

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073959.D
 Acq On : 04 Aug 2022 18:05
 Operator : VA/SY
 Sample : N3962-19
 Misc : 3.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RVE-204

Quant Time: Aug 05 07:54:35 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)

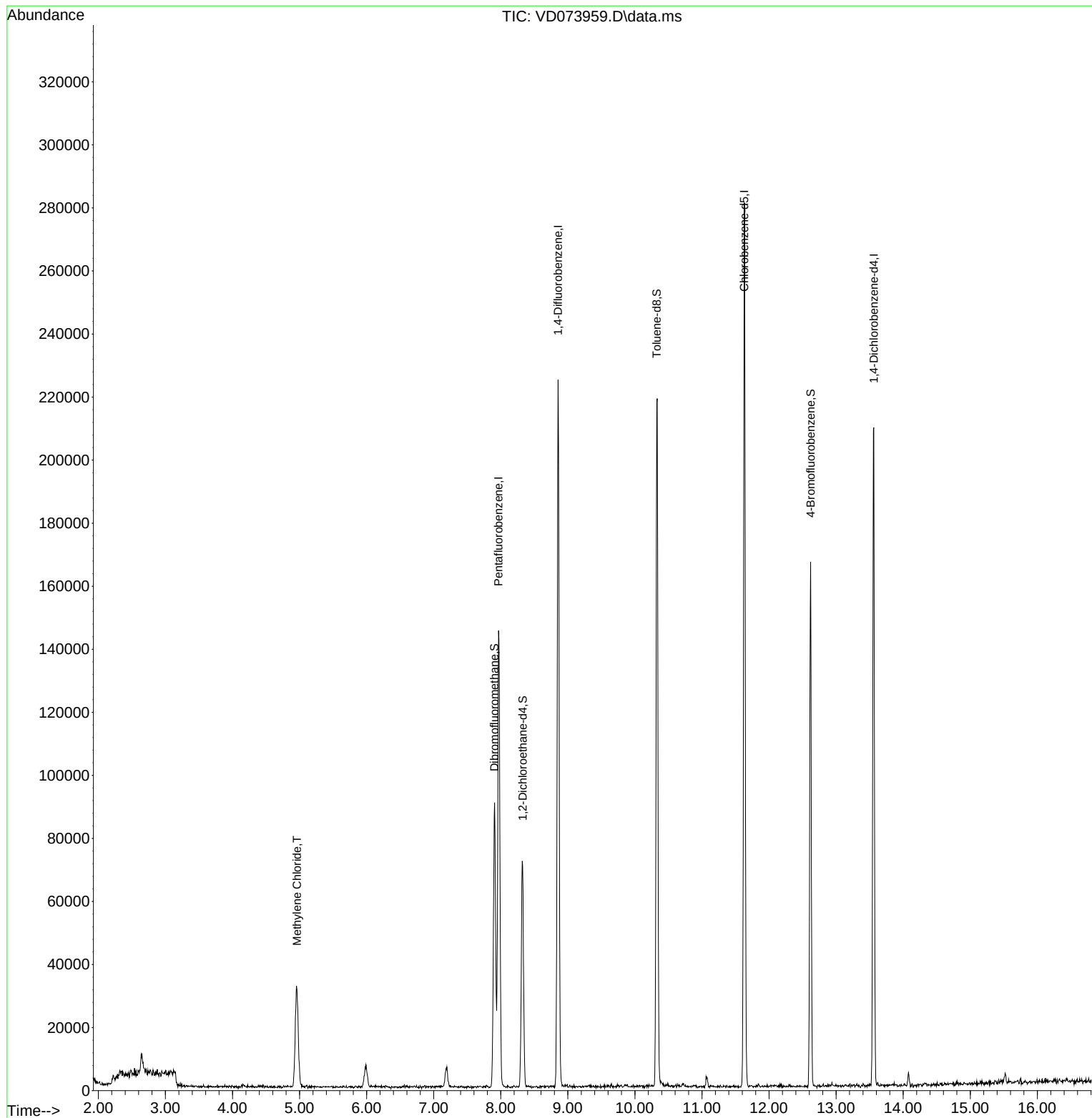
Internal Standards						
1) Pentafluorobenzene	7.967	168	105142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	186177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	153613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	54824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	58566	69.502	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	139.000%	
35) Dibromofluoromethane	7.902	113	61937	53.544	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.080%	
50) Toluene-d8	10.326	98	152497	39.137	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	78.280%	
62) 4-Bromofluorobenzene	12.620	95	50229	35.054	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	70.100%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.961	84	25071	10.383	ug/l	95

