

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070305.D
 Acq On : 10 Sep 2021 17:45
 Operator : VA/SY
 Sample : M3684-06
 Misc : 7.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 F004130

Quant Time: Sep 11 02:27:36 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)

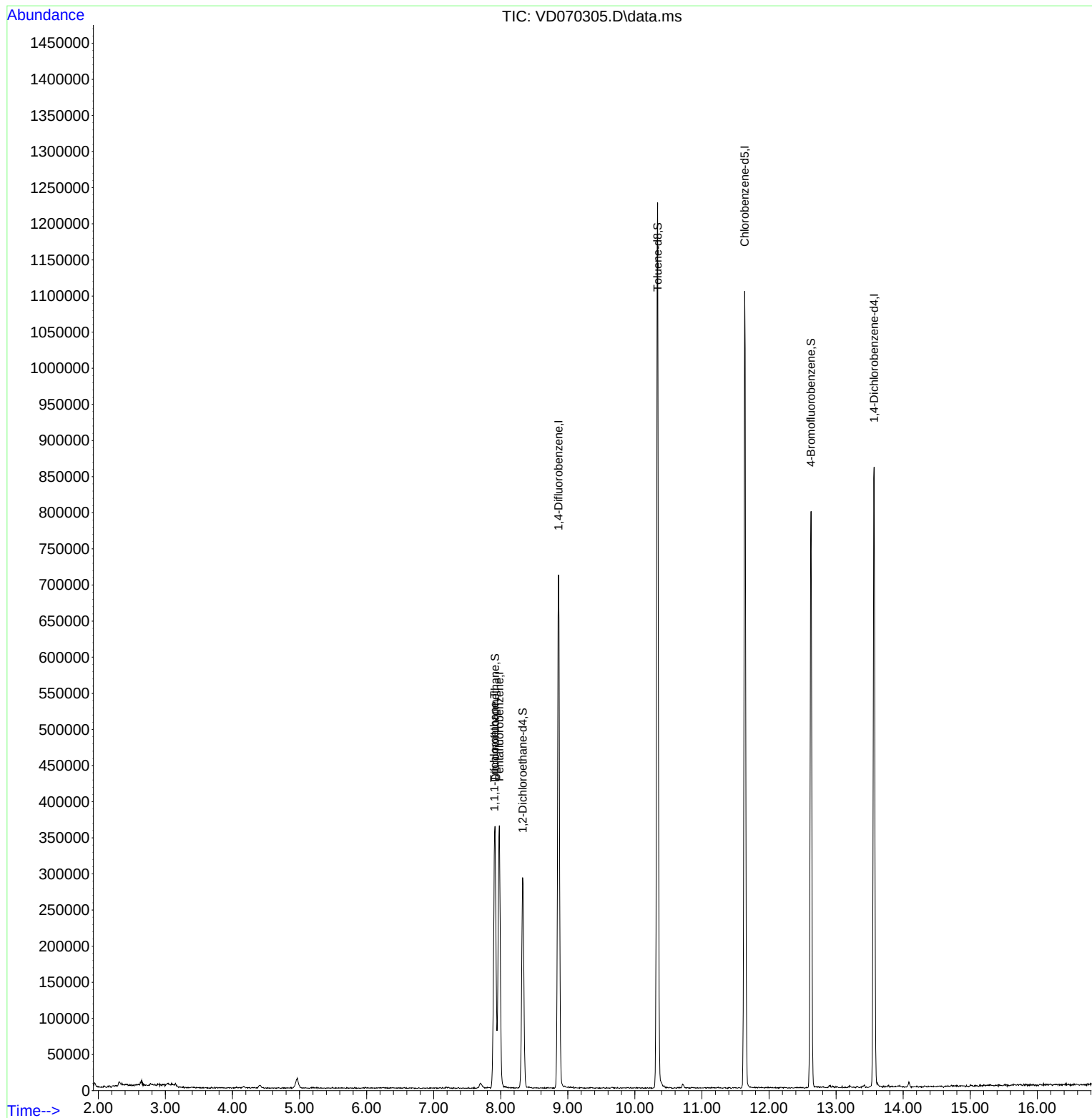
Internal Standards						
1) Pentafluorobenzene	7.979	168	250990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	602768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	639364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	228536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230806	71.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.240%
35) Dibromofluoromethane	7.914	113	239277	55.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.540%
50) Toluene-d8	10.338	98	827379	53.112	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.626	95	254521	46.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.500%
Target Compounds						Qvalue
32) 1,1,1-Trichloroethane	7.903	97	40404	7.201	ug/l	97

