

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070298.D
 Acq On : 10 Sep 2021 14:25
 Operator : VA/SY
 Sample : M3691-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-090921

Quant Time: Sep 11 02:25:31 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)

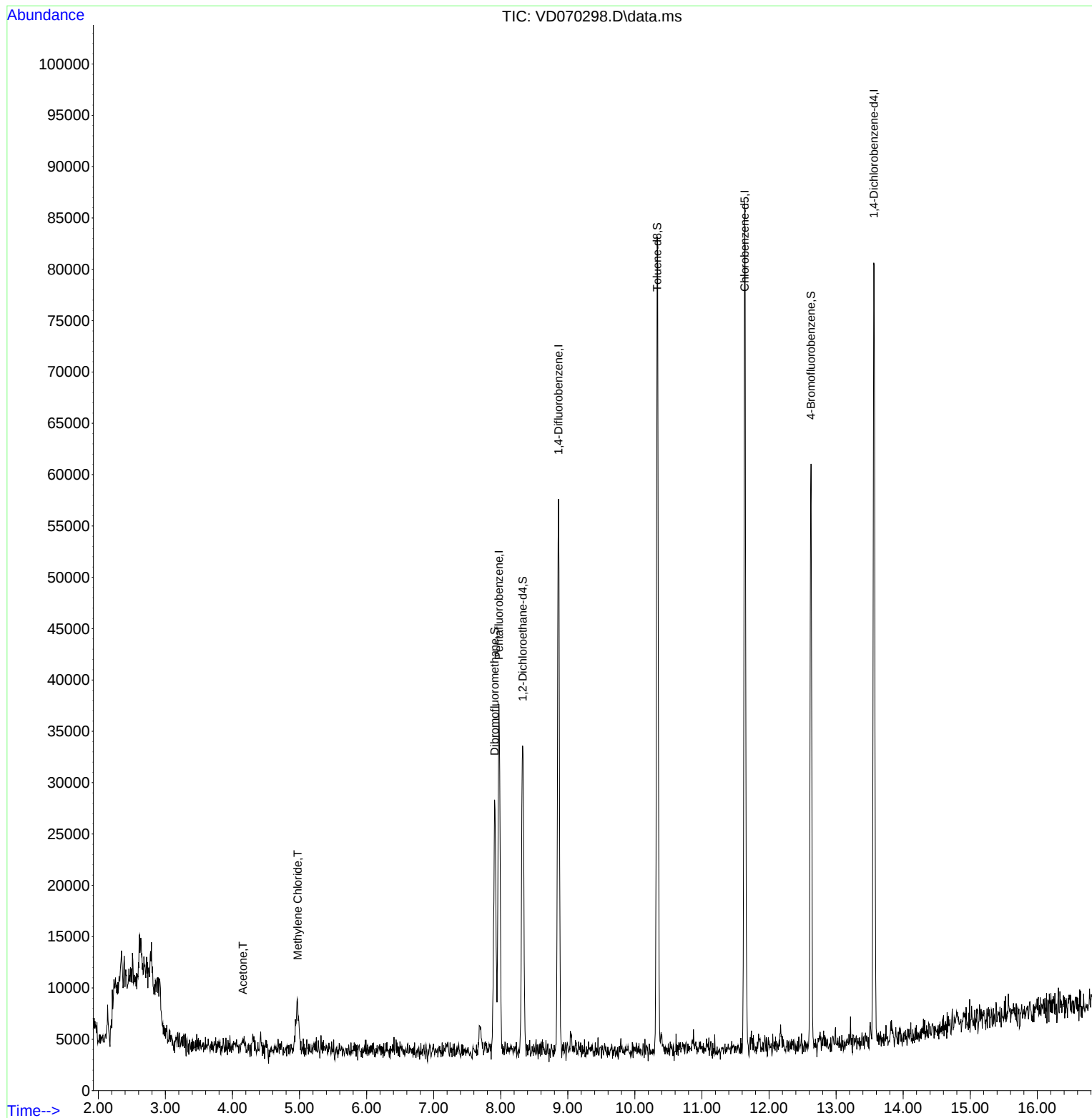
Internal Standards						
1) Pentafluorobenzene	7.973	168	22686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	44031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	46328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	22272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	24735	84.914	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 169.820%#		
35) Dibromofluoromethane	7.909	113	17340	55.325	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.660%		
50) Toluene-d8	10.332	98	56088	49.289	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 98.580%		
62) 4-Bromofluorobenzene	12.626	95	19129	48.099	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 96.200%		
Target Compounds						Qvalue
16) Acetone	4.156	43	1937	37.246	ug/l #	83
20) Methylene Chloride	4.973	84	4281	6.956	ug/l #	77

