

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071457.D
 Acq On : 25 Dec 2021 14:53
 Operator : VA/SY
 Sample : VD1225SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1225SBL01

Quant Time: Dec 27 00:49:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	346585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	593437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	540793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	243359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238220	51.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.500%
35) Dibromofluoromethane	7.908	113	207874	52.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.240%
50) Toluene-d8	10.337	98	761880	50.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.625	95	260876	48.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.420%

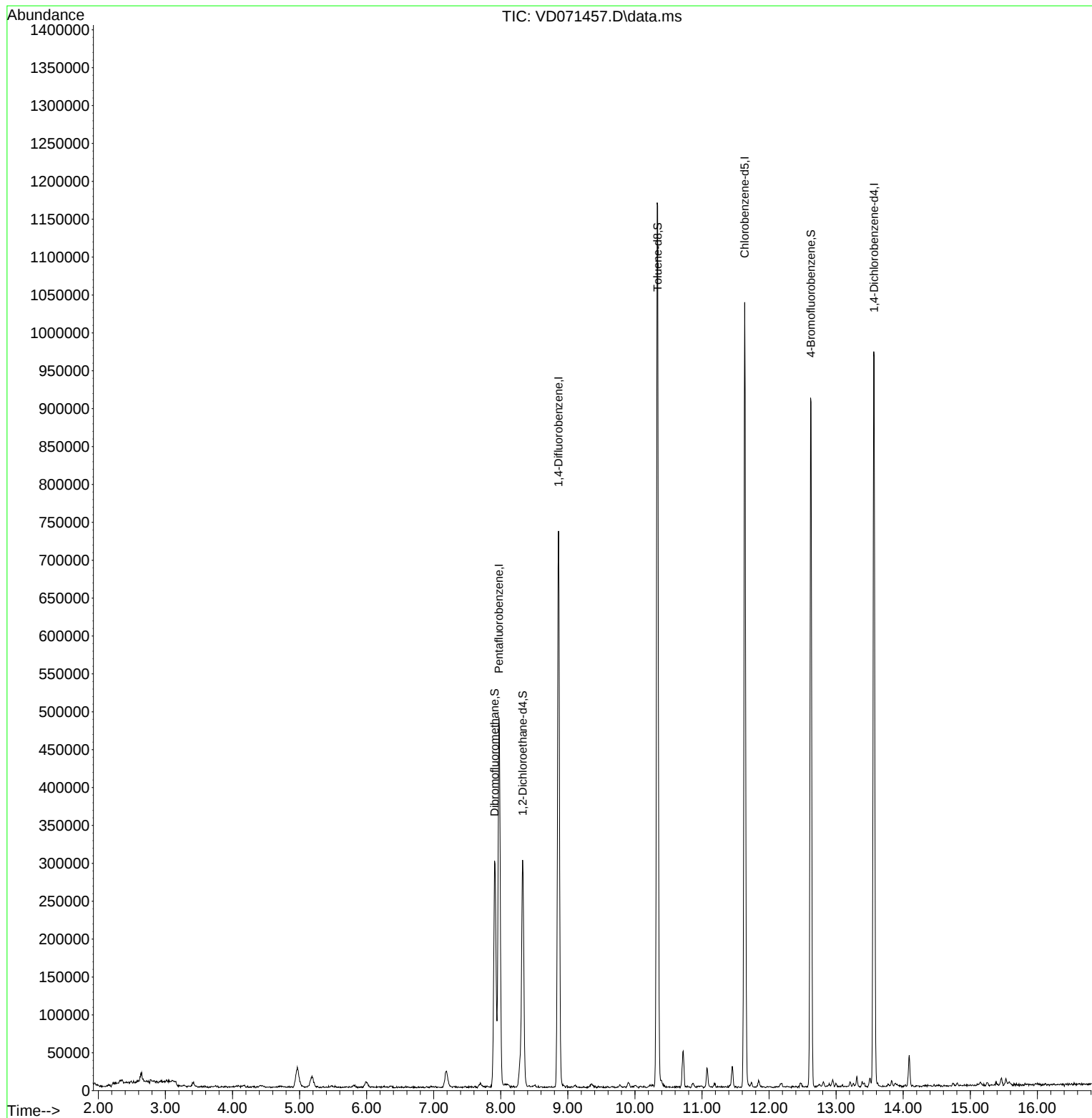
Target Compounds	Qvalue

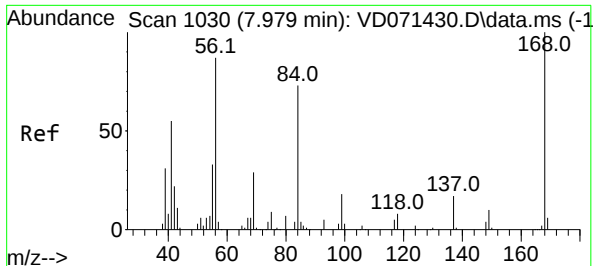
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
Data File : VD071457.D
Acq On : 25 Dec 2021 14:53
Operator : VA/SY
Sample : VD1225SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

Quant Time: Dec 27 00:49:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

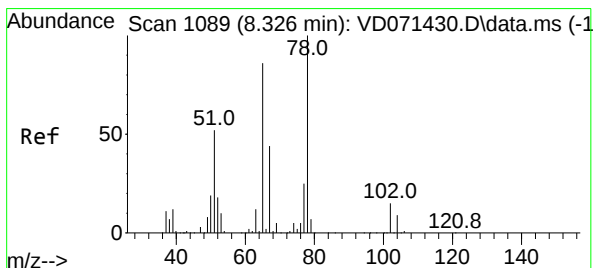
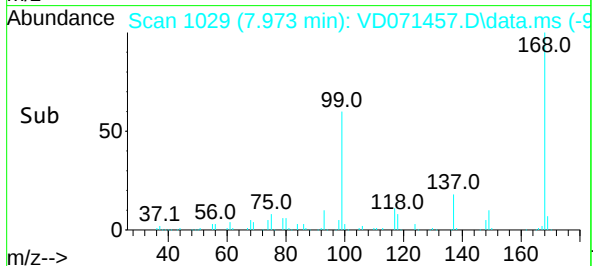
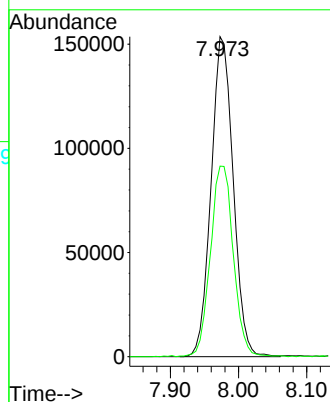
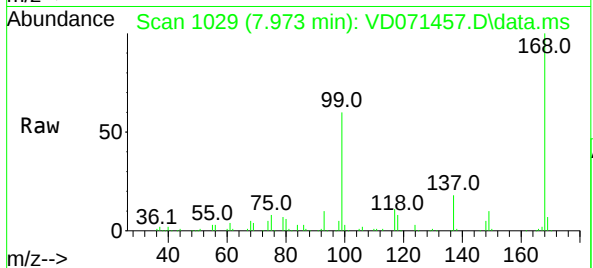




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

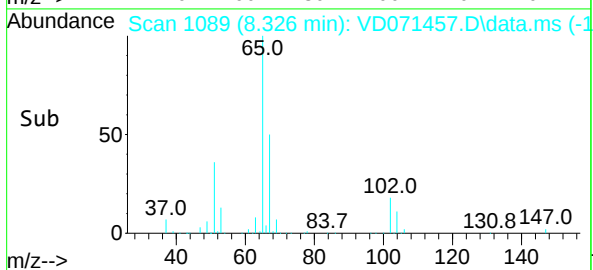
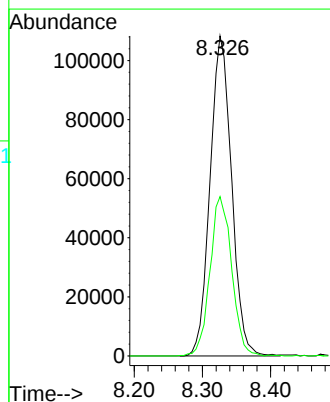
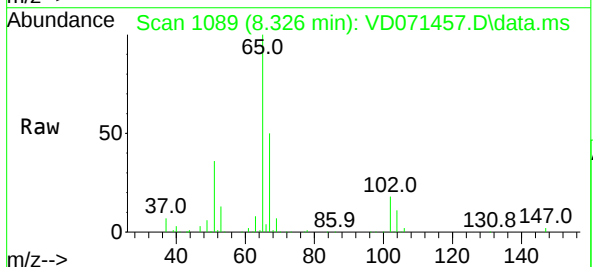
Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

