

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066107.D
 Acq On : 2 Mar 2021 18:39
 Operator : JC/MD
 Sample : M1507-07 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 03 03:54:50 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)

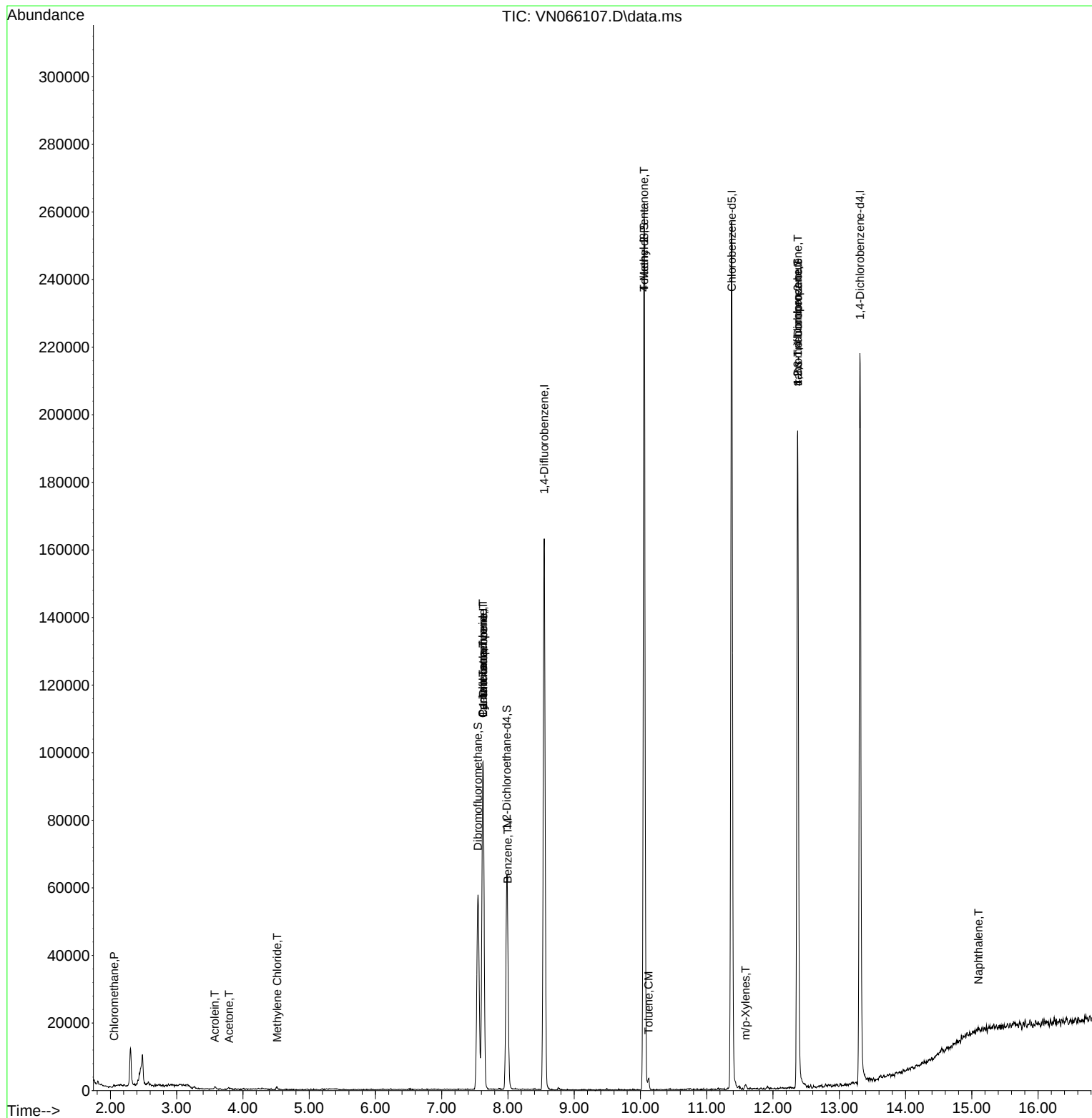
Internal Standards						
1) Pentafluorobenzene	7.624	168	78757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	145498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	152656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	62089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	58737	49.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.02%		
35) Dibromofluoromethane	7.547	113	45271	49.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.26%		
50) Toluene-d8	10.055	98	185138	51.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.18%		
62) 4-Bromofluorobenzene	12.373	95	78439	56.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.50%		
Target Compounds					Qvalue	
3) Chloromethane	2.055	50	541	0.63	ug/l #	42
13) Acrolein	3.573	56	663	8.51	ug/l	85
16) Acetone	3.788	43	907	2.53	ug/l #	41
20) Methylene Chloride	4.518	84	358	0.38	ug/l #	19
31) Cyclohexane	7.621	56	1712	1.19	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	6037	4.41	ug/l #	47
38) Carbon Tetrachloride	7.621	117	7855	5.00	ug/l #	12
40) Benzene	7.997	78	2019	0.50	ug/l	93
51) 4-Methyl-2-Pentanone	10.055	43	803	0.74	ug/l #	1
52) Toluene	10.122	92	1593	0.61	ug/l	96
68) m/p-Xylenes	11.588	106	619	0.28	ug/l #	61
76) 1,2,3-Trichloropropane	12.373	75	41152	30.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	41152	88.32	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.231	75	62	Below Cal	#	1
95) Naphthalene	15.100	128	800	0.23	ug/l #	69

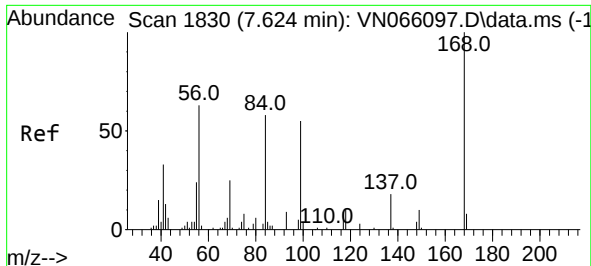
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
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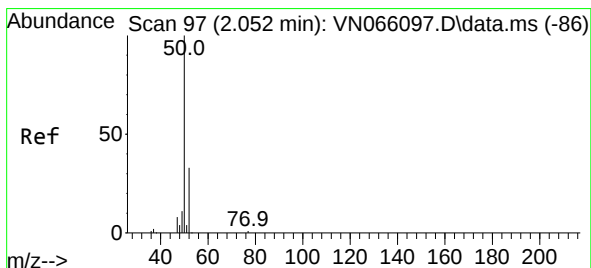
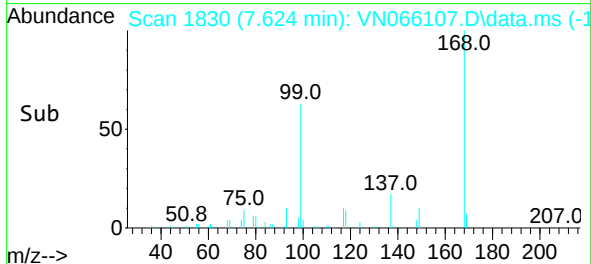
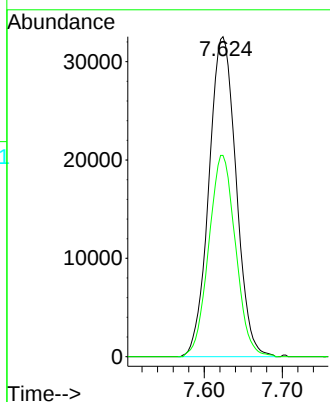
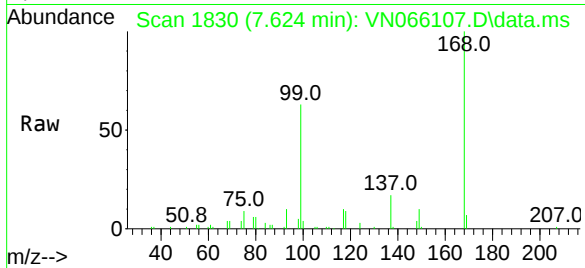




