

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073551.D
 Acq On : 13 Jun 2022 17:40
 Operator : VA/SY
 Sample : N3302-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 I-2

Quant Time: Jun 14 01:29:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

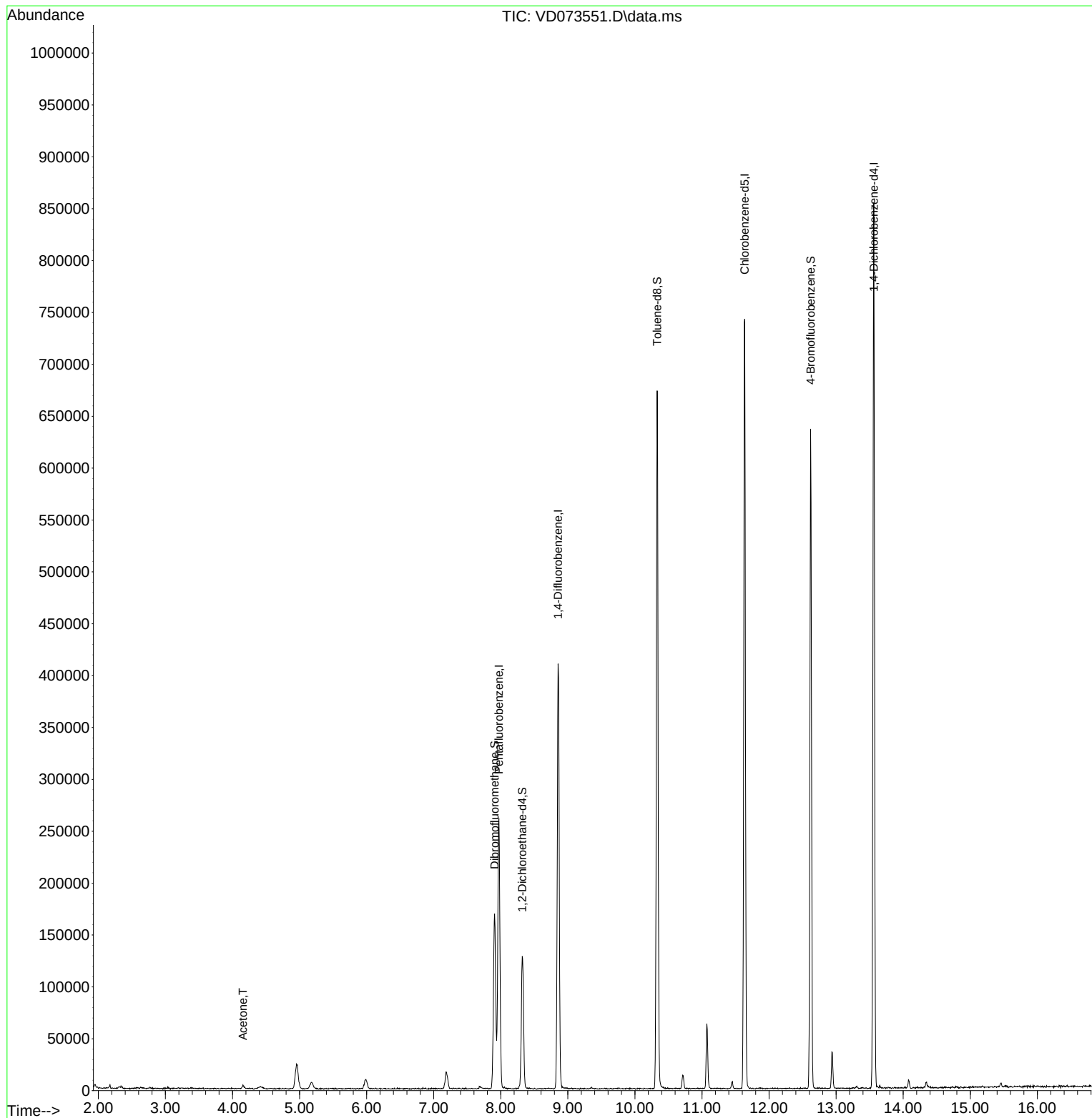
Internal Standards						
1) Pentafluorobenzene	7.973	168	189812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	358174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	444583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	224536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	107849	52.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.900%
35) Dibromofluoromethane	7.908	113	122312	53.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.220%
50) Toluene-d8	10.332	98	462177	53.074	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.140%
62) 4-Bromofluorobenzene	12.620	95	208993	66.110	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.220%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	4884	13.618	ug/l #	83

