

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062121\
 Data File : VD069506.D
 Acq On : 21 Jun 2021 17:53
 Operator : VA/SY
 Sample : M2764-03RE
 Misc : 8.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHC-250EM-002RE

Quant Time: Jun 22 05:09:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

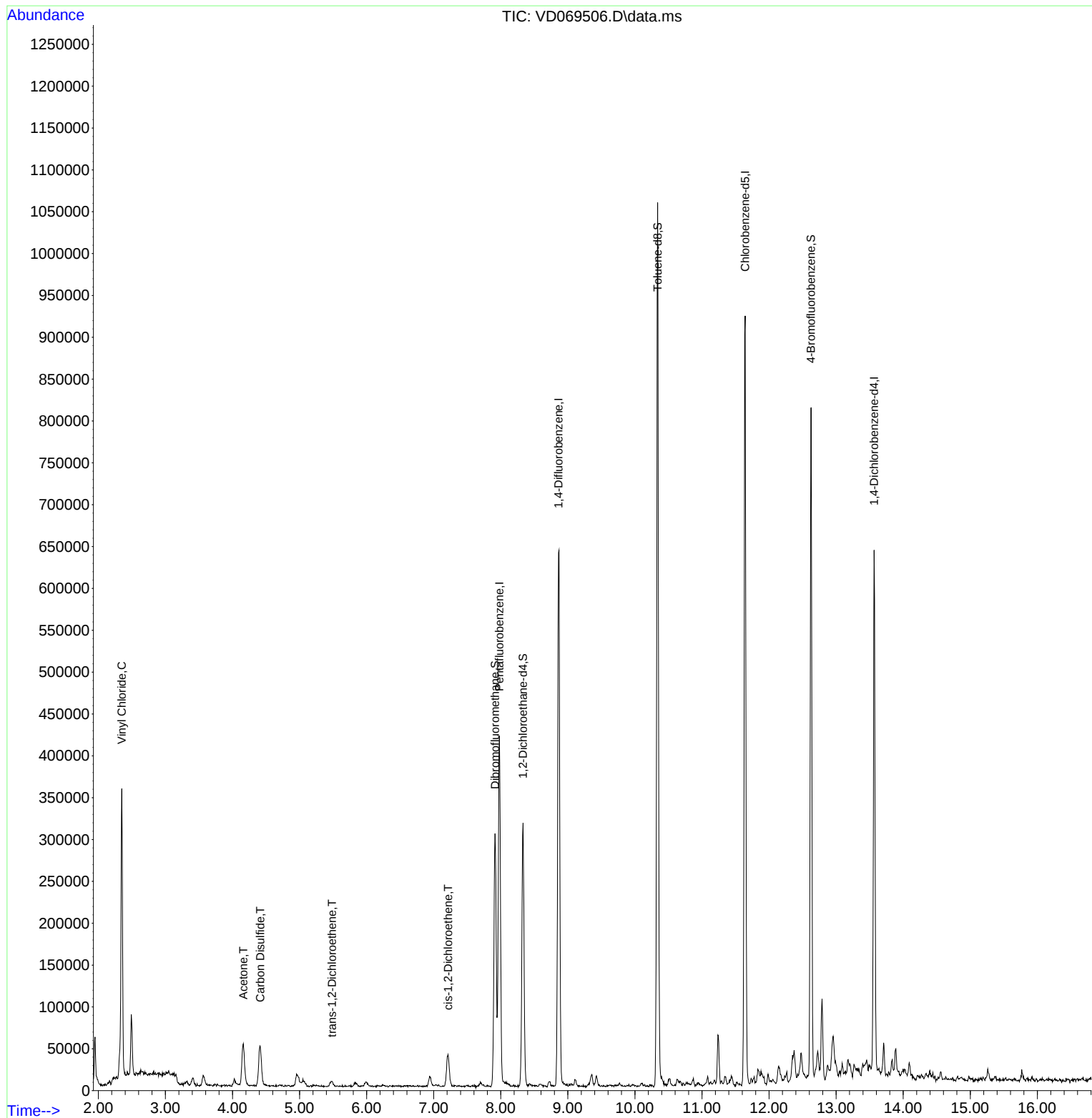
Internal Standards						
1) Pentafluorobenzene	7.979	168	286157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	548539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	524263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	165596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	248655	69.712	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.420%			
35) Dibromofluoromethane	7.914	113	217837	58.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.500%			
50) Toluene-d8	10.338	98	699118	50.265	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.626	95	212079	46.381	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.760%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	304994	68.147	ug/l	97
16) Acetone	4.161	43	85675	142.705	ug/l	89
17) Carbon Disulfide	4.414	76	104629	11.246	ug/l	98
21) trans-1,2-Dichloroethene	5.485	96	4333	1.271	ug/l #	60
27) cis-1,2-Dichloroethene	7.214	96	15694	4.237	ug/l	90

