

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066115.D
 Acq On : 3 Mar 2021 11:01
 Operator : JC/MD
 Sample : VN0303MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303MBL01

Quant Time: Mar 04 02:11:53 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)

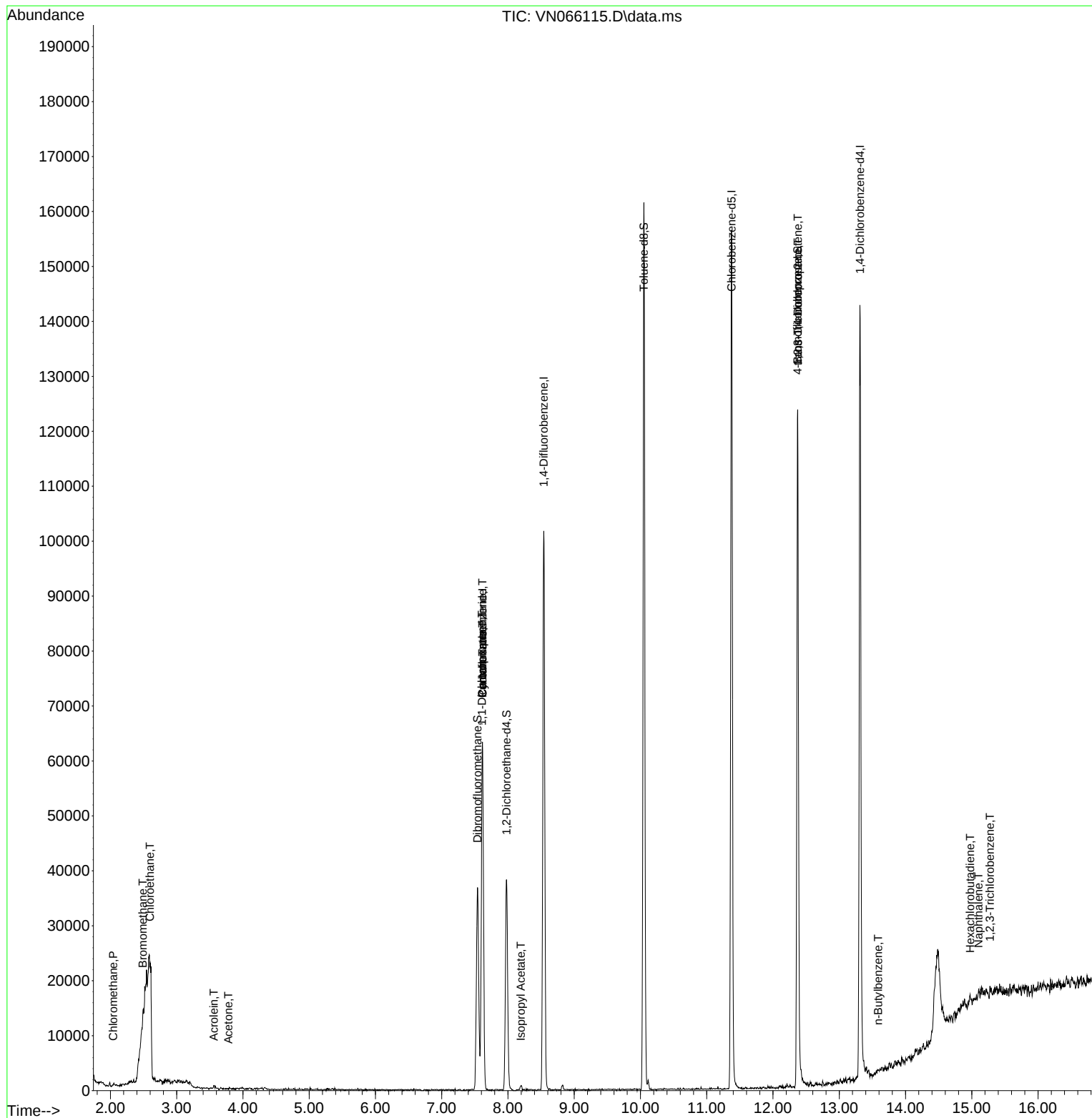
Internal Standards						
1) Pentafluorobenzene	7.614	168	50843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.540	114	92283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.373	117	95431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	41273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.978	65	36891	47.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.36%		
35) Dibromofluoromethane	7.540	113	28606	48.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.90%		
50) Toluene-d8	10.052	98	115204	50.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.22%		
62) 4-Bromofluorobenzene	12.370	95	48164	54.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.88%		
Target Compounds					Qvalue	
3) Chloromethane	2.042	50	447	0.77	ug/l #	42
5) Bromomethane	2.489	94	168	0.34	ug/l	91
6) Chloroethane	2.595	64	127	0.33	ug/l #	43
13) Acrolein	3.560	56	163	5.45	ug/l #	35
16) Acetone	3.779	43	63	0.27	ug/l #	41
31) Cyclohexane	7.614	56	1070	1.16	ug/l #	14
36) 1,1-Dichloropropene	7.608	75	3923	4.52	ug/l #	45
38) Carbon Tetrachloride	7.614	117	5138	5.15	ug/l #	12
43) Isopropyl Acetate	8.196	43	448	0.35	ug/l #	53
76) 1,2,3-Trichloropropane	12.373	75	26491	29.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	26491	85.53	ug/l #	12
89) n-Butylbenzene	13.585	91	531	0.24	ug/l #	51
92) 1,2-Dibromo-3-Chloropr...	14.257	75	122	Below Cal	#	1
94) Hexachlorobutadiene	14.977	225	205	0.60	ug/l #	54
95) Naphthalene	15.100	128	1501	0.65	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.273	180	252	0.33	ug/l #	78

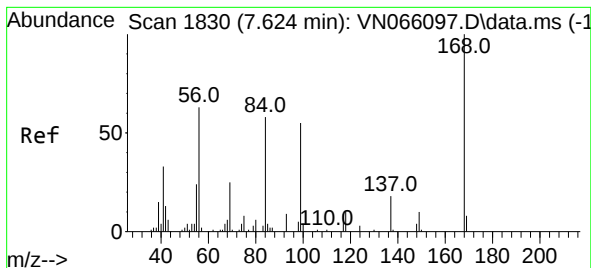
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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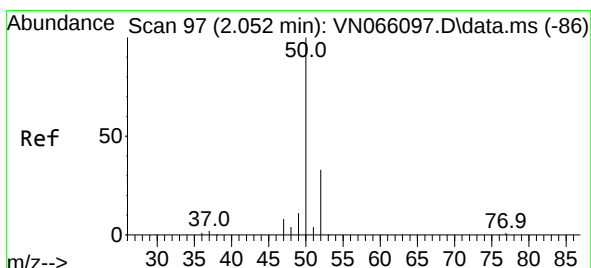
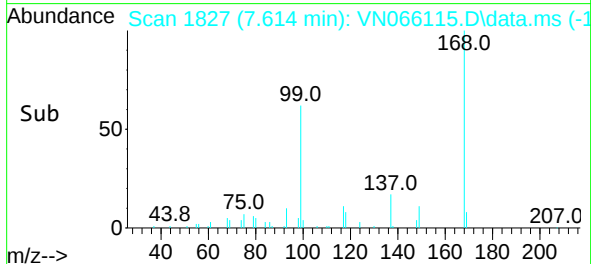
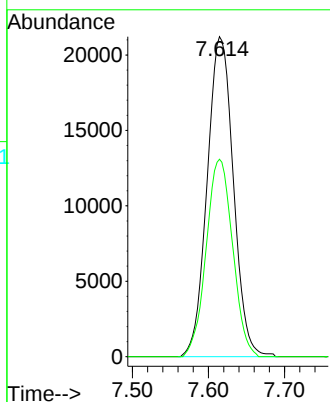
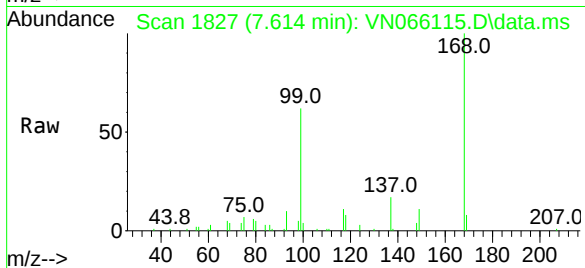




