

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073590.D
 Acq On : 15 Jun 2022 14:36
 Operator : VA/SY
 Sample : N3293-04RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 30876RE

Quant Time: Jun 16 06:03:27 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	7.967	168	23841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	41397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	42350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19490	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	21212	82.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.820%#
35) Dibromofluoromethane	7.909	113	17670	66.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.760%
50) Toluene-d8	10.332	98	48459	48.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.626	95	16312	44.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.280%

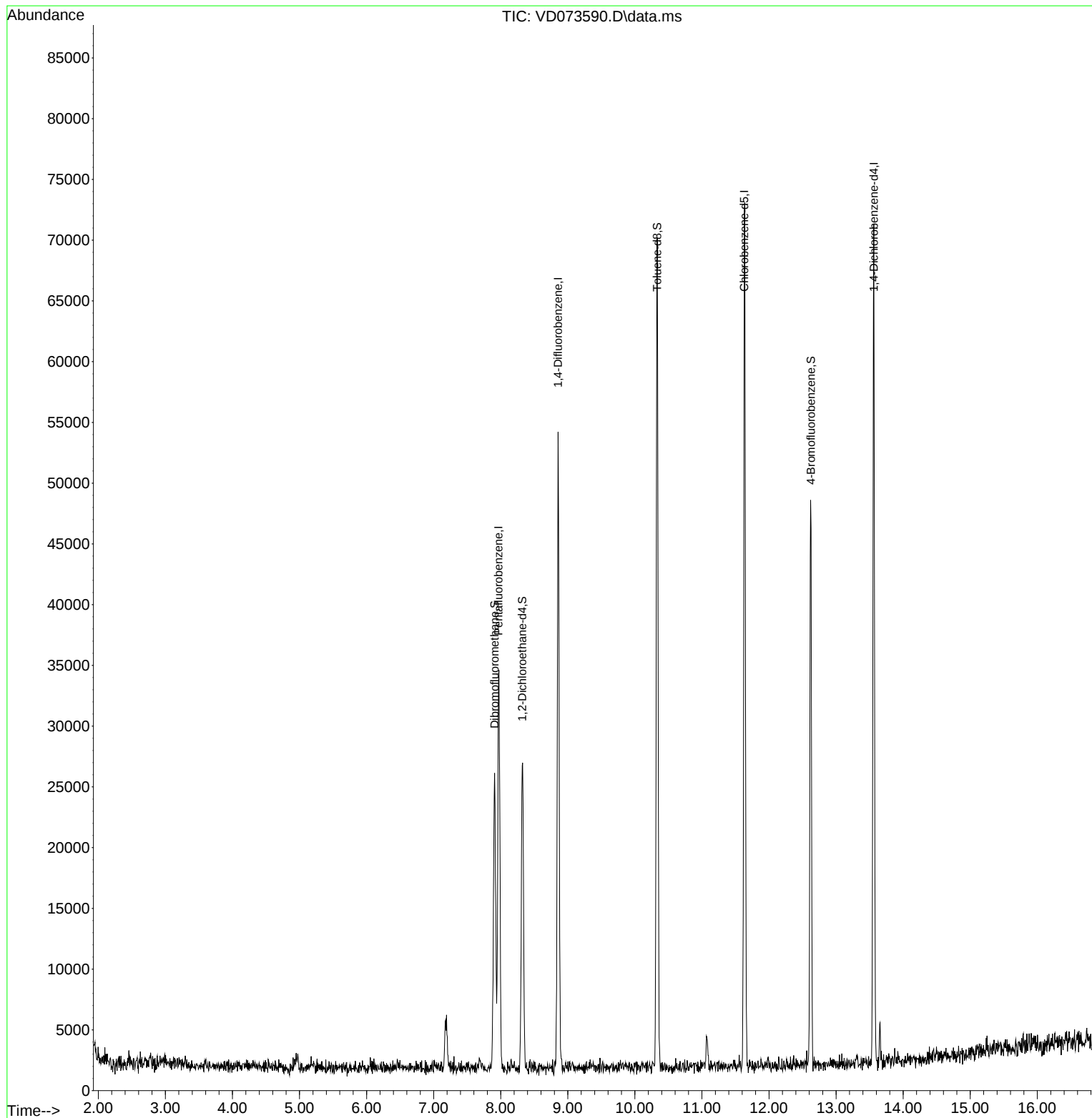
Target Compounds	Qvalue

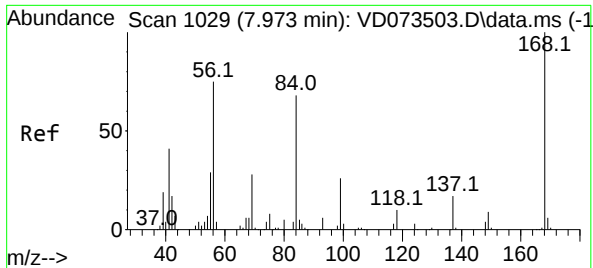
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
Data File : VD073590.D
Acq On : 15 Jun 2022 14:36
Operator : VA/SY
Sample : N3293-04RE
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
30876RE

Quant Time: Jun 16 06:03:27 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

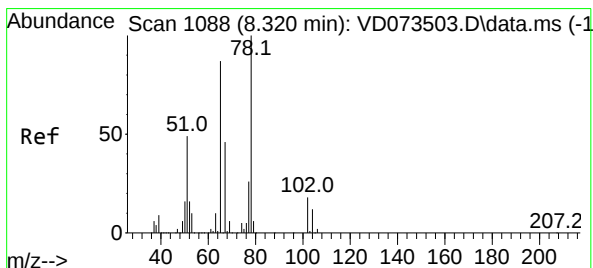
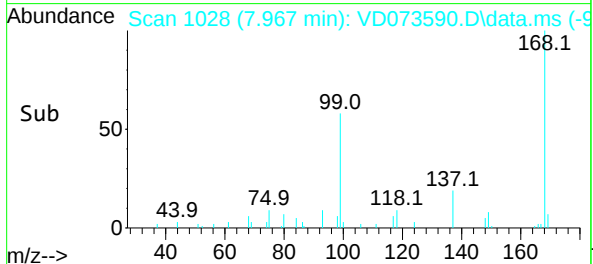
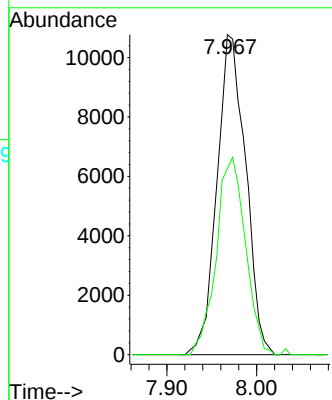
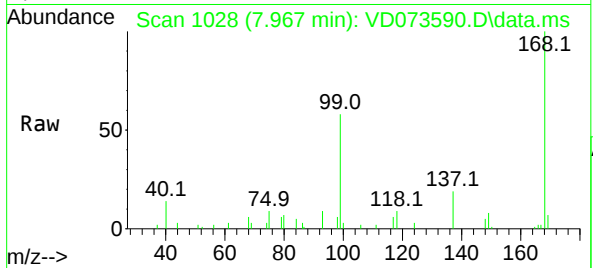




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

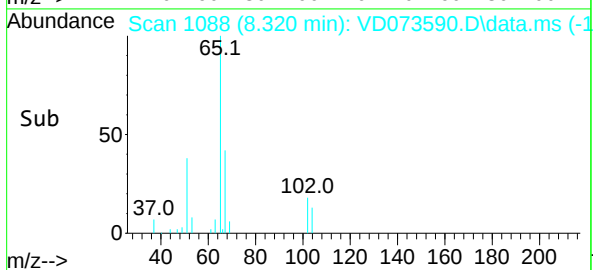
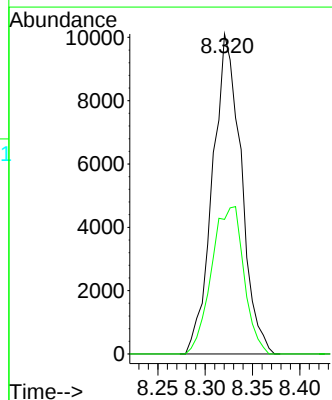
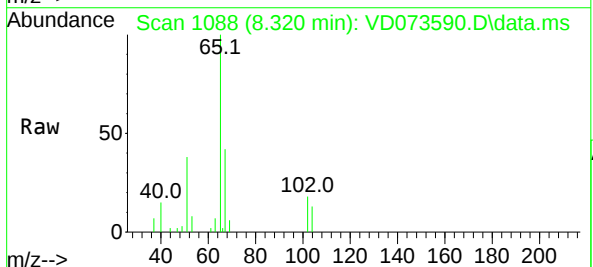
Instrument :
MSVOA_D
ClientSampleId :
30876RE

