

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071999.D
 Acq On : 16 Feb 2022 18:47
 Operator : VA/SY
 Sample : N1564-04
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Feb 17 00:51:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	324201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	595554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220805	53.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.760%
35) Dibromofluoromethane	7.909	113	196707	48.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.338	98	779712	51.844	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.620	95	277697	52.875	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.740%

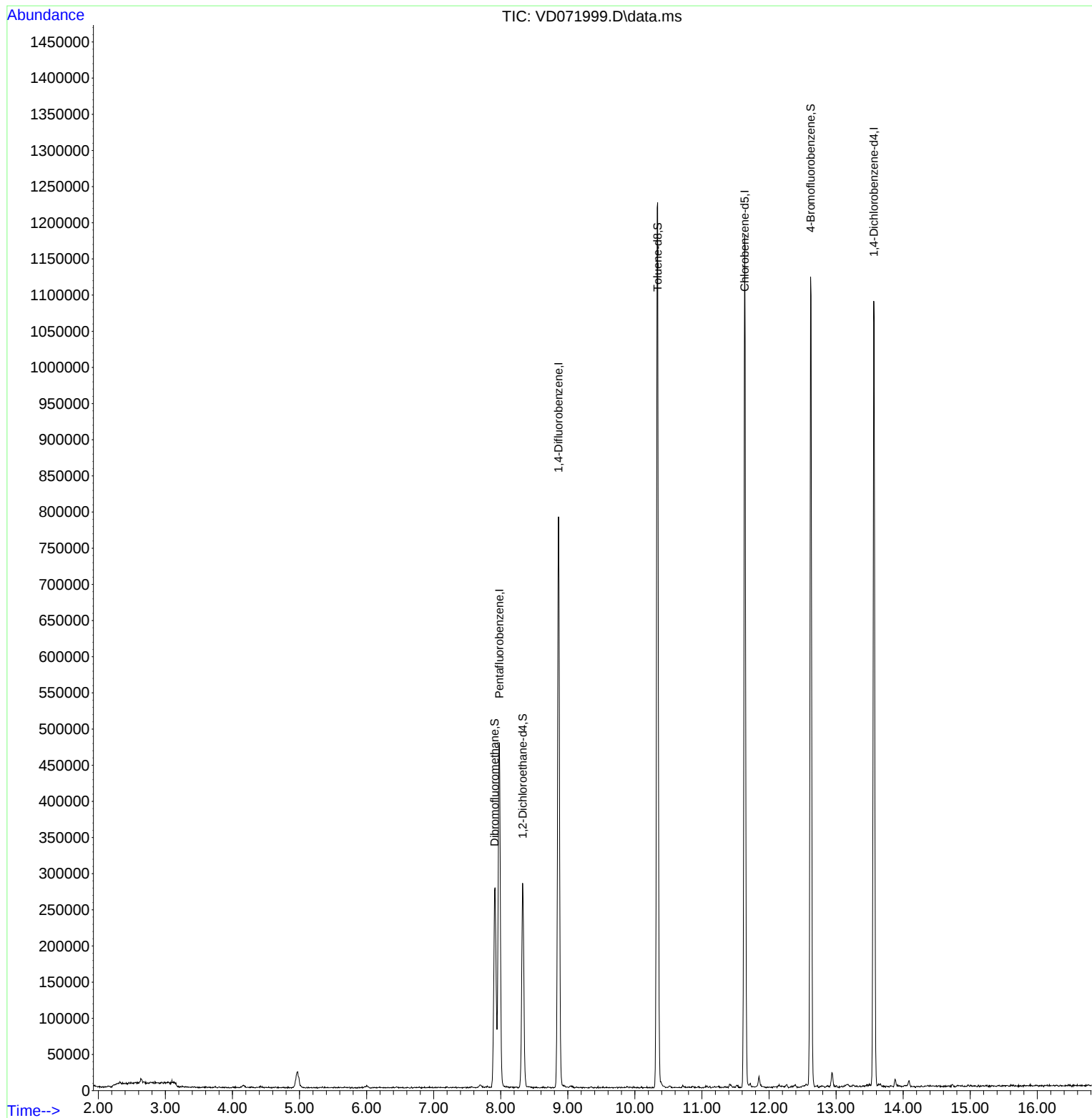
Target Compounds	Qvalue

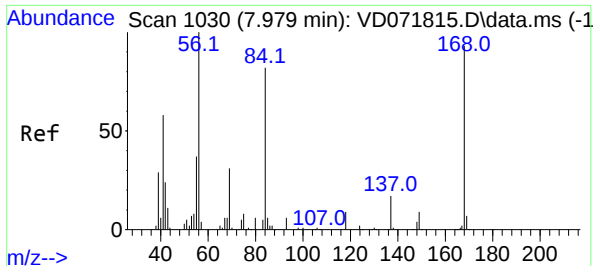
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