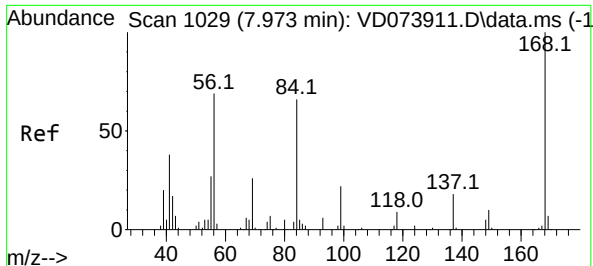
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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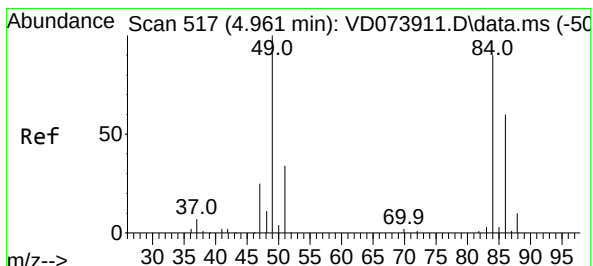
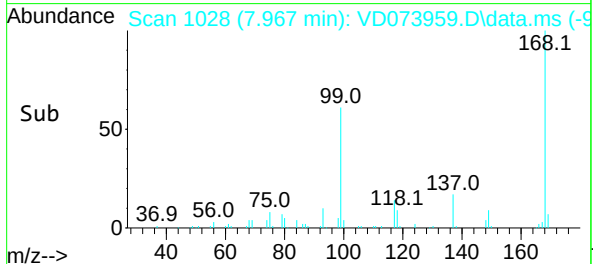
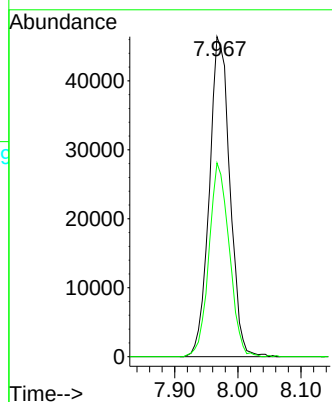
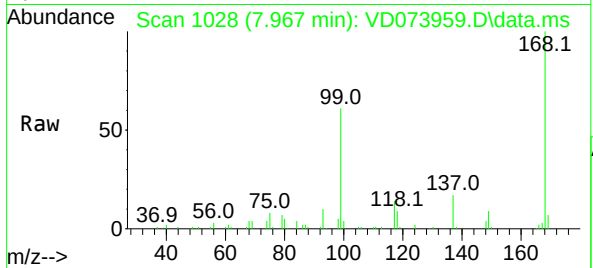




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

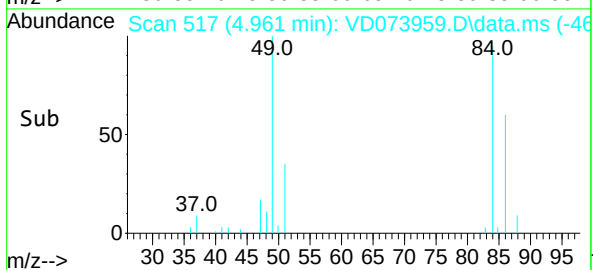
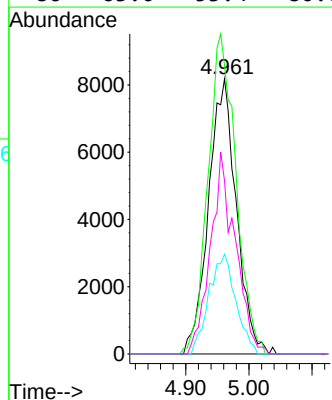
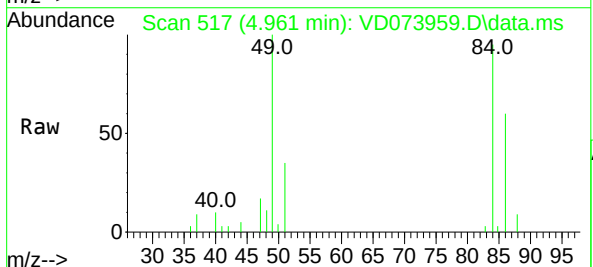
Instrument :
MSVOA_D
ClientSampleId :
RVE-204