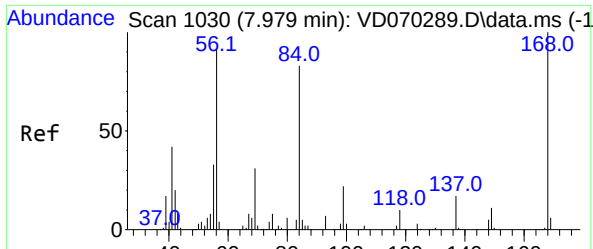
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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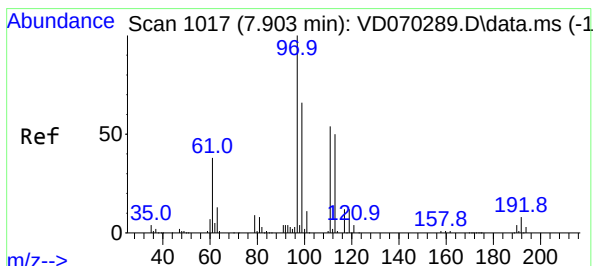
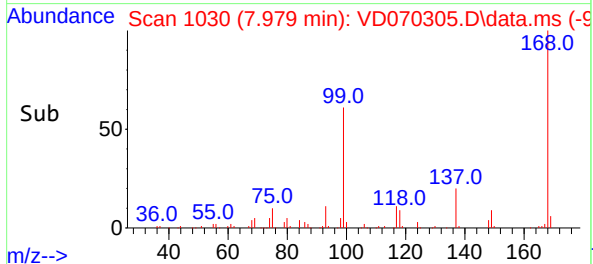
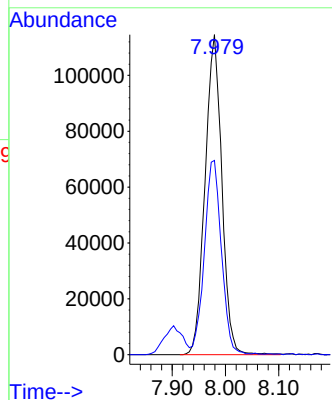
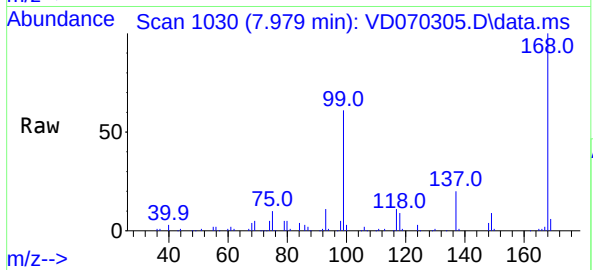




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070305.D
Acq: 10 Sep 2021 17:45

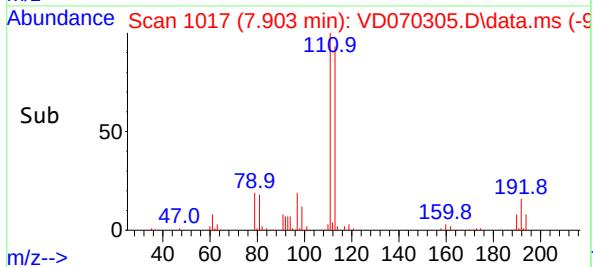
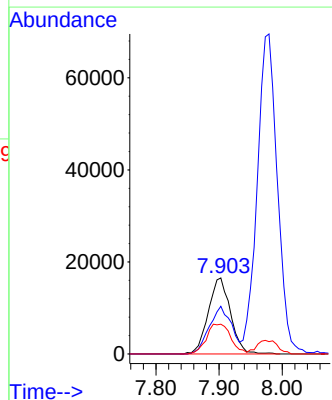
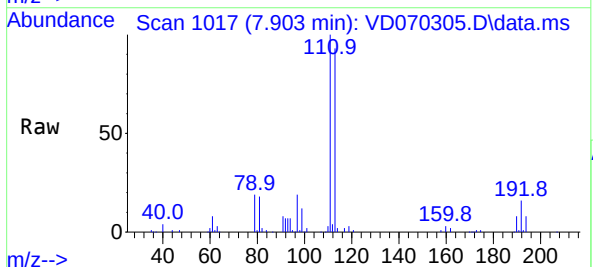
Instrument :
MSVOA_D
ClientSampleId :
F004130

