

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070334.D
 Acq On : 13 Sep 2021 18:50
 Operator : VA/SY
 Sample : M3687-23
 Misc : 5.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A010015

Quant Time: Sep 14 00:56:08 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)

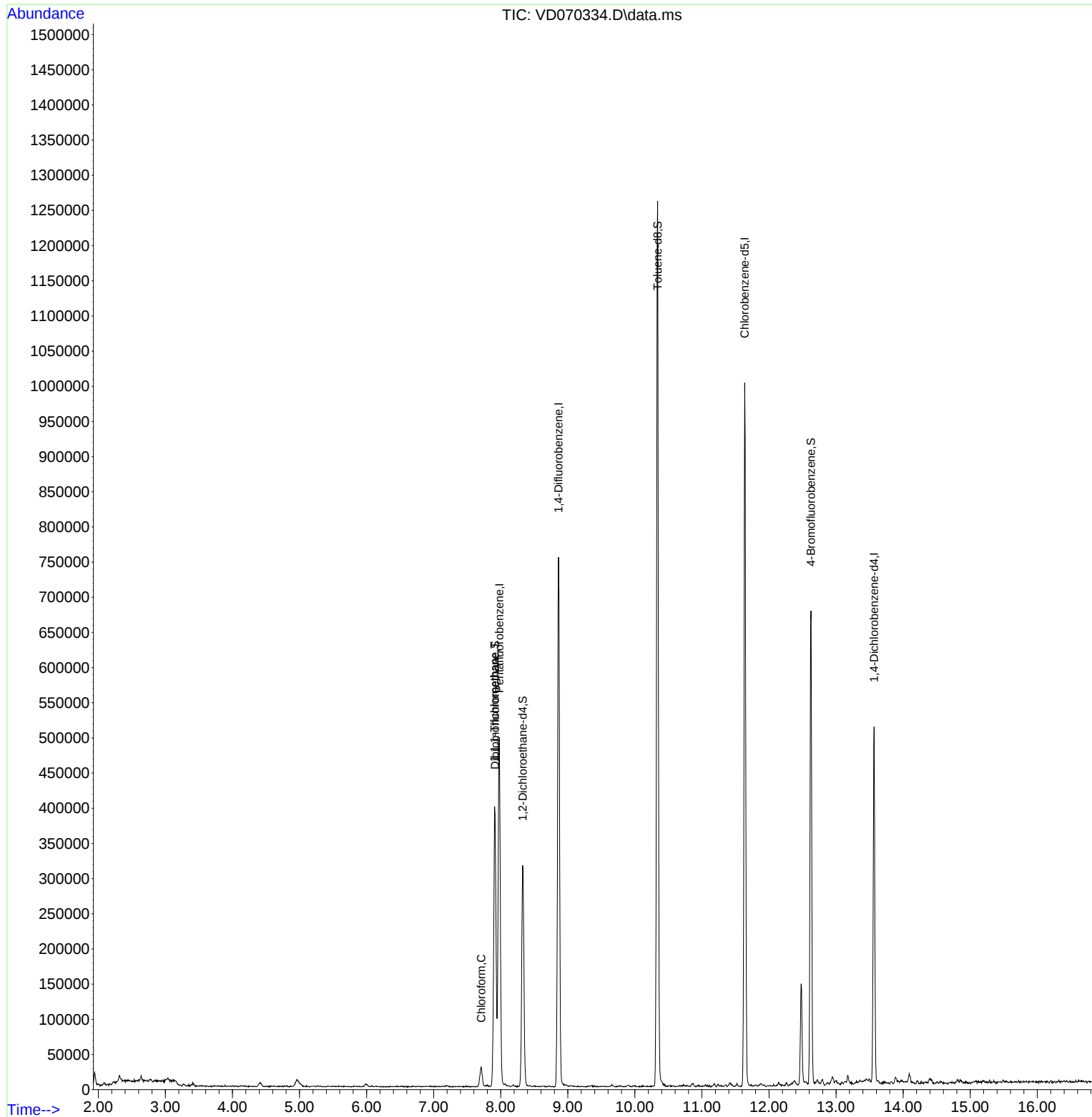
Internal Standards						
1) Pentafluorobenzene	7.979	168	349053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	651286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	575830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	133175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255189	56.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.880%	
35) Dibromofluoromethane	7.914	113	273160	58.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.840%	
50) Toluene-d8	10.338	98	874176	51.935	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.626	95	197385	33.554	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 67.100%	
Target Compounds						
						Qvalue
30) Chloroform	7.708	83	23589	2.544	ug/l	96
32) 1,1,1-Trichloroethane	7.908	97	25696	3.293	ug/l	97

