

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073958.D
 Acq On : 04 Aug 2022 17:36
 Operator : VA/SY
 Sample : N3962-15
 Misc : 2.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RVE-200

Quant Time: Aug 05 07:54:24 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)

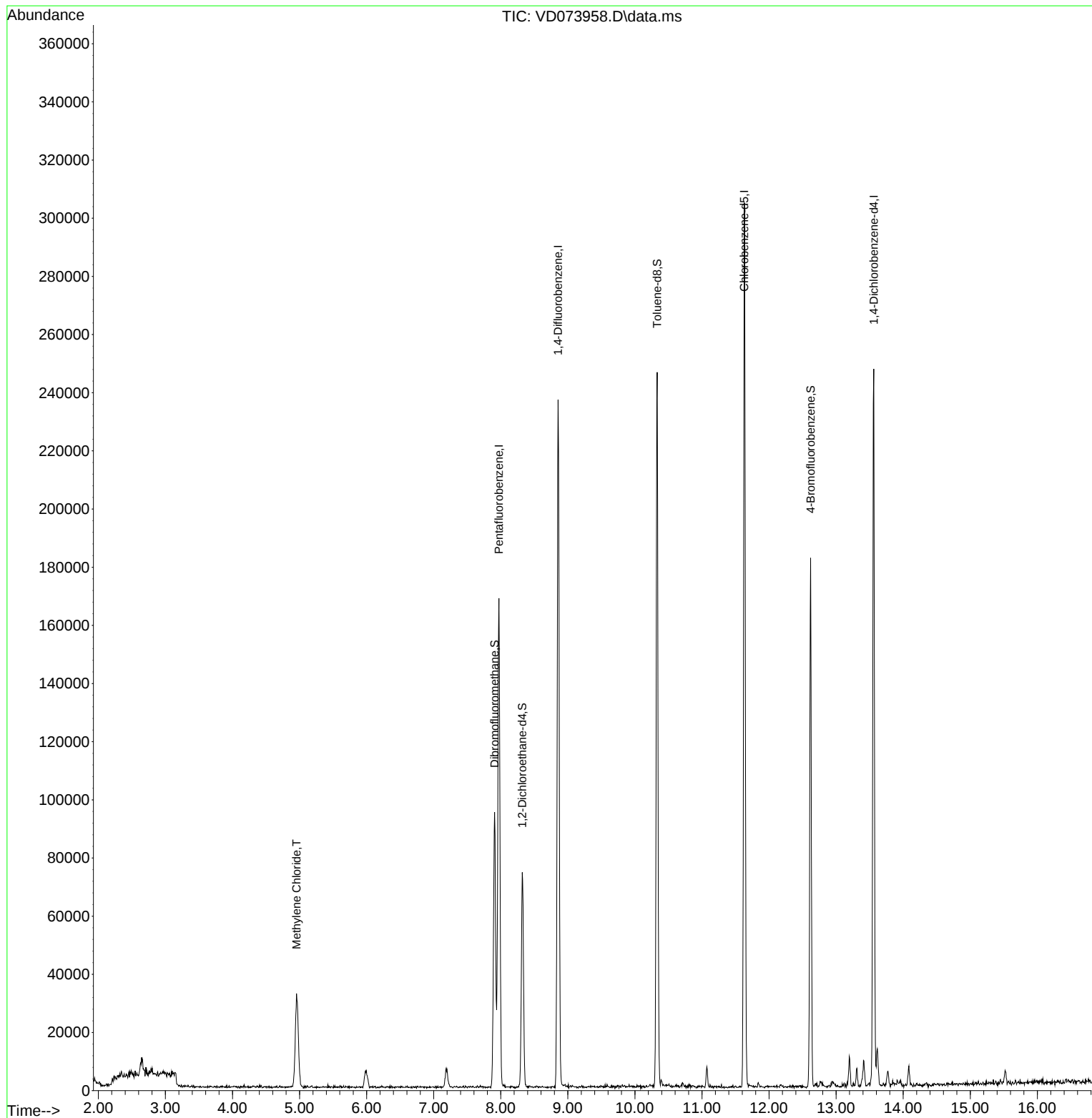
Internal Standards						
1) Pentafluorobenzene	7.973	168	120026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	205829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	171798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	65024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	60451	62.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.720%
35) Dibromofluoromethane	7.908	113	62654	48.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.332	98	166405	38.629	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.260%
62) 4-Bromofluorobenzene	12.620	95	52767	33.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.620%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.955	84	24464	6.740	ug/l	94

