

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072068.D
 Acq On : 23 Feb 2022 10:50
 Operator : VA/SY
 Sample : VD0223SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBL01

Quant Time: Feb 24 06:45:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

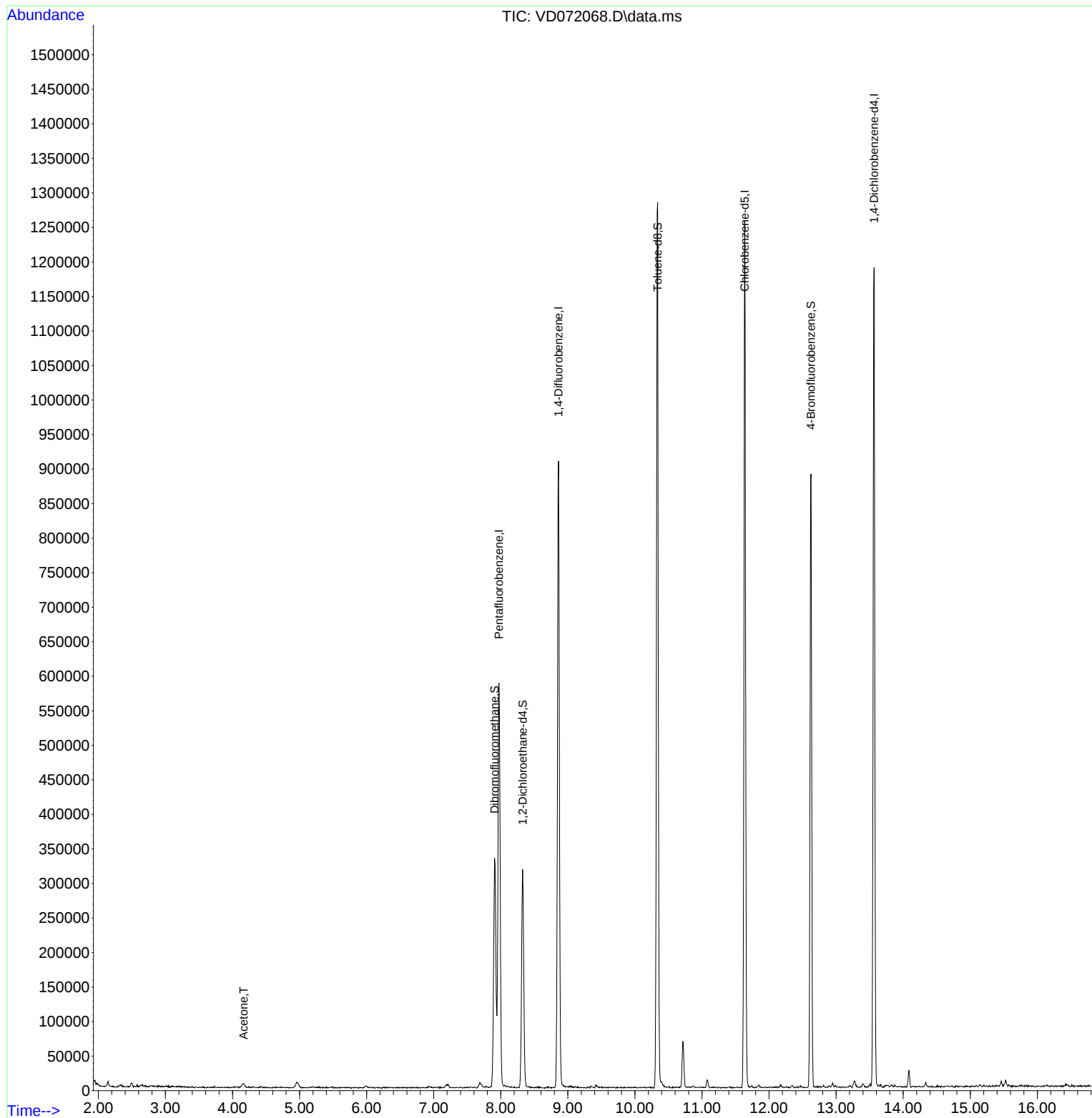
Internal Standards						
1) Pentafluorobenzene	7.973	168	437876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	755682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	695231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	320219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	257285	56.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.280%
35) Dibromofluoromethane	7.908	113	241141	52.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.338	98	882340	51.967	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.940%
62) 4-Bromofluorobenzene	12.626	95	300111	48.119	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.240%
Target Compounds						
16) Acetone	4.167	43	11389	11.602	ug/l	Qvalue 98

