

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069938.D
 Acq On : 30 Jul 2021 15:57
 Operator : VA/SY
 Sample : M3235-03
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-462-COMPRES

Quant Time: Jul 31 00:38:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

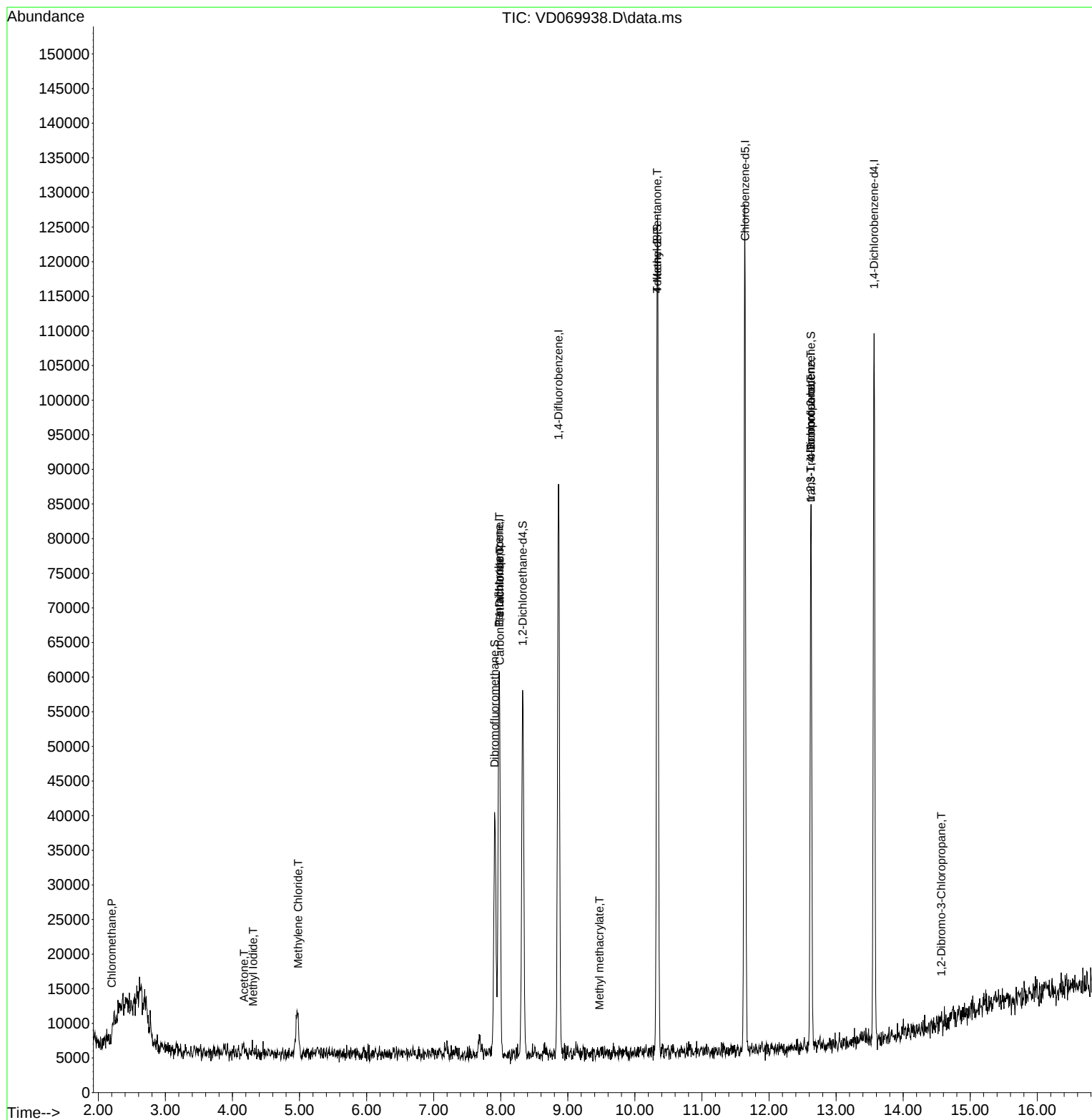
Internal Standards						
1) Pentafluorobenzene	7.973	168	42010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	72285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	69605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	28131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	41204	85.282	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 170.560%#			
35) Dibromofluoromethane	7.908	113	25386	55.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.420%			
50) Toluene-d8	10.332	98	88548	50.395	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.626	95	26569	45.245	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.480%			
Target Compounds						Qvalue
3) Chloromethane	2.203	50	803	1.252	ug/l #	78
10) Methyl Iodide	4.309	142	475	4.309	ug/l #	40
16) Acetone	4.173	43	2215	25.378	ug/l	95
20) Methylene Chloride	4.979	84	4855	1.558	ug/l #	86
36) 1,1-Dichloropropene	7.979	75	3641	4.668	ug/l #	46
38) Carbon Tetrachloride	7.985	117	4312	6.052	ug/l #	20
48) Methyl methacrylate	9.473	41	119	3.162	ug/l #	13
51) 4-Methyl-2-Pentanone	10.332	43	394	1.487	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	12244	40.948	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	12244	124.226	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.567	75	79	1.359	ug/l #	7

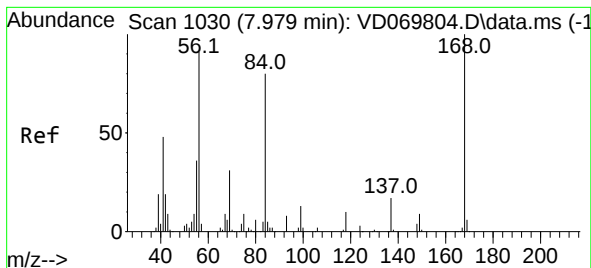
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD069938.D