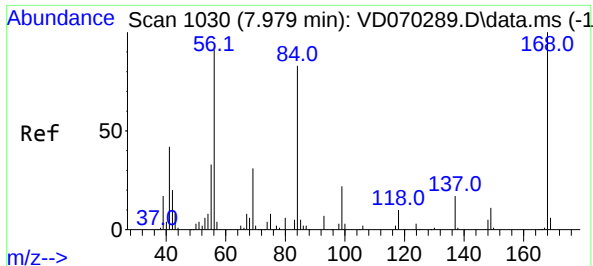
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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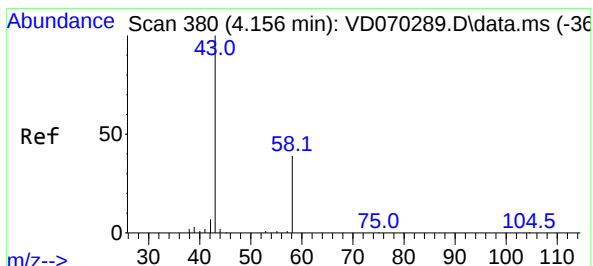
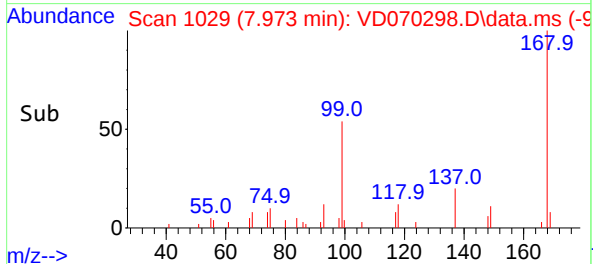
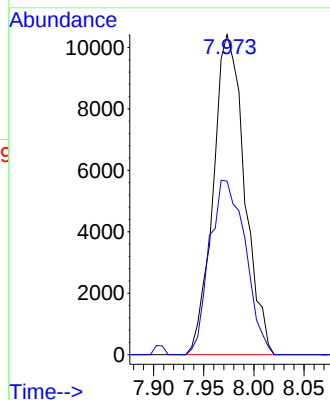
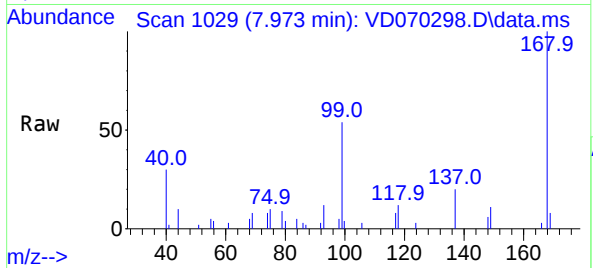




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

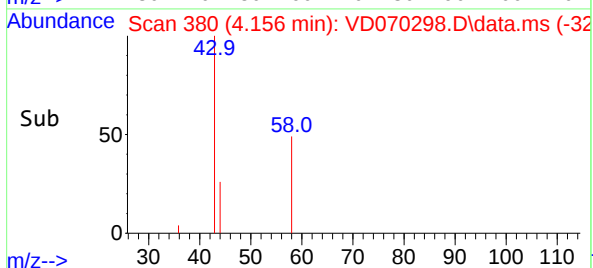
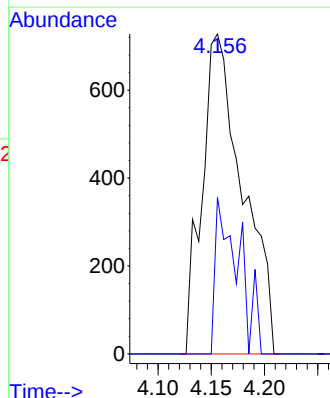
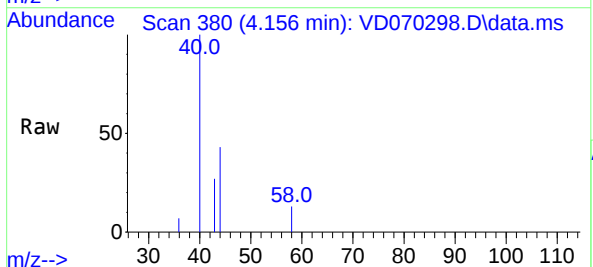
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921

