

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066105.D
 Acq On : 2 Mar 2021 17:51
 Operator : JC/MD
 Sample : M1488-05 400X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 03 03:54:01 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)

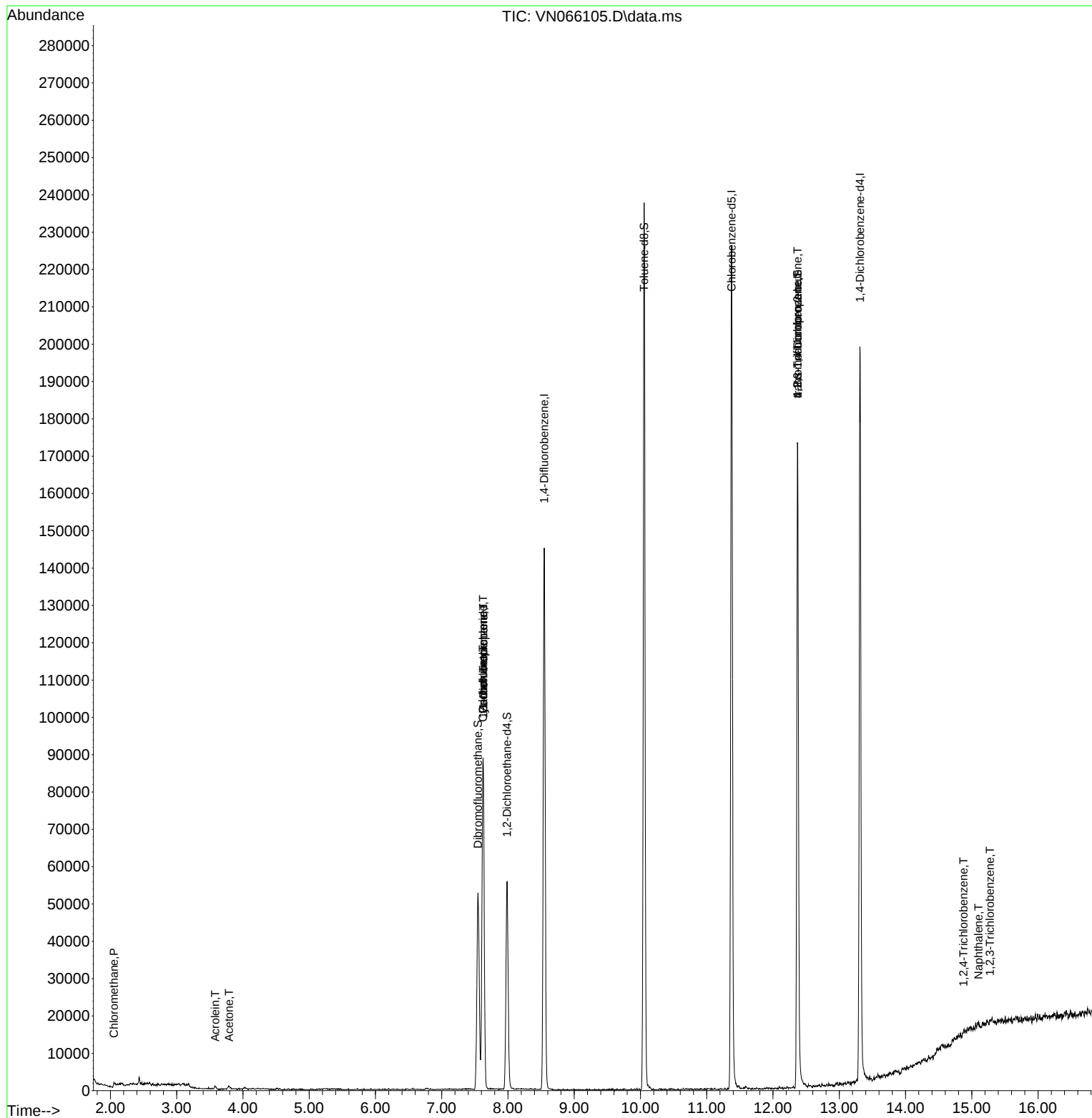
Internal Standards						
1) Pentafluorobenzene	7.624	168	71148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	133622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.373	117	139417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	56660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	52588	48.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.14%		
35) Dibromofluoromethane	7.547	113	41264	48.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.52%		
50) Toluene-d8	10.055	98	170108	51.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.22%		
62) 4-Bromofluorobenzene	12.370	95	67655	53.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.60%		
Target Compounds						Qvalue
3) Chloromethane	2.052	50	611	0.76	ug/l #	77
13) Acrolein	3.583	56	647	8.91	ug/l	90
16) Acetone	3.788	43	1418	4.38	ug/l	91
31) Cyclohexane	7.621	56	1353	1.05	ug/l #	34
36) 1,1-Dichloropropene	7.627	75	5779	4.60	ug/l #	44
38) Carbon Tetrachloride	7.624	117	7251	5.02	ug/l #	19
76) 1,2,3-Trichloropropane	12.370	75	36195	28.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	36195	85.13	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.254	75	268	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.875	180	371	0.38	ug/l #	68
95) Naphthalene	15.100	128	1864	0.59	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.277	180	434	0.41	ug/l	70