Data File : VD071999.D
Acq On : 16 Feb 2022 18:47
Operator : VA/SY
Sample : N1564-04
Misc : 6.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Quant Time: Feb 17 00:51:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071999.D

Acq: 16 Feb 2022 18:47

Instrument :

MSVOA_D

ClientSampleId :

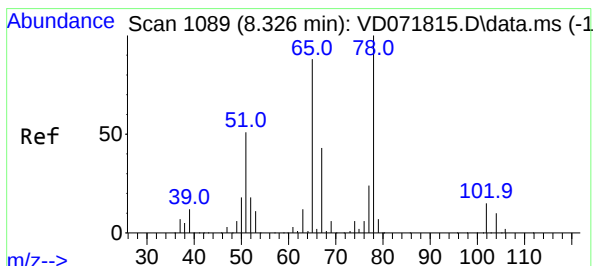
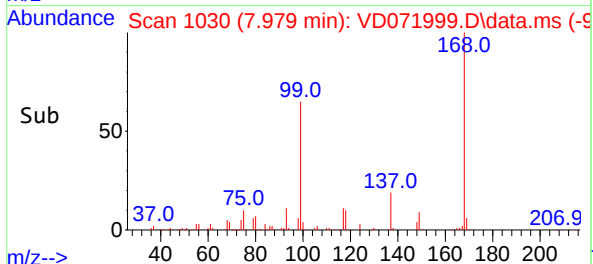
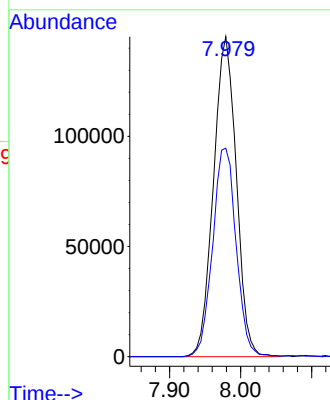
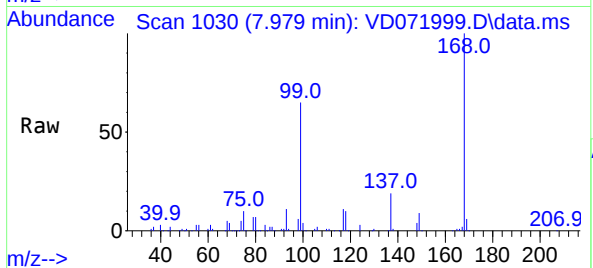
TP-3

Tgt Ion:168 Resp: 324201

Ion Ratio Lower Upper

168 100

99 65.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 53.885 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071999.D

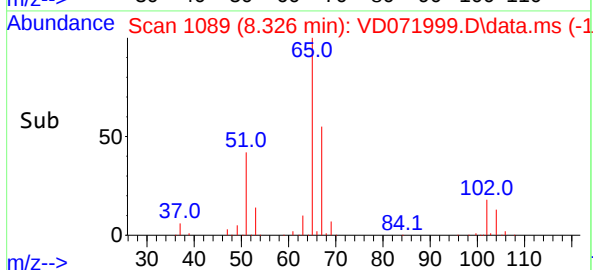
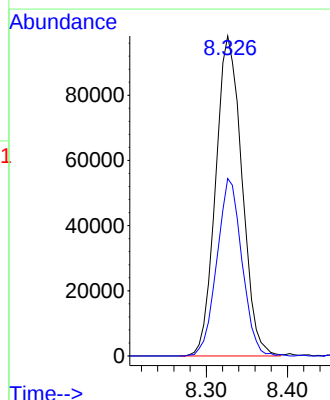
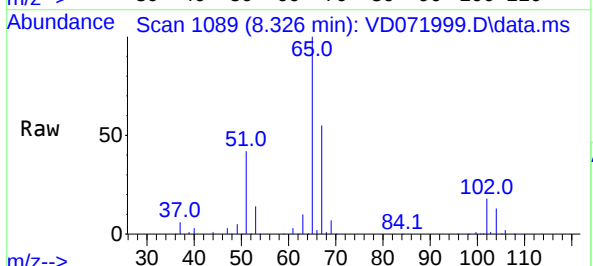
Acq: 16 Feb 2022 18:47