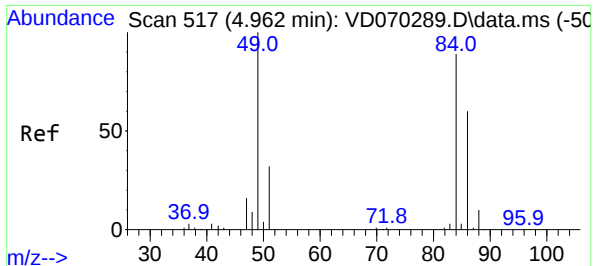
Tgt Ion:168 Resp: 22686
Ion Ratio Lower Upper
168 100
99 54.2 50.8 76.2



#16
Acetone
Concen: 37.246 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
58 48.9 30.9 46.3#

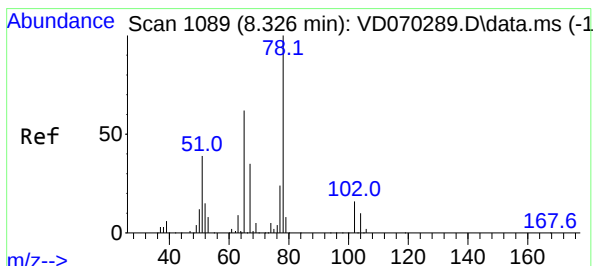
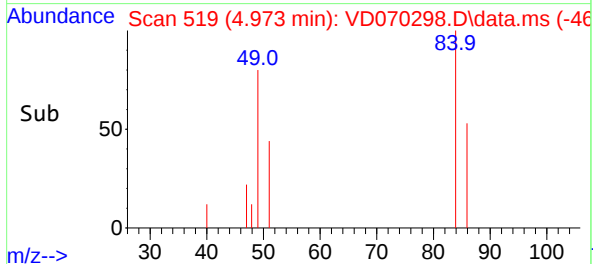
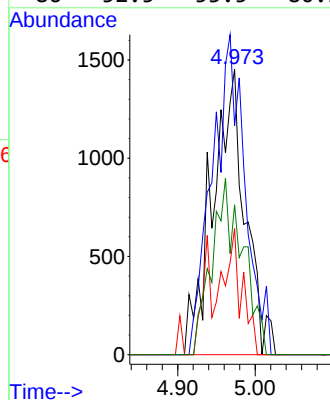
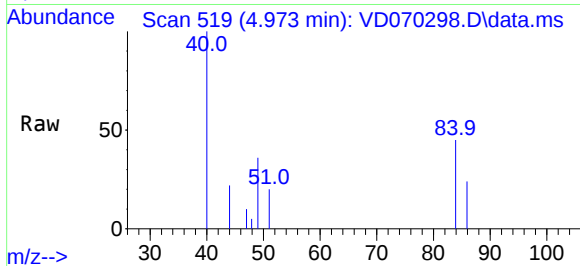




#20
Methylene Chloride
Concen: 6.956 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

