

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069937.D
 Acq On : 30 Jul 2021 15:28
 Operator : VA/SY
 Sample : M3235-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-457-COMPRES

Quant Time: Jul 31 00:38:18 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)

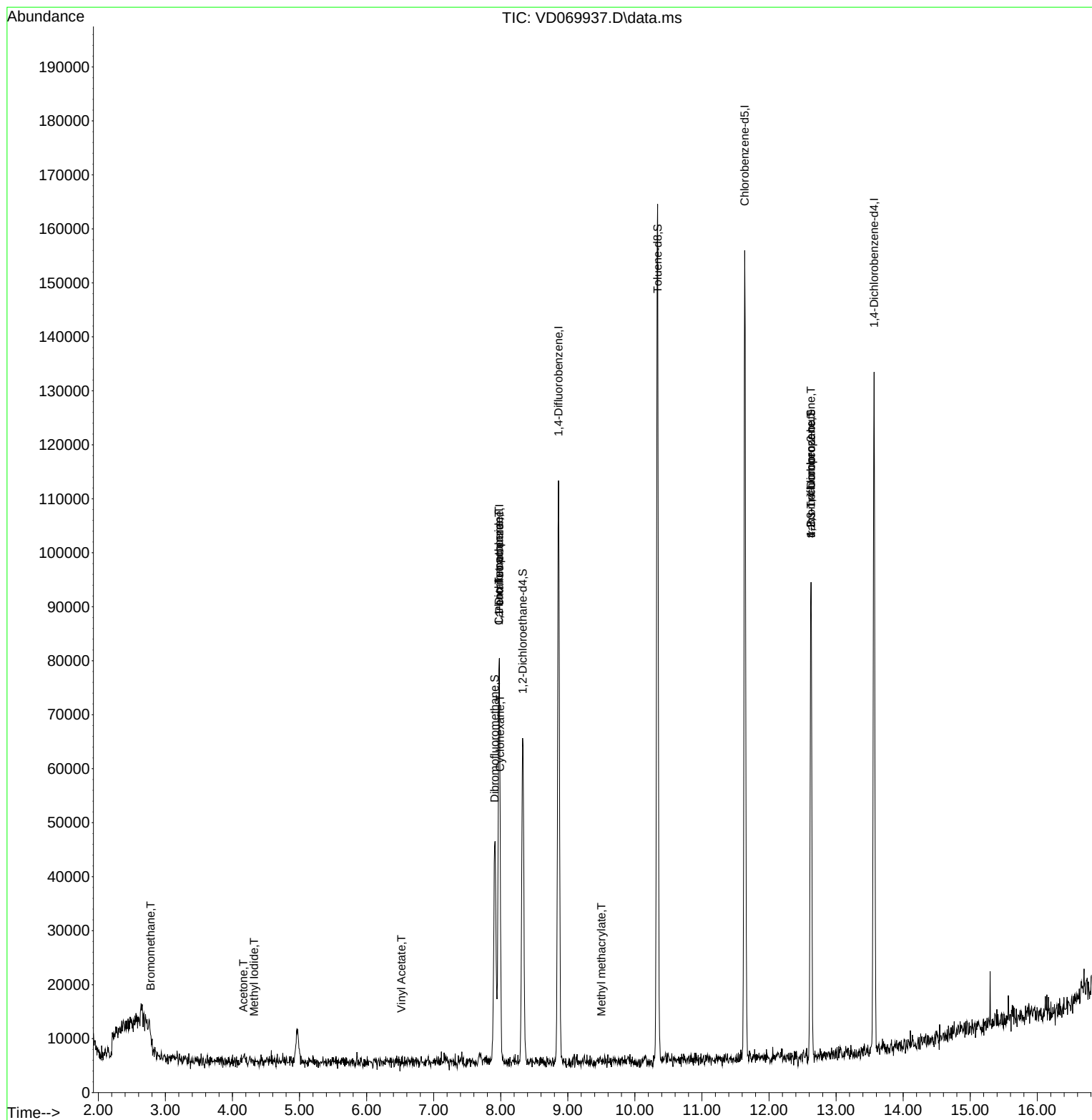
Internal Standards						
1) Pentafluorobenzene	7.979	168	53003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	87294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	88354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	33164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	48430	79.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.900%
35) Dibromofluoromethane	7.908	113	30974	56.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.580%
50) Toluene-d8	10.338	98	106994	50.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.626	95	31445	44.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.680%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1996	2.145	ug/l #	70
10) Methyl Iodide	4.320	142	328	3.926	ug/l #	61
16) Acetone	4.162	43	1187	10.779	ug/l	88
20) Methylene Chloride	4.962	84	5032	Below Cal	#	85
23) Vinyl Acetate	6.520	43	54	20.396	ug/l #	71
31) Cyclohexane	7.991	56	1519	1.275	ug/l #	59
36) 1,1-Dichloropropene	7.973	75	4935	5.239	ug/l #	45
38) Carbon Tetrachloride	7.973	117	5560	6.461	ug/l #	18
48) Methyl methacrylate	9.503	41	82	2.983	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	16118	45.724	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	16118	138.714	ug/l #	16

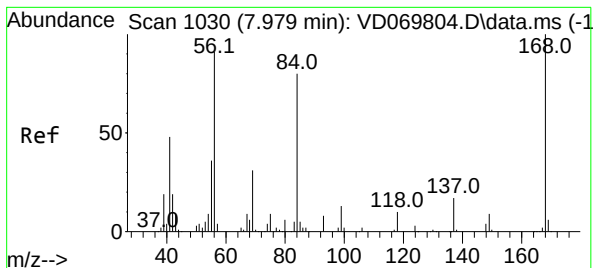
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Jul 31 00:38:18 2021
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Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD069937.D

