

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070672.D
 Acq On : 12 Oct 2021 11:48
 Operator : VA/SY
 Sample : VD1012SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBL01

Quant Time: Oct 13 06:34:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	373583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	736638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	697347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289660	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237463	54.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.02%
35) Dibromofluoromethane	7.914	113	251403	51.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.66%
50) Toluene-d8	10.332	98	934428	49.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.82%
62) 4-Bromofluorobenzene	12.626	95	290720	46.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.92%

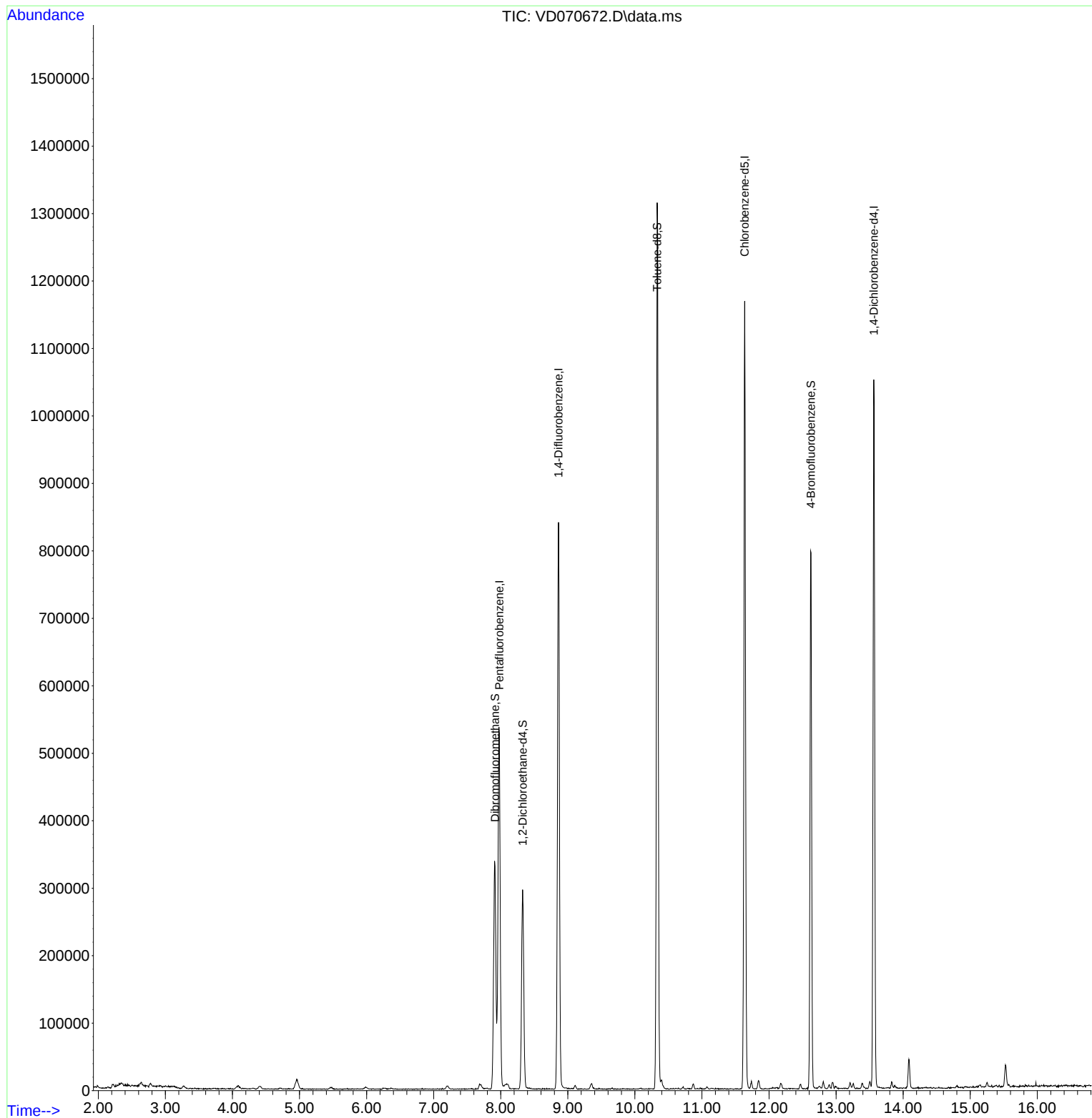
Target Compounds	Qvalue

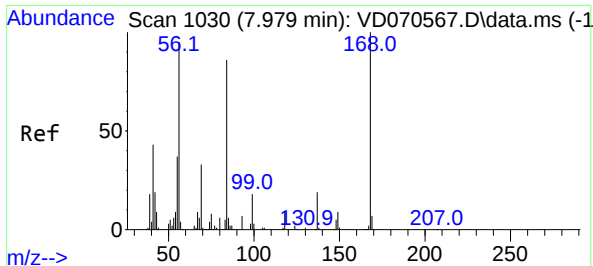
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070672.D
Acq On : 12 Oct 2021 11:48
Operator : VA/SY
Sample : VD1012SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

Quant Time: Oct 13 06:34:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

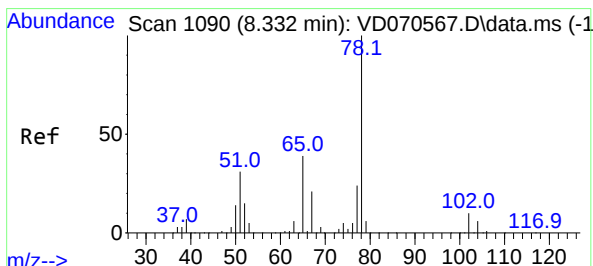
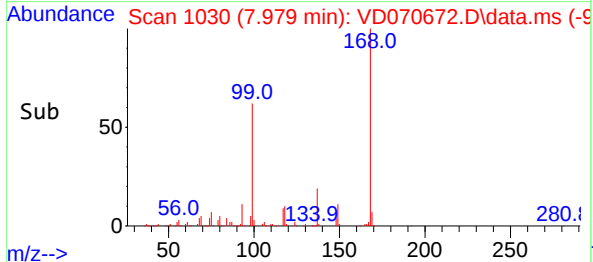
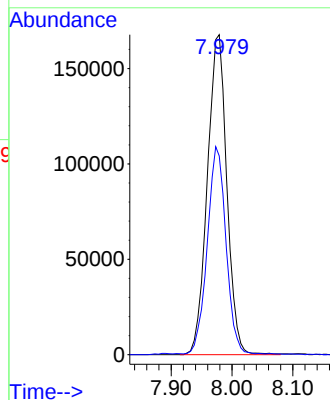
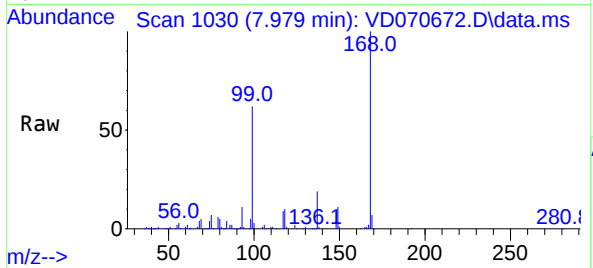




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070672.D
 Acq: 12 Oct 2021 11:48

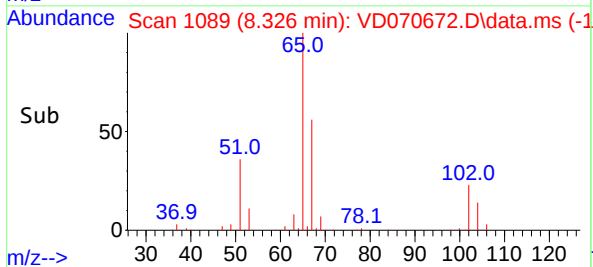
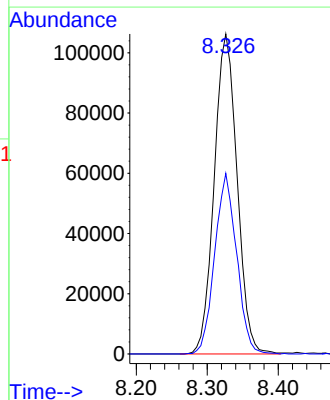
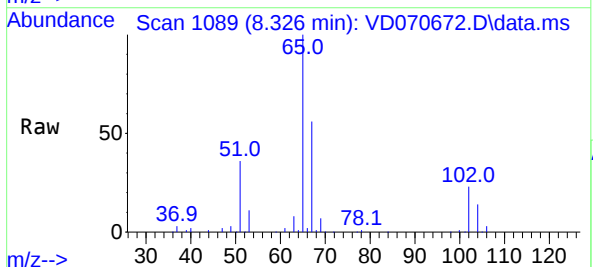
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBL01

