

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070338.D
 Acq On : 13 Sep 2021 20:45
 Operator : VA/SY
 Sample : M3687-27
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A011145

Quant Time: Sep 14 00:57:17 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)

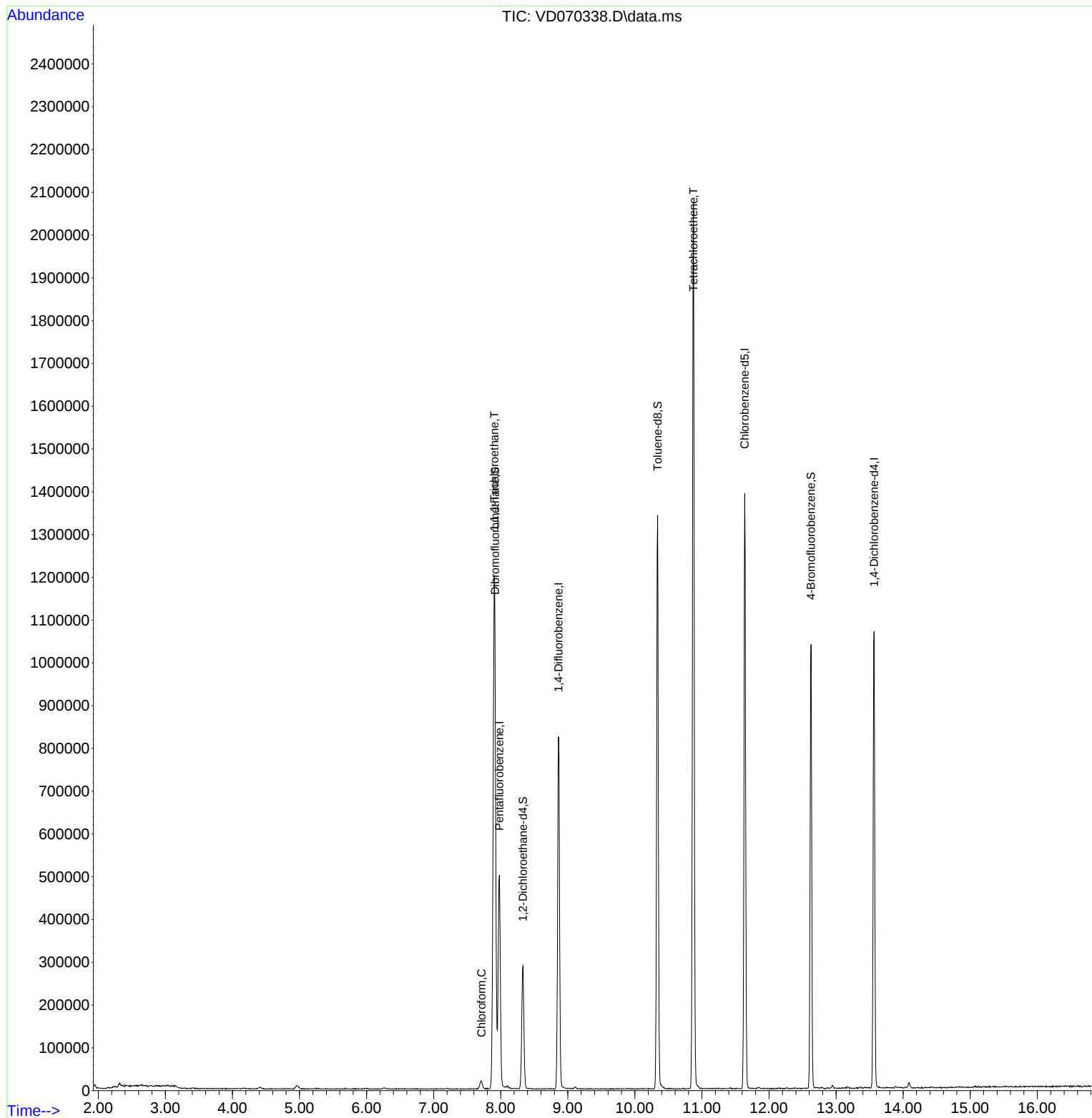
Internal Standards						
1) Pentafluorobenzene	7.979	168	350654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	698924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	800829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	279986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	229733	51.024	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.040%			
35) Dibromofluoromethane	7.914	113	249835	50.218	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.338	98	910891	50.428	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.626	95	341833	54.149	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.300%			
Target Compounds					Qvalue	
30) Chloroform	7.714	83	16204	1.740	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	777905	99.230	ug/l	98
64) Tetrachloroethene	10.873	164	473415	97.095	ug/l	98

