

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068391.D
 Acq On : 17 Feb 2021 18:57
 Operator : VA/SY
 Sample : M1430-17
 Misc : 5.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-1

Quant Time: Feb 18 00:15:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

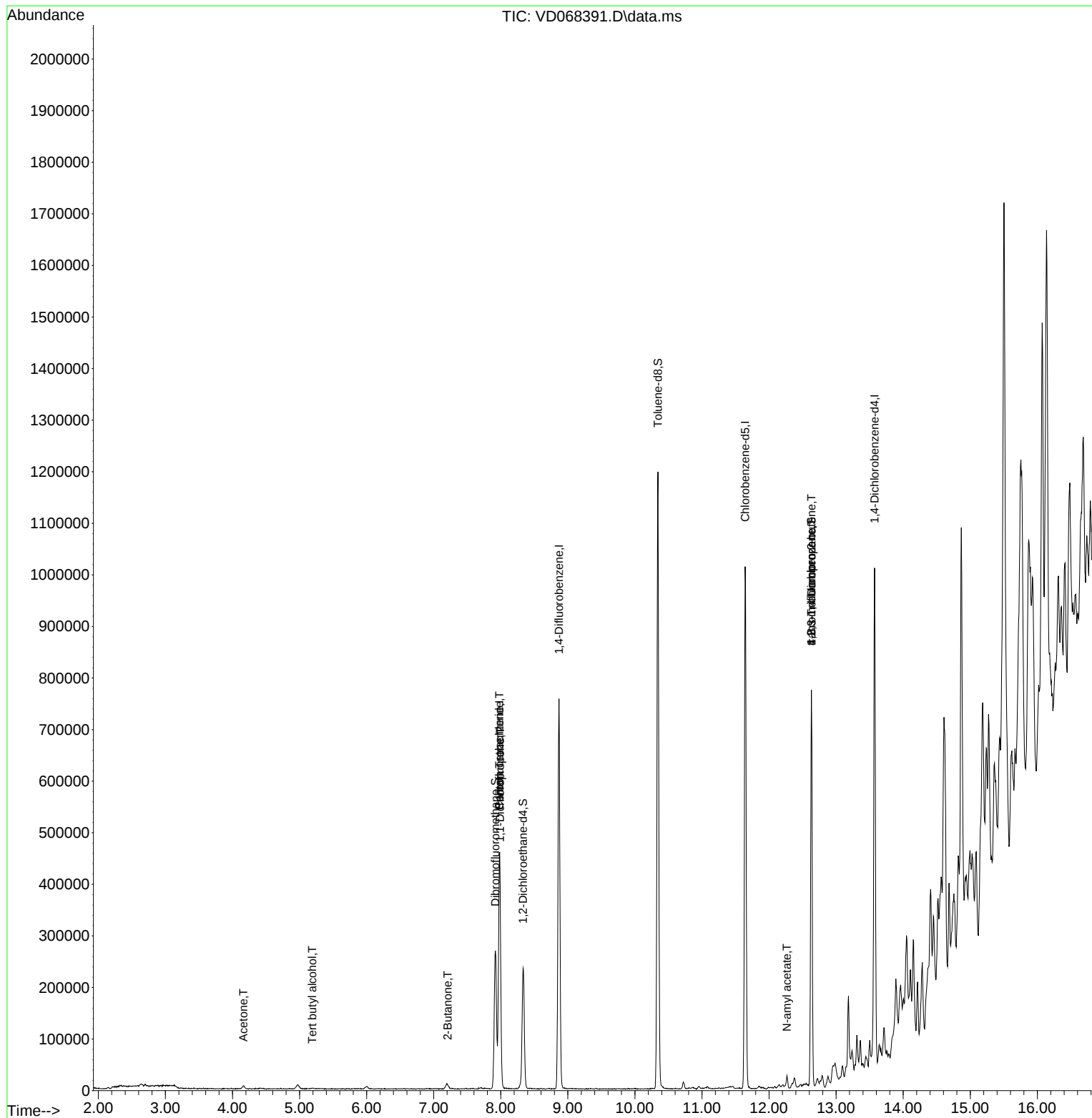
Internal Standards						
1) Pentafluorobenzene	7.979	168	343615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	666250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	607380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	251443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	188279	53.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.20%			
35) Dibromofluoromethane	7.920	113	199325	50.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.80%			
50) Toluene-d8	10.344	98	837146	51.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.14%			
62) 4-Bromofluorobenzene	12.632	95	253517	47.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.96%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	315	1.79	ug/l #	74
16) Acetone	4.162	43	9878	18.23	ug/l	95
20) Methylene Chloride	4.967	84	6204	Below Cal		93
25) 2-Butanone	7.208	43	1423	1.88	ug/l #	43
31) Cyclohexane	7.979	56	7694	Below Cal	#	11
36) 1,1-Dichloropropene	7.991	75	26761	4.54	ug/l #	47
38) Carbon Tetrachloride	7.979	117	35602	6.33	ug/l #	16
74) N-amyl acetate	12.267	43	5027	1.55	ug/l #	60
76) 1,2,3-Trichloropropane	12.632	75	130236	54.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	130236	136.44	ug/l #	14