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. -0.010 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

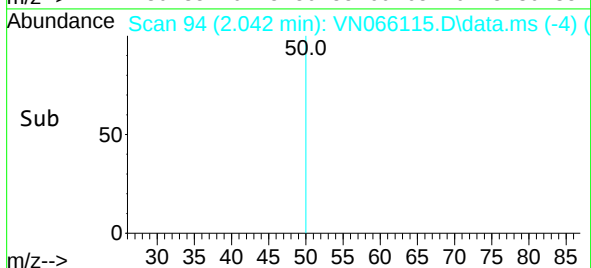
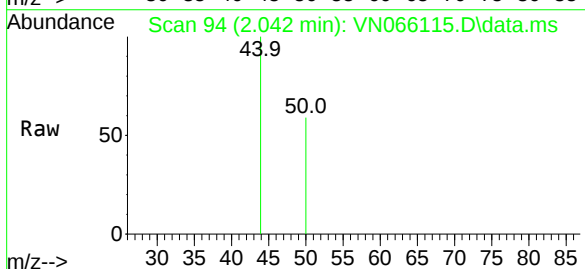
Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01

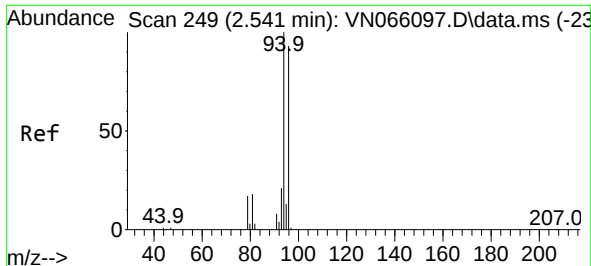
Tgt Ion:168 Resp: 50843
Ion Ratio Lower Upper
168 100
99 61.7 42.6 63.8



#3
Chloromethane
Concen: 0.77 ug/l
RT: 2.042 min Scan# 94
Delta R.T. -0.010 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

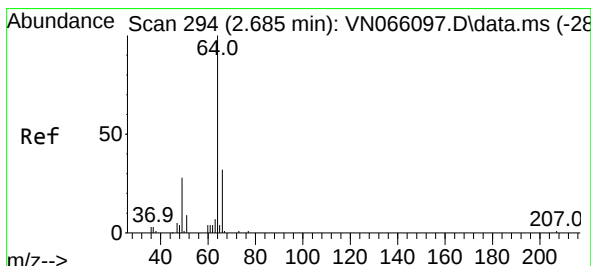
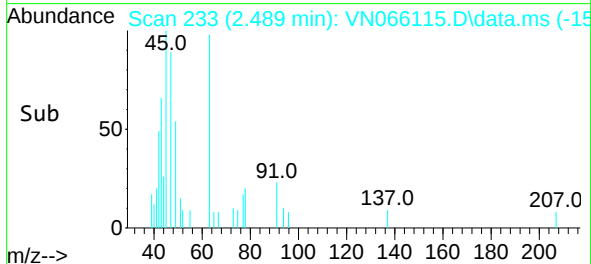
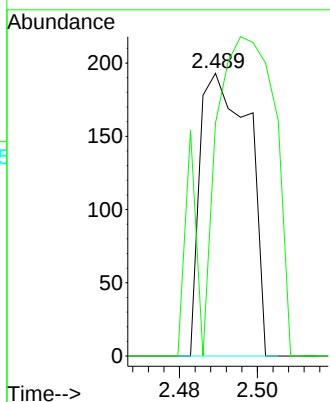
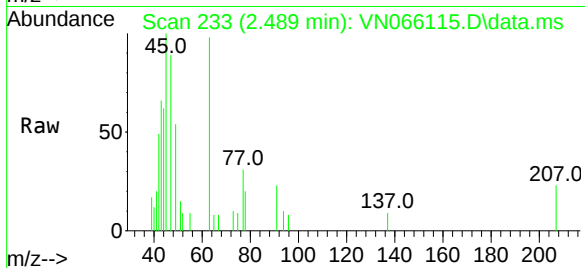




#5
Bromomethane
Concen: 0.34 ug/l
RT: 2.489 min Scan# 233
Delta R.T. -0.052 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

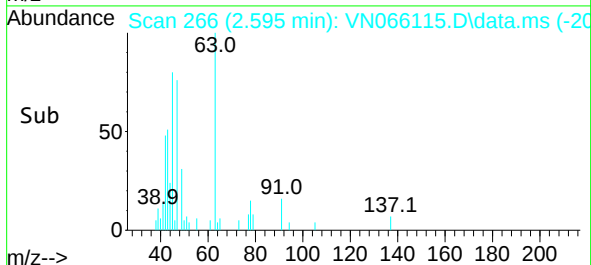
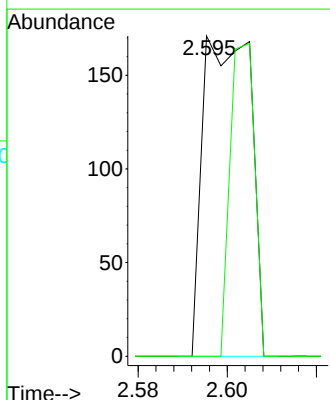
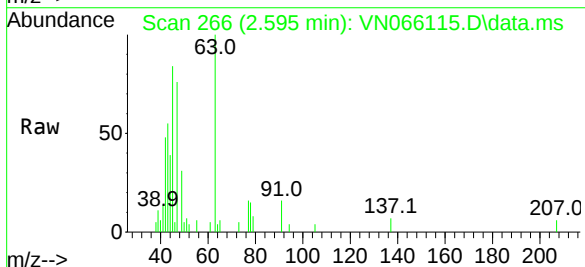
Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01

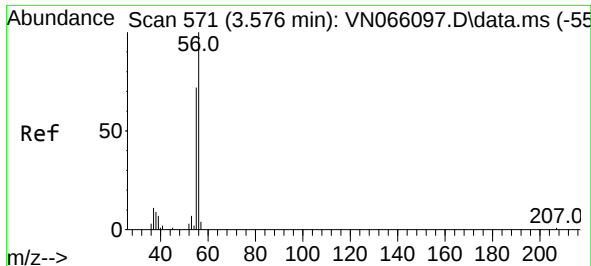
Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 82.4 73.0 109.4