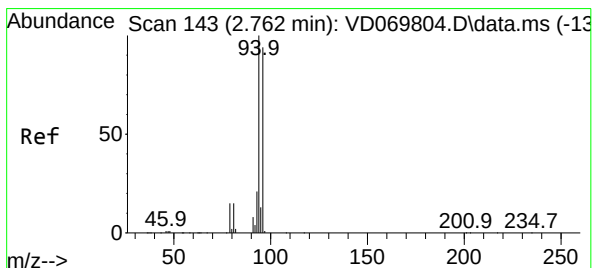
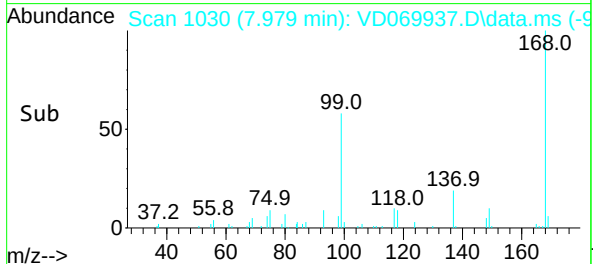
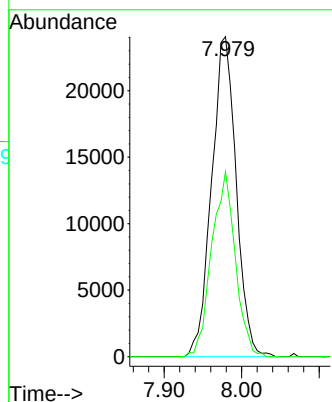
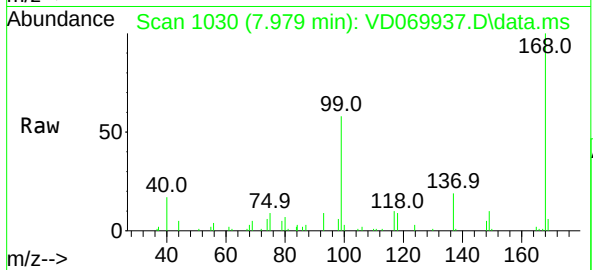
Acq: 30 Jul 2021 15:28

Tgt Ion:168 Resp: 53003

Ion Ratio Lower Upper

168 100

99 57.8 51.1 76.7



#5

Bromomethane

Concen: 2.145 ug/l

RT: 2.779 min Scan# 146

Delta R.T. 0.017 min

Lab File: VD069937.D

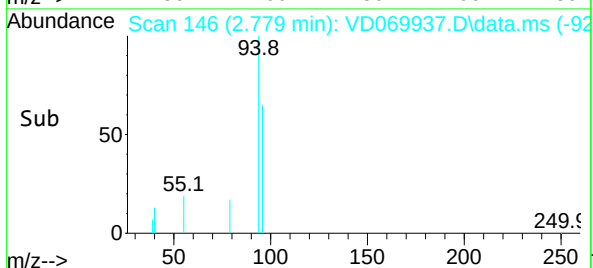
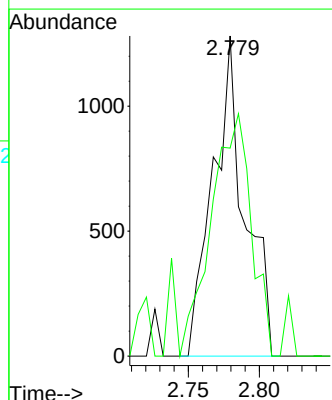
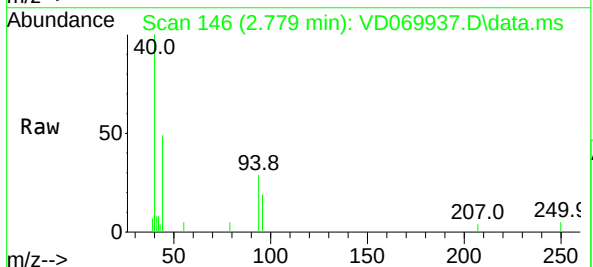
Acq: 30 Jul 2021 15:28