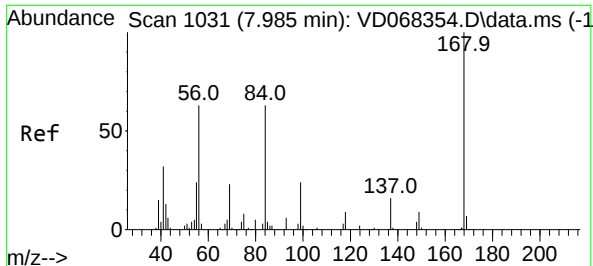
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampled :
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Quant Time: Feb 18 00:15:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

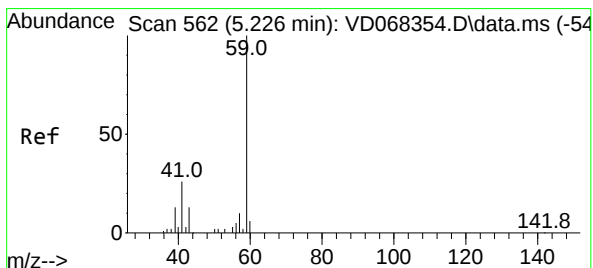
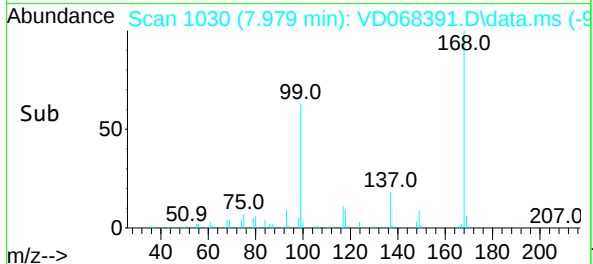
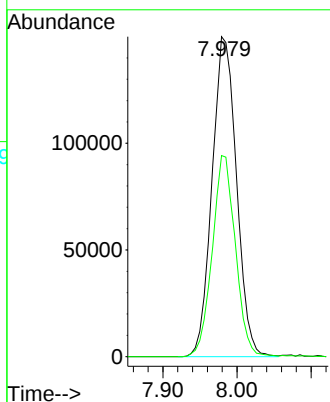
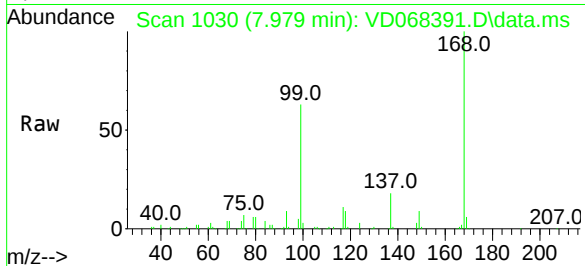




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

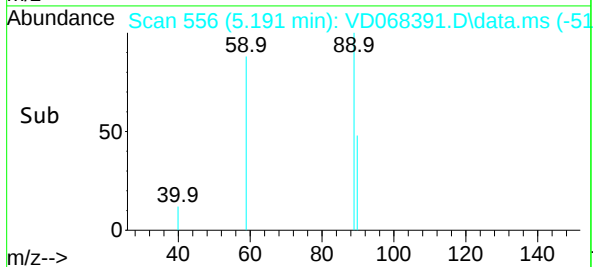
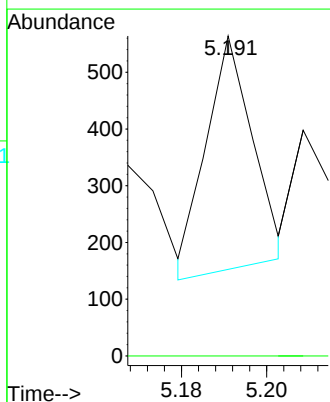
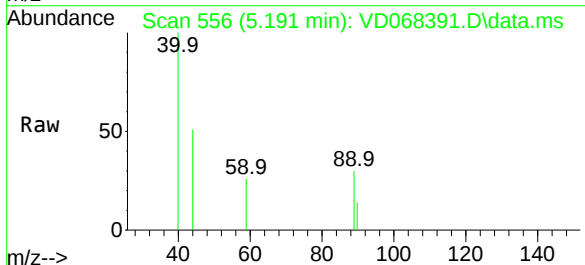
Instrument :
MSVOA_D
ClientSampleId :
G-1

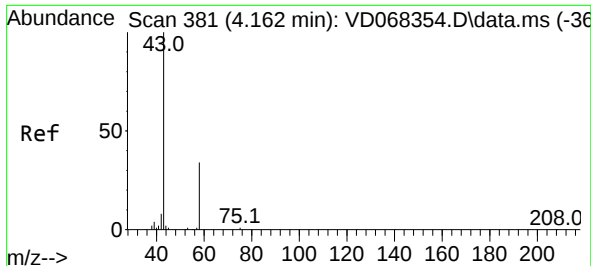
Tgt Ion:168 Resp: 343615
Ion Ratio Lower Upper
168 100
99 62.8 43.5 65.3



#11
Tert butyl alcohol
Concen: 1.79 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.035 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

