

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070303.D
 Acq On : 10 Sep 2021 16:47
 Operator : VA/SY
 Sample : M3684-04
 Misc : 7.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 F003130

Quant Time: Sep 11 02:27:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

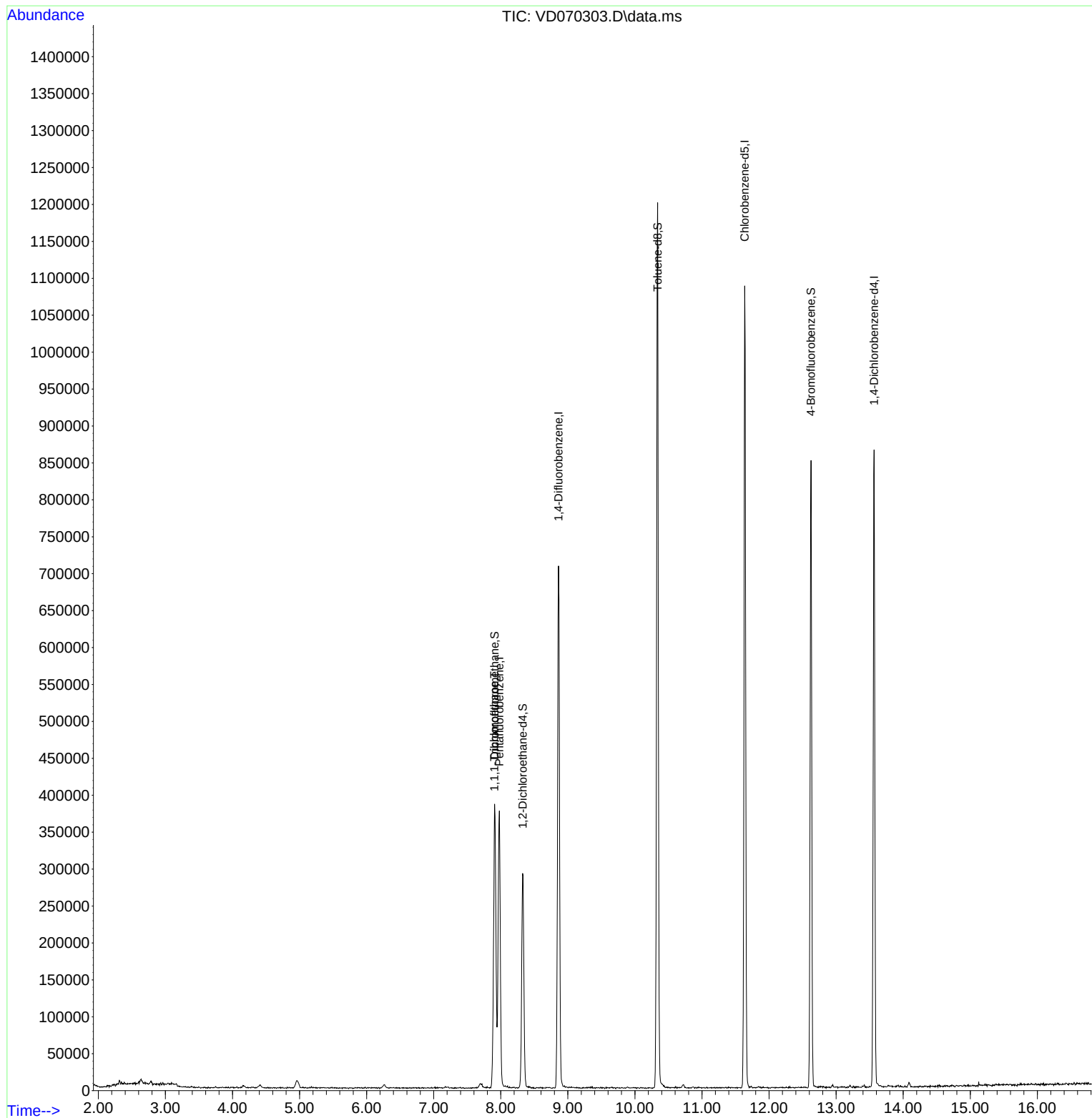
Internal Standards						
1) Pentafluorobenzene	7.979	168	255384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	596058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	618621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229804	70.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.160%
35) Dibromofluoromethane	7.908	113	238027	56.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.200%
50) Toluene-d8	10.338	98	809958	52.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.160%
62) 4-Bromofluorobenzene	12.626	95	254817	47.331	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.660%
Target Compounds						Qvalue
32) 1,1,1-Trichloroethane	7.902	97	56912	9.968	ug/l	96