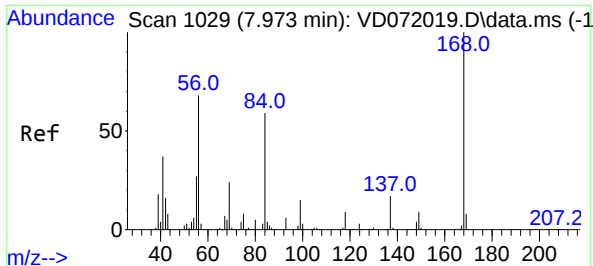
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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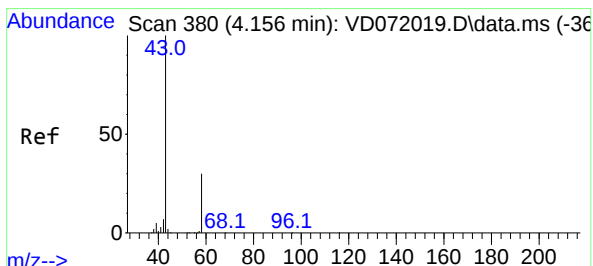
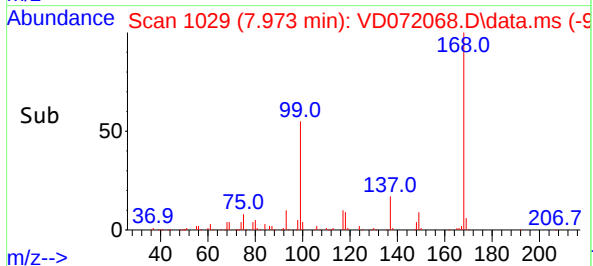
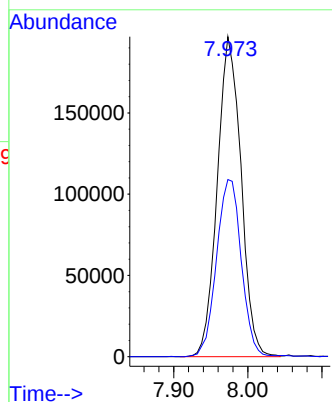
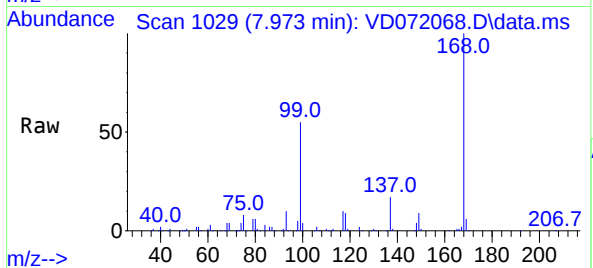




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072068.D
Acq: 23 Feb 2022 10:50