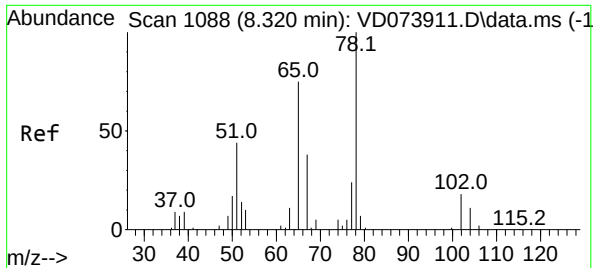
Tgt Ion:168 Resp: 105142
Ion Ratio Lower Upper
168 100
99 60.5 52.2 78.4



#20
Methylene Chloride
Concen: 10.383 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

Tgt Ion: 84 Resp: 25071
Ion Ratio Lower Upper
84 100
49 104.9 89.1 133.7
51 36.3 29.8 44.8
86 63.0 53.4 80.0





#33

1,2-Dichloroethane-d4

Concen: 69.502 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073959.D

Acq: 04 Aug 2022 18:05

Instrument :

MSVOA_D

ClientSampleId :

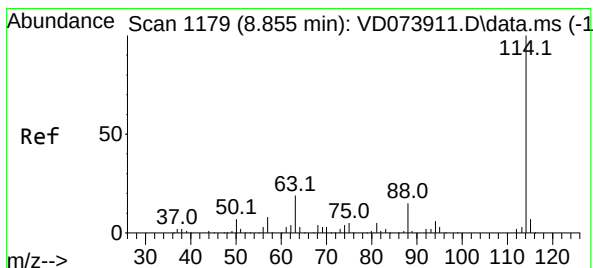
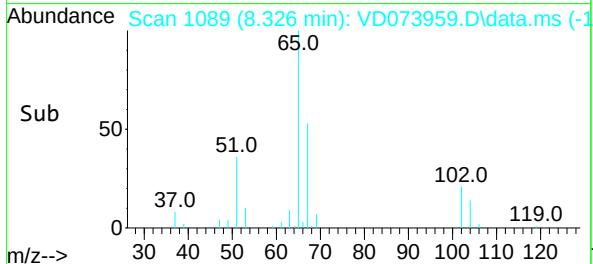
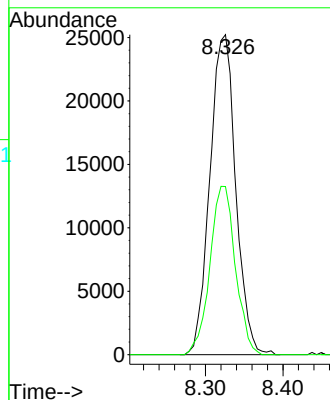
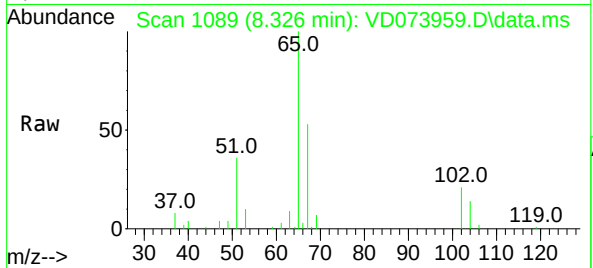
RVE-204