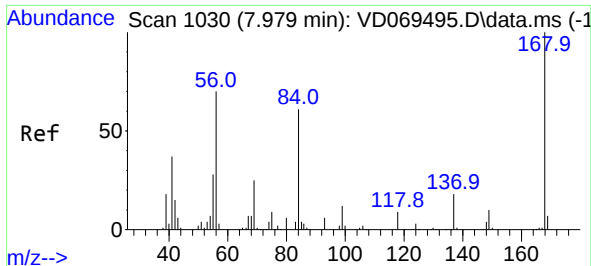
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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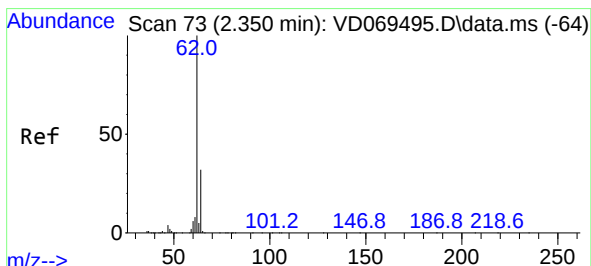
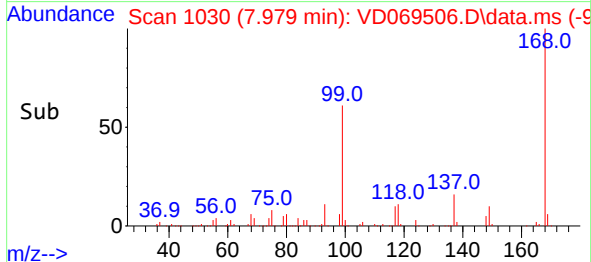
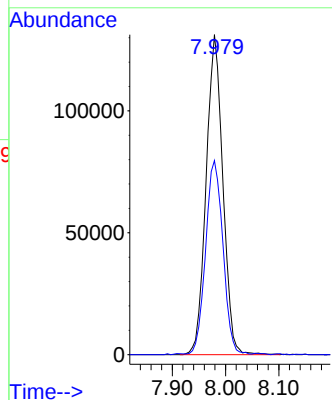
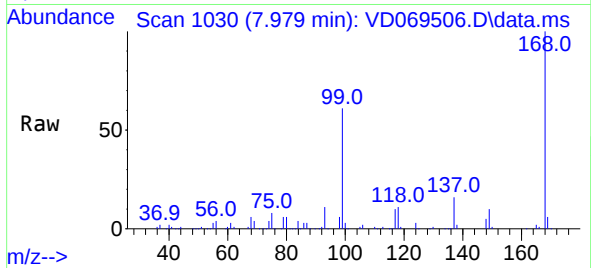