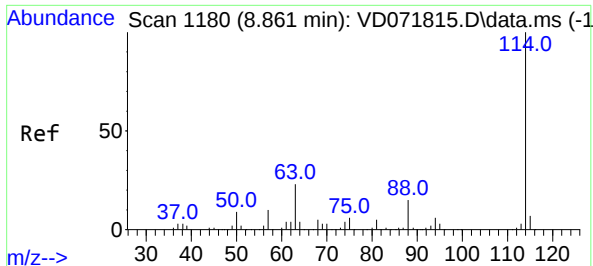
Tgt Ion: 65 Resp: 220805

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071999.D

Acq: 16 Feb 2022 18:47

Instrument :

MSVOA_D

ClientSampleId :

TP-3

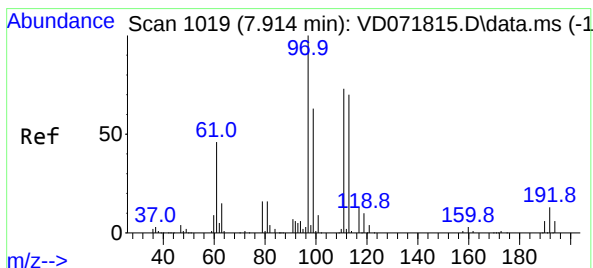
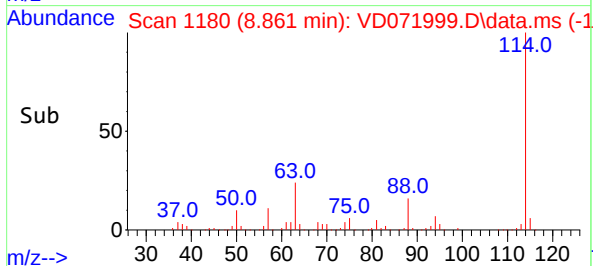
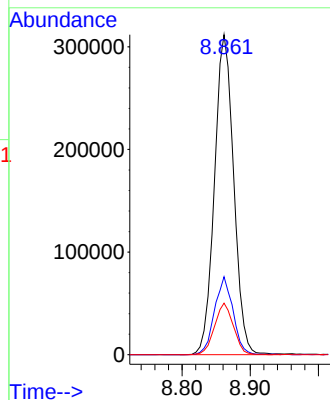
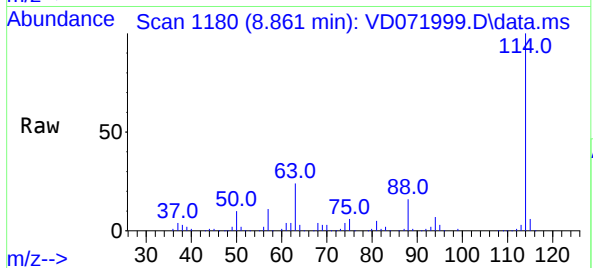
Tgt Ion:114 Resp: 612632

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.847 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071999.D