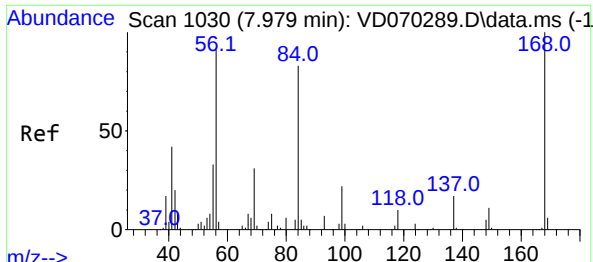
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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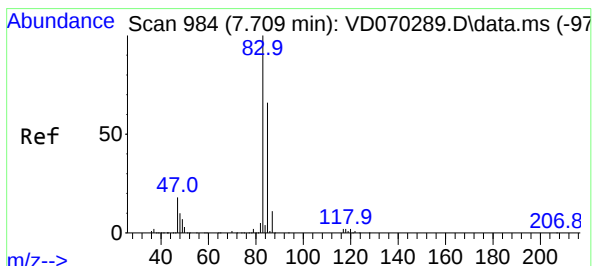
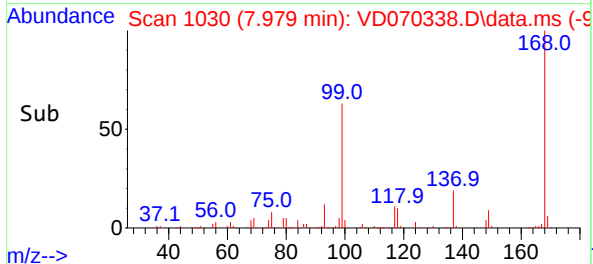
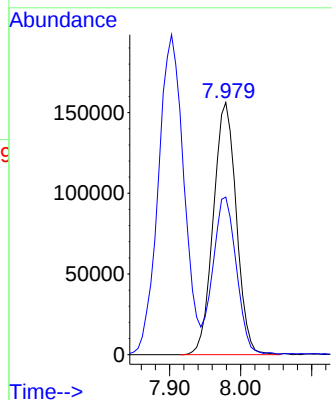
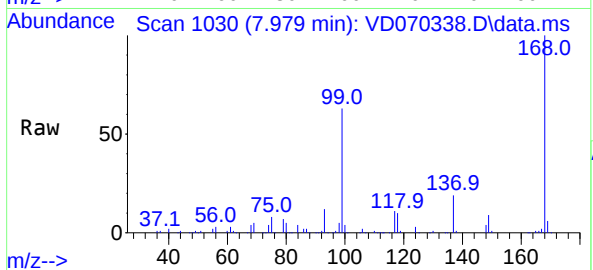




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

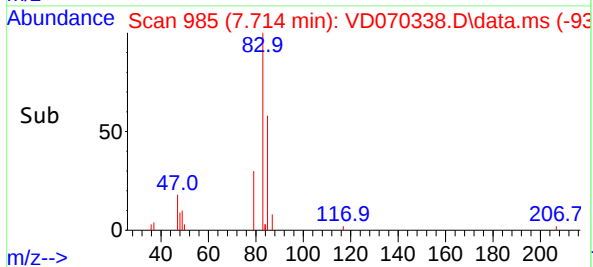
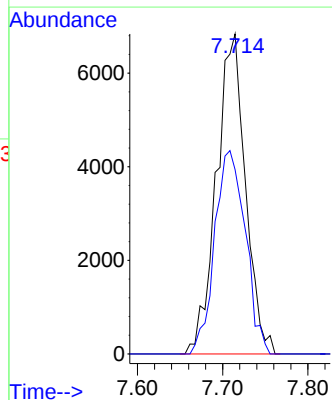
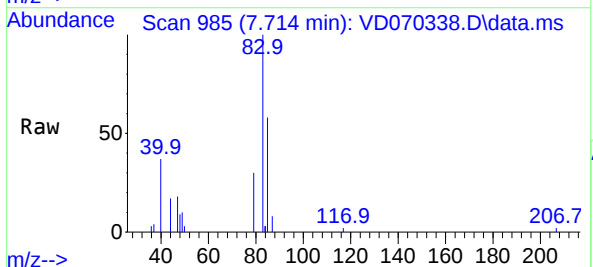
Instrument :
MSVOA_D
ClientSampleId :
A011145