Tgt Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

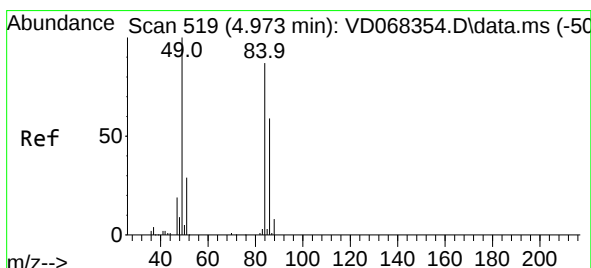
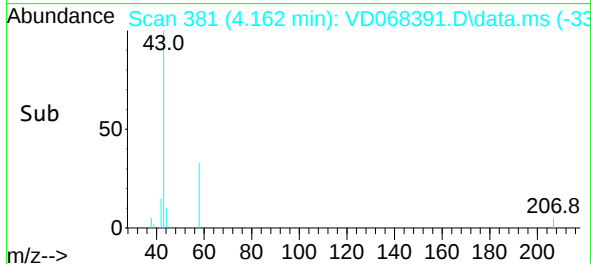
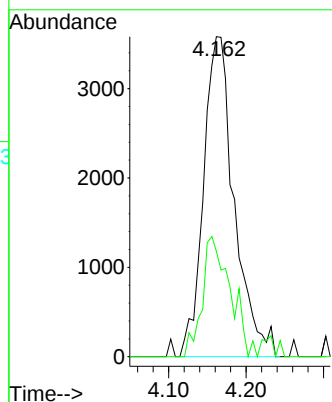
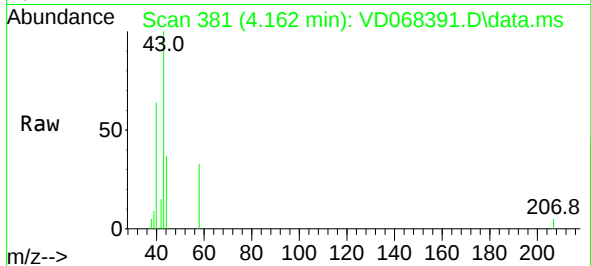




#16
Acetone
Concen: 18.23 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

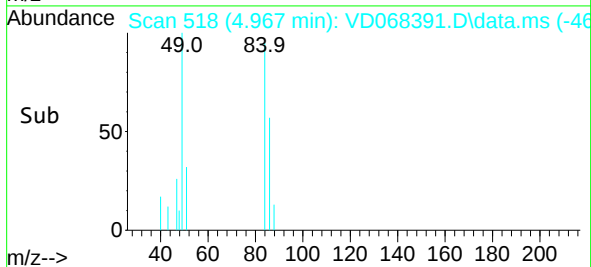
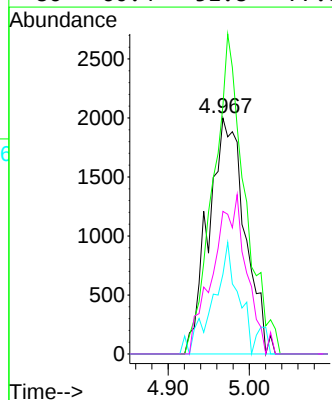
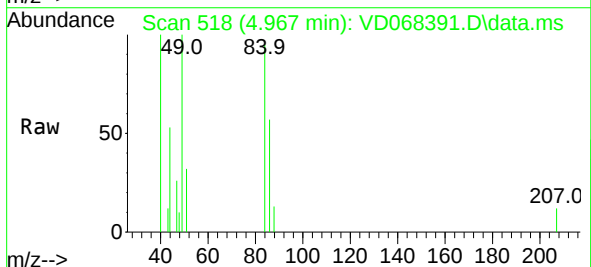
Instrument :
MSVOA_D
ClientSampled :
G-1

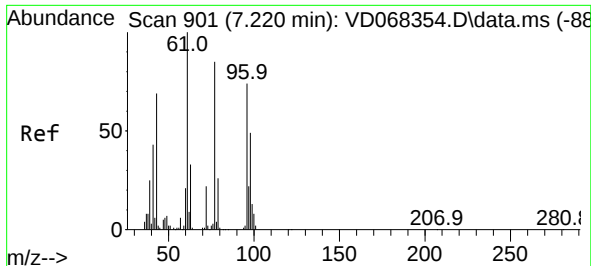
Tgt Ion: 43 Resp: 9878
Ion Ratio Lower Upper
43 100
58 33.0 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

Tgt Ion: 84 Resp: 6204
Ion Ratio Lower Upper
84 100
49 105.3 77.4 116.2
51 33.8 26.1 39.1
86 60.4 51.8 77.8

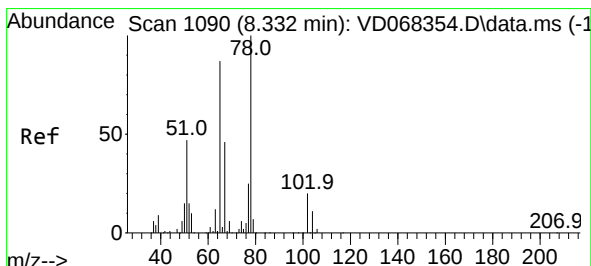
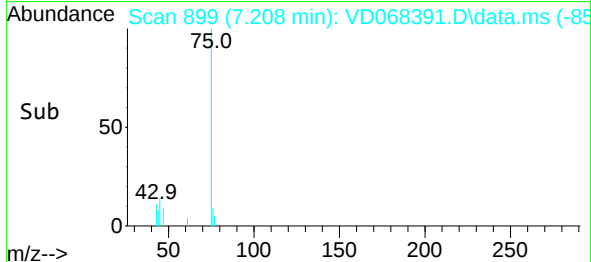
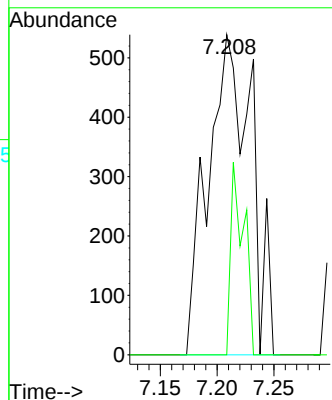
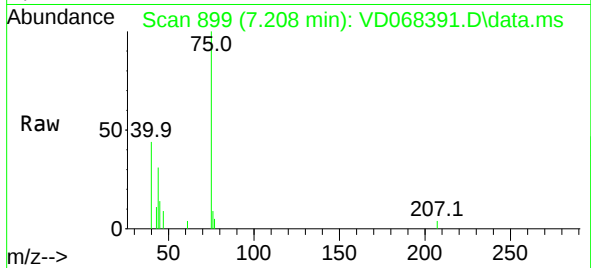