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

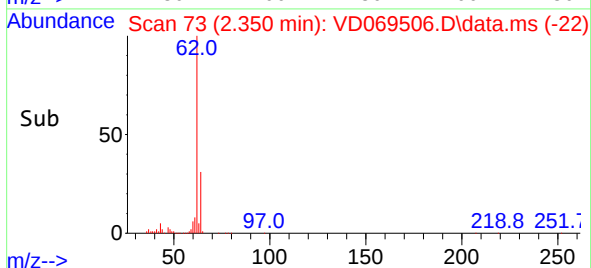
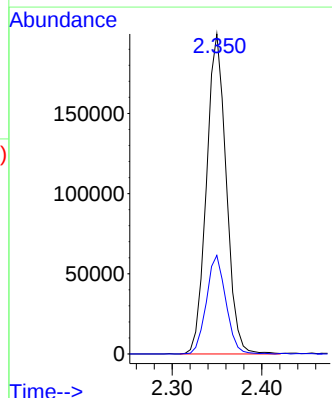
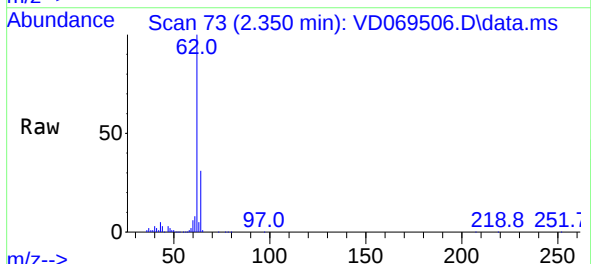
Instrument :
MSVOA_D
ClientSampleId :
PHC-250EM-002RE

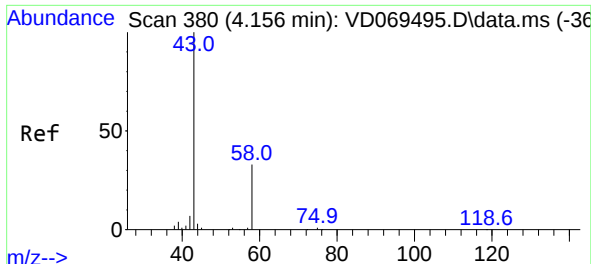
Tgt Ion:168 Resp: 286157
Ion Ratio Lower Upper
168 100
99 60.3 49.3 73.9



#4
Vinyl Chloride
Concen: 68.147 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

Tgt Ion: 62 Resp: 304994
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.8

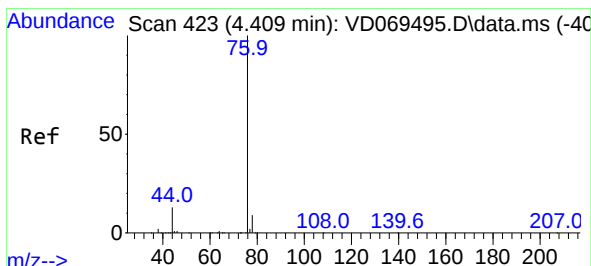
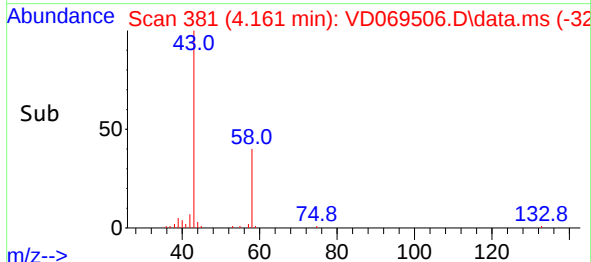
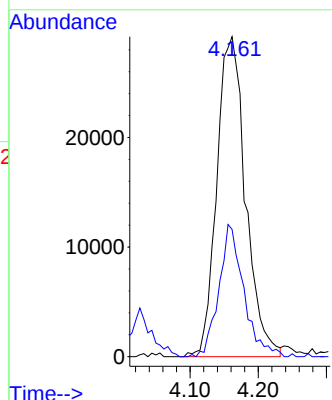
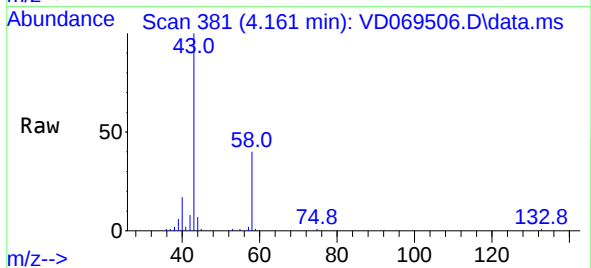




#16
Acetone
Concen: 142.705 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