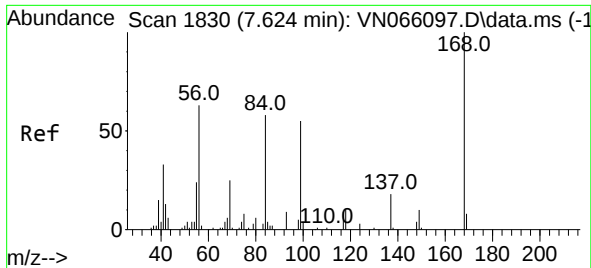
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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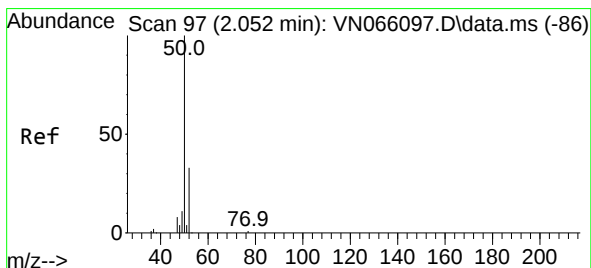
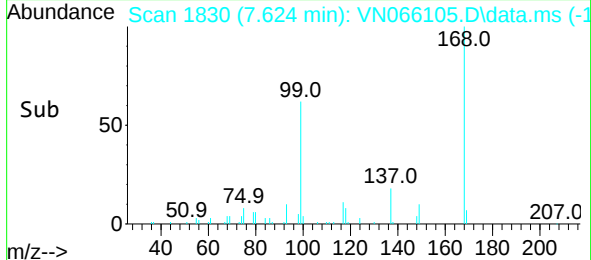
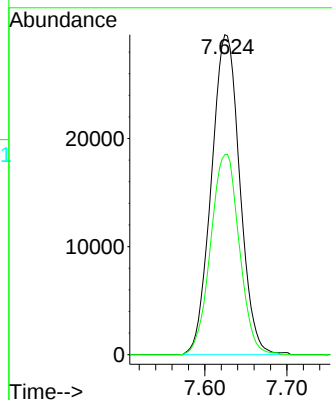
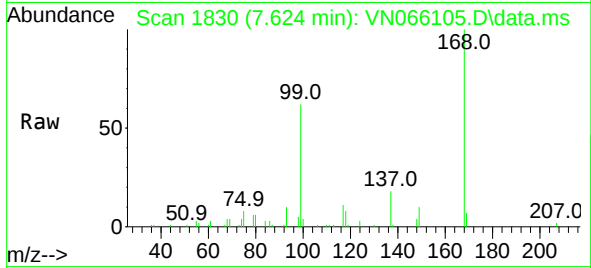




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

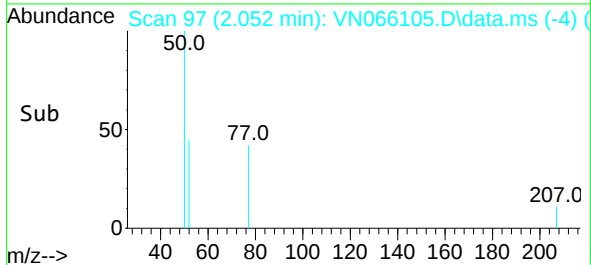
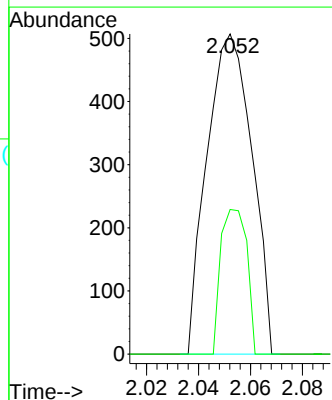
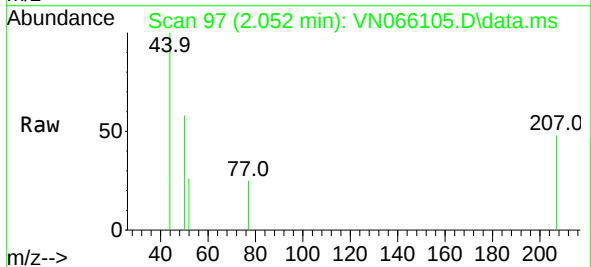
Instrument :
MSVOA_N
ClientSampled :

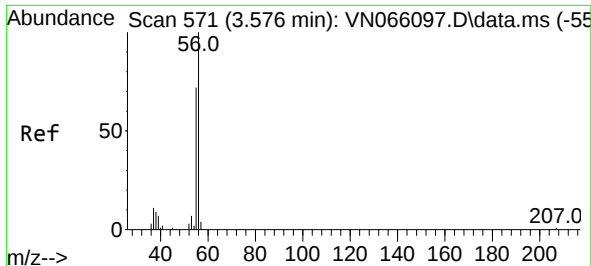
Tgt Ion:168 Resp: 71148
Ion Ratio Lower Upper
168 100
99 62.5 42.6 63.8



#3
Chloromethane
Concen: 0.76 ug/l
RT: 2.052 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

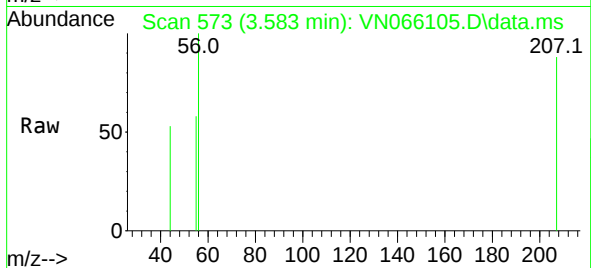
Tgt Ion: 50 Resp: 611
Ion Ratio Lower Upper
50 100
52 45.2 25.8 38.8#



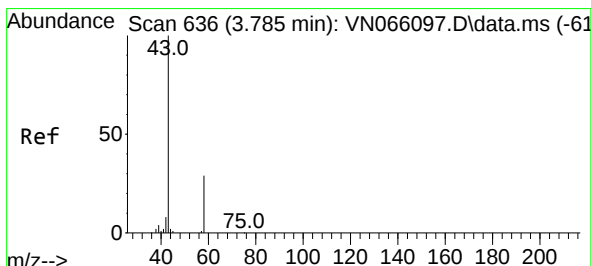
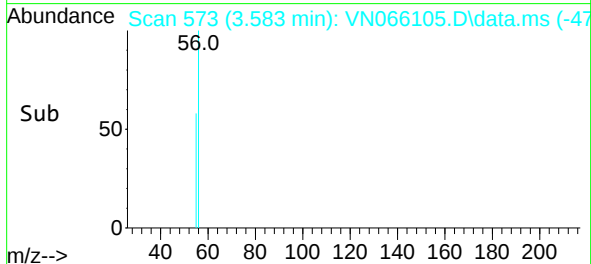
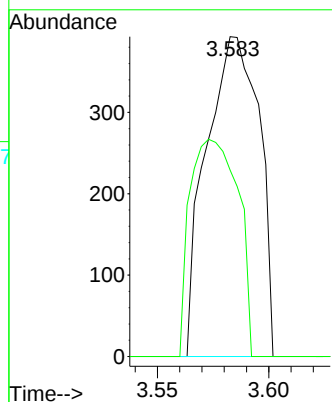