Tgt Ion: 65 Resp: 58566

Ion Ratio Lower Upper

65 100

67 51.8 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: VD073959.D

Acq: 04 Aug 2022 18:05

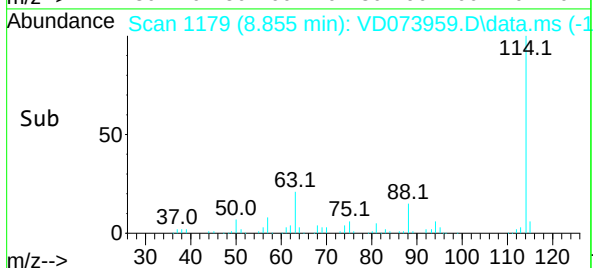
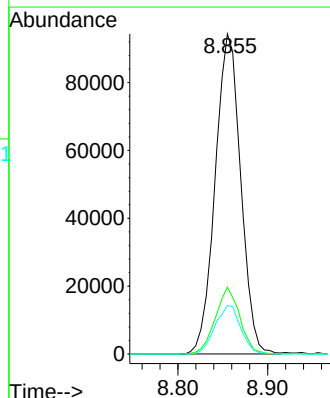
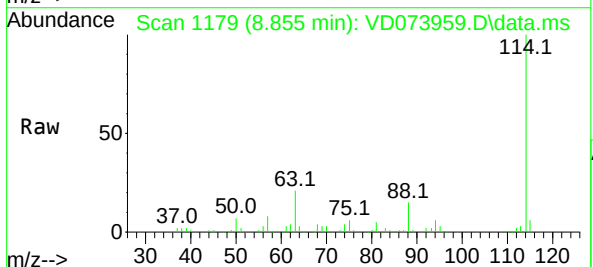
Tgt Ion: 114 Resp: 186177

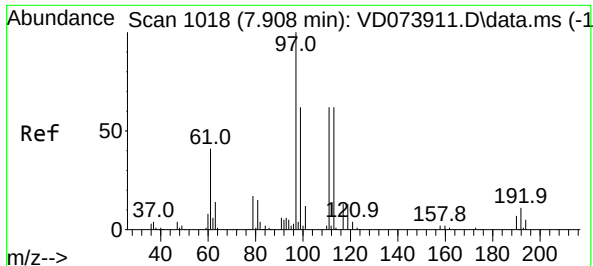
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.6

88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.544 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073959.D

Acq: 04 Aug 2022 18:05

Instrument :

MSVOA_D

ClientSampleId :

RVE-204

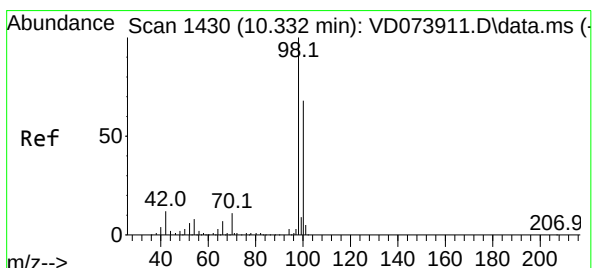
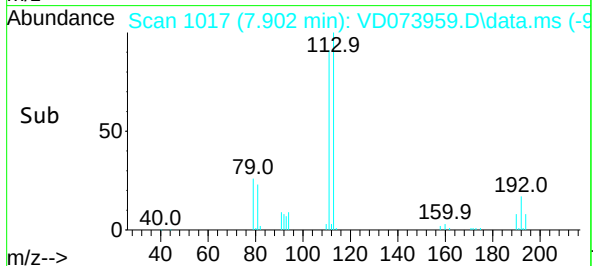
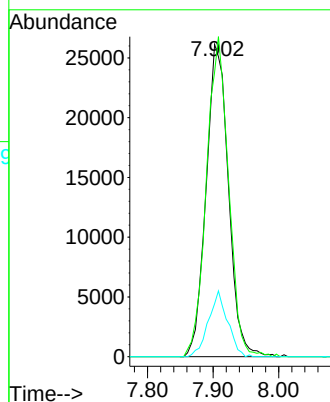
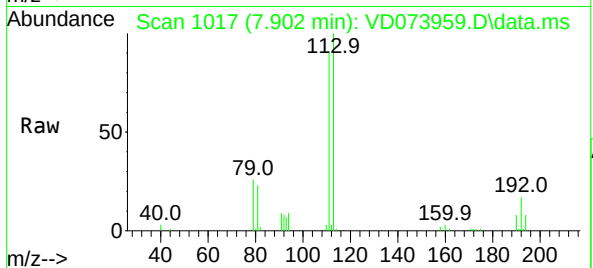
Tgt Ion:113 Resp: 61937