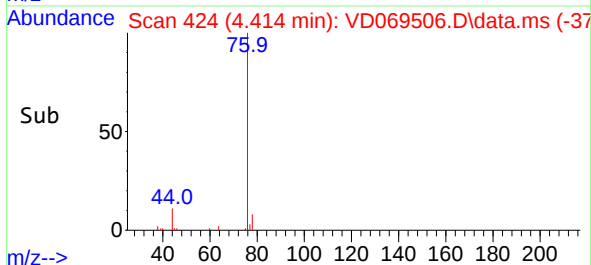
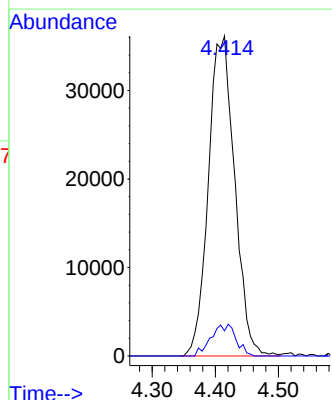
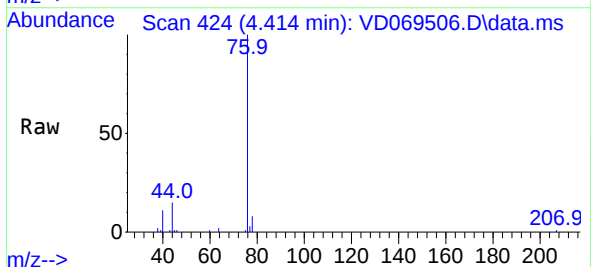
Instrument :
MSVOA_D
ClientSampleId :
PHC-250EM-002RE

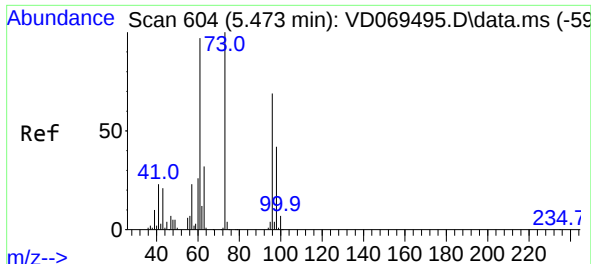
Tgt Ion: 43 Resp: 85675
Ion Ratio Lower Upper
43 100
58 39.8 26.8 40.2



#17
Carbon Disulfide
Concen: 11.246 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

Tgt Ion: 76 Resp: 104629
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.4

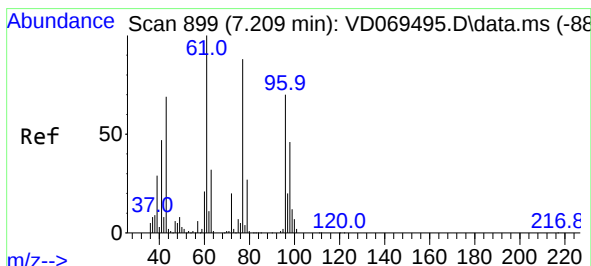
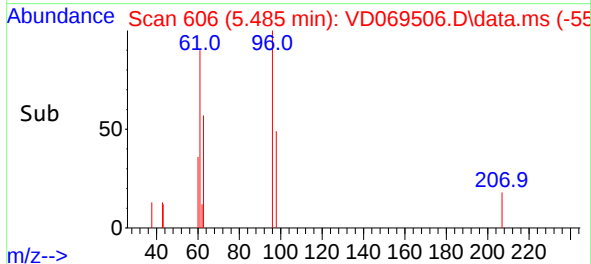
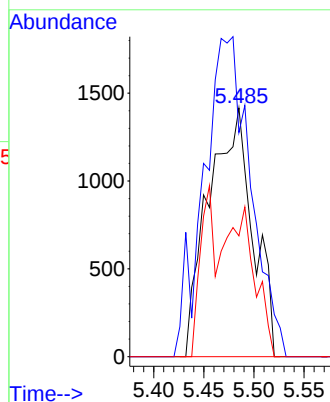
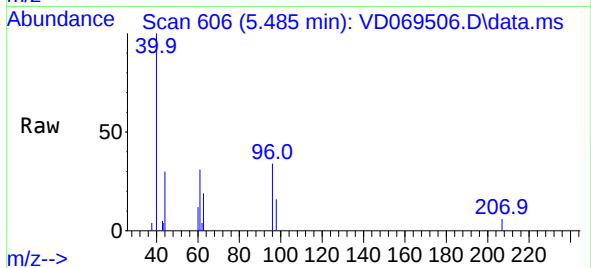