#6
Chloroethane
Concen: 0.33 ug/l
RT: 2.595 min Scan# 266
Delta R.T. -0.090 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

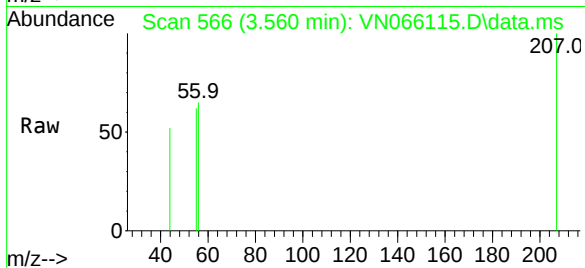
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



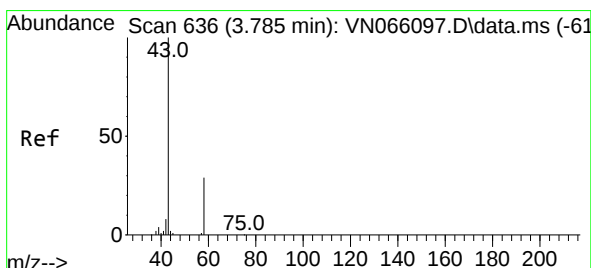
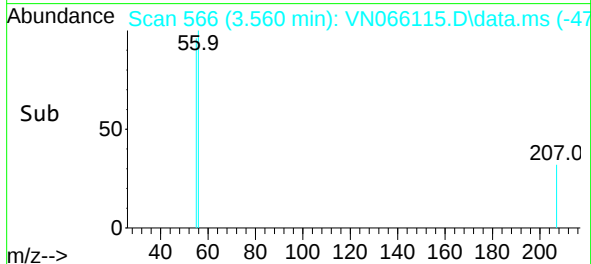
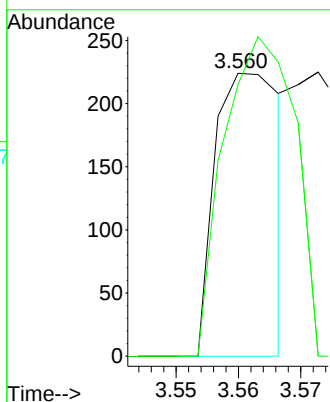


#13
Acrolein
Concen: 5.45 ug/l
RT: 3.560 min Scan# 566
Delta R.T. -0.016 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Instrument :
MSVOA_N
ClientSampled :
VN0303MBL01

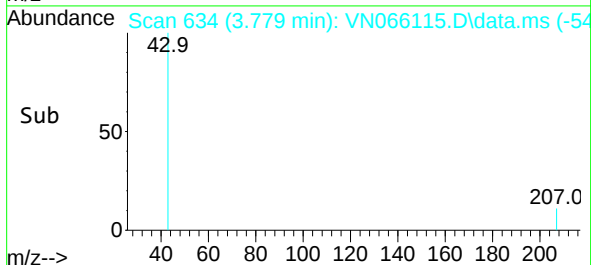
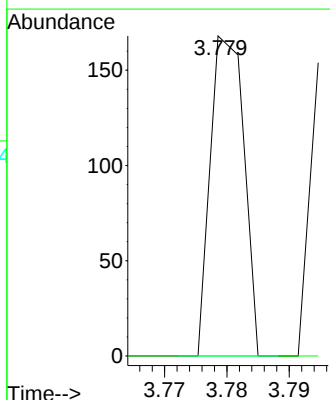
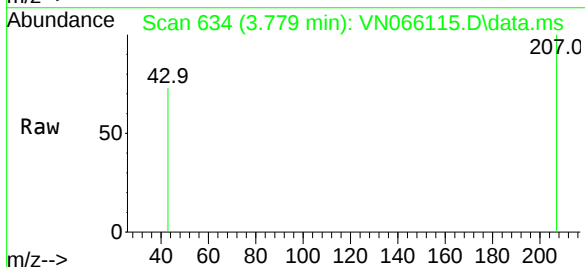


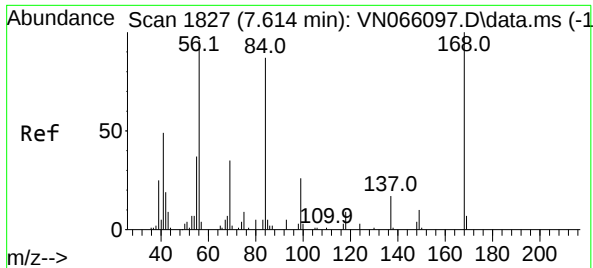
Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 123.3 56.0 84.0#



#16
Acetone
Concen: 0.27 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.006 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

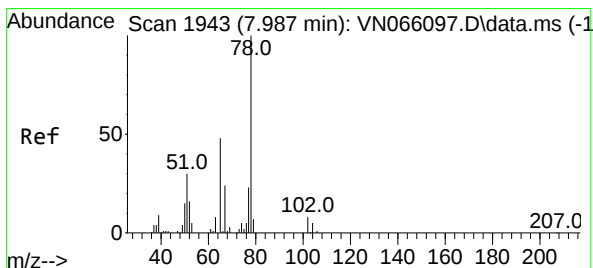
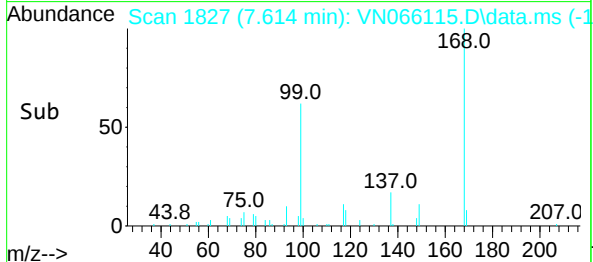
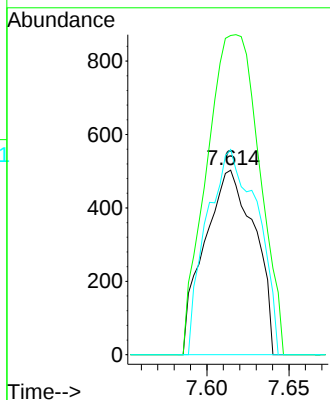
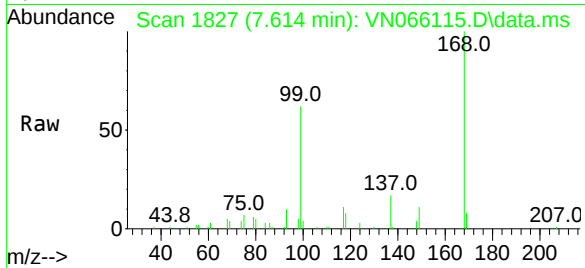




