

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066102.D
 Acq On : 2 Mar 2021 15:59
 Operator : JC/MD
 Sample : VN0302WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

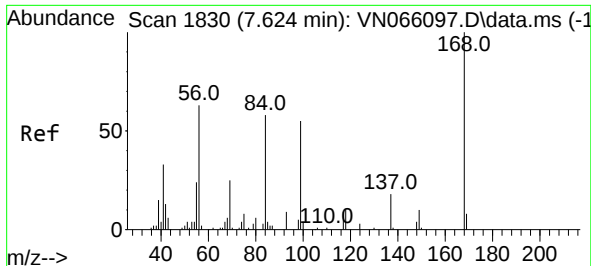
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 03 03:52:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	63809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	117693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	122861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	49765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	46956	48.36	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.72%		
35) Dibromofluoromethane	7.550	113	36491	48.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.92%		
50) Toluene-d8	10.055	98	148532	51.17	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.34%		
62) 4-Bromofluorobenzene	12.373	95	62701	56.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.16%		
Target Compounds					Qvalue	
3) Chloromethane	2.052	50	565	0.78	ug/l #	83
13) Acrolein	3.582	56	638	9.44	ug/l	84
16) Acetone	3.769	43	252	0.87	ug/l #	41
17) Carbon Disulfide	4.026	76	520	0.27	ug/l #	74
20) Methylene Chloride	4.521	84	462	0.60	ug/l #	16
31) Cyclohexane	7.627	56	1125	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	5040	4.56	ug/l #	45
38) Carbon Tetrachloride	7.627	117	6594	5.18	ug/l #	12
51) 4-Methyl-2-Pentanone	10.055	43	529	0.60	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	31813	28.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	31813	85.19	ug/l #	12
89) n-Butylbenzene	13.582	91	630	0.24	ug/l #	44
92) 1,2-Dibromo-3-Chloropr...	14.248	75	63	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.881	180	287	0.34	ug/l #	21
95) Naphthalene	15.100	128	1318	0.48	ug/l #	69

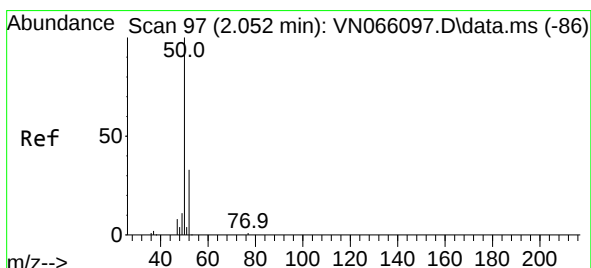
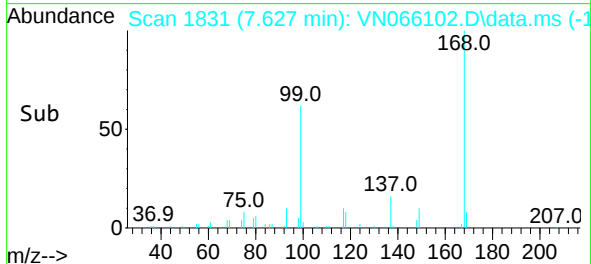
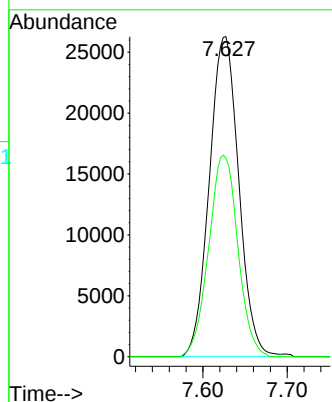
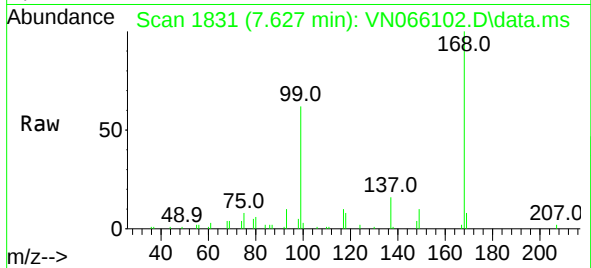
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.003 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

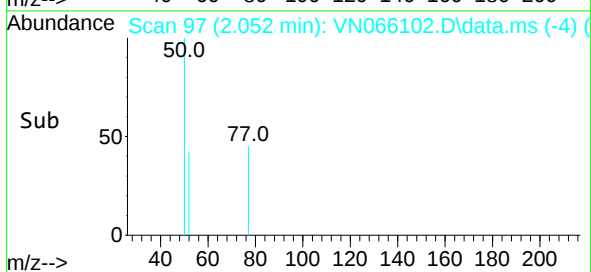
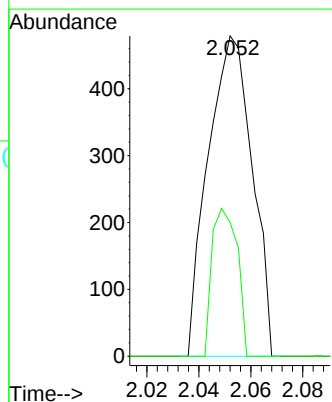
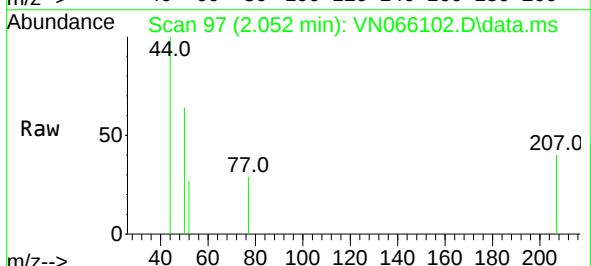
Instrument :
MSVOA_N
ClientSampled :

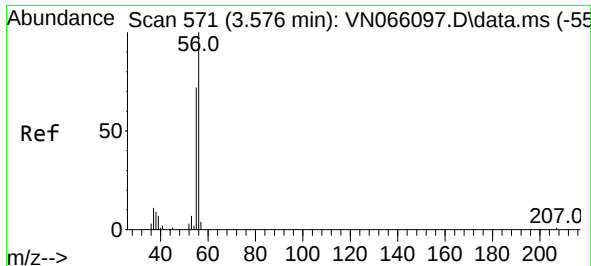
Tgt Ion:168 Resp: 63809
Ion Ratio Lower Upper
168 100
99 62.1 42.6 63.8



#3
Chloromethane
Concen: 0.78 ug/l
RT: 2.052 min Scan# 97
Delta R.T. -0.000 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