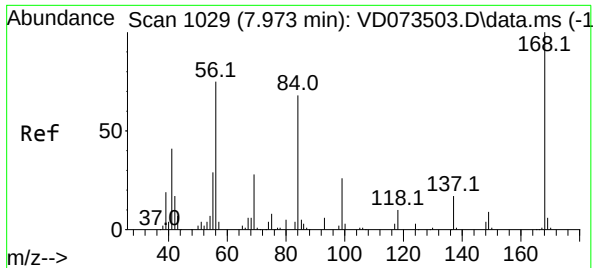
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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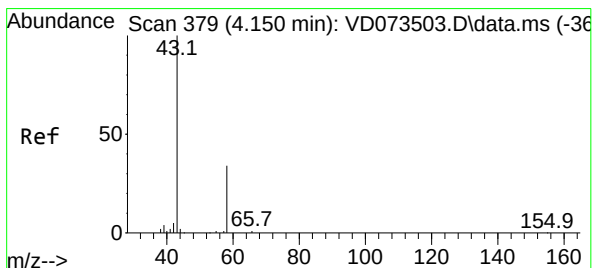
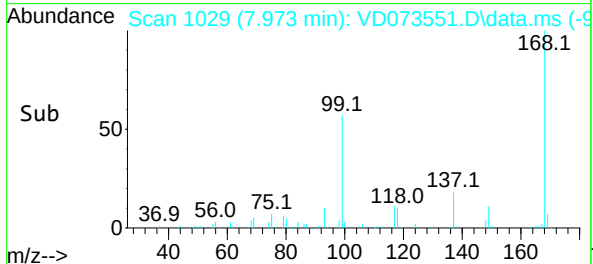
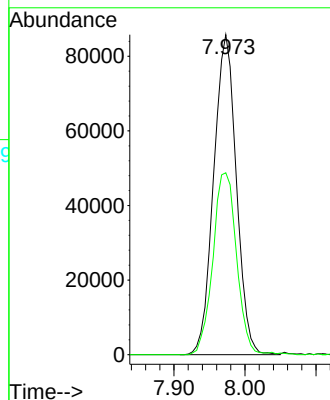
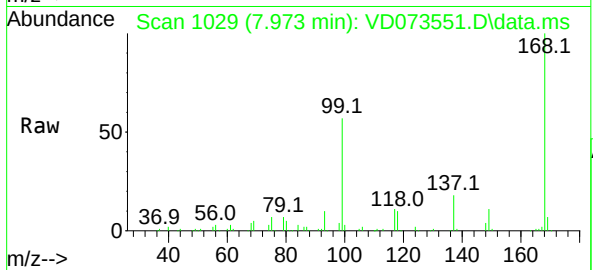




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

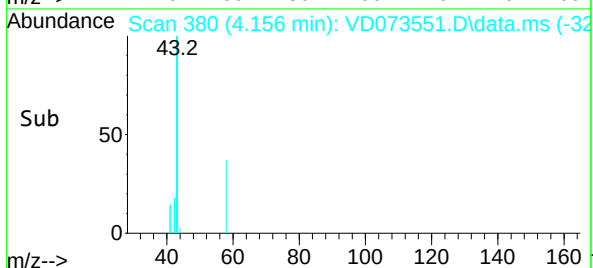
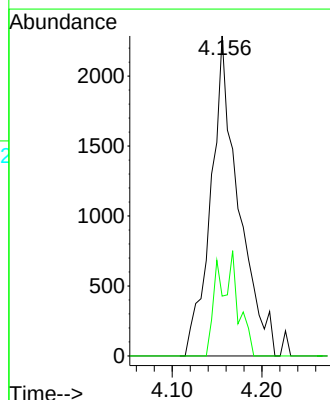
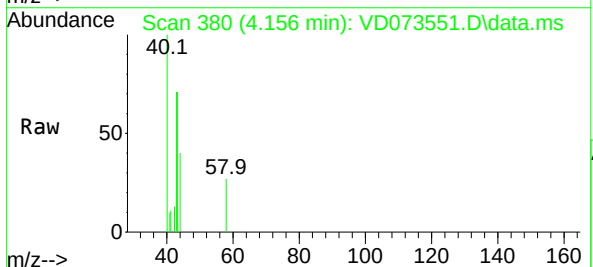
Instrument :
MSVOA_D
ClientSampleId :
I-2