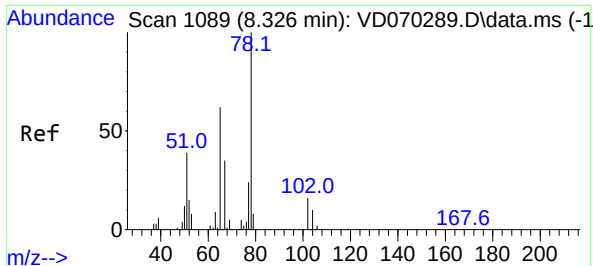
Tgt Ion:168 Resp: 250990
Ion Ratio Lower Upper
168 100
99 60.4 50.8 76.2



#32
1,1,1-Trichloroethane
Concen: 7.201 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070305.D
Acq: 10 Sep 2021 17:45

Tgt Ion: 97 Resp: 40404
Ion Ratio Lower Upper
97 100
99 62.5 51.1 76.7
61 43.0 31.4 47.0



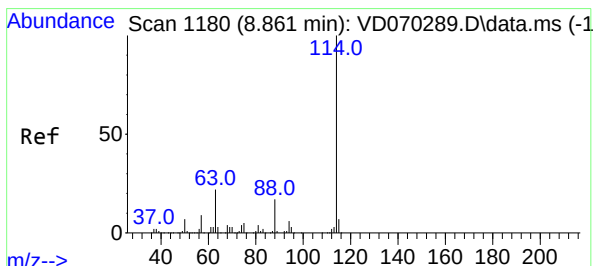
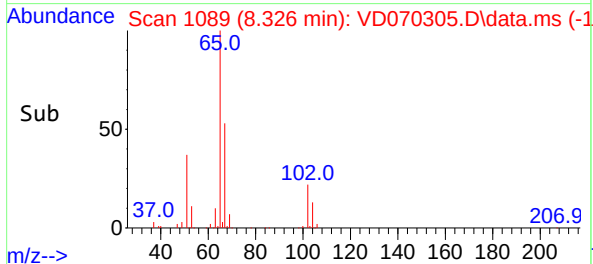
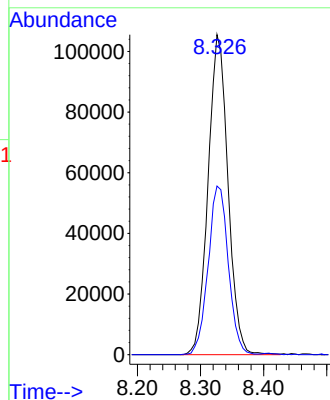
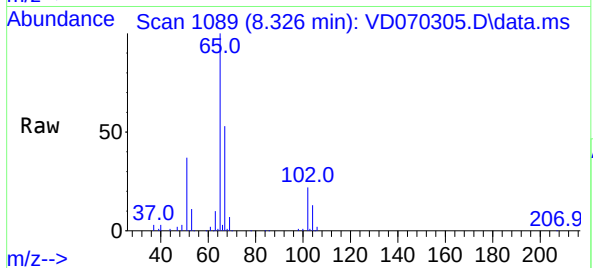


#33

1,2-Dichloroethane-d4
Concen: 71.617 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070305.D
Acq: 10 Sep 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
F004130

