

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070302.D
 Acq On : 10 Sep 2021 16:19
 Operator : VA/SY
 Sample : M3684-03
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-210908A

Quant Time: Sep 11 02:26:46 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)

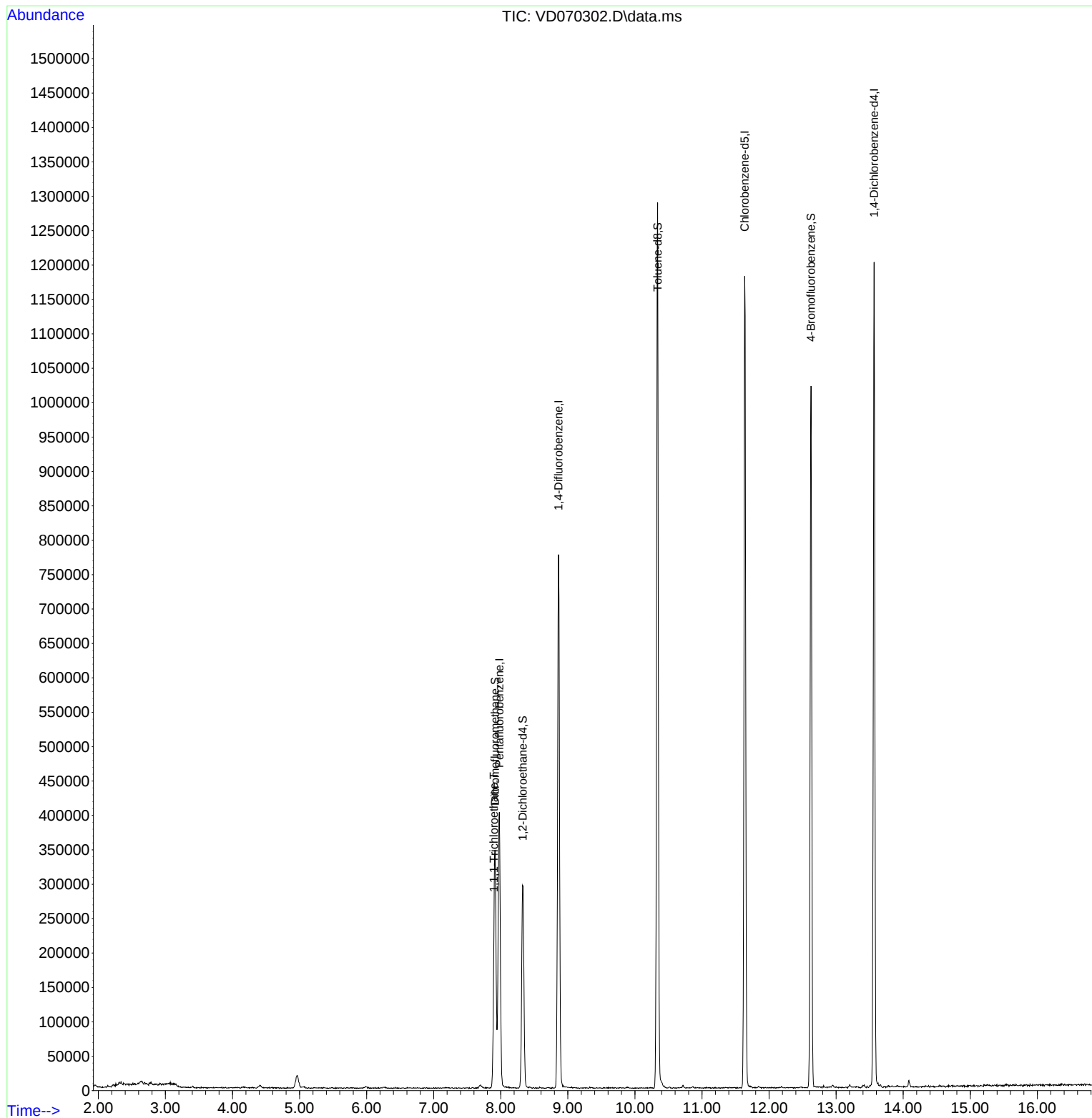
Internal Standards						
1) Pentafluorobenzene	7.979	168	279777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	653844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	305111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238778	66.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.940%	
35) Dibromofluoromethane	7.914	113	249623	53.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.260%	
50) Toluene-d8	10.338	98	876432	51.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.740%	
62) 4-Bromofluorobenzene	12.626	95	315208	53.374	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.740%	
Target Compounds						
32) 1,1,1-Trichloroethane	7.897	97	18748	2.997	ug/l	Qvalue 95

