

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069933.D
 Acq On : 30 Jul 2021 12:37
 Operator : VA/SY
 Sample : M3235-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-462-COMP

Quant Time: Jul 31 00:37:04 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)

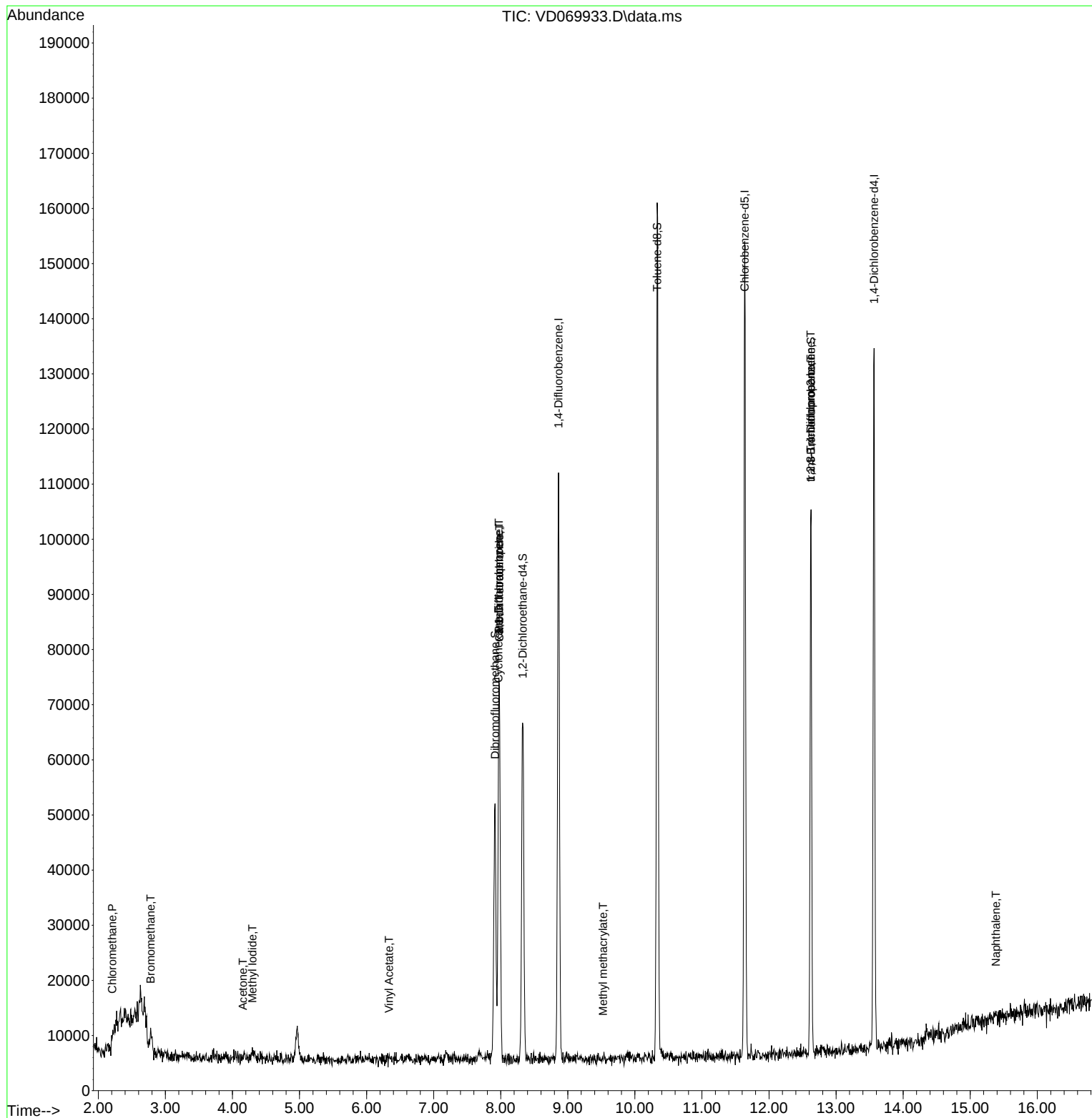
Internal Standards						
1) Pentafluorobenzene	7.973	168	49759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	86238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	87593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	34029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	50494	88.234	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 176.460%#			
35) Dibromofluoromethane	7.914	113	32567	59.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.820%			
50) Toluene-d8	10.332	98	108495	51.756	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.520%			
62) 4-Bromofluorobenzene	12.626	95	35257	50.326	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.660%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	1283	1.689	ug/l #	62
5) Bromomethane	2.779	94	2688	3.940	ug/l #	79
10) Methyl Iodide	4.297	142	1302	5.422	ug/l #	43
16) Acetone	4.156	43	490	4.740	ug/l #	56
23) Vinyl Acetate	6.332	43	85	20.427	ug/l #	71
31) Cyclohexane	7.967	56	1480	1.324	ug/l #	62
36) 1,1-Dichloropropene	7.973	75	4598	4.941	ug/l #	42
38) Carbon Tetrachloride	7.979	117	5505	6.476	ug/l #	17
48) Methyl methacrylate	9.526	41	61	2.925	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	16901	46.726	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	16901	141.755	ug/l #	16
95) Naphthalene	15.385	128	256	5.206	ug/l #	70