#25
2-Butanone
Concen: 1.88 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

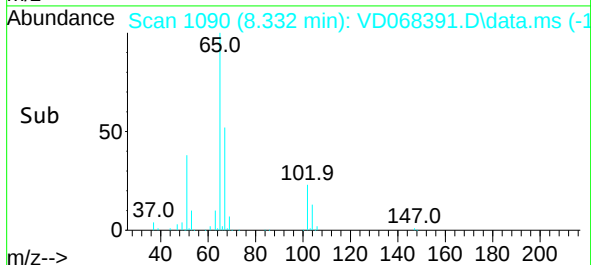
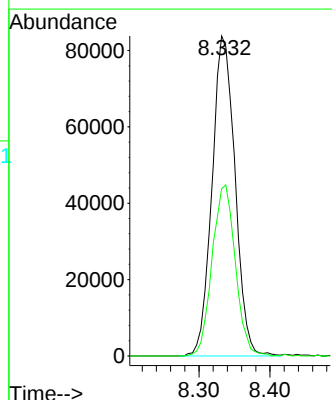
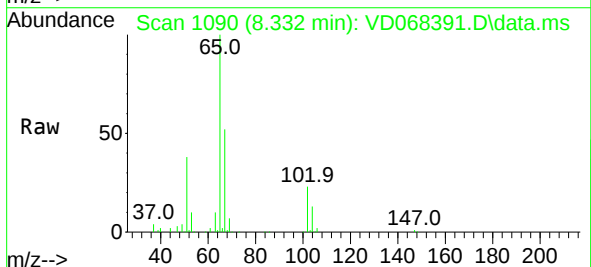
Instrument :
MSVOA_D
ClientSampled :
G-1

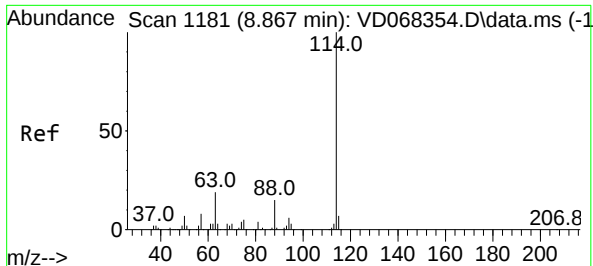
Tgt Ion: 43 Resp: 1423
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#33
1,2-Dichloroethane-d4
Concen: 53.60 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

Tgt Ion: 65 Resp: 188279
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0



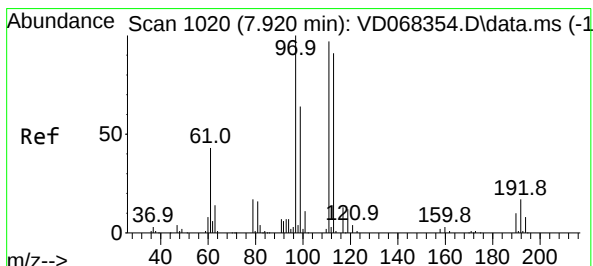
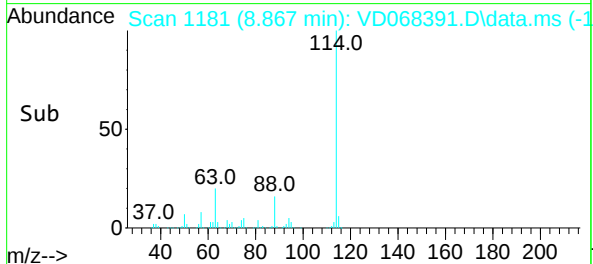
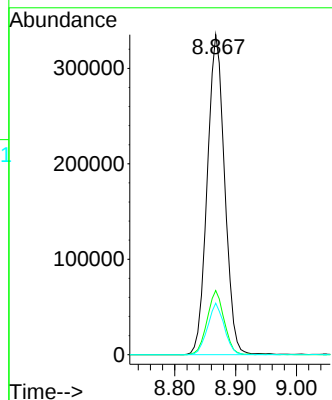
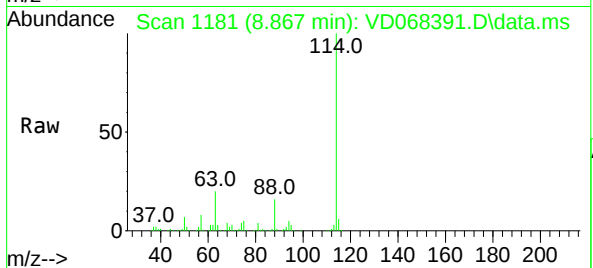


