

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071350.D
 Acq On : 15 Dec 2021 18:45
 Operator : VA/SY
 Sample : M5089-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-1

Quant Time: Dec 16 04:31:10 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	7.973	168	284104	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	491729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	293297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166965	50.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.180%
35) Dibromofluoromethane	7.914	113	160878	51.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.760%
50) Toluene-d8	10.332	98	656175	55.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.140%
62) 4-Bromofluorobenzene	12.620	95	304080	73.617	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	147.240%#

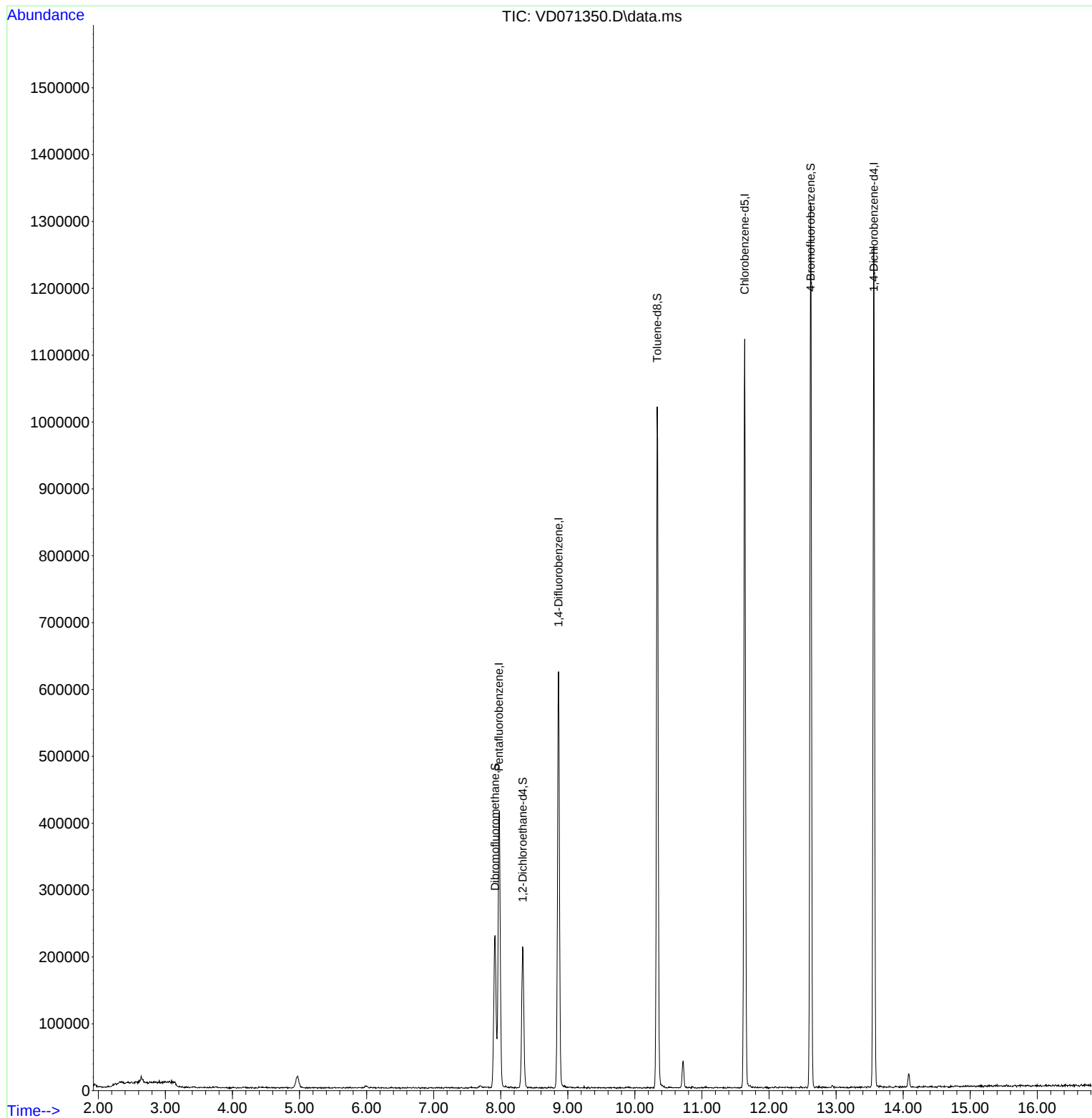
Target Compounds	Qvalue

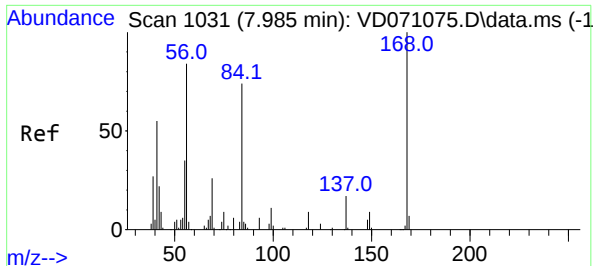