#21
trans-1,2-Dichloroethene
Concen: 1.271 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.012 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

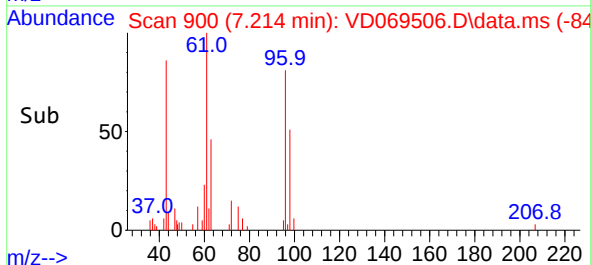
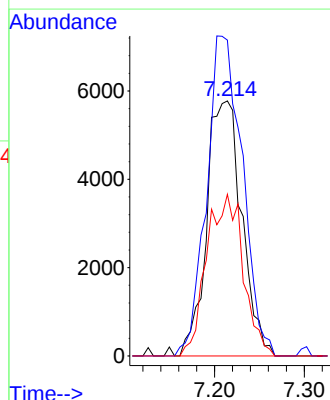
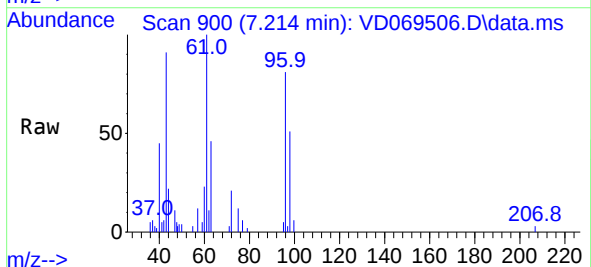
Instrument :
MSVOA_D
ClientSampleId :
PHC-250EM-002RE

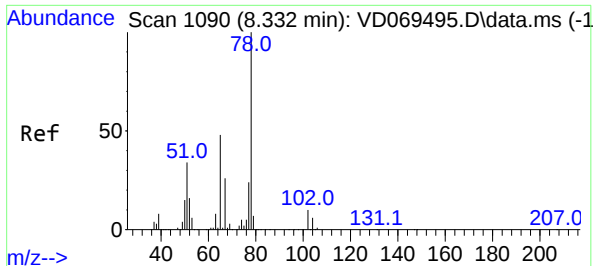
Tgt Ion: 96 Resp: 4333
Ion Ratio Lower Upper
96 100
61 78.5 111.8 167.6#
98 48.6 48.5 72.7



#27
cis-1,2-Dichloroethene
Concen: 4.237 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

Tgt Ion: 96 Resp: 15694
Ion Ratio Lower Upper
96 100
61 127.8 0.0 290.8
98 65.9 0.0 131.8

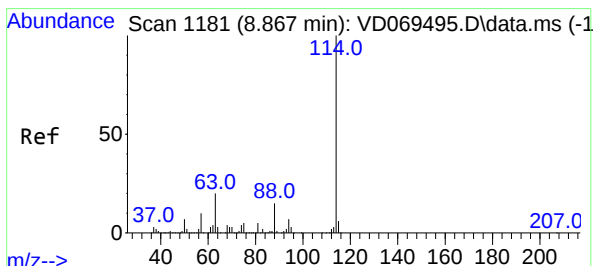
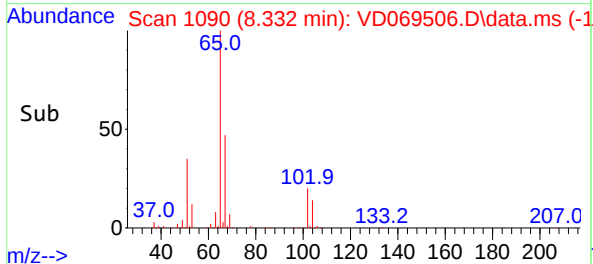
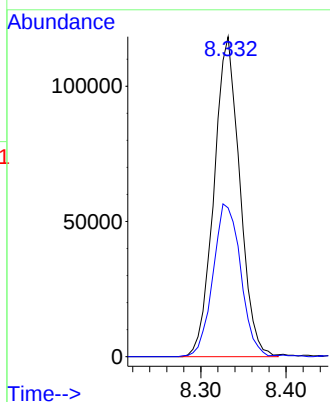
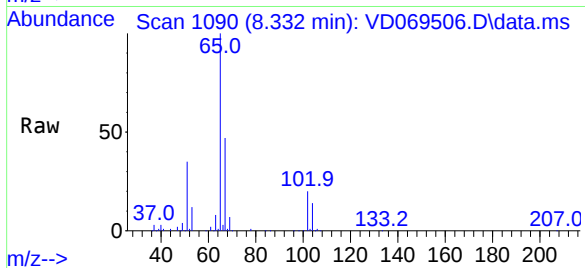