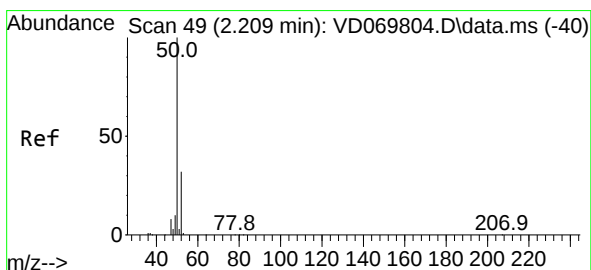
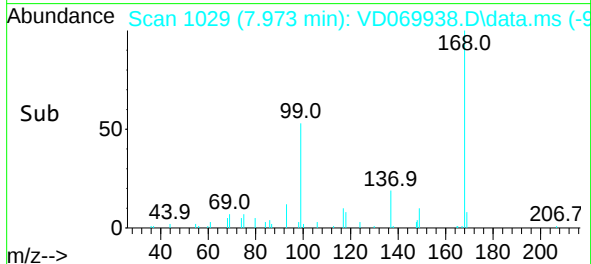
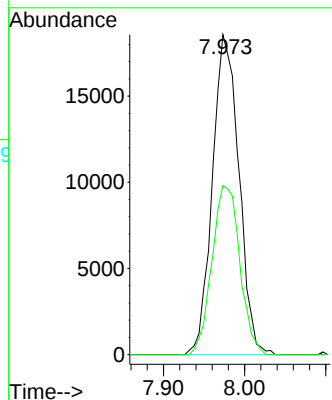
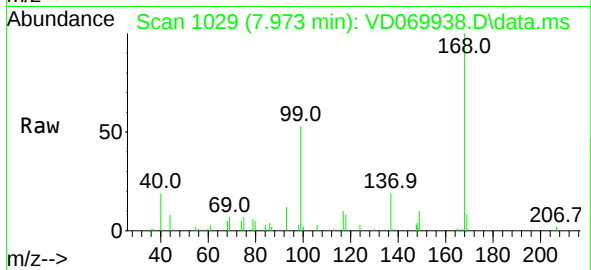
Acq: 30 Jul 2021 15:57

Tgt Ion:168 Resp: 42010

Ion Ratio Lower Upper

168 100

99 52.8 51.1 76.7



#3

Chloromethane

Concen: 1.252 ug/l

RT: 2.203 min Scan# 48

Delta R.T. -0.006 min

Lab File: VD069938.D

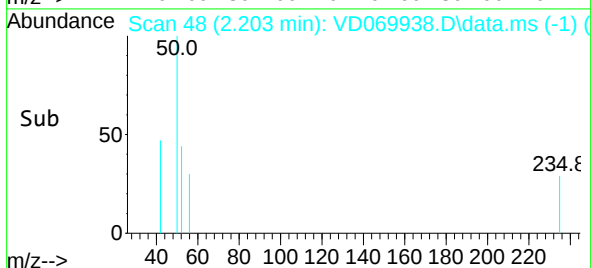
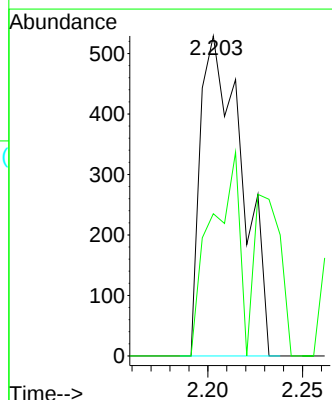
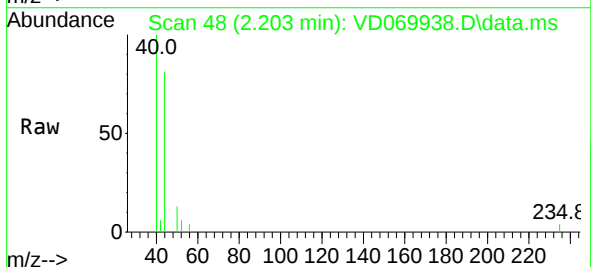
Acq: 30 Jul 2021 15:57

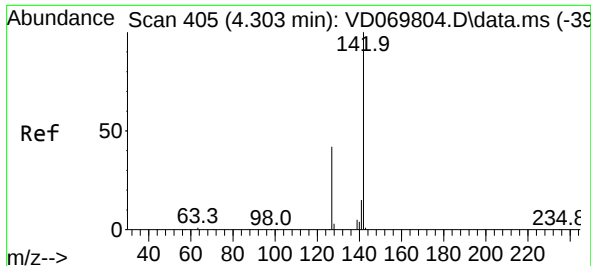
Tgt Ion: 50 Resp: 803

Ion Ratio Lower Upper

50 100

52 44.4 25.7 38.5#

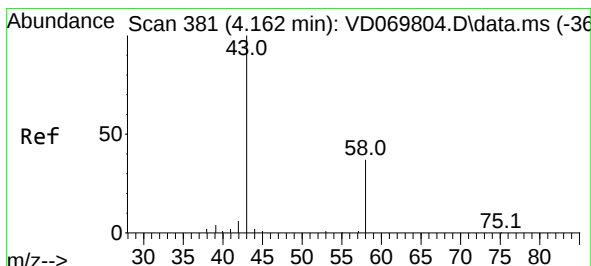
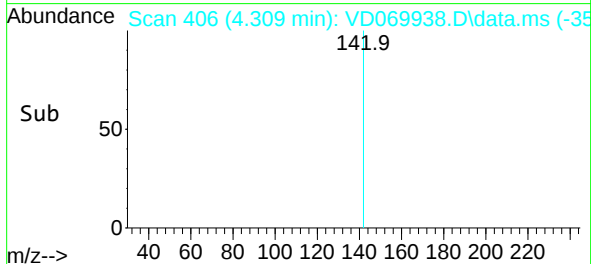
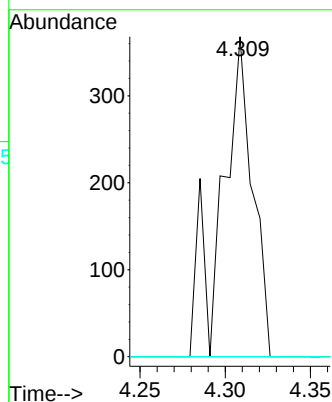
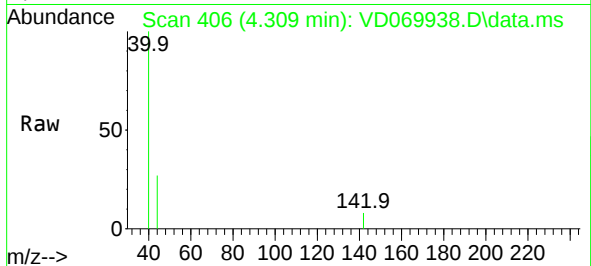