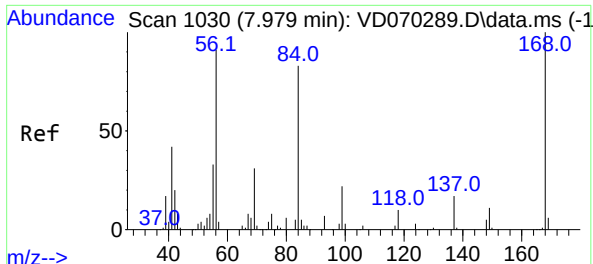
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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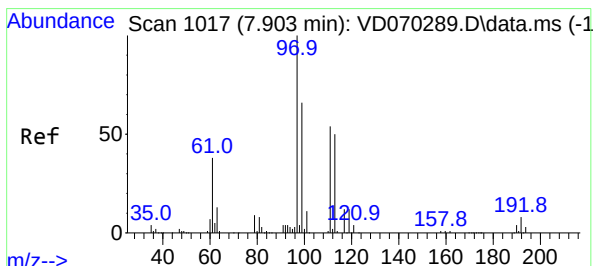
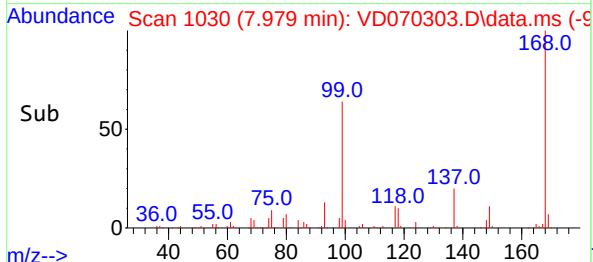
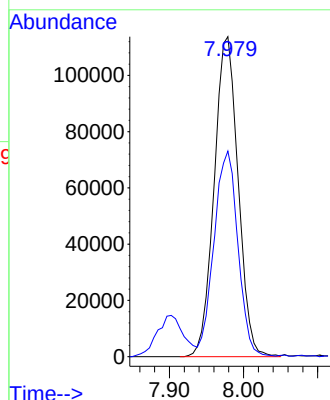
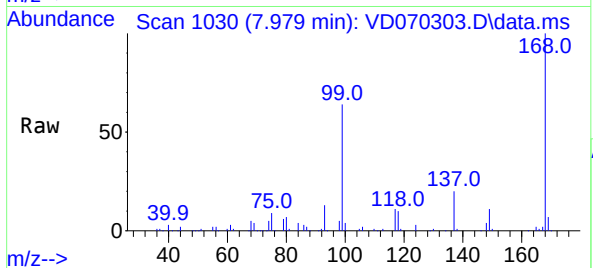




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070303.D
Acq: 10 Sep 2021 16:47

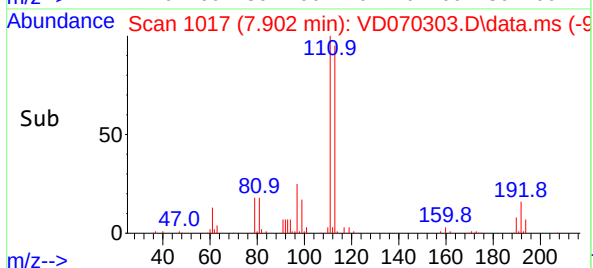
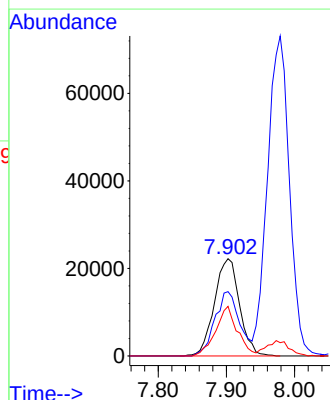
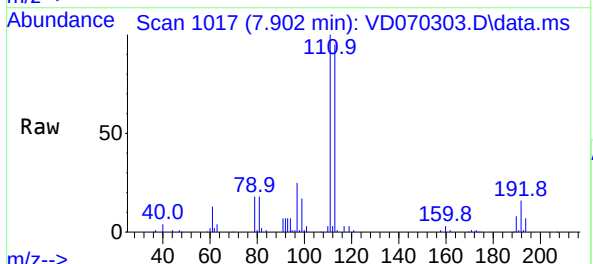
Instrument :
MSVOA_D
ClientSampled :
F003130