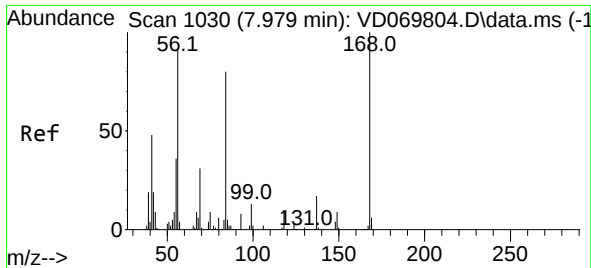
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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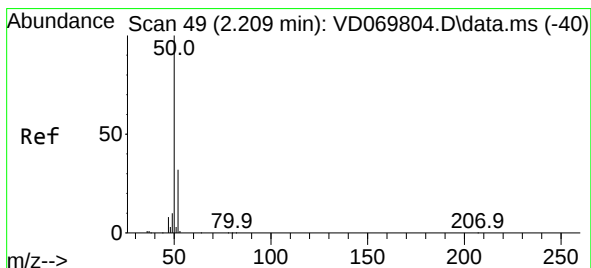
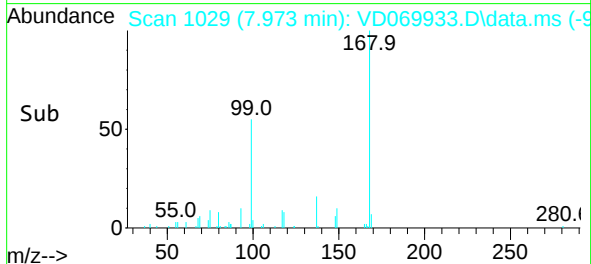
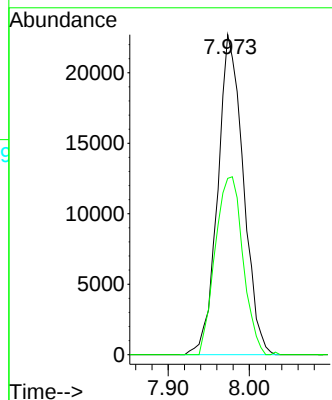
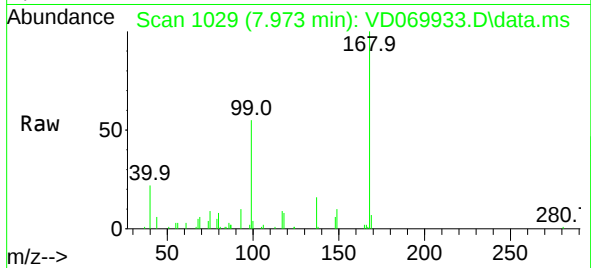




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

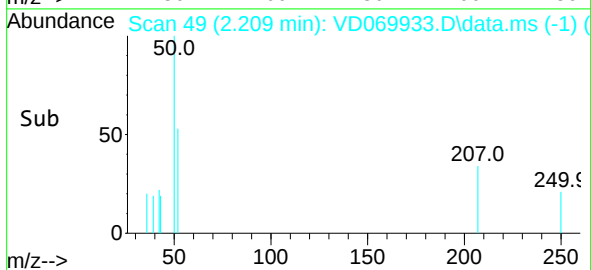
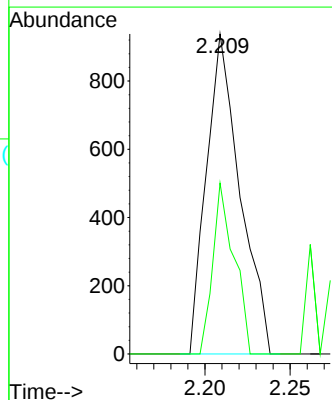
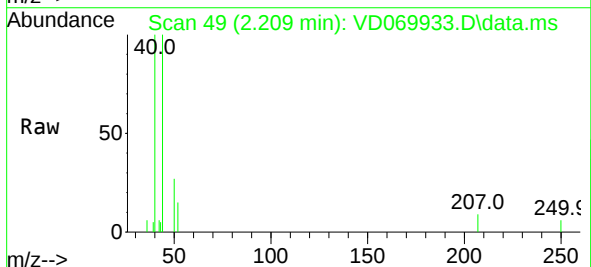
Instrument :
MSVOA_D
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MH-462-COMP

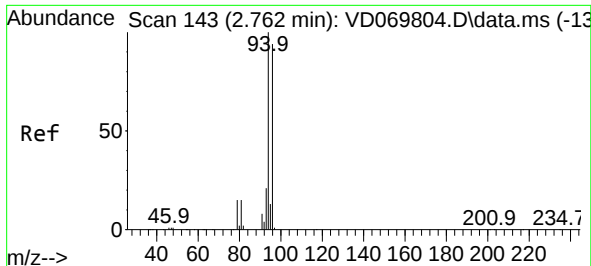
Tgt Ion:168 Resp: 49759
Ion Ratio Lower Upper
168 100
99 55.1 51.1 76.7



#3
Chloromethane
Concen: 1.689 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 50 Resp: 1283
Ion Ratio Lower Upper
50 100
52 53.4 25.7 38.5#

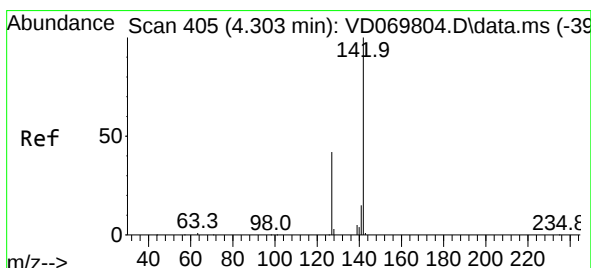
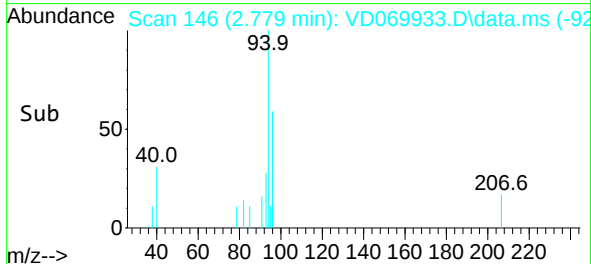
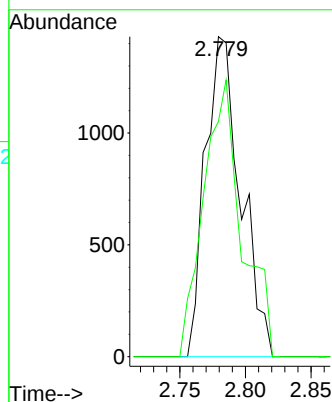
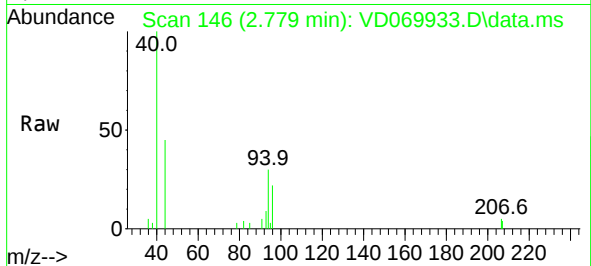




