

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072686.D
 Acq On : 22 Apr 2022 11:28
 Operator : VA/SY
 Sample : VD0422SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0422SBL01

Quant Time: Apr 22 23:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	538538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	954286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	901255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	403866	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	289225	44.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.800%
35) Dibromofluoromethane	7.914	113	300450	40.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.020%
50) Toluene-d8	10.332	98	1158770	44.950	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.900%
62) 4-Bromofluorobenzene	12.620	95	396125	39.346	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.700%

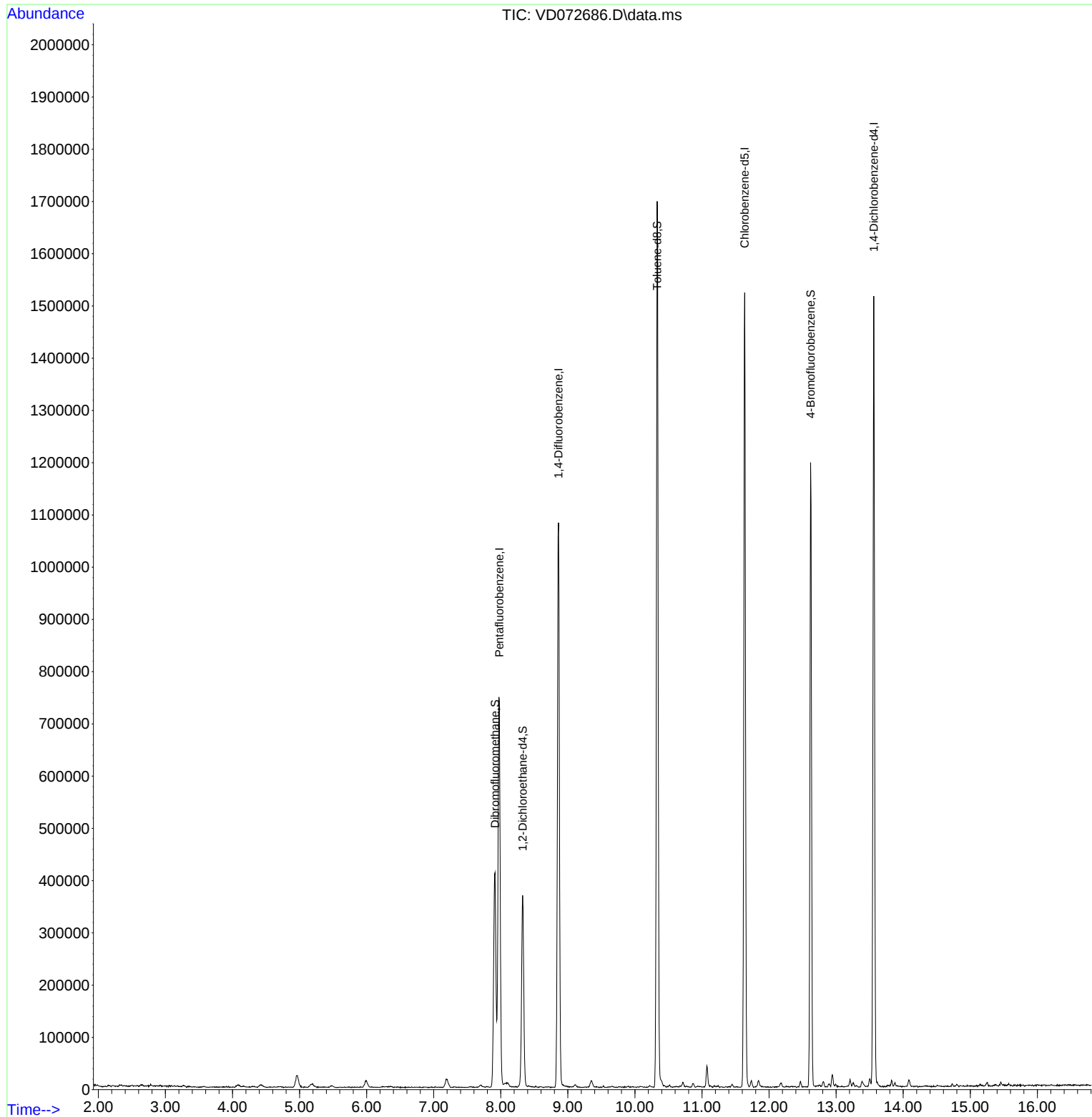
Target Compounds	Qvalue

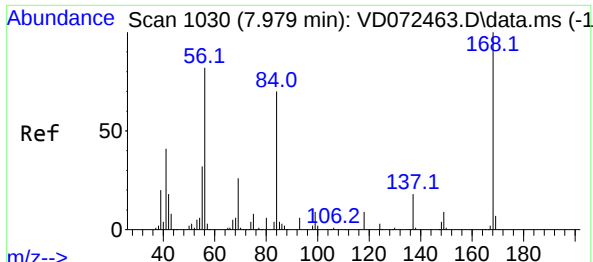
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
Data File : VD072686.D
Acq On : 22 Apr 2022 11:28
Operator : VA/SY
Sample : VD0422SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

Quant Time: Apr 22 23:43:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

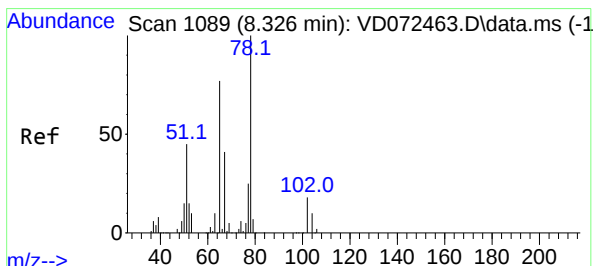
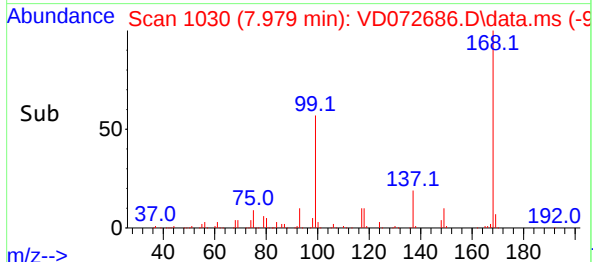
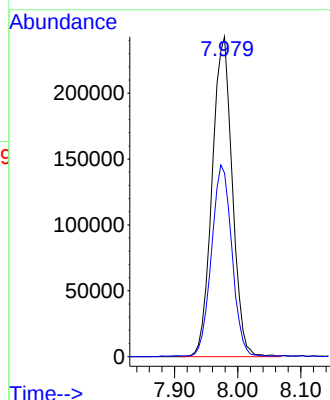
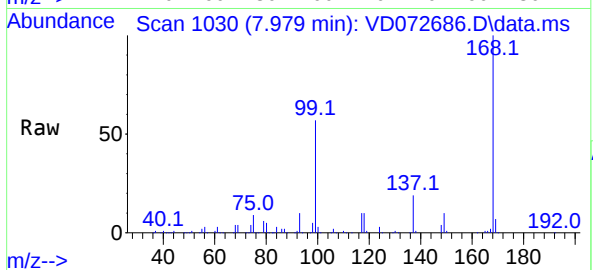




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072686.D
Acq: 22 Apr 2022 11:28

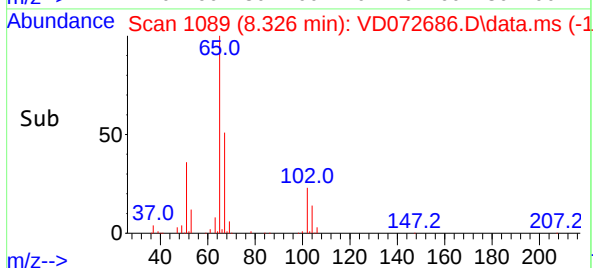
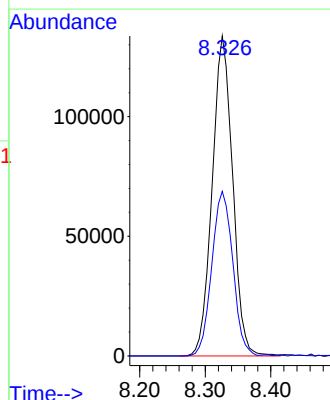
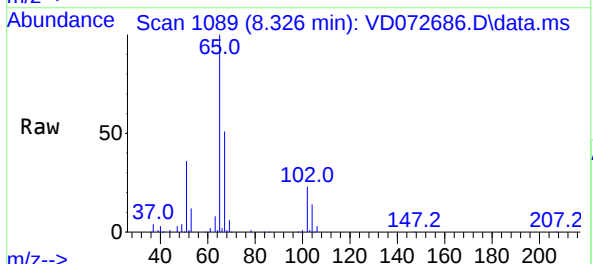
Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