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

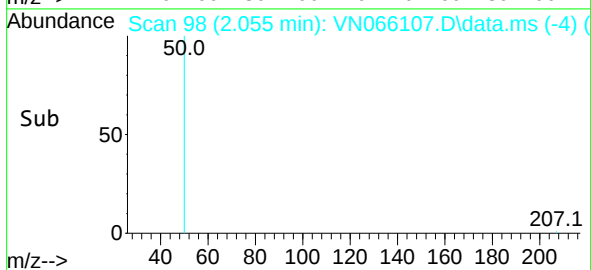
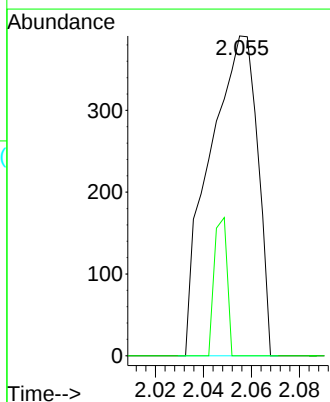
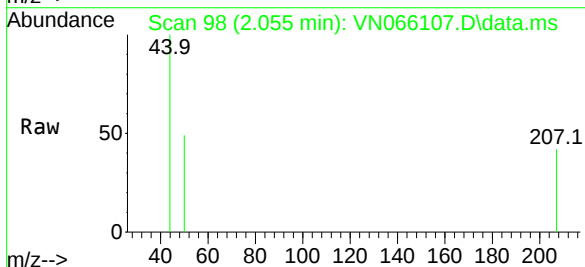
Instrument :
MSVOA_N
ClientSampleId :

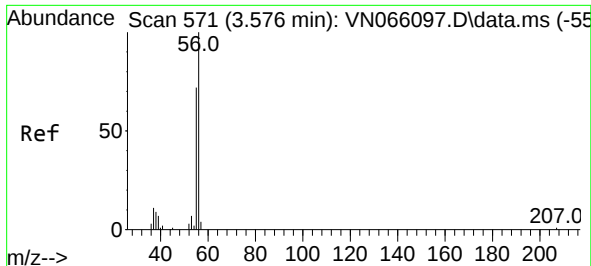
Tgt Ion:168 Resp: 78757
Ion Ratio Lower Upper
168 100
99 62.9 42.6 63.8



#3
Chloromethane
Concen: 0.63 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.003 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

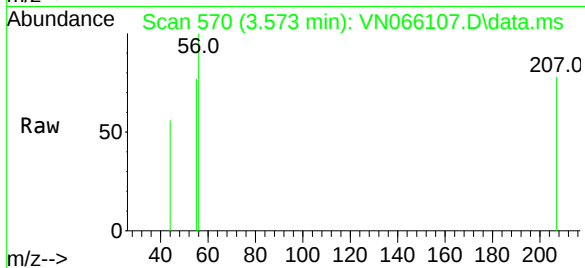
Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#



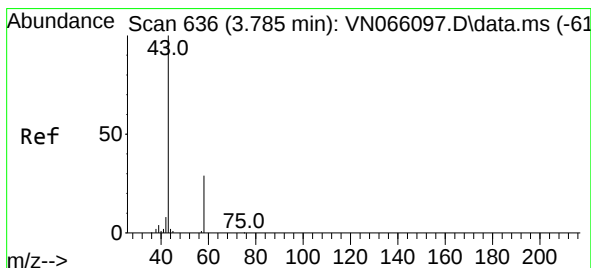
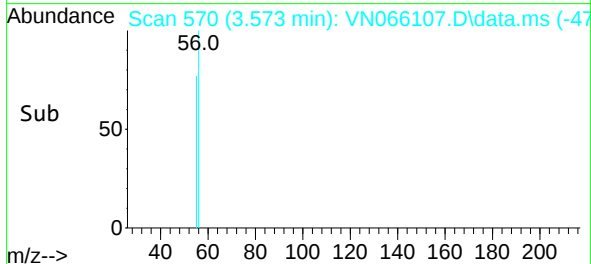
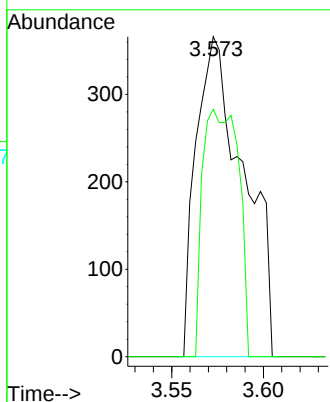


#13
Acrolein
Concen: 8.51 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.003 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Instrument :
MSVOA_N
ClientSampled :

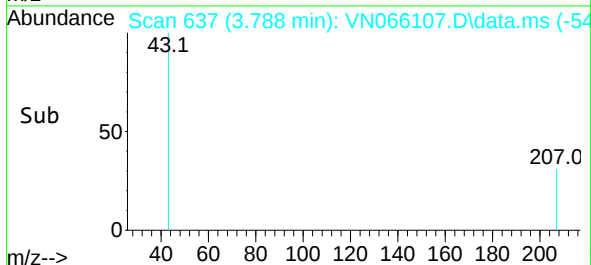
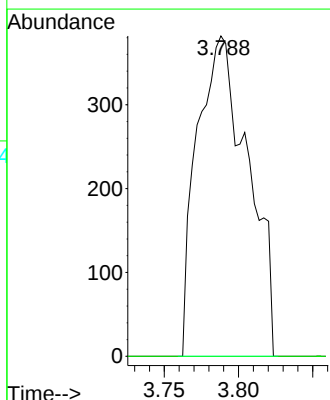
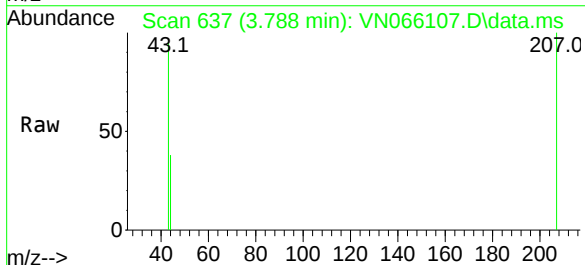