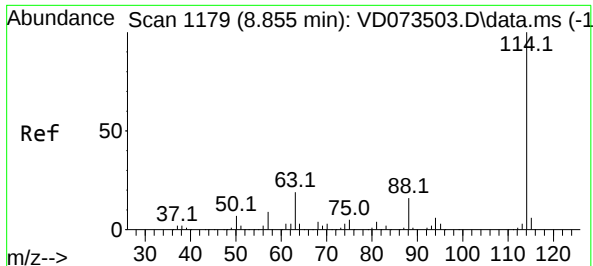
Tgt Ion:168 Resp: 23841
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 82.909 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Tgt Ion: 65 Resp: 21212
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073590.D

Acq: 15 Jun 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

30876RE

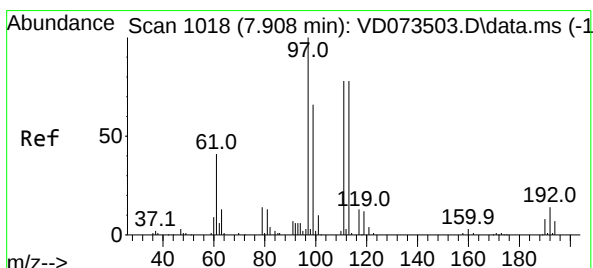
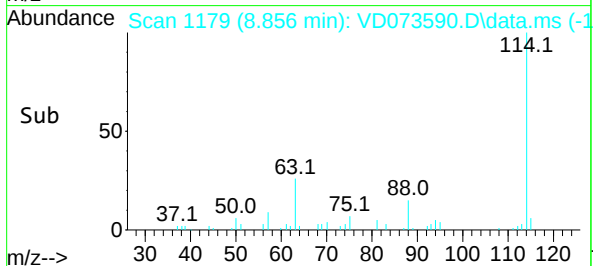
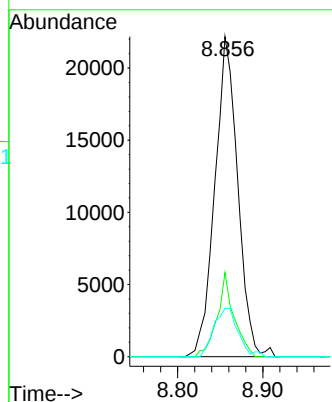
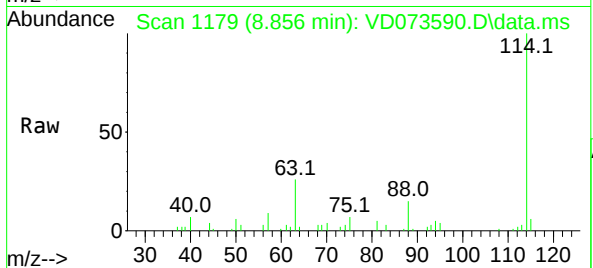
Tgt Ion:114 Resp: 41397

Ion Ratio Lower Upper

114 100

63 26.3 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 66.379 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073590.D