#10
Methyl Iodide
Concen: 4.309 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

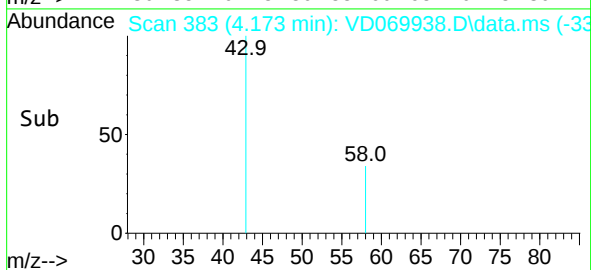
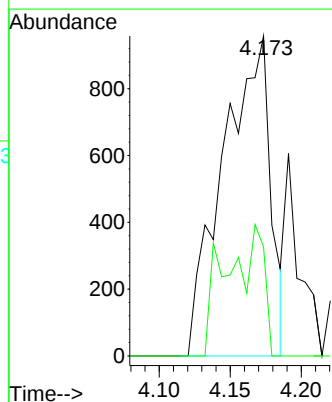
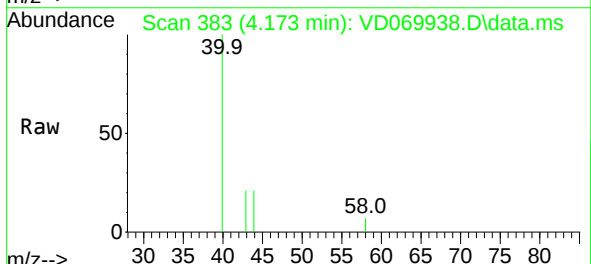
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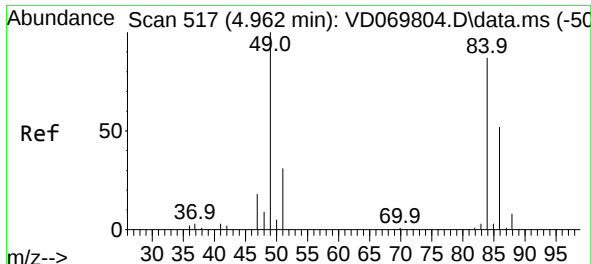
Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 25.378 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
58 34.0 29.4 44.0

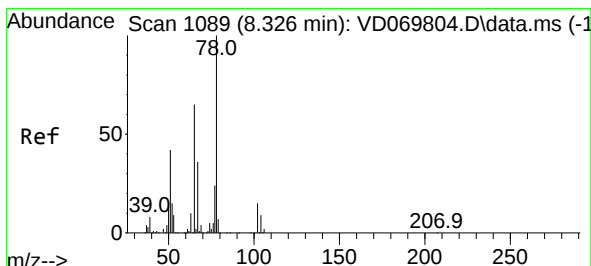
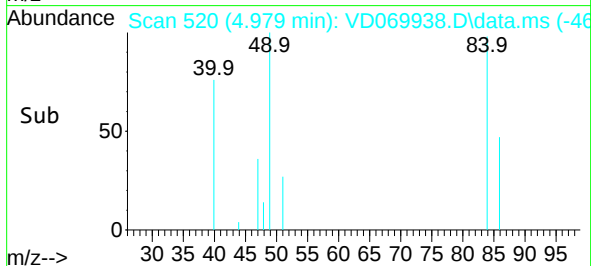
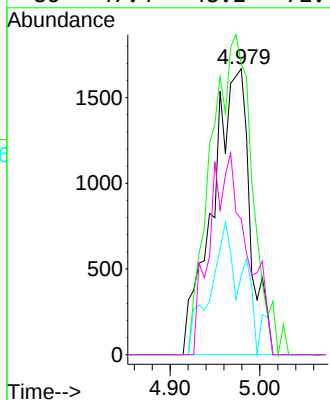
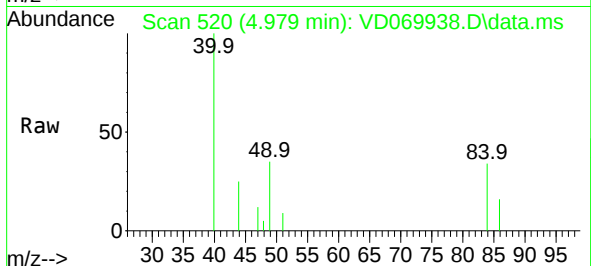




#20
Methylene Chloride
Concen: 1.558 ug/l
RT: 4.979 min Scan# 520
Delta R.T. 0.017 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