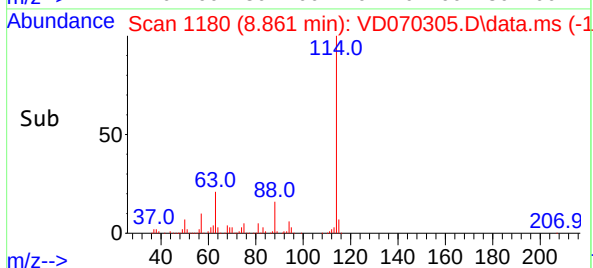
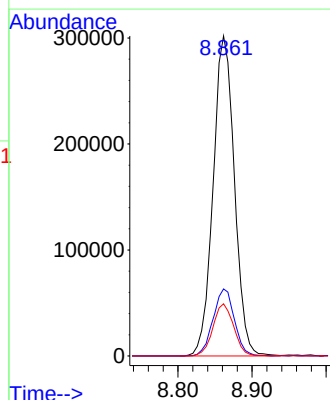
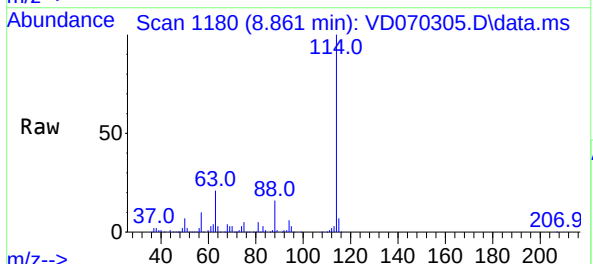
Tgt Ion: 65 Resp: 230806
Ion Ratio Lower Upper
65 100
67 53.4 0.0 111.4

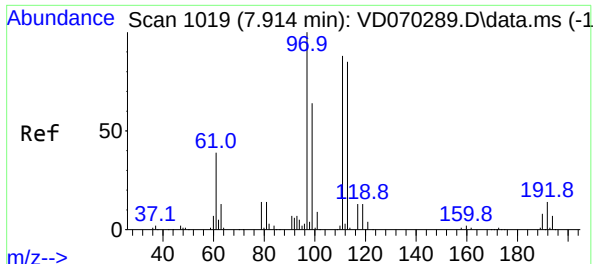


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070305.D
Acq: 10 Sep 2021 17:45

Tgt Ion: 114 Resp: 602768
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 16.3 0.0 33.4



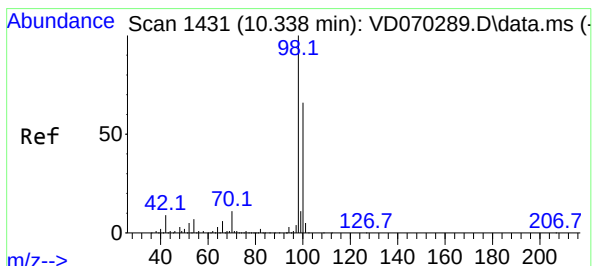
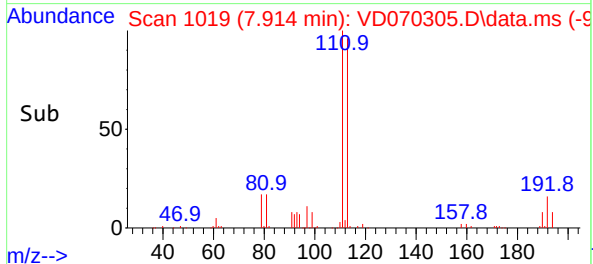
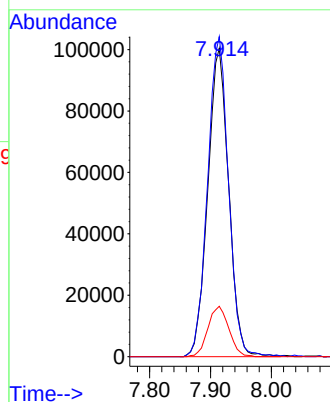
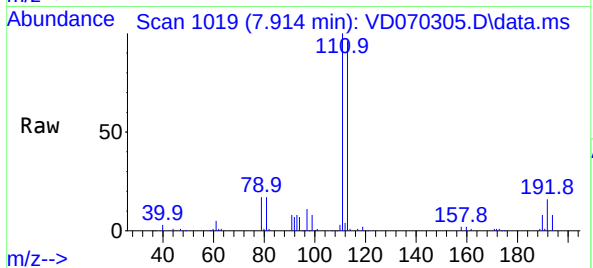