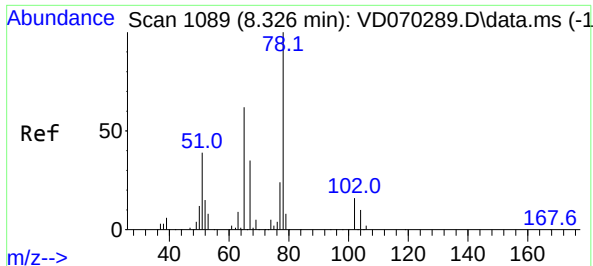
Tgt Ion:168 Resp: 255384
Ion Ratio Lower Upper
168 100
99 63.9 50.8 76.2



#32
1,1,1-Trichloroethane
Concen: 9.968 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070303.D
Acq: 10 Sep 2021 16:47

Tgt Ion: 97 Resp: 56912
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 44.2 31.4 47.0



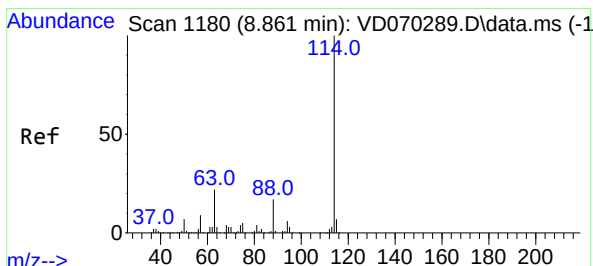
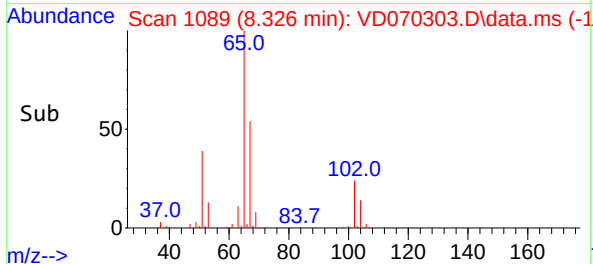
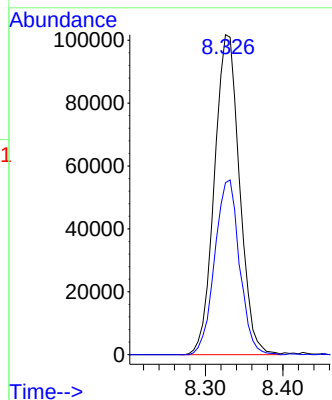
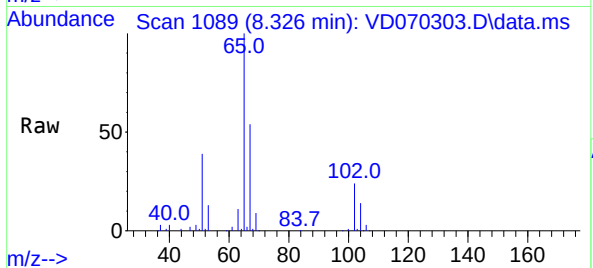


#33

1,2-Dichloroethane-d4
Concen: 70.080 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070303.D
Acq: 10 Sep 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
F003130

