

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
 Data File : VN066652.D
 Acq On : 19 Apr 2021 10:53
 Operator : JC/MD
 Sample : VN0419WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 04:53:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

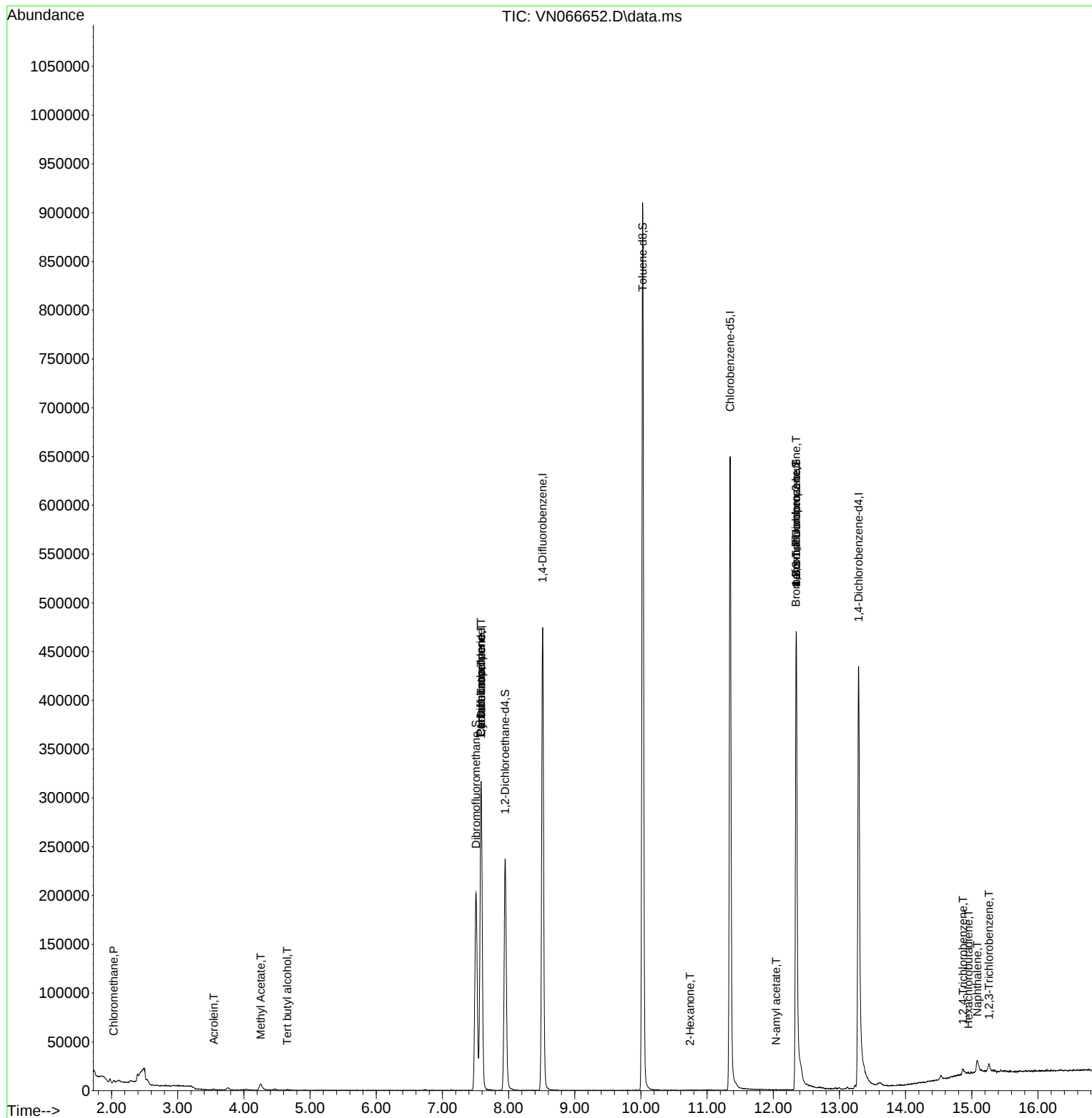
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.586	168	271835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.514	114	422347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	399931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	162524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.948	65	202773	49.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.90%
35) Dibromofluoromethane	7.508	113	161350	55.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	110.18%
50) Toluene-d8	10.026	98	628068	54.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.42%
62) 4-Bromofluorobenzene	12.346	95	200534	49.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.36%
Target Compounds						
					Qvalue	
3) Chloromethane	2.031	50	1767	0.37	ug/l	94
11) Tert butyl alcohol	4.654	59	141	0.21	ug/l #	73
13) Acrolein	3.544	56	791	2.26	ug/l	100
16) Acetone	3.750	43	2155	Below Cal	#	87
18) Methyl Acetate	4.255	43	14284	3.23	ug/l	91
31) Cyclohexane	7.586	56	5358	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.583	75	19511	4.58	ug/l #	48
38) Carbon Tetrachloride	7.586	117	23913	6.00	ug/l #	17
59) 2-Hexanone	10.742	43	78	4.89	ug/l #	23
71) Bromoform	12.343	173	1280	0.54	ug/l #	1
74) N-amyl acetate	12.043	43	51	9.73	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	99670	26.22	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	99670	80.88	ug/l #	12
88) 1,4-Dichlorobenzene	13.234	146	749	Below Cal		82
93) 1,2,4-Trichlorobenzene	14.867	180	3013	1.00	ug/l #	90
94) Hexachlorobutadiene	14.950	225	367	0.22	ug/l	77
95) Naphthalene	15.084	128	19528	2.35	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.259	180	4375	1.41	ug/l	93

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
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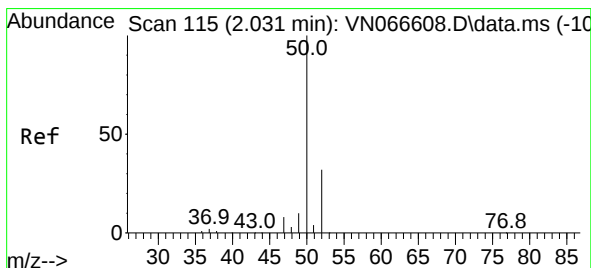
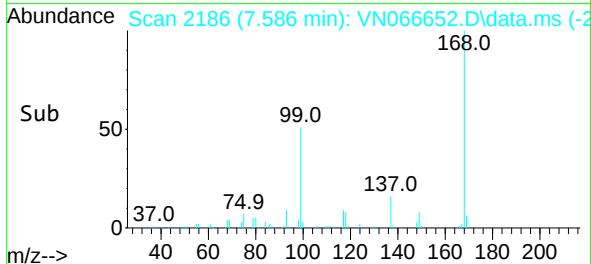
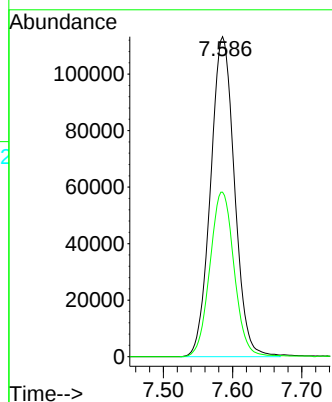
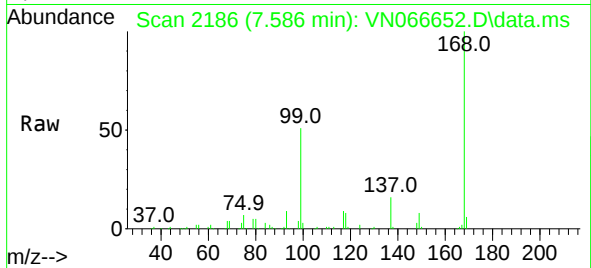




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. -0.002 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