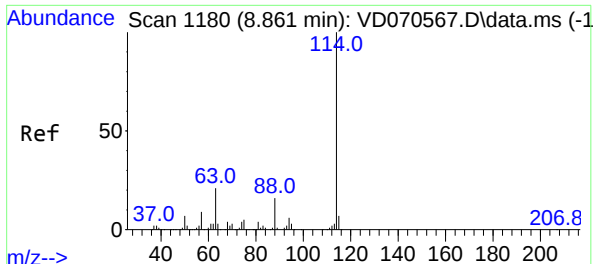
Tgt Ion:168 Resp: 373583
 Ion Ratio Lower Upper
 168 100
 99 61.8 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 54.01 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD070672.D
 Acq: 12 Oct 2021 11:48

Tgt Ion: 65 Resp: 237463
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.2



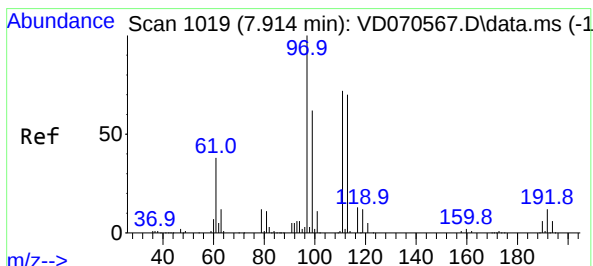
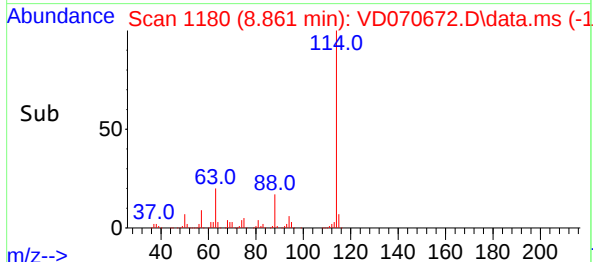
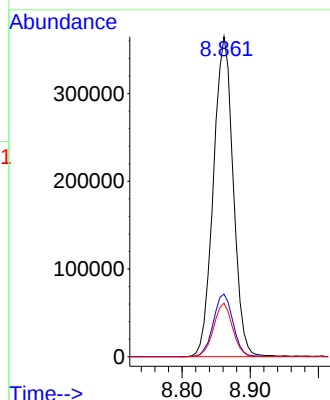
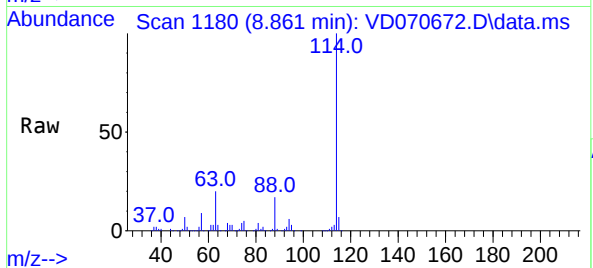