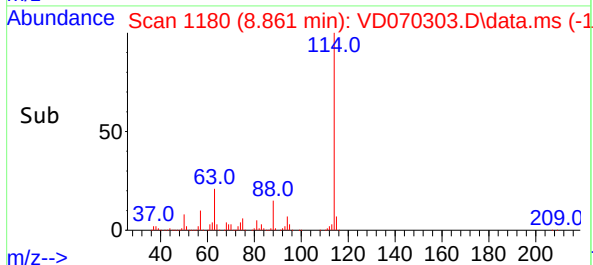
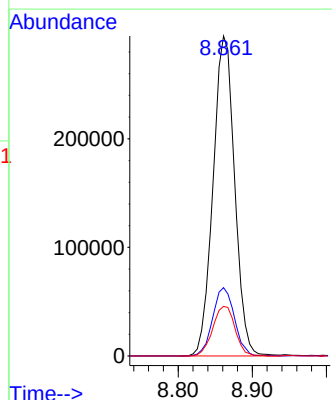
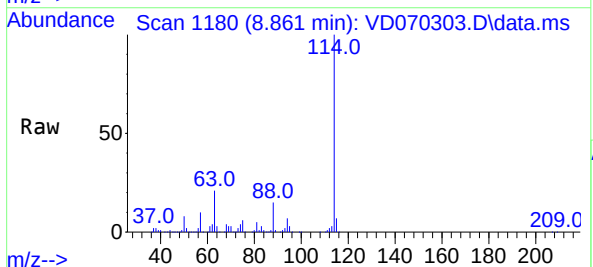
Tgt Ion: 65 Resp: 229804
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.4

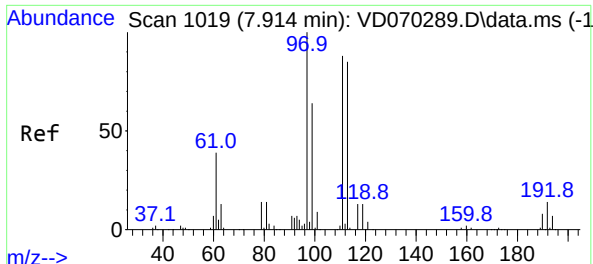


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070303.D
Acq: 10 Sep 2021 16:47

Tgt Ion: 114 Resp: 596058
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.4
88 15.5 0.0 33.4

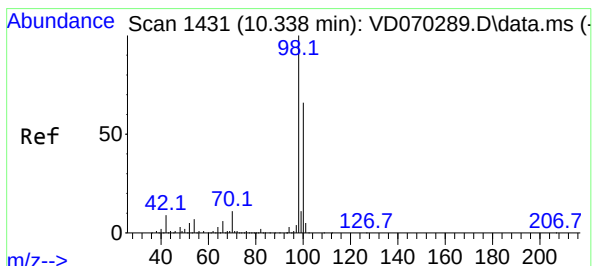
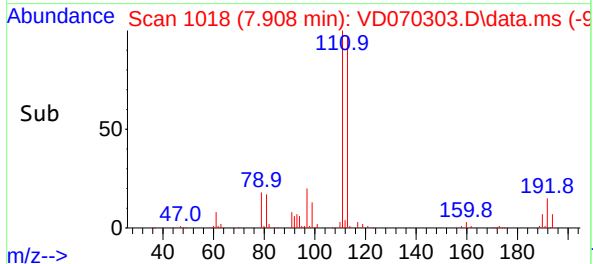
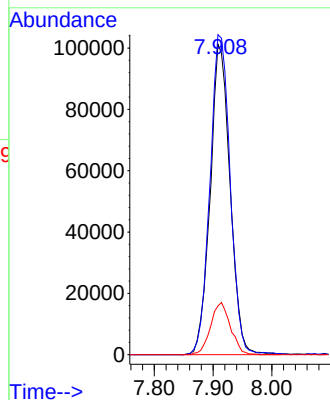
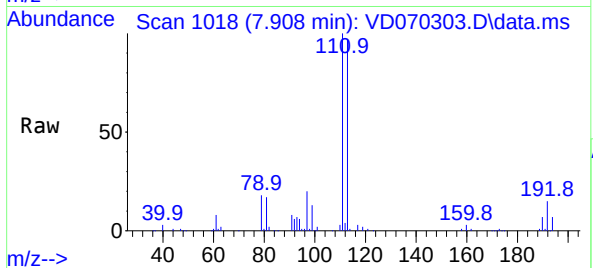