Ion Ratio Lower Upper

113 100

111 101.4 83.7 125.5

192 18.0 15.0 22.6



#50

Toluene-d8

Concen: 39.137 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073959.D

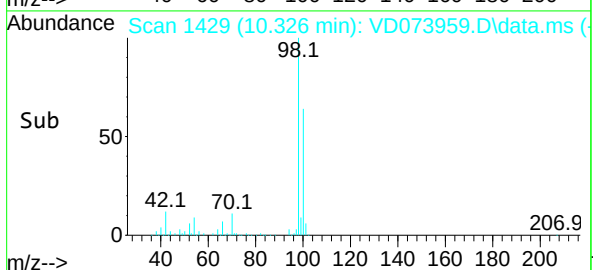
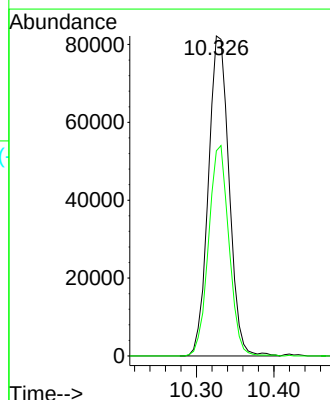
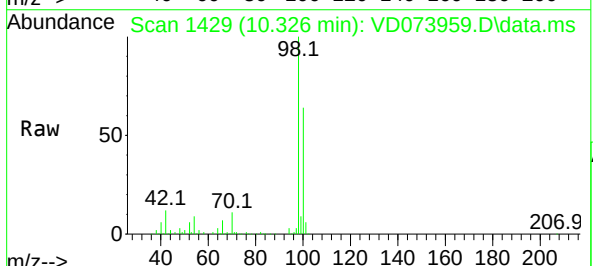
Acq: 04 Aug 2022 18:05

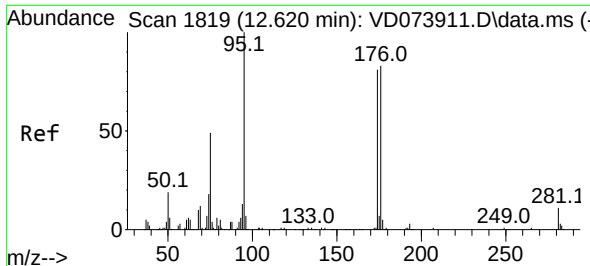
Tgt Ion: 98 Resp: 152497

Ion Ratio Lower Upper

98 100

100 64.6 53.1 79.7

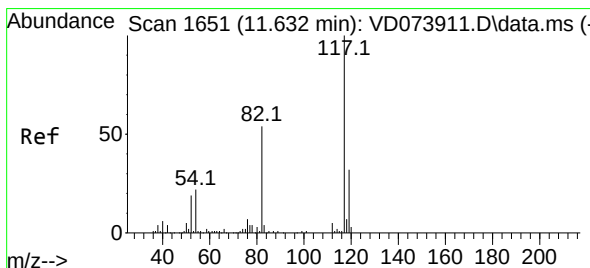
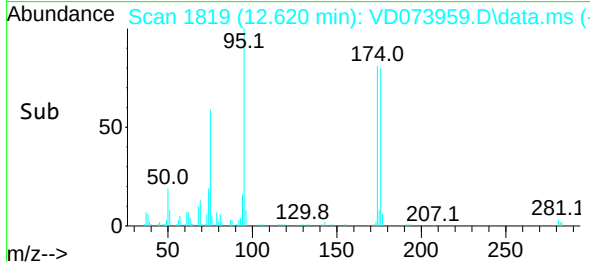
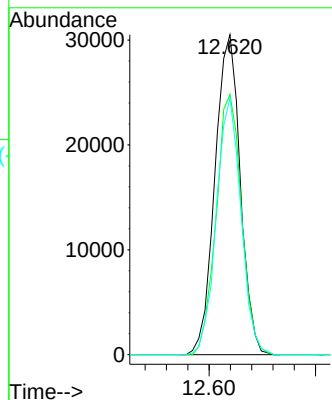
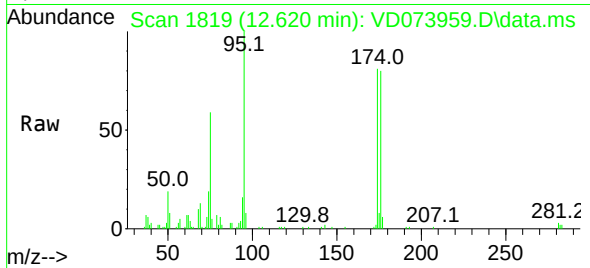