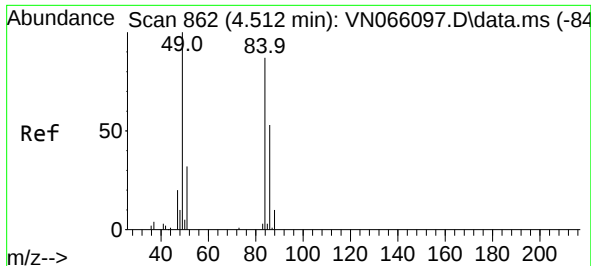
Tgt Ion: 56 Resp: 663
Ion Ratio Lower Upper
56 100
55 57.9 56.0 84.0



#16
Acetone
Concen: 2.53 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

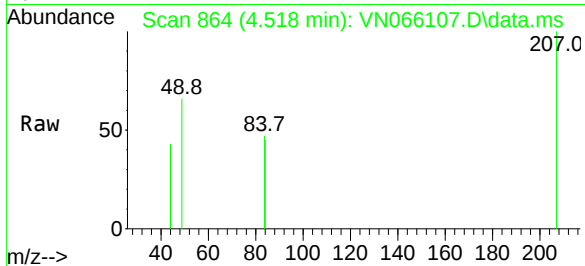
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



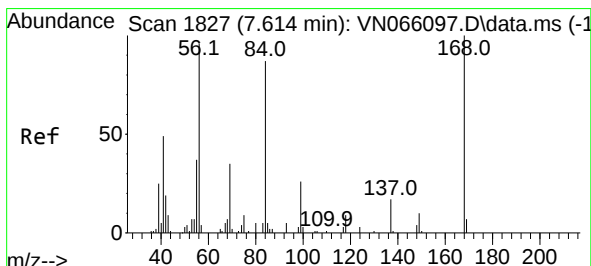
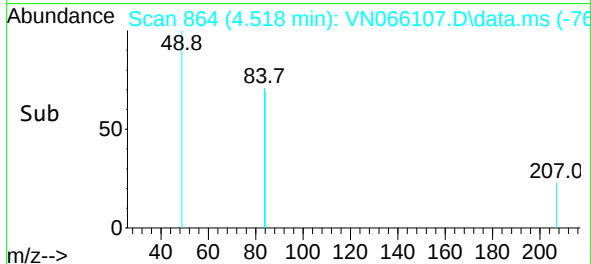
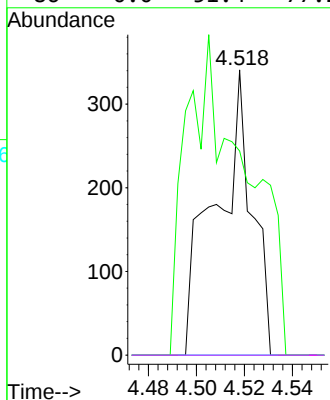


#20
Methylene Chloride
Concen: 0.38 ug/l
RT: 4.518 min Scan# 864
Delta R.T. 0.006 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Instrument :
MSVOA_N
ClientSampled :

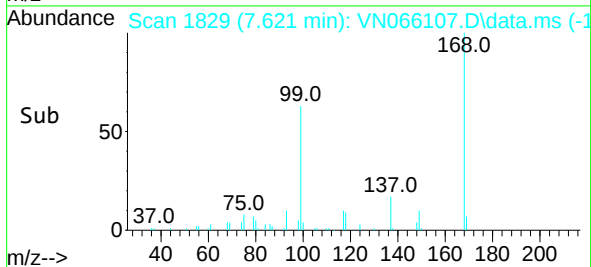
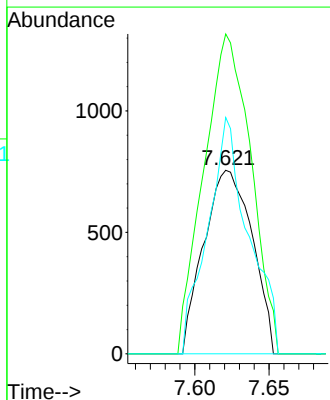
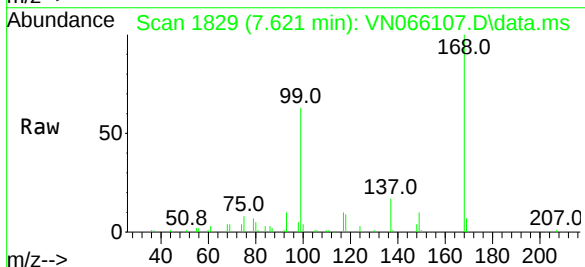


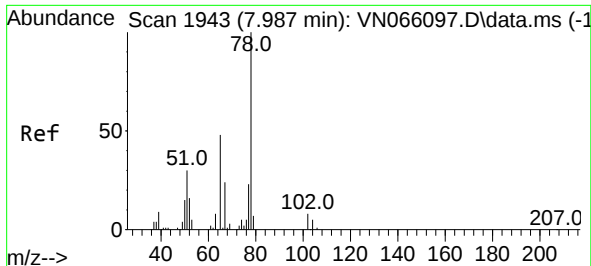
Tgt Ion: 84 Resp: 358
Ion Ratio Lower Upper
84 100
49 22.6 94.6 141.8#
51 0.0 29.9 44.9#
86 0.0 51.4 77.2#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.007 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Tgt Ion: 56 Resp: 1712
Ion Ratio Lower Upper
56 100
69 174.2 26.6 39.8#
84 128.7 70.4 105.6#

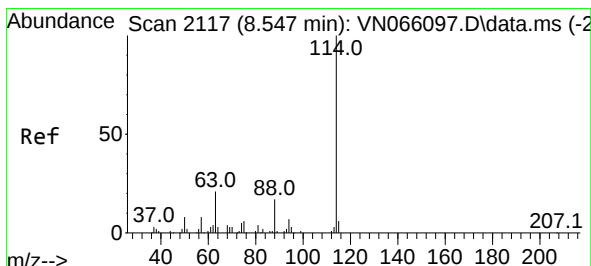
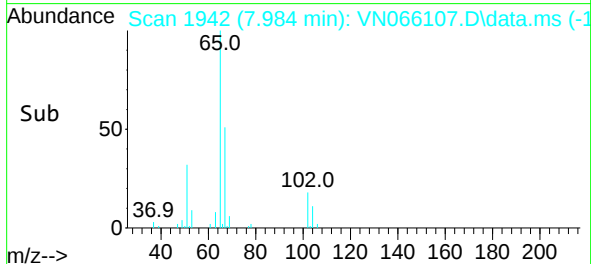
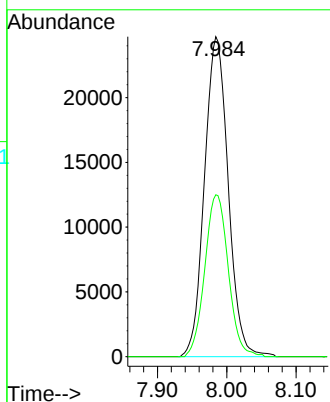
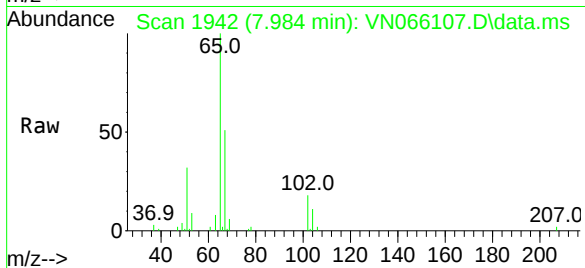