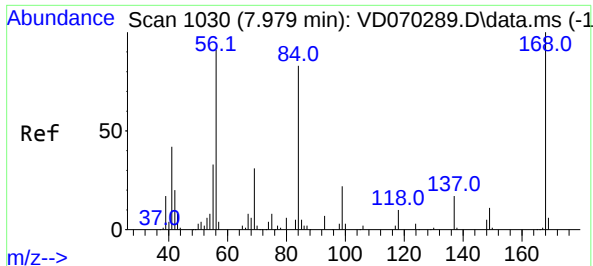
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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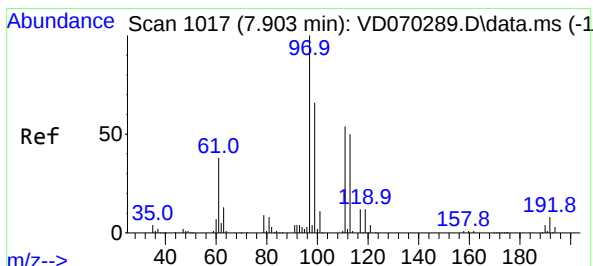
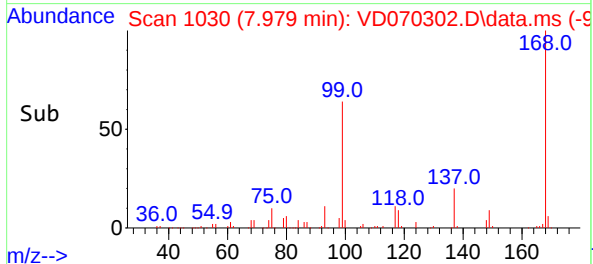
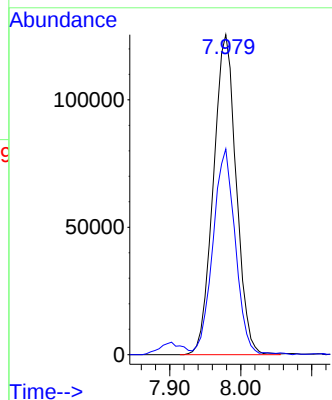
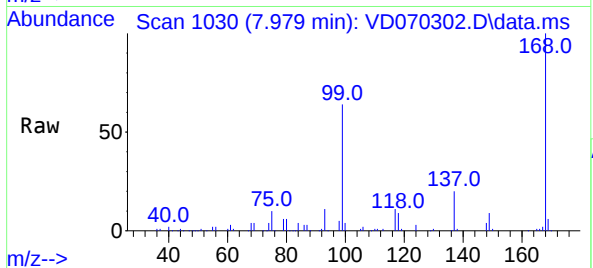




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070302.D
Acq: 10 Sep 2021 16:19

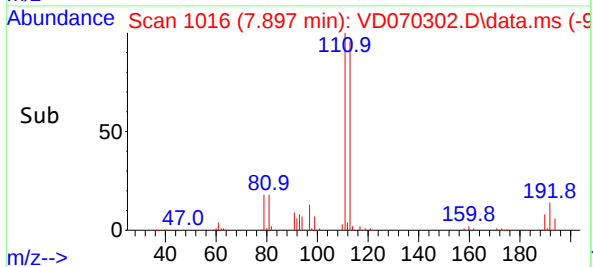
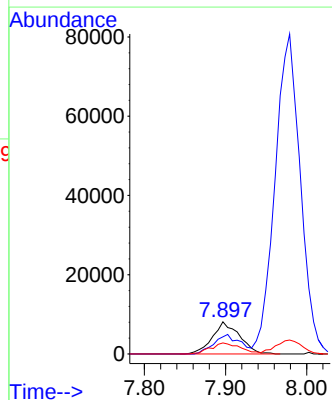
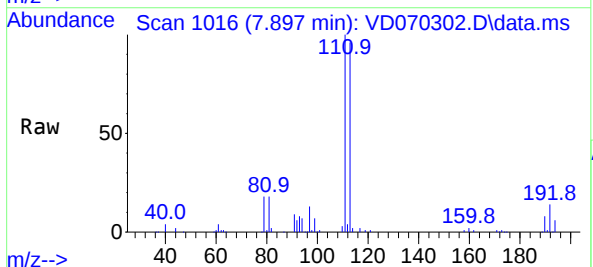
Instrument :
MSVOA_D
ClientSampleId :
DUP-210908A