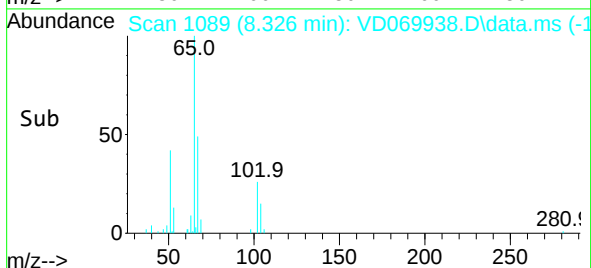
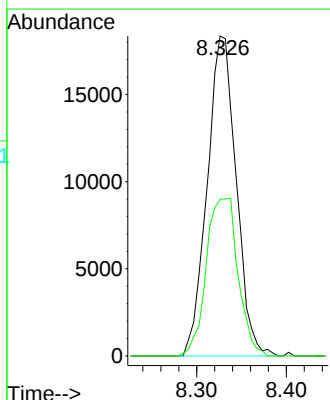
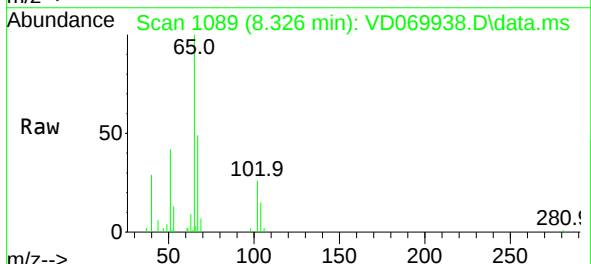
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

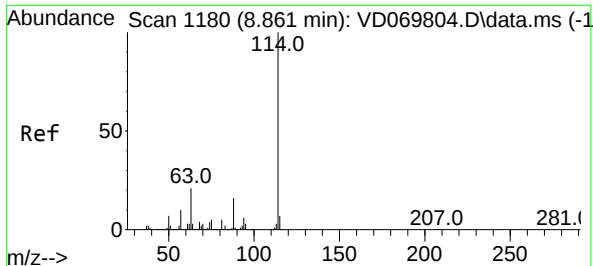
Tgt Ion:	84	Resp:	4855
Ion	Ratio	Lower	Upper
84	100		
49	101.8	92.4	138.6
51	27.6	28.5	42.7#
86	47.4	48.2	72.4#



#33
1,2-Dichloroethane-d4
Concen: 85.282 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion:	65	Resp:	41204
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	111.2



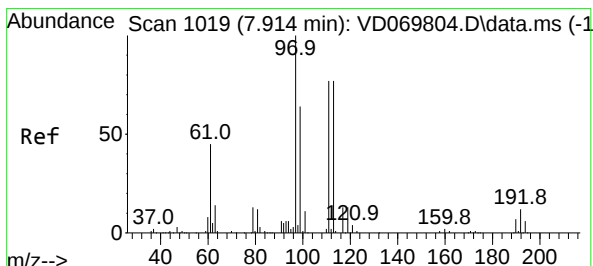
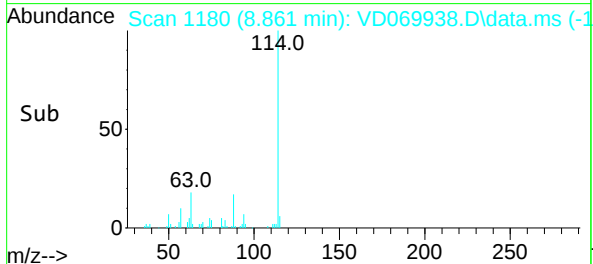
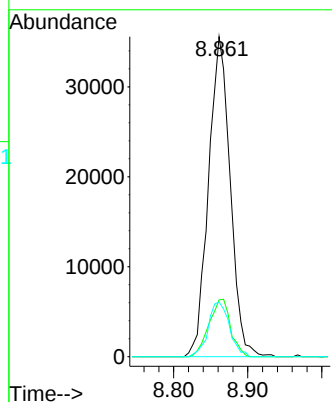
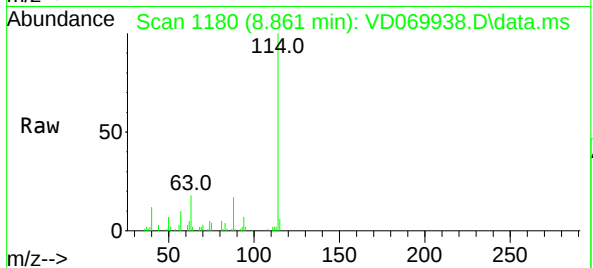


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMPRE

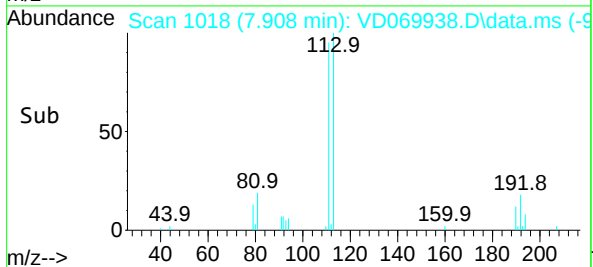
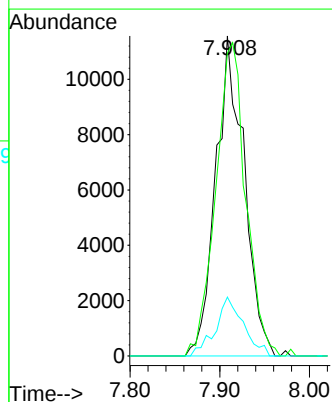
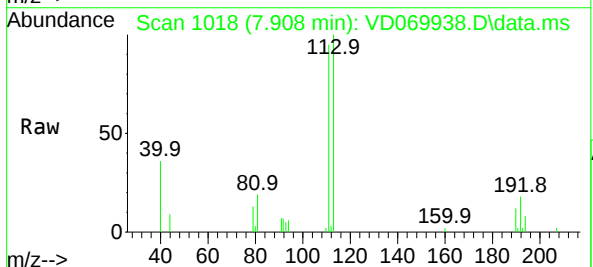
Tgt Ion:	114	Resp:	72285
Ion Ratio	Lower	Upper	
114	100		
63	17.8	0.0	41.6
88	17.0	0.0	31.4