Acq: 16 Feb 2022 18:47

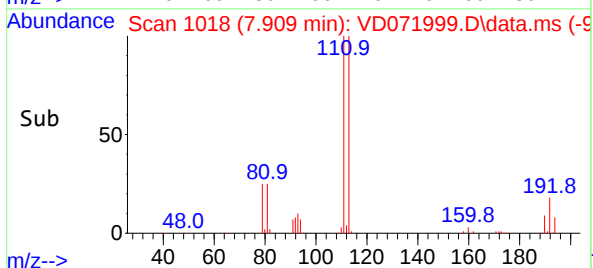
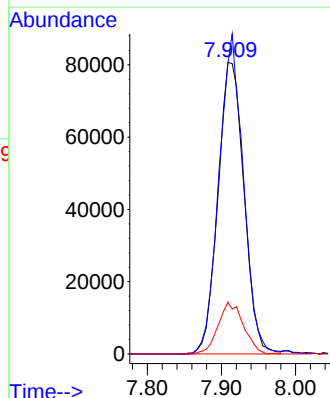
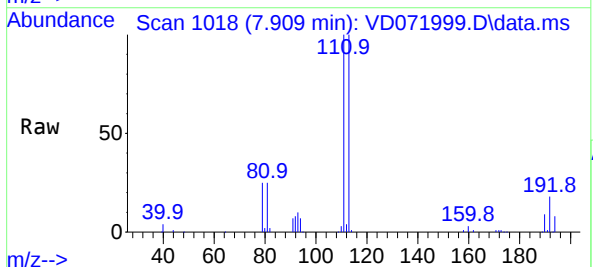
Tgt Ion:113 Resp: 196707

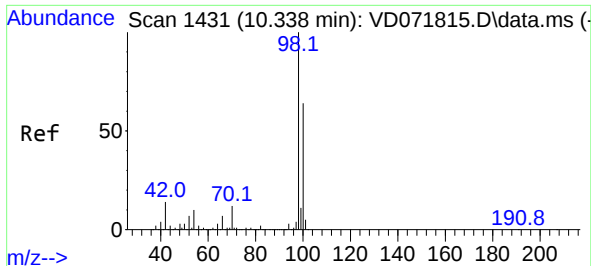
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.3 14.6 21.8

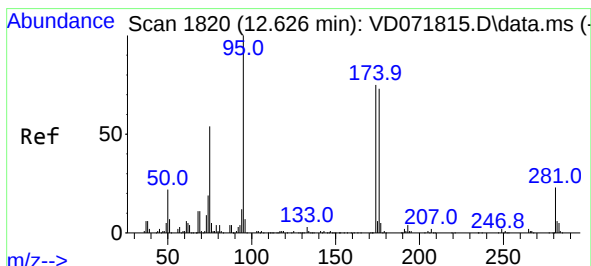
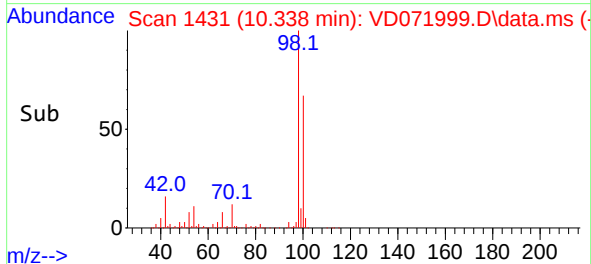
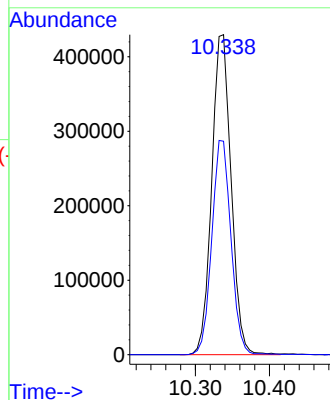
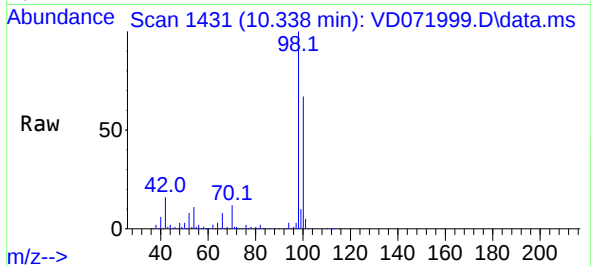




#50
Toluene-d8
Concen: 51.844 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071999.D
Acq: 16 Feb 2022 18:47