#33
 1,2-Dichloroethane-d4
 Concen: 49.01 ug/l
 RT: 7.984 min Scan# 1942
 Delta R.T. -0.003 min
 Lab File: VN066107.D
 Acq: 2 Mar 2021 18:39

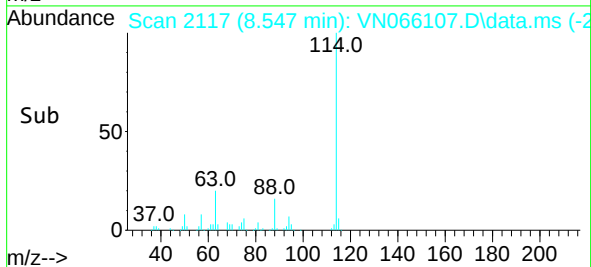
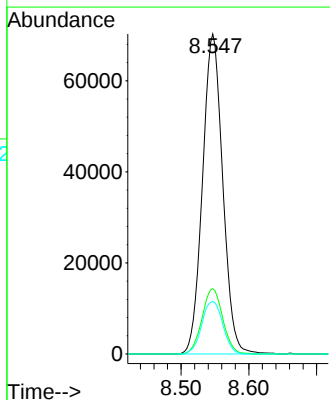
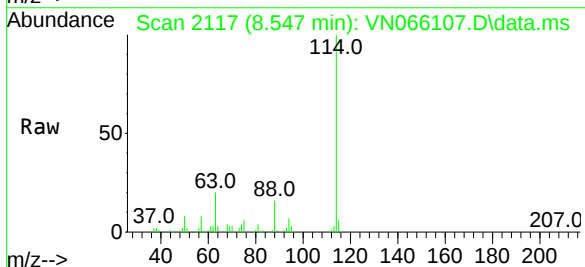
Instrument :
 MSVOA_N
 ClientSampled :

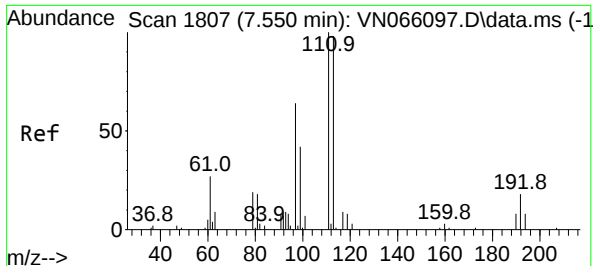
Tgt Ion: 65 Resp: 58737
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.547 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: VN066107.D
 Acq: 2 Mar 2021 18:39

Tgt Ion: 114 Resp: 145498
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.6
 88 16.4 0.0 30.6



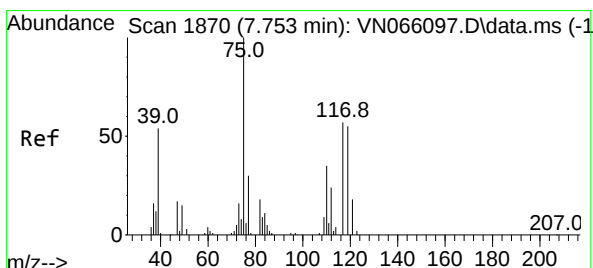
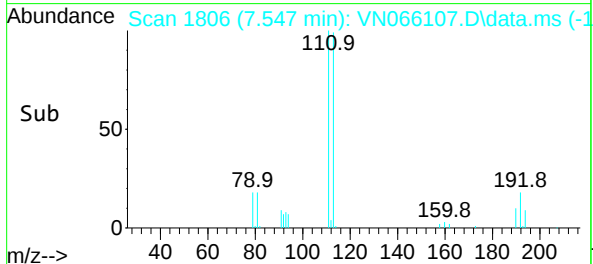
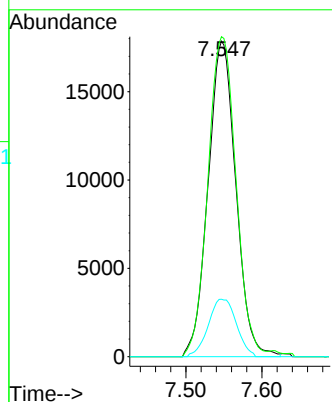
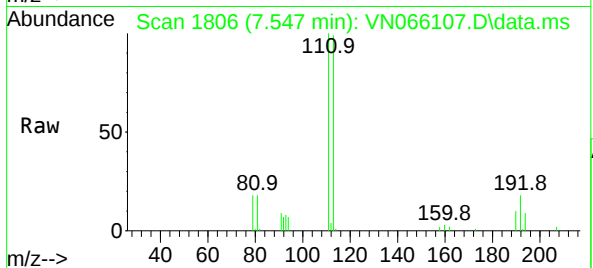


#35

Dibromofluoromethane
Concen: 49.13 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Instrument :
MSVOA_N
ClientSampleId :

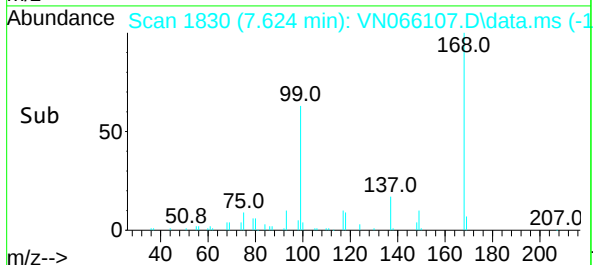
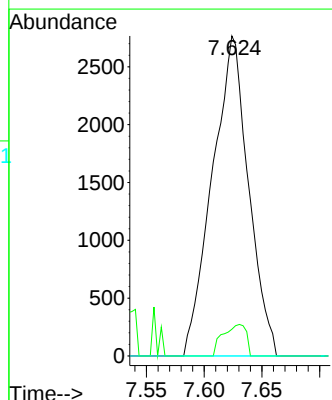
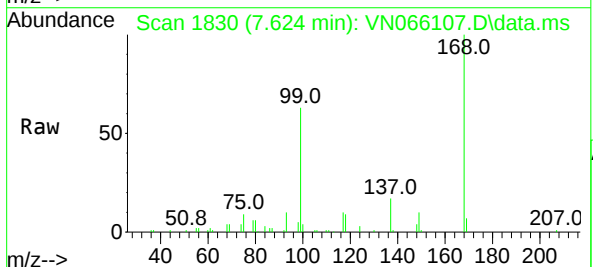
Tgt Ion:113 Resp: 45271
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.4 15.4 23.0