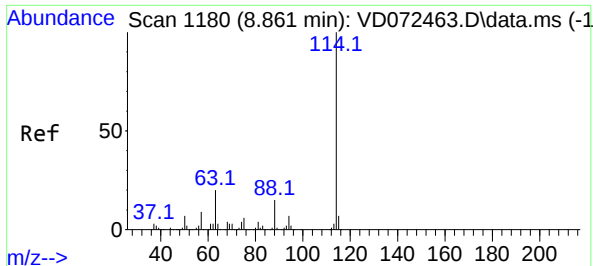
Tgt Ion:168 Resp: 538538
Ion Ratio Lower Upper
168 100
99 57.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.396 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072686.D
Acq: 22 Apr 2022 11:28

Tgt Ion: 65 Resp: 289225
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: VD072686.D

Acq: 22 Apr 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0422SBL01

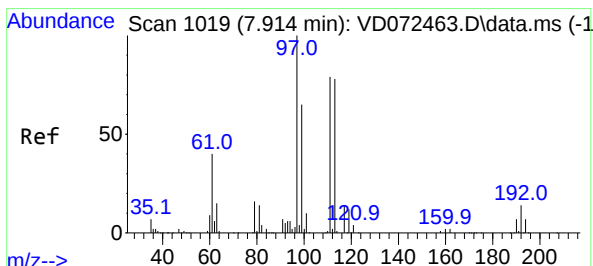
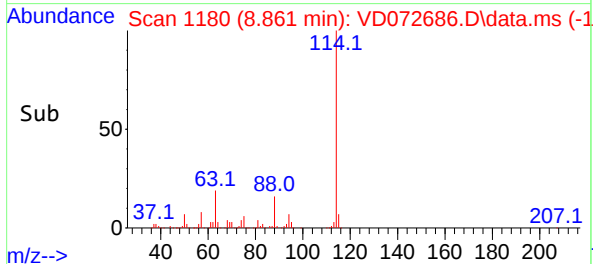
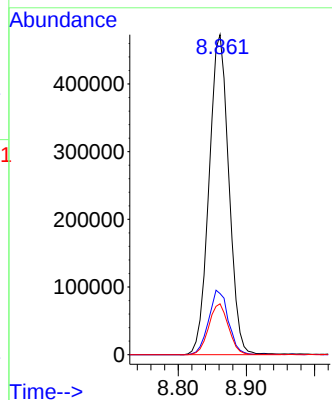
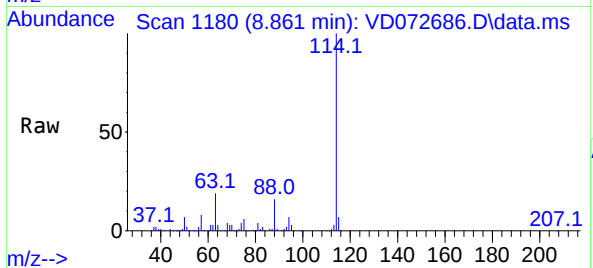
Tgt Ion:114 Resp: 954286

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 40.513 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD072686.D