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
Data File : VD071350.D
Acq On : 15 Dec 2021 18:45
Operator : VA/SY
Sample : M5089-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MS-1

Quant Time: Dec 16 04:31:10 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





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071350.D

Acq: 15 Dec 2021 18:45

Instrument :

MSVOA_D

ClientSampleId :

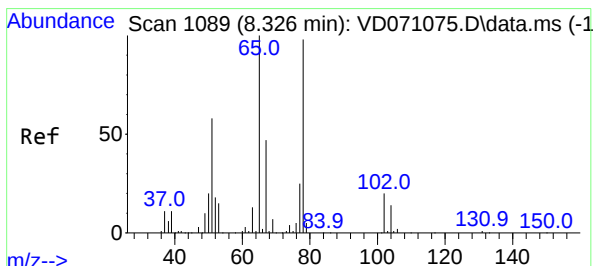
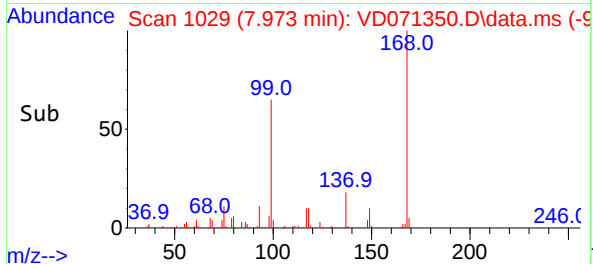
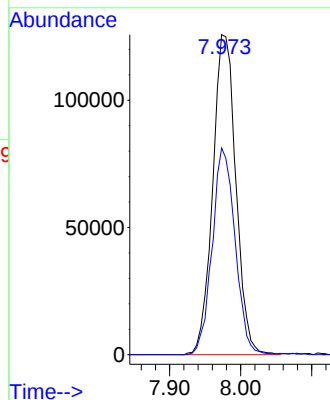
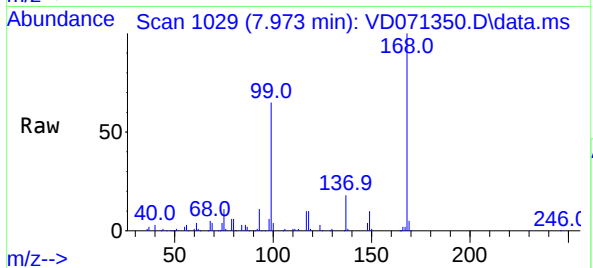
MS-1

Tgt Ion:168 Resp: 284104

Ion Ratio Lower Upper

168 100

99 64.6 46.6 69.8



1,2-Dichloroethane-d4

Concen: 50.085 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071350.D

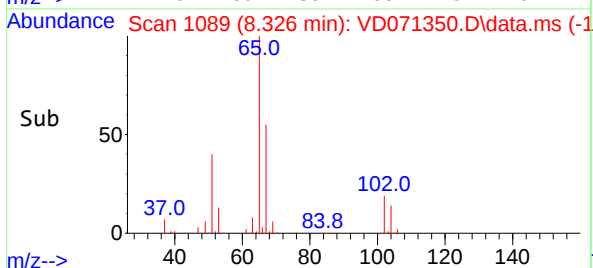
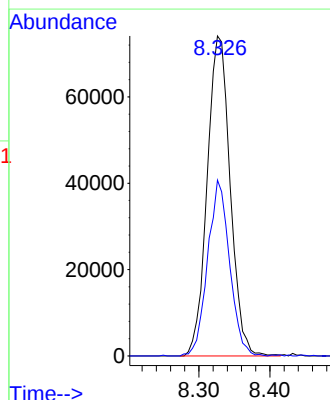
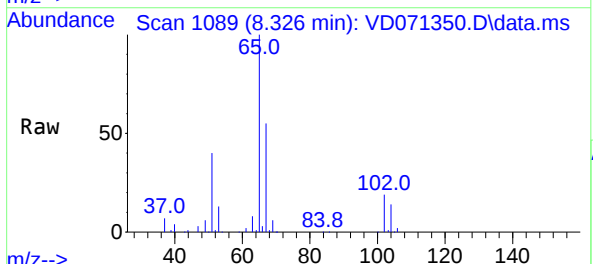
Acq: 15 Dec 2021 18:45