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

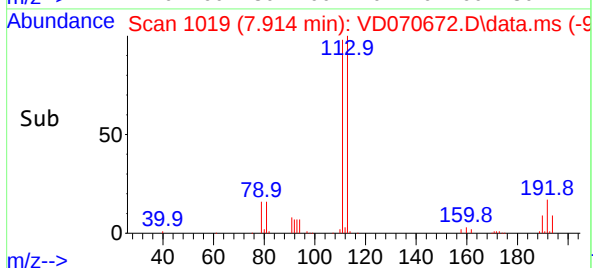
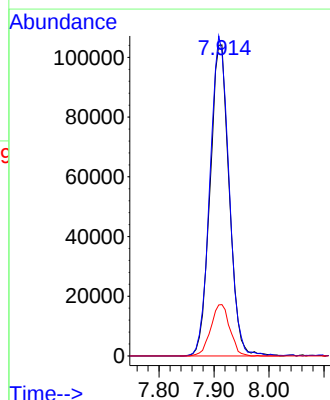
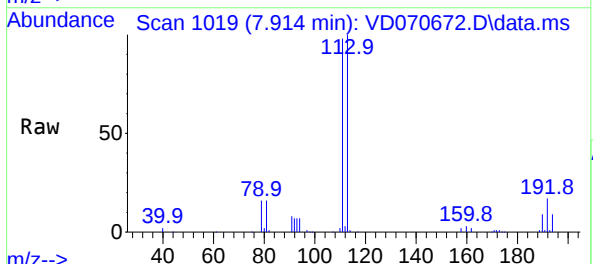
Tgt Ion:114 Resp: 736638
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.8
88 16.7 0.0 32.6

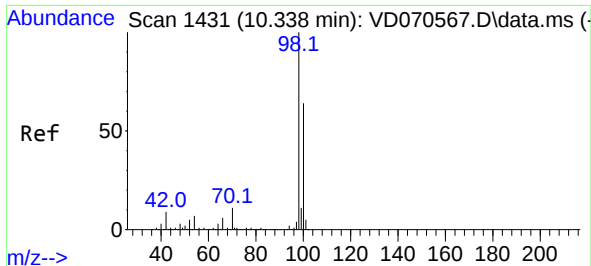


#35

Dibromofluoromethane
Concen: 51.33 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Tgt Ion:113 Resp: 251403
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.5 12.7 19.1

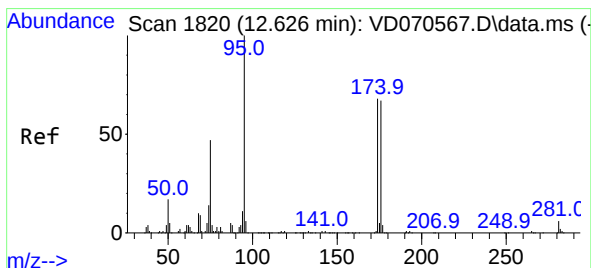
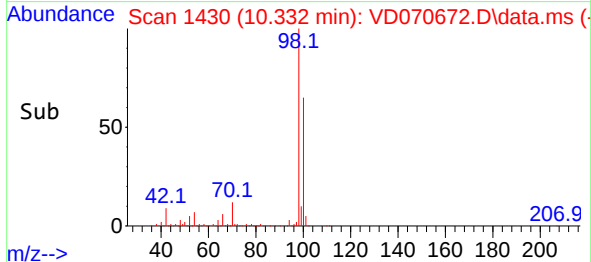
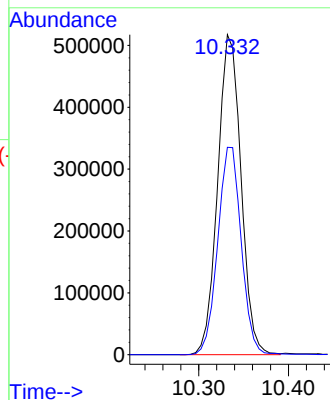
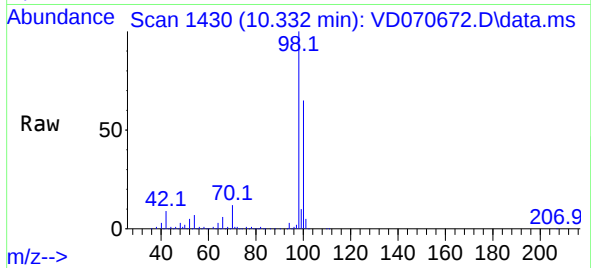




#50
Toluene-d8
Concen: 49.91 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