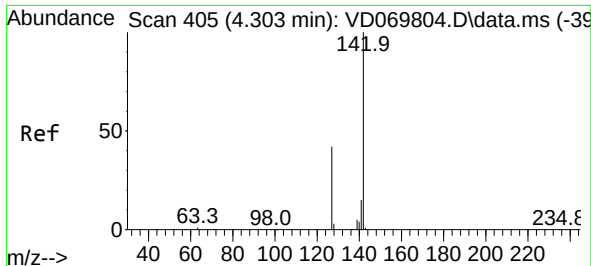
Tgt Ion: 94 Resp: 1996

Ion Ratio Lower Upper

94 100

96 64.9 74.8 112.2#

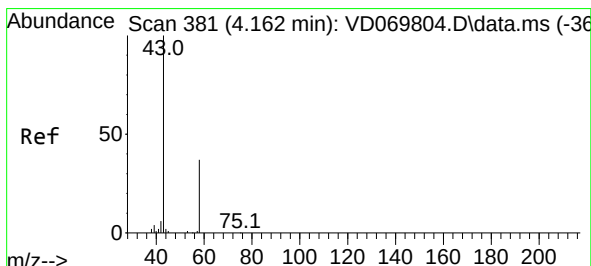
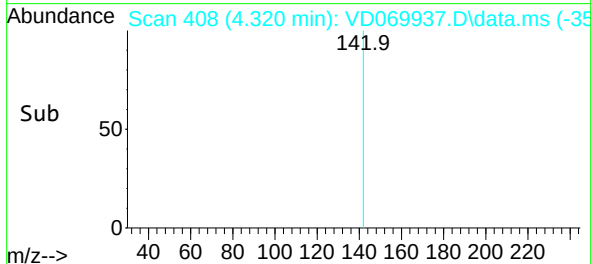
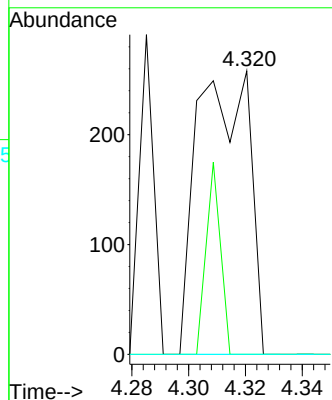
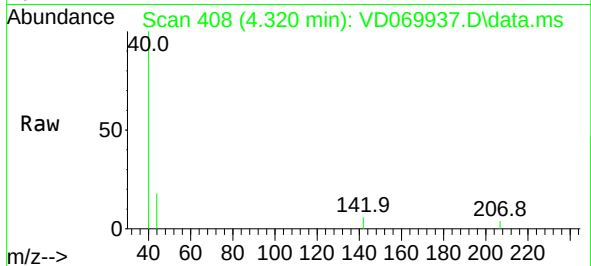




#10
Methyl Iodide
Concen: 3.926 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

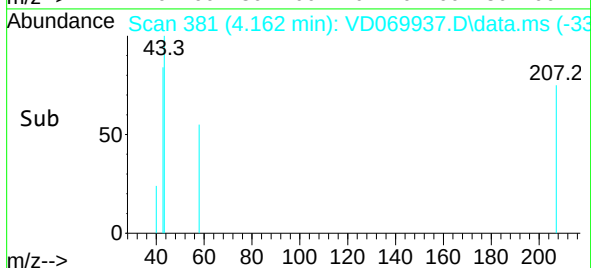
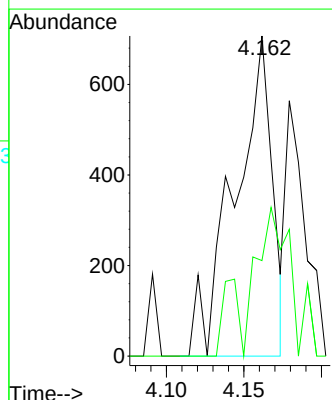
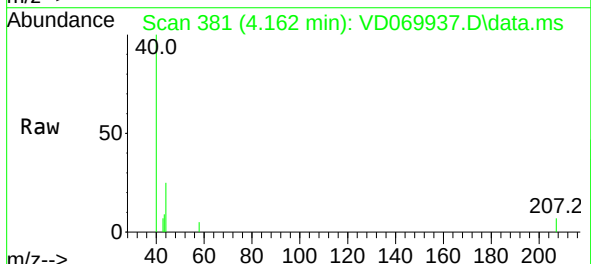
Instrument :
MSVOA_D
ClientSampleId :
MH-457-COMP

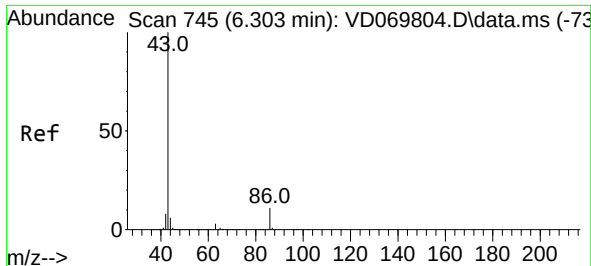
Tgt Ion:142 Resp: 328
Ion Ratio Lower Upper
142 100
127 18.9 35.7 53.5#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 10.779 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 29.8 29.4 44.0

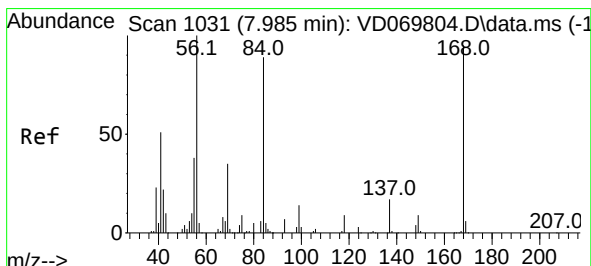
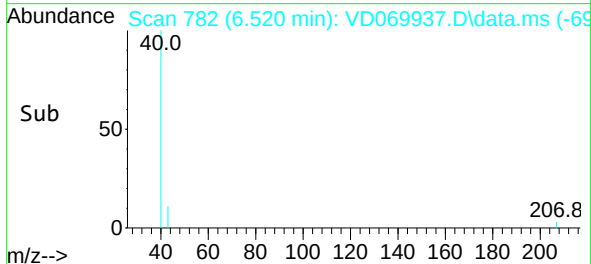
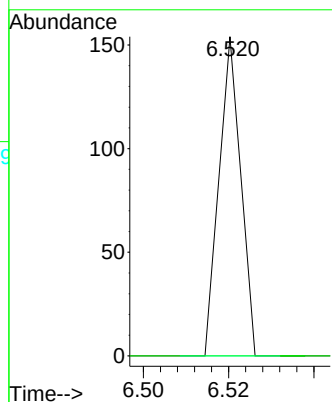
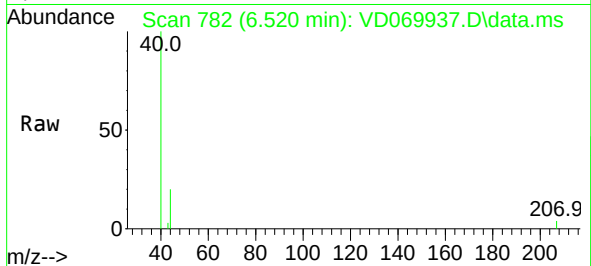