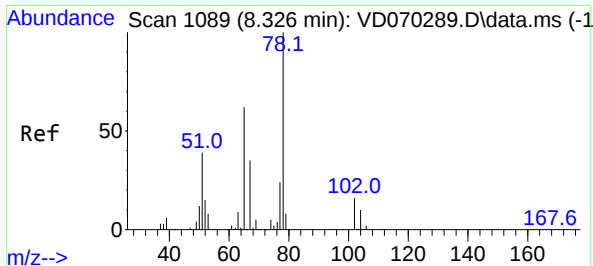
Tgt Ion:168 Resp: 279777
Ion Ratio Lower Upper
168 100
99 63.7 50.8 76.2



#32
1,1,1-Trichloroethane
Concen: 2.997 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070302.D
Acq: 10 Sep 2021 16:19

Tgt Ion: 97 Resp: 18748
Ion Ratio Lower Upper
97 100
99 59.3 51.1 76.7
61 37.7 31.4 47.0



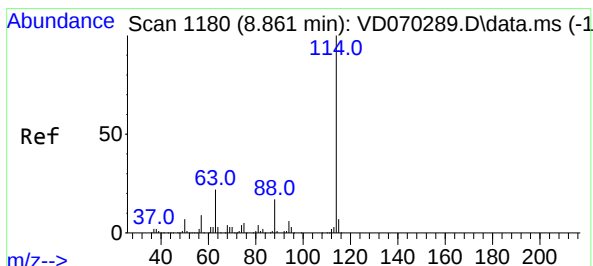
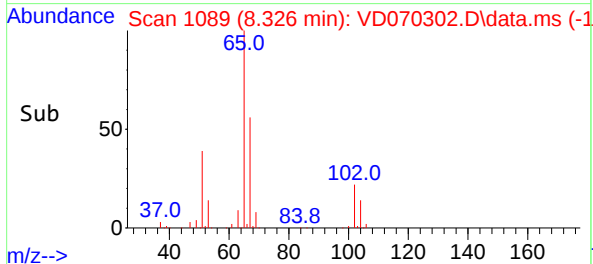
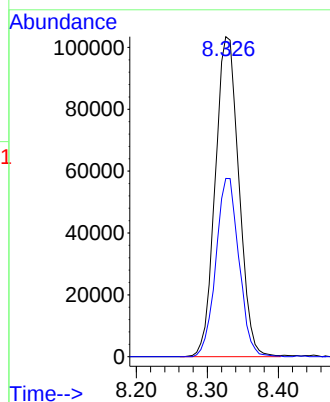
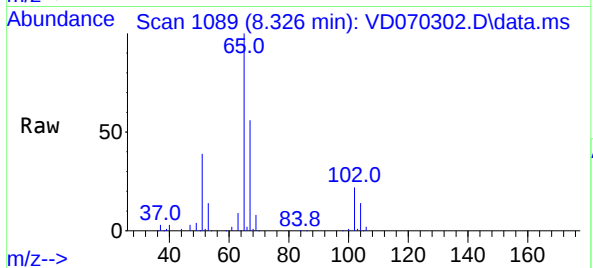


#33

1,2-Dichloroethane-d4
Concen: 66.468 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070302.D
Acq: 10 Sep 2021 16:19