#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

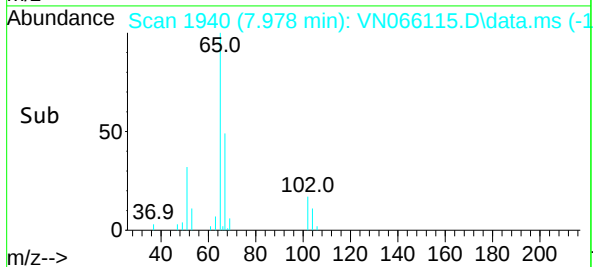
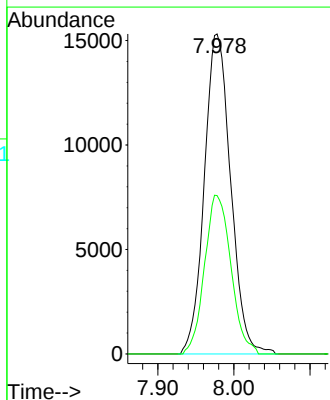
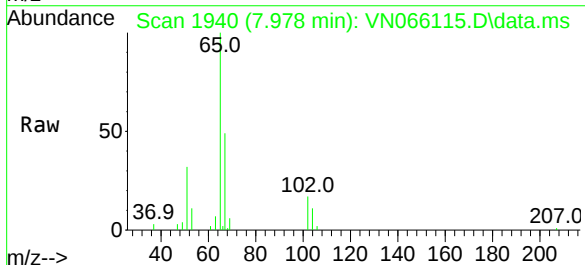
Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01

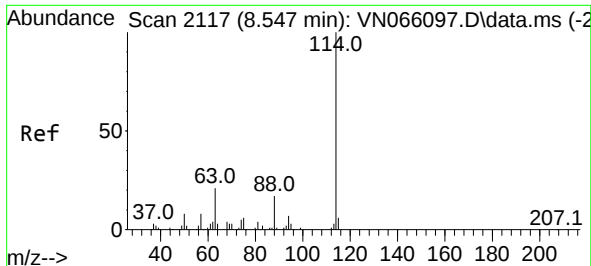
Tgt Ion: 56 Resp: 1070
Ion Ratio Lower Upper
56 100
69 173.0 26.6 39.8#
84 111.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.68 ug/l
RT: 7.978 min Scan# 1940
Delta R.T. -0.009 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Tgt Ion: 65 Resp: 36891
Ion Ratio Lower Upper
65 100
67 49.7 0.0 107.2

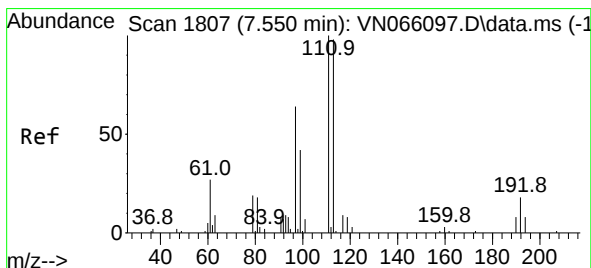
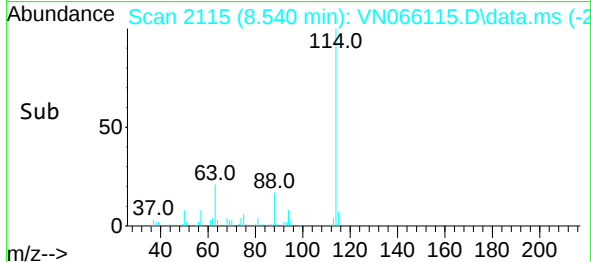
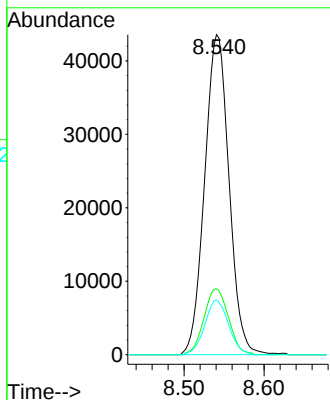
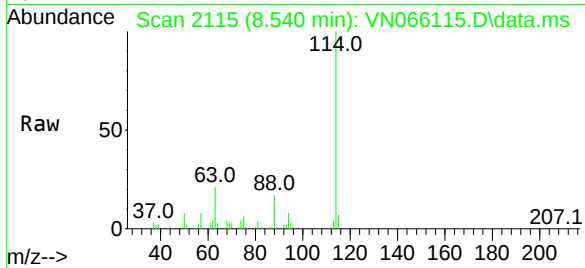




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.540 min Scan# 2115
Delta R.T. -0.007 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

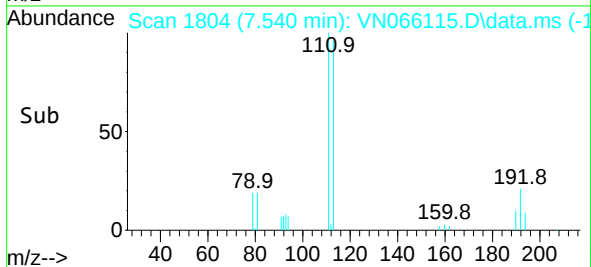
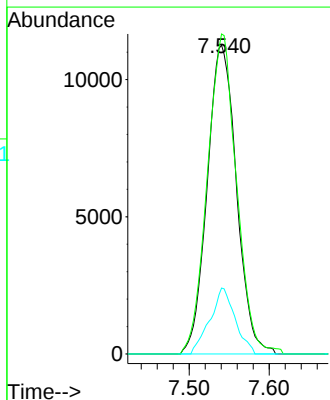
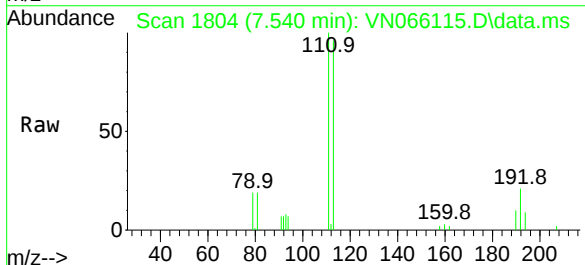
Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01

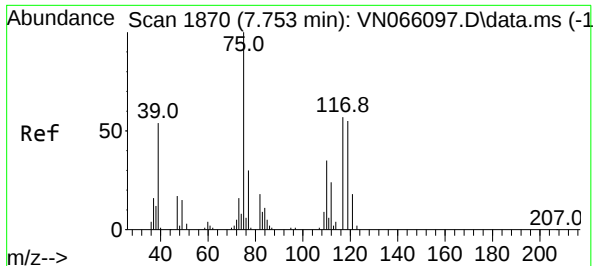
Tgt Ion:114	Resp:	92283
Ion	Ratio	Lower Upper
114	100	
63	20.6	0.0 38.6
88	17.1	0.0 30.6



#35
Dibromofluoromethane
Concen: 48.95 ug/l
RT: 7.540 min Scan# 1804
Delta R.T. -0.010 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

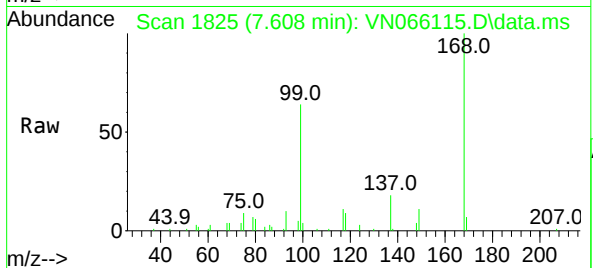
Tgt Ion:113	Resp:	28606
Ion	Ratio	Lower Upper
113	100	
111	103.4	82.2 123.2
192	18.3	15.4 23.0