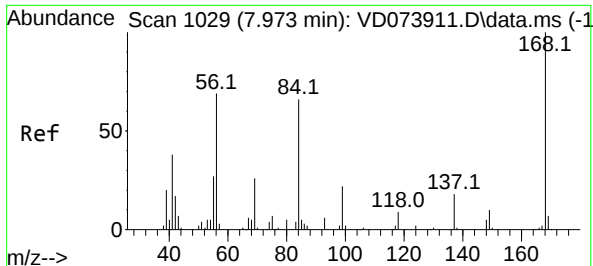
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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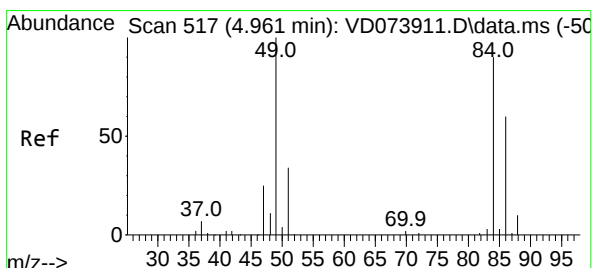
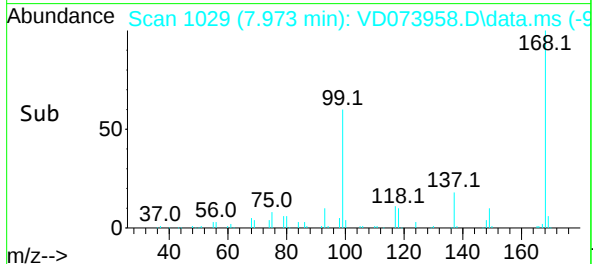
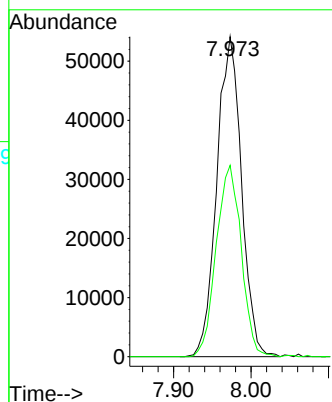
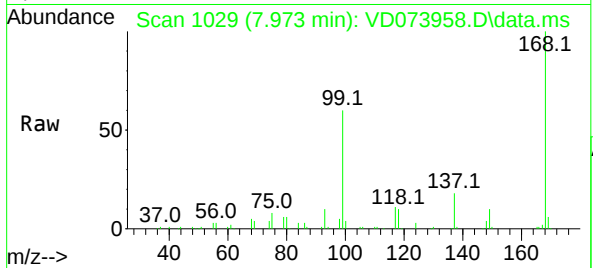




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

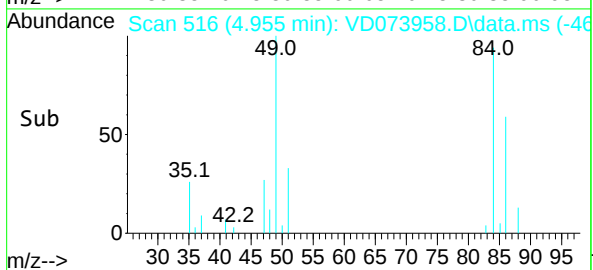
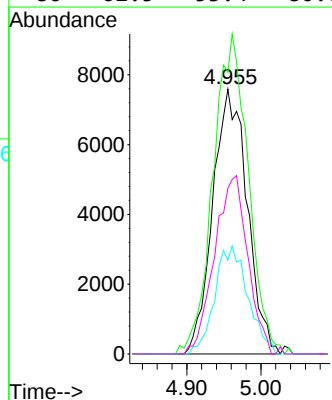
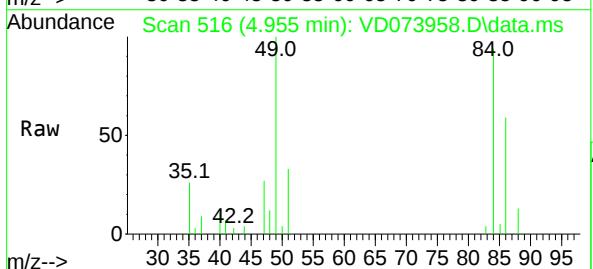
Instrument :
MSVOA_D
ClientSampleId :
RVE-200