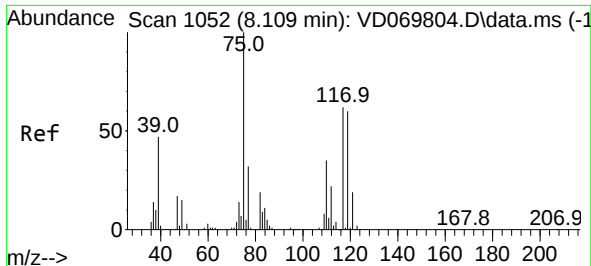


#35

Dibromofluoromethane
Concen: 55.710 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion:	113	Resp:	25386
Ion Ratio	Lower	Upper	
113	100		
111	103.7	80.5	120.7
192	18.2	12.6	19.0

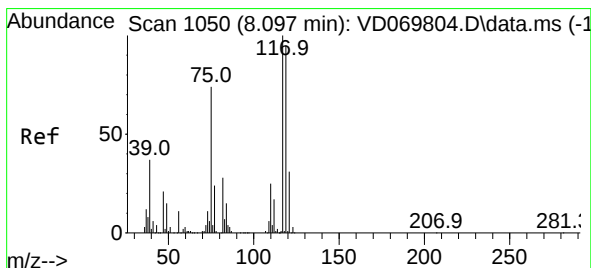
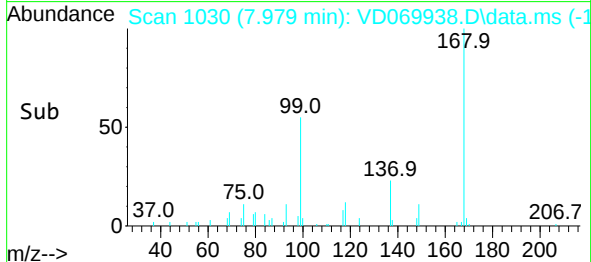
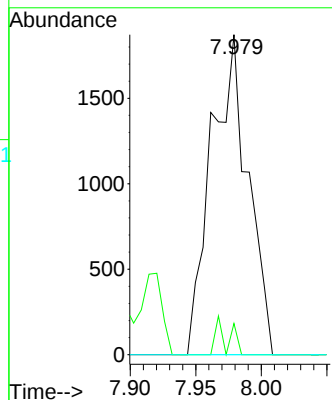
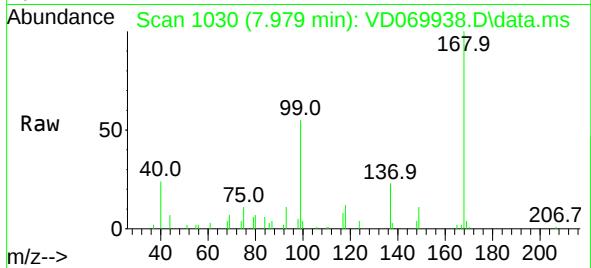




#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

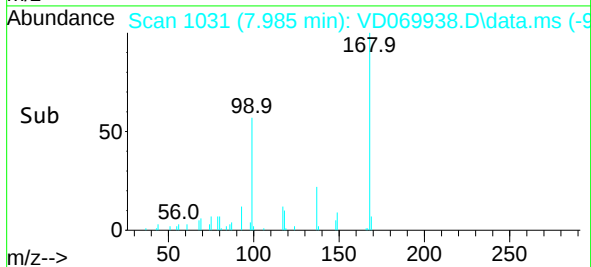
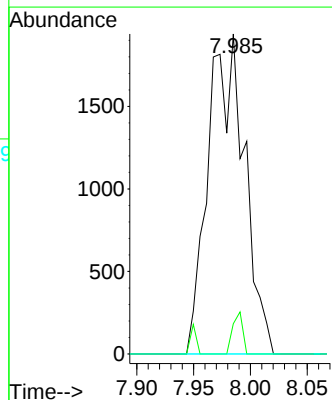
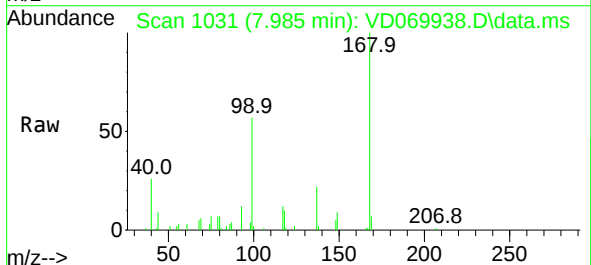
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

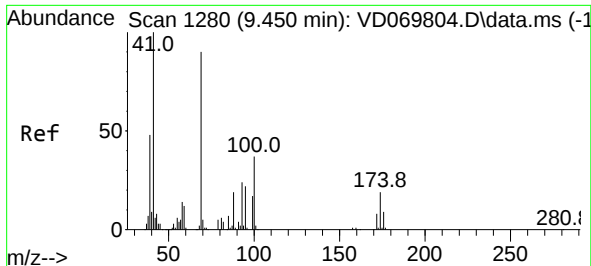
Tgt Ion: 75 Resp: 3641
Ion Ratio Lower Upper
75 100
110 4.0 16.9 50.7#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion: 117 Resp: 4312
Ion Ratio Lower Upper
117 100
119 9.4 76.2 114.2#
121 0.0 24.5 36.7#