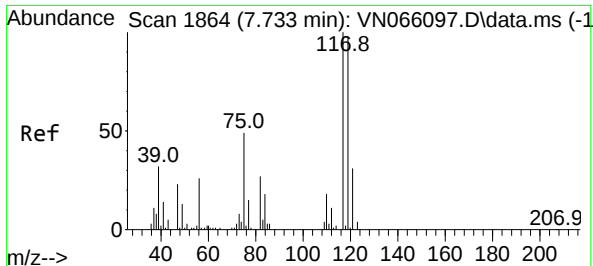


#36

1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

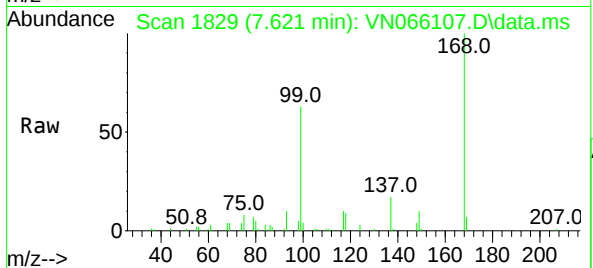
Tgt Ion: 75 Resp: 6037
Ion Ratio Lower Upper
75 100
110 6.3 18.2 54.6#
77 0.0 24.9 37.3#



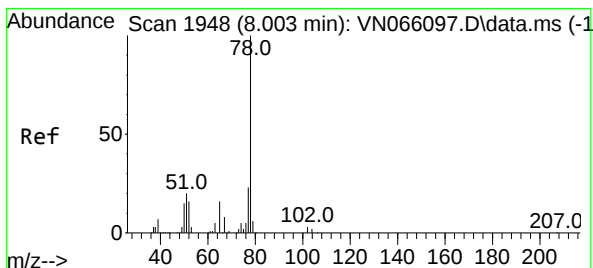
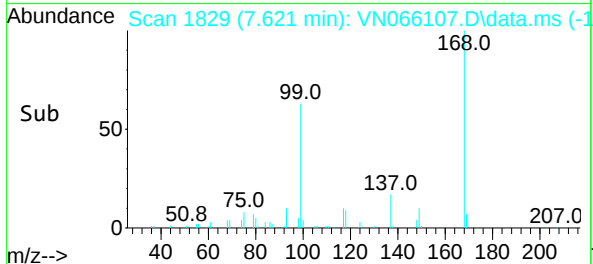
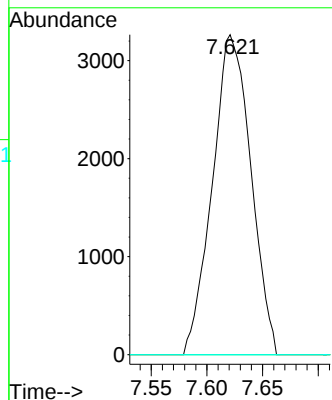


#38
Carbon Tetrachloride
Concen: 5.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.112 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Instrument :
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ClientSampleId :

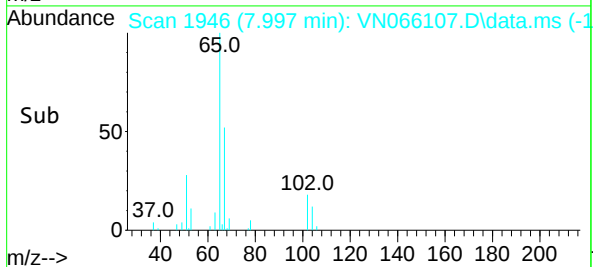
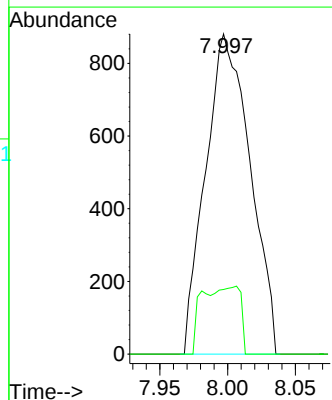
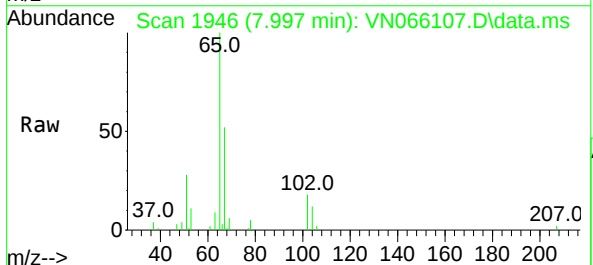


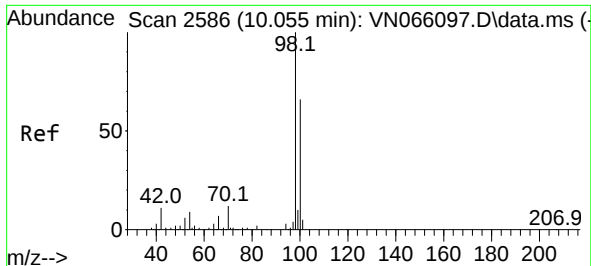
Tgt Ion:117 Resp: 7855
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.5 36.7#



#40
Benzene
Concen: 0.50 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. -0.006 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Tgt Ion: 78 Resp: 2019
Ion Ratio Lower Upper
78 100
77 20.2 19.0 28.4

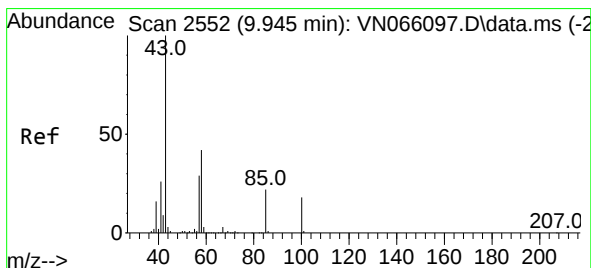
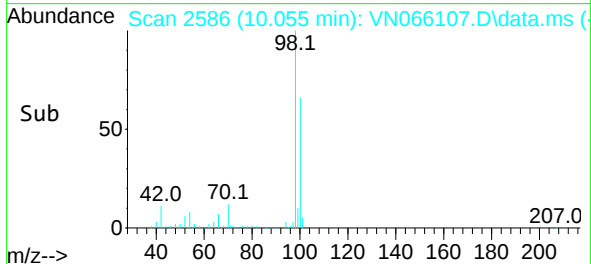
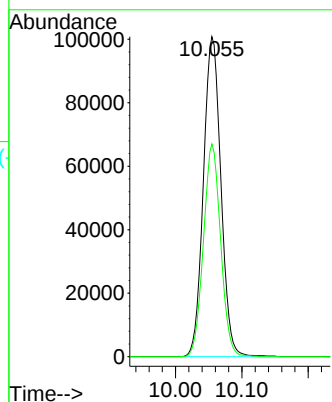
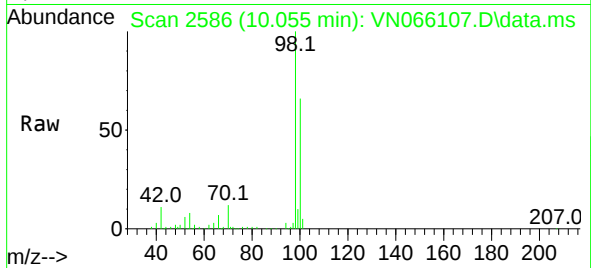




