

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071122.D
 Acq On : 02 Dec 2021 17:09
 Operator : VA/SY
 Sample : M4893-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-1-120121RE

Quant Time: Dec 03 00:40:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	2080	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.867	114	3387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	3303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	1544	63.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.520%
35) Dibromofluoromethane	7.914	113	680	31.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.060%
50) Toluene-d8	10.332	98	4024	49.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.620	95	1381	48.539	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.080%

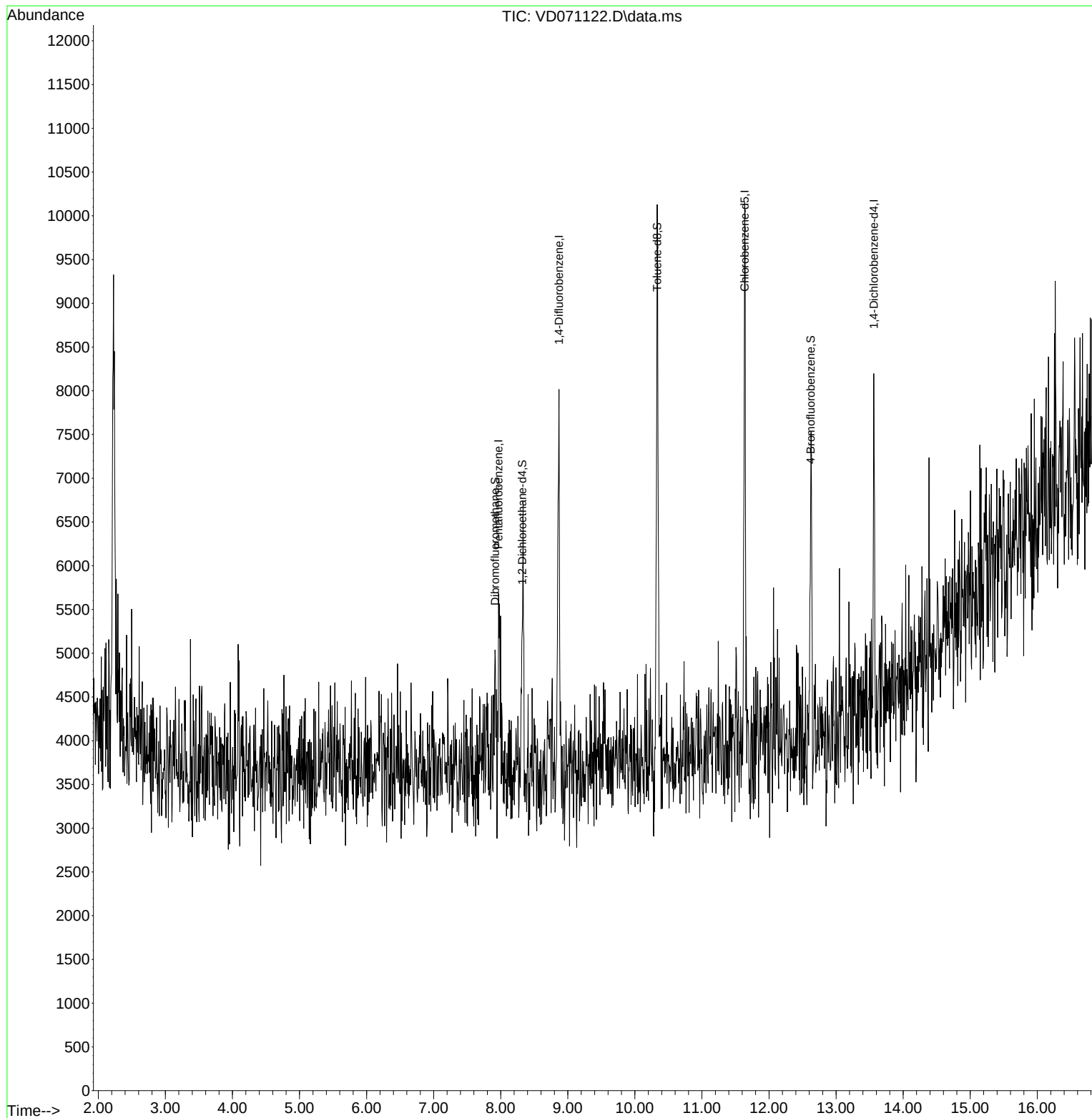
Target Compounds	Qvalue

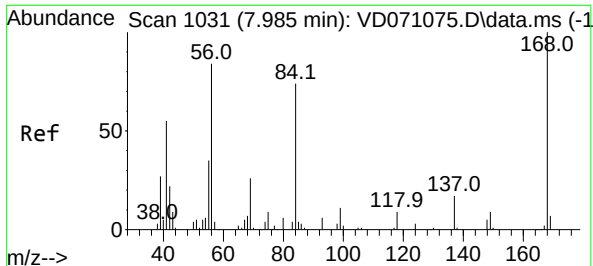
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
Data File : VD071122.D
Acq On : 02 Dec 2021 17:09
Operator : VA/SY
Sample : M4893-01RE
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-1-120121RE

Quant Time: Dec 03 00:40:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

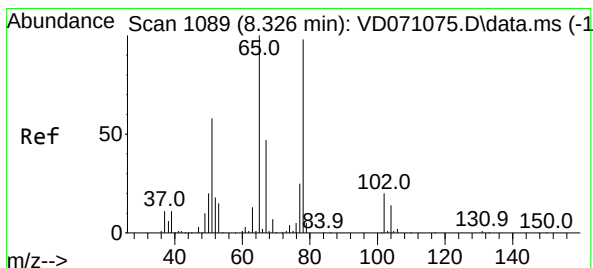
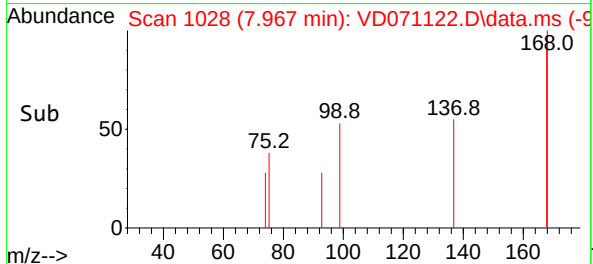
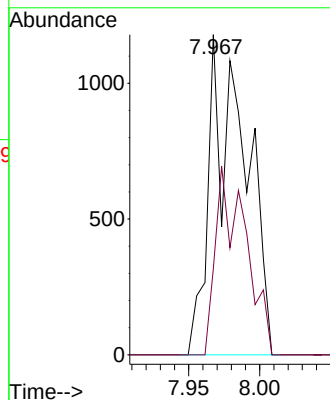
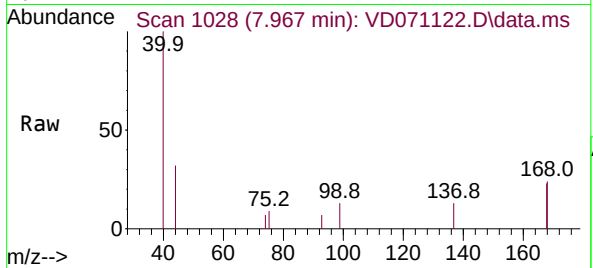




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD071122.D
Acq: 02 Dec 2021 17:09

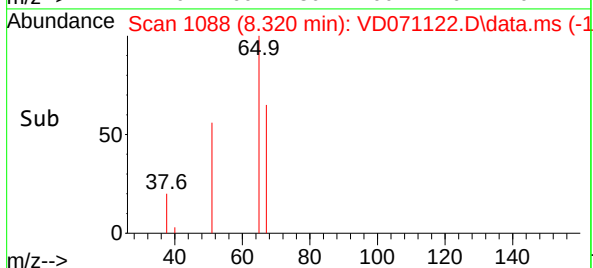
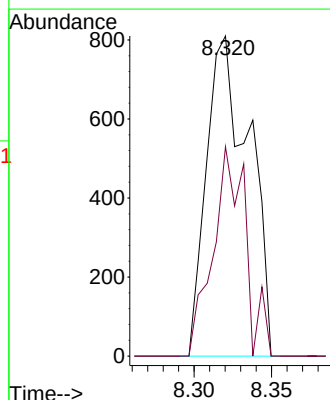
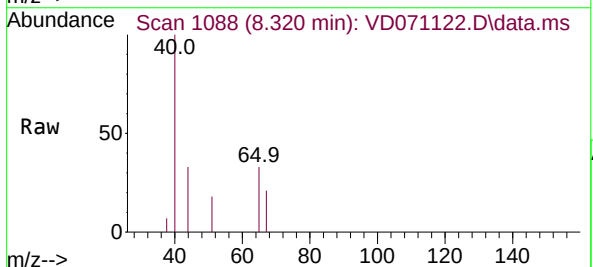
Instrument :
MSVOA_D
ClientSampleId :
EO-1-120121RE