#62
4-Bromofluorobenzene
Concen: 35.054 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

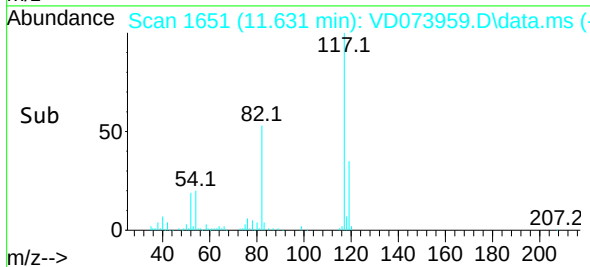
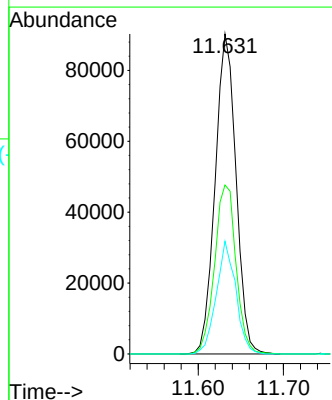
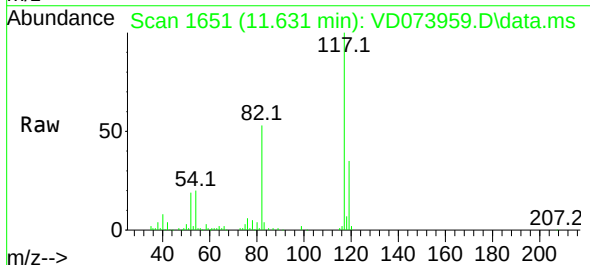
Instrument :
MSVOA_D
ClientSampleId :
RVE-204

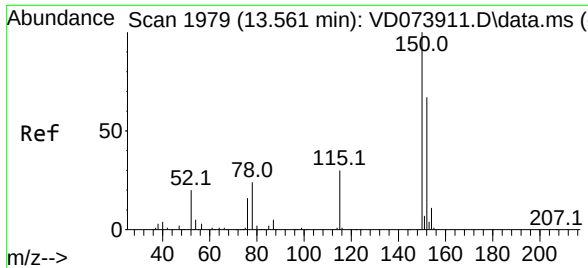
Tgt Ion:	95	Resp:	50229
Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	164.2
176	78.2	0.0	161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

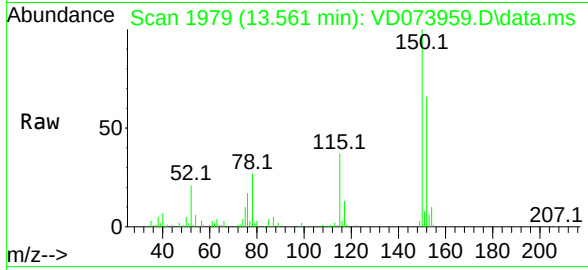
Tgt Ion:	117	Resp:	153613
Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.3	64.9
119	35.2	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073959.D
 Acq: 04 Aug 2022 18:05

Instrument :
 MSVOA_D
 ClientSampleId :
 RVE-204



Tgt Ion:	152	Resp:	54824
Ion Ratio	Lower	Upper	
152	100		
115	61.8	29.1	87.3
150	157.1	0.0	338.2