#5
Bromomethane
Concen: 3.940 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

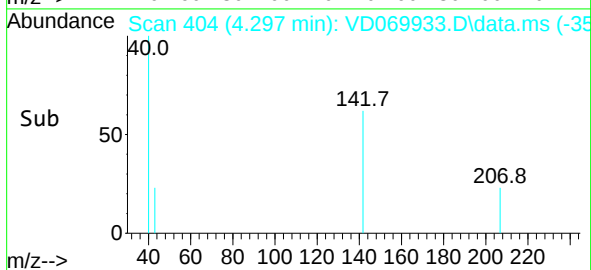
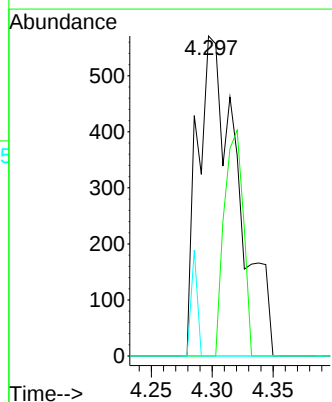
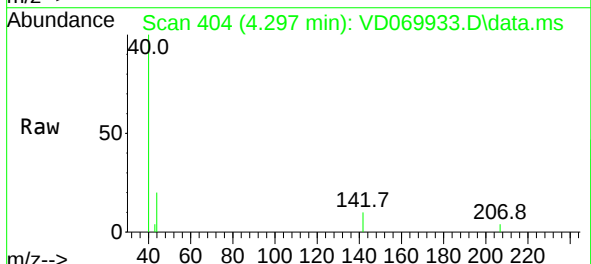
Instrument :
MSVOA_D
ClientSampleId :
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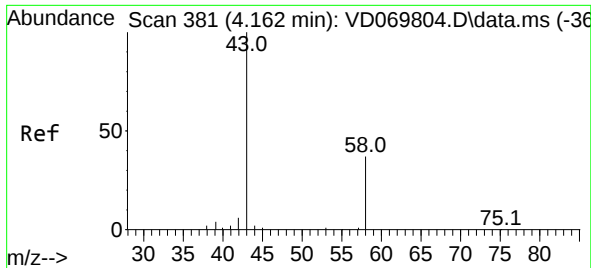
Tgt Ion: 94 Resp: 2688
Ion Ratio Lower Upper
94 100
96 73.5 74.8 112.2#



#10
Methyl Iodide
Concen: 5.422 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 142 Resp: 1302
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 5.1 12.0 18.0#

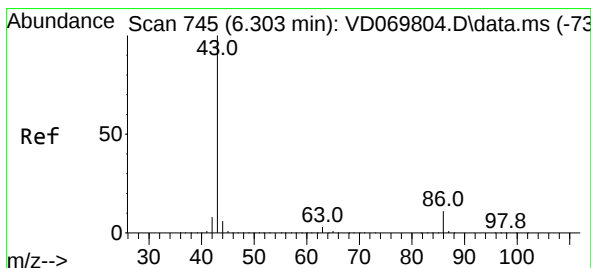
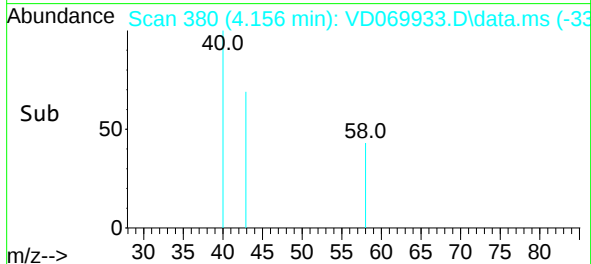
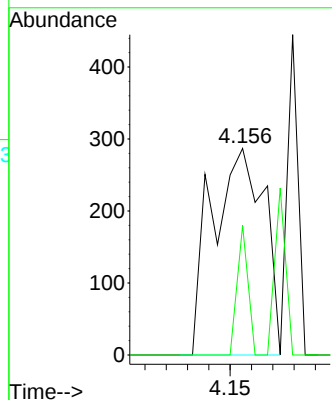
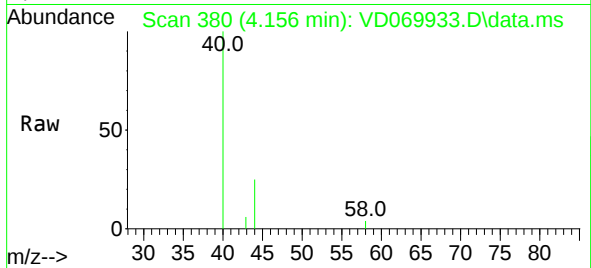




#16
Acetone
Concen: 4.740 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

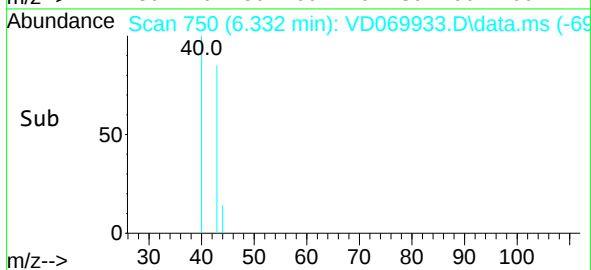
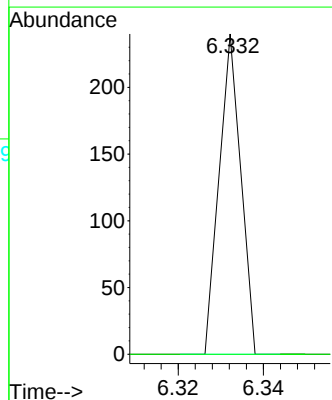
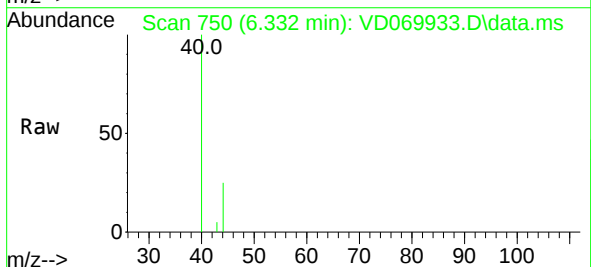
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