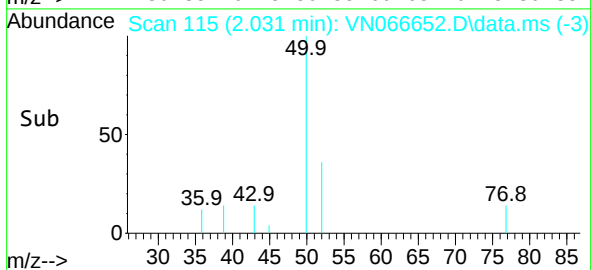
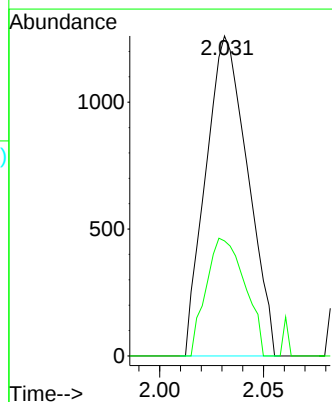
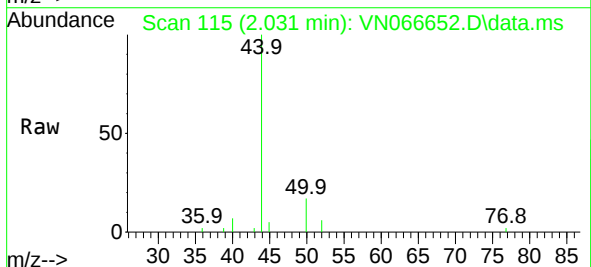
Instrument :
MSVOA_N
ClientSampled :

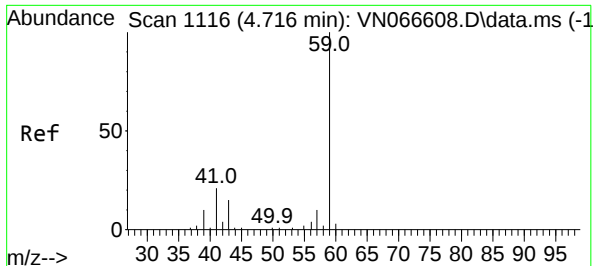
Tgt Ion:168 Resp: 271835
Ion Ratio Lower Upper
168 100
99 51.4 42.6 63.8



#3
Chloromethane
Concen: 0.37 ug/l
RT: 2.031 min Scan# 115
Delta R.T. 0.000 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Tgt Ion: 50 Resp: 1767
Ion Ratio Lower Upper
50 100
52 35.9 25.8 38.8



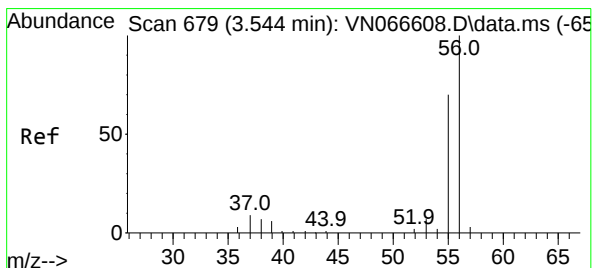
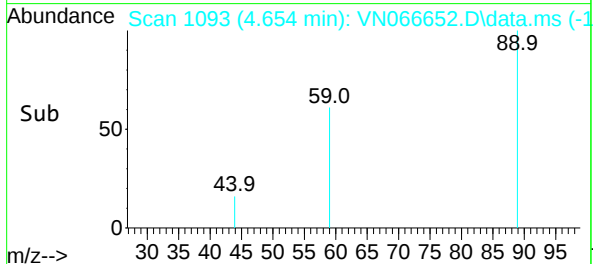
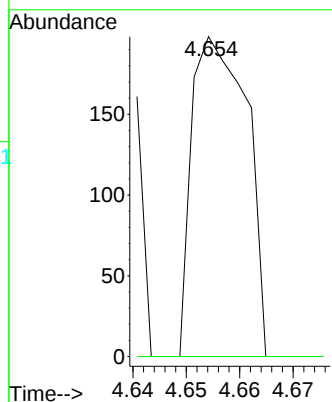
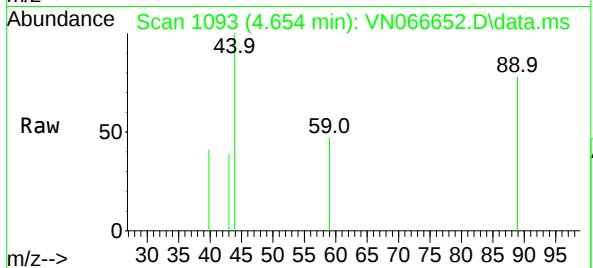


#11

Tert butyl alcohol
Concen: 0.21 ug/l
RT: 4.654 min Scan# 1093
Delta R.T. -0.062 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Instrument :
MSVOA_N
ClientSampled :

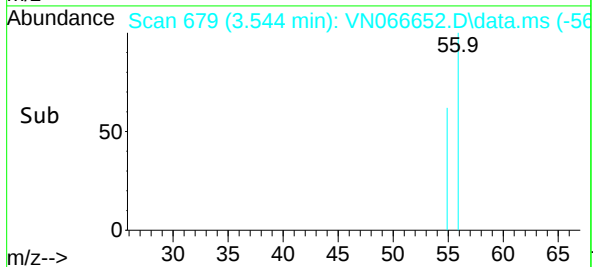
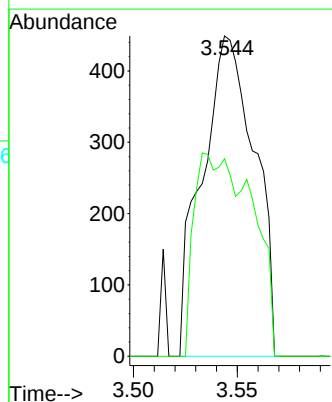
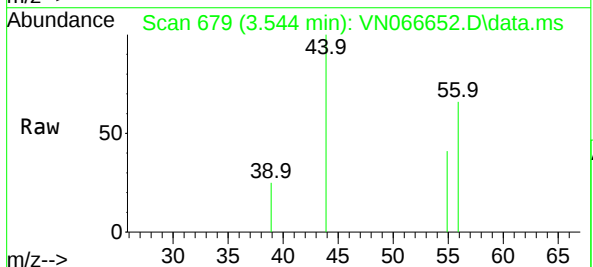
Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

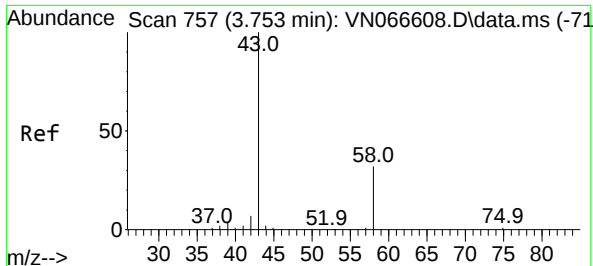


#13

Acrolein
Concen: 2.26 ug/l
RT: 3.544 min Scan# 679
Delta R.T. -0.000 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Tgt Ion: 56 Resp: 791
Ion Ratio Lower Upper
56 100
55 70.3 56.0 84.0