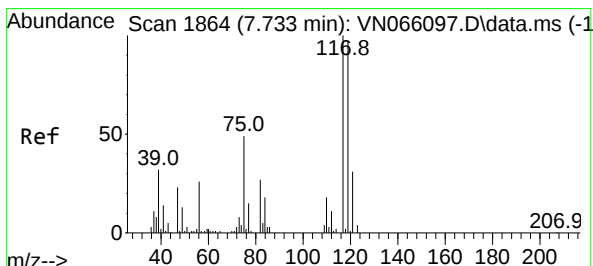
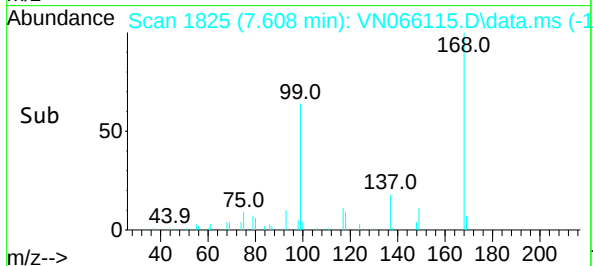
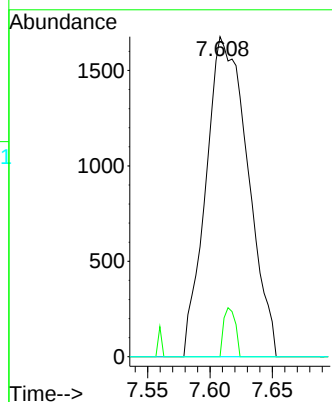


#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.608 min Scan# 1825
Delta R.T. -0.145 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

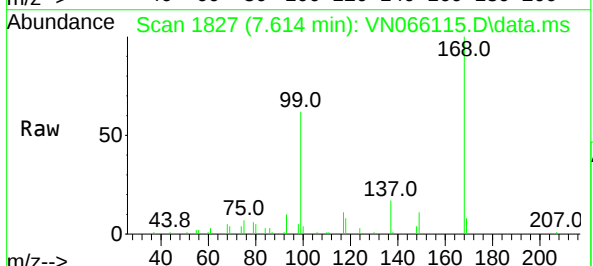
Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01



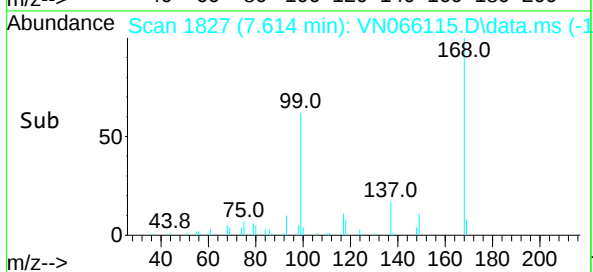
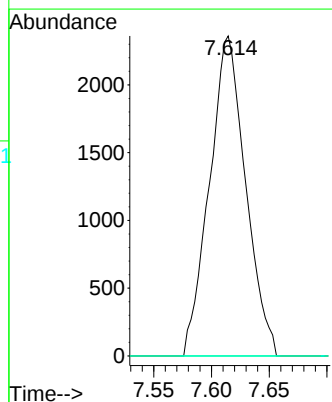
Tgt Ion: 75 Resp: 3923
Ion Ratio Lower Upper
75 100
110 4.3 18.2 54.6#
77 0.0 24.9 37.3#

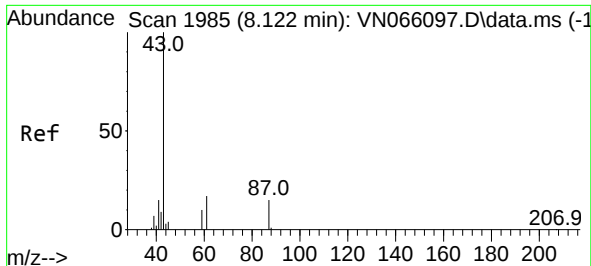


#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. -0.119 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01



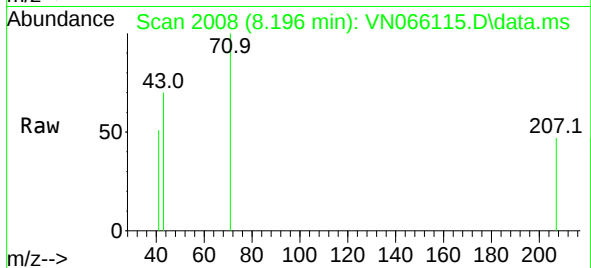
Tgt Ion: 117 Resp: 5138
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.5 36.7#



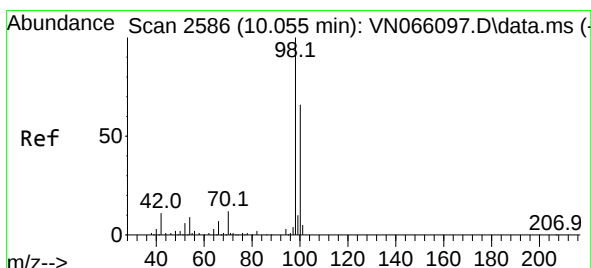
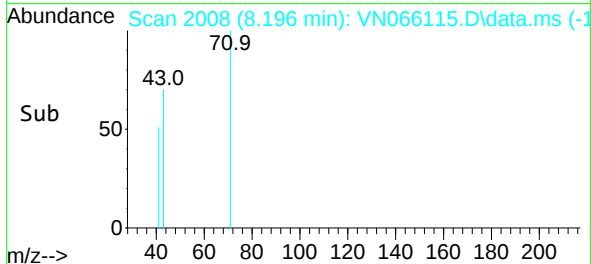
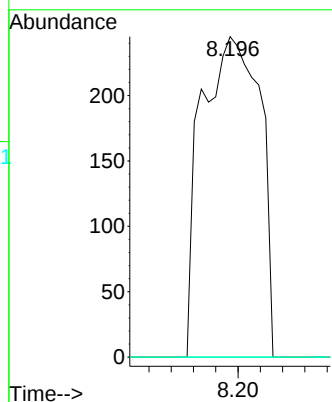


#43
Isopropyl Acetate
Concen: 0.35 ug/l
RT: 8.196 min Scan# 2008
Delta R.T. 0.074 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01

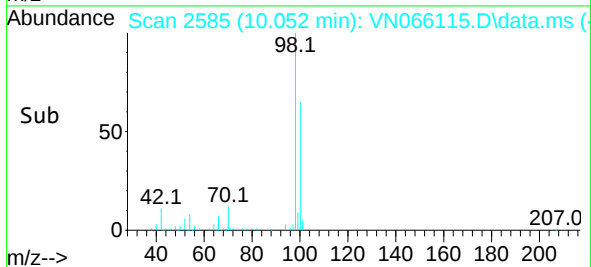
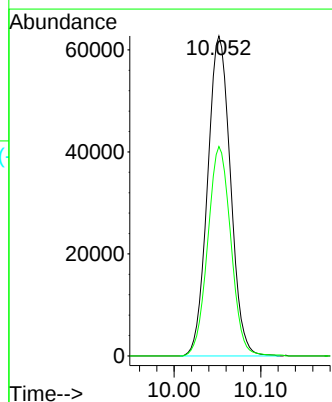
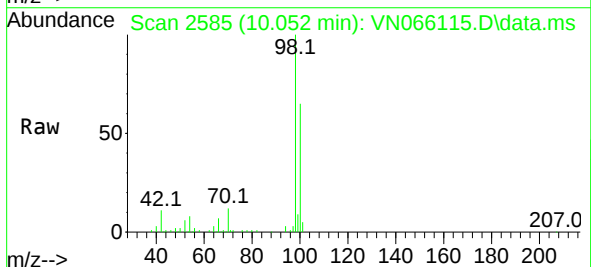