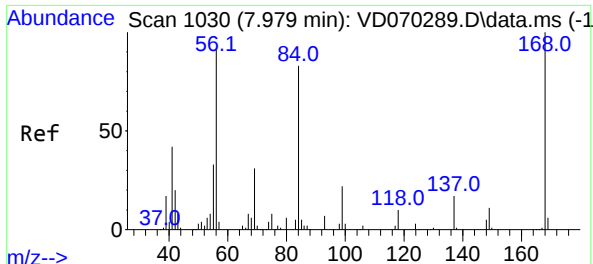
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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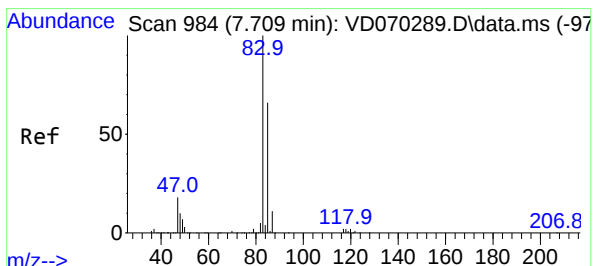
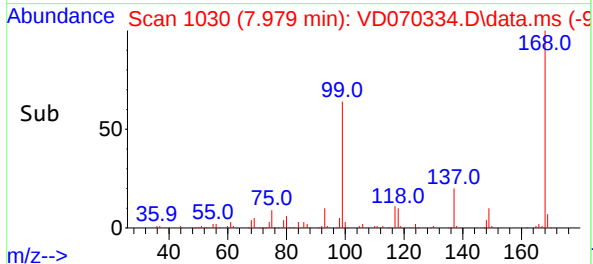
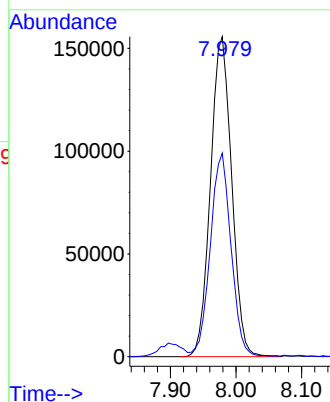
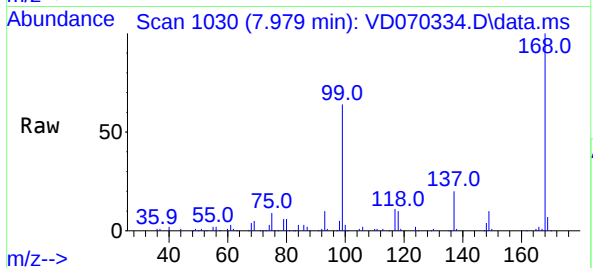




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070334.D
Acq: 13 Sep 2021 18:50

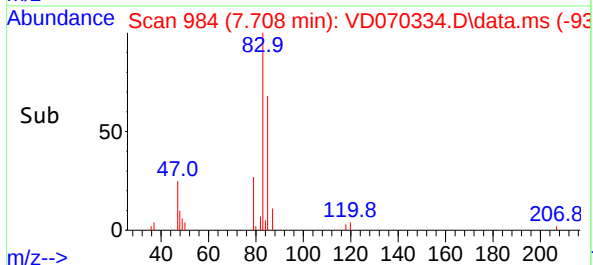
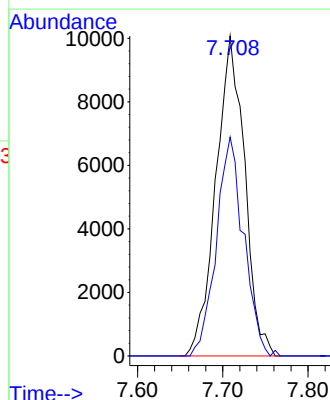
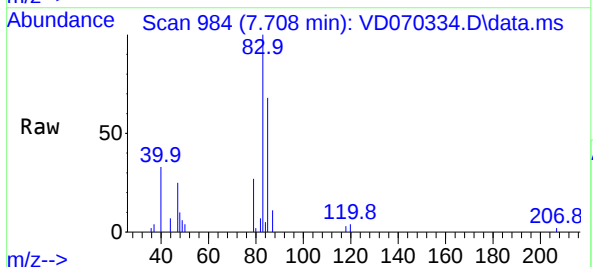
Instrument :
MSVOA_D
ClientSampleId :
A010015