Acq: 15 Jun 2022 14:36

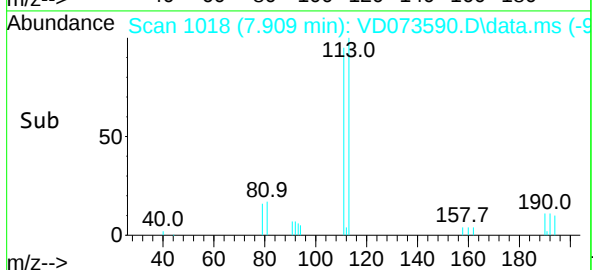
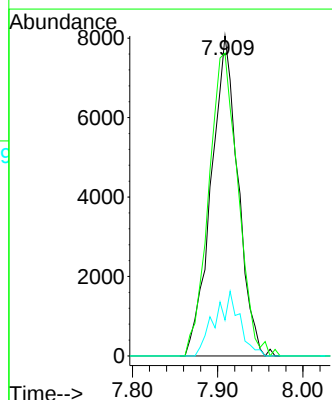
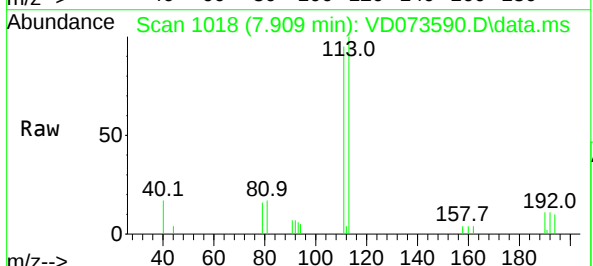
Tgt Ion:113 Resp: 17670

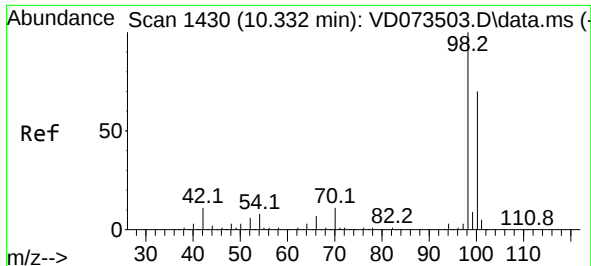
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.7 14.6 21.8

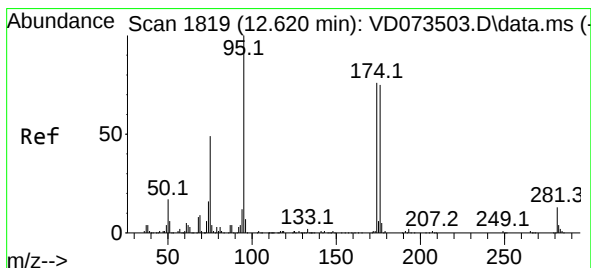
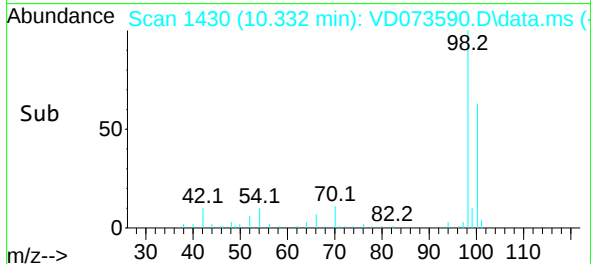
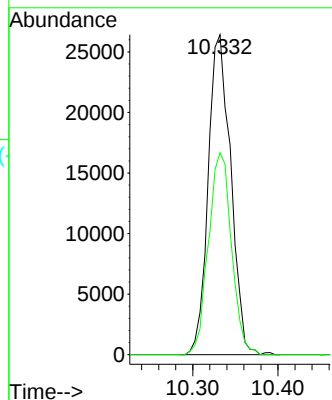
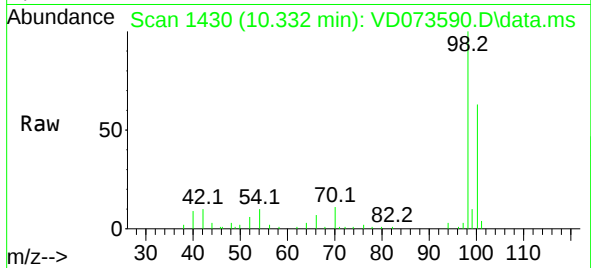




#50
Toluene-d8
Concen: 48.148 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