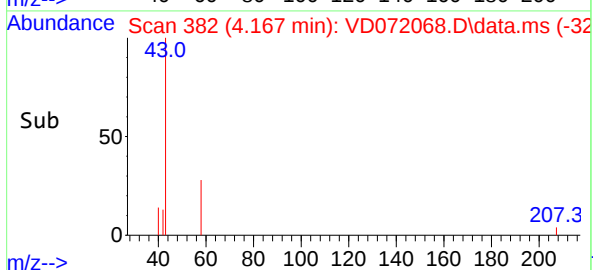
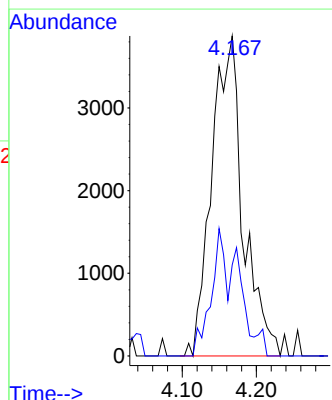
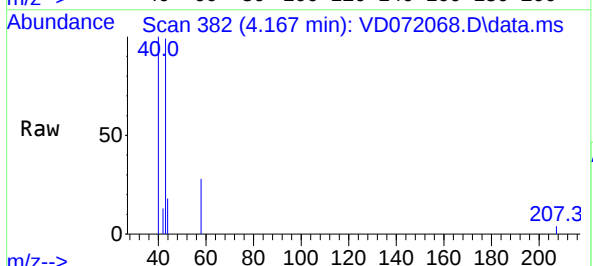
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBL01

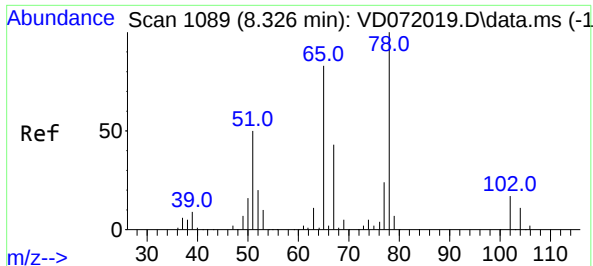
Tgt Ion:168 Resp: 437876
Ion Ratio Lower Upper
168 100
99 55.4 47.1 70.7



#16
Acetone
Concen: 11.602 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD072068.D
Acq: 23 Feb 2022 10:50

Tgt Ion: 43 Resp: 11389
Ion Ratio Lower Upper
43 100
58 28.5 23.8 35.6

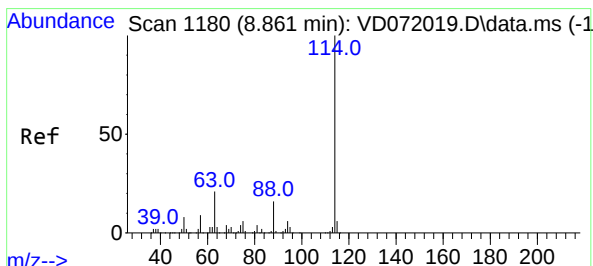
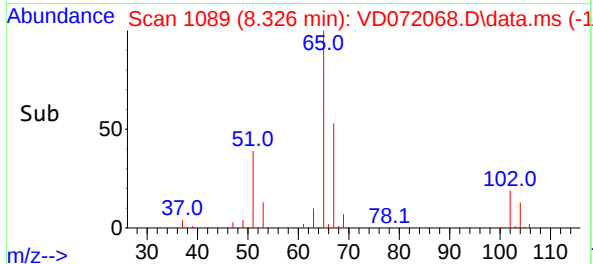
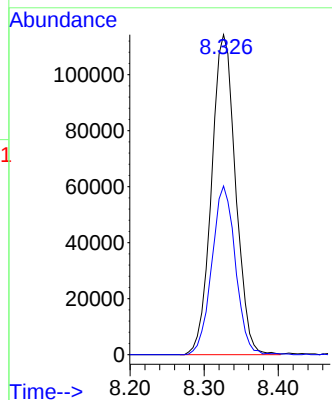
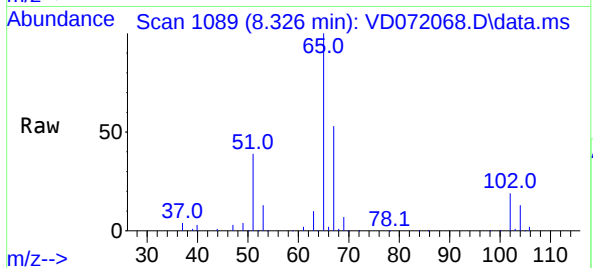




