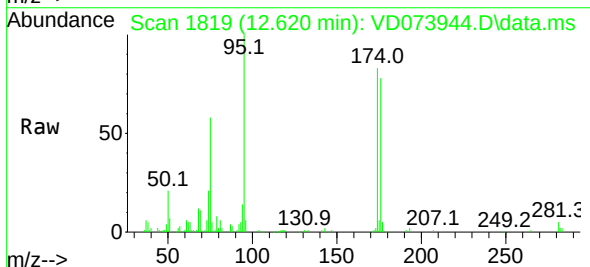
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

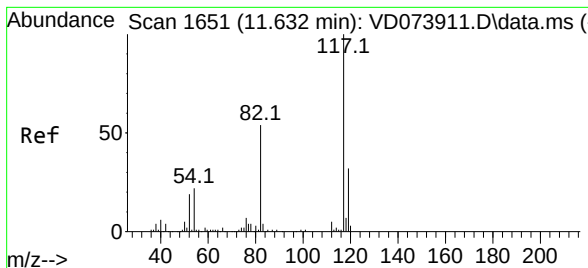
Tgt Ion: 98 Resp: 197307
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.559 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion: 95 Resp: 72261
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.2
176 78.9 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073944.D

Acq: 03 Aug 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

HR-04-080122

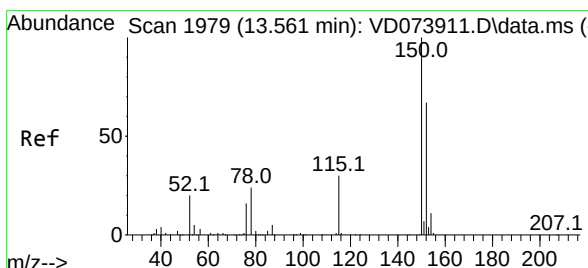
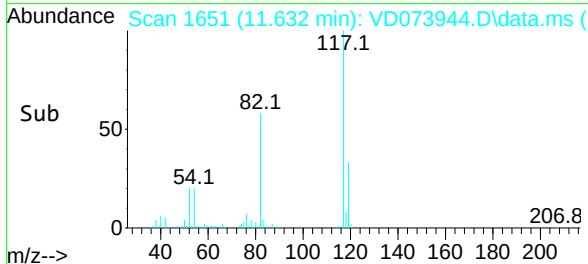
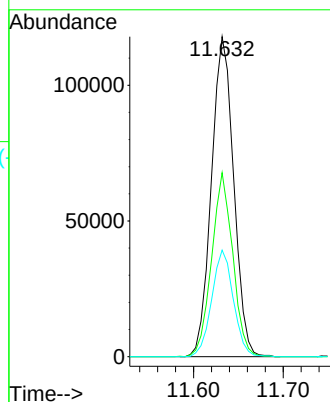
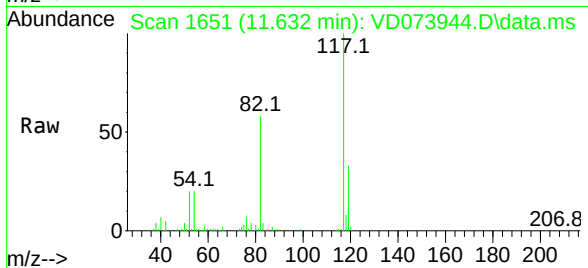
Tgt Ion:117 Resp: 203205

Ion Ratio Lower Upper

117 100

82 57.5 43.3 64.9

119 33.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073944.D

Acq: 03 Aug 2022 17:01

Tgt Ion:152 Resp: 90290

Ion Ratio Lower Upper

152 100

115 60.0 29.1 87.3

150 157.1 0.0 338.2