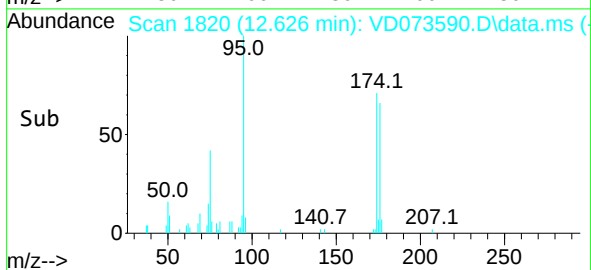
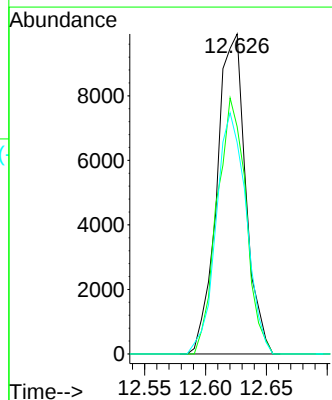
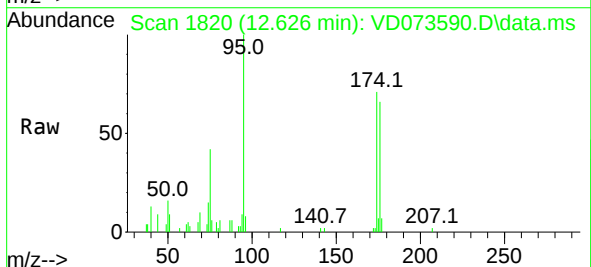
Instrument :
MSVOA_D
ClientSampleId :
30876RE

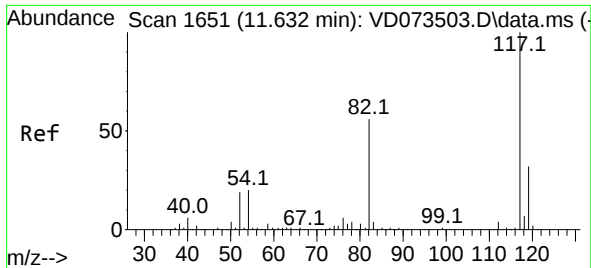
Tgt Ion: 98 Resp: 48459
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.645 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Tgt Ion: 95 Resp: 16312
Ion Ratio Lower Upper
95 100
174 80.1 0.0 152.8
176 78.9 0.0 145.4

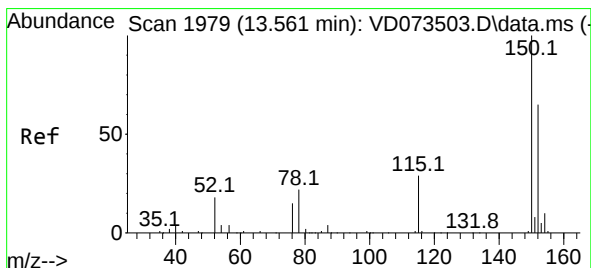
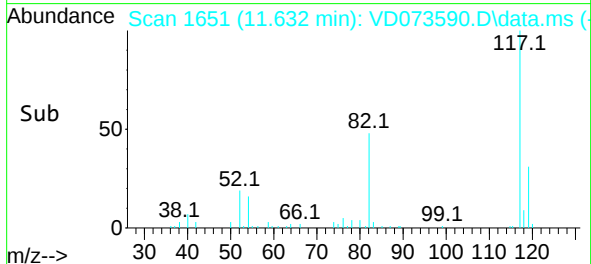
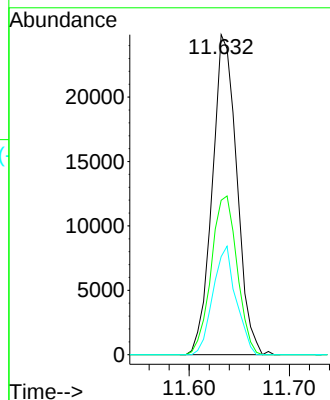
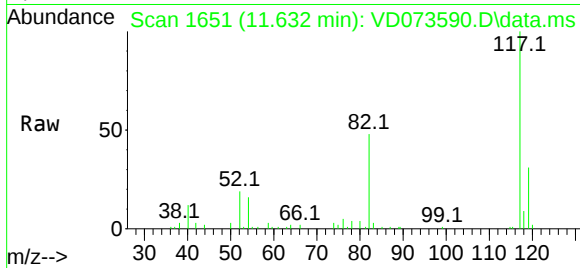




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073590.D
Acq: 15 Jun 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :
30876RE

Tgt Ion:117 Resp: 42350
Ion Ratio Lower Upper
117 100
82 48.2 45.3 67.9
119 30.7 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: VD073590.D
Acq: 15 Jun 2022 14:36

Tgt Ion:152 Resp: 19490
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 145.9 0.0 348.6