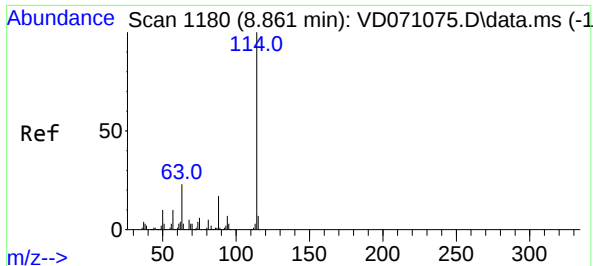
Tgt Ion: 65 Resp: 166965

Ion Ratio Lower Upper

65 100

67 52.2 0.0 112.2



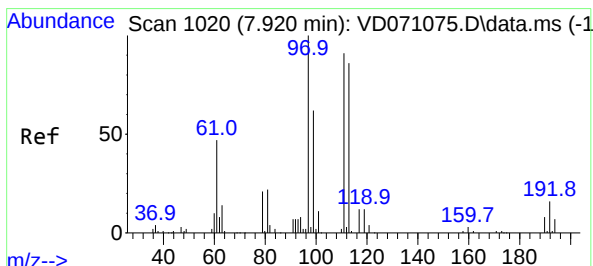
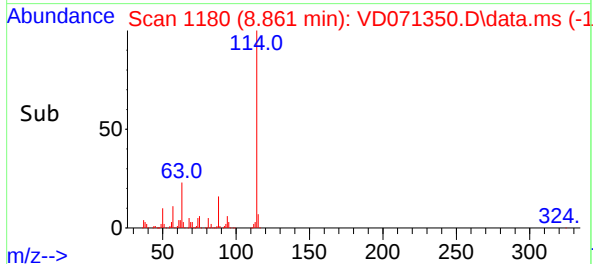
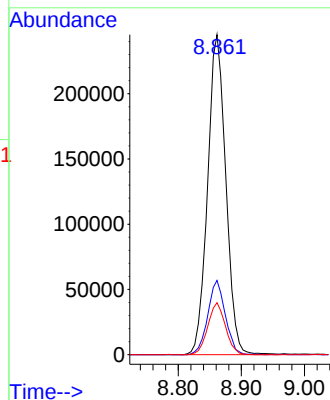
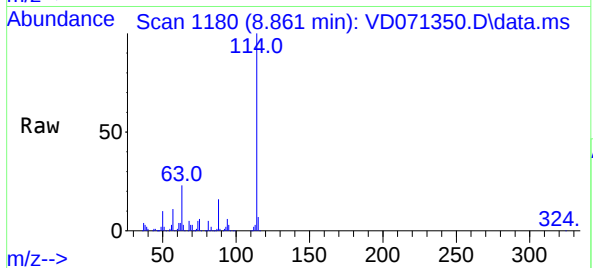


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071350.D
Acq: 15 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :
MS-1

Tgt Ion:114 Resp: 491729

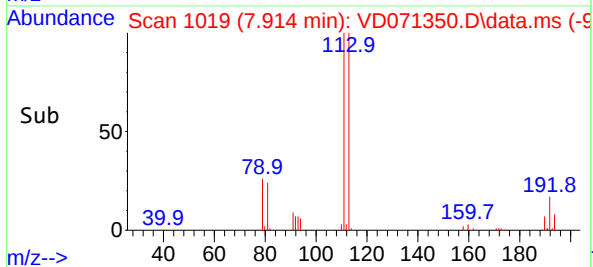
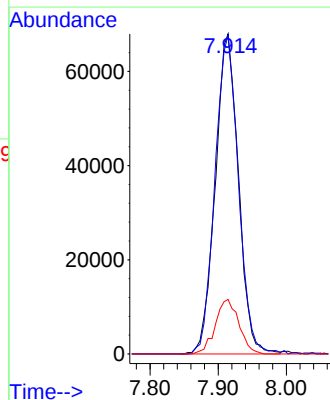
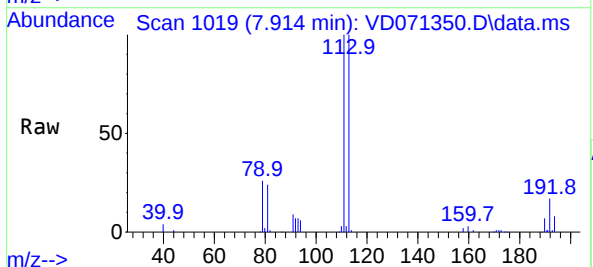
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	41.8
88	16.3	0.0	32.8