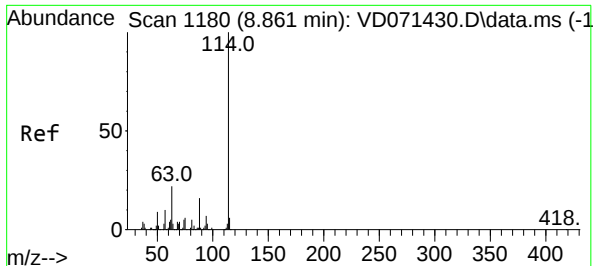
Tgt Ion:168 Resp: 346585
Ion Ratio Lower Upper
168 100
99 59.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 51.754 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Tgt Ion: 65 Resp: 238220
Ion Ratio Lower Upper
65 100
67 50.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071457.D

Acq: 25 Dec 2021 14:53

Instrument :

MSVOA_D

ClientSampleId :

VD1225SBL01

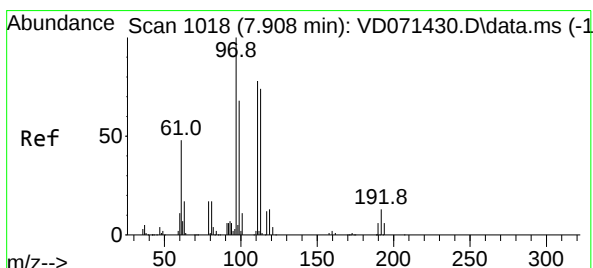
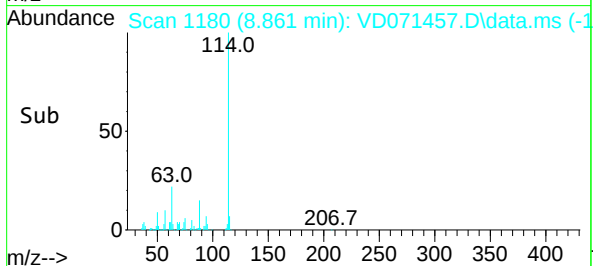
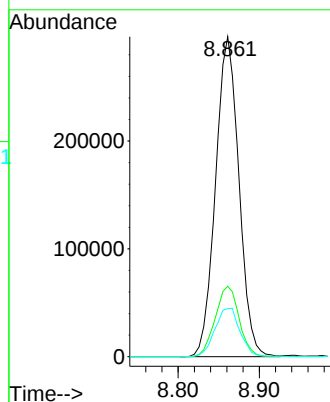
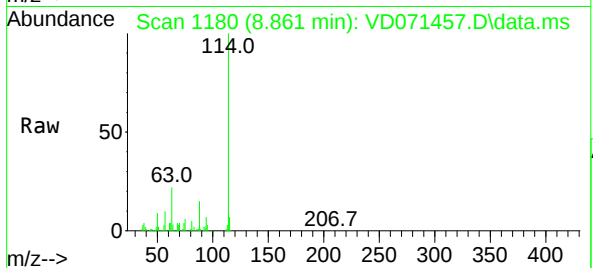
Tgt Ion:114 Resp: 593437

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 15.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.120 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071457.D