#35
Dibromofluoromethane
Concen: 56.101 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070303.D
Acq: 10 Sep 2021 16:47

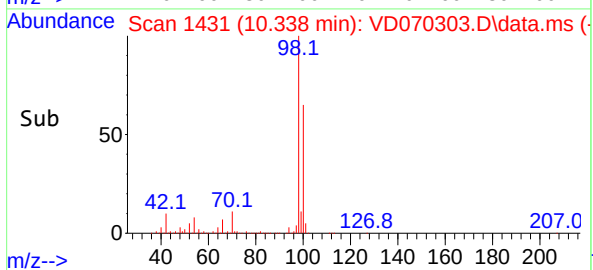
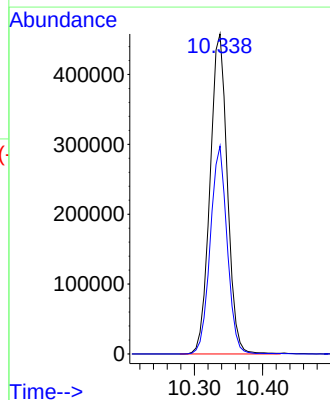
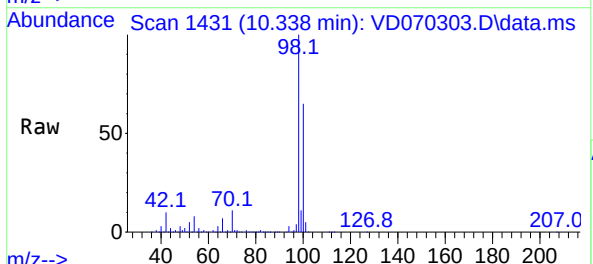
Instrument :
MSVOA_D
ClientSampleId :
F003130

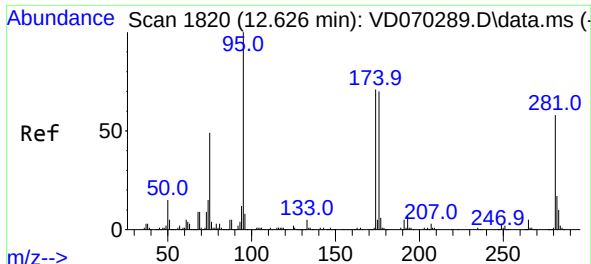
Tgt Ion:113 Resp: 238027
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.2
192 16.8 13.0 19.6



#50
Toluene-d8
Concen: 52.579 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070303.D
Acq: 10 Sep 2021 16:47

Tgt Ion: 98 Resp: 809958
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

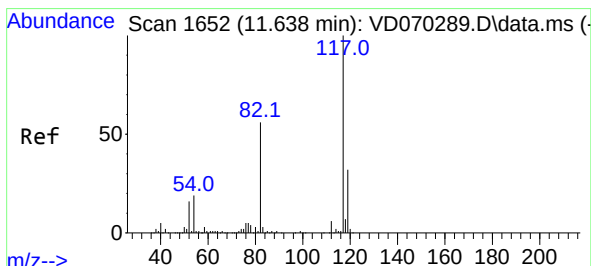
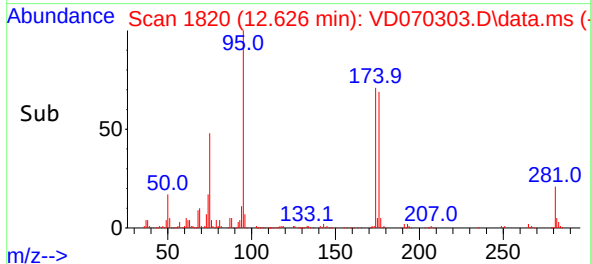
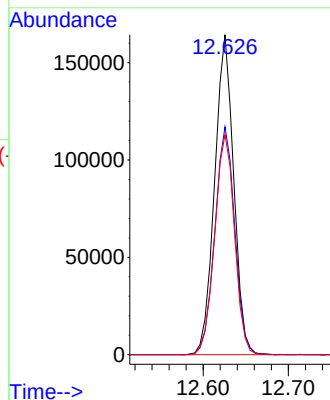
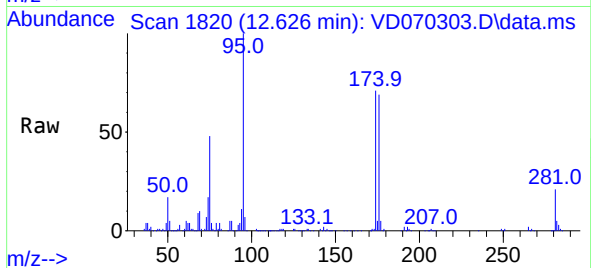