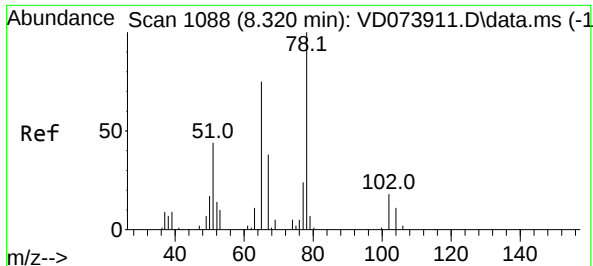
Tgt Ion:168 Resp: 120026
Ion Ratio Lower Upper
168 100
99 59.8 52.2 78.4



#20
Methylene Chloride
Concen: 6.740 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Tgt Ion: 84 Resp: 24464
Ion Ratio Lower Upper
84 100
49 103.1 89.1 133.7
51 35.4 29.8 44.8
86 62.5 53.4 80.0





#33

1,2-Dichloroethane-d4

Concen: 62.356 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073958.D

Acq: 04 Aug 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

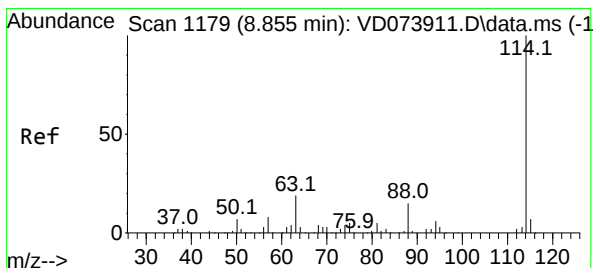
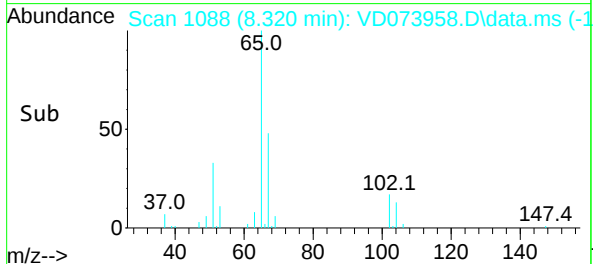
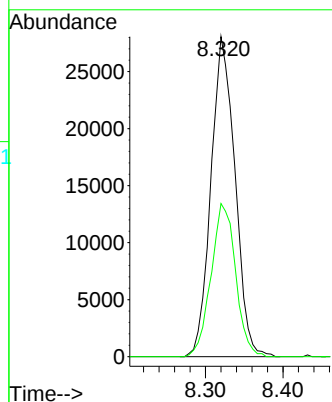
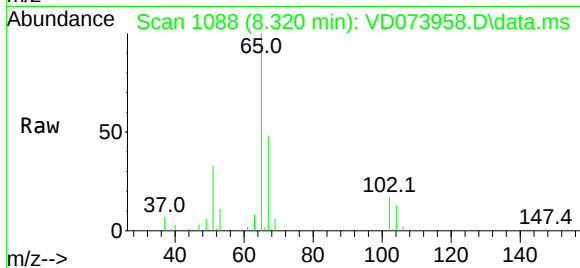
RVE-200