Tgt Ion: 50 Resp: 565
Ion Ratio Lower Upper
50 100
52 41.8 25.8 38.8#

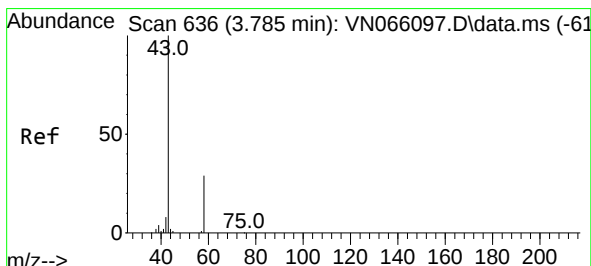
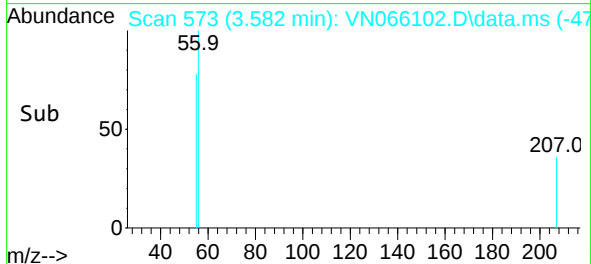
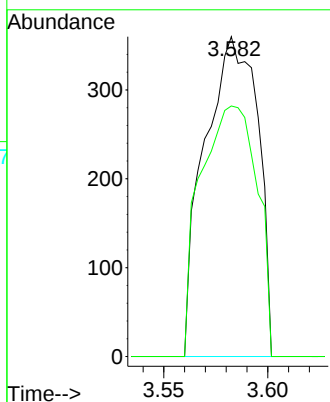
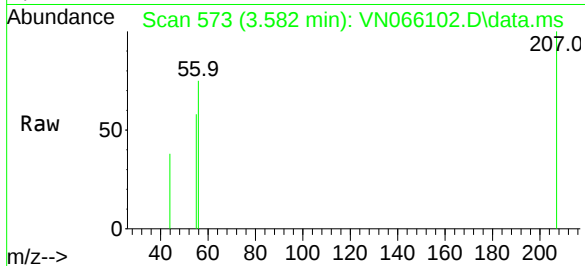




#13
Acrolein
Concen: 9.44 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.006 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

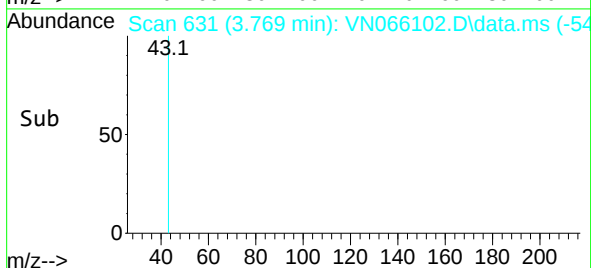
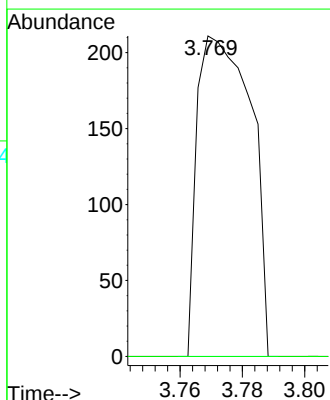
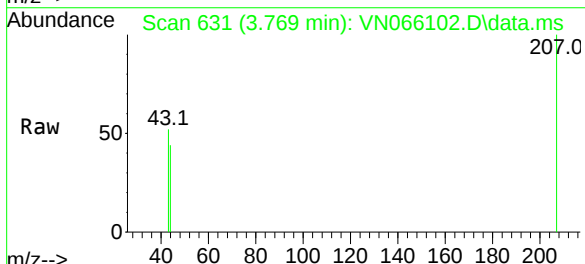
Instrument :
MSVOA_N
ClientSampled :

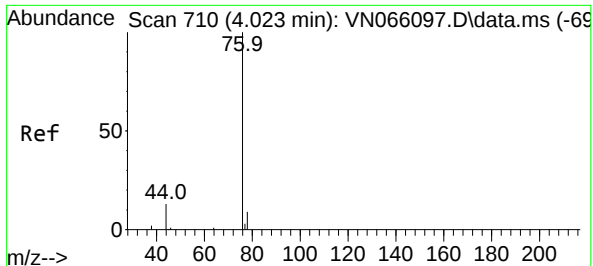
Tgt Ion: 56 Resp: 638
Ion Ratio Lower Upper
56 100
55 83.4 56.0 84.0



#16
Acetone
Concen: 0.87 ug/l
RT: 3.769 min Scan# 631
Delta R.T. -0.016 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

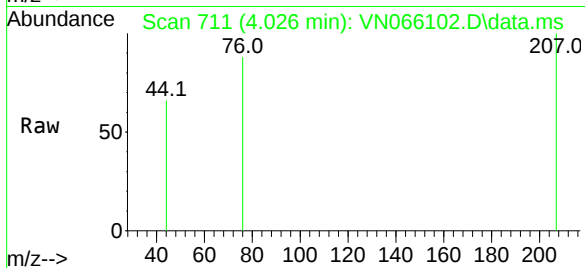
Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



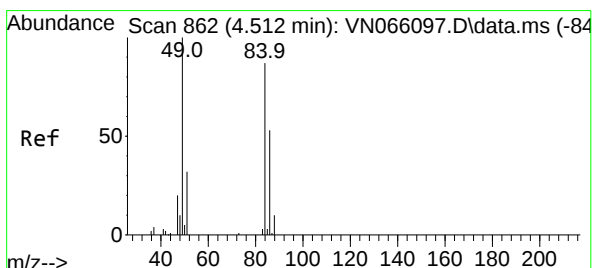
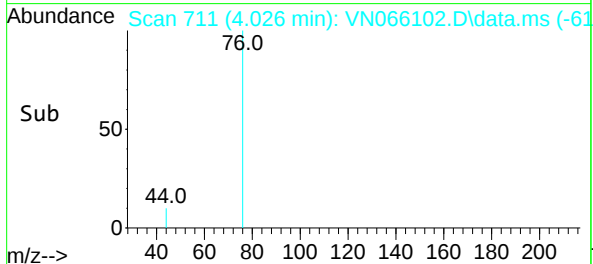
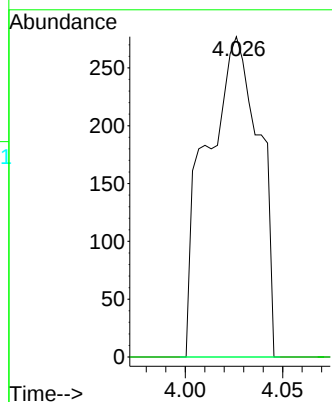