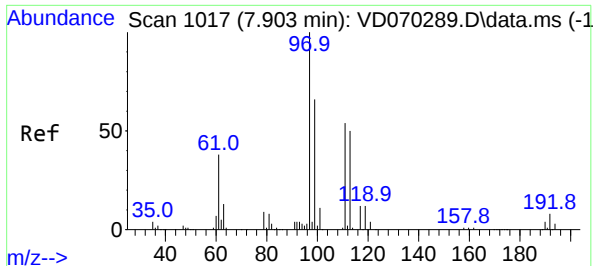
Tgt Ion:168 Resp: 349053
Ion Ratio Lower Upper
168 100
99 63.4 50.8 76.2



#30
Chloroform
Concen: 2.544 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD070334.D
Acq: 13 Sep 2021 18:50

Tgt Ion: 83 Resp: 23589
Ion Ratio Lower Upper
83 100
85 68.4 52.5 78.7

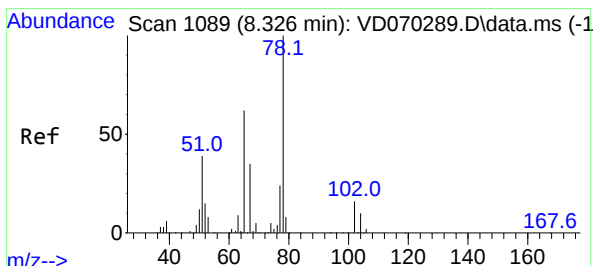
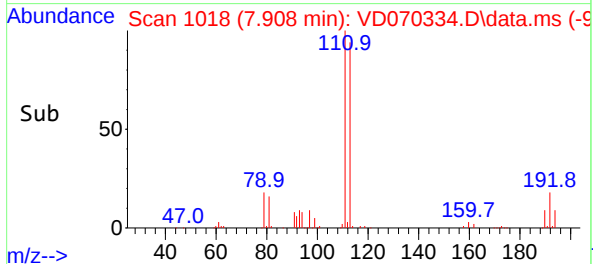
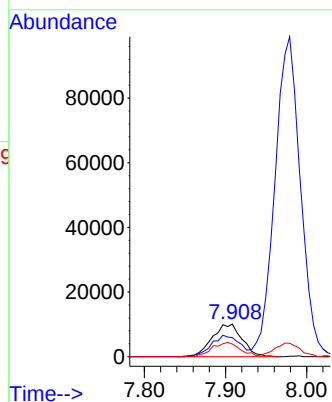
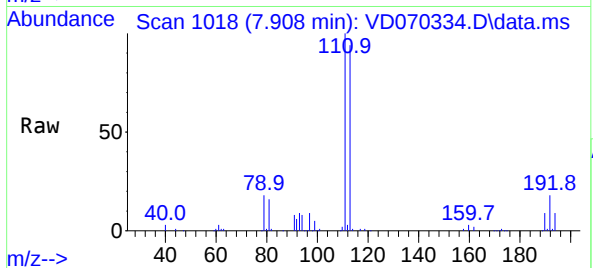




#32
1,1,1-Trichloroethane
Concen: 3.293 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD070334.D
Acq: 13 Sep 2021 18:50

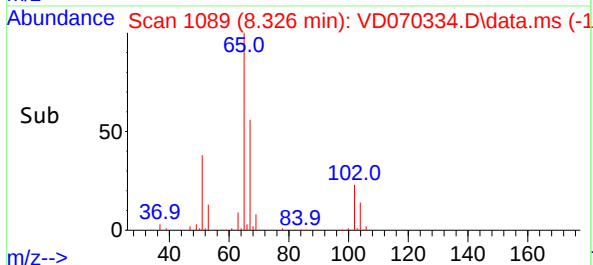
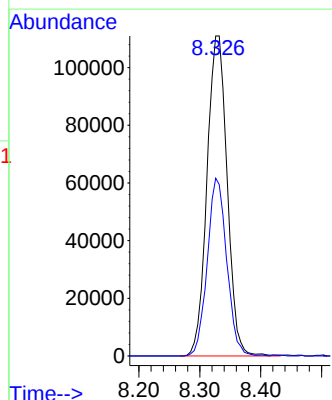
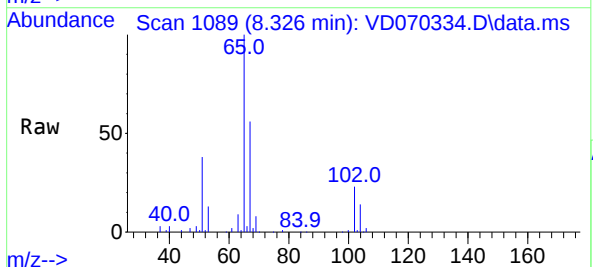
Instrument :
MSVOA_D
ClientSampleId :
A010015