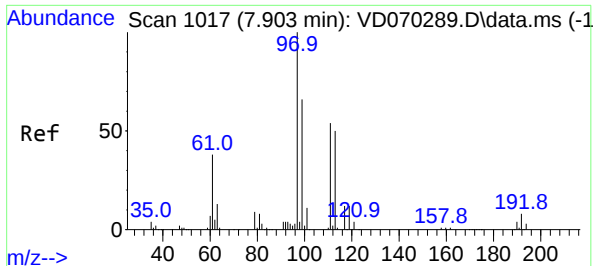
Tgt Ion:168 Resp: 350654
Ion Ratio Lower Upper
168 100
99 62.2 50.8 76.2



#30
Chloroform
Concen: 1.740 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.006 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

Tgt Ion: 83 Resp: 16204
Ion Ratio Lower Upper
83 100
85 57.6 52.5 78.7



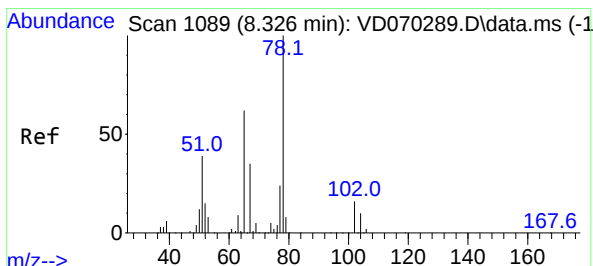
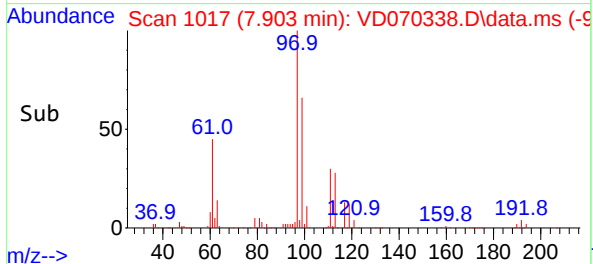
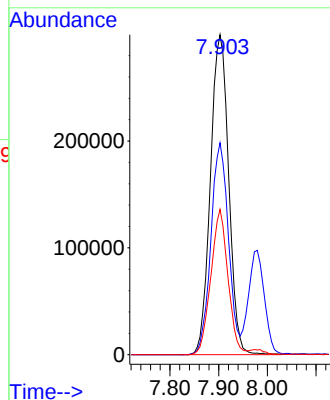
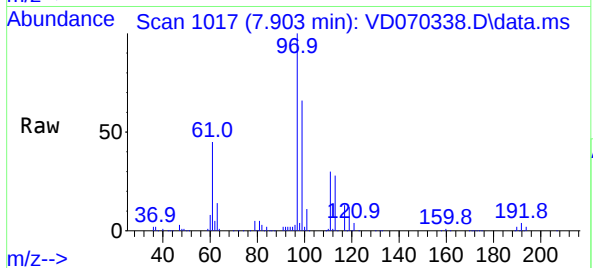


#32

1,1,1-Trichloroethane
Concen: 99.230 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