#13
Acrolein
Concen: 8.91 ug/l
RT: 3.583 min Scan# 573
Delta R.T. 0.007 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

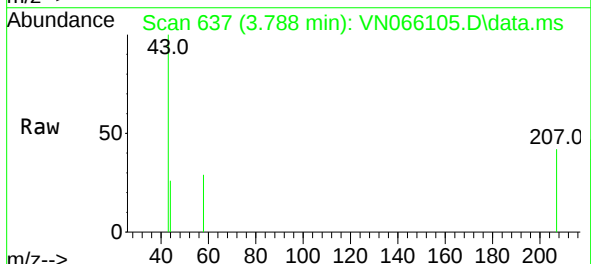
Instrument :
MSVOA_N
ClientSampled :



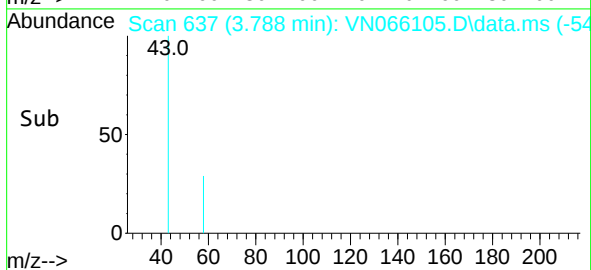
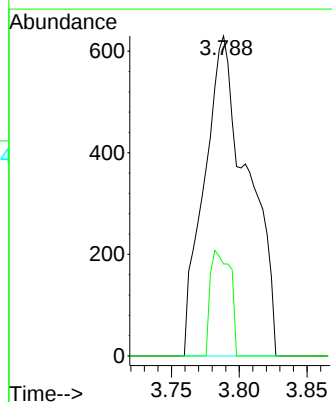
Tgt Ion: 56 Resp: 647
Ion Ratio Lower Upper
56 100
55 61.8 56.0 84.0

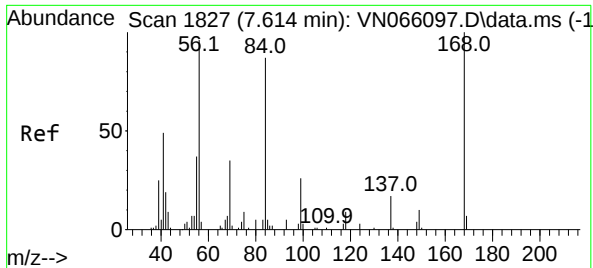


#16
Acetone
Concen: 4.38 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51



Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 28.7 27.0 40.6

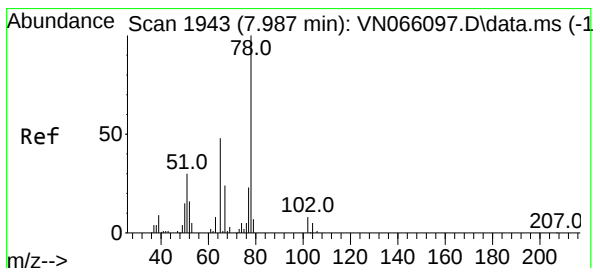
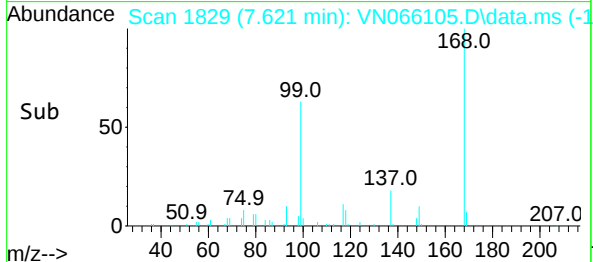
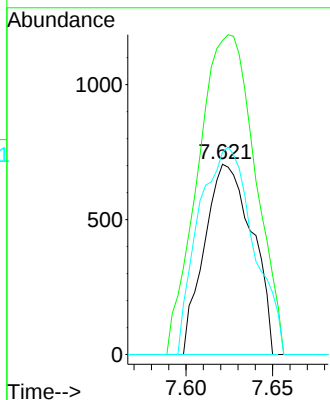
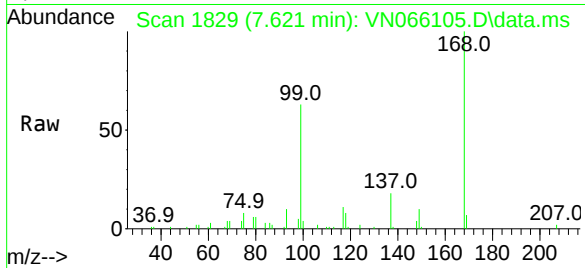




#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.007 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

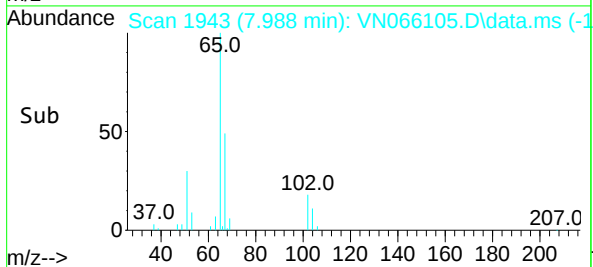
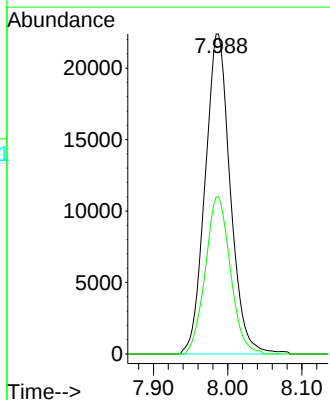
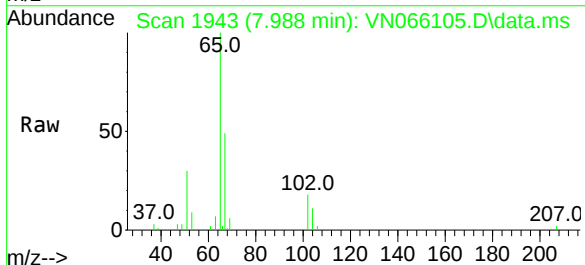
Instrument :
MSVOA_N
ClientSampled :