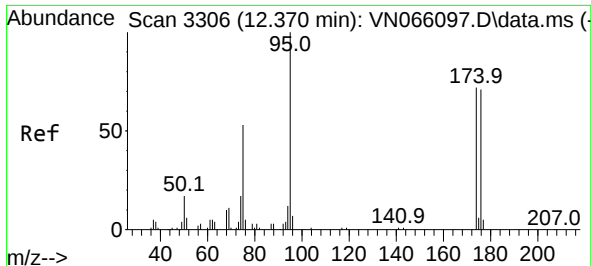
Tgt Ion: 43 Resp: 448
Ion Ratio Lower Upper
43 100
61 0.0 22.5 33.7#
87 0.0 11.1 16.7#



#50
Toluene-d8
Concen: 50.61 ug/l
RT: 10.052 min Scan# 2585
Delta R.T. -0.003 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Tgt Ion: 98 Resp: 115204
Ion Ratio Lower Upper
98 100
100 66.0 50.5 75.7

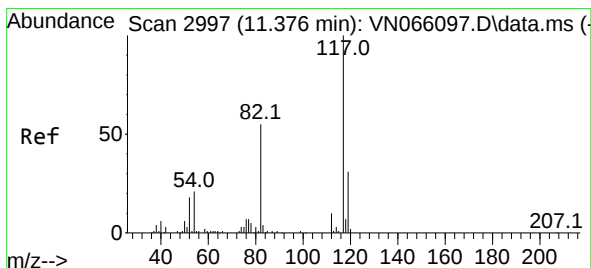
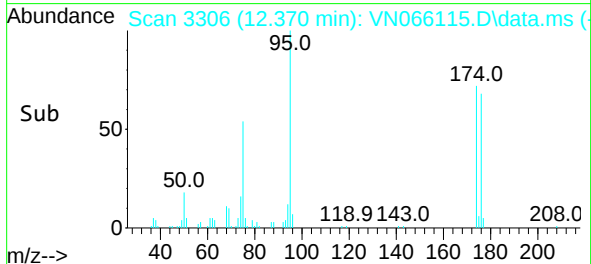
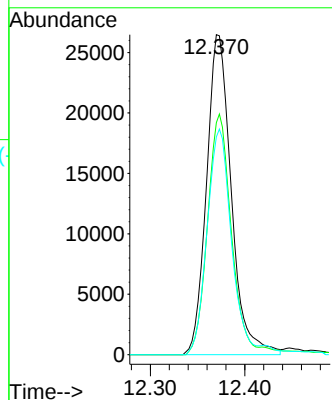
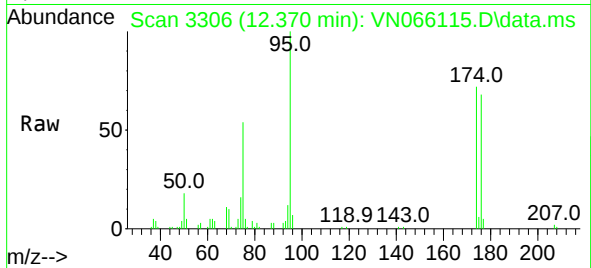




#62
4-Bromofluorobenzene
Concen: 54.94 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.000 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

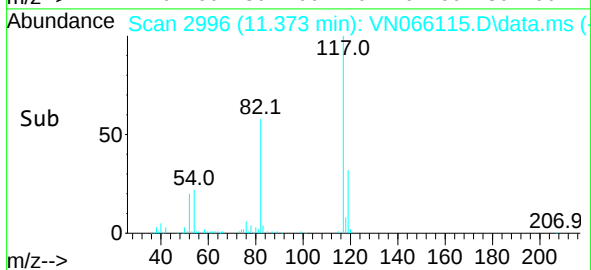
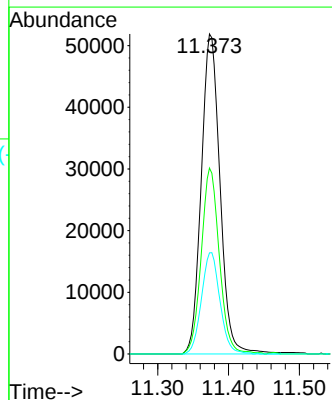
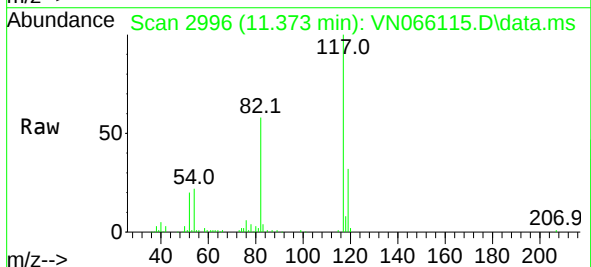
Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01

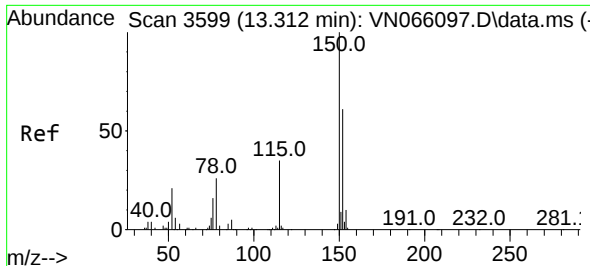
Tgt Ion: 95 Resp: 48164
Ion Ratio Lower Upper
95 100
174 73.9 0.0 169.0
176 68.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.373 min Scan# 2996
Delta R.T. -0.003 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Tgt Ion: 117 Resp: 95431
Ion Ratio Lower Upper
117 100
82 58.1 43.7 65.5
119 31.6 26.1 39.1

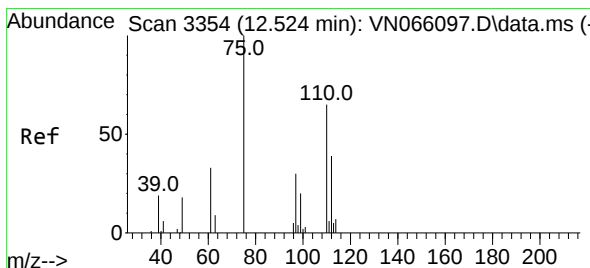
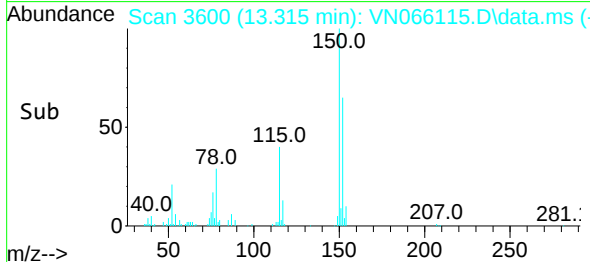
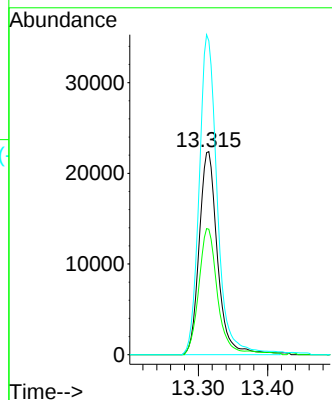
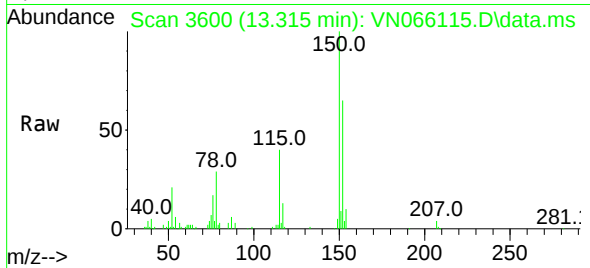