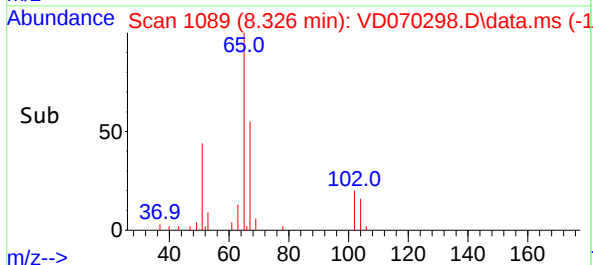
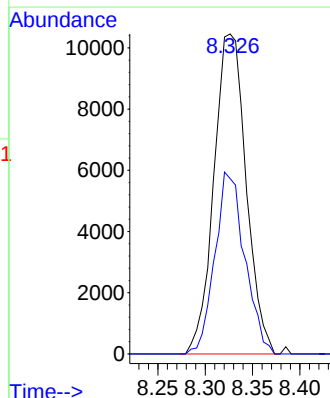
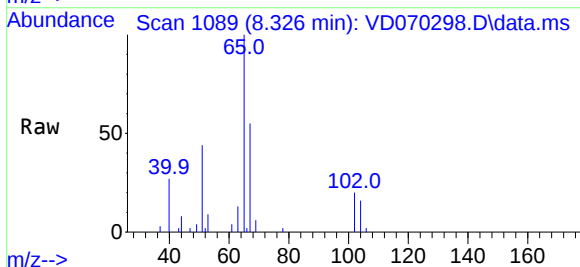
Instrument :
MSVOA_D
ClientSampleId :
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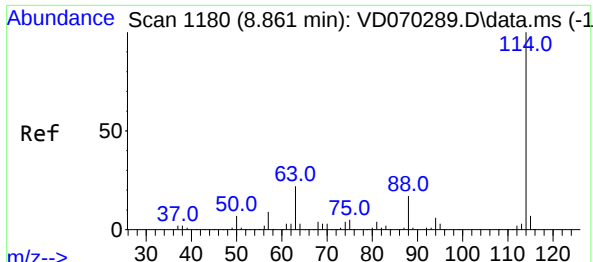
Tgt Ion:	84	Resp:	4281
Ion	Ratio	Lower	Upper
84	100		
49	80.2	89.6	134.4#
51	44.2	28.6	43.0#
86	52.5	53.5	80.3#



#33
1,2-Dichloroethane-d4
Concen: 84.914 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

Tgt Ion:	65	Resp:	24735
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	111.4

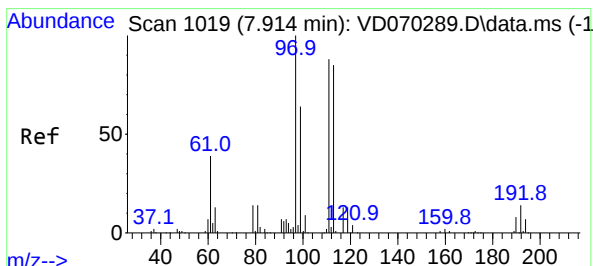
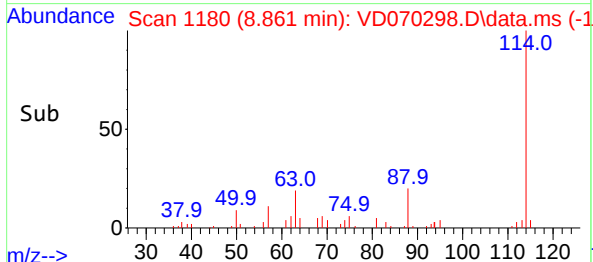
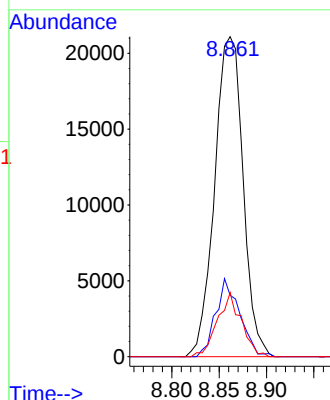
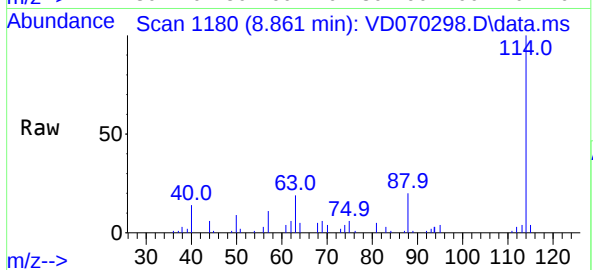