Instrument :
MSVOA_D
ClientSampleId :
DUP-210908A

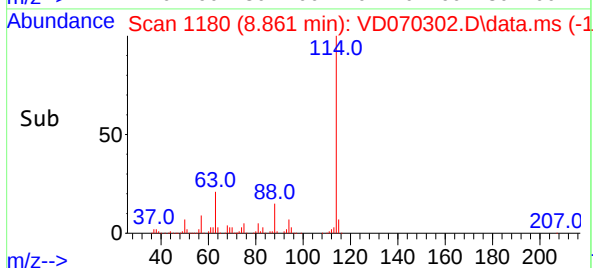
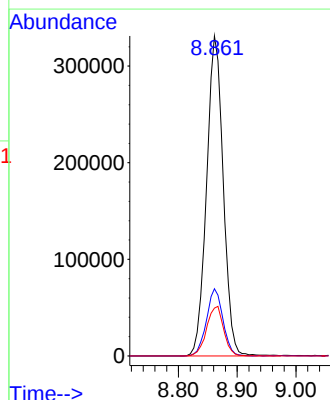
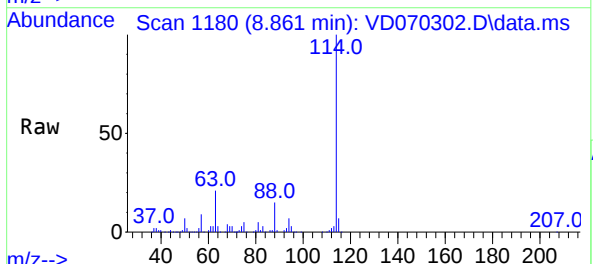
Tgt Ion: 65 Resp: 238778
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.4

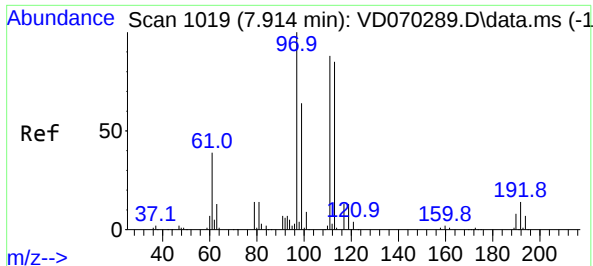


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070302.D
Acq: 10 Sep 2021 16:19

Tgt Ion: 114 Resp: 653844
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 15.0 0.0 33.4

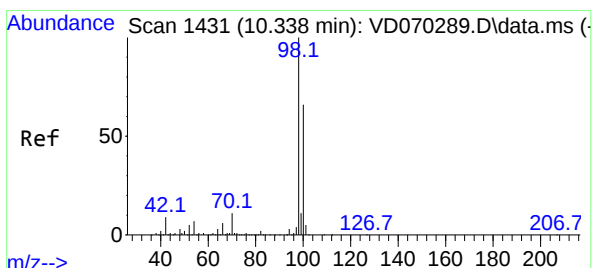
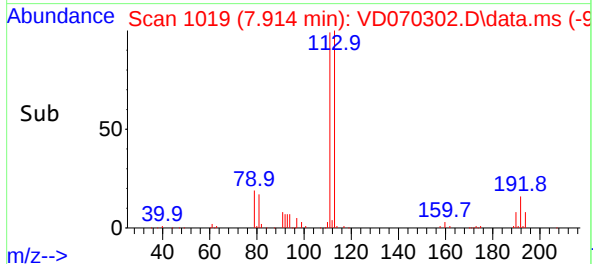
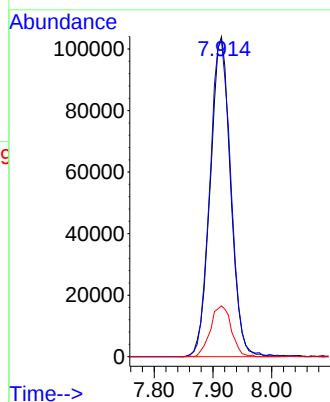
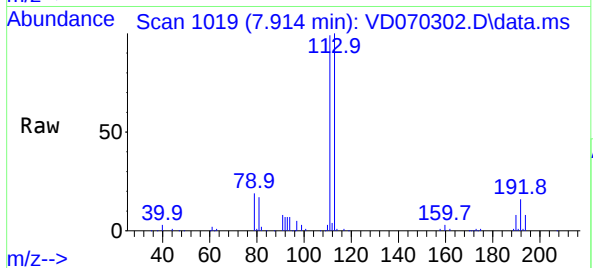