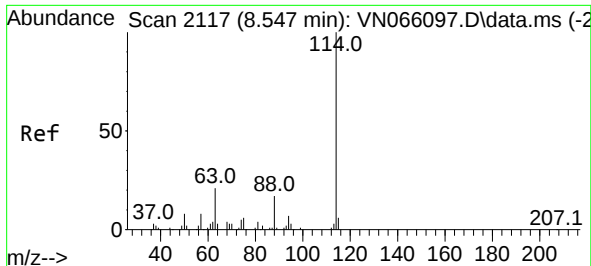
Tgt Ion: 56 Resp: 1353
Ion Ratio Lower Upper
56 100
69 140.0 26.6 39.8#
84 106.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.57 ug/l
RT: 7.988 min Scan# 1943
Delta R.T. 0.001 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

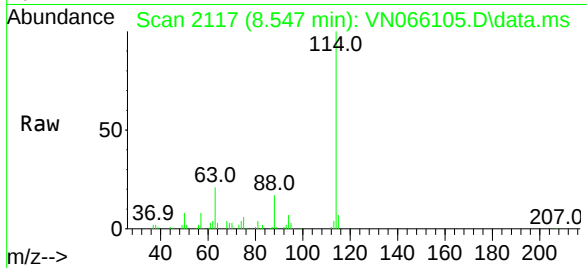
Tgt Ion: 65 Resp: 52588
Ion Ratio Lower Upper
65 100
67 48.9 0.0 107.2



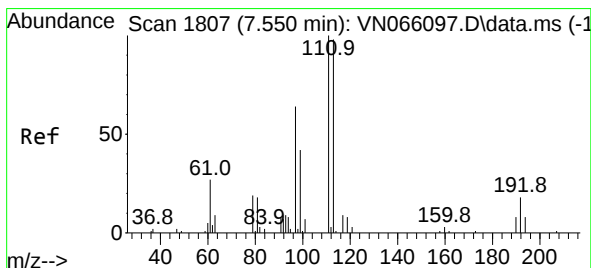
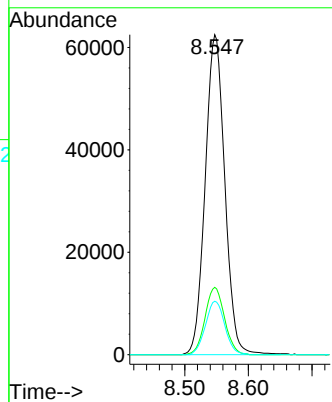
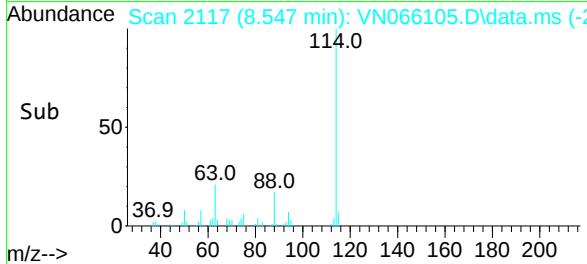


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

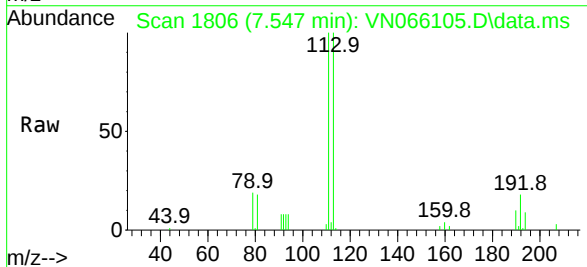
Instrument :
MSVOA_N
ClientSampleId :



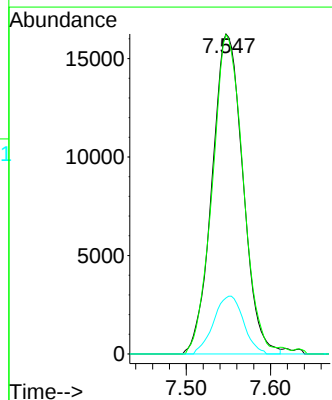
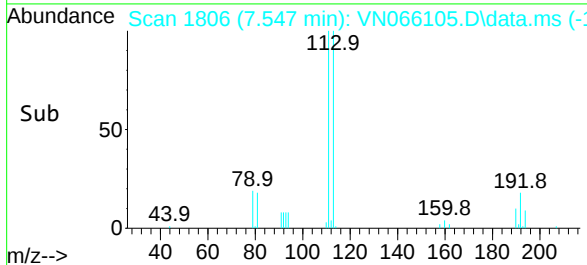
Tgt Ion:114 Resp: 133622
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.7 0.0 30.6

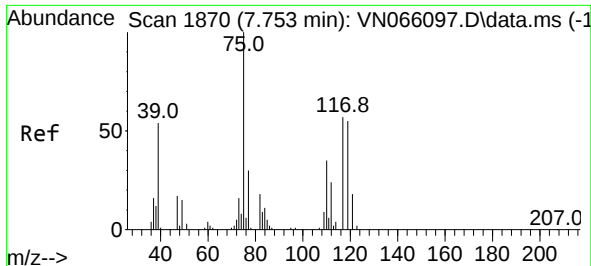


#35
Dibromofluoromethane
Concen: 48.76 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51



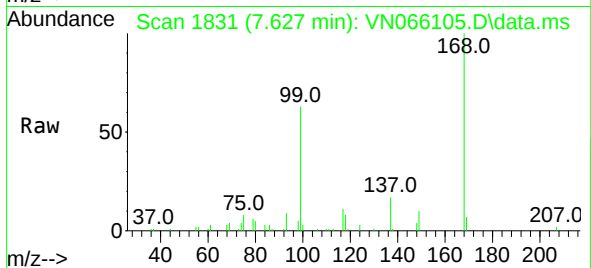
Tgt Ion:113 Resp: 41264
Ion Ratio Lower Upper
113 100
111 99.7 82.2 123.2
192 17.5 15.4 23.0