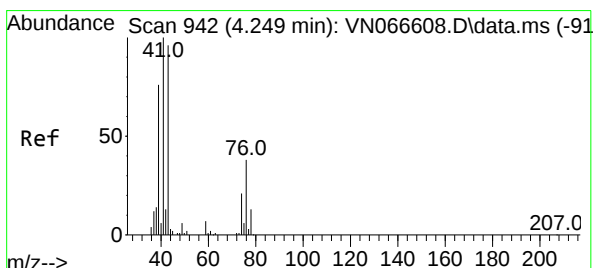
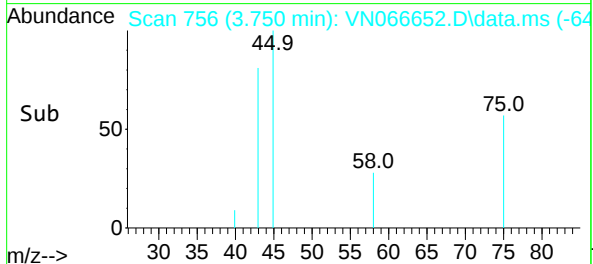
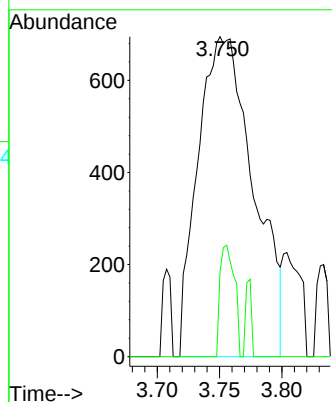
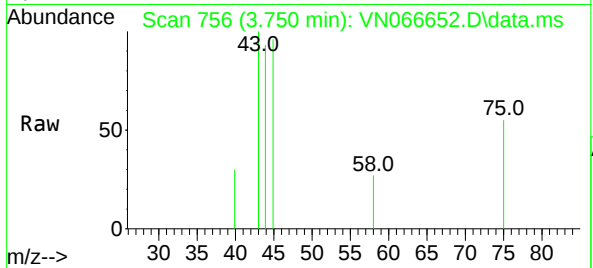




#16
Acetone
Concen: Below Cal
RT: 3.750 min Scan# 756
Delta R.T. -0.003 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

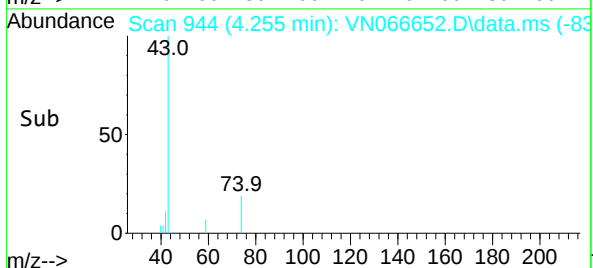
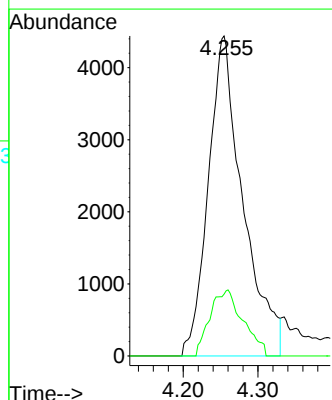
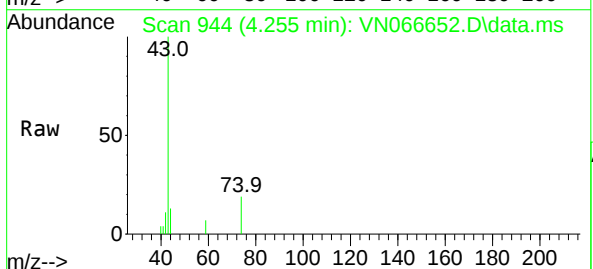
Instrument :
MSVOA_N
ClientSampleId :

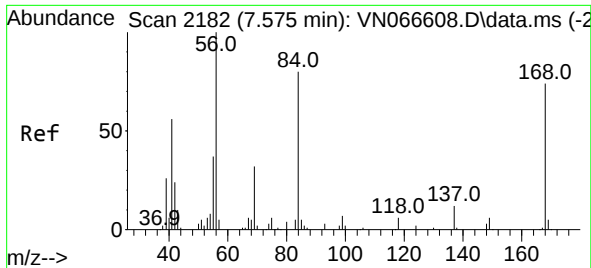
Tgt Ion: 43 Resp: 2155
Ion Ratio Lower Upper
43 100
58 26.6 27.0 40.6#



#18
Methyl Acetate
Concen: 3.23 ug/l
RT: 4.255 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Tgt Ion: 43 Resp: 14284
Ion Ratio Lower Upper
43 100
74 19.7 19.5 29.3

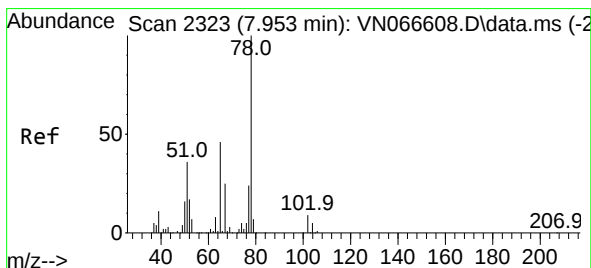
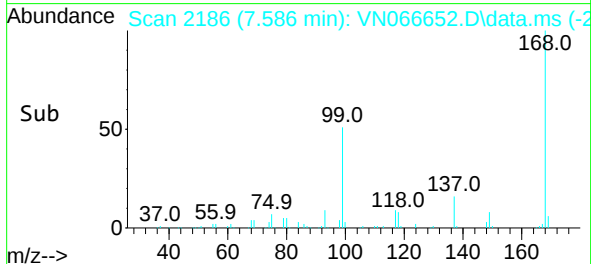
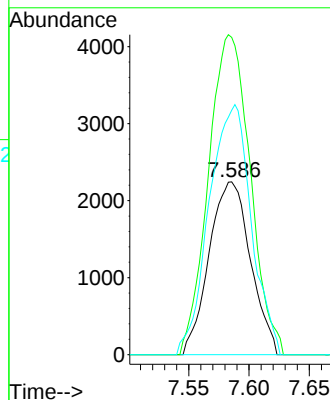
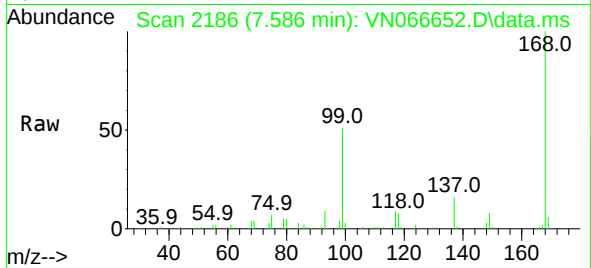




#31
Cyclohexane
Concen: 0.91 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. 0.011 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

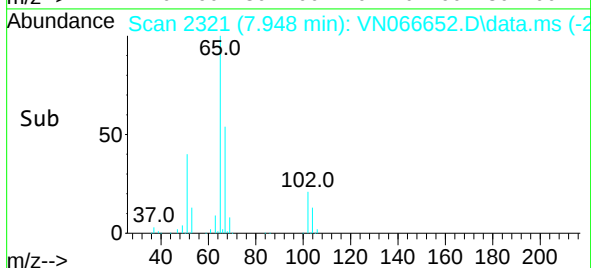
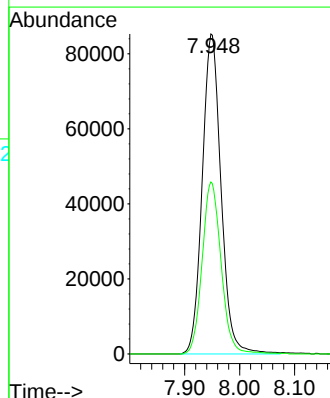
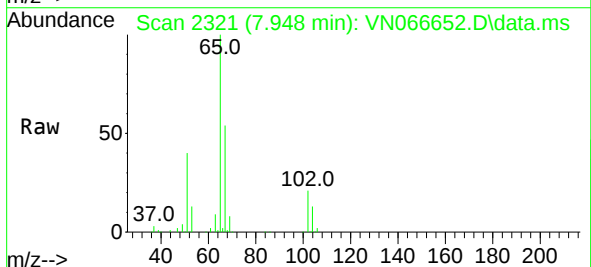
Instrument :
MSVOA_N
ClientSampleId :