#62
4-Bromofluorobenzene
Concen: 47.331 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070303.D
Acq: 10 Sep 2021 16:47

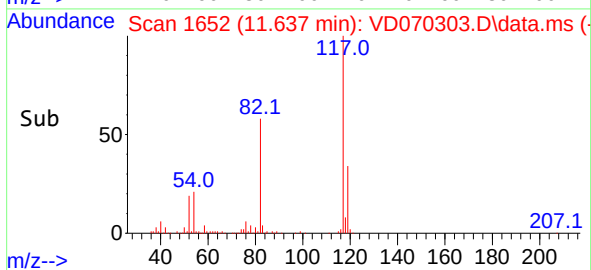
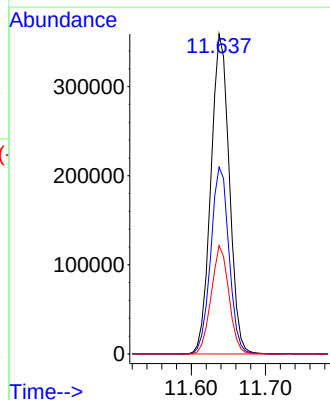
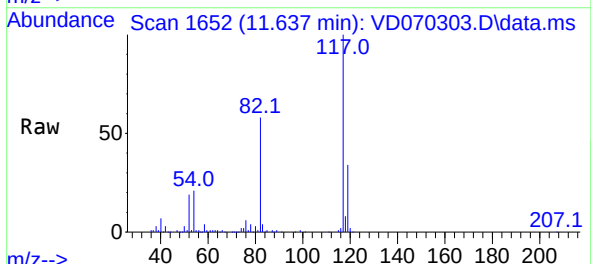
Instrument :
MSVOA_D
ClientSampleId :
F003130

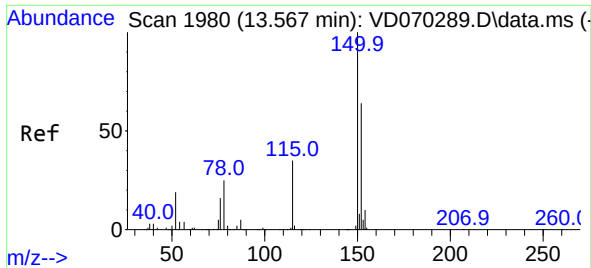
Tgt Ion: 95 Resp: 254817
Ion Ratio Lower Upper
95 100
174 74.6 0.0 140.6
176 71.3 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070303.D
Acq: 10 Sep 2021 16:47

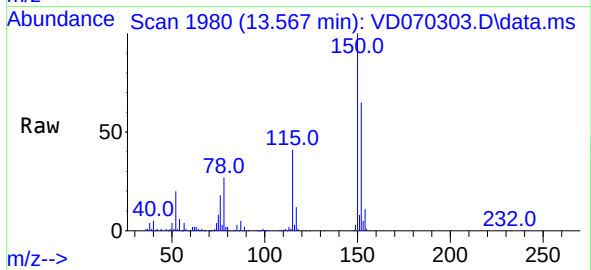
Tgt Ion: 117 Resp: 618621
Ion Ratio Lower Upper
117 100
82 58.4 45.0 67.4
119 33.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070303.D
 Acq: 10 Sep 2021 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 F003130



Tgt Ion:152 Resp: 226698

Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.1	96.3
150	157.8	0.0	350.6