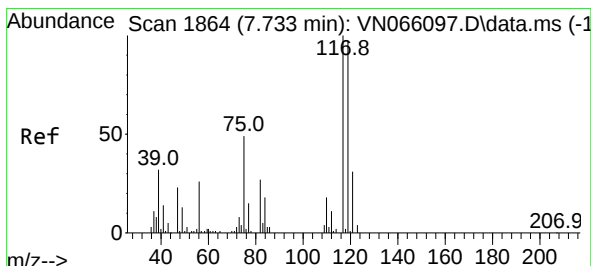
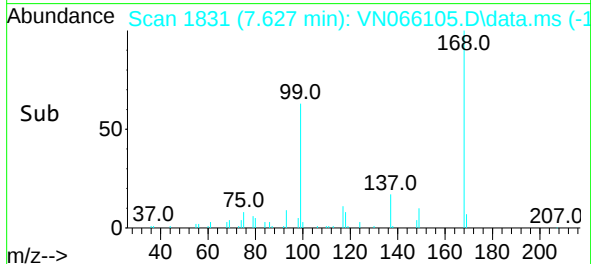
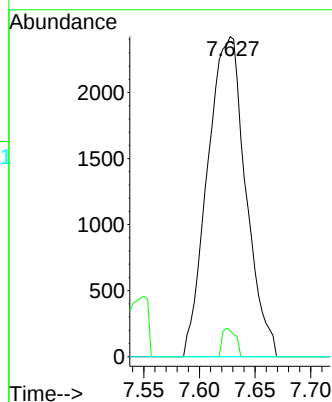


#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

Instrument :
MSVOA_N
ClientSampled :

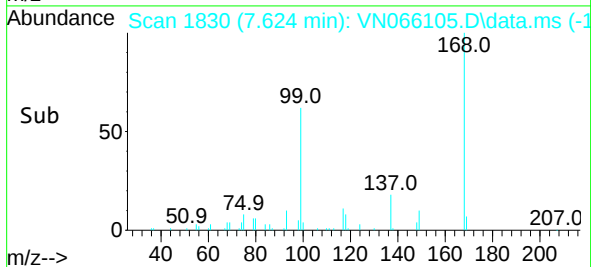
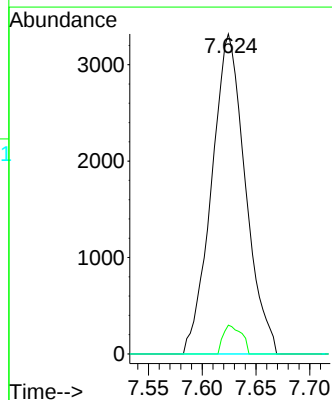
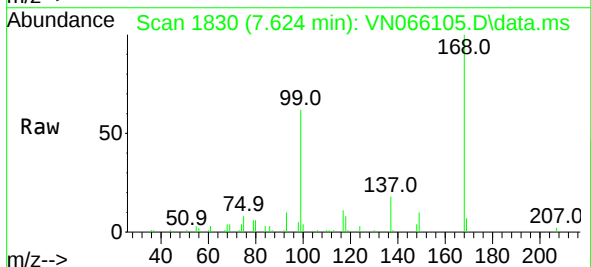


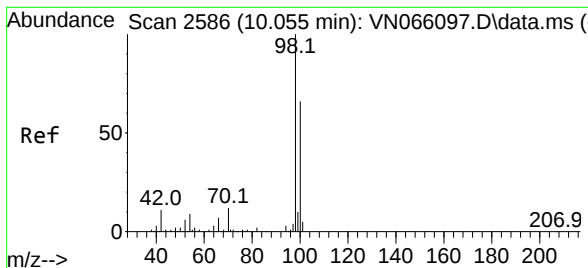
Tgt Ion: 75 Resp: 5779
Ion Ratio Lower Upper
75 100
110 3.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.02 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

Tgt Ion: 117 Resp: 7251
Ion Ratio Lower Upper
117 100
119 9.0 76.0 114.0#
121 0.0 24.5 36.7#

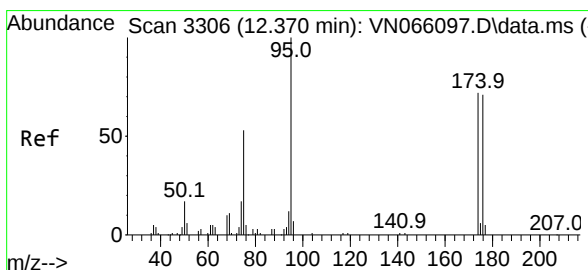
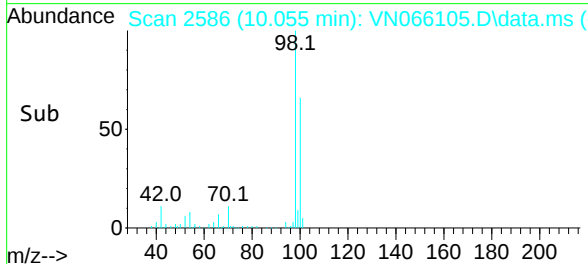
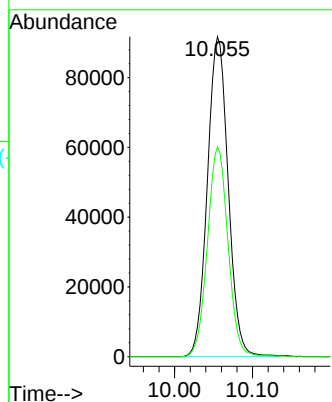
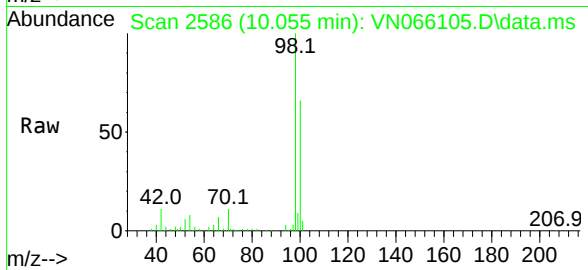




#50
Toluene-d8
Concen: 51.61 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.000 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