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

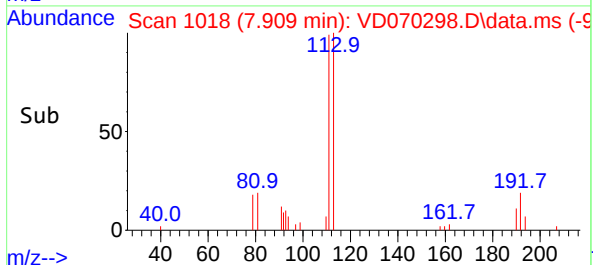
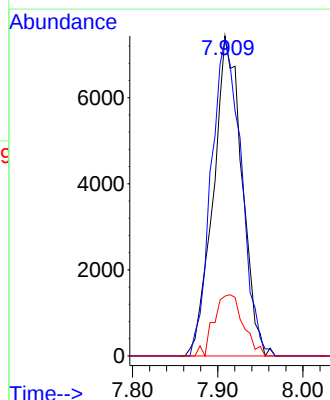
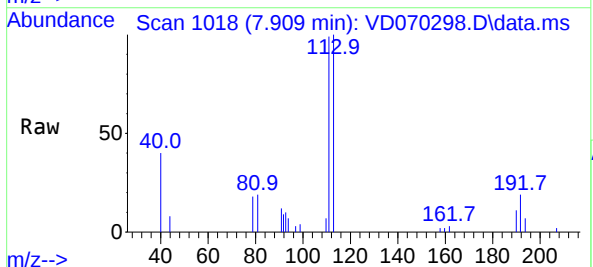
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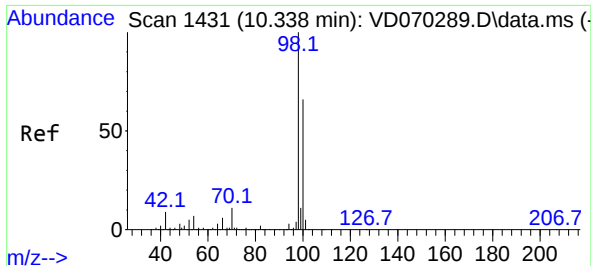
Tgt Ion:	114	Resp:	44031
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	43.4
88	20.1	0.0	33.4



#35
Dibromofluoromethane
Concen: 55.325 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

Tgt Ion:	113	Resp:	17340
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.4	122.2
192	19.6	13.0	19.6#

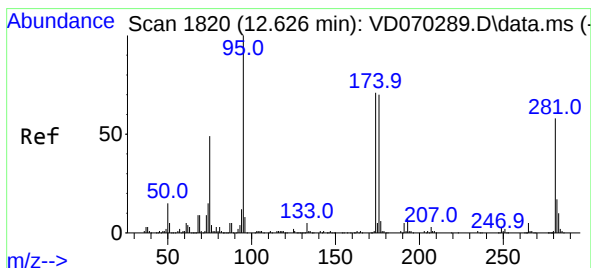
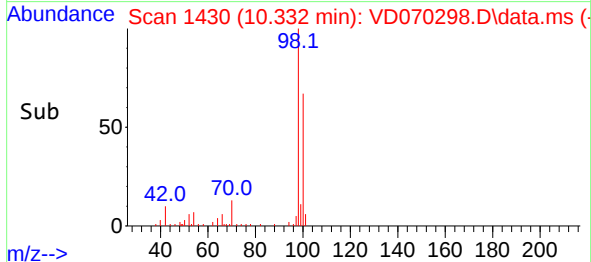
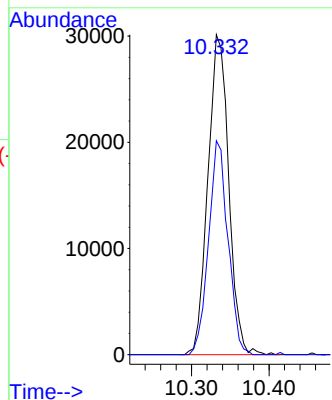
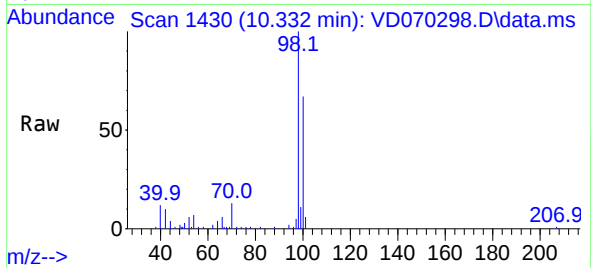




#50
Toluene-d8
Concen: 49.289 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