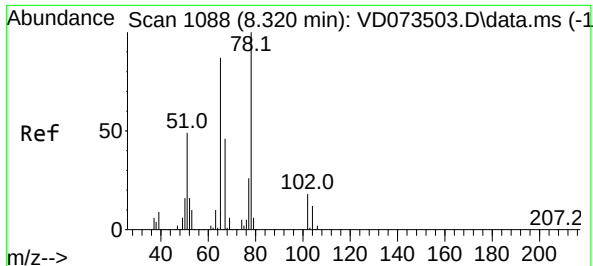
Tgt Ion:168 Resp: 189812
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6



#16
Acetone
Concen: 13.618 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

Tgt Ion: 43 Resp: 4884
Ion Ratio Lower Upper
43 100
58 18.7 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 52.947 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073551.D

Acq: 13 Jun 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

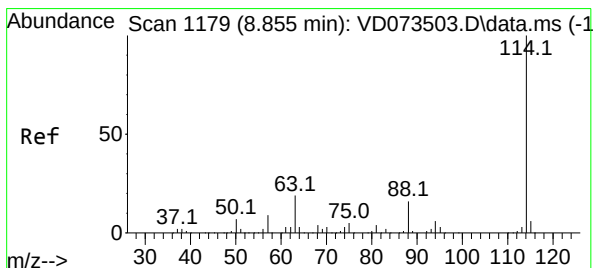
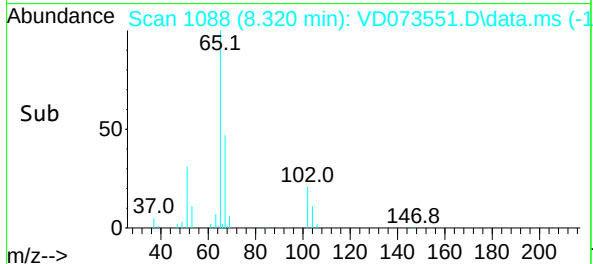
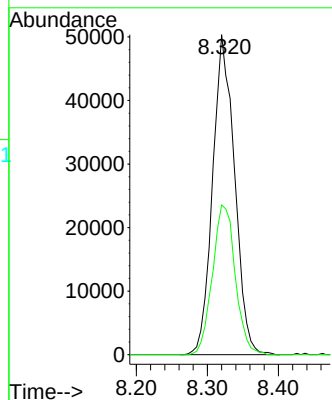
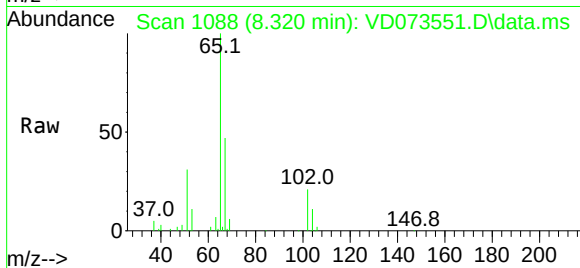
I-2