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

Instrument :
MSVOA_D
ClientSampled :
G-1

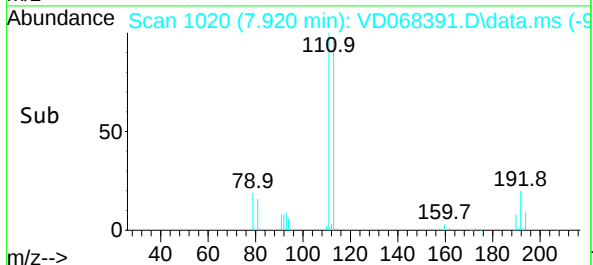
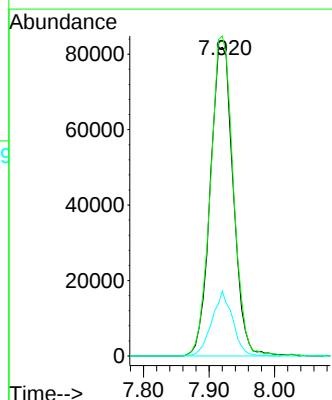
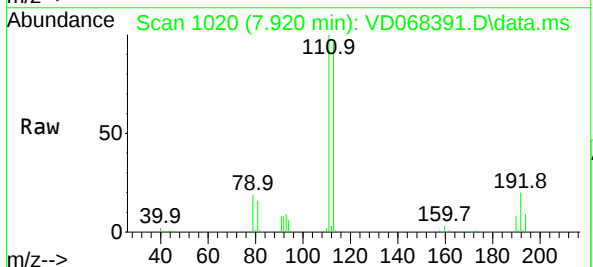
Tgt Ion:114 Resp: 666250
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 16.1 0.0 31.6

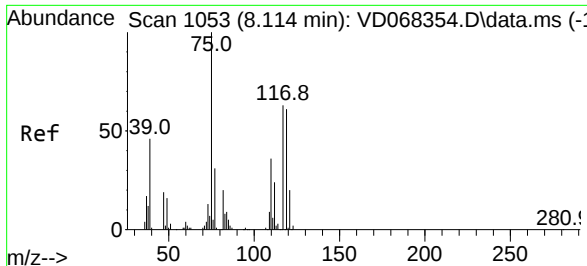


#35

Dibromofluoromethane
Concen: 50.40 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

Tgt Ion:113 Resp: 199325
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 19.0 16.1 24.1

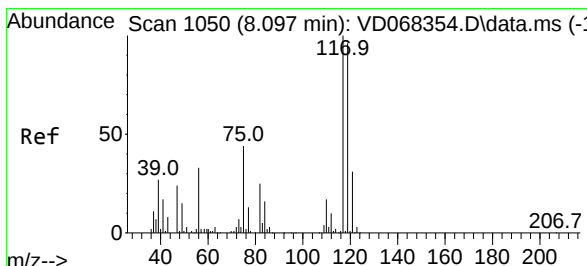
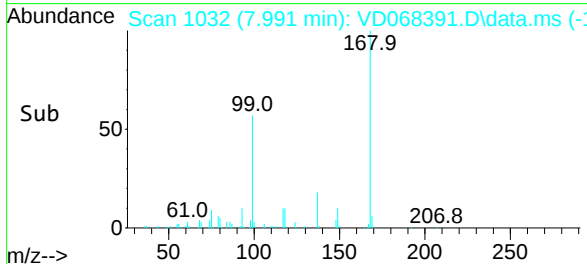
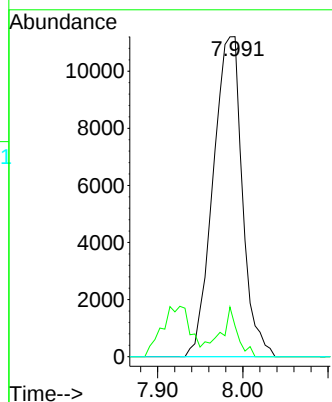
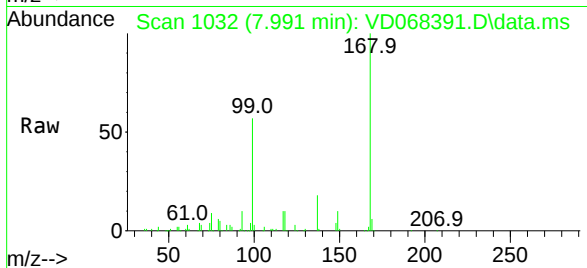




#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.124 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