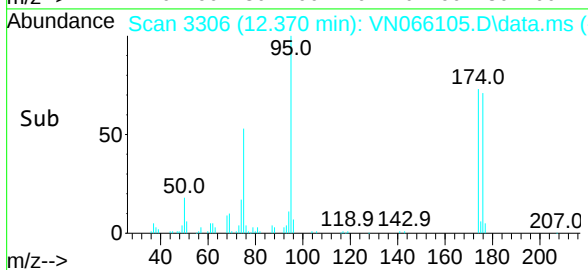
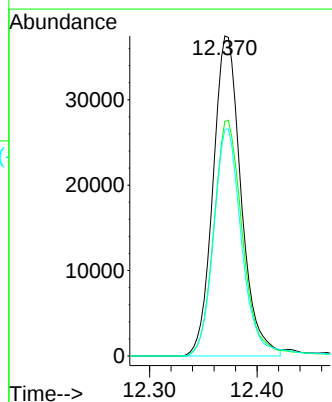
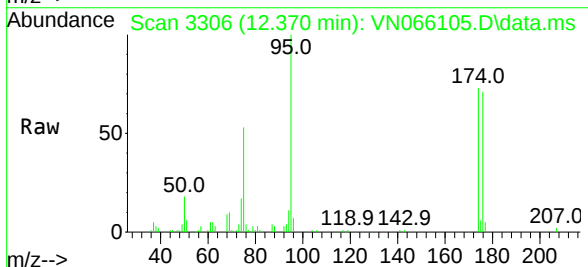
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MSVOA_N
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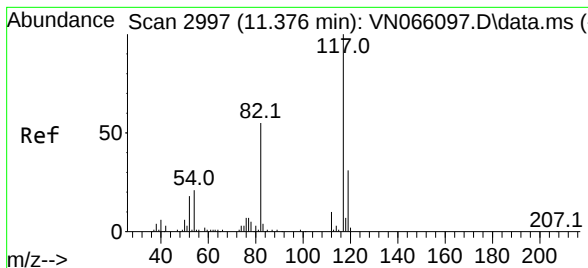
Tgt Ion: 98 Resp: 170108
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.30 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.000 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

Tgt Ion: 95 Resp: 67655
Ion Ratio Lower Upper
95 100
174 76.2 0.0 169.0
176 72.1 0.0 162.4

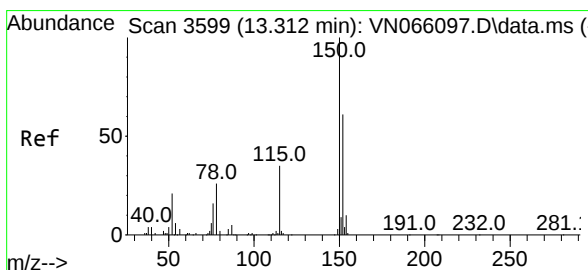
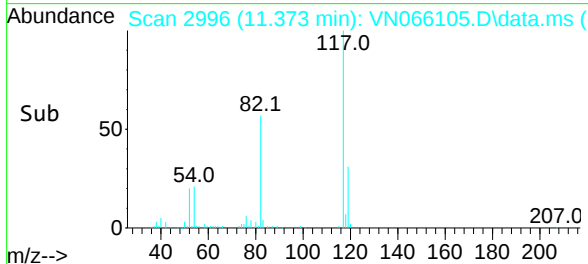
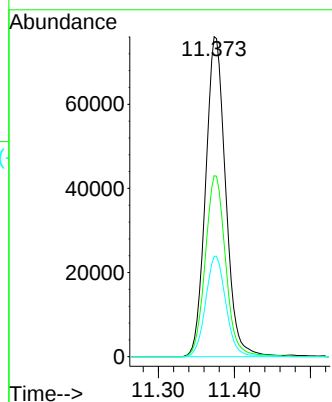
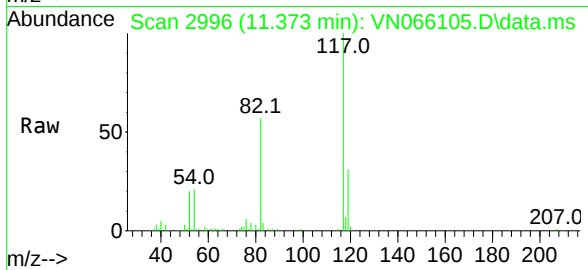




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.373 min Scan# 2996
Delta R.T. -0.003 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

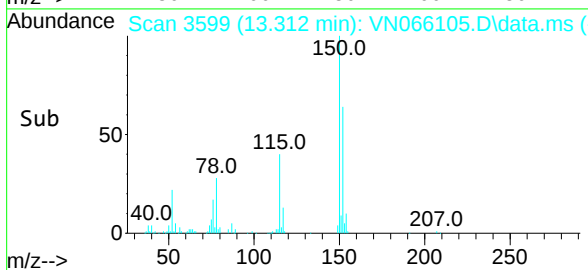
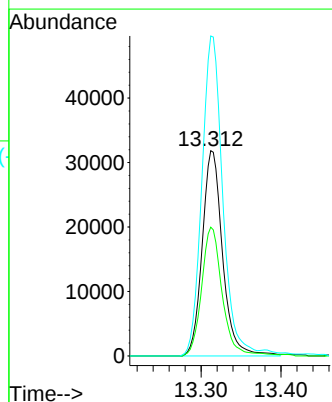
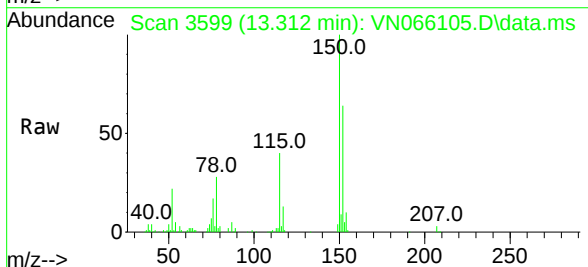
Instrument :
MSVOA_N
ClientSampled :