#35
Dibromofluoromethane
Concen: 55.768 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070305.D
Acq: 10 Sep 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
F004130

Tgt Ion:113 Resp: 239277

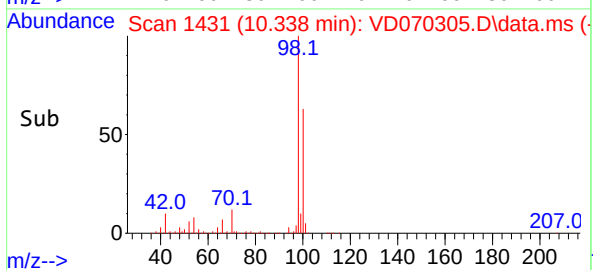
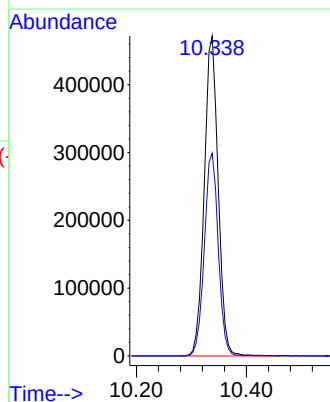
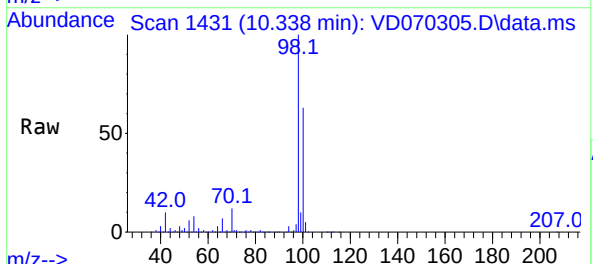
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.4	122.2
192	16.4	13.0	19.6

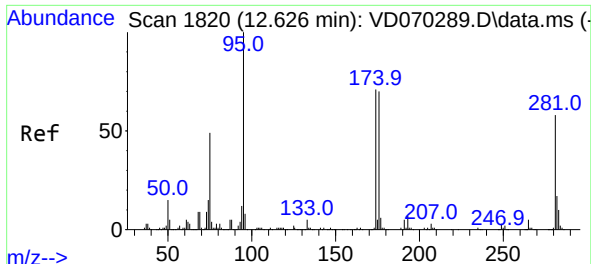


#50
Toluene-d8
Concen: 53.112 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070305.D
Acq: 10 Sep 2021 17:45

Tgt Ion: 98 Resp: 827379

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.0	78.0

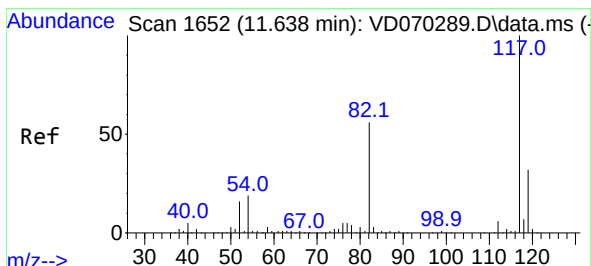
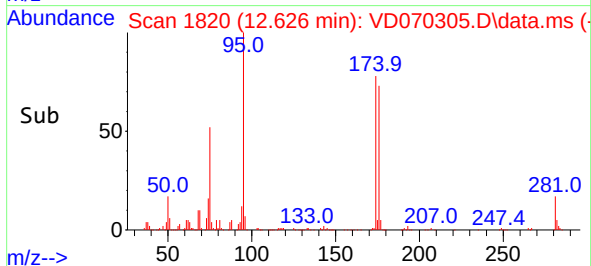
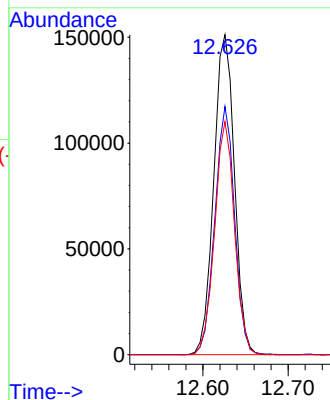
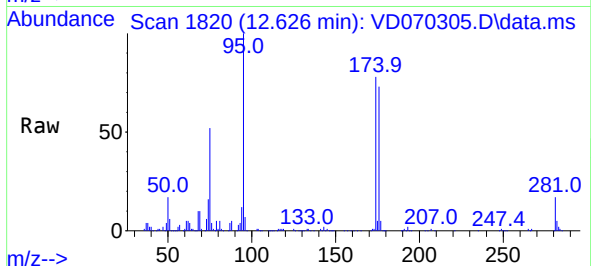