#35
Dibromofluoromethane
Concen: 53.635 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070302.D
Acq: 10 Sep 2021 16:19

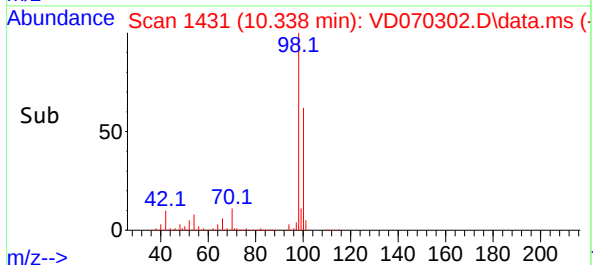
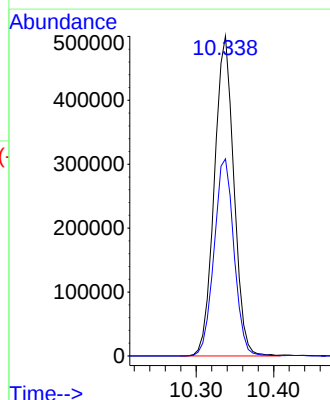
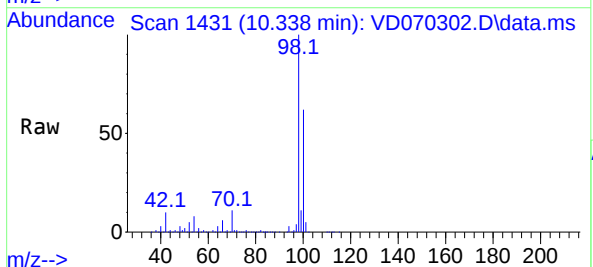
Instrument :
MSVOA_D
ClientSampleId :
DUP-210908A

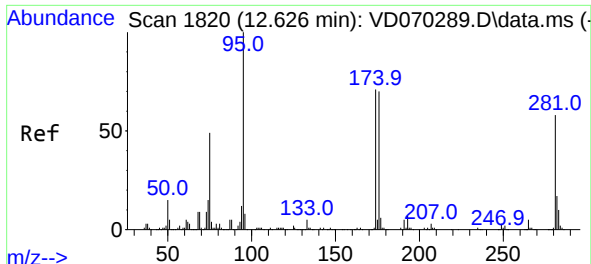
Tgt Ion:113 Resp: 249623
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.2
192 16.3 13.0 19.6



#50
Toluene-d8
Concen: 51.866 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070302.D
Acq: 10 Sep 2021 16:19

Tgt Ion: 98 Resp: 876432
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

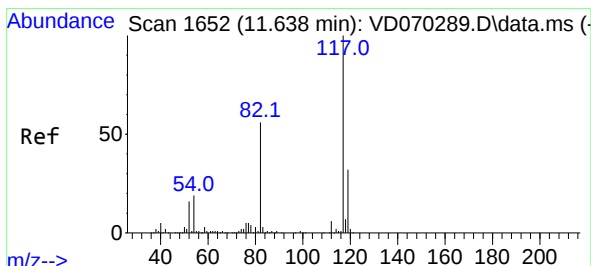
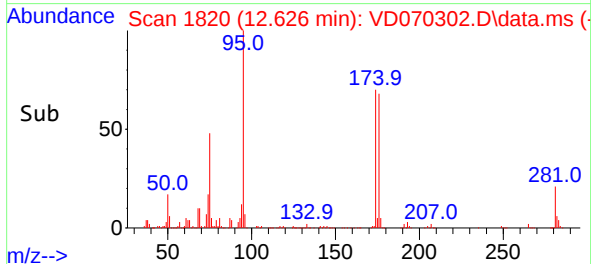
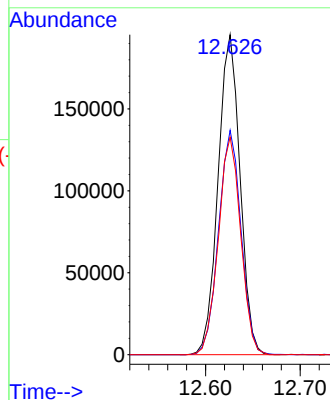
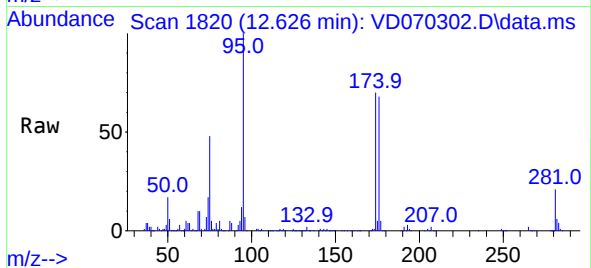