#33
1,2-Dichloroethane-d4
Concen: 56.645 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072068.D
Acq: 23 Feb 2022 10:50

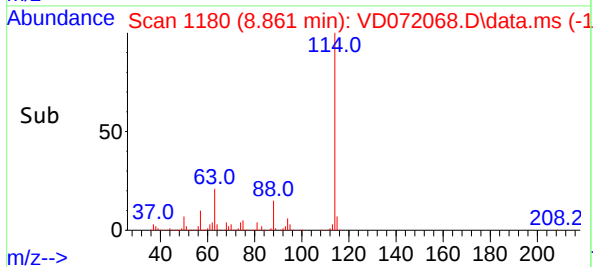
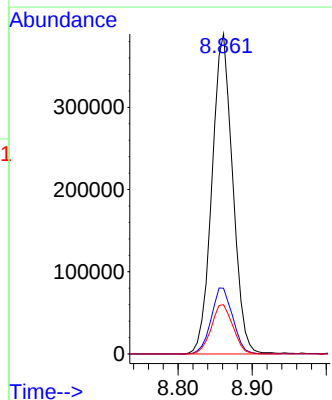
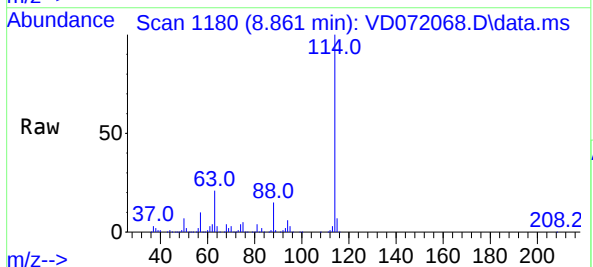
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBL01

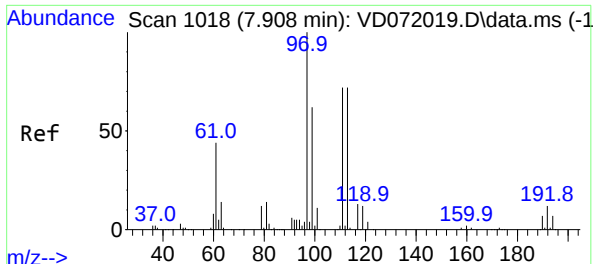
Tgt Ion: 65 Resp: 257285
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072068.D
Acq: 23 Feb 2022 10:50

Tgt Ion: 114 Resp: 755682
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 15.4 0.0 31.2

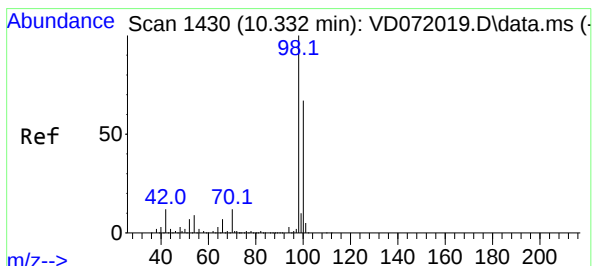
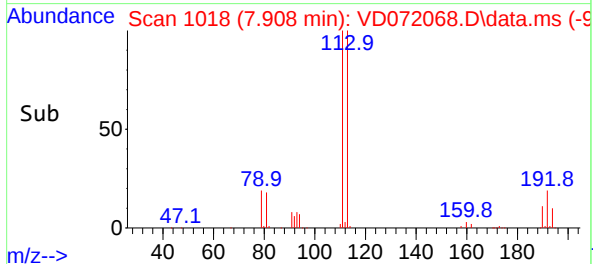
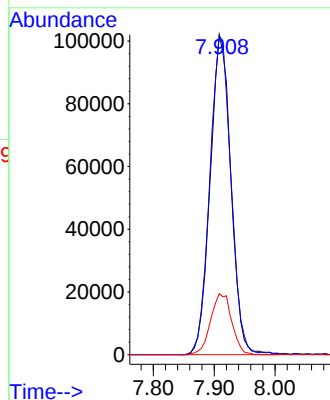
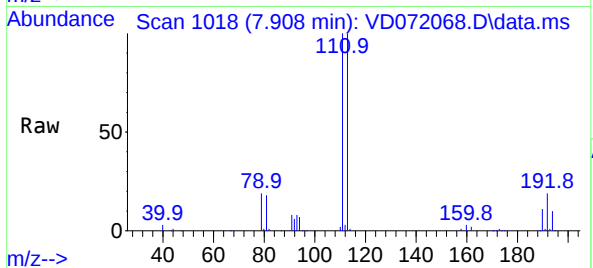