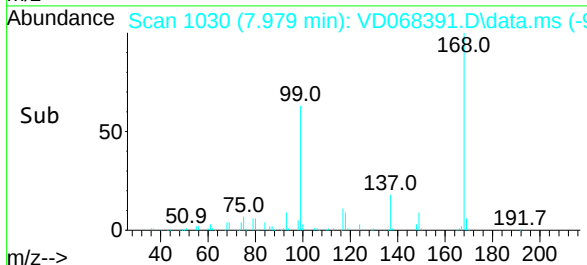
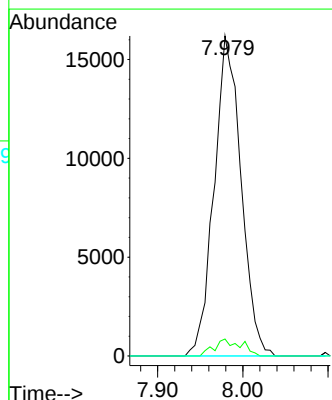
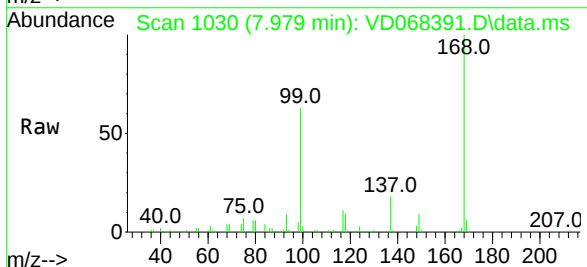
Instrument :
MSVOA_D
ClientSampled :
G-1

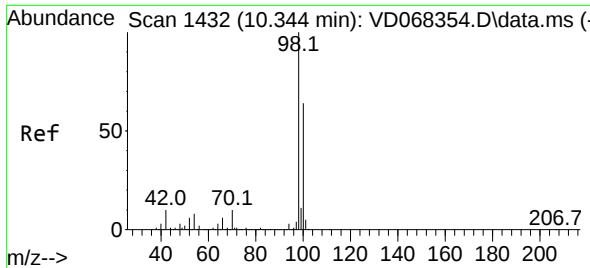
Tgt Ion: 75 Resp: 26761
Ion Ratio Lower Upper
75 100
110 8.1 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

Tgt Ion: 117 Resp: 35602
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.7 37.1#

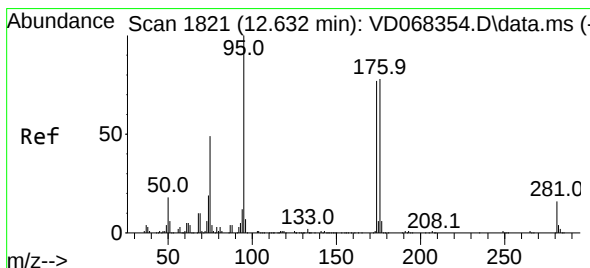
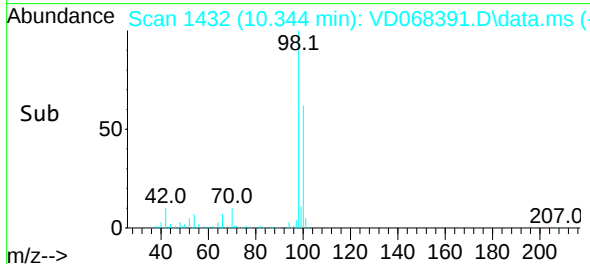
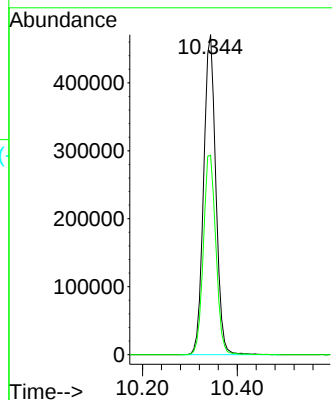
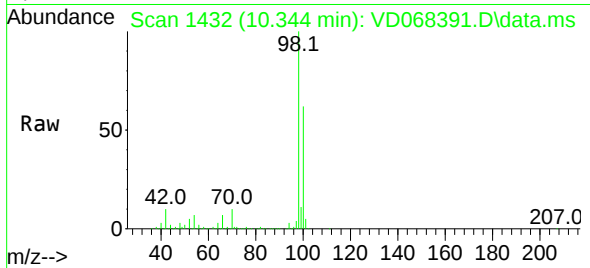




#50
Toluene-d8
Concen: 51.07 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

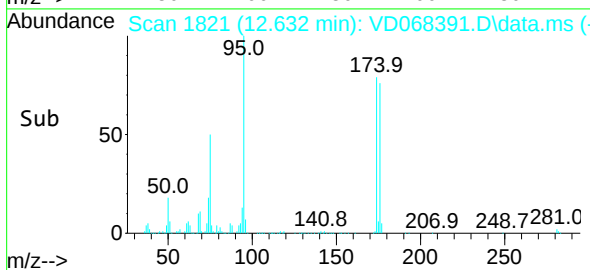
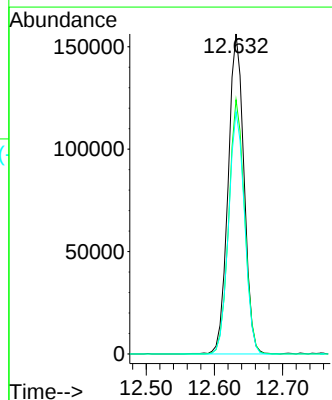
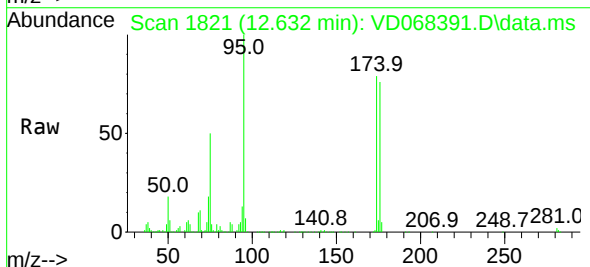
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MSVOA_D
ClientSampled :
G-1