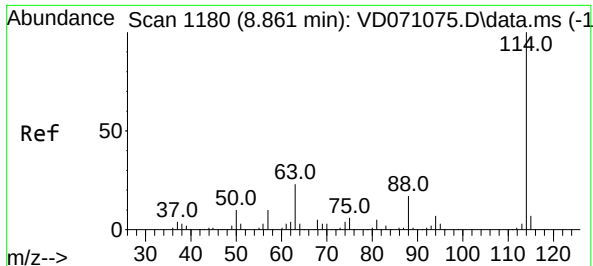
Tgt Ion:168 Resp: 2080
Ion Ratio Lower Upper
168 100
99 26.8 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 63.262 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD071122.D
Acq: 02 Dec 2021 17:09

Tgt Ion: 65 Resp: 1544
Ion Ratio Lower Upper
65 100
67 50.3 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071122.D

Acq: 02 Dec 2021 17:09

Instrument :

MSVOA_D

ClientSampleId :

EO-1-120121RE

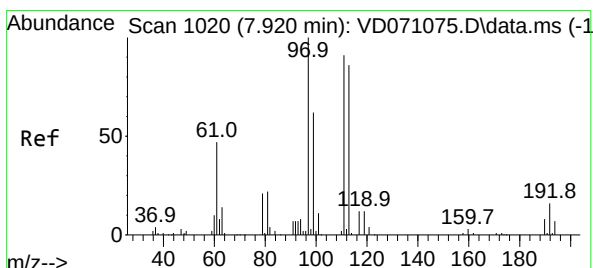
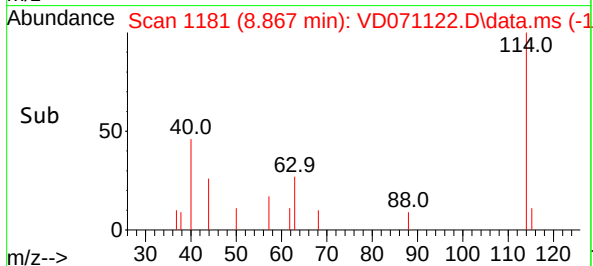
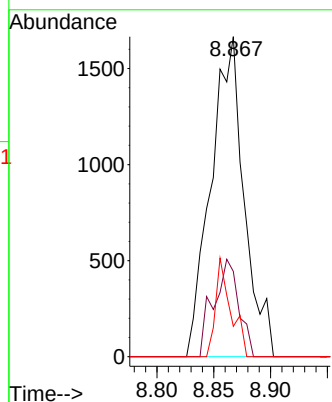
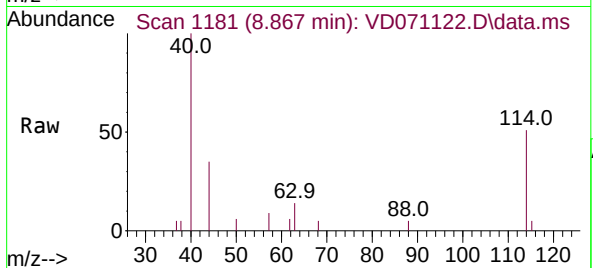
Tgt Ion:114 Resp: 3387

Ion Ratio Lower Upper

114 100

63 26.7 0.0 41.8

88 9.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 31.528 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071122.D

Acq: 02 Dec 2021 17:09

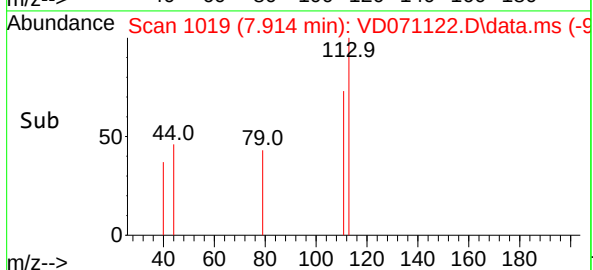
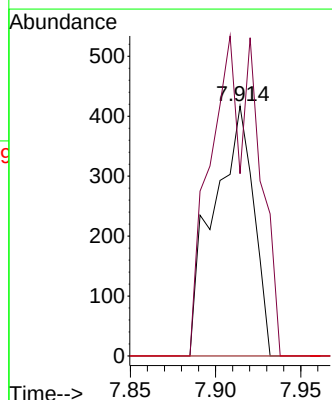
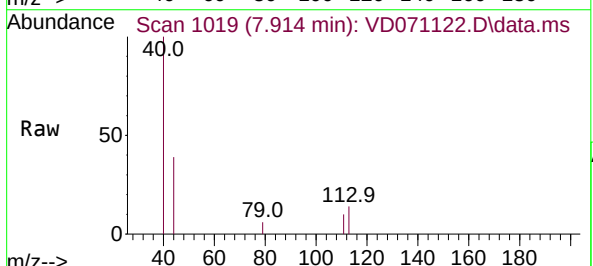
Tgt Ion:113 Resp: 680