Tgt Ion: 65 Resp: 60451

Ion Ratio Lower Upper

65 100

67 48.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073958.D

Acq: 04 Aug 2022 17:36

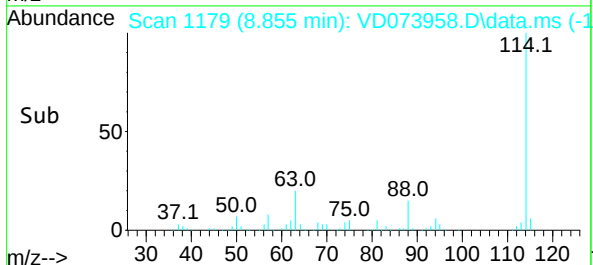
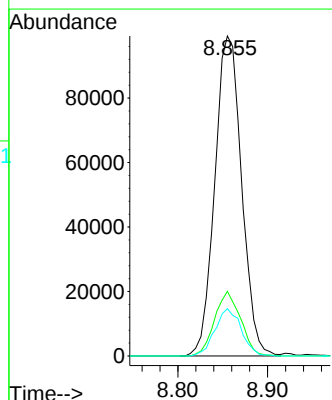
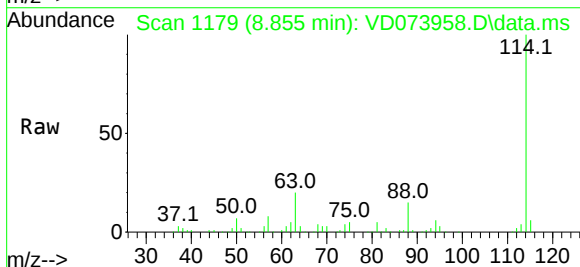
Tgt Ion: 114 Resp: 205829

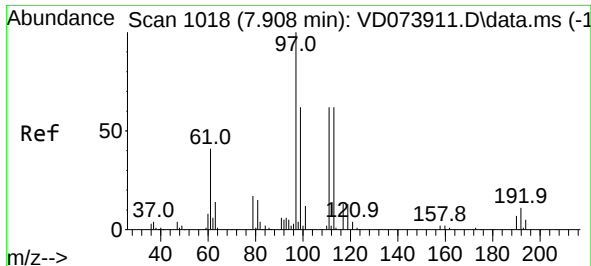
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.6

88 14.8 0.0 30.2

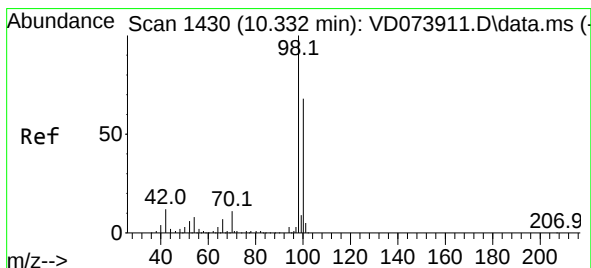
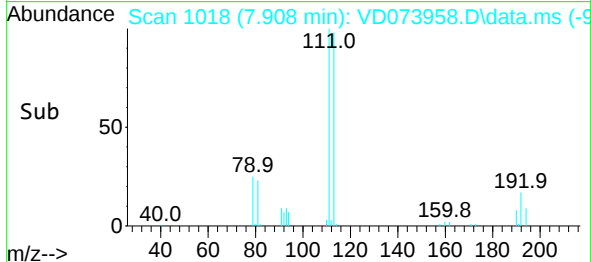
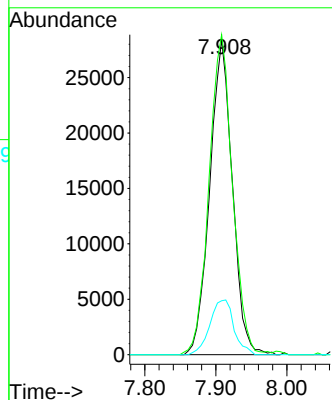
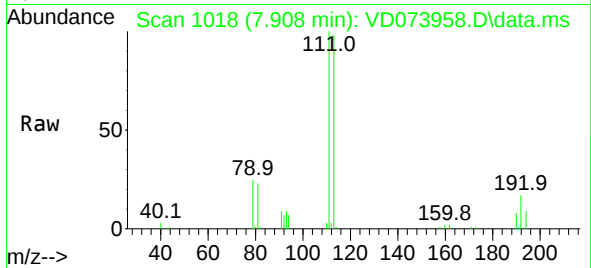