#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 4.026 min Scan# 711
Delta R.T. 0.003 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

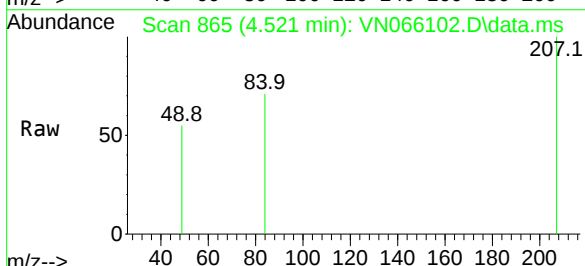
Instrument :
MSVOA_N
ClientSampleId :



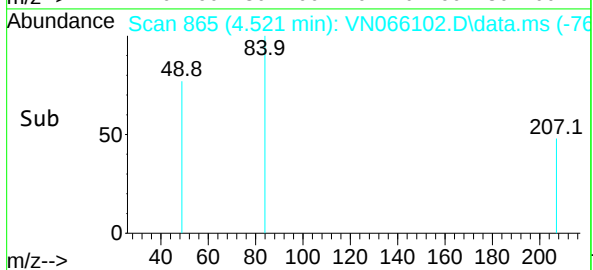
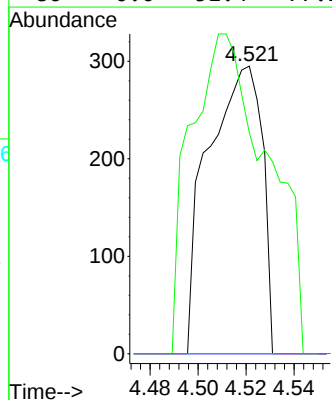
Tgt Ion: 76 Resp: 520
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

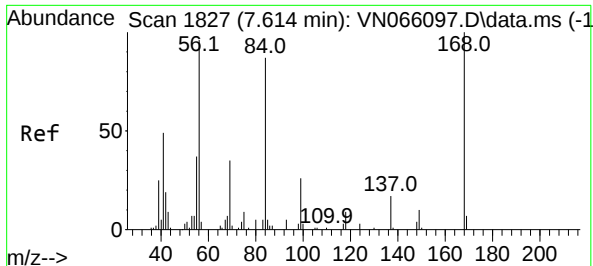


#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 4.521 min Scan# 865
Delta R.T. 0.009 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59



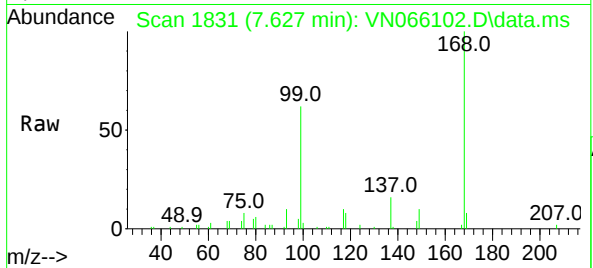
Tgt Ion: 84 Resp: 462
Ion Ratio Lower Upper
84 100
49 17.3 94.6 141.8#
51 0.0 29.9 44.9#
86 0.0 51.4 77.2#



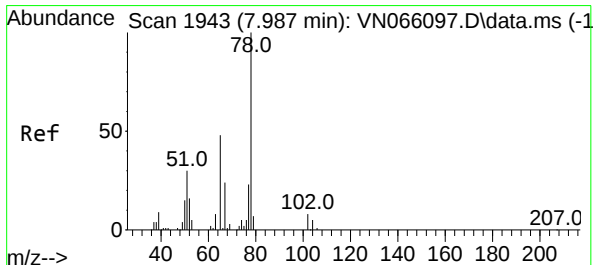
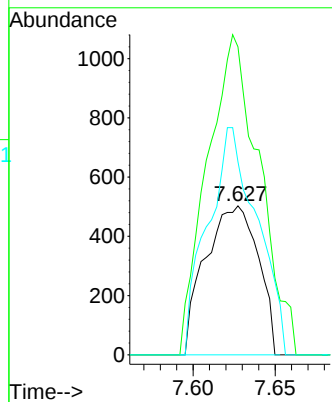
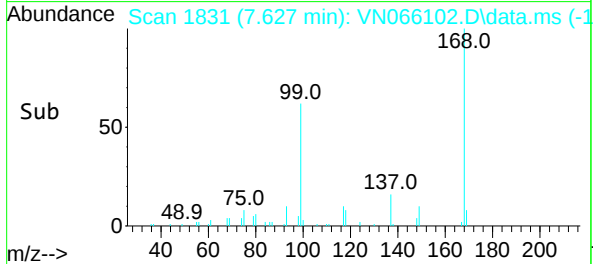


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.013 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

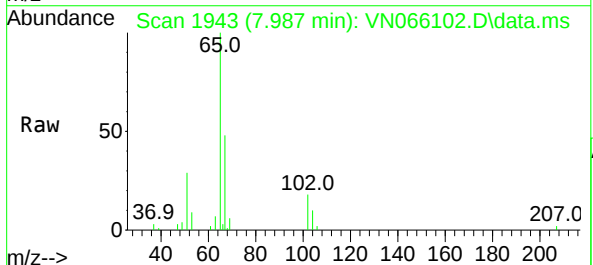
Instrument :
MSVOA_N
ClientSampled :



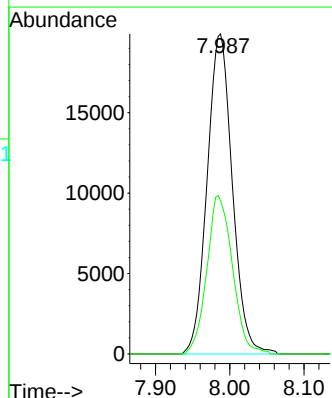
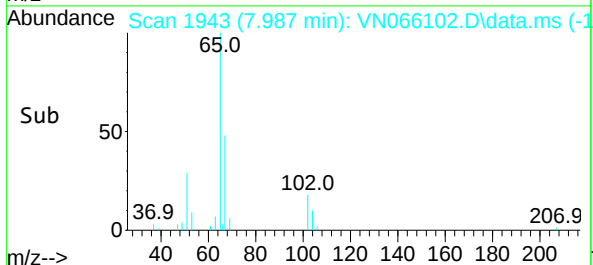
Tgt Ion: 56 Resp: 1125
Ion Ratio Lower Upper
56 100
69 206.8 26.6 39.8#
84 129.6 70.4 105.6#