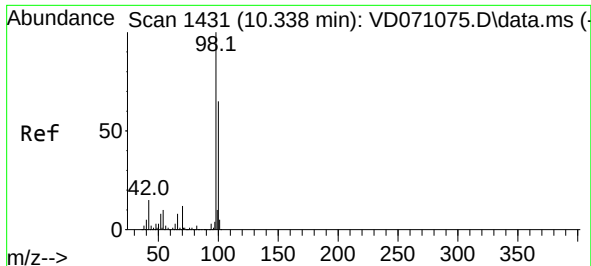
Ion Ratio Lower Upper

113 100

111 151.0 82.0 123.0#

192 0.0 15.2 22.8#

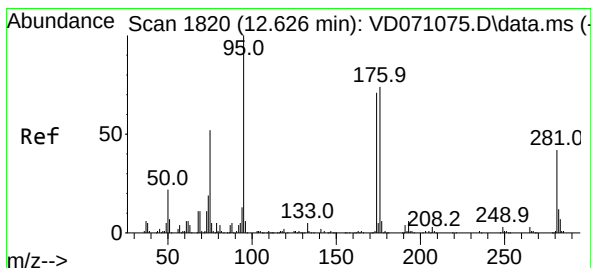
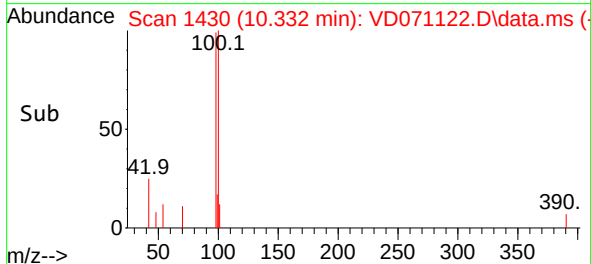
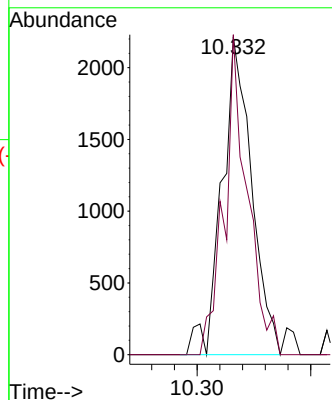
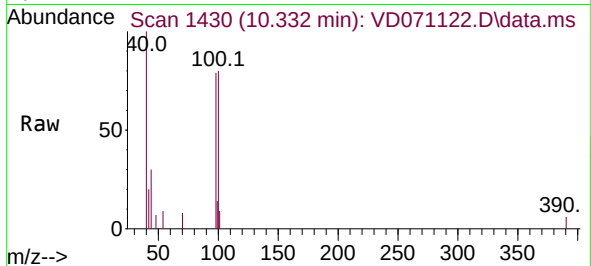




#50
Toluene-d8
Concen: 49.027 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071122.D
Acq: 02 Dec 2021 17:09

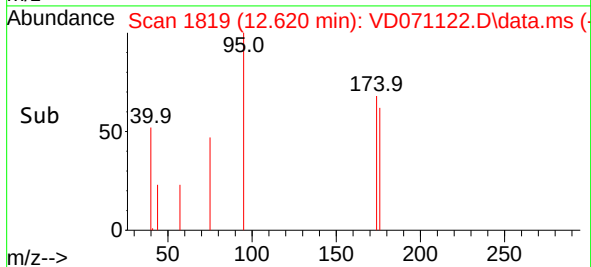
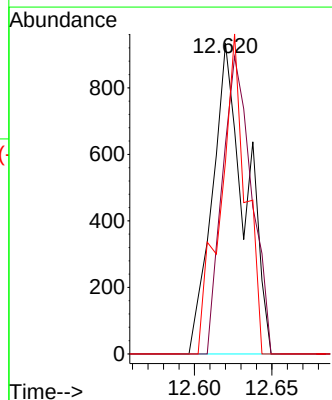
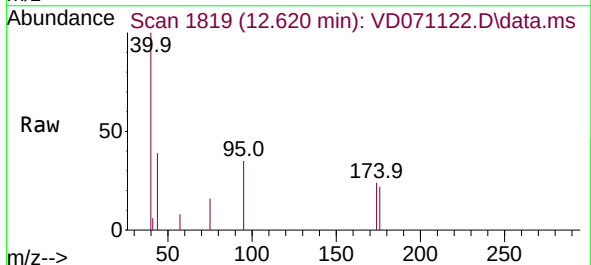
Instrument :
MSVOA_D
ClientSampleId :
EO-1-120121RE