#35
Dibromofluoromethane
Concen: 48.992 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

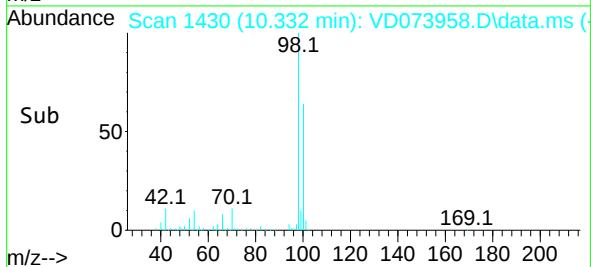
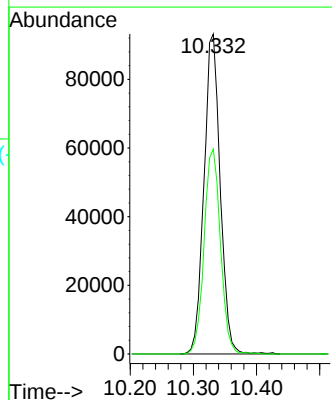
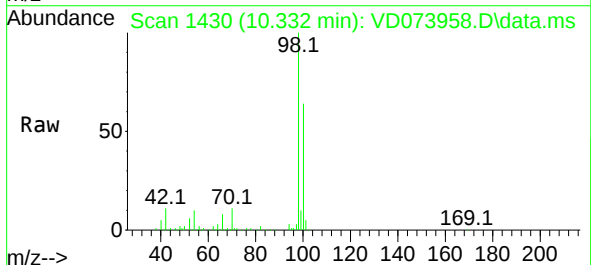
Instrument :
MSVOA_D
ClientSampleId :
RVE-200

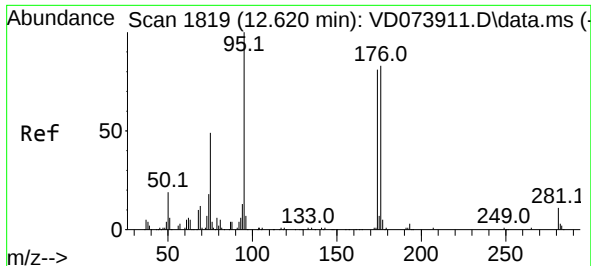
Tgt Ion:113 Resp: 62654
Ion Ratio Lower Upper
113 100
111 105.5 83.7 125.5
192 18.5 15.0 22.6



#50
Toluene-d8
Concen: 38.629 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Tgt Ion: 98 Resp: 166405
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

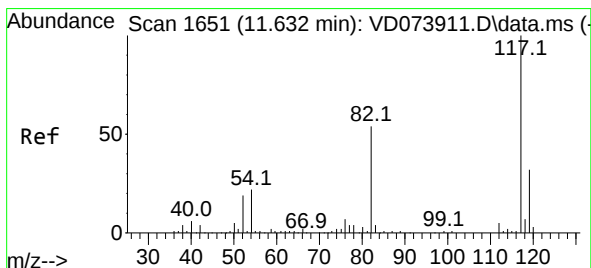
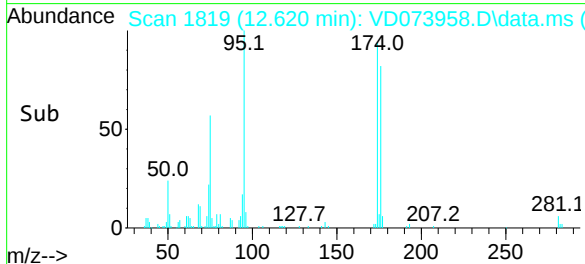
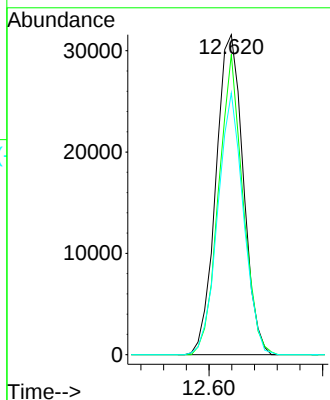
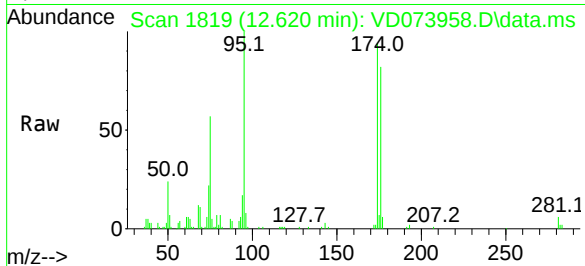