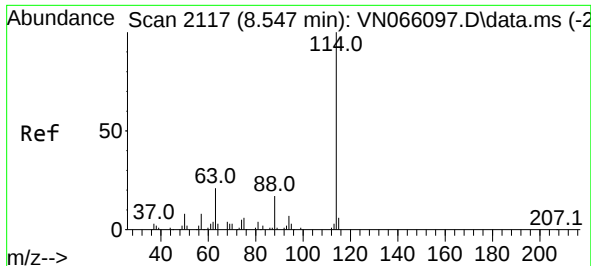


#33
1,2-Dichloroethane-d4
Concen: 48.36 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59



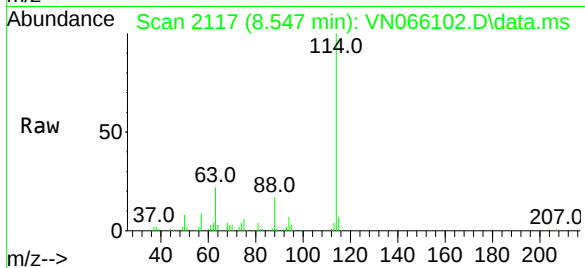
Tgt Ion: 65 Resp: 46956
Ion Ratio Lower Upper
65 100
67 50.3 0.0 107.2



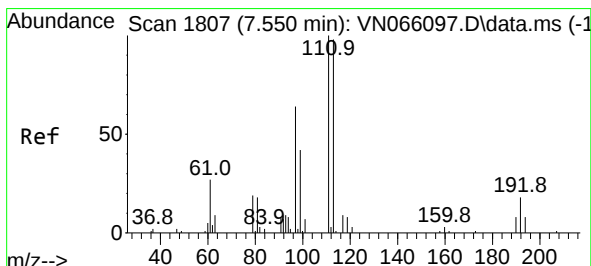
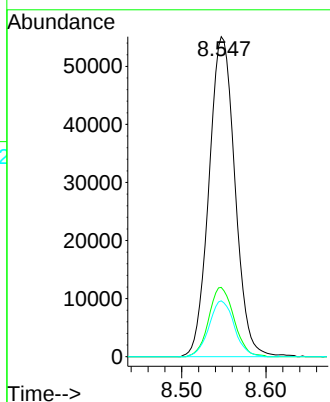
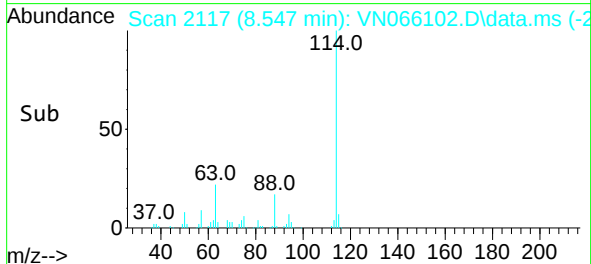


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

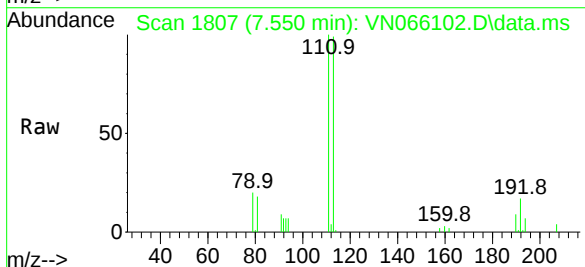
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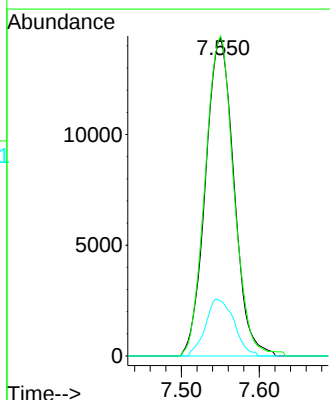
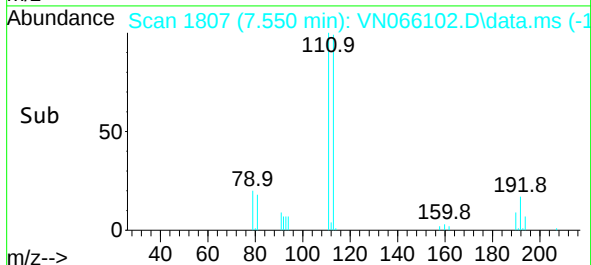
Tgt Ion:114 Resp: 117693
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.6
88 17.4 0.0 30.6

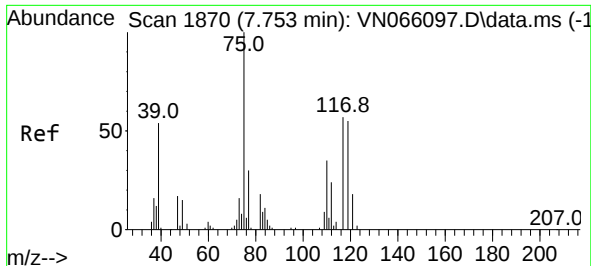


#35
Dibromofluoromethane
Concen: 48.96 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59



Tgt Ion:113 Resp: 36491
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 17.9 15.4 23.0

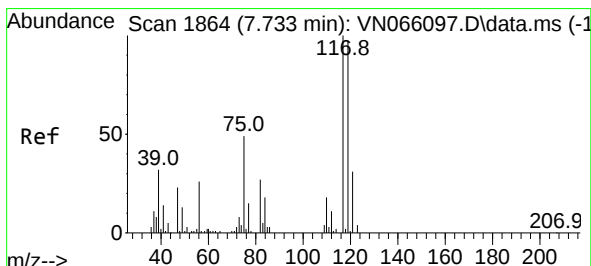
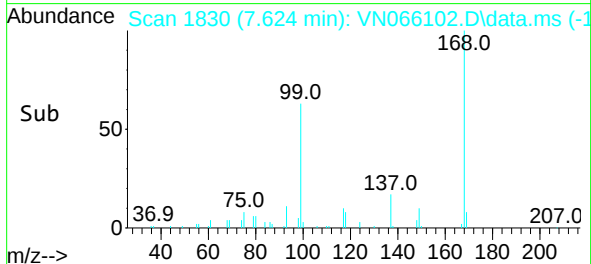
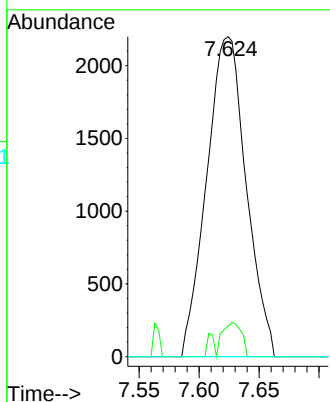
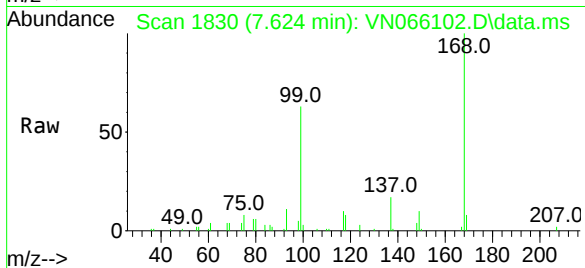