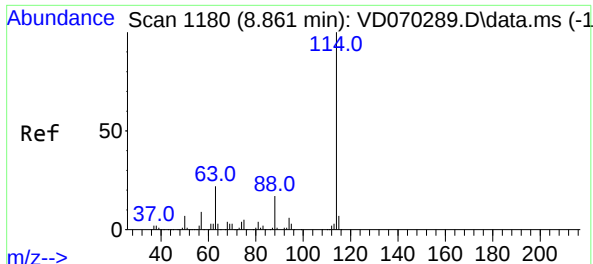
Tgt Ion: 97 Resp: 25696
Ion Ratio Lower Upper
97 100
99 61.6 51.1 76.7
61 40.8 31.4 47.0



#33
1,2-Dichloroethane-d4
Concen: 56.937 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070334.D
Acq: 13 Sep 2021 18:50

Tgt Ion: 65 Resp: 255189
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.4

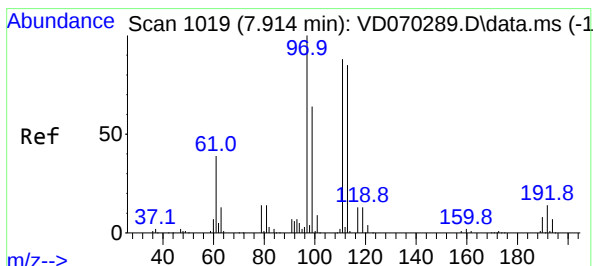
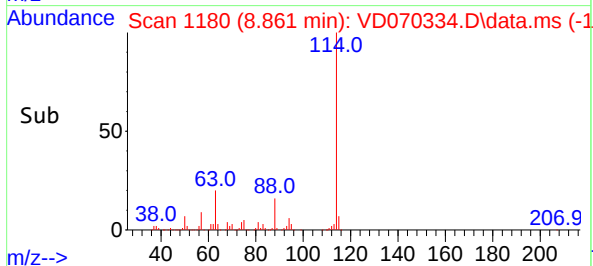
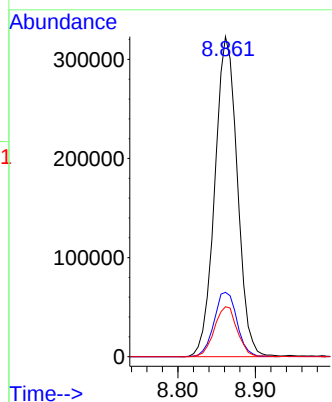
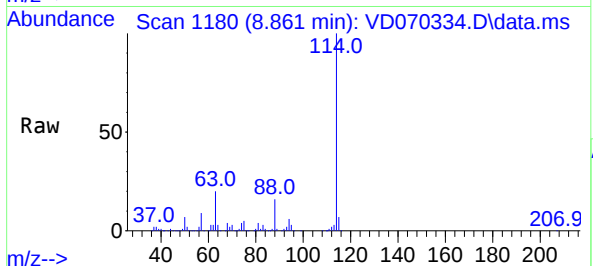




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070334.D
Acq: 13 Sep 2021 18:50