#50
Toluene-d8
Concen: 51.59 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.000 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

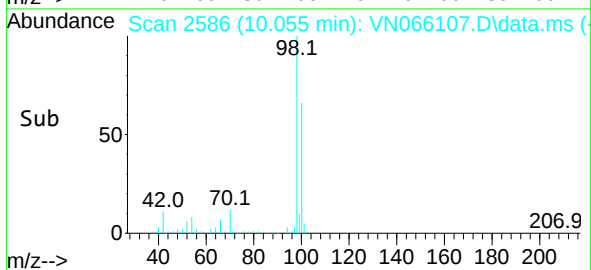
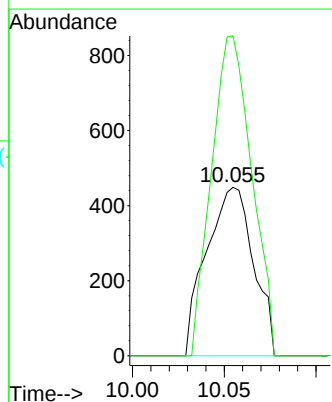
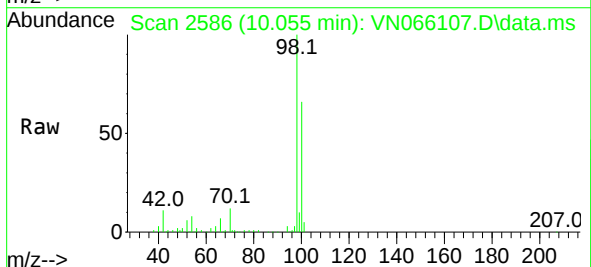
Instrument :
MSVOA_N
ClientSampled :

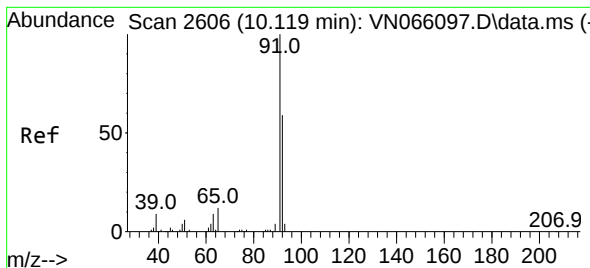
Tgt Ion: 98 Resp: 185138
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.74 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.110 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
58 162.5 32.5 48.7#

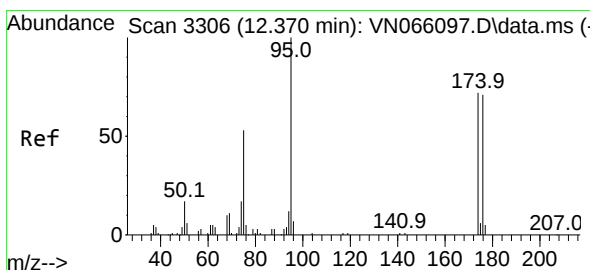
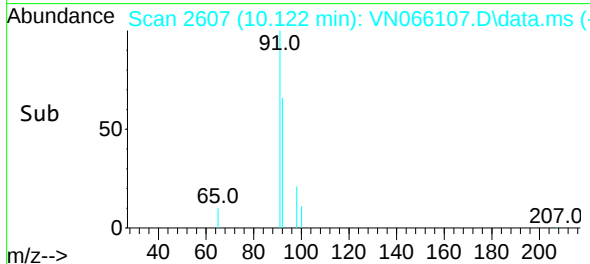
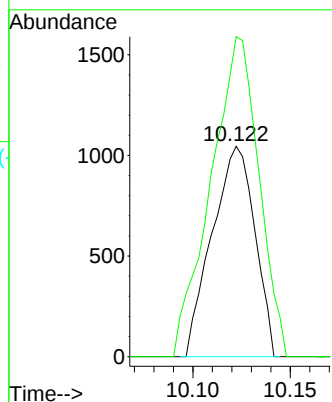
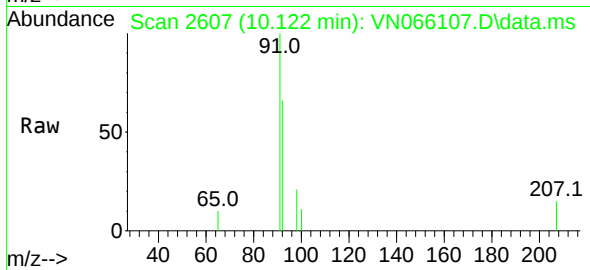




#52
Toluene
Concen: 0.61 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

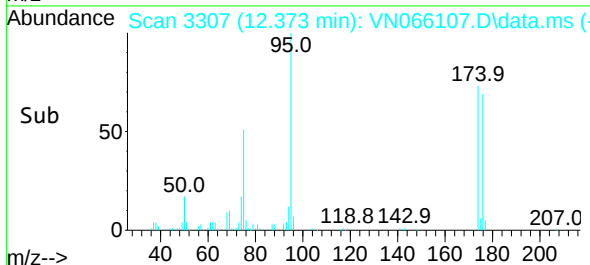
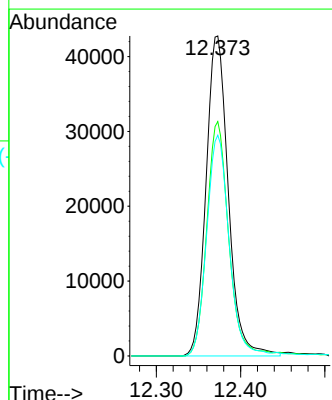
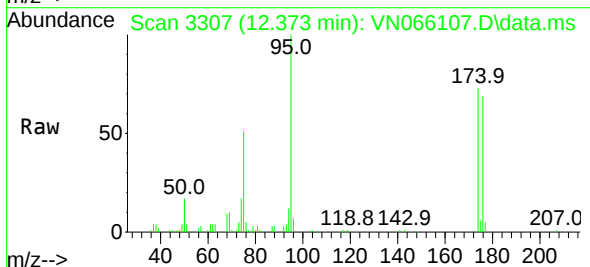
Instrument :
MSVOA_N
ClientSampleId :

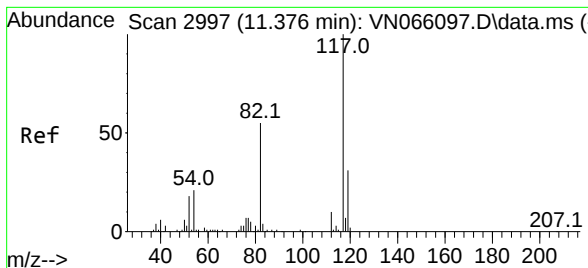
Tgt Ion: 92 Resp: 1593
Ion Ratio Lower Upper
92 100
91 170.7 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 56.75 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Tgt Ion: 95 Resp: 78439
Ion Ratio Lower Upper
95 100
174 72.0 0.0 169.0
176 69.3 0.0 162.4