Instrument :
MSVOA_D
ClientSampleId :
A011145

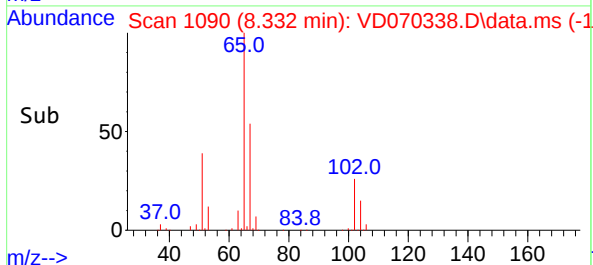
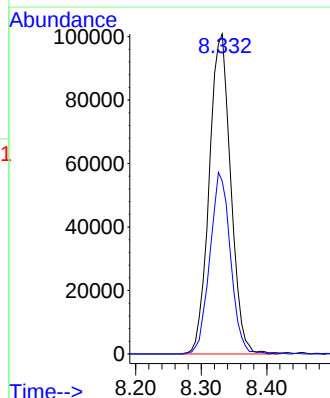
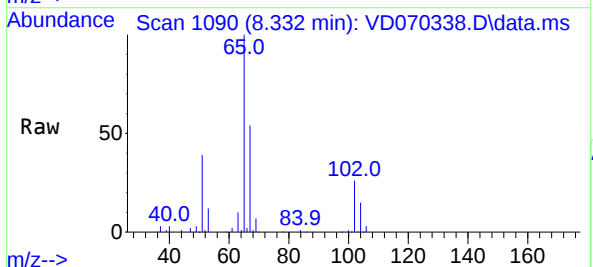
Tgt Ion: 97 Resp: 777905
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 42.6 31.4 47.0

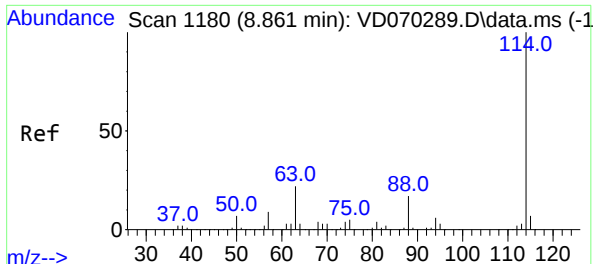


#33

1,2-Dichloroethane-d4
Concen: 51.024 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

Tgt Ion: 65 Resp: 229733
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.4



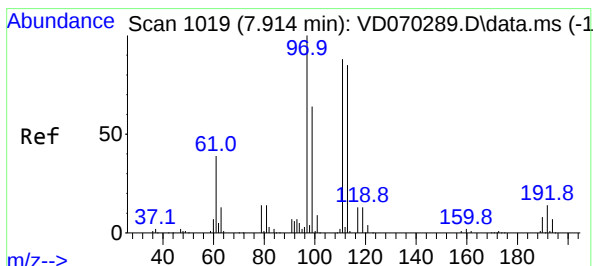
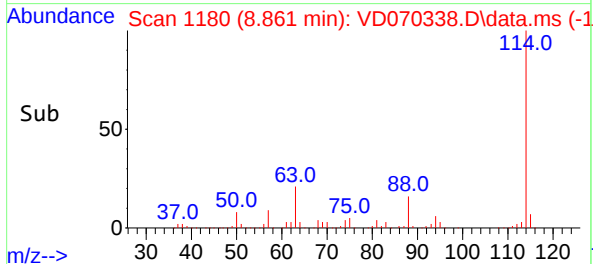
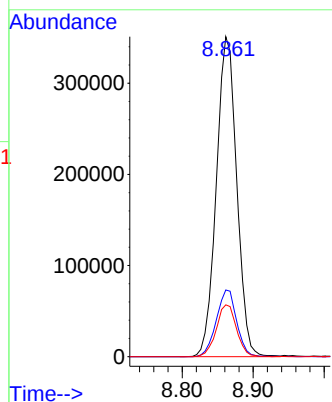
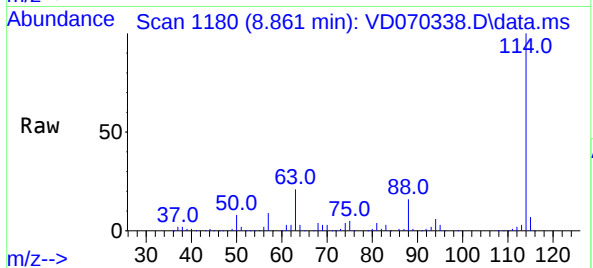