#33
1,2-Dichloroethane-d4
Concen: 69.712 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

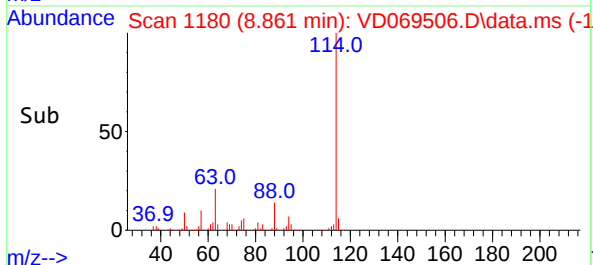
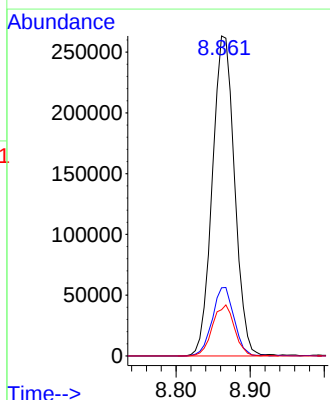
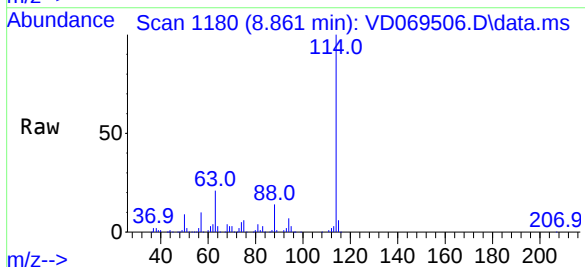
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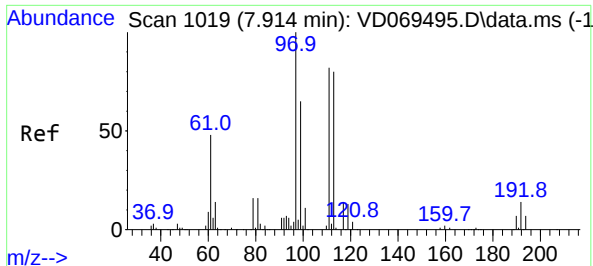
Tgt Ion: 65 Resp: 248655
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

Tgt Ion:114 Resp: 548539
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.6
88 14.5 0.0 29.8