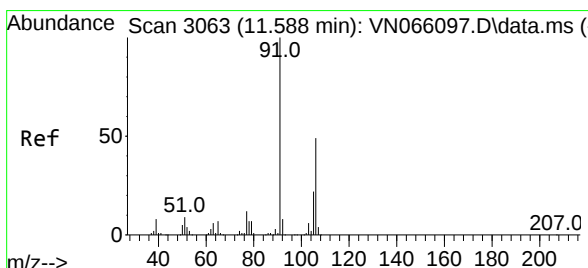
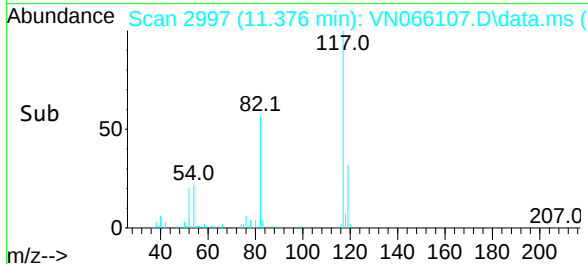
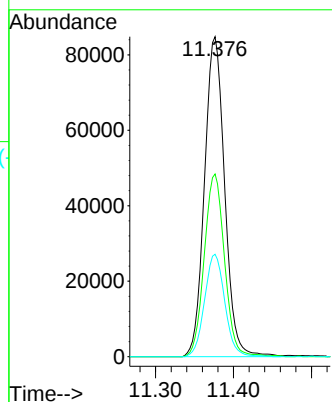
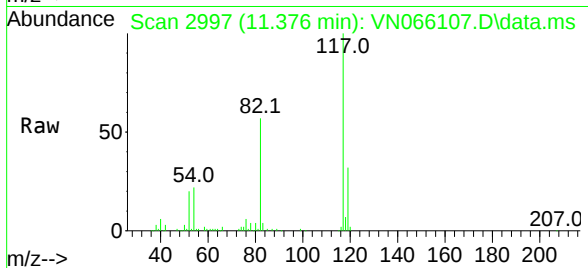




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

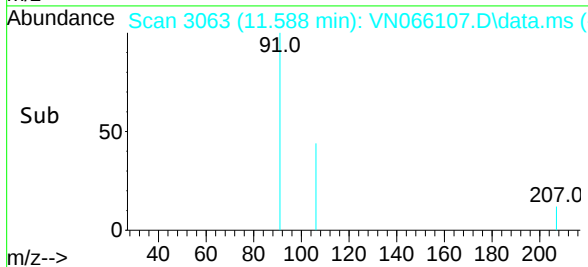
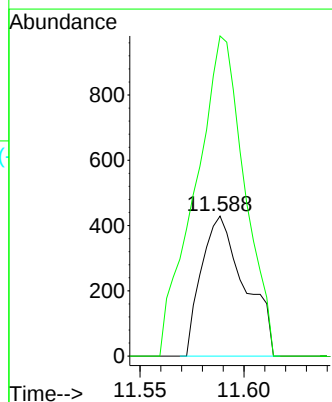
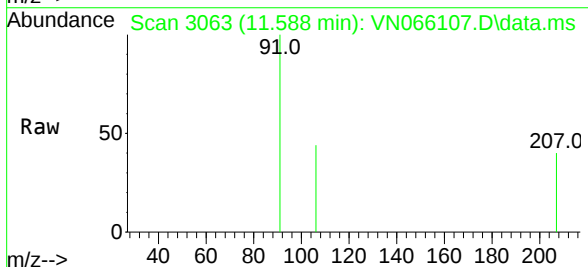
Instrument :
MSVOA_N
ClientSampleId :

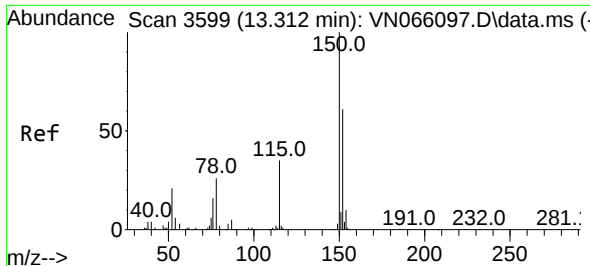
Tgt Ion:117 Resp: 152656
Ion Ratio Lower Upper
117 100
82 57.1 43.7 65.5
119 32.0 26.1 39.1



#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. 0.000 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Tgt Ion:106 Resp: 619
Ion Ratio Lower Upper
106 100
91 261.2 161.4 242.0#

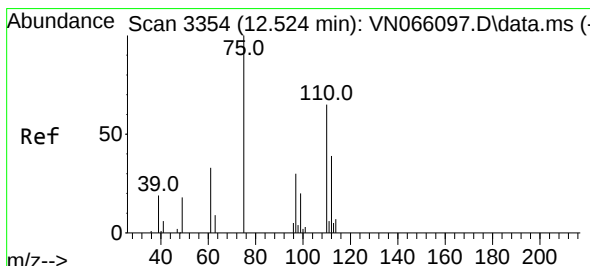
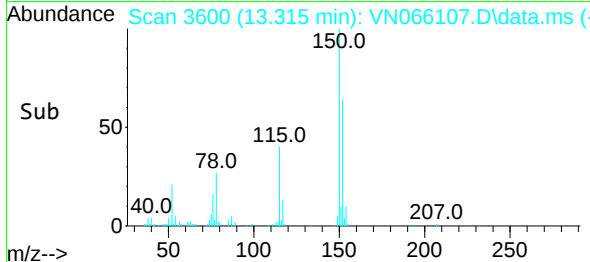
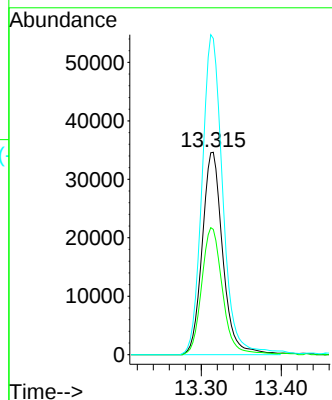
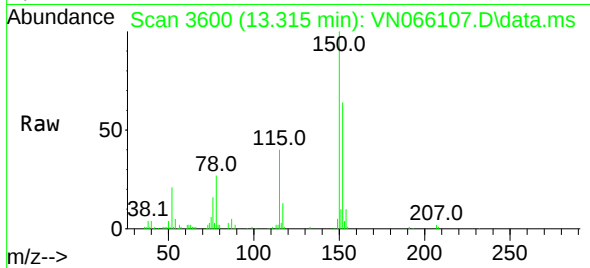