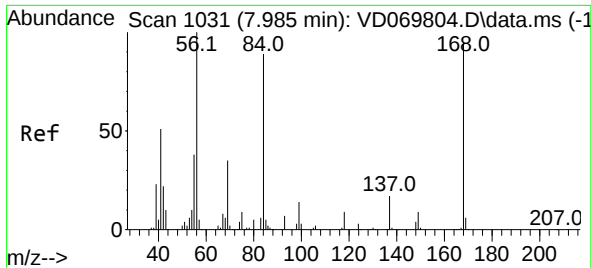
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
58 62.7 29.4 44.0#



#23
Vinyl Acetate
Concen: 20.427 ug/l
RT: 6.332 min Scan# 750
Delta R.T. 0.029 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#

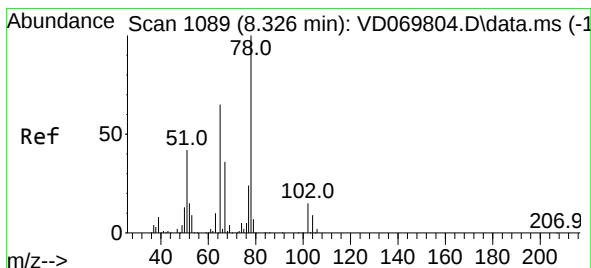
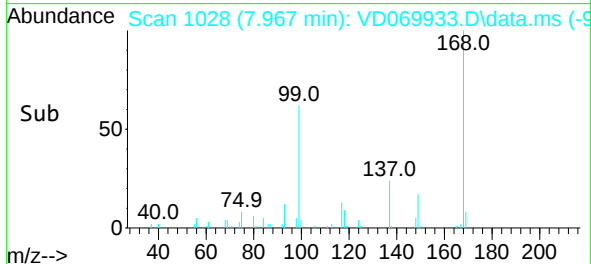
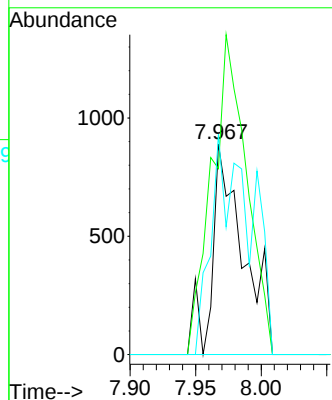
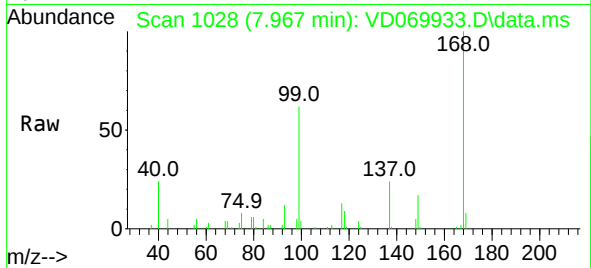




#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

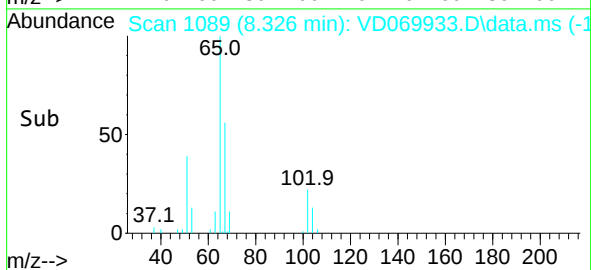
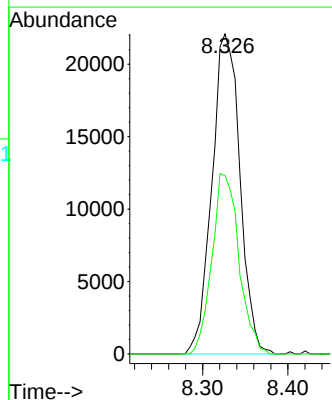
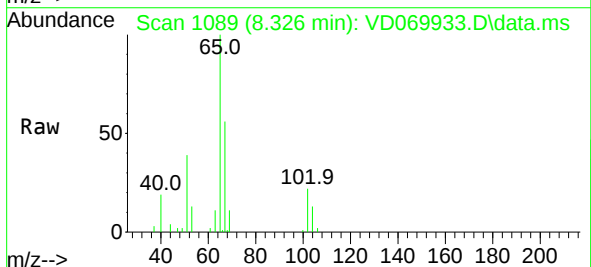
Instrument :
MSVOA_D
ClientSampleId :
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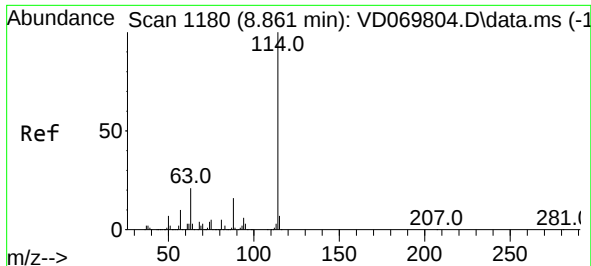
Tgt Ion: 56 Resp: 1480
Ion Ratio Lower Upper
56 100
69 88.3 27.9 41.9#
84 104.6 71.4 107.2



#33
1,2-Dichloroethane-d4
Concen: 88.234 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 65 Resp: 50494
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2