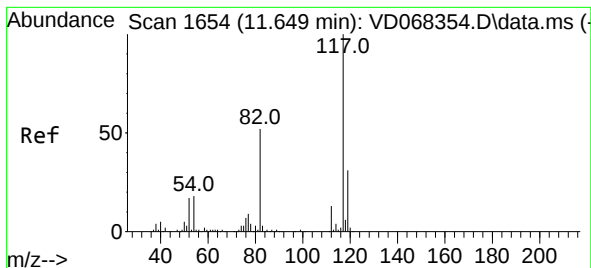
Tgt Ion: 98 Resp: 837146
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

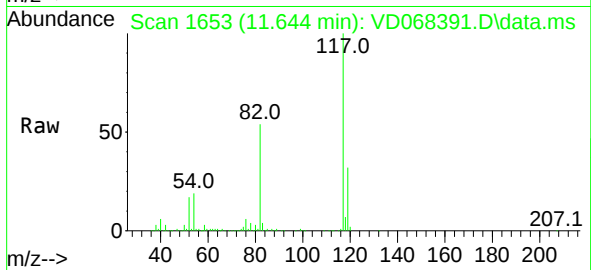
Tgt Ion: 95 Resp: 253517
Ion Ratio Lower Upper
95 100
174 78.7 0.0 172.4
176 75.5 0.0 168.4



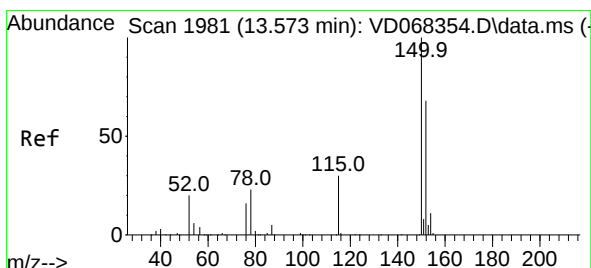
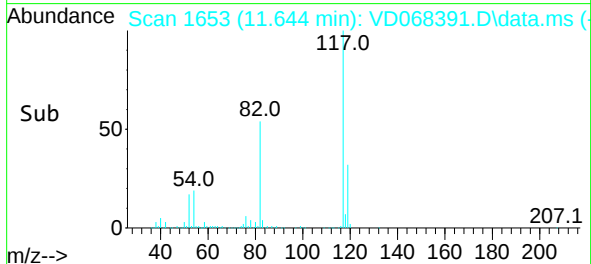
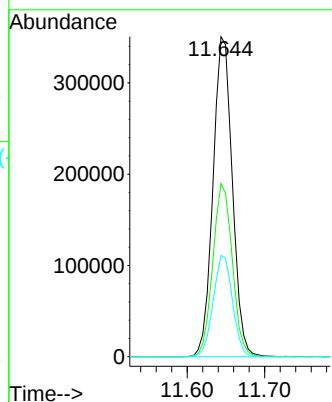


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

Instrument :
MSVOA_D
ClientSampleId :
G-1

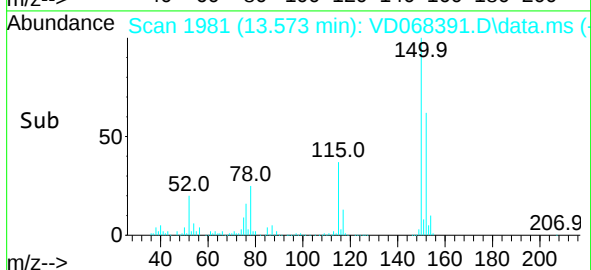
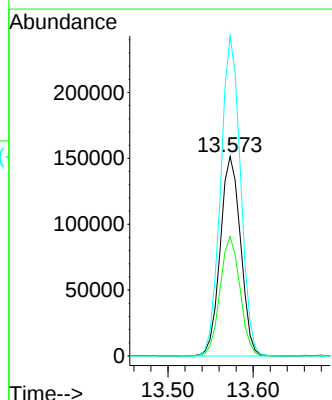
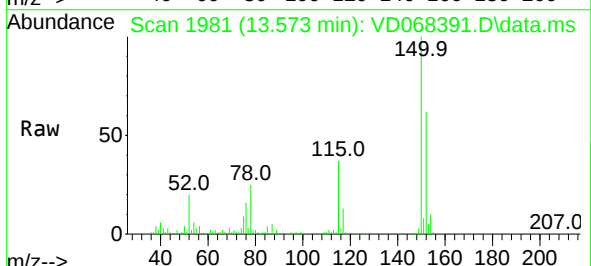


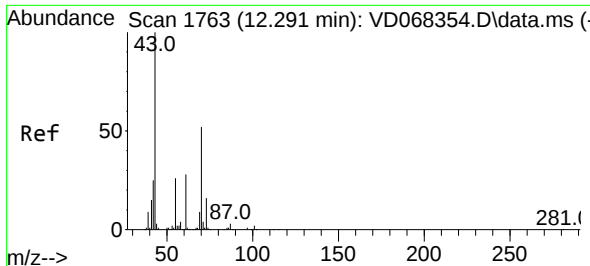
Tgt Ion:	117	Resp:	607380
Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.4	62.0
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

Tgt Ion:	152	Resp:	251443
Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.9	86.8
150	156.2	0.0	344.4