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

Instrument :
MSVOA_D
ClientSampleId :
A011145

Tgt Ion:114 Resp: 698924

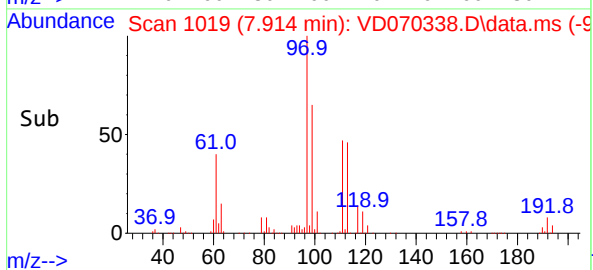
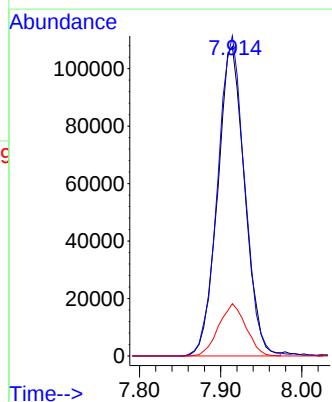
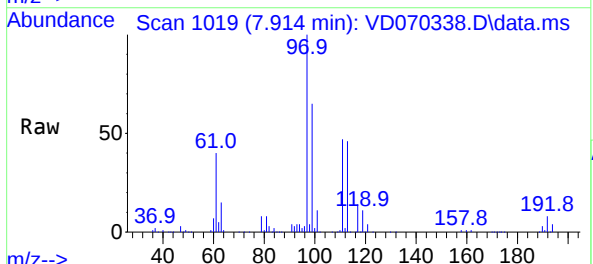
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.4
88	16.2	0.0	33.4

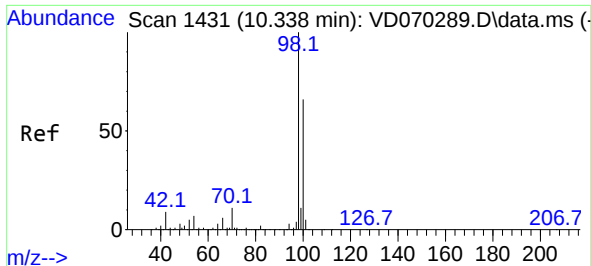


#35
Dibromofluoromethane
Concen: 50.218 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

Tgt Ion:113 Resp: 249835

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	17.0	13.0	19.6

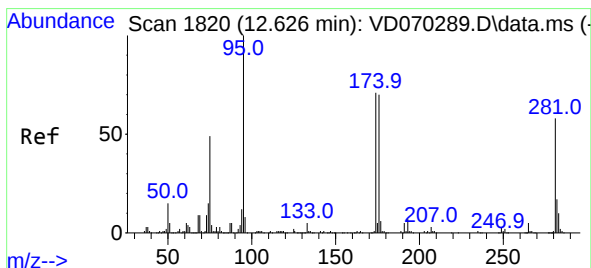
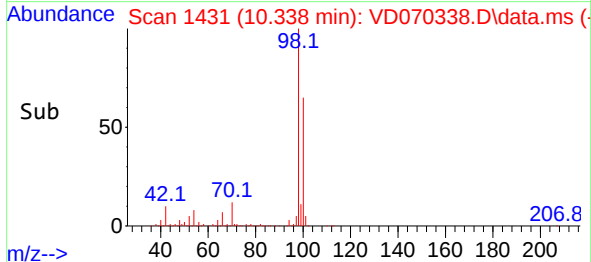
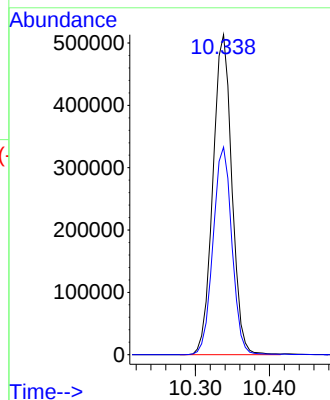
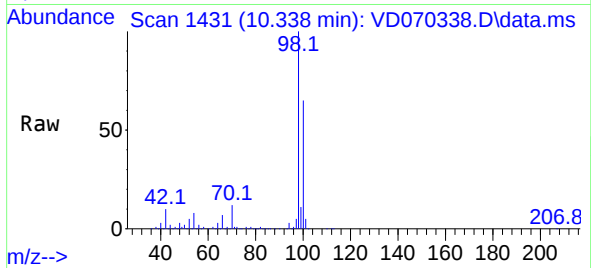