Tgt Ion: 65 Resp: 107849

Ion Ratio Lower Upper

65 100

67 48.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073551.D

Acq: 13 Jun 2022 17:40

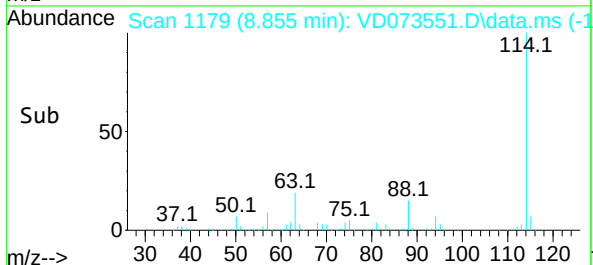
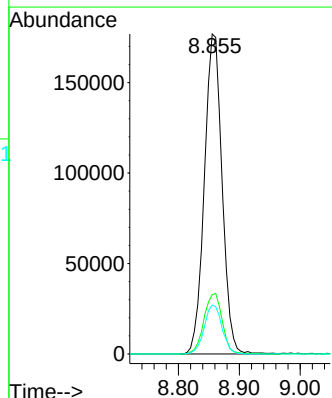
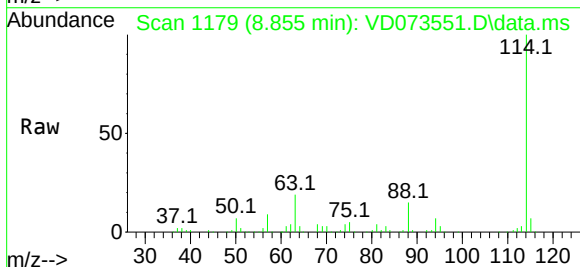
Tgt Ion: 114 Resp: 358174

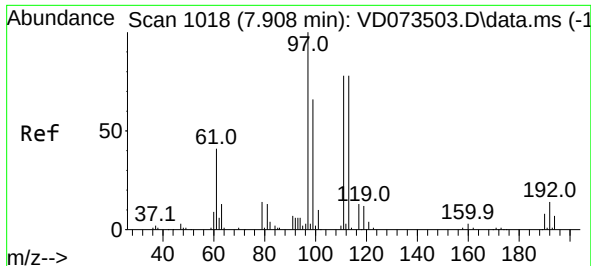
Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.105 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073551.D

Acq: 13 Jun 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

I-2

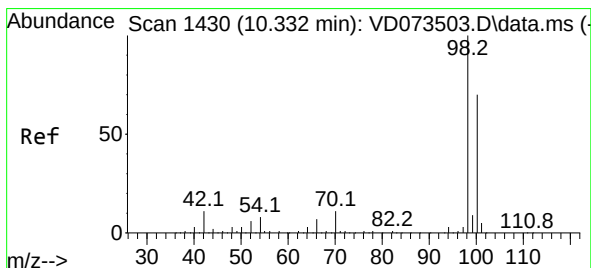
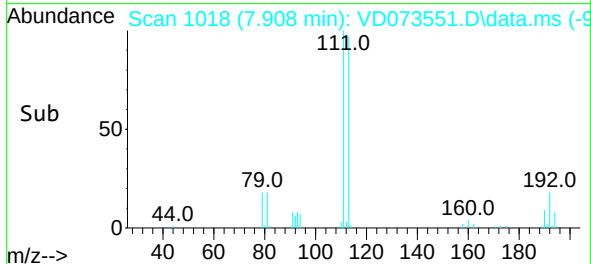
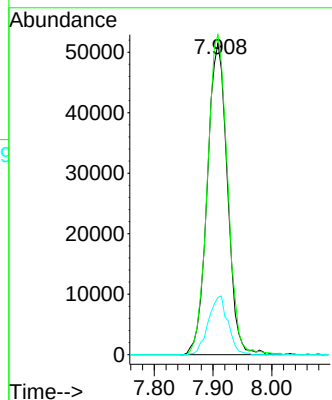
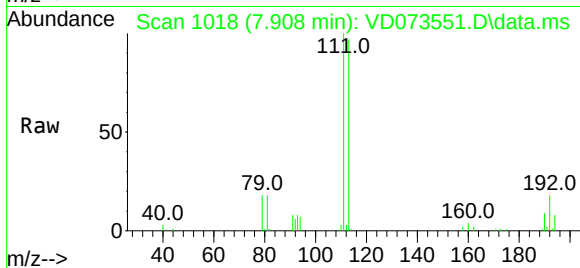
Tgt Ion:113 Resp: 122312

Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.4 14.6 21.8



#50

Toluene-d8

Concen: 53.074 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073551.D

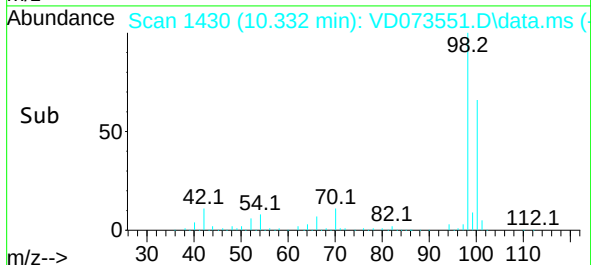
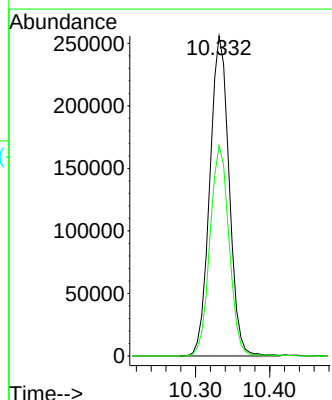
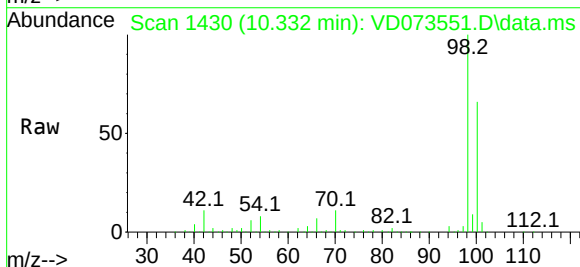
Acq: 13 Jun 2022 17:40

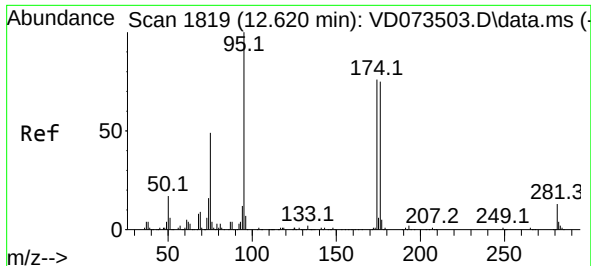
Tgt Ion: 98 Resp: 462177

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6

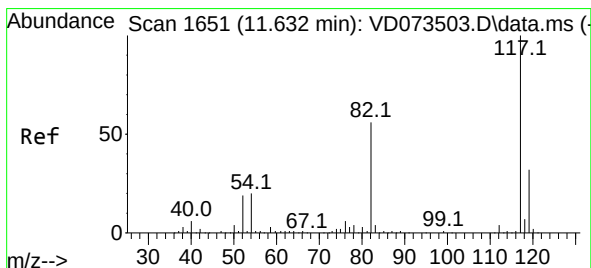
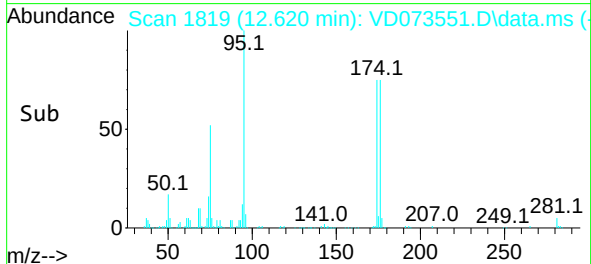
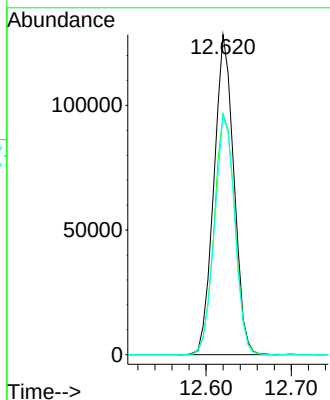
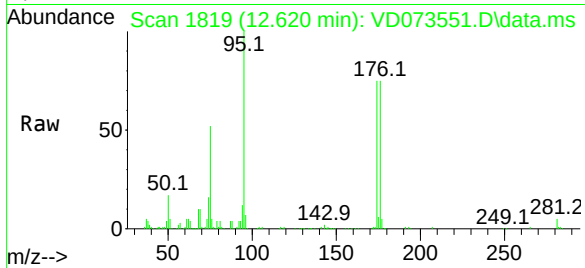