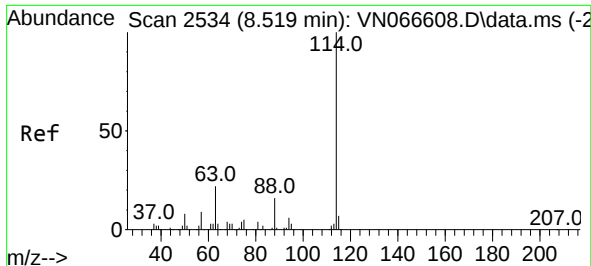
Tgt Ion: 56 Resp: 5358
Ion Ratio Lower Upper
56 100
69 183.6 26.6 39.8#
84 141.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 49.45 ug/l
RT: 7.948 min Scan# 2321
Delta R.T. -0.005 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

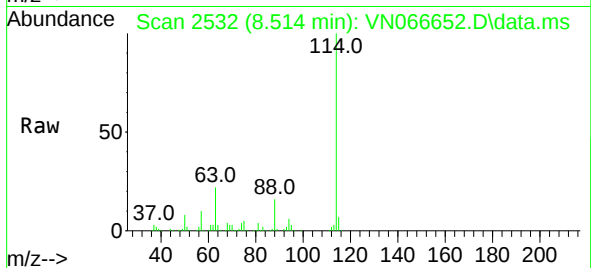
Tgt Ion: 65 Resp: 202773
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2



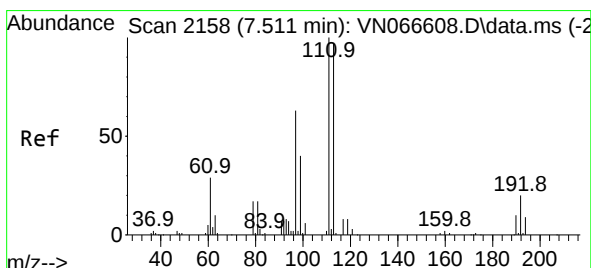
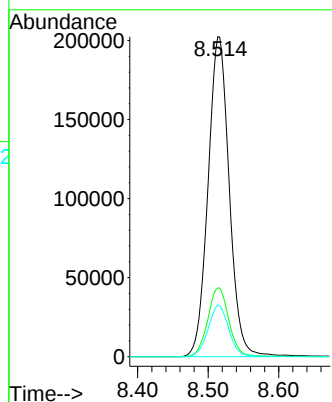
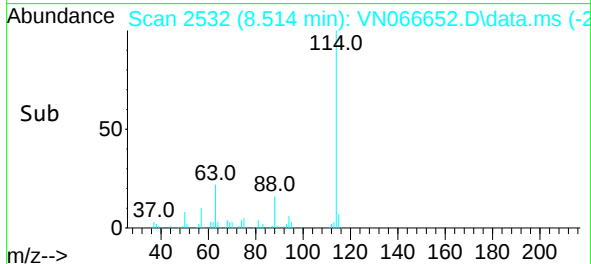


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.514 min Scan# 2532
Delta R.T. -0.005 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

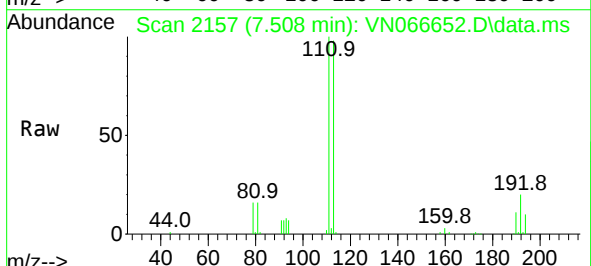
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MSVOA_N
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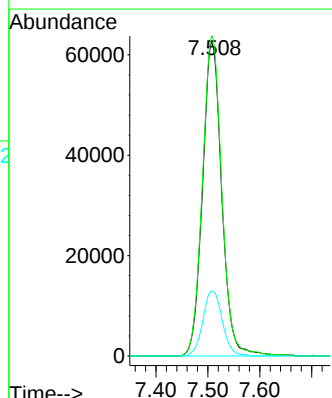
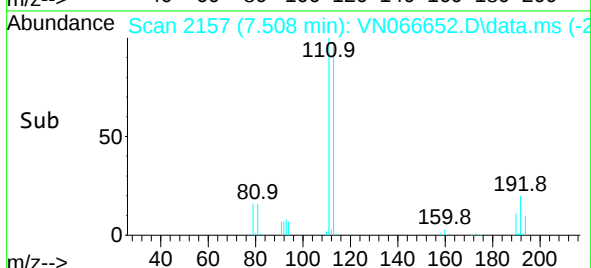
Tgt Ion:114 Resp: 422347
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.6
88 16.1 0.0 30.6

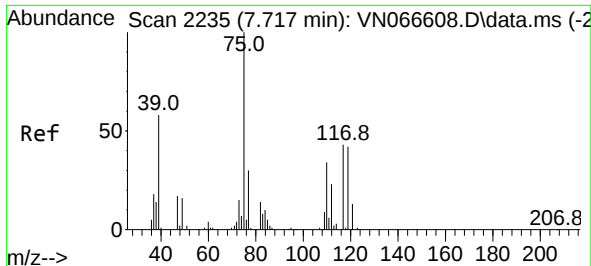


#35
Dibromofluoromethane
Concen: 55.09 ug/l
RT: 7.508 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53



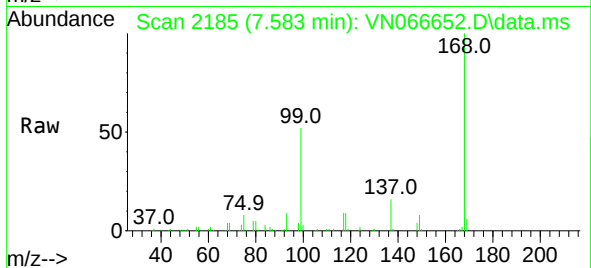
Tgt Ion:113 Resp: 161350
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 21.0 15.4 23.0



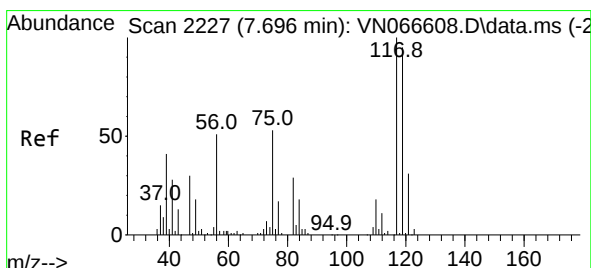
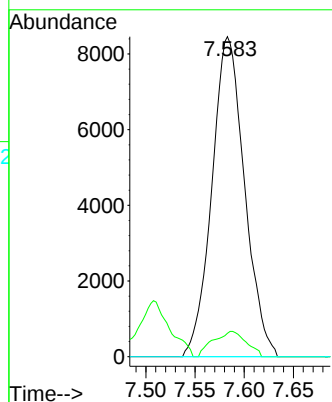
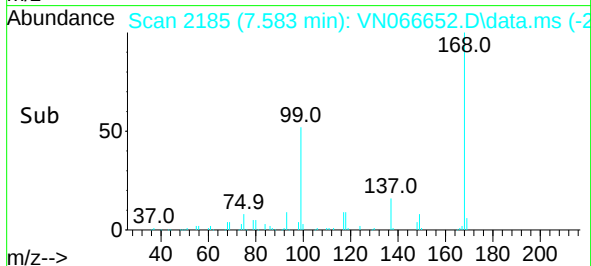


#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.583 min Scan# 2185
Delta R.T. -0.134 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