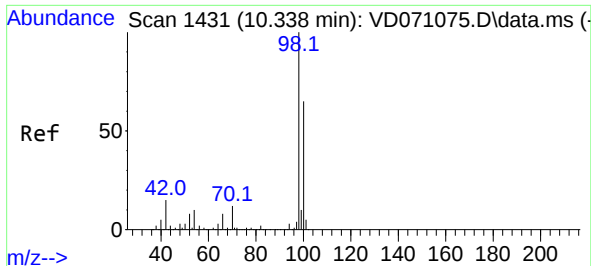


#35
Dibromofluoromethane
Concen: 51.378 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071350.D
Acq: 15 Dec 2021 18:45

Tgt Ion:113 Resp: 160878

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.0	123.0
192	17.3	15.2	22.8

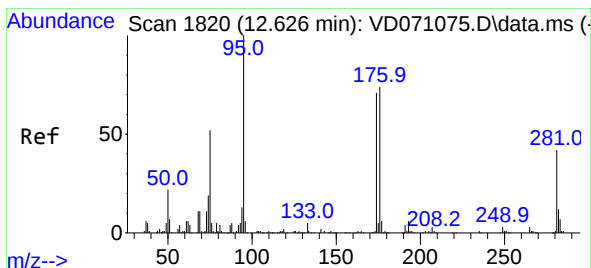
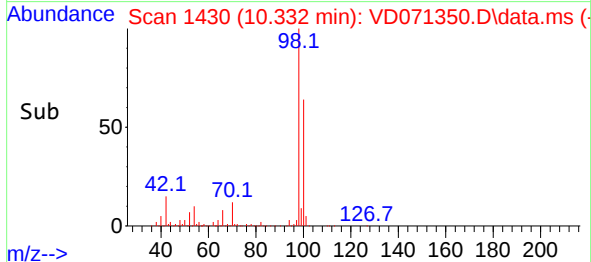
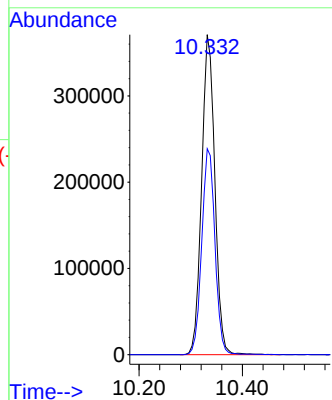
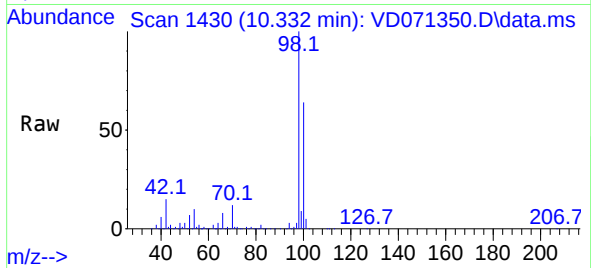




#50
Toluene-d8
Concen: 55.066 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071350.D
Acq: 15 Dec 2021 18:45