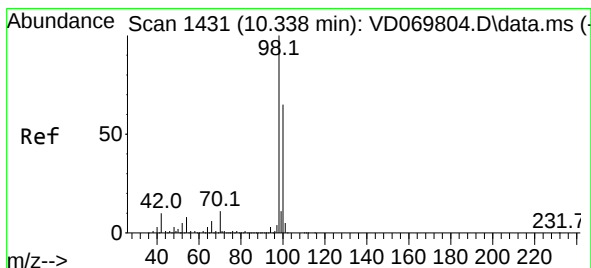
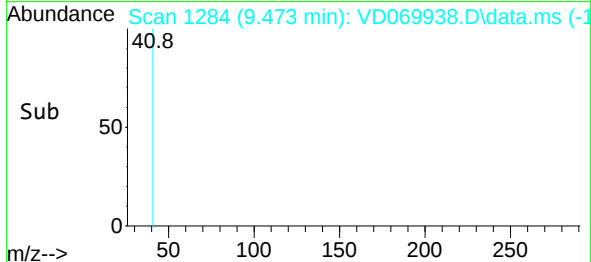
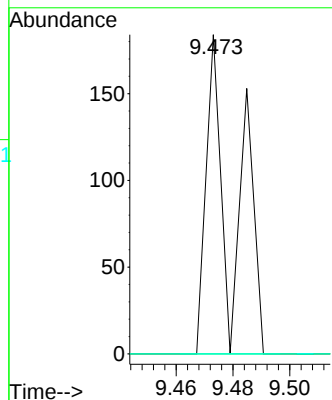
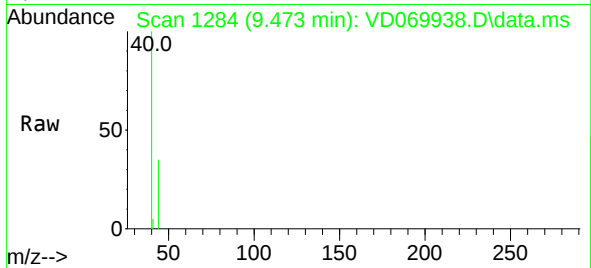




#48
Methyl methacrylate
Concen: 3.162 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.023 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

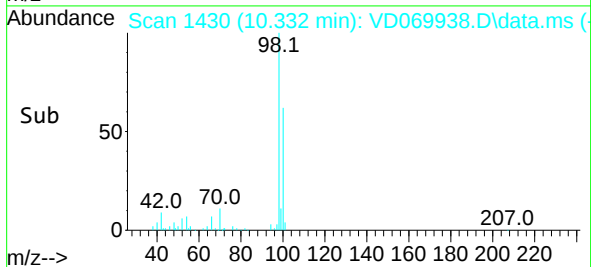
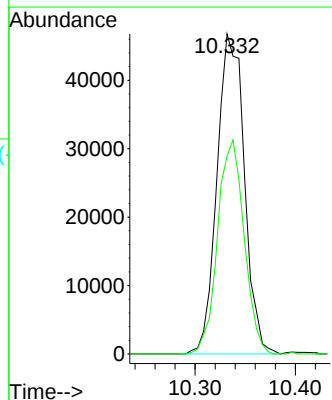
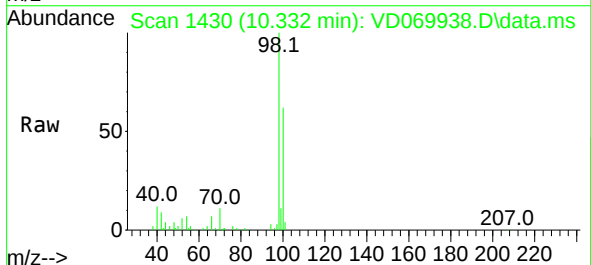
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMPARE

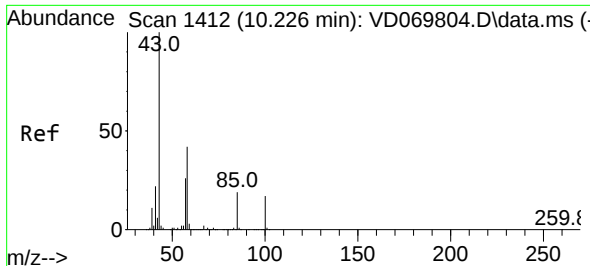
Tgt Ion: 41 Resp: 119
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#



#50
Toluene-d8
Concen: 50.395 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion: 98 Resp: 88548
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

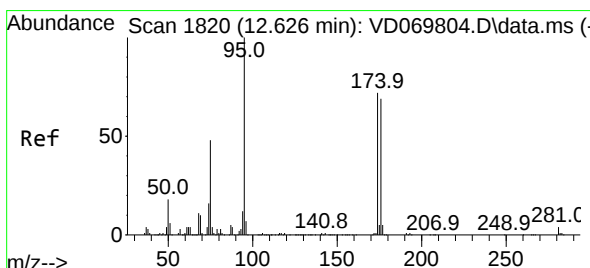
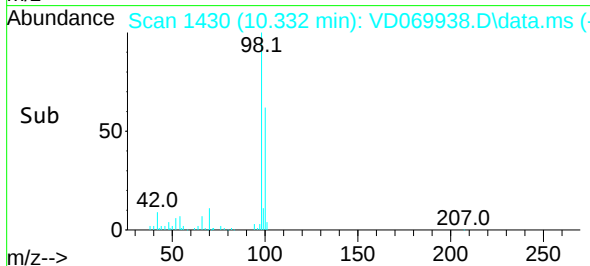
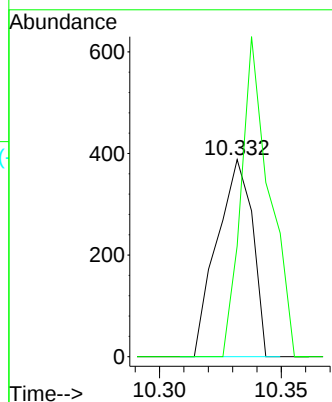
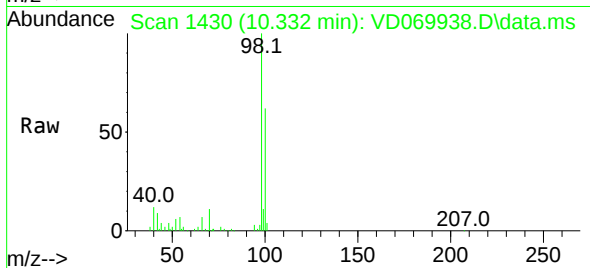




#51
4-Methyl-2-Pentanone
Concen: 1.487 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