#50
Toluene-d8
Concen: 50.428 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

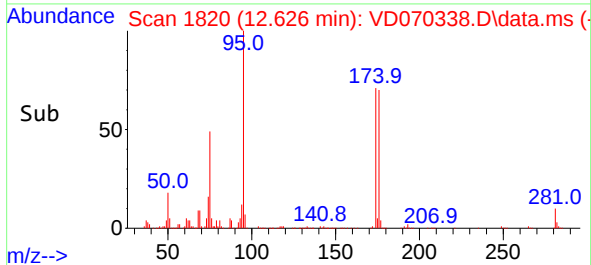
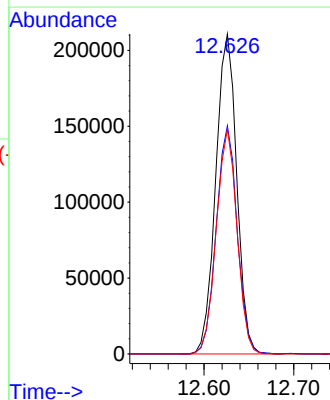
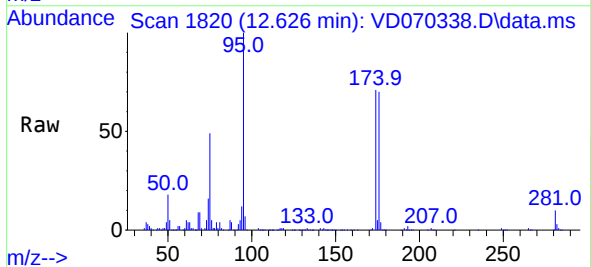
Instrument :
MSVOA_D
ClientSampleId :
A011145

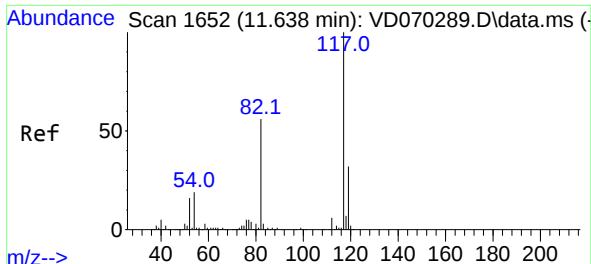
Tgt Ion: 98 Resp: 910891
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.149 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

Tgt Ion: 95 Resp: 341833
Ion Ratio Lower Upper
95 100
174 71.4 0.0 140.6
176 69.4 0.0 137.4

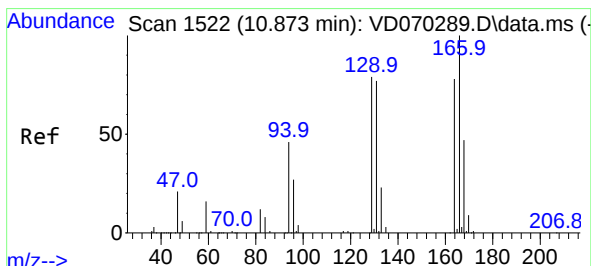
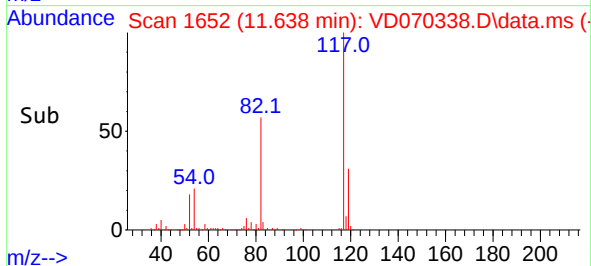
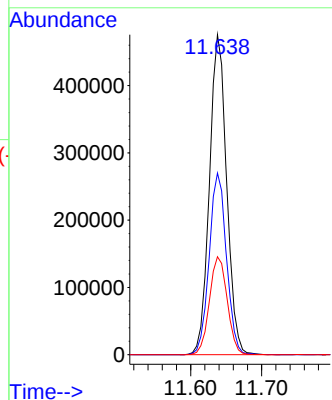
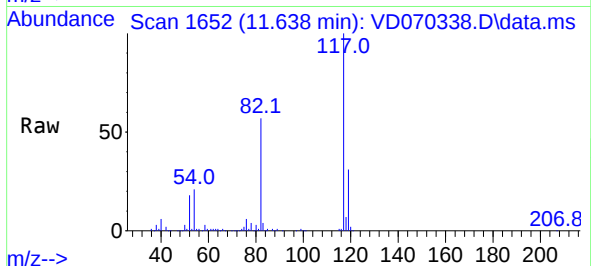