#23
 Vinyl Acetate
 Concen: 20.396 ug/l
 RT: 6.520 min Scan# 782
 Delta R.T. 0.217 min
 Lab File: VD069937.D
 Acq: 30 Jul 2021 15:28

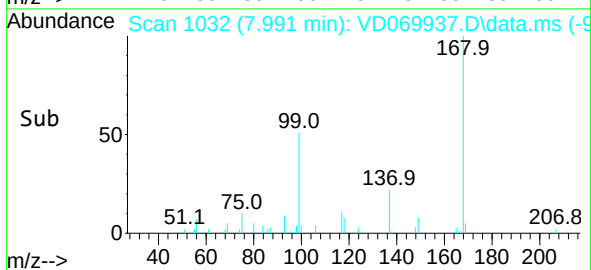
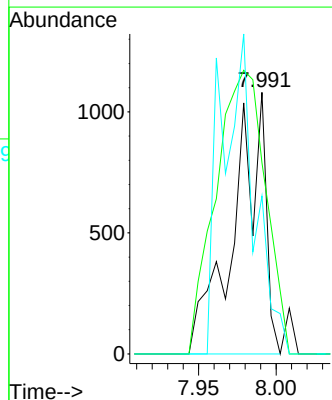
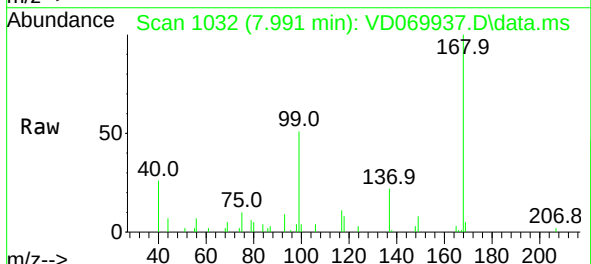
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-457-COMP

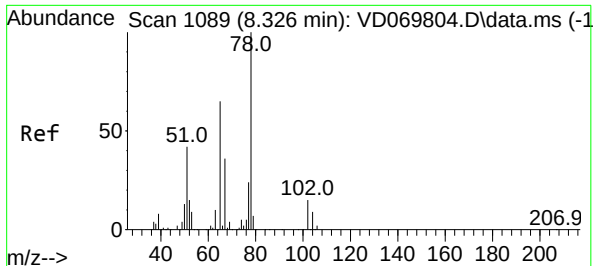
Tgt Ion: 43 Resp: 54
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#31
 Cyclohexane
 Concen: 1.275 ug/l
 RT: 7.991 min Scan# 1032
 Delta R.T. 0.006 min
 Lab File: VD069937.D
 Acq: 30 Jul 2021 15:28

Tgt Ion: 56 Resp: 1519
 Ion Ratio Lower Upper
 56 100
 69 73.1 27.9 41.9#
 84 60.3 71.4 107.2#

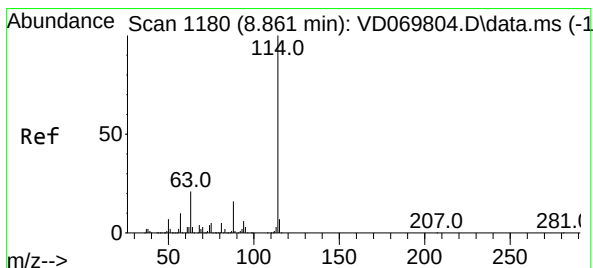
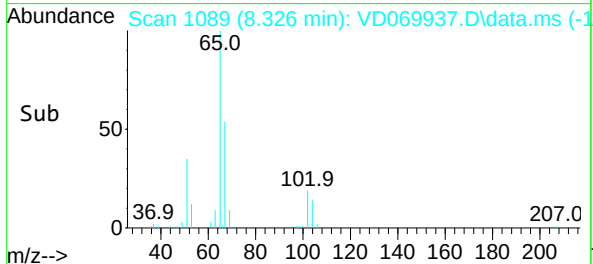
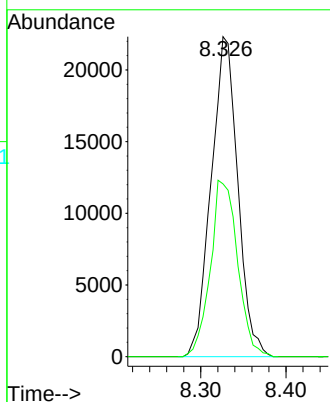
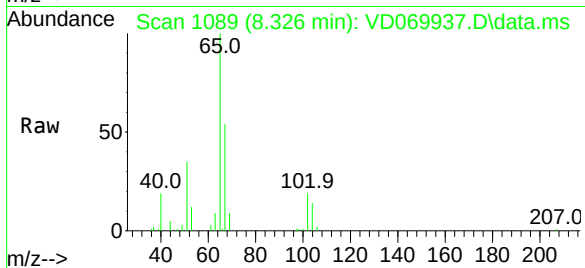




#33
 1,2-Dichloroethane-d4
 Concen: 79.448 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD069937.D
 Acq: 30 Jul 2021 15:28