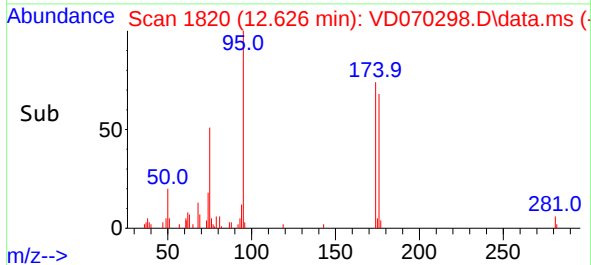
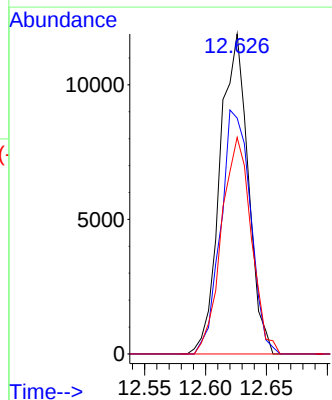
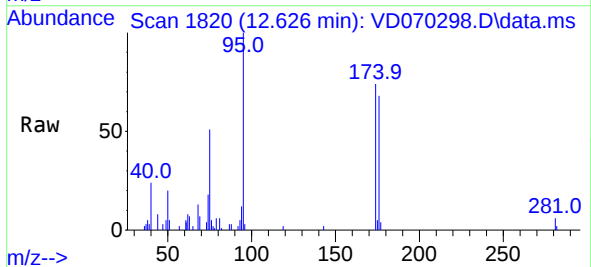
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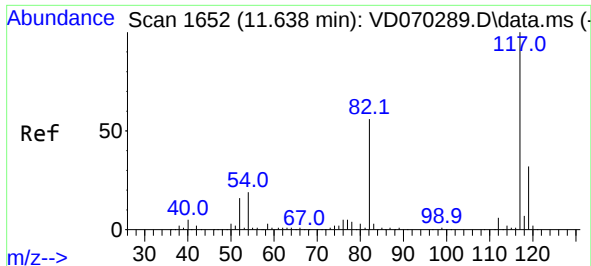
Tgt Ion: 98 Resp: 56088
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.099 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

Tgt Ion: 95 Resp: 19129
Ion Ratio Lower Upper
95 100
174 80.3 0.0 140.6
176 71.6 0.0 137.4

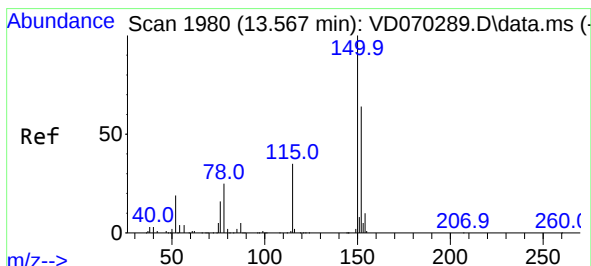
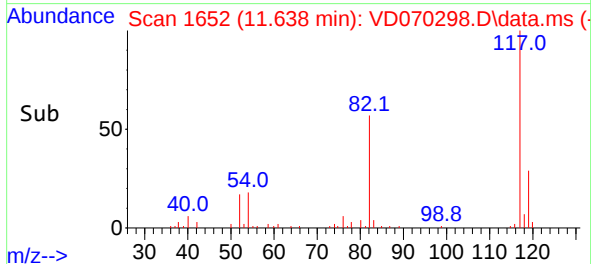
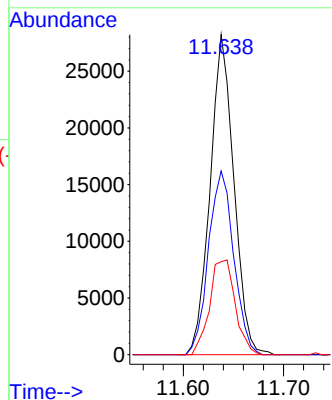
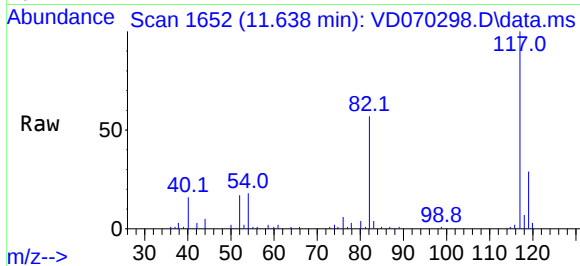




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921

Tgt Ion:	117	Resp:	46328
Ion Ratio	Lower	Upper	
117	100		
82	57.4	45.0	67.4
119	29.0	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070298.D
Acq: 10 Sep 2021 14:25

Tgt Ion:	152	Resp:	22272
Ion Ratio	Lower	Upper	
152	100		
115	60.6	32.1	96.3
150	150.5	0.0	350.6