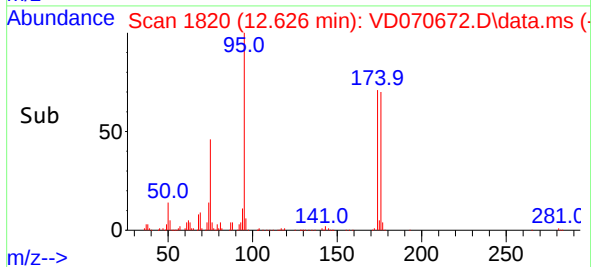
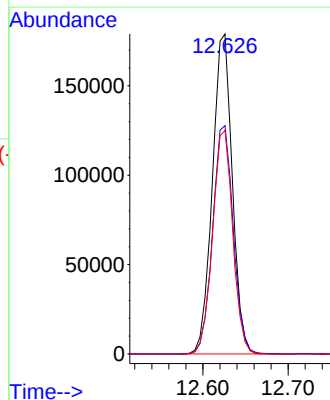
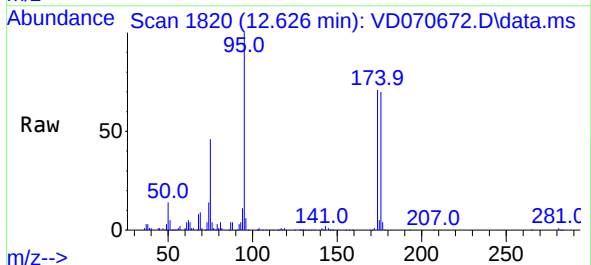
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

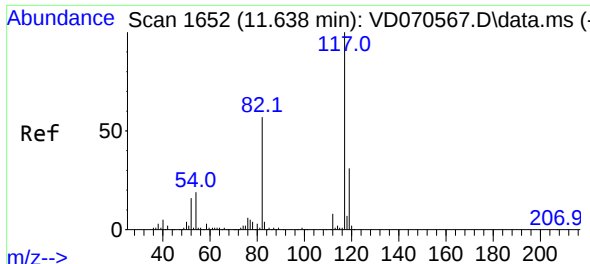
Tgt Ion: 98 Resp: 934428
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.46 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Tgt Ion: 95 Resp: 290720
Ion Ratio Lower Upper
95 100
174 74.0 0.0 138.0
176 70.6 0.0 135.6

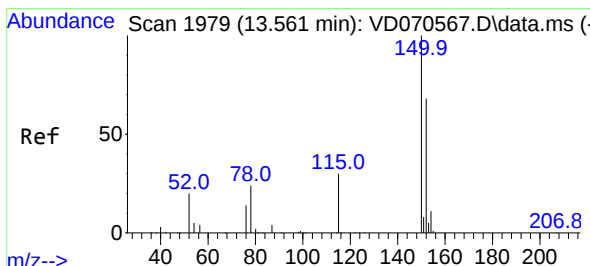
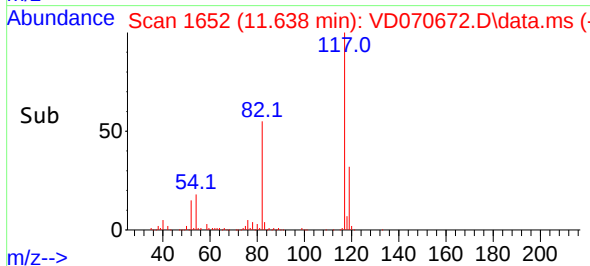
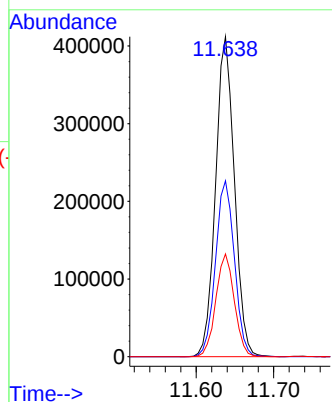
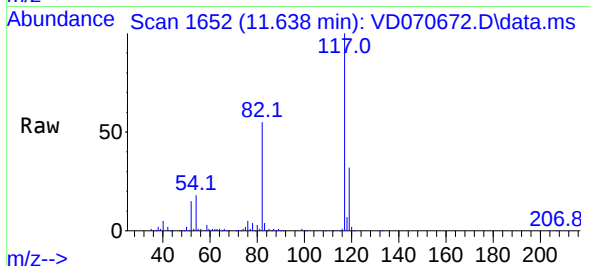




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

Tgt Ion:117 Resp: 697347
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 32.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Tgt Ion:152 Resp: 289660
Ion Ratio Lower Upper
152 100
115 63.8 31.9 95.7
150 157.5 0.0 350.0