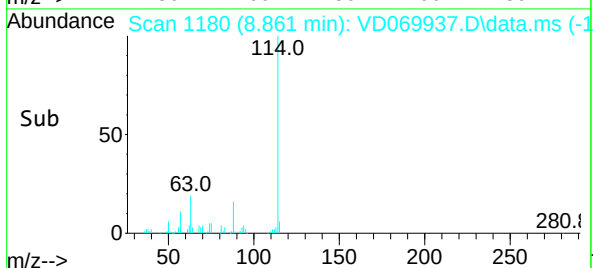
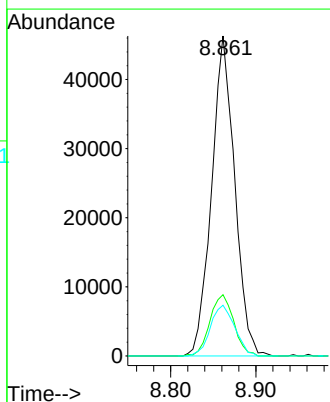
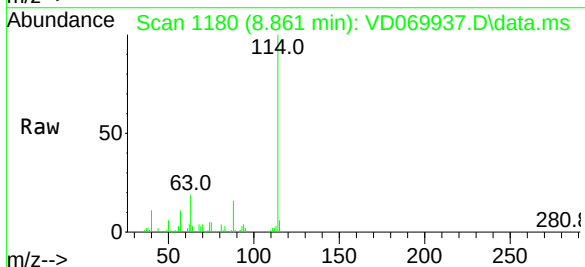
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-457-COMP

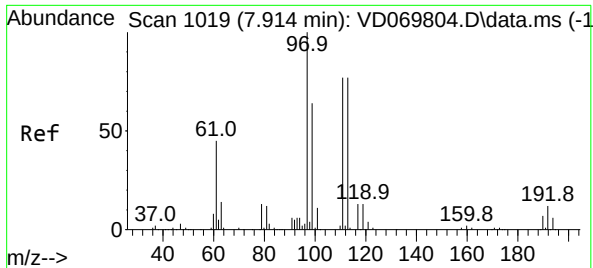
Tgt Ion: 65 Resp: 48430
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD069937.D
 Acq: 30 Jul 2021 15:28

Tgt Ion: 114 Resp: 87294
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.6
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 56.286 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD069937.D

Acq: 30 Jul 2021 15:28

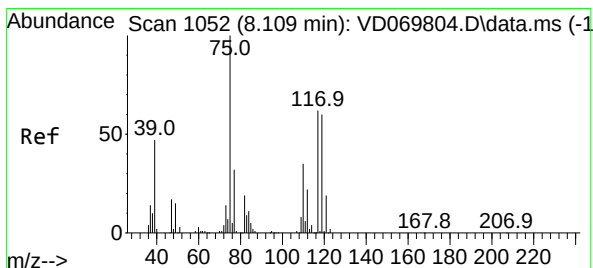
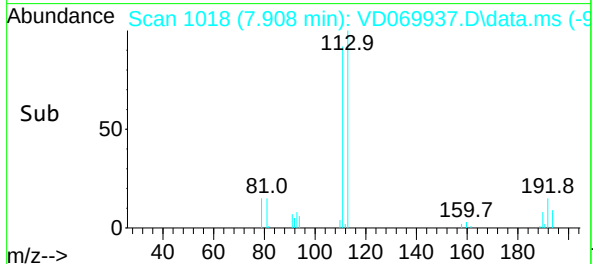
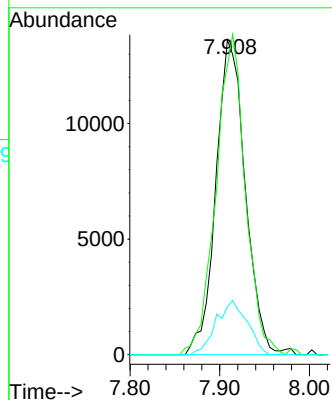
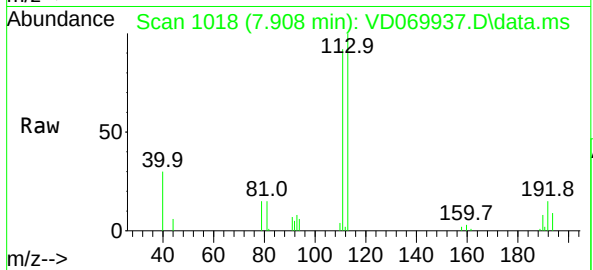
Tgt Ion:113 Resp: 30974

Ion Ratio Lower Upper

113 100

111 101.5 80.5 120.7

192 18.3 12.6 19.0



#36

1,1-Dichloropropene

Concen: 5.239 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD069937.D

Acq: 30 Jul 2021 15:28

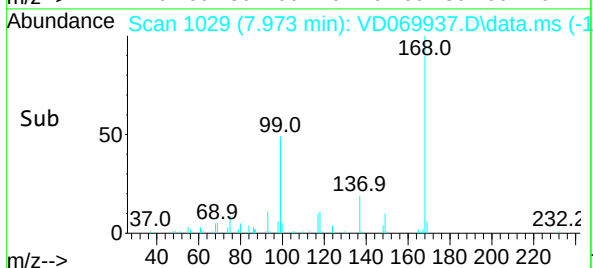
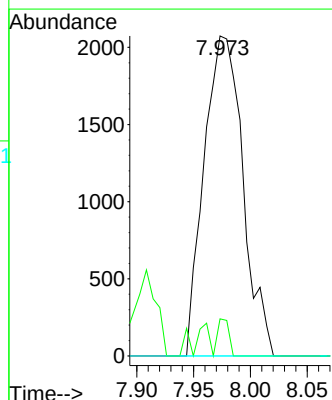
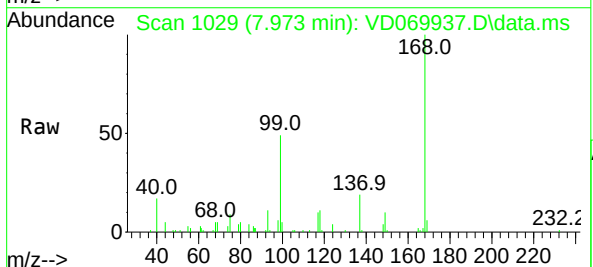
Tgt Ion: 75 Resp: 4935