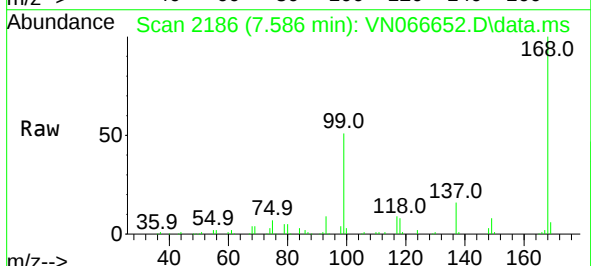
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MSVOA_N
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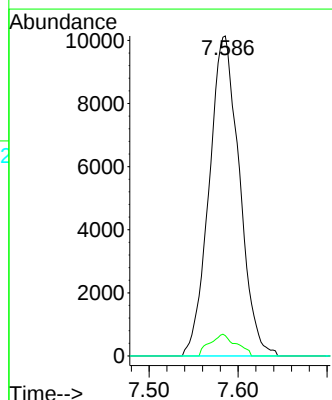
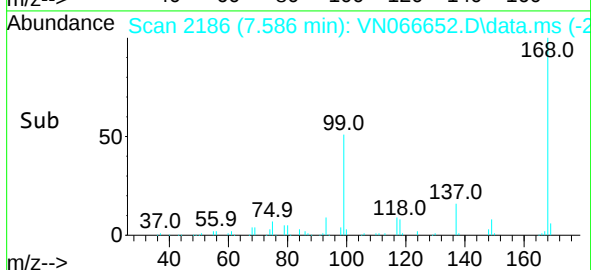
Tgt Ion: 75 Resp: 19511
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#

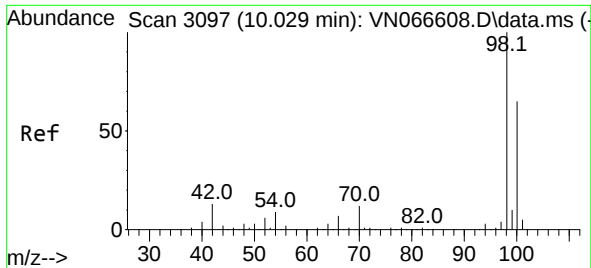


#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. -0.110 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53



Tgt Ion: 117 Resp: 23913
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.5 36.7#

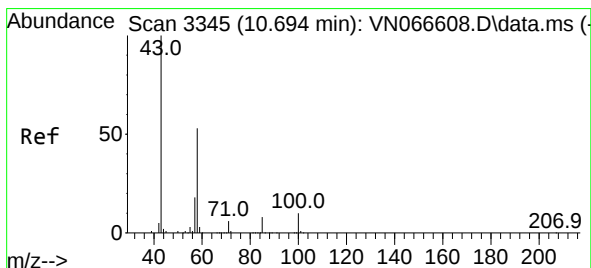
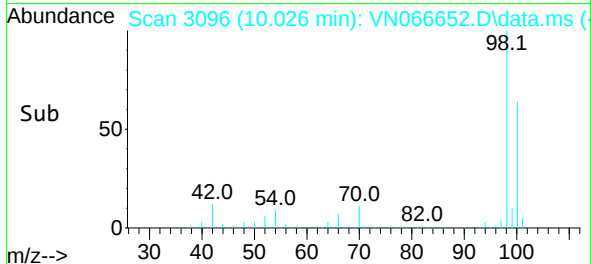
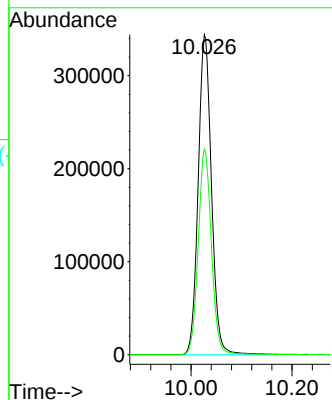
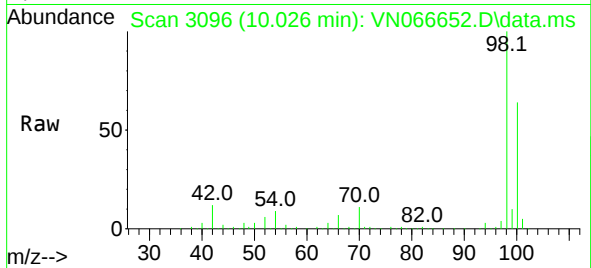




#50
Toluene-d8
Concen: 54.71 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. -0.003 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

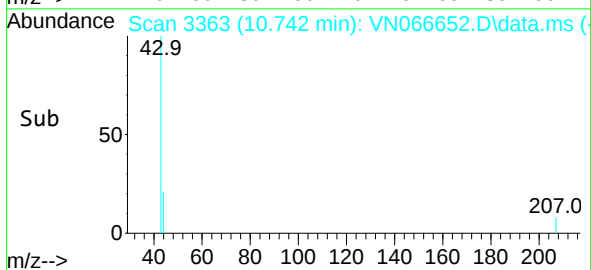
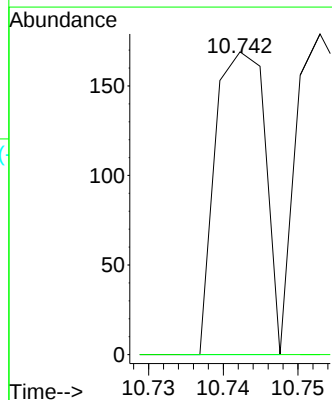
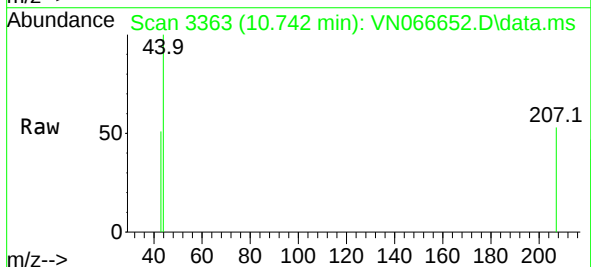
Instrument :
MSVOA_N
ClientSampled :

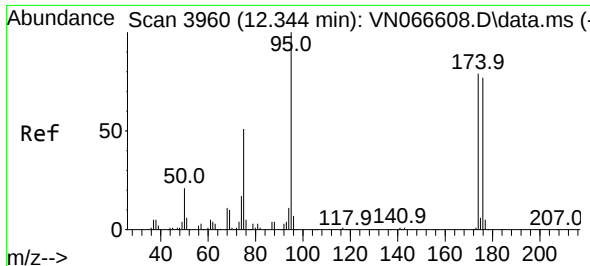
Tgt Ion: 98 Resp: 628068
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#59
2-Hexanone
Concen: 4.89 ug/l
RT: 10.742 min Scan# 3363
Delta R.T. 0.048 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

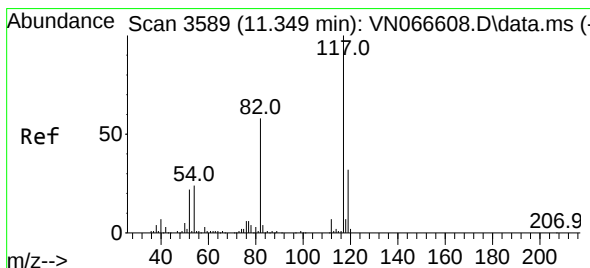
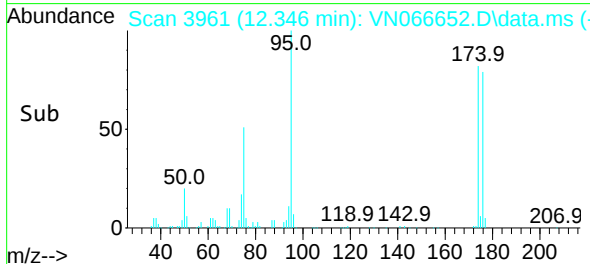
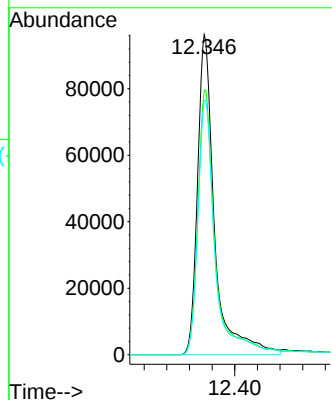
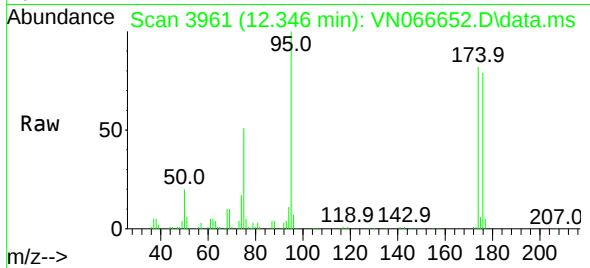