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

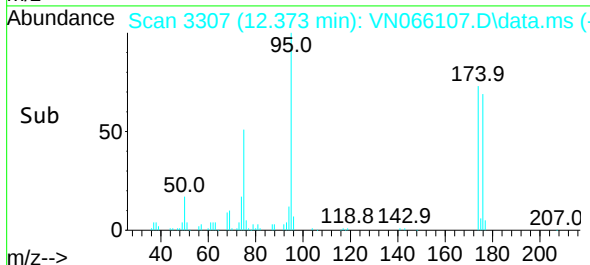
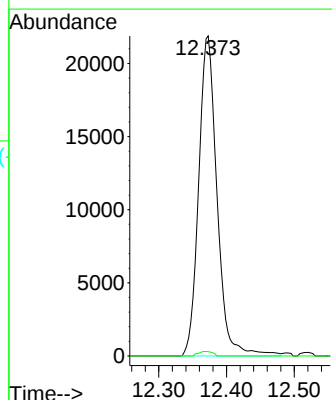
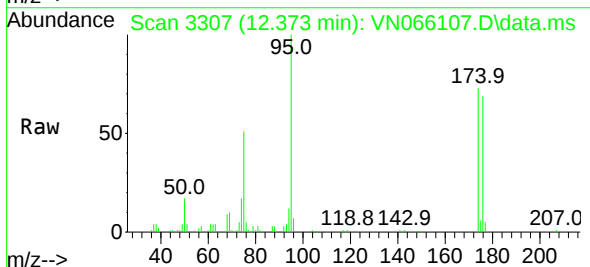
Instrument :
MSVOA_N
ClientSampleId :

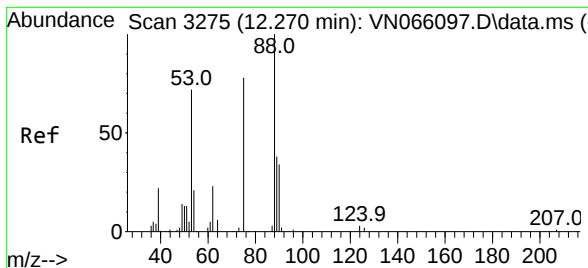
Tgt Ion:152 Resp: 62089
Ion Ratio Lower Upper
152 100
115 63.3 28.5 85.6
150 160.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 30.02 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

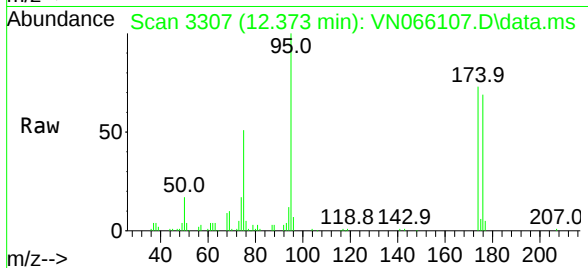
Tgt Ion: 75 Resp: 41152
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



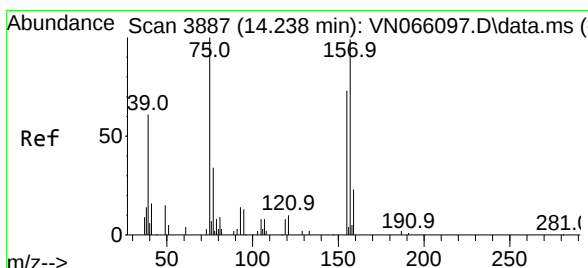
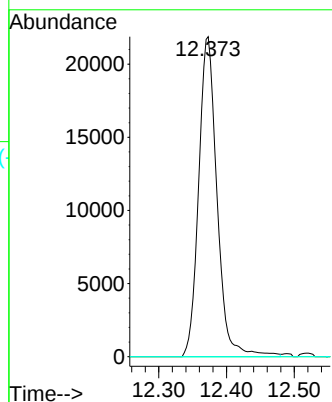
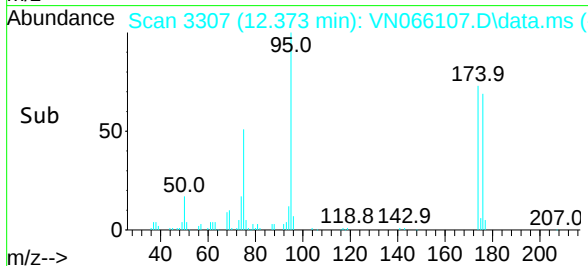


#81
trans-1,4-Dichloro-2-butene
Concen: 88.32 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

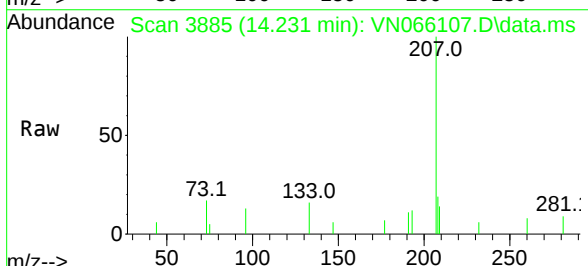
Instrument :
MSVOA_N
ClientSampleId :



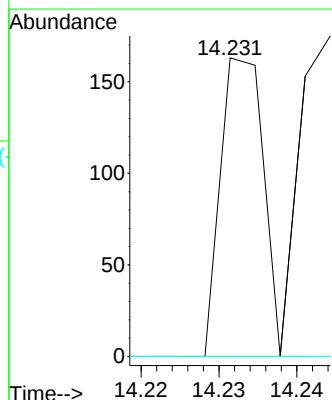
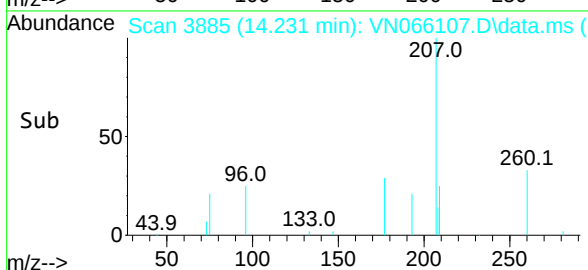
Tgt Ion: 75 Resp: 41152
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

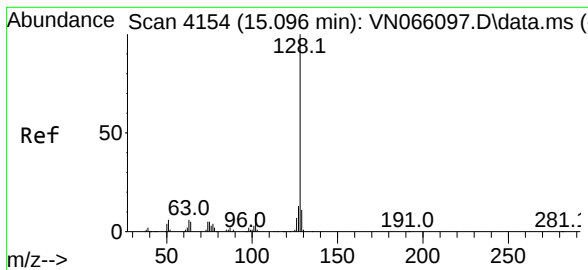


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.231 min Scan# 3885
Delta R.T. -0.007 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39



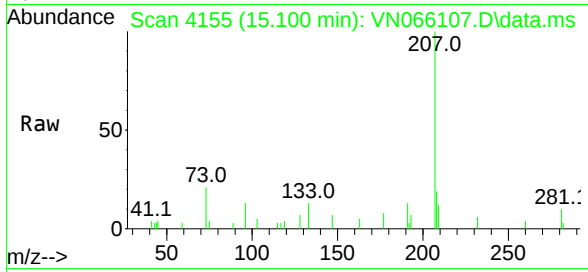
Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 0.23 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN066107.D
Acq: 2 Mar 2021 18:39

Instrument :
MSVOA_N
ClientSampleId :



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