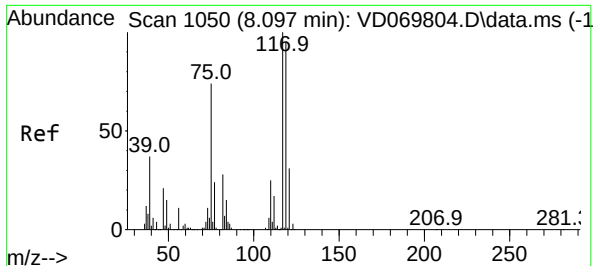
Ion Ratio Lower Upper

75 100

110 3.4 16.9 50.7#

77 0.0 24.9 37.3#

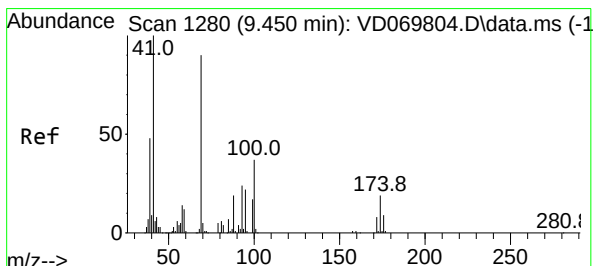
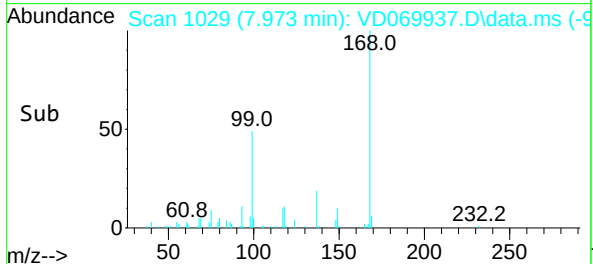
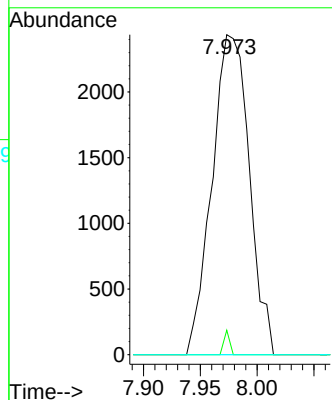
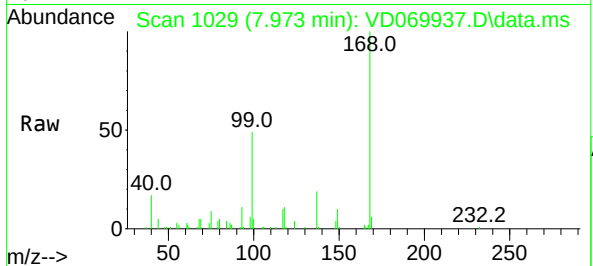




#38
Carbon Tetrachloride
Concen: 6.461 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

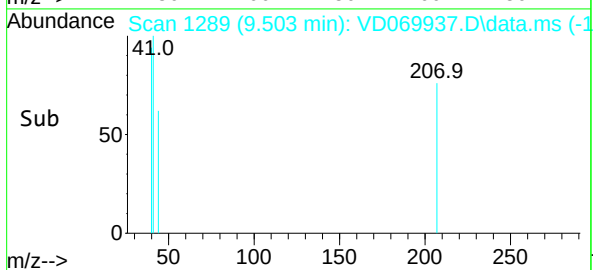
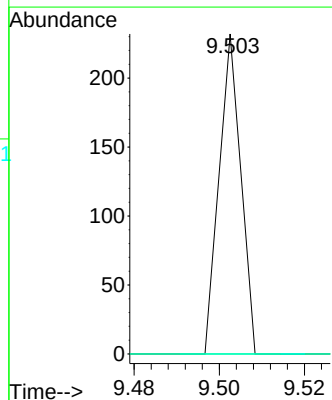
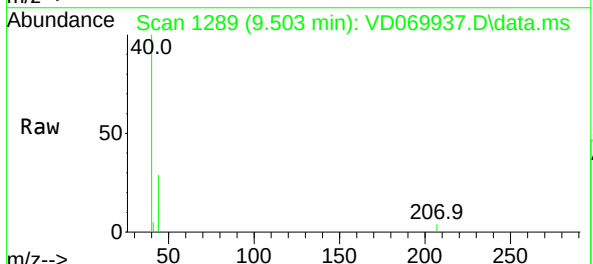
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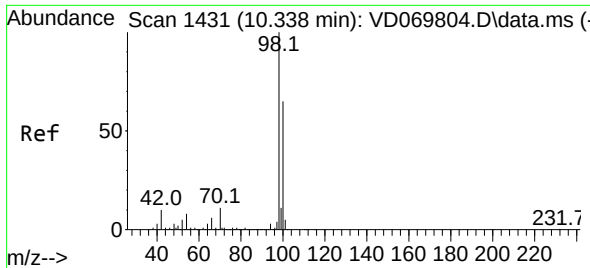
Tgt Ion: 117 Resp: 5560
Ion Ratio Lower Upper
117 100
119 7.6 76.2 114.2#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 2.983 ug/l
RT: 9.503 min Scan# 1289
Delta R.T. 0.053 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