#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

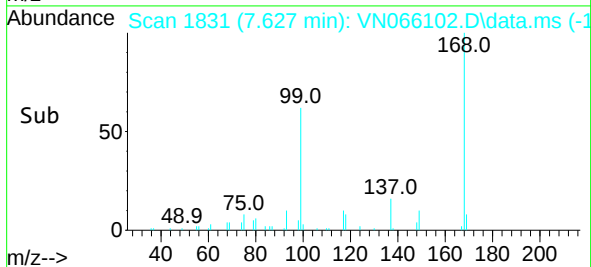
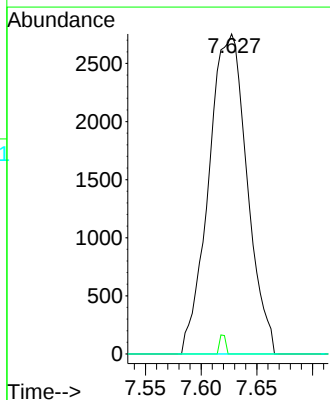
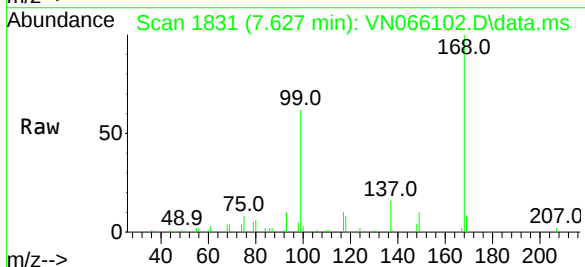
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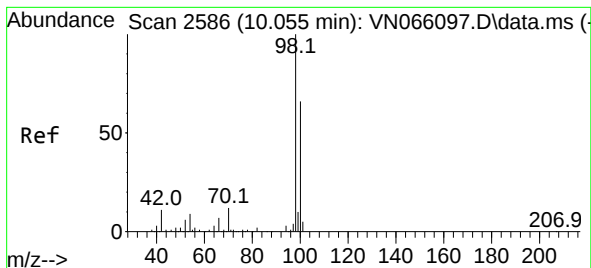
Tgt Ion: 75 Resp: 5040
Ion Ratio Lower Upper
75 100
110 5.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

Tgt Ion: 117 Resp: 6594
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.5 36.7#

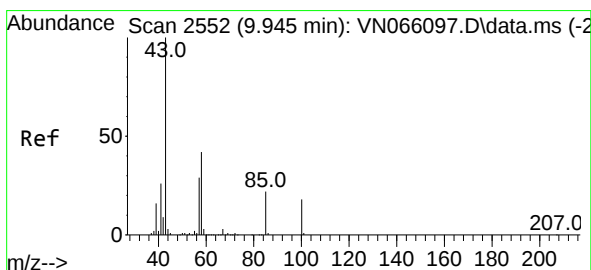
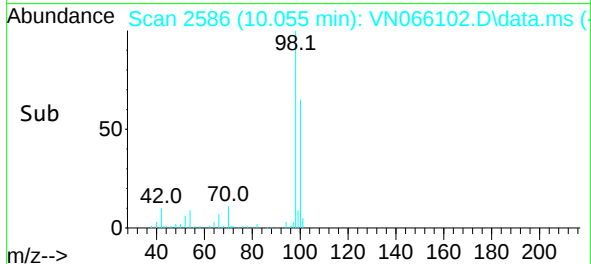
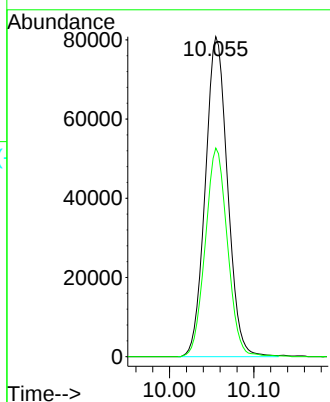
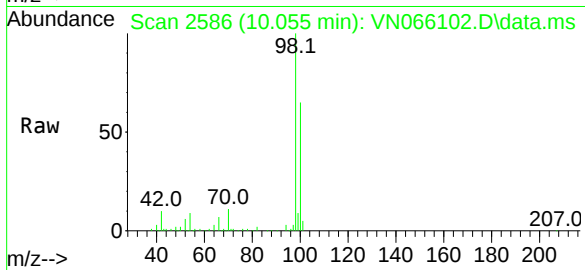




#50
Toluene-d8
Concen: 51.17 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.000 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

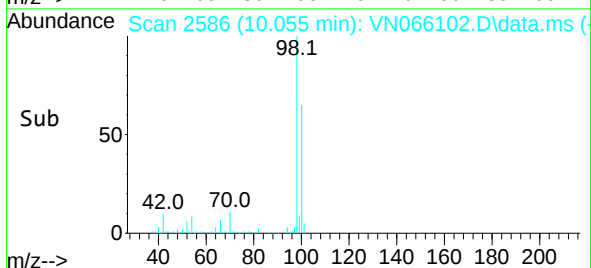
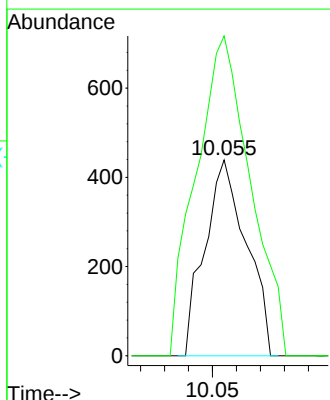
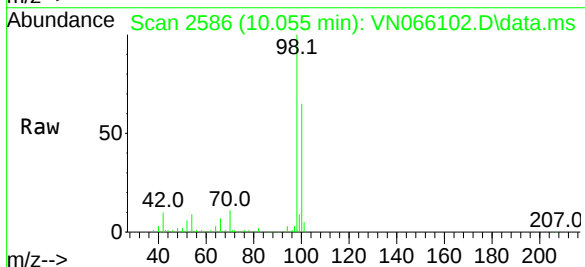
Instrument :
MSVOA_N
ClientSampled :