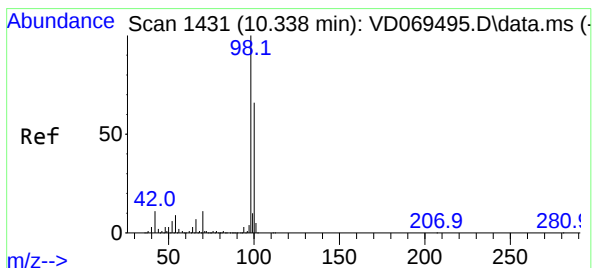
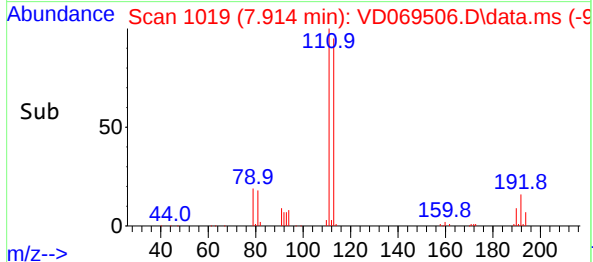
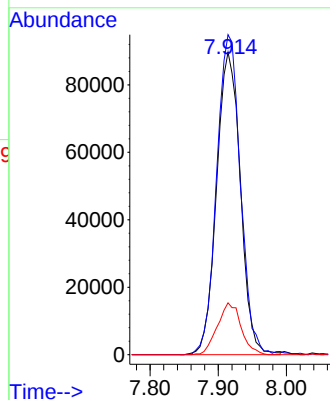
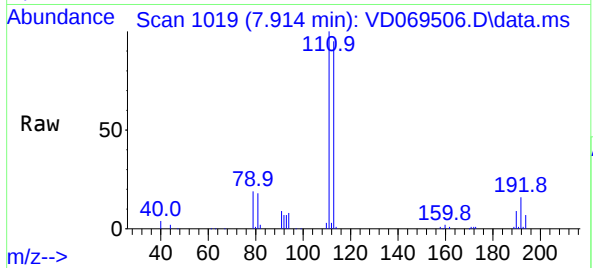




#35
Dibromofluoromethane
Concen: 58.748 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

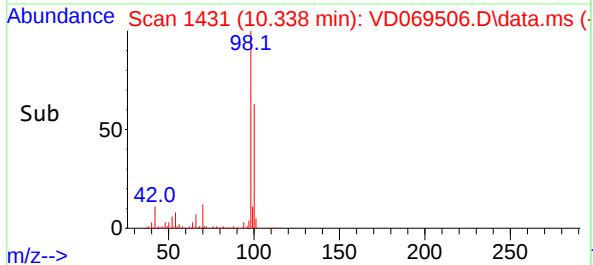
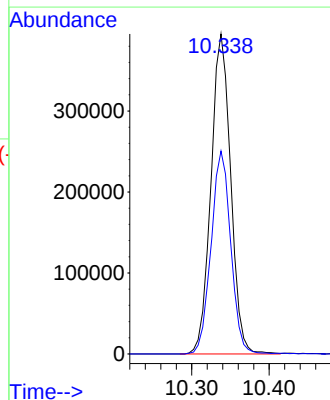
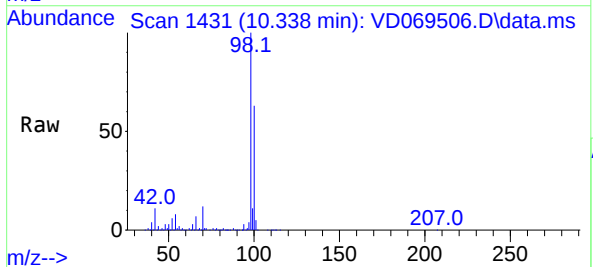
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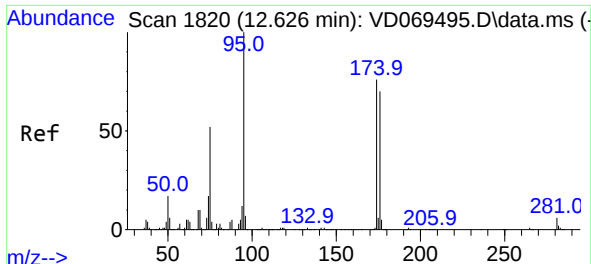
Tgt Ion:113 Resp: 217837
Ion Ratio Lower Upper
113 100
111 105.5 81.8 122.8
192 17.0 13.8 20.6



#50
Toluene-d8
Concen: 50.265 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