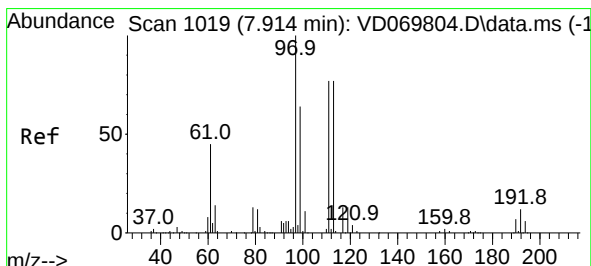
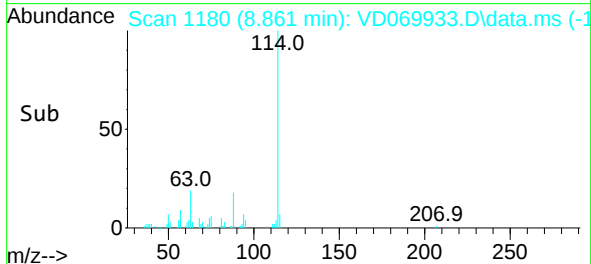
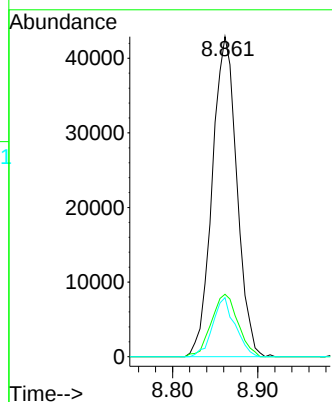
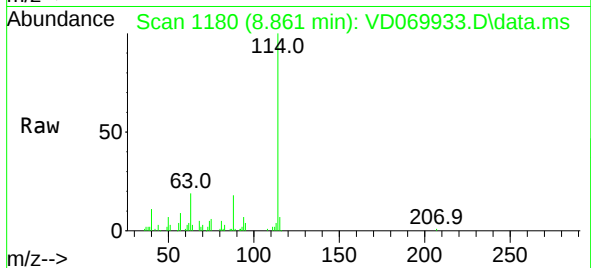




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

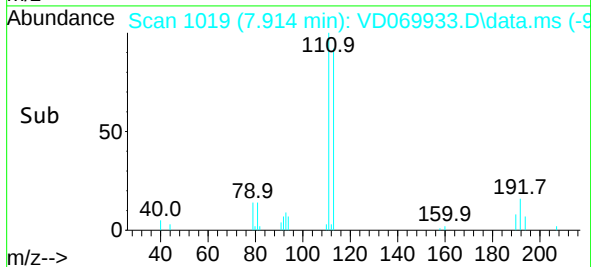
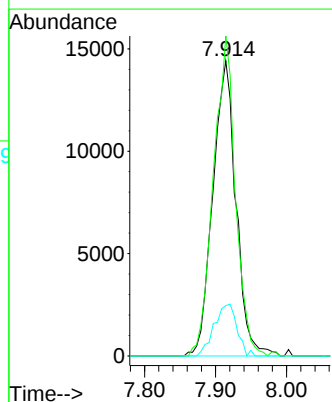
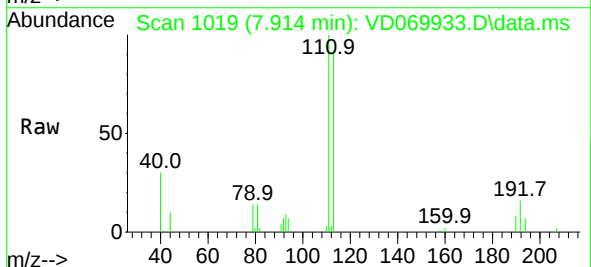
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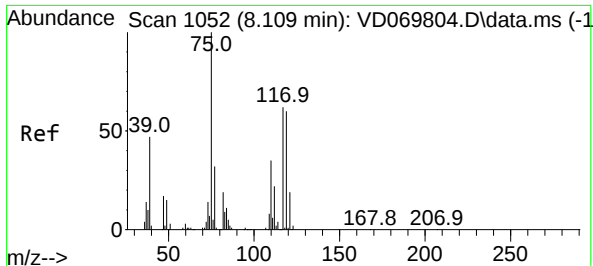
Tgt Ion:	114	Resp:	86238
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	41.6
88	18.5	0.0	31.4



#35
Dibromofluoromethane
Concen: 59.905 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion:	113	Resp:	32567
Ion Ratio	Lower	Upper	
113	100		
111	103.2	80.5	120.7
192	17.2	12.6	19.0

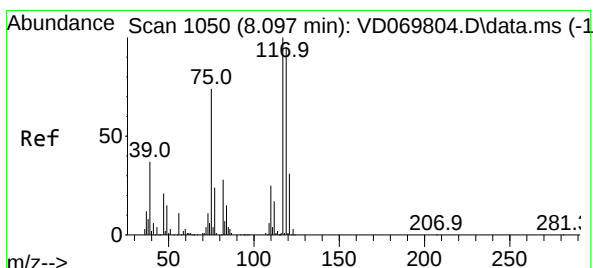
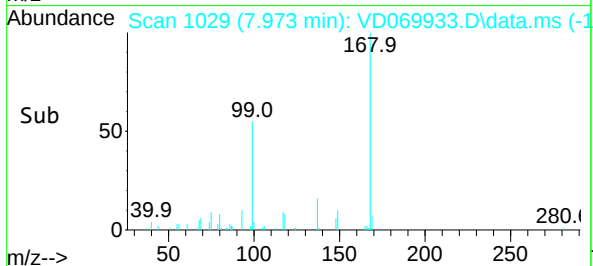
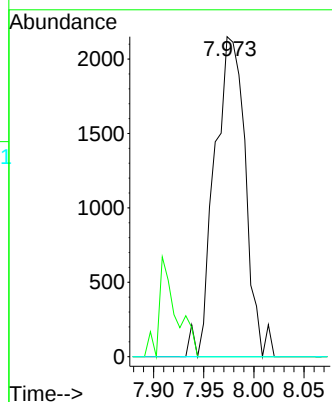
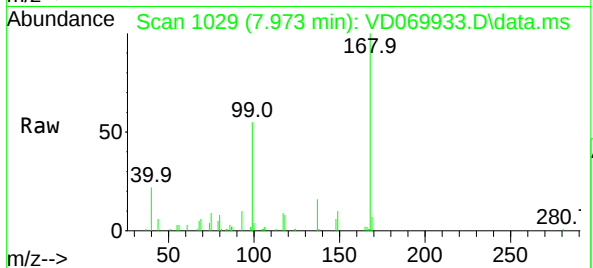