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

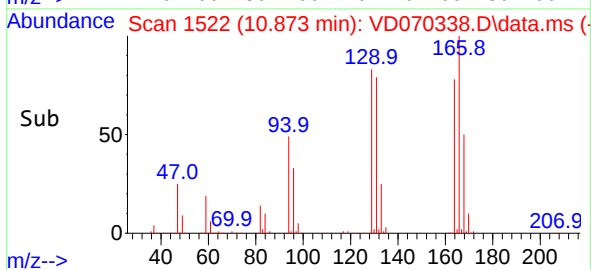
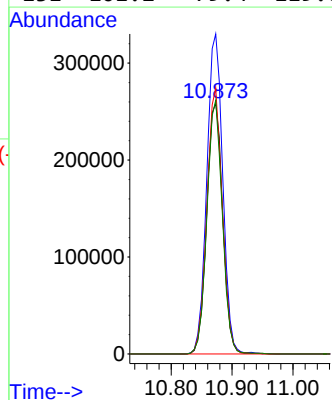
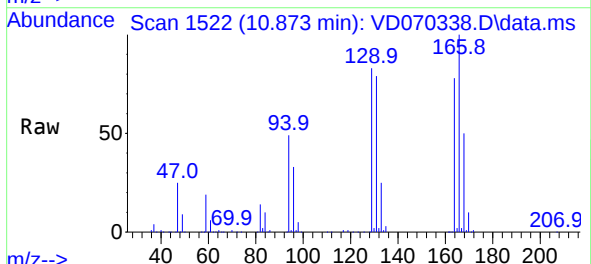
Instrument :
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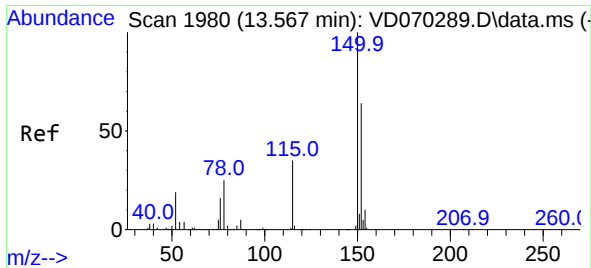
Tgt Ion:	117	Resp:	800829
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	30.6	25.2	37.8



#64
Tetrachloroethene
Concen: 97.095 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

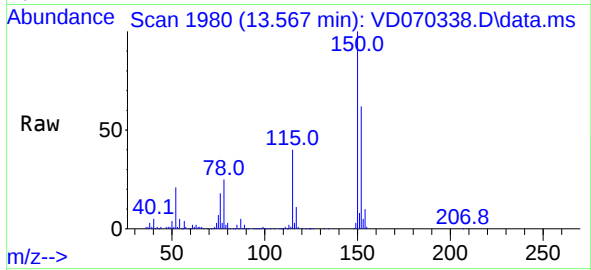
Tgt Ion:	164	Resp:	473415
Ion	Ratio	Lower	Upper
164	100		
166	127.6	102.4	153.6
129	106.0	80.9	121.3
131	101.2	79.4	119.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070338.D
Acq: 13 Sep 2021 20:45

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:152 Resp: 279986
Ion Ratio Lower Upper
152 100
115 62.7 32.1 96.3
150 159.9 0.0 350.6