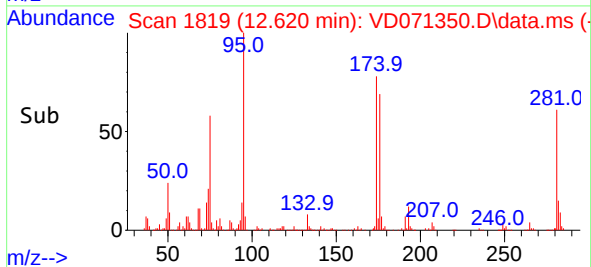
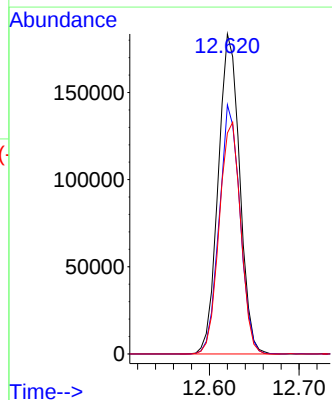
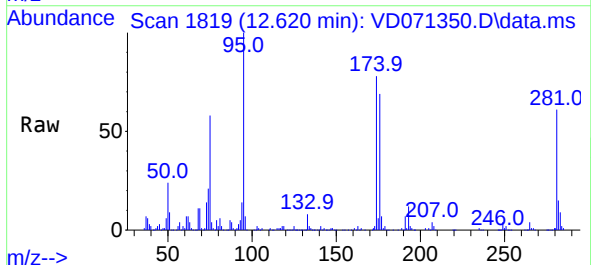
Instrument :
MSVOA_D
ClientSampleId :
MS-1

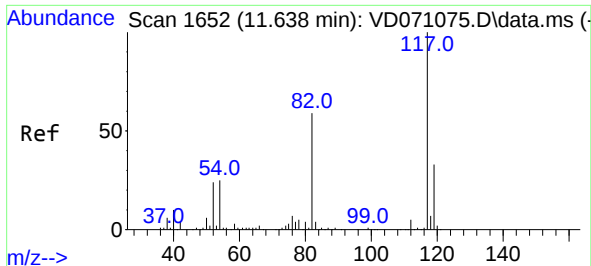
Tgt Ion: 98 Resp: 656175
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 73.617 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071350.D
Acq: 15 Dec 2021 18:45

Tgt Ion: 95 Resp: 304080
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.4
176 72.6 0.0 154.0

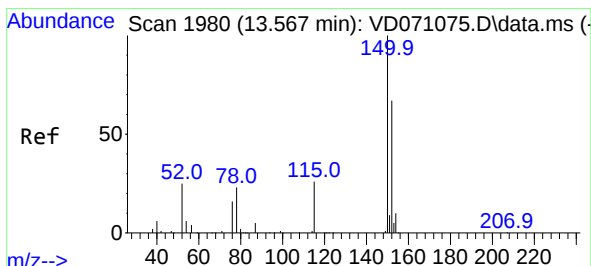
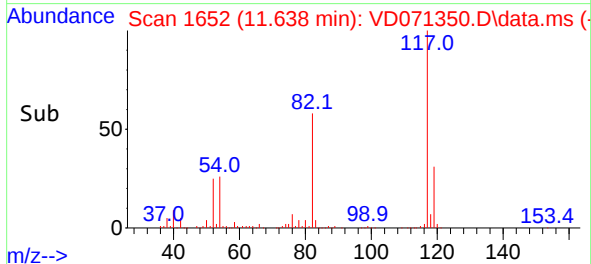
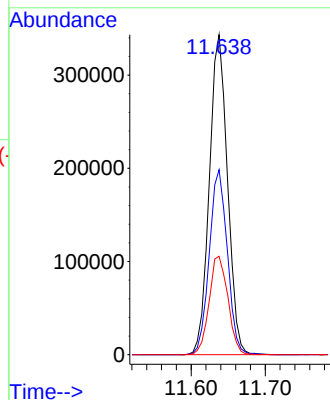
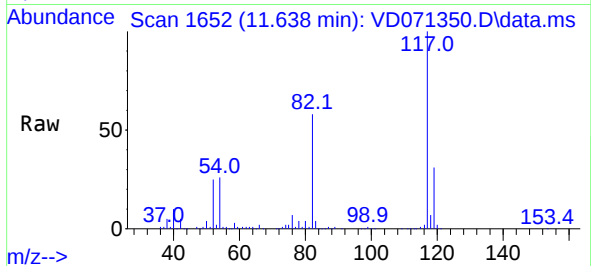




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071350.D
Acq: 15 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :
MS-1

Tgt Ion:117 Resp: 584227
Ion Ratio Lower Upper
117 100
82 57.8 44.7 67.1
119 30.7 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: VD071350.D
Acq: 15 Dec 2021 18:45

Tgt Ion:152 Resp: 293297
Ion Ratio Lower Upper
152 100
115 62.0 29.8 89.3
150 160.4 0.0 349.2