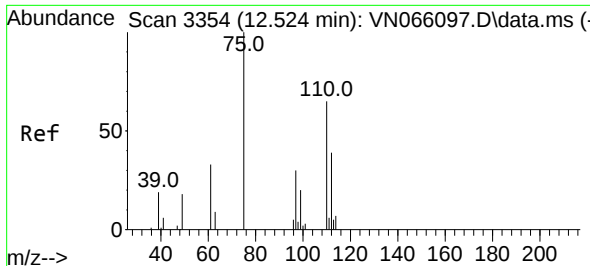
Tgt Ion:117 Resp: 139417
Ion Ratio Lower Upper
117 100
82 56.5 43.7 65.5
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

Tgt Ion:152 Resp: 56660
Ion Ratio Lower Upper
152 100
115 63.1 28.5 85.6
150 158.3 0.0 347.6

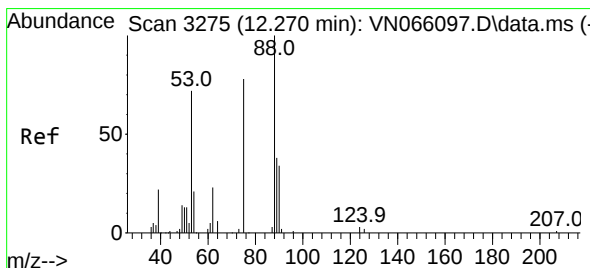
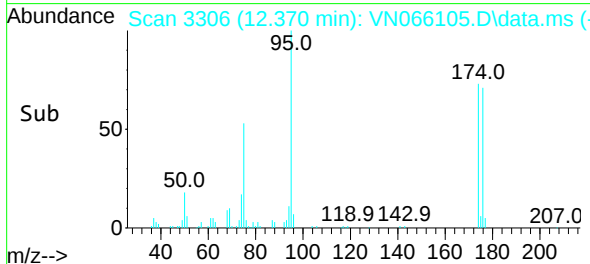
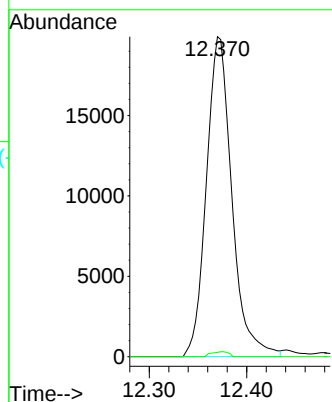
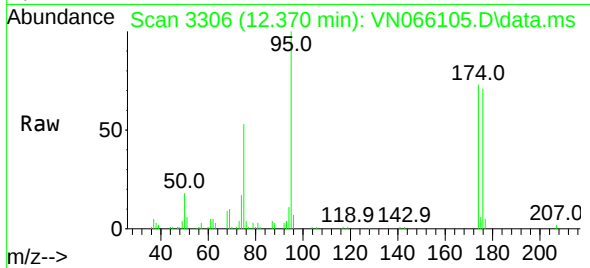




#76
1,2,3-Trichloropropane
Concen: 28.93 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

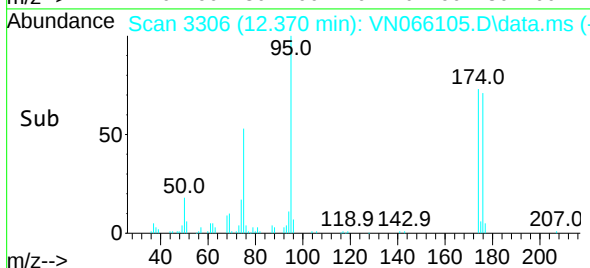
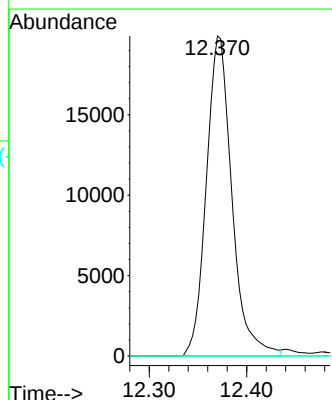
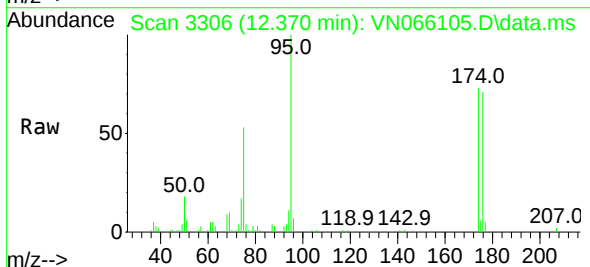
Instrument :
MSVOA_N
ClientSampleId :

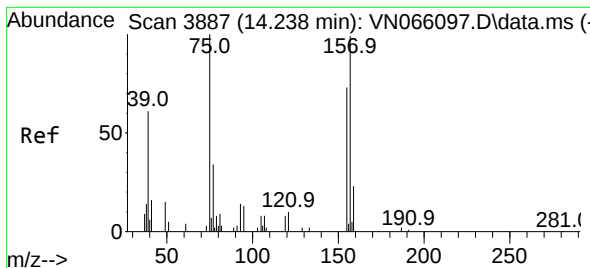
Tgt Ion: 75 Resp: 36195
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.13 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