Tgt Ion: 41 Resp: 82
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#

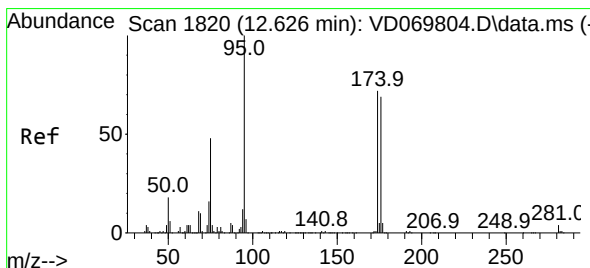
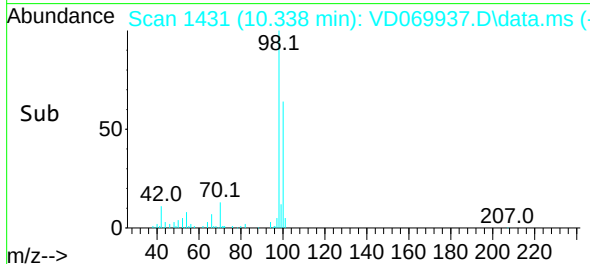
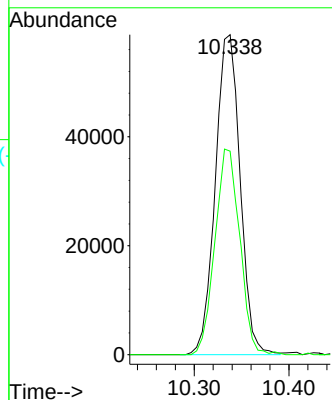
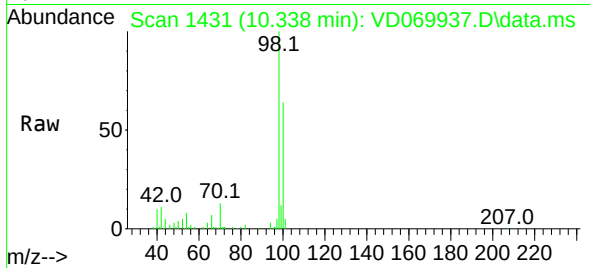




#50
Toluene-d8
Concen: 50.423 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

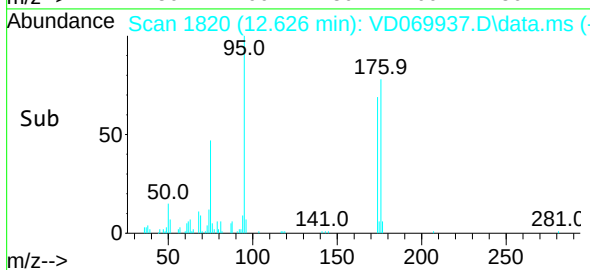
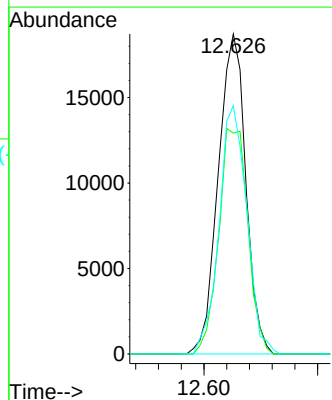
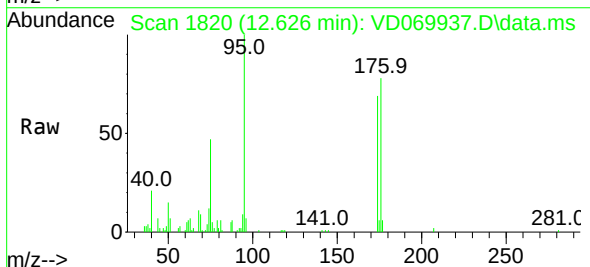
Instrument :
MSVOA_D
ClientSampleId :
MH-457-COMP

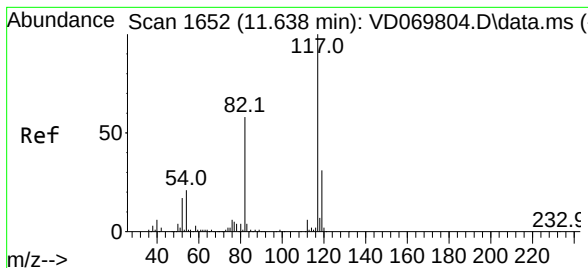
Tgt Ion: 98 Resp: 106994
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.342 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

Tgt Ion: 95 Resp: 31445
Ion Ratio Lower Upper
95 100
174 74.5 0.0 142.6
176 78.2 0.0 134.2

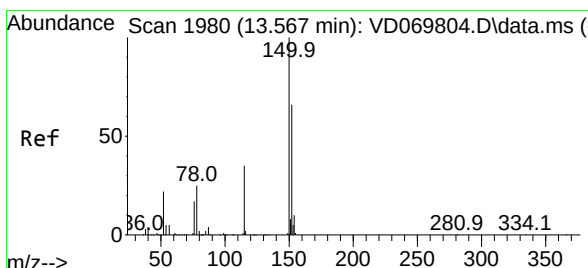
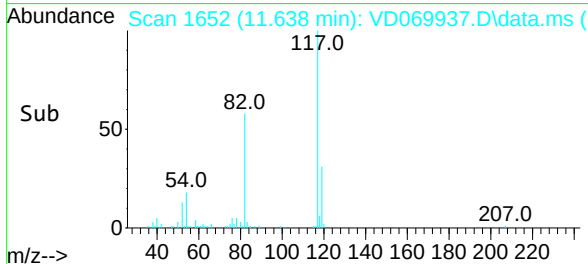
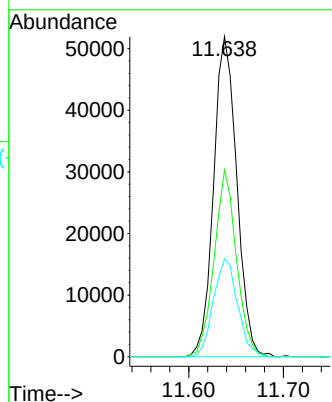
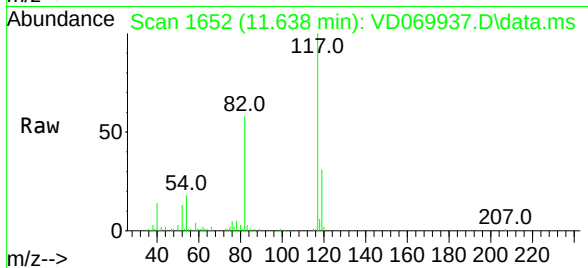