#62
4-Bromofluorobenzene
Concen: 66.110 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

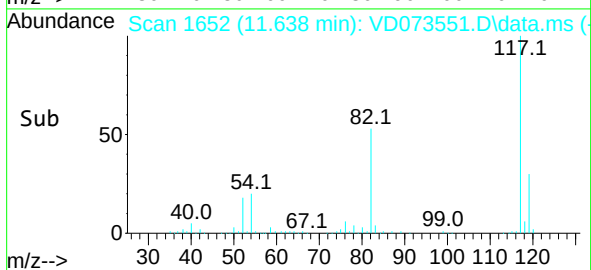
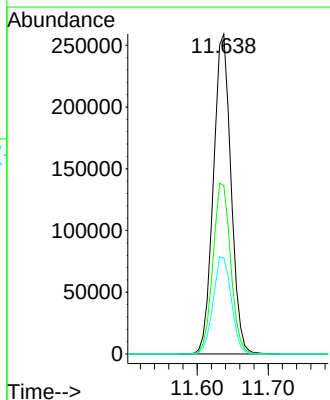
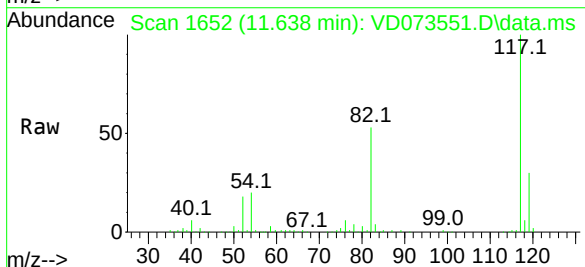
Instrument :
MSVOA_D
ClientSampleId :
1-2

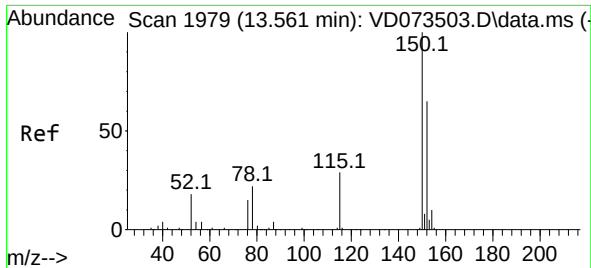
Tgt Ion:	95	Resp:	208993
Ion Ratio	Lower	Upper	
95	100		
174	78.0	0.0	152.8
176	75.7	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

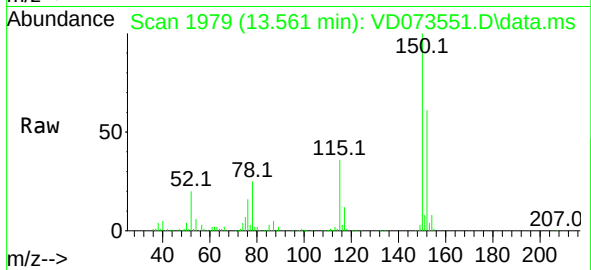
Tgt Ion:	117	Resp:	444583
Ion Ratio	Lower	Upper	
117	100		
82	52.6	45.3	67.9
119	29.9	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073551.D
 Acq: 13 Jun 2022 17:40

Instrument :
 MSVOA_D
 ClientSampleId :
 I-2



Tgt Ion:152 Resp: 224536
 Ion Ratio Lower Upper
 152 100
 115 59.0 31.3 93.8
 150 160.3 0.0 348.6