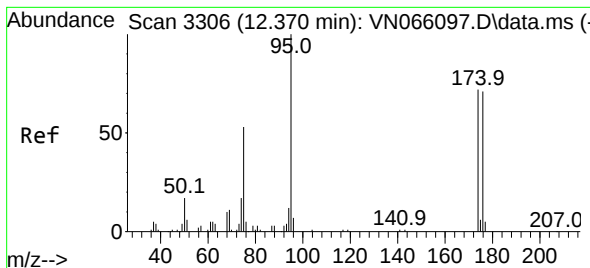
Tgt Ion: 98 Resp: 148532
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.110 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
58 213.4 32.5 48.7#

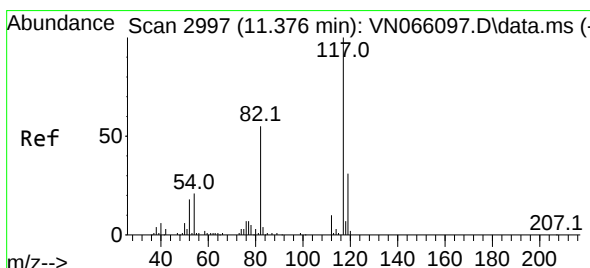
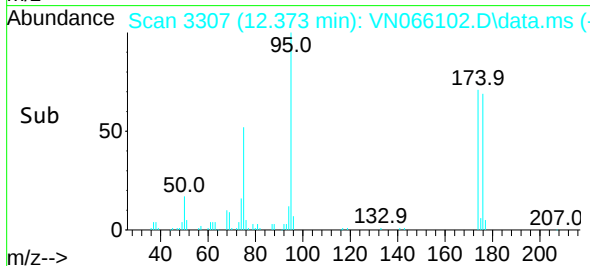
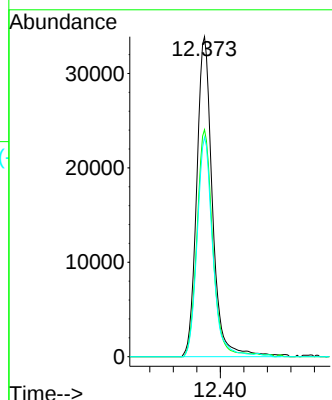
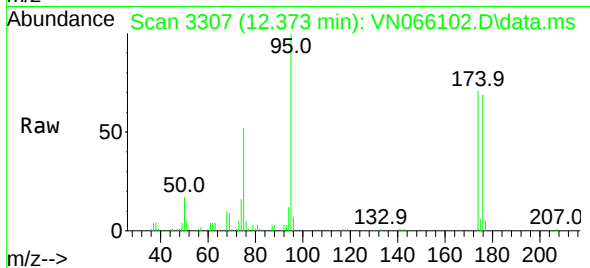




#62
4-Bromofluorobenzene
Concen: 56.08 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

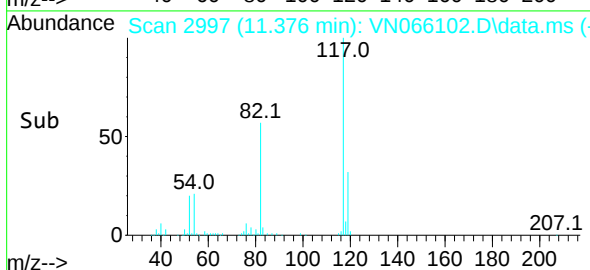
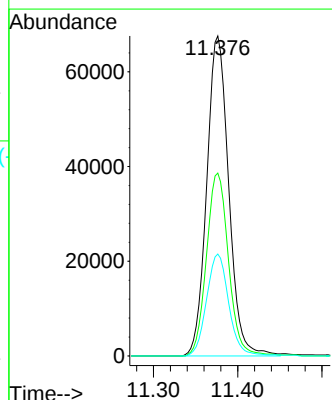
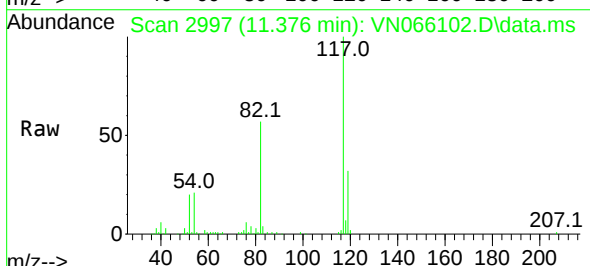
Instrument :
MSVOA_N
ClientSampleId :

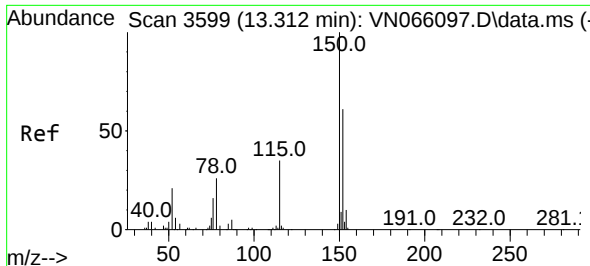
Tgt Ion: 95 Resp: 62701
Ion Ratio Lower Upper
95 100
174 71.0 0.0 169.0
176 67.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

Tgt Ion: 117 Resp: 122861
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 31.9 26.1 39.1

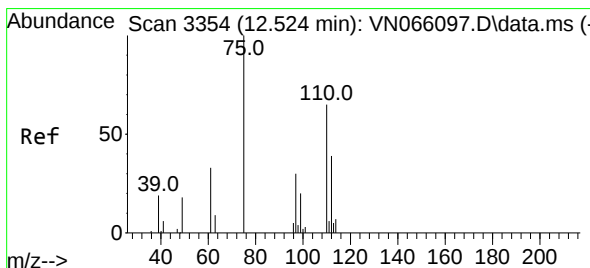
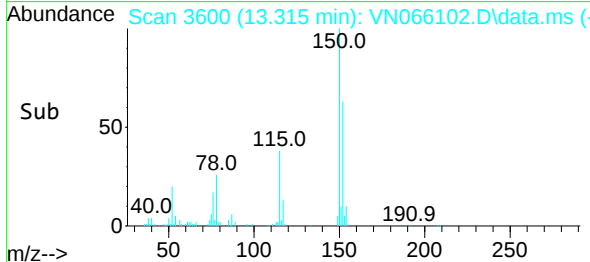
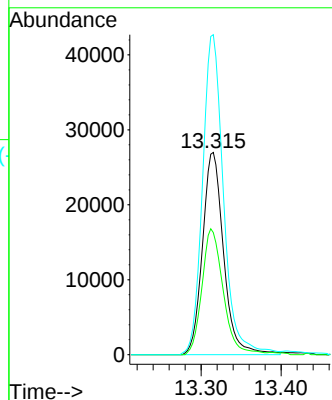
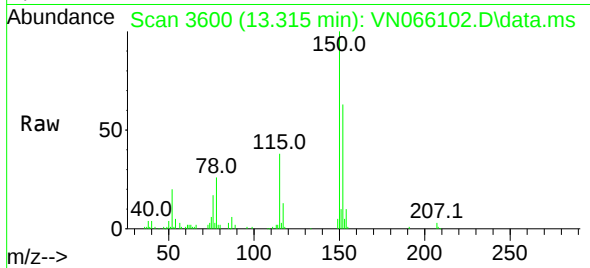