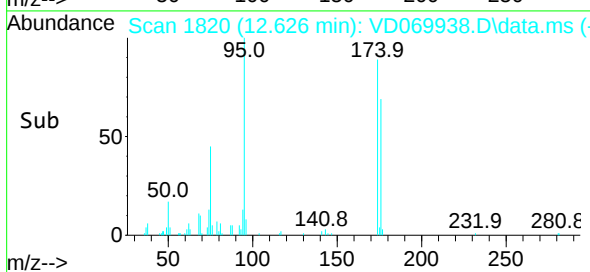
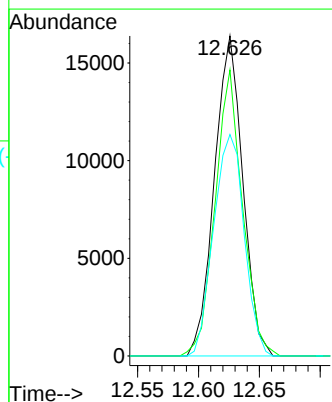
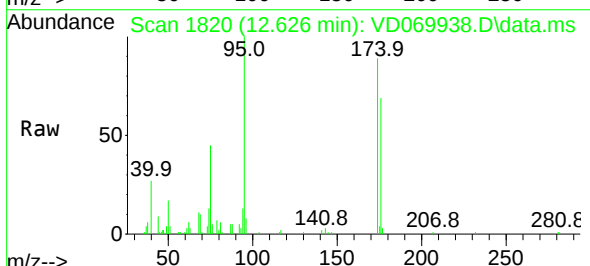
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMPRE

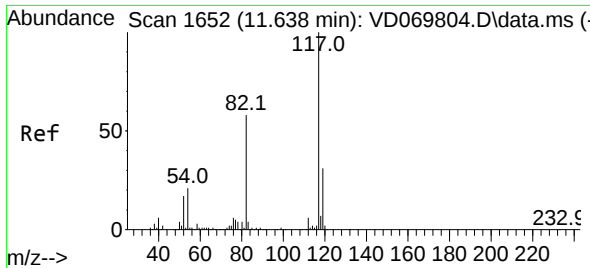
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 128.4 33.7 50.5#



#62
4-Bromofluorobenzene
Concen: 45.245 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion: 95 Resp: 26569
Ion Ratio Lower Upper
95 100
174 86.2 0.0 142.6
176 74.6 0.0 134.2

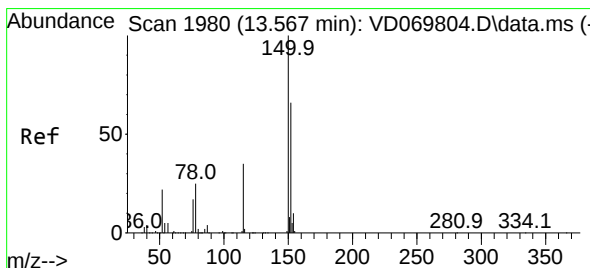
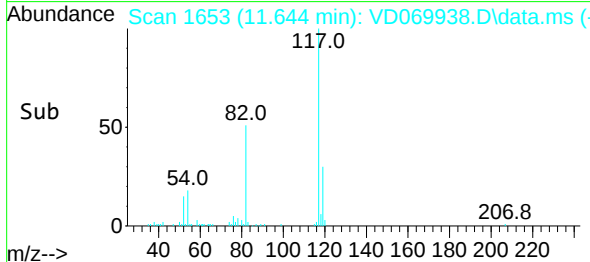
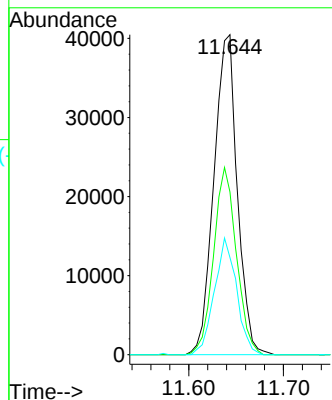
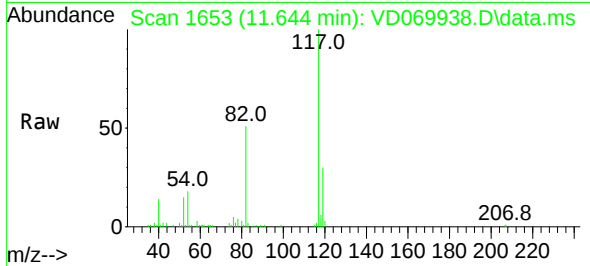




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

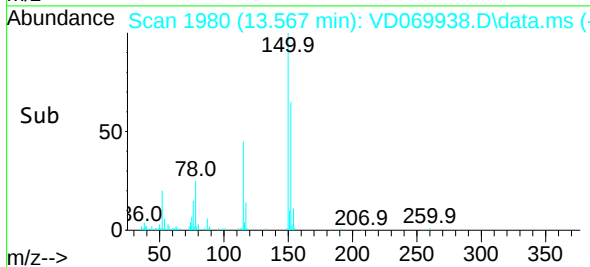
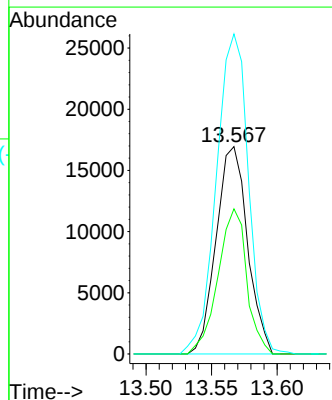
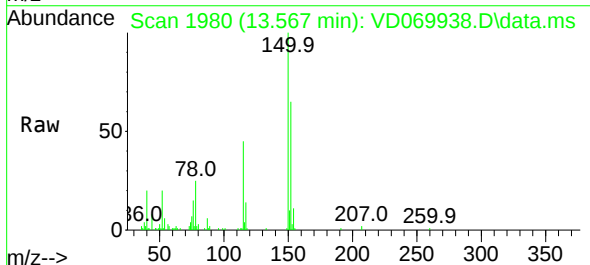
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