#62
4-Bromofluorobenzene
Concen: 46.750 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070305.D
Acq: 10 Sep 2021 17:45

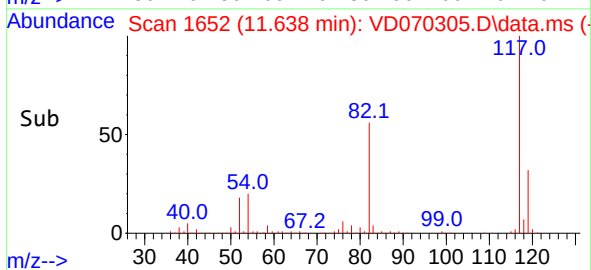
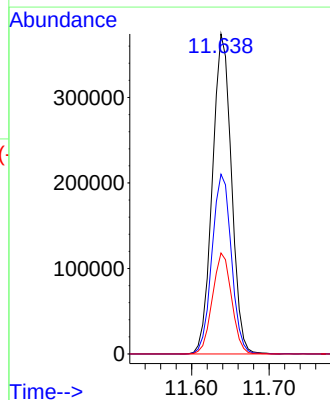
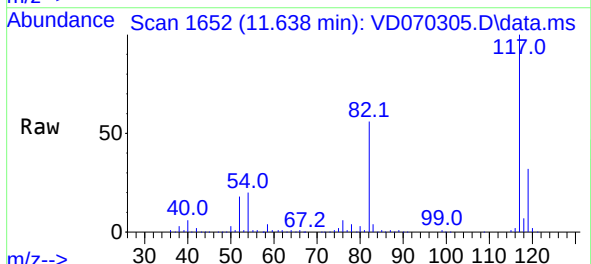
Instrument :
MSVOA_D
ClientSampleId :
F004130

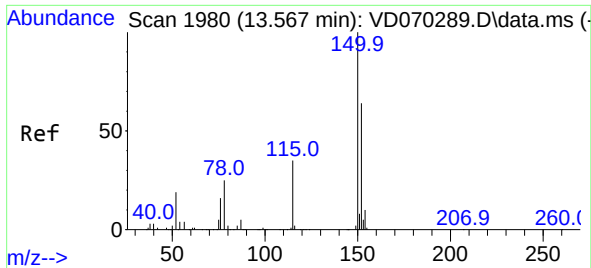
Tgt Ion: 95 Resp: 254521
Ion Ratio Lower Upper
95 100
174 74.4 0.0 140.6
176 70.1 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070305.D
Acq: 10 Sep 2021 17:45

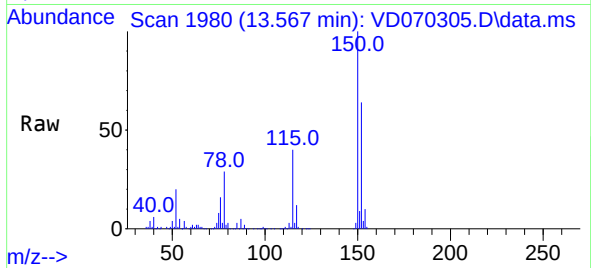
Tgt Ion: 117 Resp: 639364
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070305.D
 Acq: 10 Sep 2021 17:45

Instrument :
 MSVOA_D
 ClientSampleId :
 F004130



Tgt Ion:152 Resp: 228536

Ion	Ratio	Lower	Upper
152	100		
115	62.2	32.1	96.3
150	156.4	0.0	350.6