Acq: 25 Dec 2021 14:53

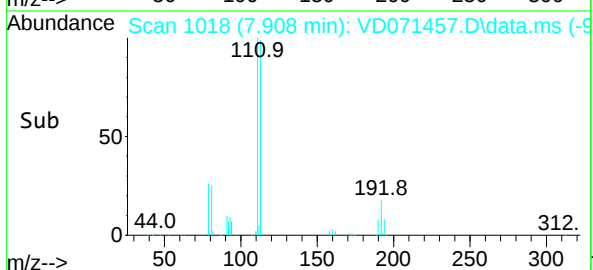
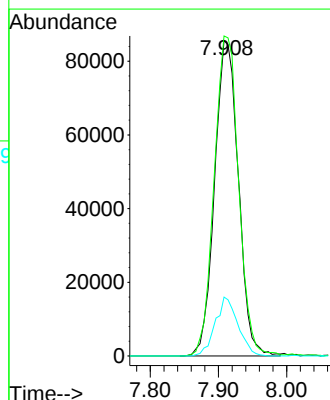
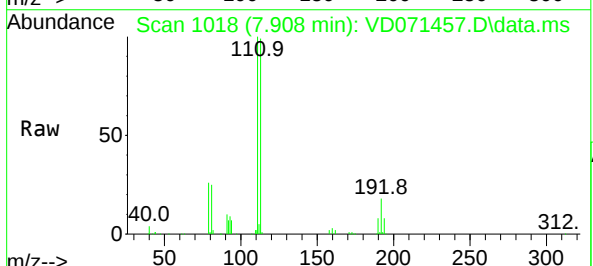
Tgt Ion:113 Resp: 207874

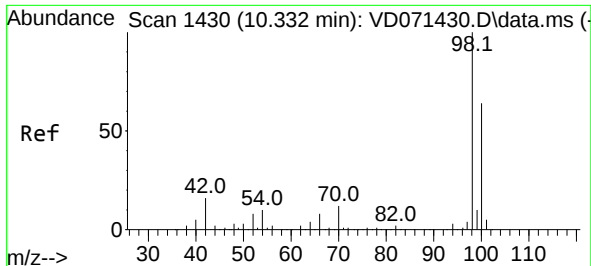
Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

192 17.8 15.2 22.8

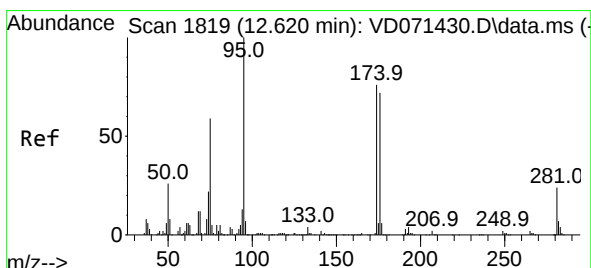
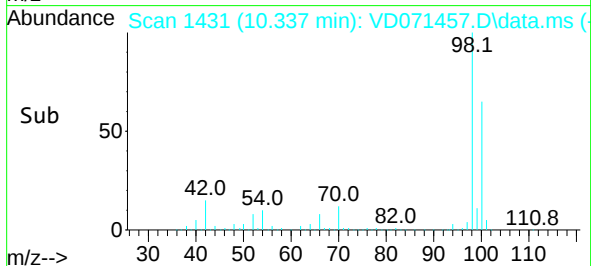
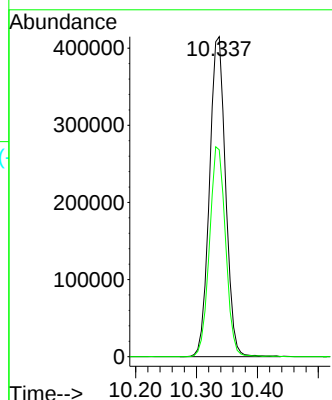
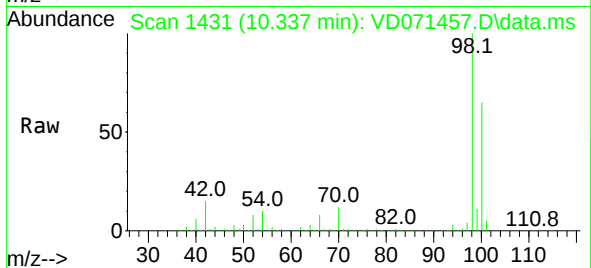




#50
Toluene-d8
Concen: 50.549 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.005 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