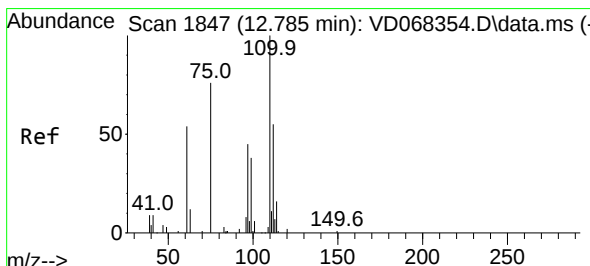
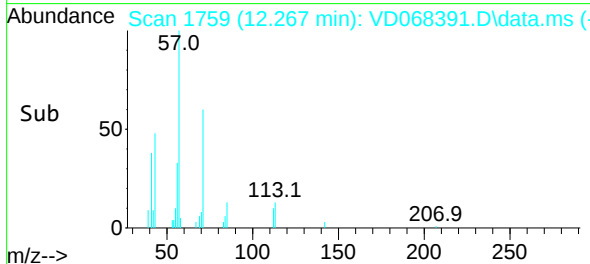
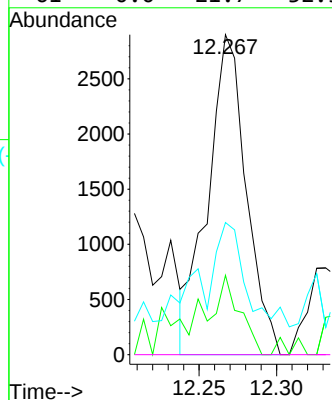
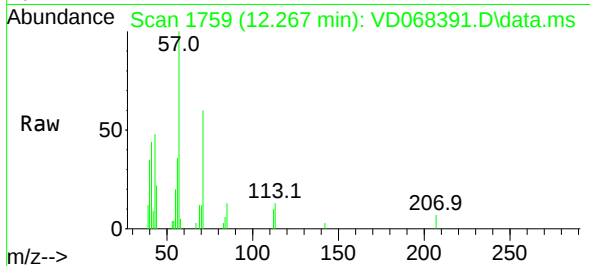




#74
N-amy1 acetate
Concen: 1.55 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.024 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

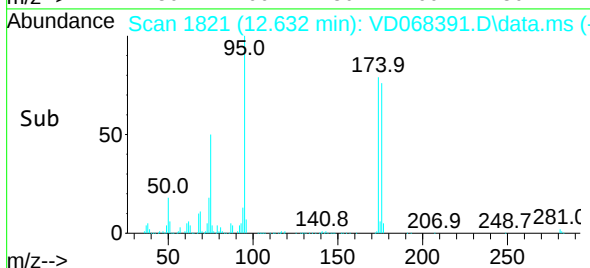
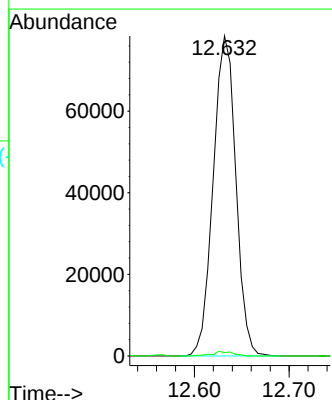
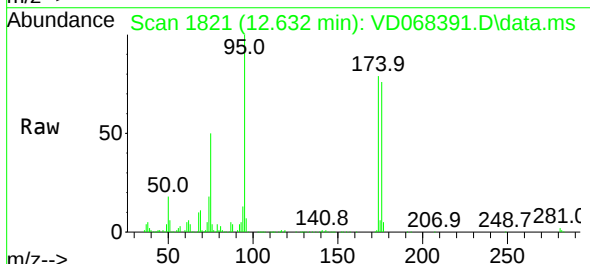
Instrument :
MSVOA_D
ClientSampleId :
G-1

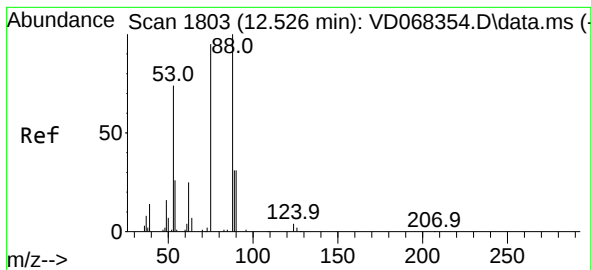
Tgt Ion:	43	Resp:	5027
Ion	Ratio	Lower	Upper
43	100		
70	20.1	41.8	62.8#
55	41.4	24.2	36.4#
61	0.0	21.7	32.5#



#76
1,2,3-Trichloropropane
Concen: 54.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

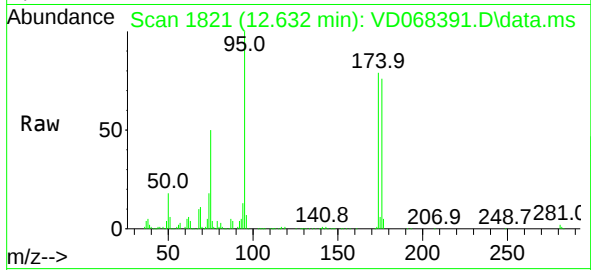
Tgt Ion:	75	Resp:	130236
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 136.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068391.D
Acq: 17 Feb 2021 18:57

Instrument :
MSVOA_D
ClientSampleId :
G-1



Tgt Ion: 75 Resp: 130236
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.0 40.3 60.5#