#62
4-Bromofluorobenzene
Concen: 49.68 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

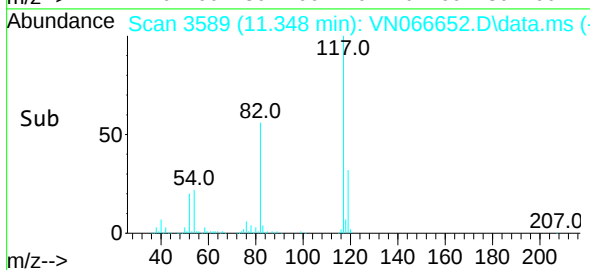
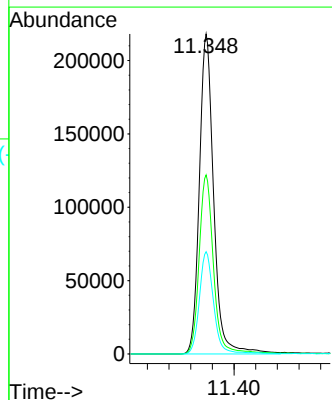
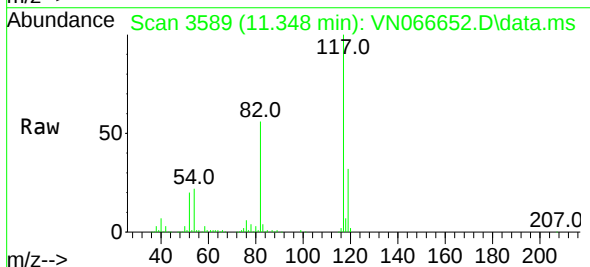
Instrument :
MSVOA_N
ClientSampleId :

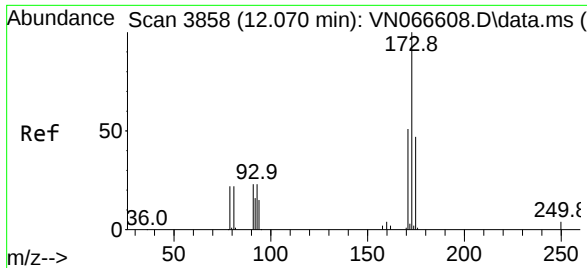
Tgt Ion: 95 Resp: 200534
Ion Ratio Lower Upper
95 100
174 83.0 0.0 169.0
176 79.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Tgt Ion: 117 Resp: 399931
Ion Ratio Lower Upper
117 100
82 56.0 43.7 65.5
119 31.9 26.1 39.1

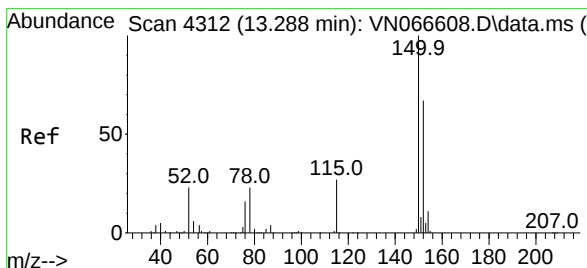
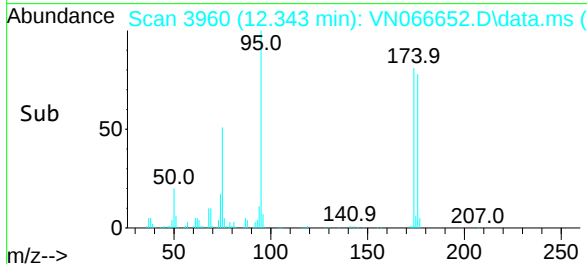
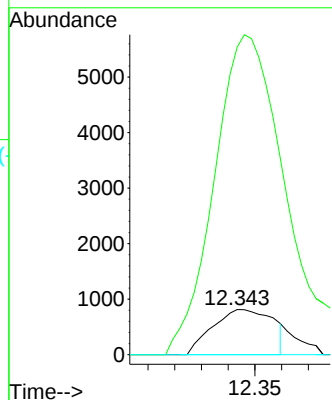
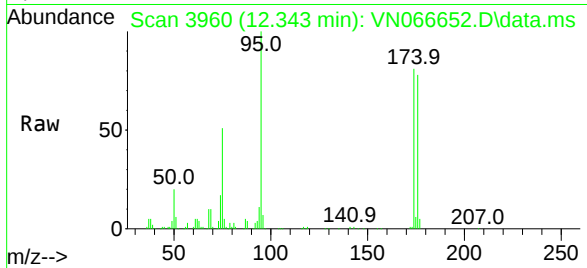




#71
Bromoform
Concen: 0.54 ug/l
RT: 12.343 min Scan# 3960
Delta R.T. 0.273 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

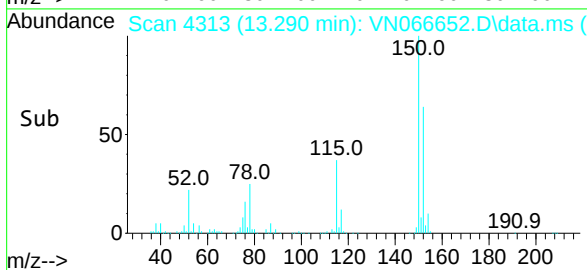
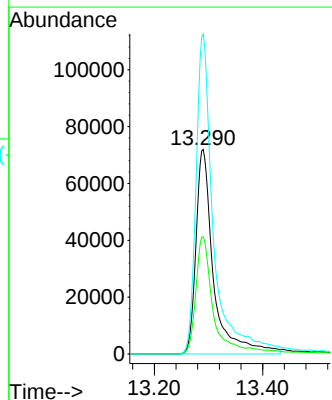
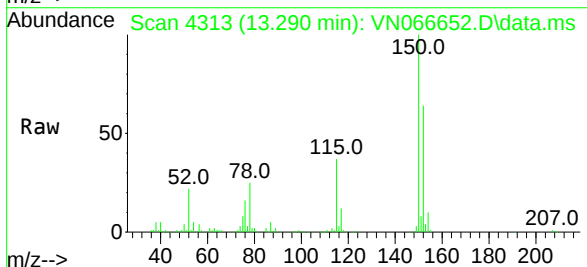
Instrument :
MSVOA_N
ClientSampled :

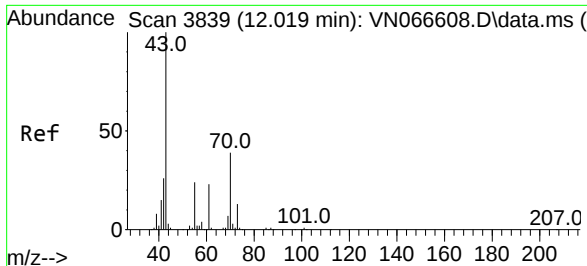
Tgt Ion:173 Resp: 1280
Ion Ratio Lower Upper
173 100
175 685.2 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

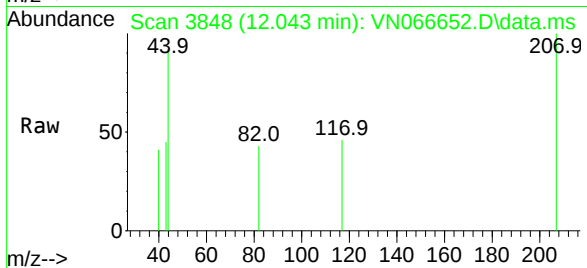
Tgt Ion:152 Resp: 162524
Ion Ratio Lower Upper
152 100
115 54.0 28.5 85.6
150 158.7 0.0 347.6