#36
1,1-Dichloropropene
Concen: 4.941 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

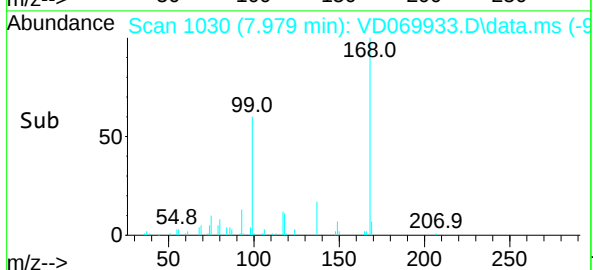
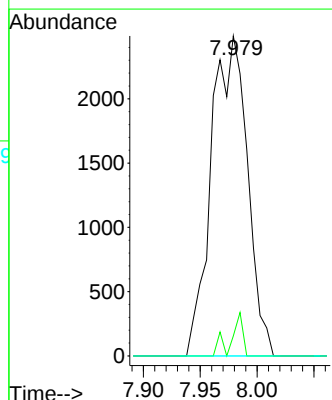
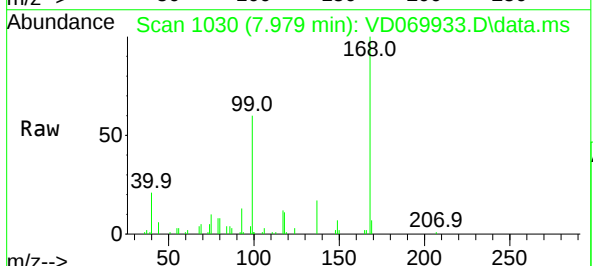
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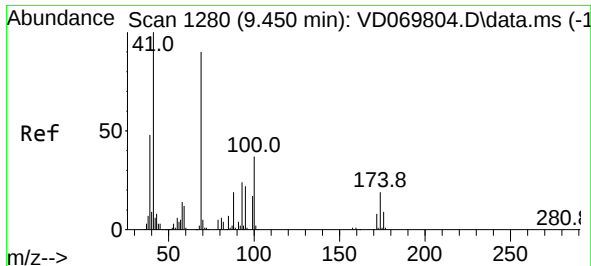
Tgt Ion: 75 Resp: 4598
Ion Ratio Lower Upper
75 100
110 0.0 16.9 50.7#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.476 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 117 Resp: 5505
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.5 36.7#

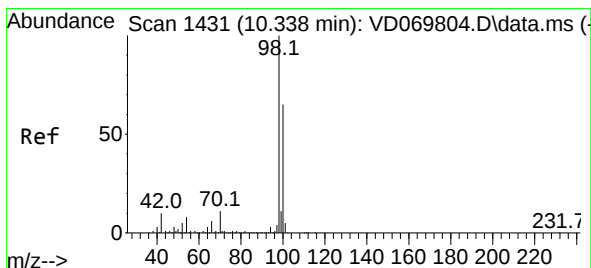
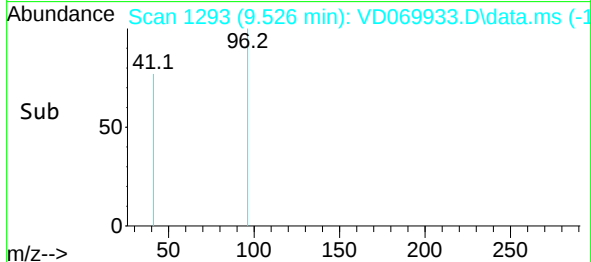
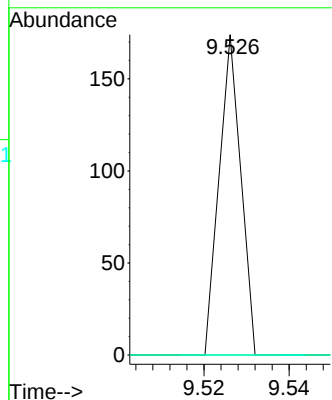
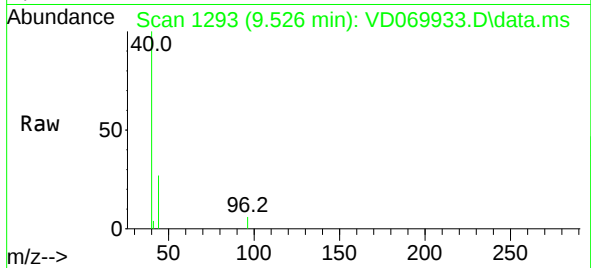




#48
Methyl methacrylate
Concen: 2.925 ug/l
RT: 9.526 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

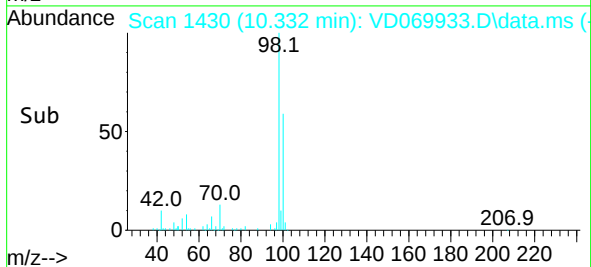
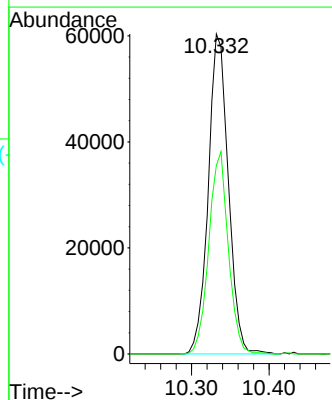
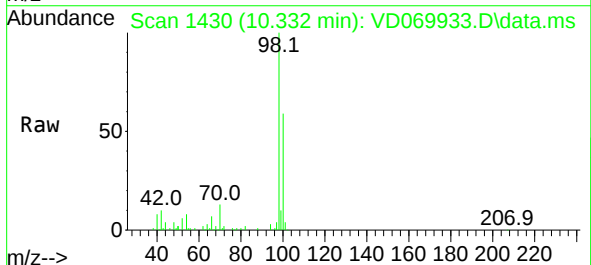
Instrument :
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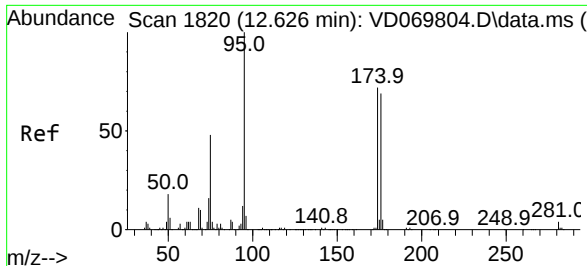
Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#