#62
4-Bromofluorobenzene
Concen: 33.309 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

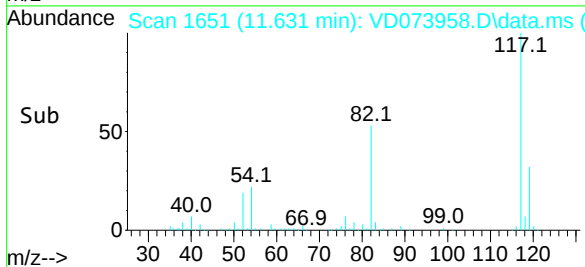
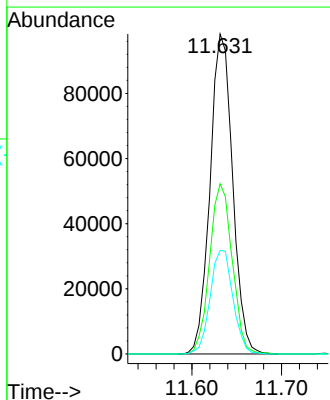
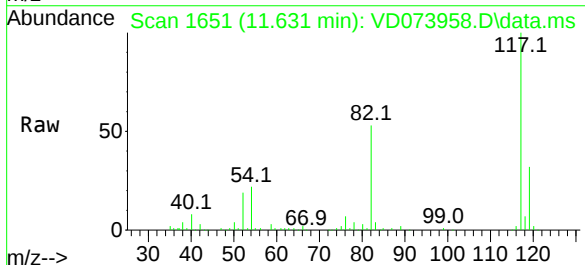
Instrument :
MSVOA_D
ClientSampleId :
RVE-200

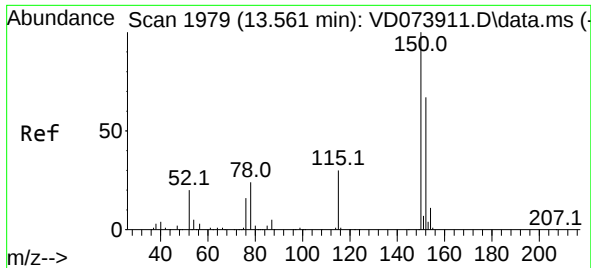
Tgt Ion: 95 Resp: 52767
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.2
176 76.9 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

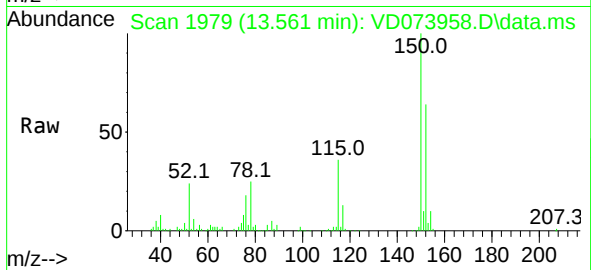
Tgt Ion: 117 Resp: 171798
Ion Ratio Lower Upper
117 100
82 53.2 43.3 64.9
119 32.3 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073958.D
 Acq: 04 Aug 2022 17:36

Instrument :
 MSVOA_D
 ClientSampleId :
 RVE-200



Tgt Ion:152 Resp: 65024
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.1 87.3
 150 153.3 0.0 338.2