Acq: 22 Apr 2022 11:28

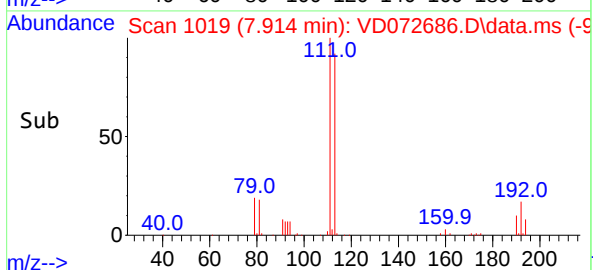
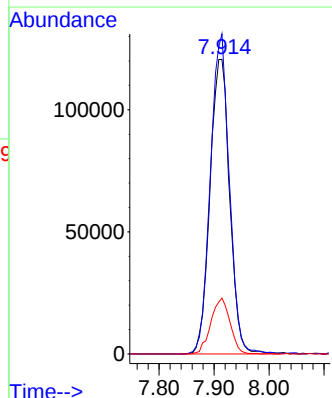
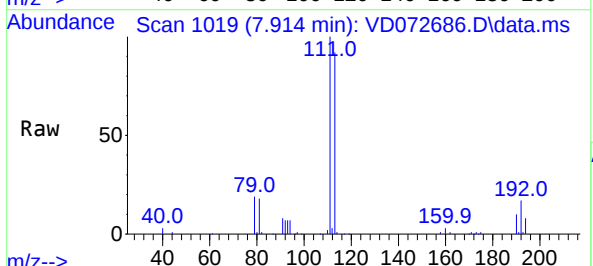
Tgt Ion:113 Resp: 300450

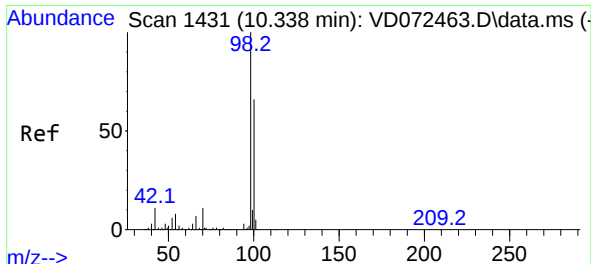
Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 18.5 14.6 21.8

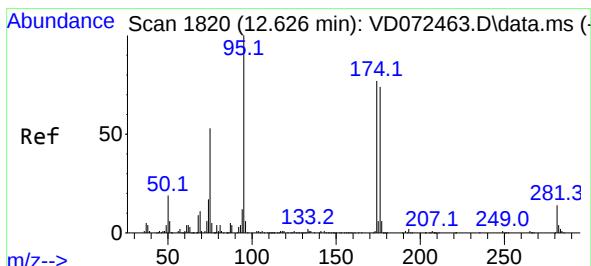
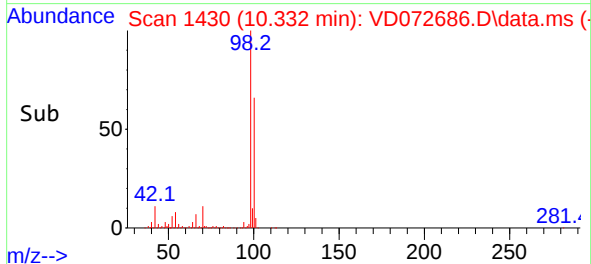
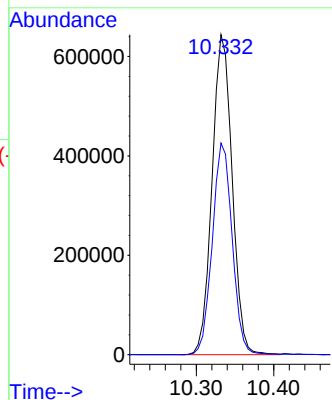
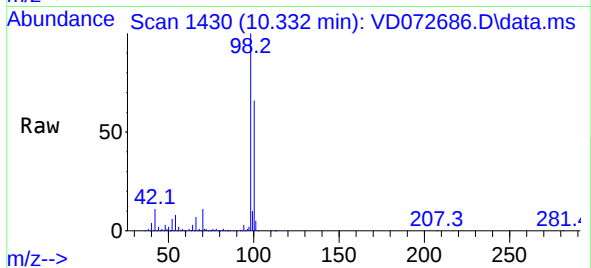




#50
Toluene-d8
Concen: 44.950 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072686.D
Acq: 22 Apr 2022 11:28