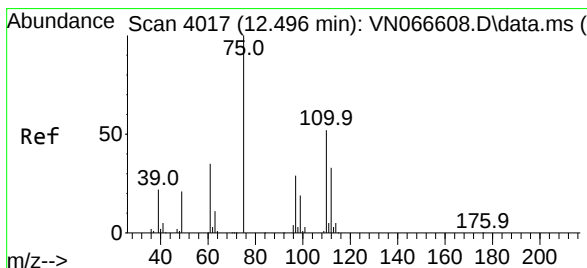
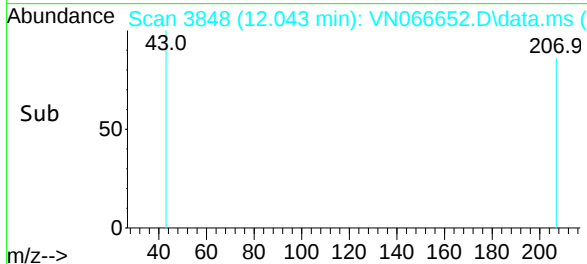
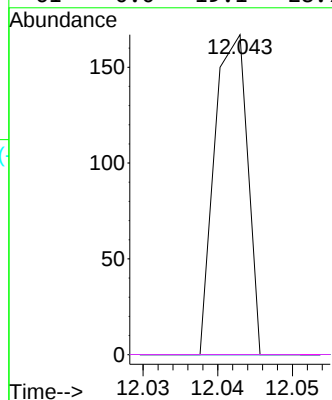


#74
N-amy1 acetate
Concen: 9.73 ug/l
RT: 12.043 min Scan# 3848
Delta R.T. 0.024 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :

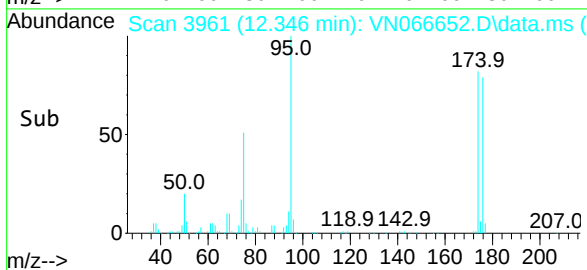
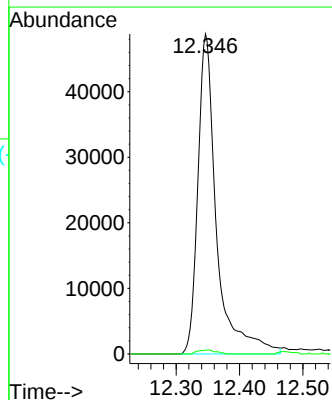
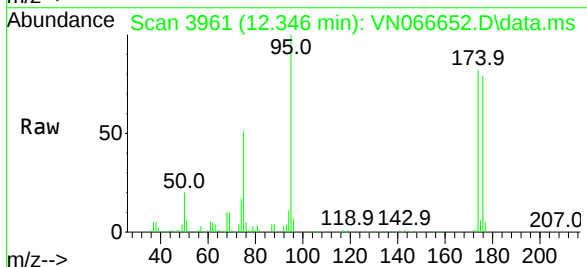


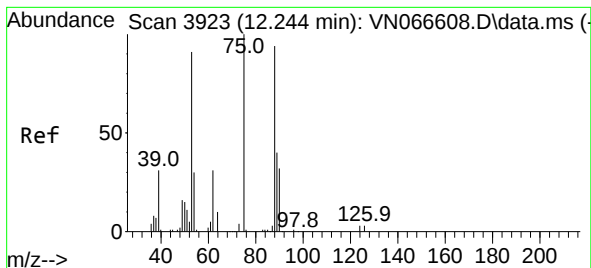
Tgt Ion:	43	Resp:	51
Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.4	51.6#
55	0.0	20.7	31.1#
61	0.0	19.1	28.7#



#76
1,2,3-Trichloropropane
Concen: 26.22 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Tgt Ion:	75	Resp:	99670
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

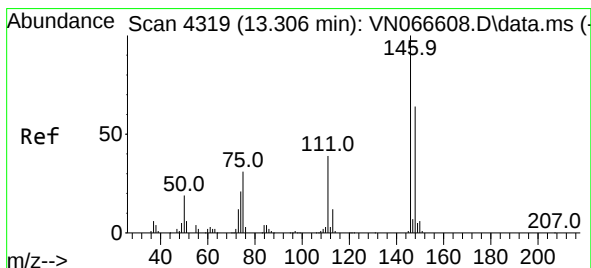
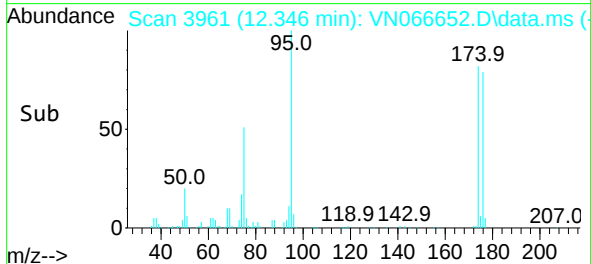
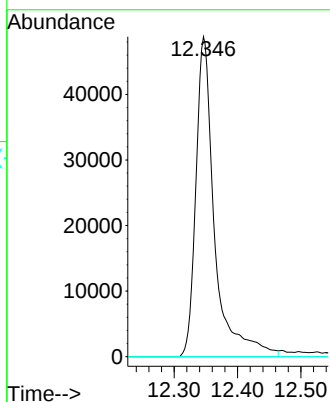
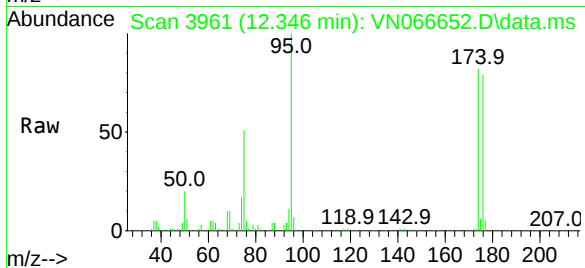




#81
trans-1,4-Dichloro-2-butene
Concen: 80.88 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

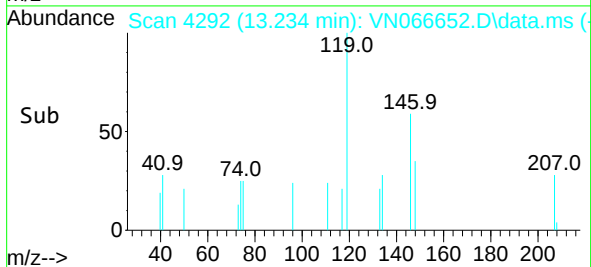
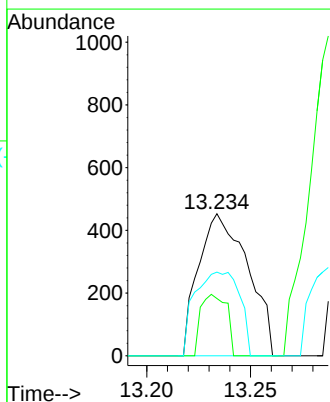
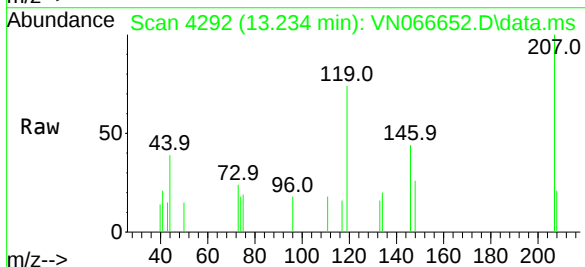
Instrument :
MSVOA_N
ClientSampled :