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066102.D
 Acq: 2 Mar 2021 15:59

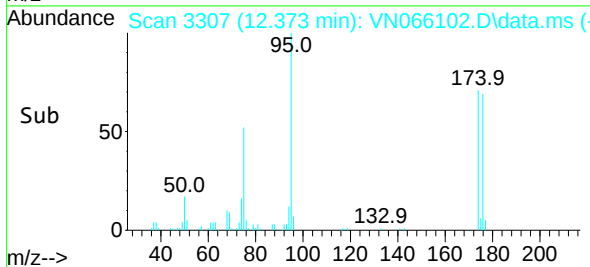
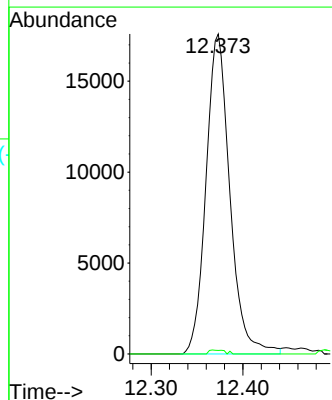
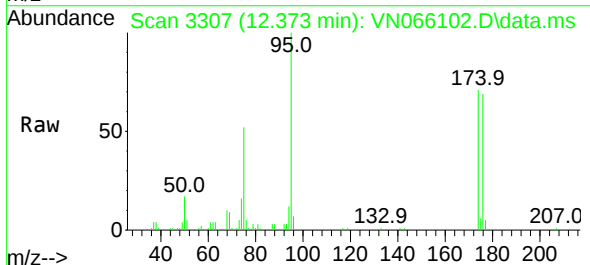
Instrument :
 MSVOA_N
 ClientSampleId :

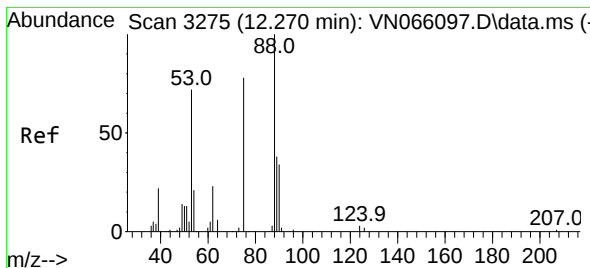
Tgt Ion:152 Resp: 49765
 Ion Ratio Lower Upper
 152 100
 115 62.2 28.5 85.6
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 28.95 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066102.D
 Acq: 2 Mar 2021 15:59

Tgt Ion: 75 Resp: 31813
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#

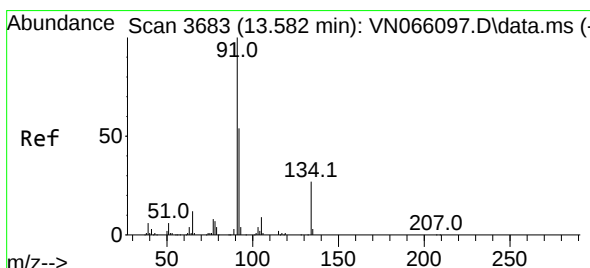
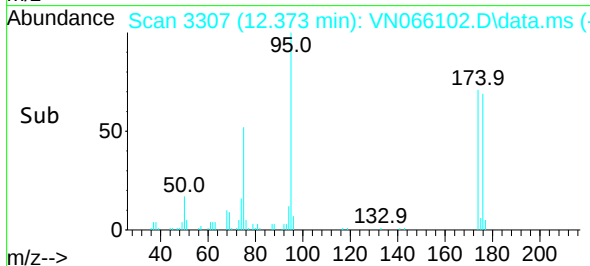
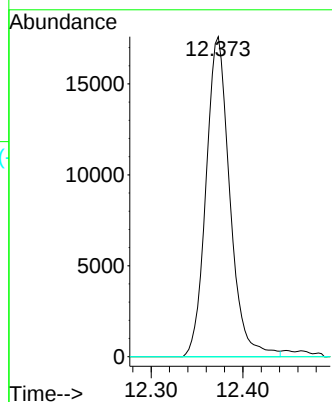
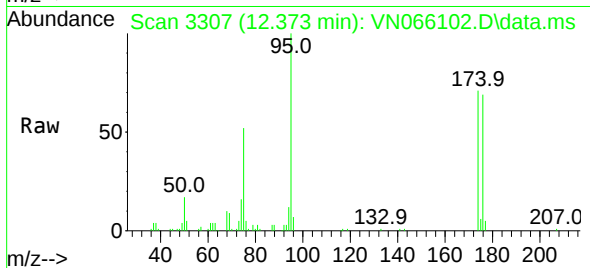




#81
trans-1,4-Dichloro-2-butene
Concen: 85.19 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

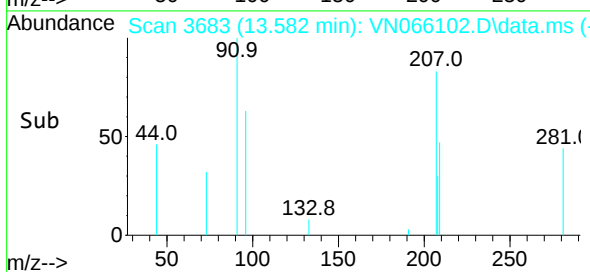
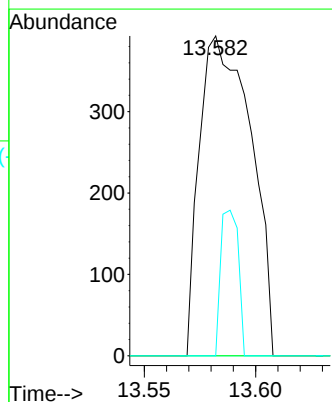
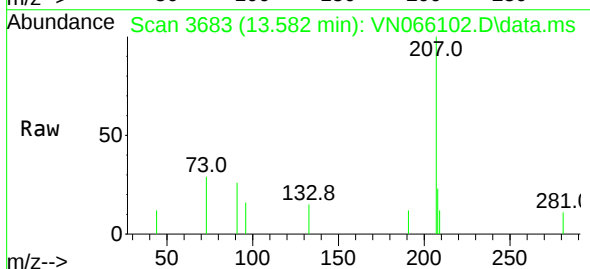
Instrument :
MSVOA_N
ClientSampled :