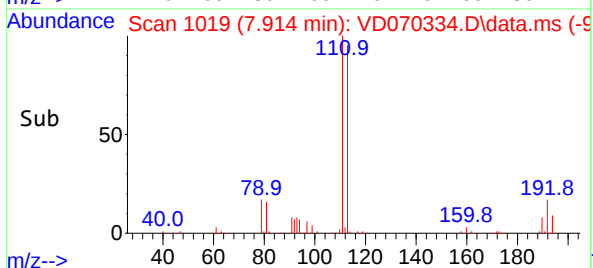
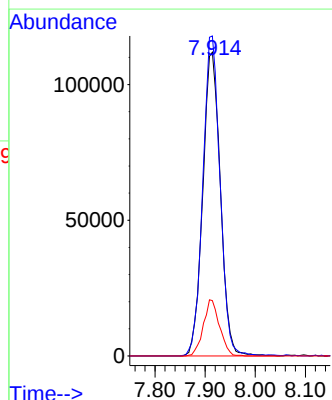
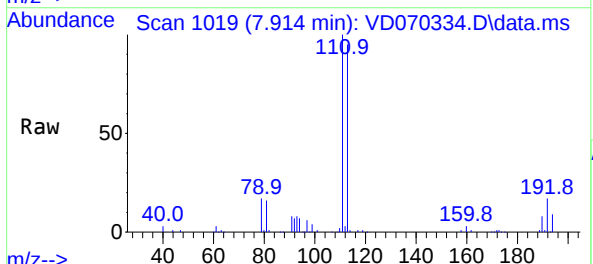
Instrument :
MSVOA_D
ClientSampleId :
A010015

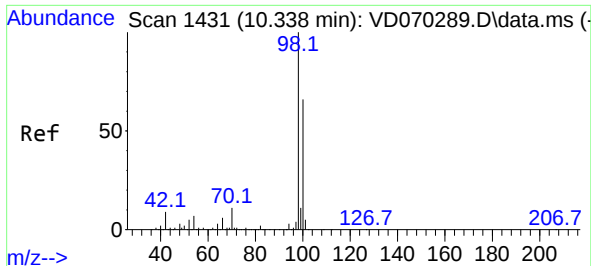
Tgt Ion:	114	Resp:	651286
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.4
88	15.6	0.0	33.4



#35
Dibromofluoromethane
Concen: 58.922 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070334.D
Acq: 13 Sep 2021 18:50

Tgt Ion:	113	Resp:	273160
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.2
192	17.0	13.0	19.6

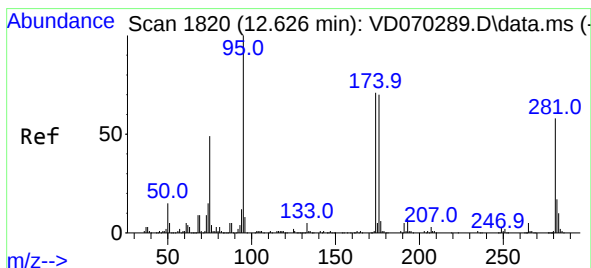
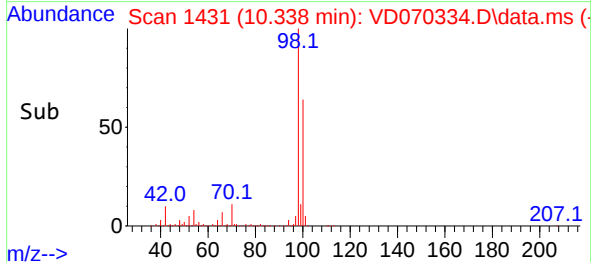
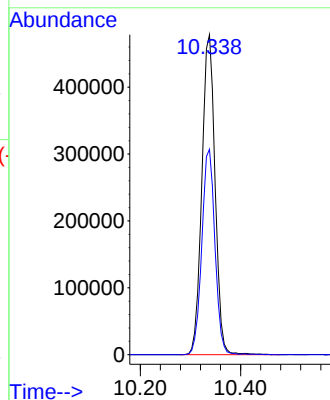
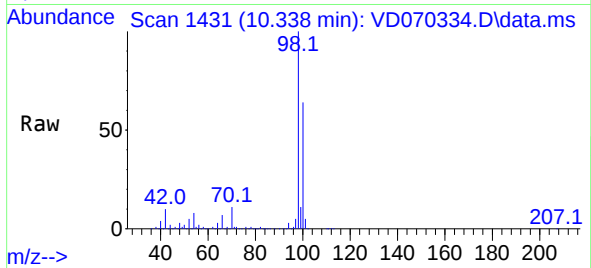




#50
Toluene-d8
Concen: 51.935 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070334.D
Acq: 13 Sep 2021 18:50