#50
Toluene-d8
Concen: 51.756 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 98 Resp: 108495
Ion Ratio Lower Upper
98 100
100 61.4 51.9 77.9

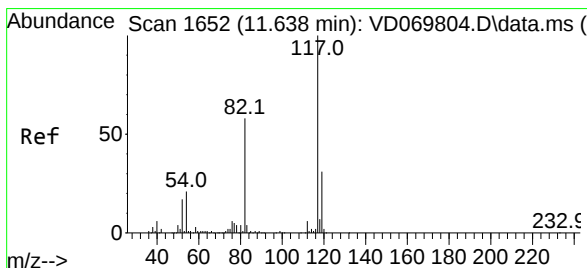
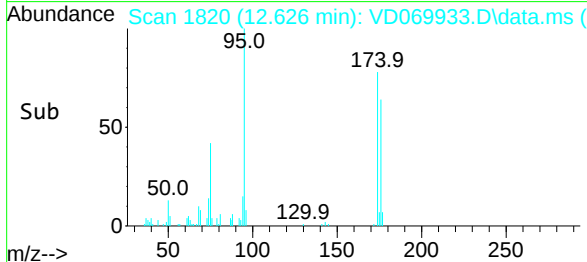
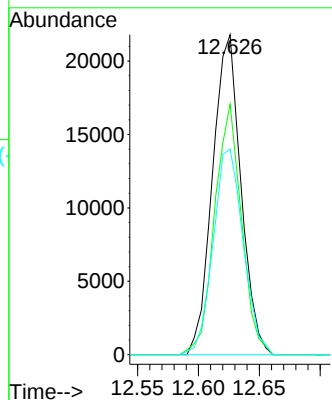
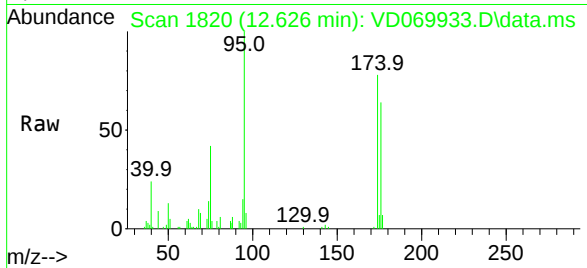




#62
4-Bromofluorobenzene
Concen: 50.326 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

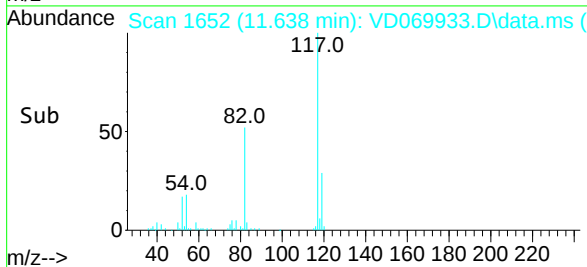
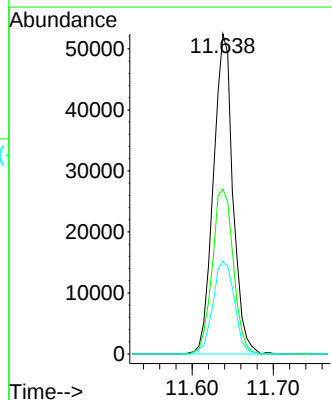
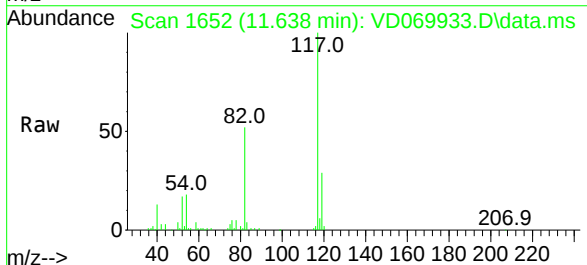
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

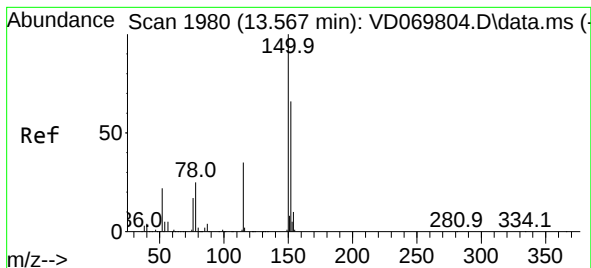
Tgt Ion: 95 Resp: 35257
Ion Ratio Lower Upper
95 100
174 74.0 0.0 142.6
176 68.3 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 117 Resp: 87593
Ion Ratio Lower Upper
117 100
82 51.5 46.3 69.5
119 29.0 24.7 37.1