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066115.D
 Acq: 3 Mar 2021 11:01

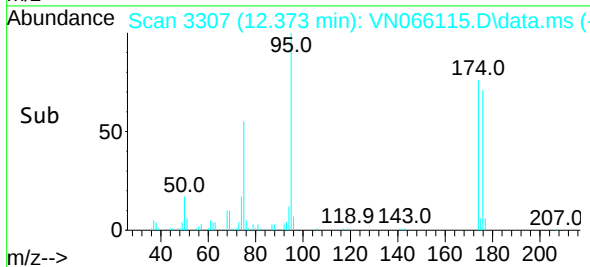
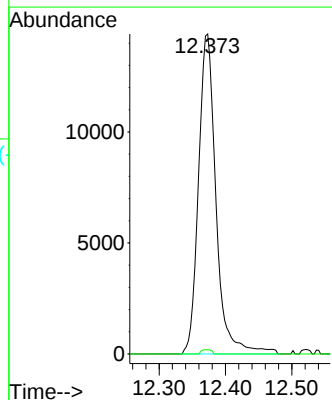
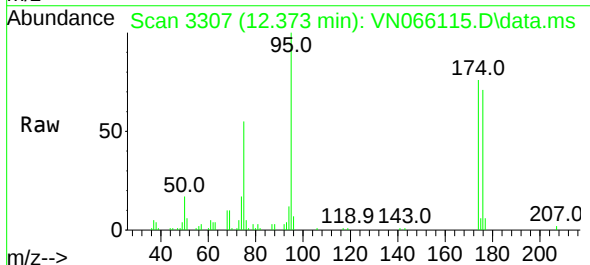
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303MBL01

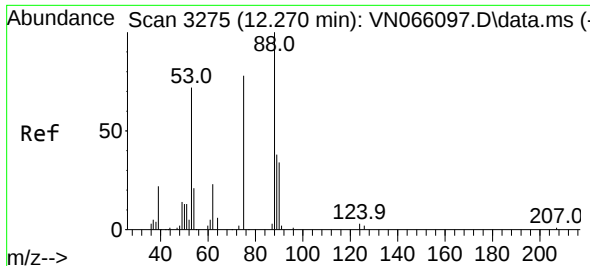
Tgt Ion:152 Resp: 41273
 Ion Ratio Lower Upper
 152 100
 115 62.2 28.5 85.6
 150 155.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 29.07 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066115.D
 Acq: 3 Mar 2021 11:01

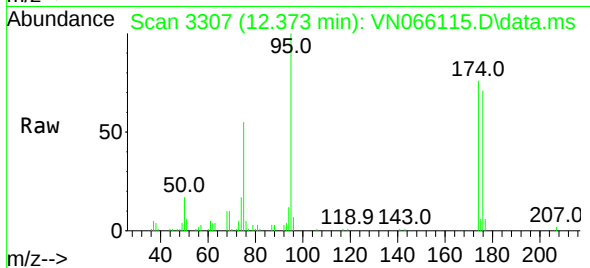
Tgt Ion: 75 Resp: 26491
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



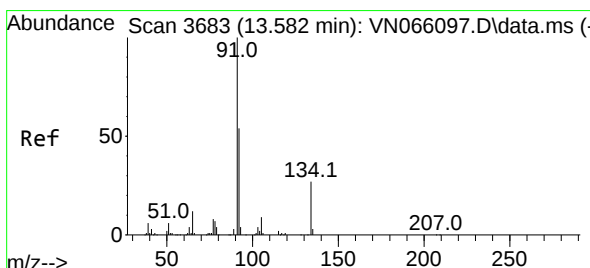
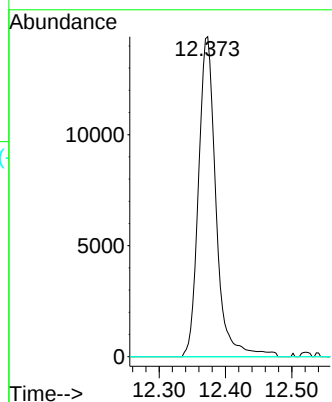
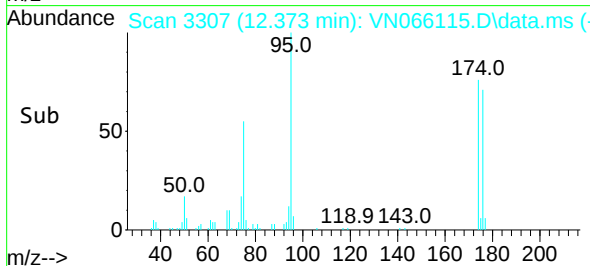


#81
trans-1,4-Dichloro-2-butene
Concen: 85.53 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

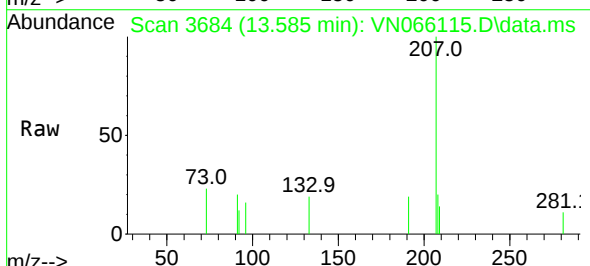
Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01



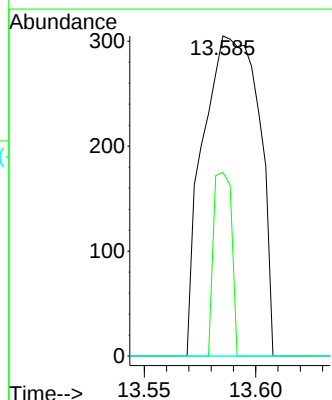
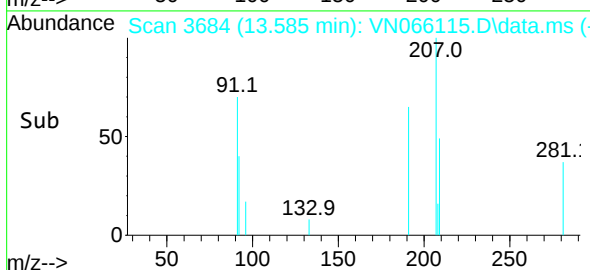
Tgt Ion: 75 Resp: 26491
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

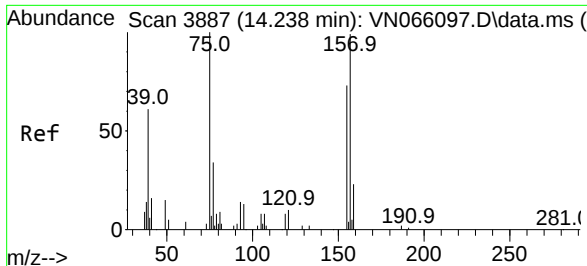


#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.003 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01