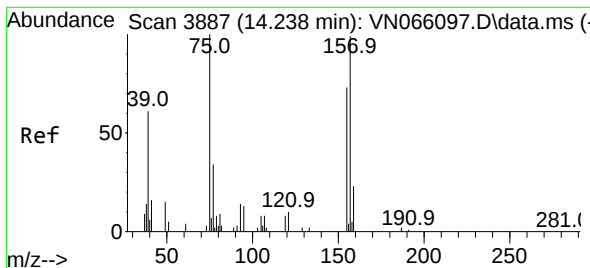
Tgt Ion: 75 Resp: 31813
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 13.582 min Scan# 3683
Delta R.T. 0.000 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

Tgt Ion: 91 Resp: 630
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 15.6 13.0 38.9

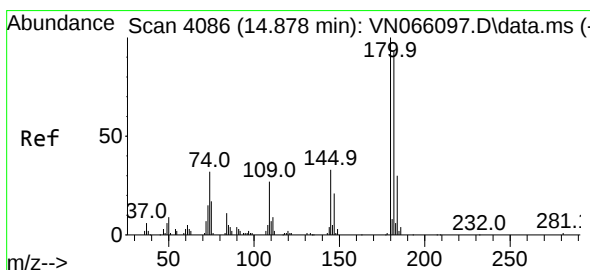
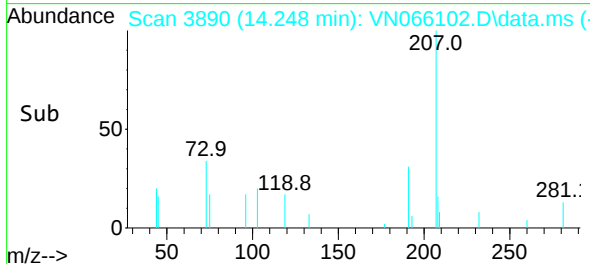
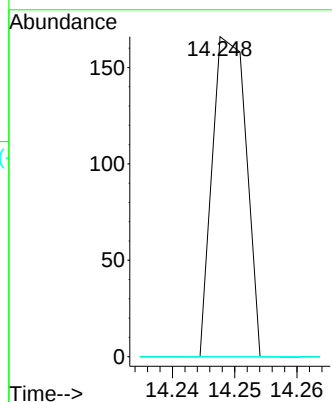
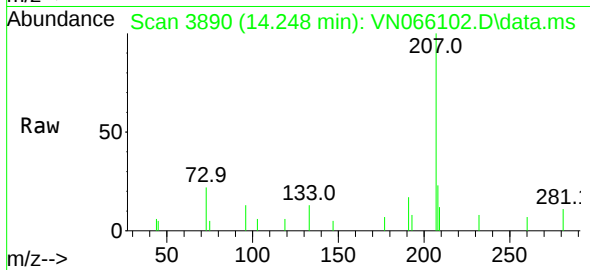




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.248 min Scan# 3890
Delta R.T. 0.010 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

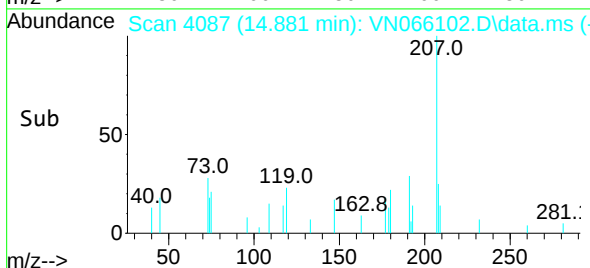
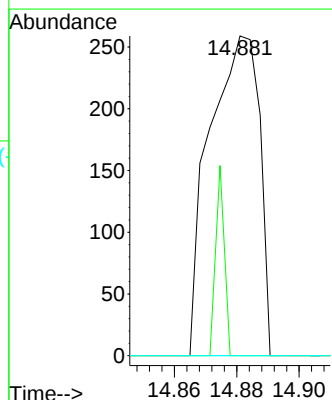
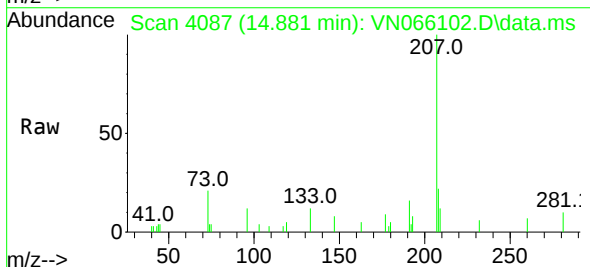
Instrument :
MSVOA_N
ClientSampled :

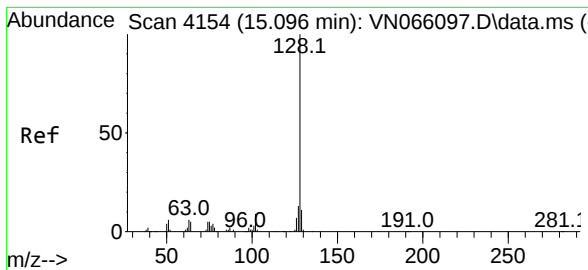
Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.34 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.003 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

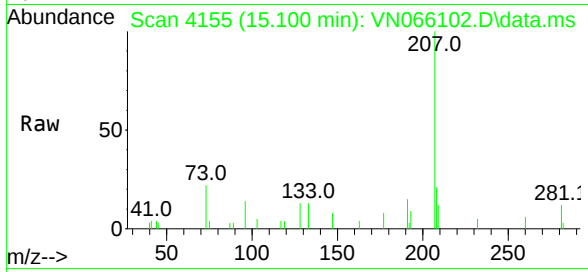
Tgt Ion: 180 Resp: 287
Ion Ratio Lower Upper
180 100
182 10.5 47.3 142.0#
145 0.0 15.6 46.8#





#95
Naphthalene
Concen: 0.48 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN066102.D
Acq: 2 Mar 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1318
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