#35
Dibromofluoromethane
Concen: 52.669 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072068.D
Acq: 23 Feb 2022 10:50

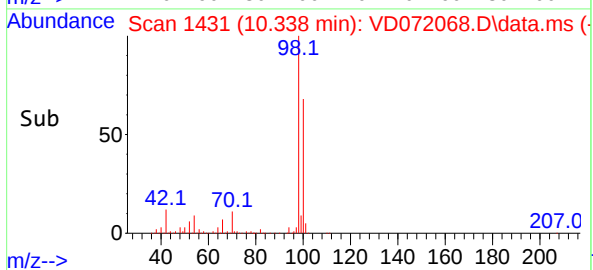
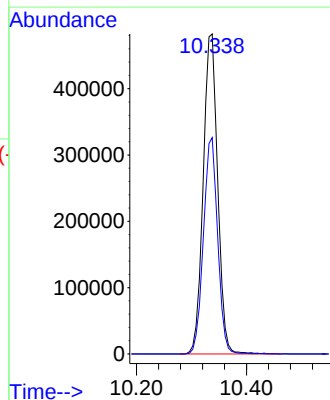
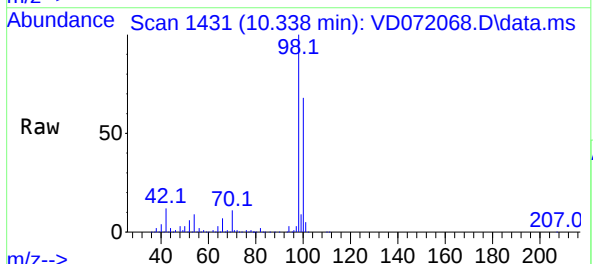
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBL01

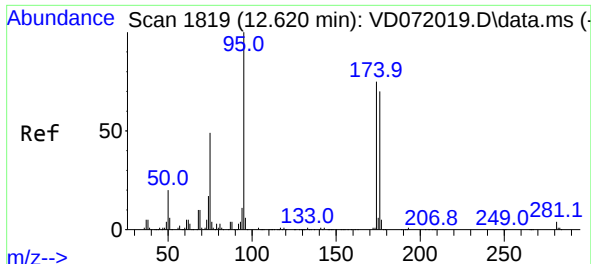
Tgt Ion:113 Resp: 241141
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.4
192 19.5 15.3 22.9



#50
Toluene-d8
Concen: 51.967 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072068.D
Acq: 23 Feb 2022 10:50