Tgt Ion: 91 Resp: 531
Ion Ratio Lower Upper
91 100
92 18.5 26.1 78.3#
134 0.0 13.0 38.9#

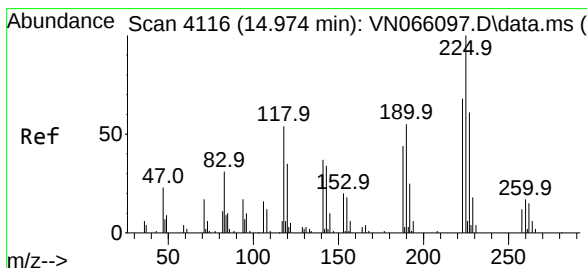
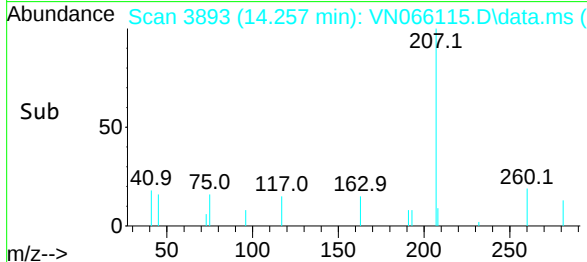
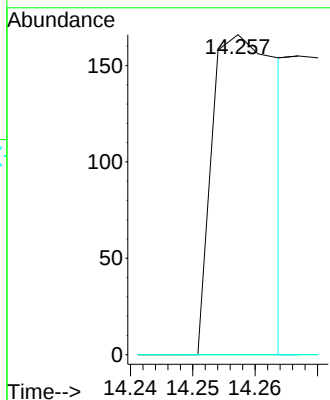
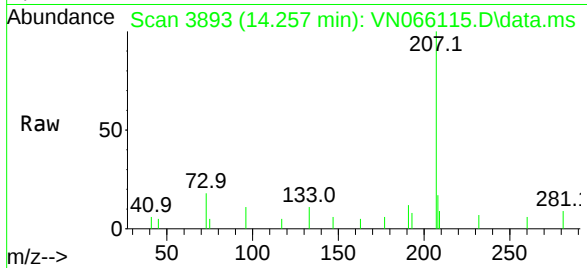




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.257 min Scan# 3893
Delta R.T. 0.019 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

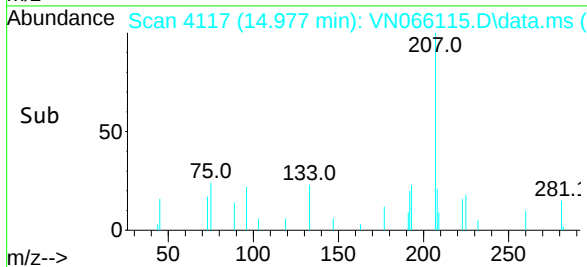
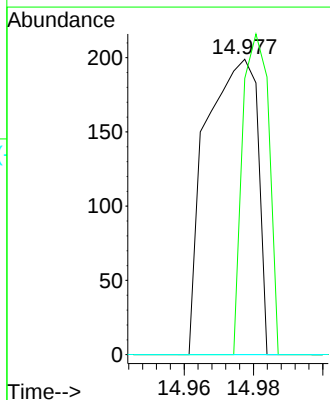
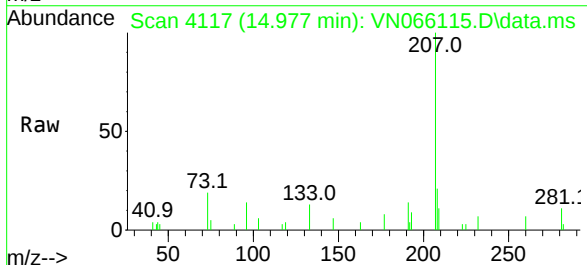
Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01

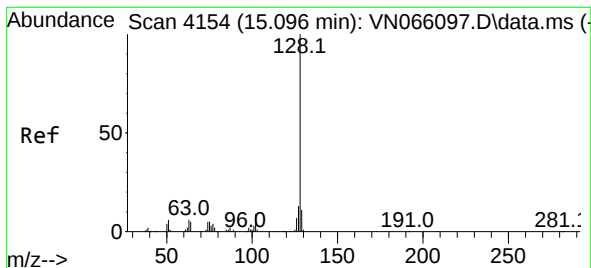
Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#94
Hexachlorobutadiene
Concen: 0.60 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Tgt Ion: 225 Resp: 205
Ion Ratio Lower Upper
225 100
223 55.6 31.9 95.9
227 0.0 31.6 95.0#

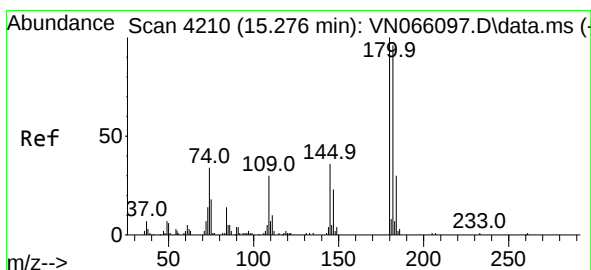
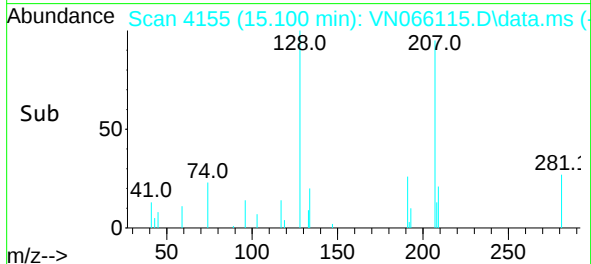
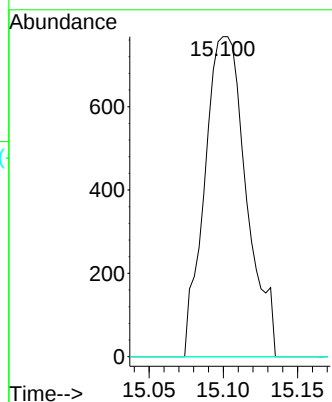
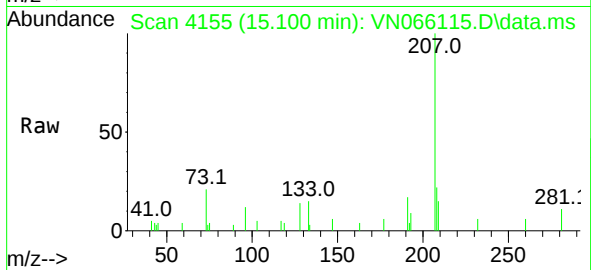




#95
Naphthalene
Concen: 0.65 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN0303MBL01

Tgt Ion:128 Resp: 1501
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.33 ug/l
RT: 15.273 min Scan# 4209
Delta R.T. -0.003 min
Lab File: VN066115.D
Acq: 3 Mar 2021 11:01

Tgt Ion:180 Resp: 252
Ion Ratio Lower Upper
180 100
182 104.4 47.4 142.3
145 0.0 16.5 49.5#