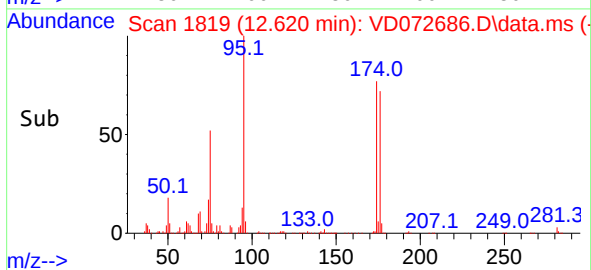
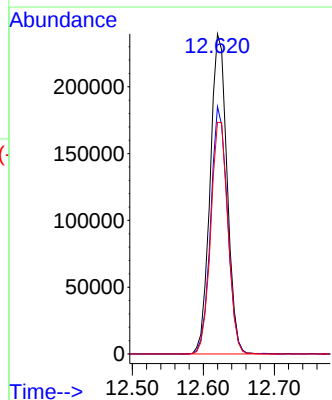
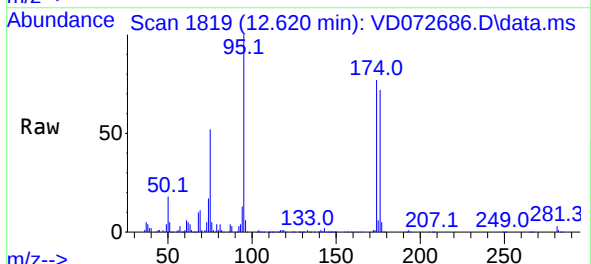
Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

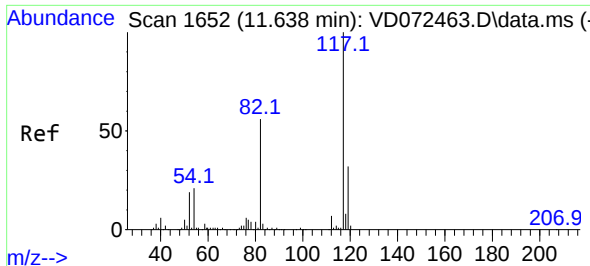
Tgt Ion: 98 Resp: 1158770
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.346 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072686.D
Acq: 22 Apr 2022 11:28

Tgt Ion: 95 Resp: 396125
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 73.2 0.0 145.4

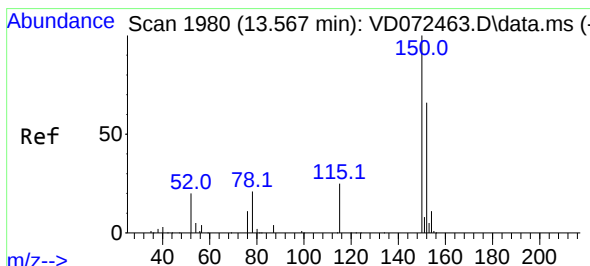
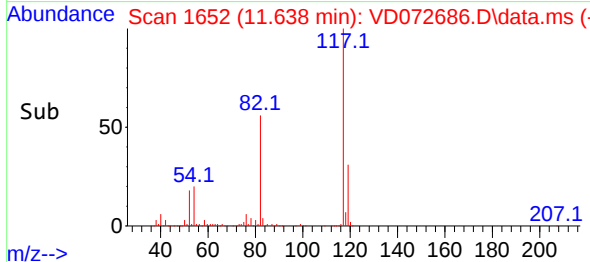
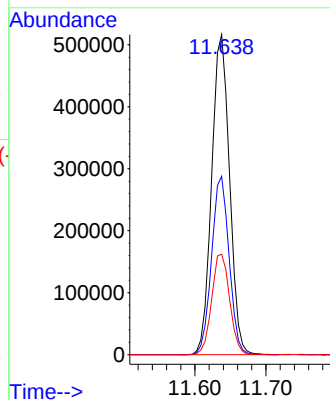
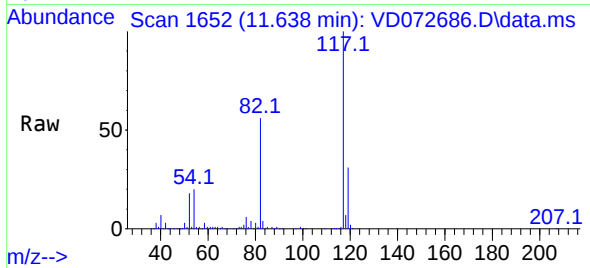




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072686.D
Acq: 22 Apr 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

Tgt Ion:117 Resp: 901255
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 31.4 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: VD072686.D
Acq: 22 Apr 2022 11:28

Tgt Ion:152 Resp: 403866
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 155.1 0.0 348.6