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

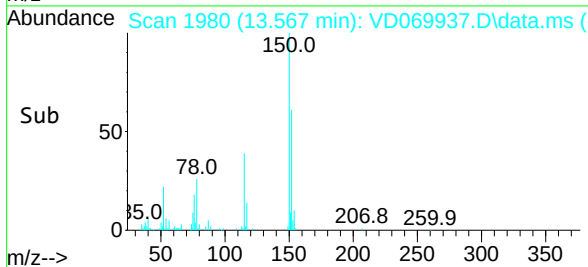
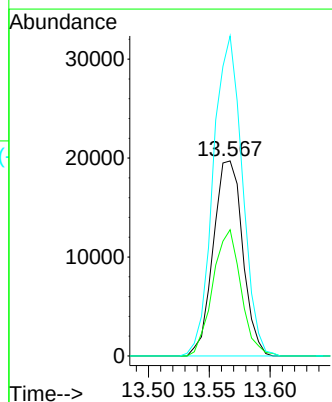
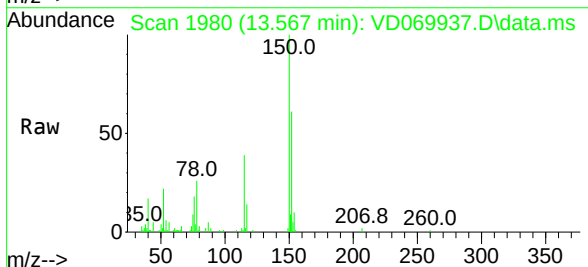
Instrument :
MSVOA_D
ClientSampleId :
MH-457-COMP

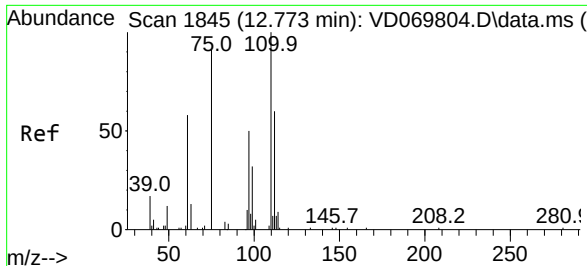
Tgt Ion:	117	Resp:	88354
Ion Ratio	Lower	Upper	
117	100		
82	58.4	46.3	69.5
119	30.6	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

Tgt Ion:	152	Resp:	33164
Ion Ratio	Lower	Upper	
152	100		
115	62.1	31.1	93.3
150	162.2	0.0	343.0

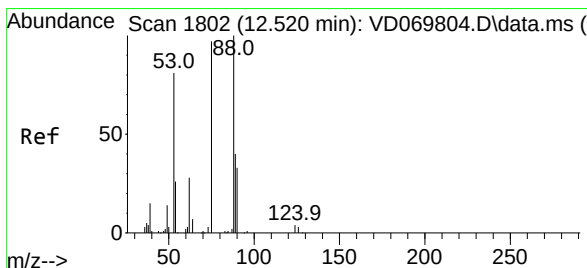
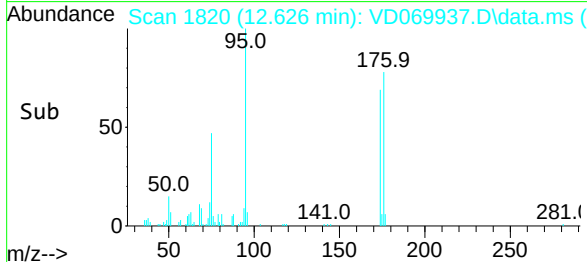
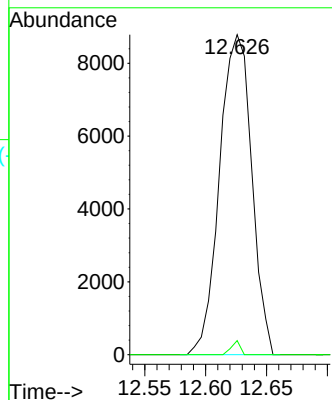
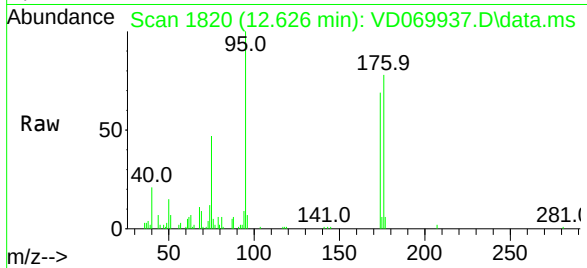




#76
1,2,3-Trichloropropane
Concen: 45.724 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

Instrument :
MSVOA_D
ClientSampleId :
MH-457-COMP

Tgt Ion: 75 Resp: 16118
Ion Ratio Lower Upper
75 100
77 1.2 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.714 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069937.D
Acq: 30 Jul 2021 15:28

Tgt Ion: 75 Resp: 16118
Ion Ratio Lower Upper
75 100
53 0.0 67.2 100.8#
89 0.0 35.8 53.6#