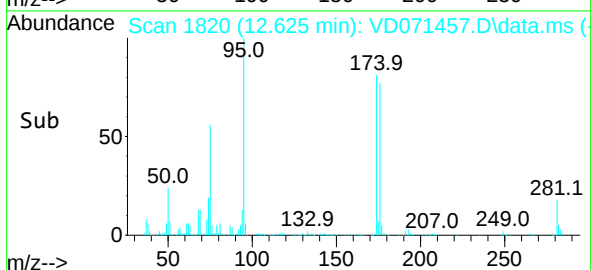
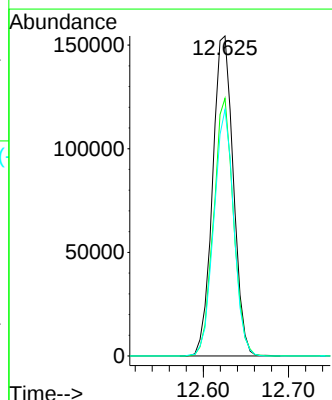
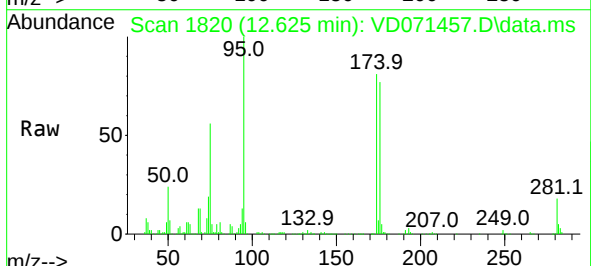
Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

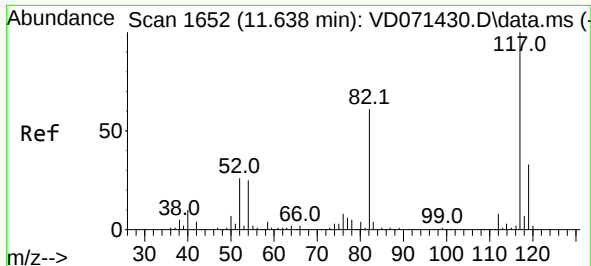
Tgt Ion: 98 Resp: 761880
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.709 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.001 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Tgt Ion: 95 Resp: 260876
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.4
176 73.9 0.0 154.0

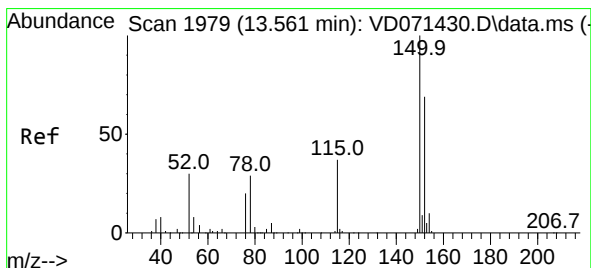
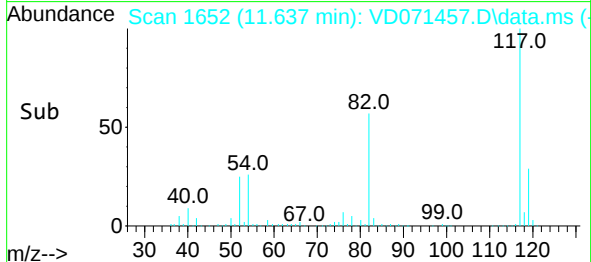
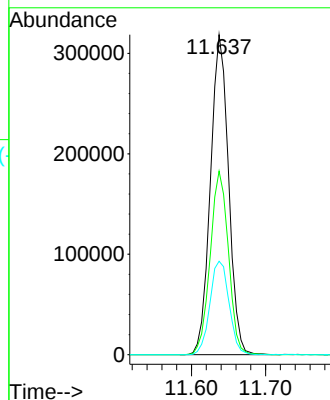
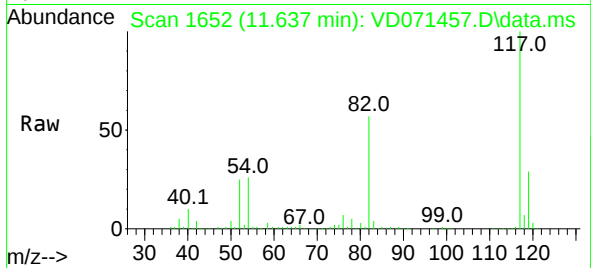




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

Tgt Ion:117 Resp: 540793
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 29.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Tgt Ion:152 Resp: 243359
Ion Ratio Lower Upper
152 100
115 62.2 29.8 89.3
150 157.4 0.0 349.2