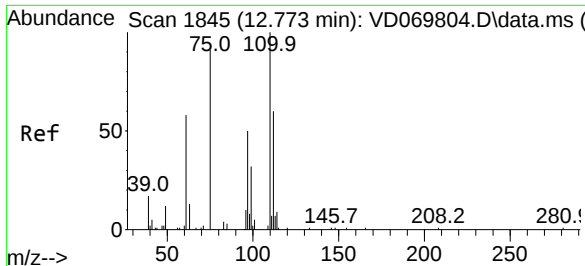
Tgt Ion:	117	Resp:	69605
Ion Ratio	Lower	Upper	
117	100		
82	50.9	46.3	69.5
119	30.3	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion:	152	Resp:	28131
Ion Ratio	Lower	Upper	
152	100		
115	64.1	31.1	93.3
150	157.7	0.0	343.0

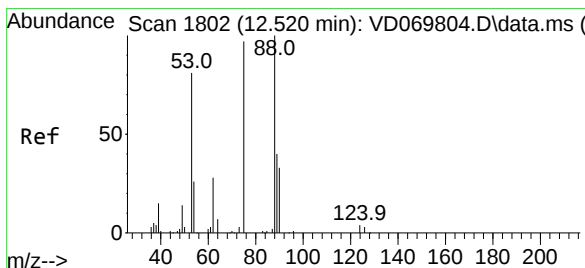
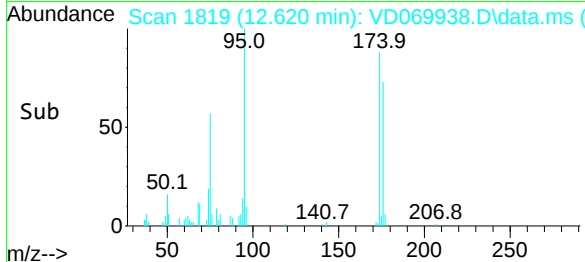
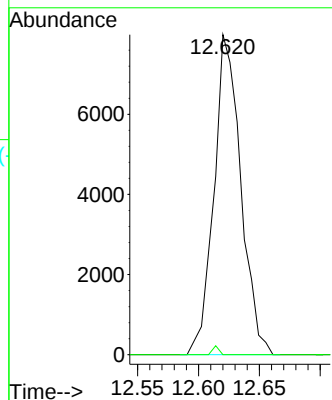
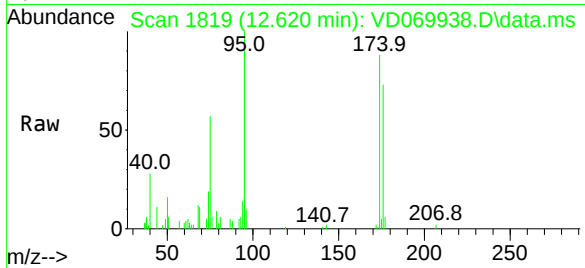




#76
1,2,3-Trichloropropane
Concen: 40.948 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

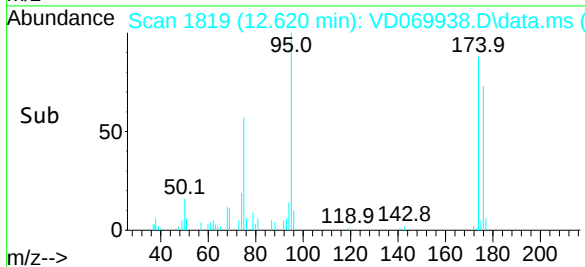
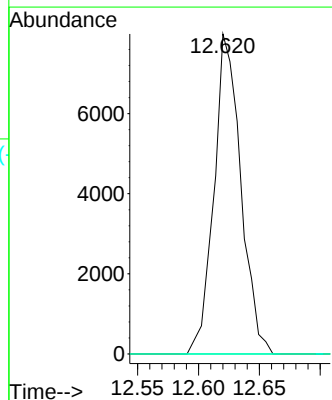
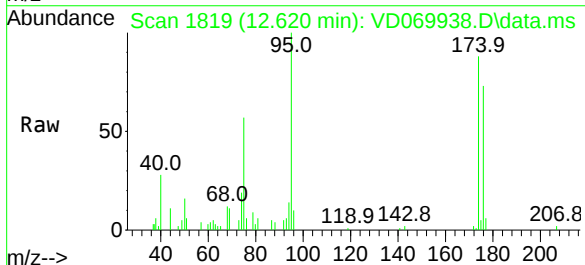
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

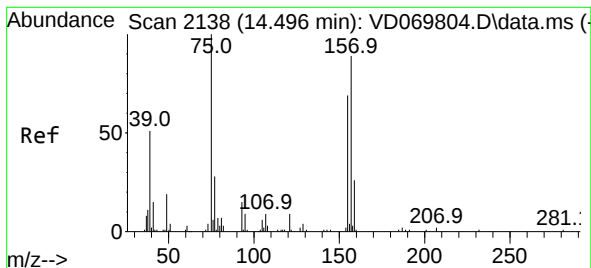
Tgt Ion: 75 Resp: 12244
Ion Ratio Lower Upper
75 100
77 0.6 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.226 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD069938.D
Acq: 30 Jul 2021 15:57

Tgt Ion: 75 Resp: 12244
Ion Ratio Lower Upper
75 100
53 0.0 67.2 100.8#
89 0.0 35.8 53.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.359 ug/l
 RT: 14.567 min Scan# 2150
 Delta R.T. 0.071 min
 Lab File: VD069938.D
 Acq: 30 Jul 2021 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-462-COMP

Tgt Ion: 75 Resp: 79
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.3 108.9#
 157 0.0 47.0 141.0#