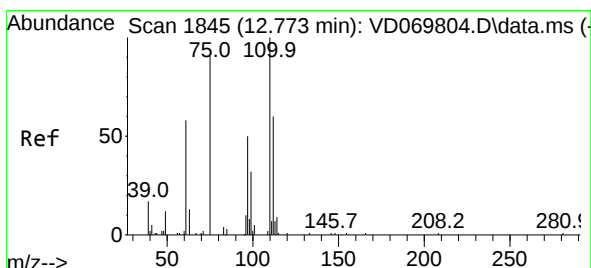
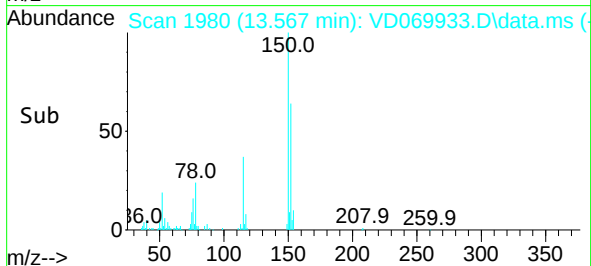
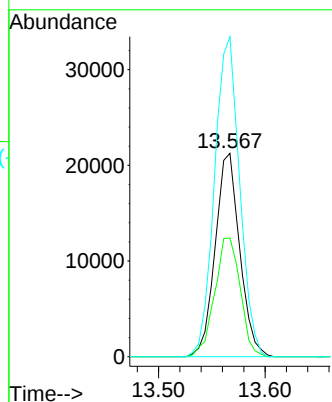
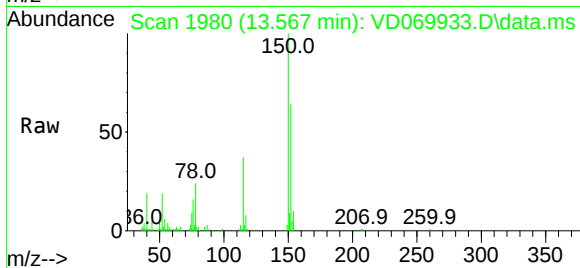




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069933.D
 Acq: 30 Jul 2021 12:37

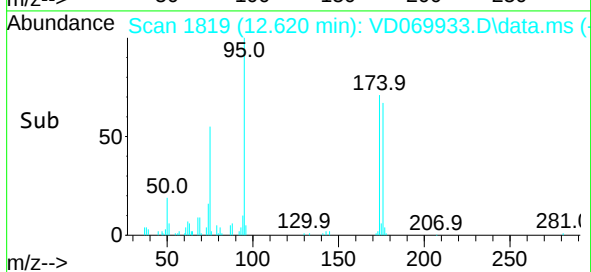
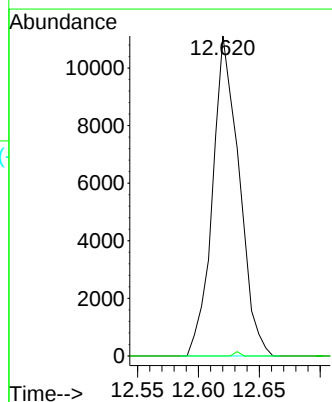
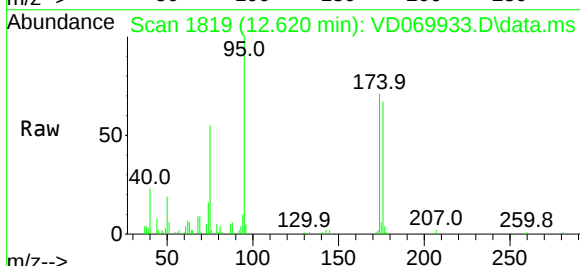
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-462-COMP

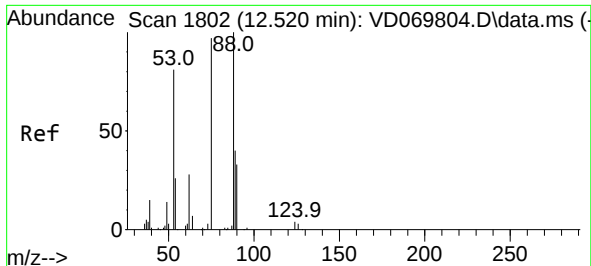
Tgt Ion:152 Resp: 34029
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.3
 150 161.0 0.0 343.0



#76
 1,2,3-Trichloropropane
 Concen: 46.726 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD069933.D
 Acq: 30 Jul 2021 12:37

Tgt Ion: 75 Resp: 16901
 Ion Ratio Lower Upper
 75 100
 77 0.3 181.5 544.5#

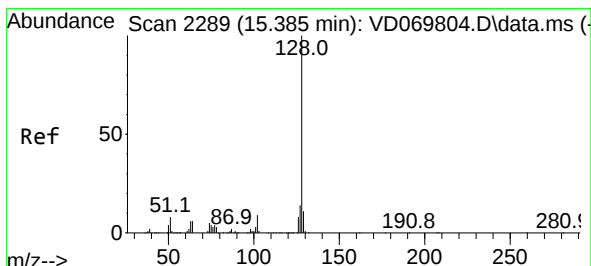
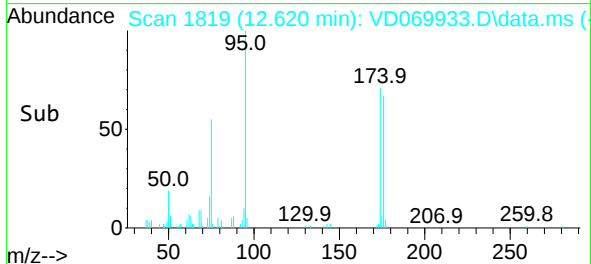
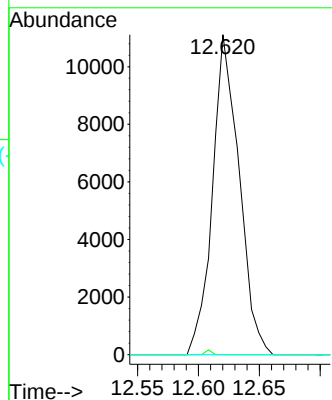
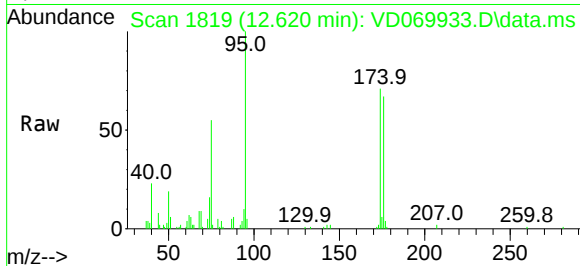




#81
trans-1,4-Dichloro-2-butene
Concen: 141.755 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

Tgt Ion: 75 Resp: 16901
Ion Ratio Lower Upper
75 100
53 0.3 67.2 100.8#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.206 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 128 Resp: 256
Ion Ratio Lower Upper
128 100
127 25.8 10.6 16.0#
129 0.0 8.6 12.8#