Tgt Ion: 98 Resp: 882340
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



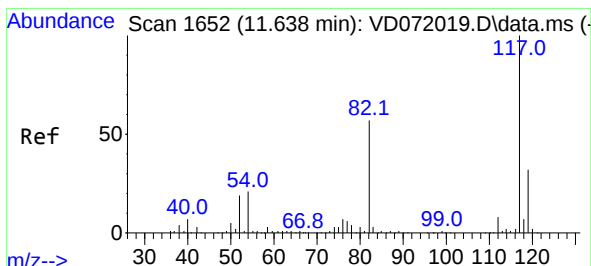
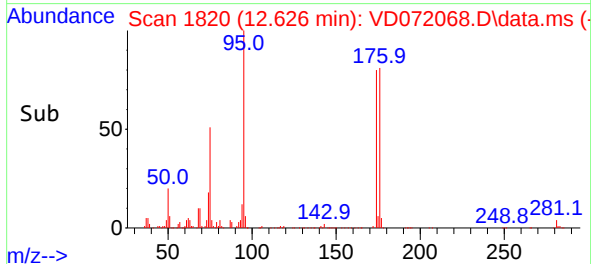
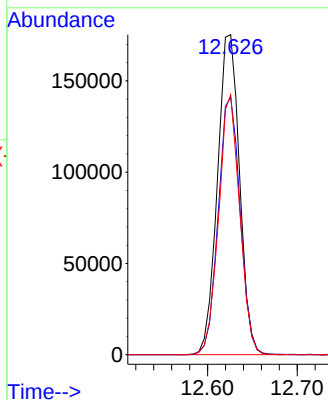
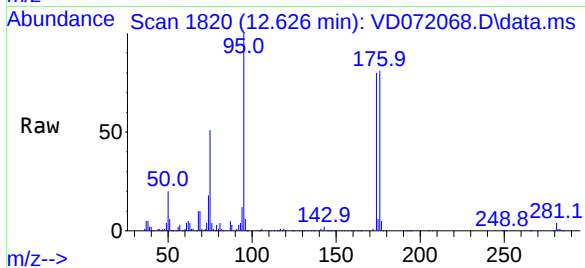


#62
4-Bromofluorobenzene
Concen: 48.119 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072068.D
Acq: 23 Feb 2022 10:50

Instrument : MSVOA_D
ClientSampleId : VD0223SBL01

Tgt Ion: 95 Resp: 300111

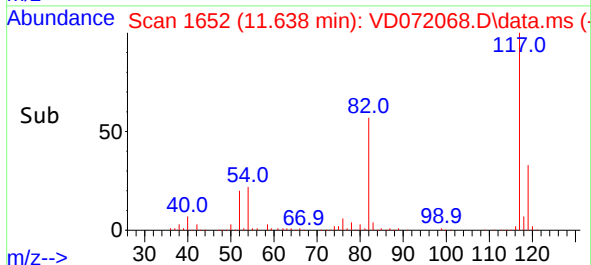
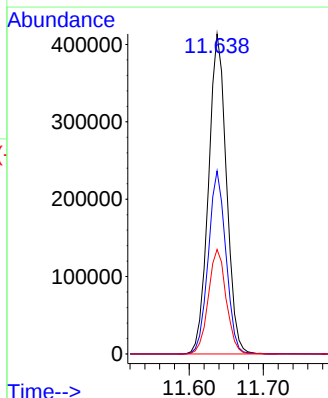
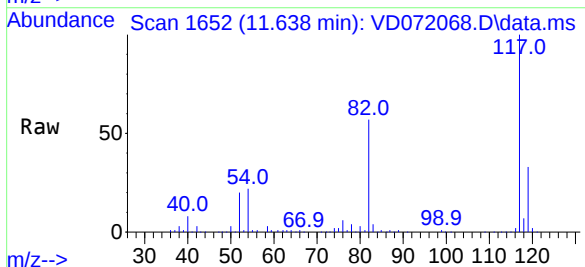
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	155.0
176	77.3	0.0	148.8

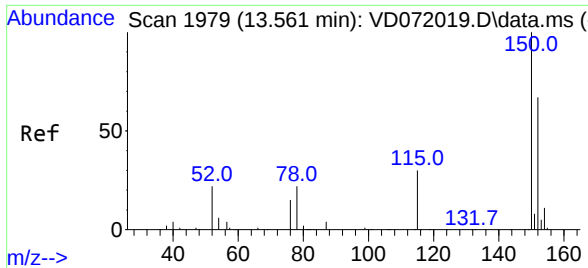


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072068.D
Acq: 23 Feb 2022 10:50

Tgt Ion: 117 Resp: 695231

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.4	68.0
119	32.7	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD072068.D
 Acq: 23 Feb 2022 10:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBL01

Tgt Ion:	152	Resp:	320219
Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.9	89.7
150	159.2	0.0	347.6