#62
4-Bromofluorobenzene
Concen: 53.374 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070302.D
Acq: 10 Sep 2021 16:19

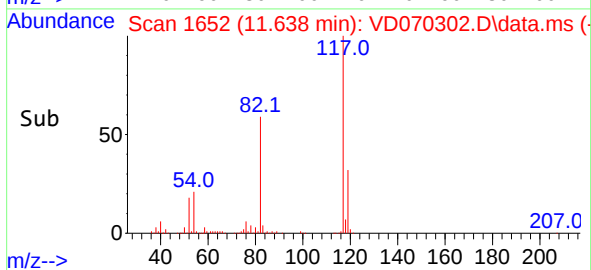
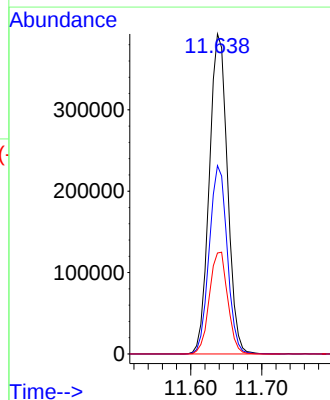
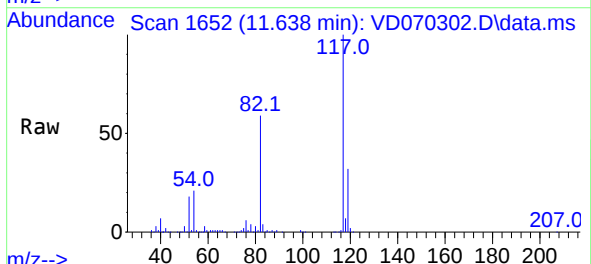
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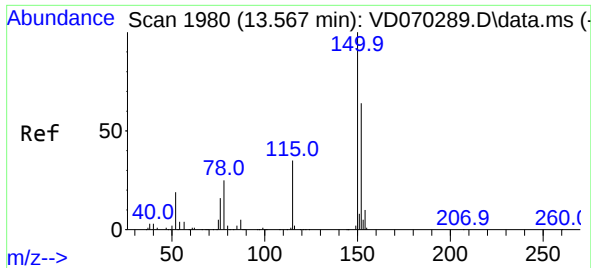
Tgt Ion: 95 Resp: 315208
Ion Ratio Lower Upper
95 100
174 71.8 0.0 140.6
176 69.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070302.D
Acq: 10 Sep 2021 16:19

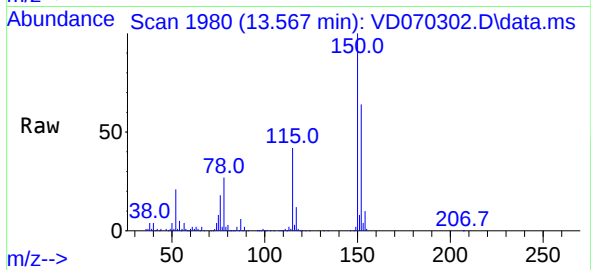
Tgt Ion: 117 Resp: 698988
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 31.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070302.D
 Acq: 10 Sep 2021 16:19

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:	152	Resp:	305111
Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.1	96.3
150	155.2	0.0	350.6