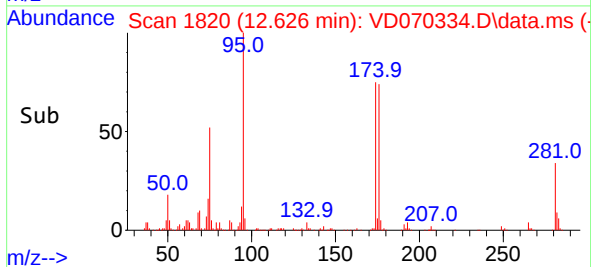
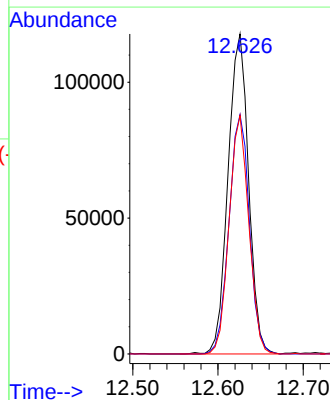
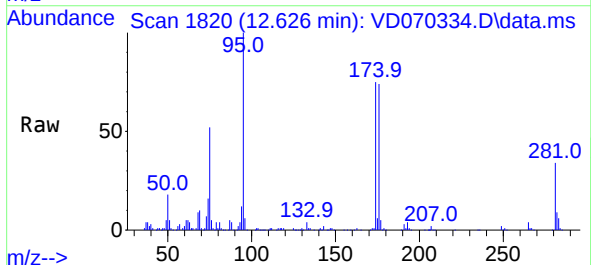
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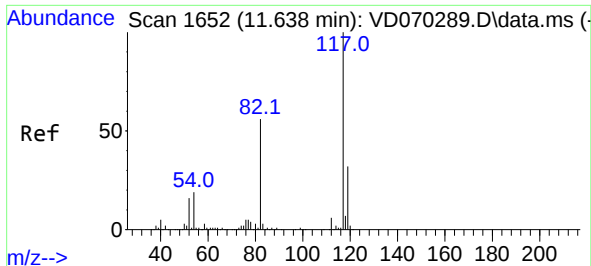
Tgt Ion: 98 Resp: 874176
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 33.554 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070334.D
Acq: 13 Sep 2021 18:50

Tgt Ion: 95 Resp: 197385
Ion Ratio Lower Upper
95 100
174 74.4 0.0 140.6
176 71.4 0.0 137.4

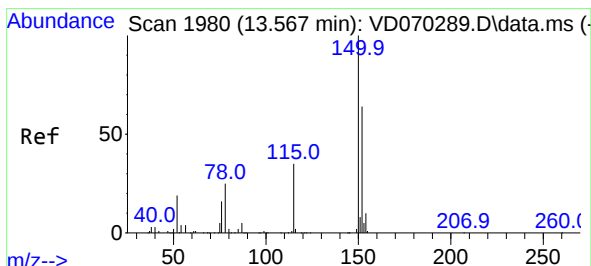
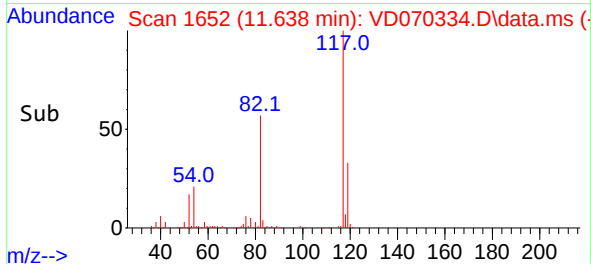
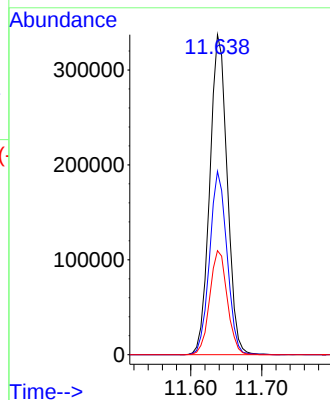
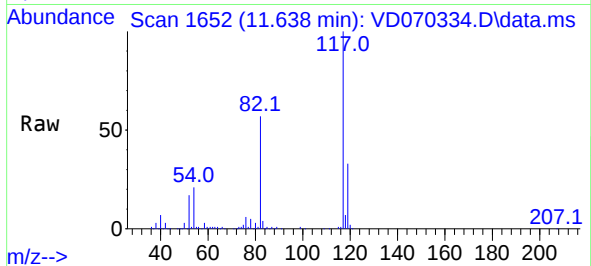




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070334.D
Acq: 13 Sep 2021 18:50

Instrument :
MSVOA_D
ClientSampleId :
A010015

Tgt Ion:	117	Resp:	575830
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.0	67.4
119	32.5	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: VD070334.D
Acq: 13 Sep 2021 18:50

Tgt Ion:	152	Resp:	133175
Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.1	96.3
150	156.8	0.0	350.6