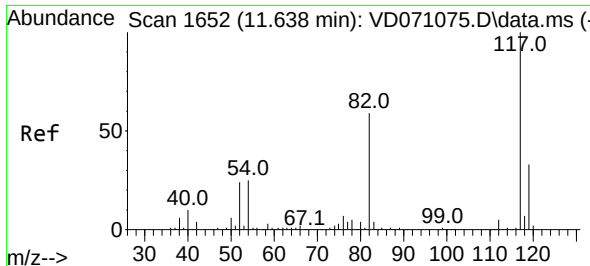
Tgt Ion: 98 Resp: 4024
Ion Ratio Lower Upper
98 100
100 78.5 51.8 77.6#



#62
4-Bromofluorobenzene
Concen: 48.539 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071122.D
Acq: 02 Dec 2021 17:09

Tgt Ion: 95 Resp: 1381
Ion Ratio Lower Upper
95 100
174 85.2 0.0 159.4
176 79.1 0.0 154.0

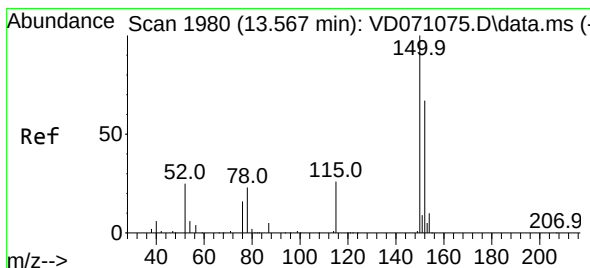
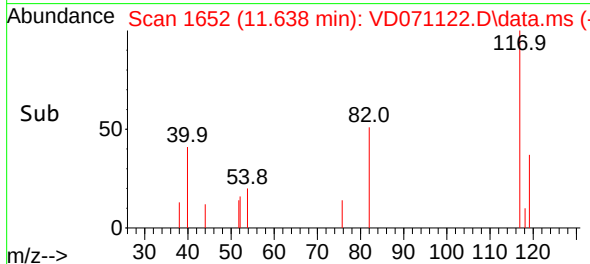
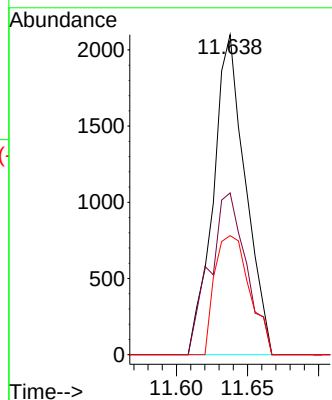
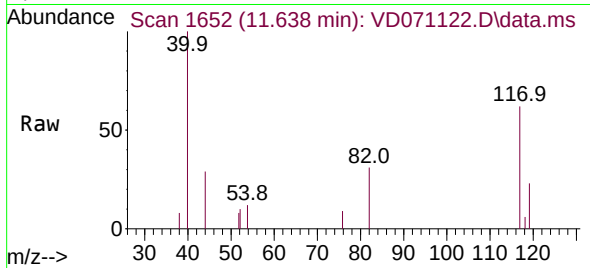




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071122.D
Acq: 02 Dec 2021 17:09

Instrument :
MSVOA_D
ClientSampleId :
EO-1-120121RE

Tgt Ion:117 Resp: 3303
Ion Ratio Lower Upper
117 100
82 50.6 44.7 67.1
119 37.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071122.D
Acq: 02 Dec 2021 17:09

Tgt Ion:152 Resp: 1206
Ion Ratio Lower Upper
152 100
115 33.2 29.8 89.3
150 150.2 0.0 349.2