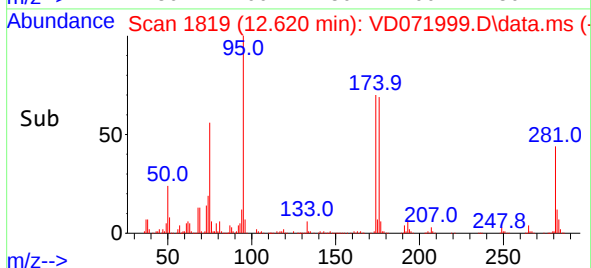
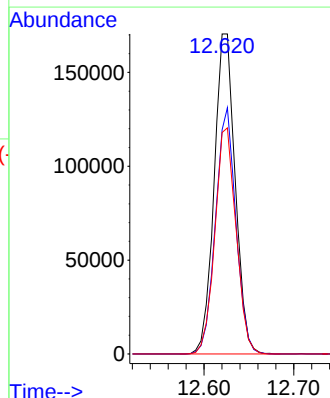
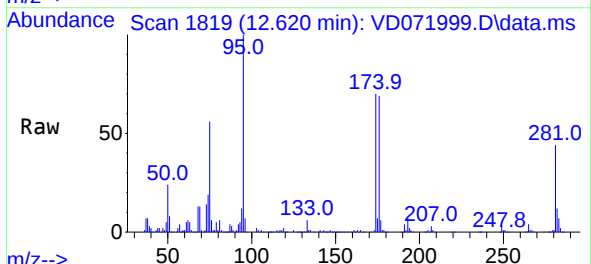
Instrument :
MSVOA_D
ClientSampleId :
TP-3

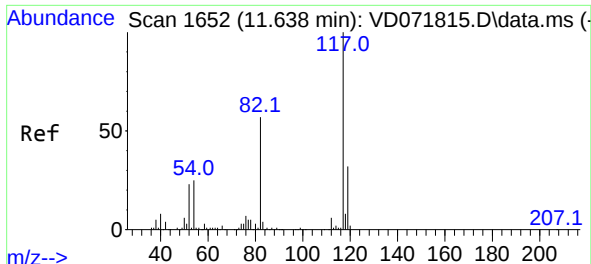
Tgt Ion: 98 Resp: 779712
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.875 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071999.D
Acq: 16 Feb 2022 18:47

Tgt Ion: 95 Resp: 277697
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 70.9 0.0 145.4

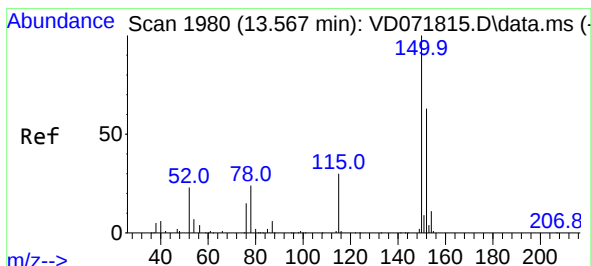
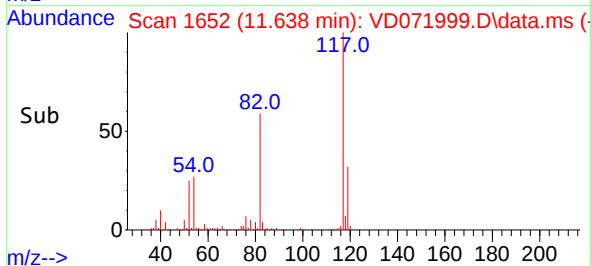
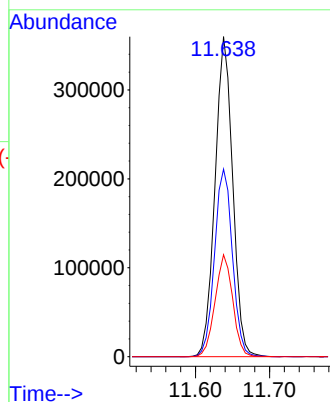
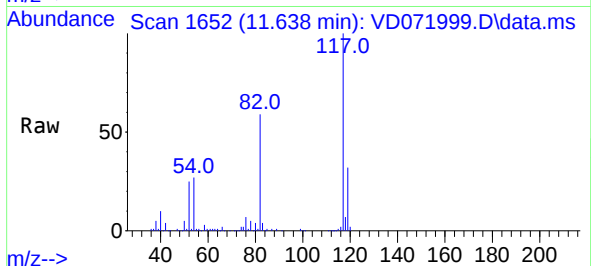




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071999.D
Acq: 16 Feb 2022 18:47

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:	117	Resp:	595554
Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.3	67.9
119	31.9	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071999.D
Acq: 16 Feb 2022 18:47

Tgt Ion:	152	Resp:	256451
Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.3	93.8
150	159.7	0.0	348.6