Tgt Ion: 98 Resp: 699118
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5

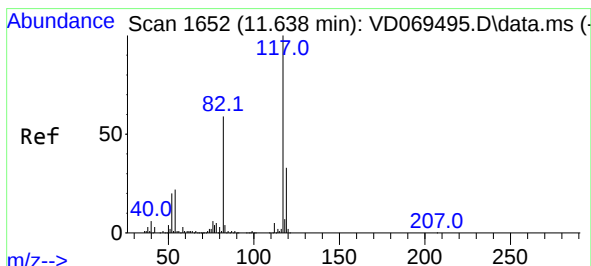
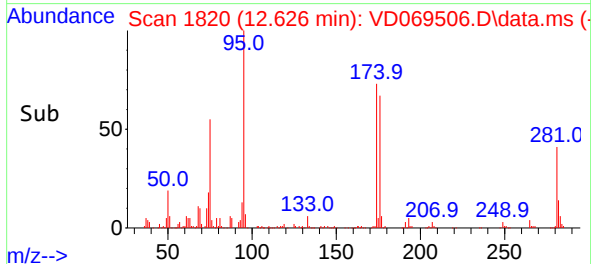
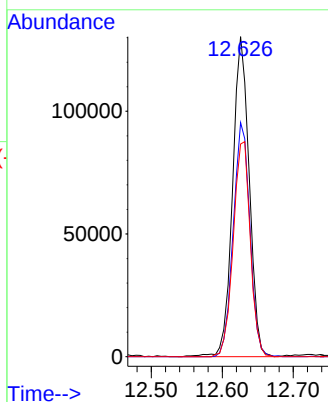
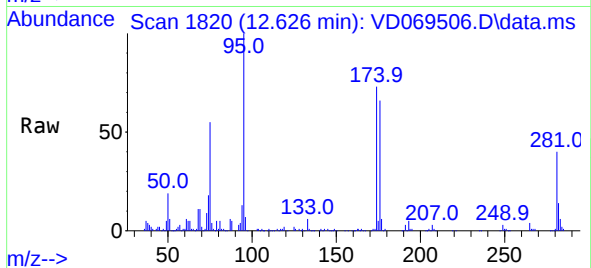




#62
4-Bromofluorobenzene
Concen: 46.381 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

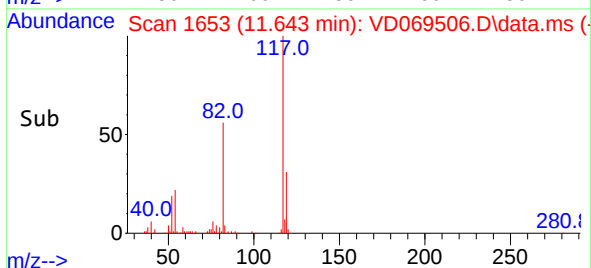
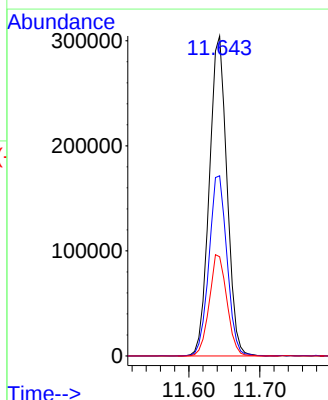
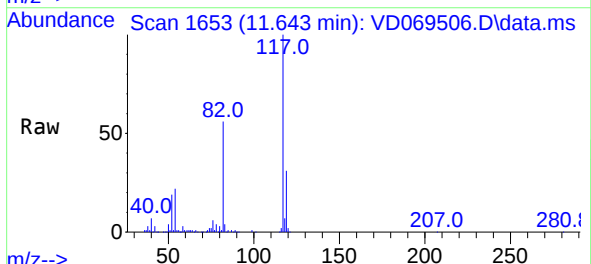
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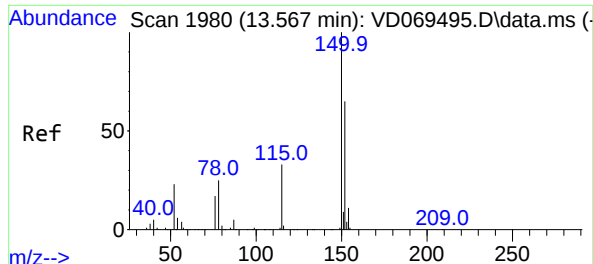
Tgt Ion: 95 Resp: 212079
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.0
176 68.9 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069506.D
Acq: 21 Jun 2021 17:53

Tgt Ion: 117 Resp: 524263
Ion Ratio Lower Upper
117 100
82 56.2 46.8 70.2
119 31.0 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069506.D
 Acq: 21 Jun 2021 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 PHC-250EM-002RE

Tgt Ion:152 Resp: 165596

Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.7	95.1
150	152.8	0.0	350.8