Tgt Ion: 75 Resp: 36195
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

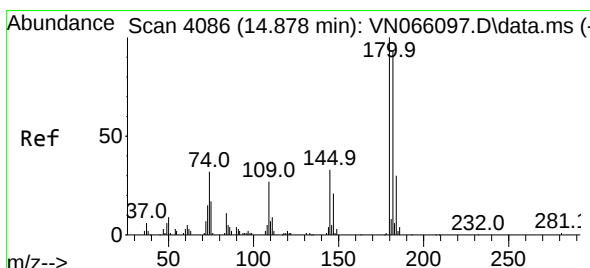
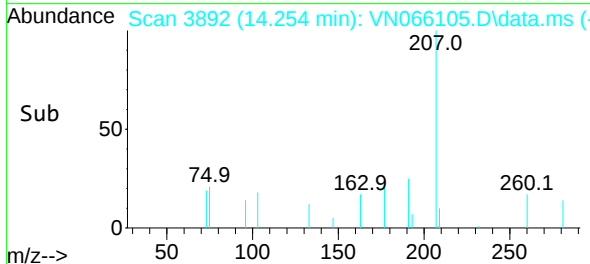
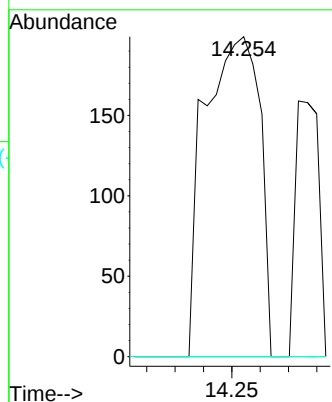
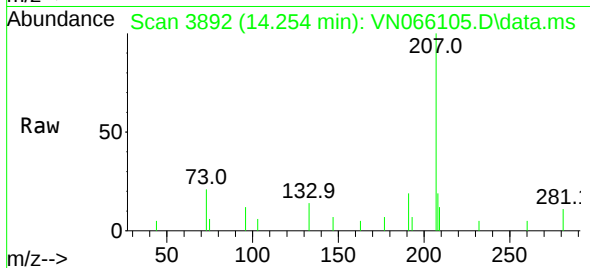




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.254 min Scan# 3892
Delta R.T. 0.016 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

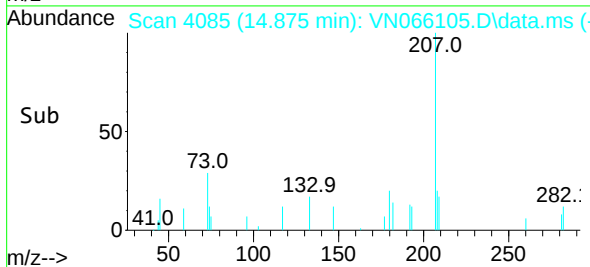
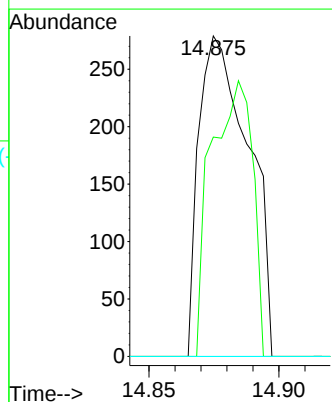
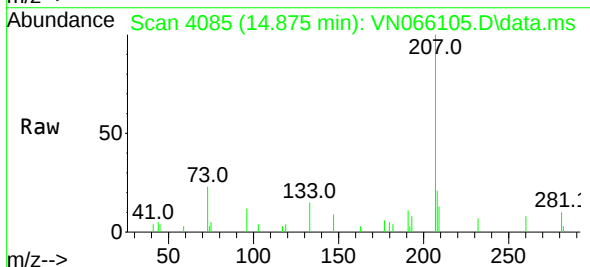
Instrument :
MSVOA_N
ClientSampled :

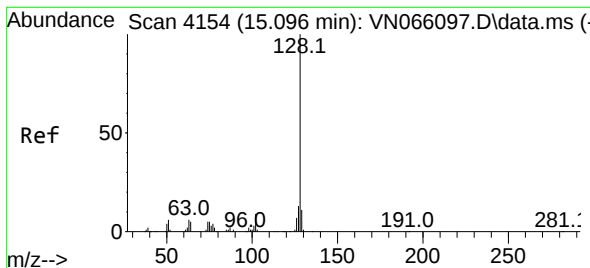
Tgt Ion: 75 Resp: 268
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.38 ug/l
RT: 14.875 min Scan# 4085
Delta R.T. -0.003 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

Tgt Ion: 180 Resp: 371
Ion Ratio Lower Upper
180 100
182 71.7 47.3 142.0
145 0.0 15.6 46.8#

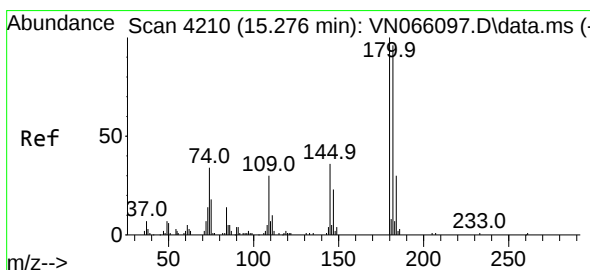
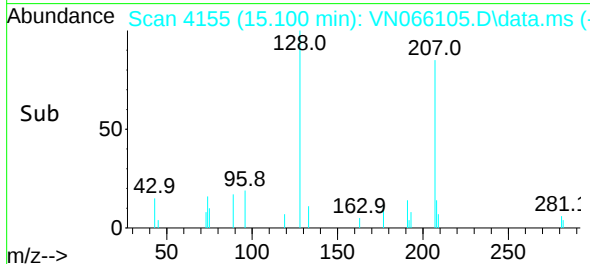
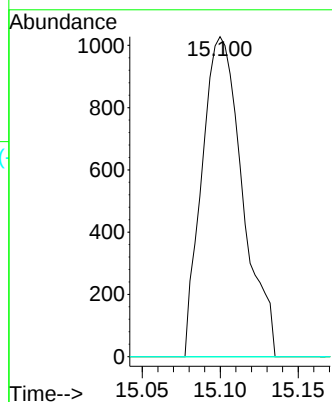
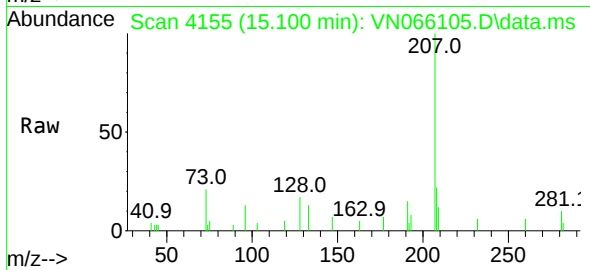




#95
Naphthalene
Concen: 0.59 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 1864
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: 0.41 ug/l
RT: 15.277 min Scan# 4210
Delta R.T. 0.001 min
Lab File: VN066105.D
Acq: 2 Mar 2021 17:51

Tgt Ion:180 Resp: 434
Ion Ratio Lower Upper
180 100
182 65.2 47.4 142.3
145 16.6 16.5 49.5