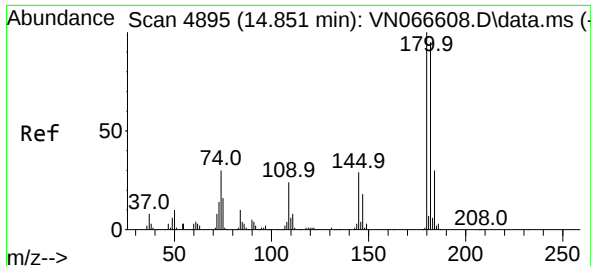
Tgt Ion: 75 Resp: 99670
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.234 min Scan# 4292
Delta R.T. -0.072 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Tgt Ion: 146 Resp: 749
Ion Ratio Lower Upper
146 100
111 22.6 19.0 57.0
148 53.1 31.8 95.3

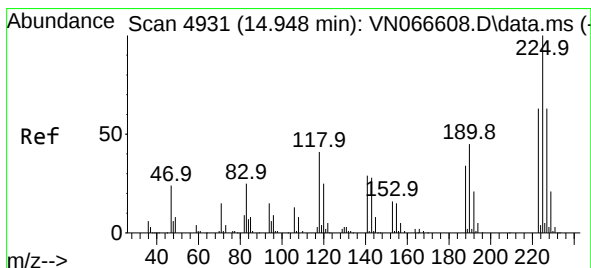
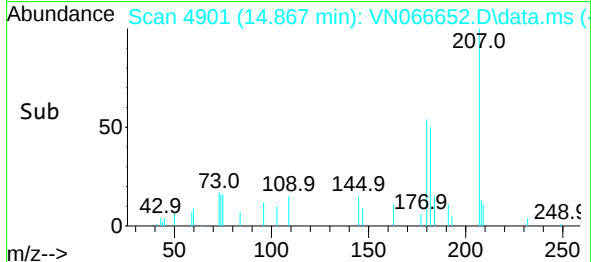
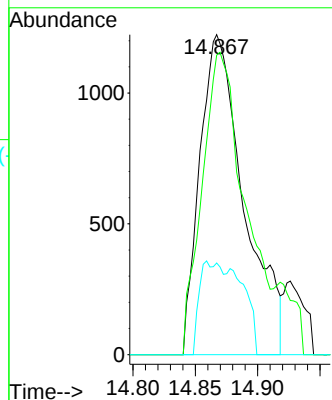
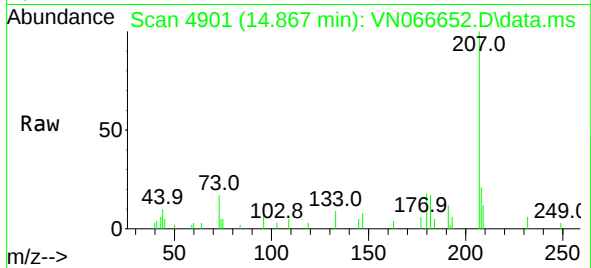




#93
1,2,4-Trichlorobenzene
Concen: 1.00 ug/l
RT: 14.867 min Scan# 4901
Delta R.T. 0.016 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

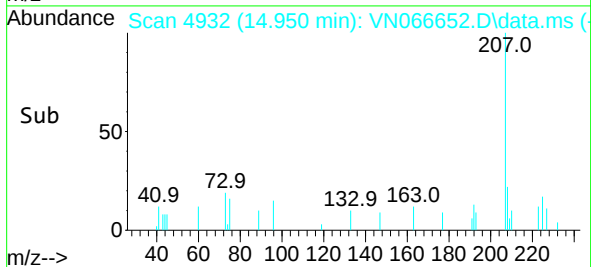
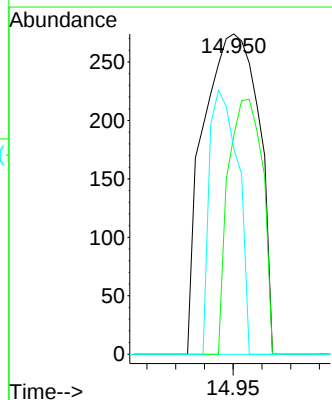
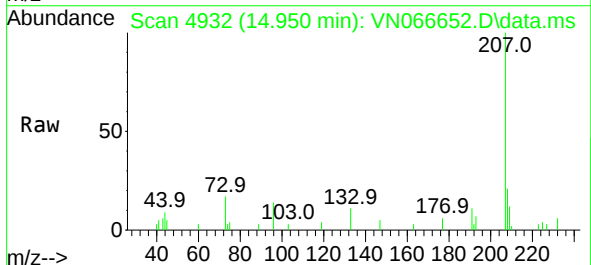
Instrument :
MSVOA_N
ClientSampled :

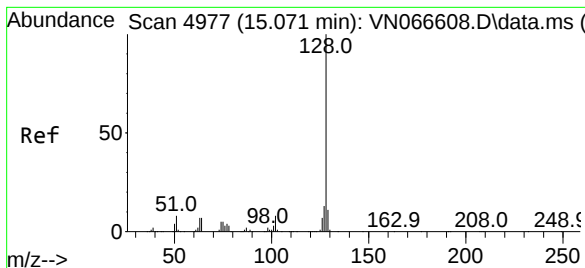
Tgt Ion:180 Resp: 3013
Ion Ratio Lower Upper
180 100
182 91.5 47.3 142.0
145 14.9 15.6 46.8#



#94
Hexachlorobutadiene
Concen: 0.22 ug/l
RT: 14.950 min Scan# 4932
Delta R.T. 0.002 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Tgt Ion:225 Resp: 367
Ion Ratio Lower Upper
225 100
223 48.8 31.9 95.9
227 42.2 31.6 95.0

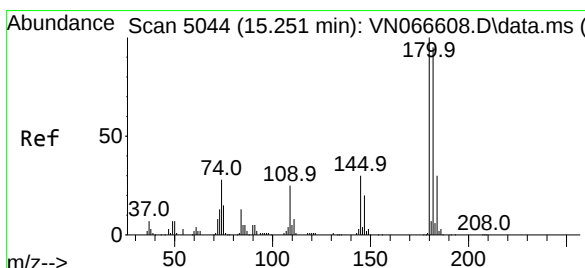
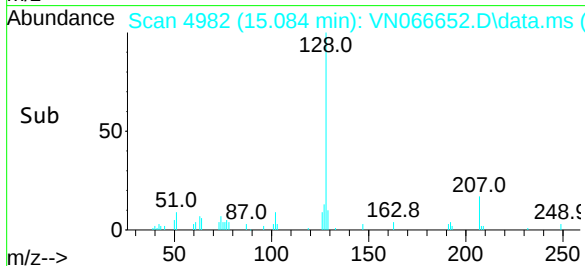
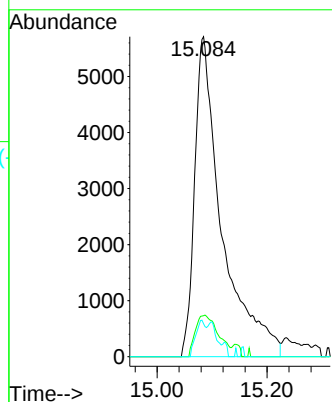
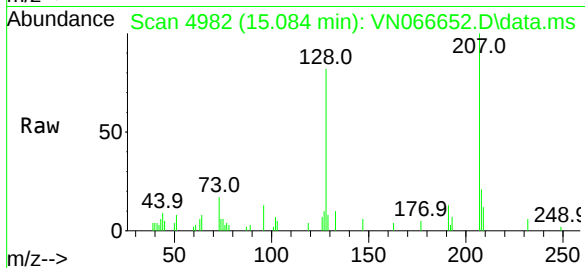




#95
Naphthalene
Concen: 2.35 ug/l
RT: 15.084 min Scan# 4982
Delta R.T. 0.013 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 19528
Ion Ratio Lower Upper
128 100
127 10.9 10.2 15.2
129 4.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.41 ug/l
RT: 15.259 min Scan# 5047
Delta R.T. 0.008 min
Lab File: VN066652.D
Acq: 19 Apr 2021 10:53

Tgt Ion:180 Resp: 4375
Ion Ratio Lower Upper
180 100
182 88.0 47.4 142.3
145 29.7 16.5 49.5

