

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066047.D
 Acq On : 26 Feb 2021 13:38
 Operator : JC/MD
 Sample : M1504-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-022521

Quant Time: Feb 26 23:32:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

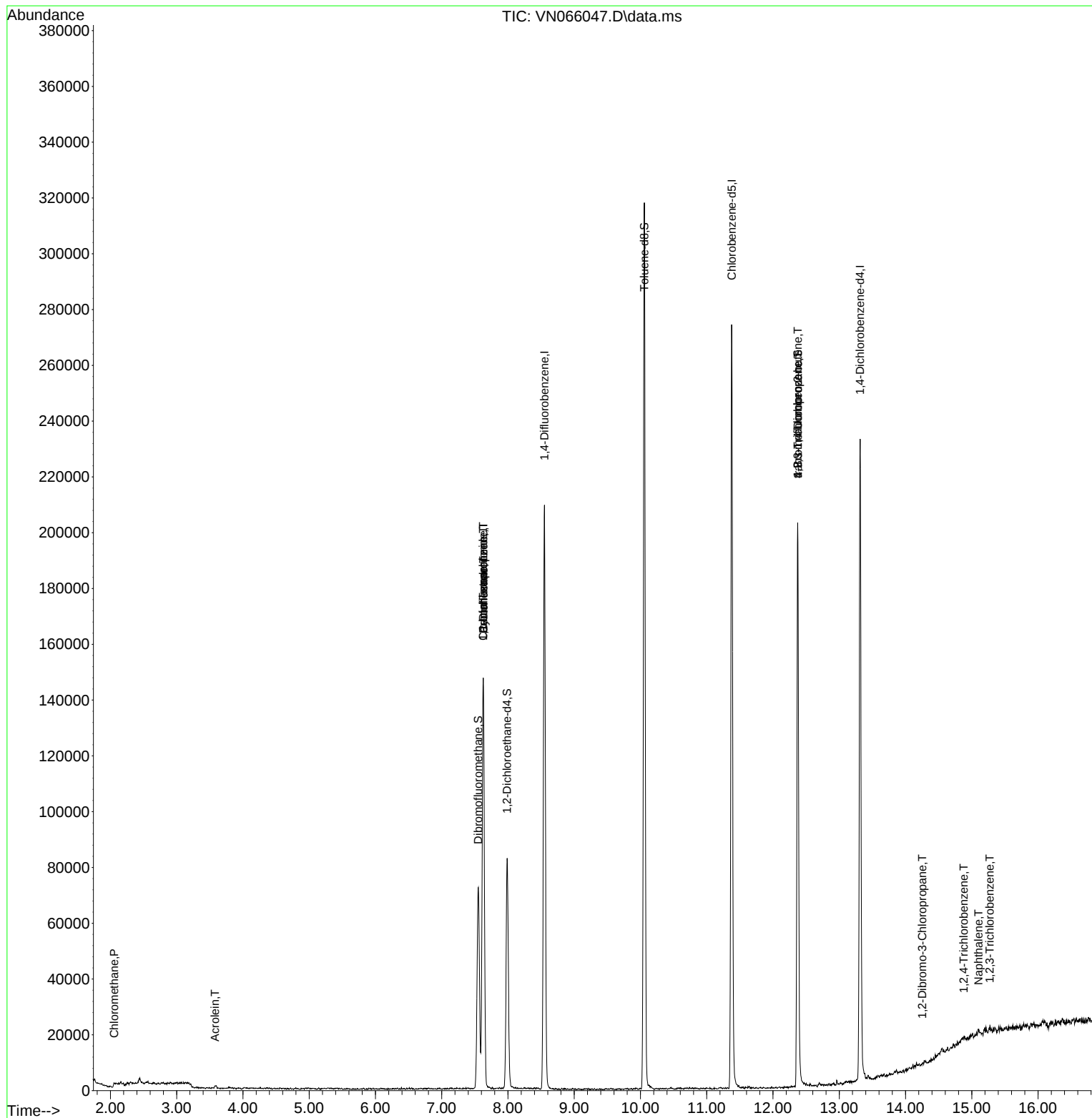
Internal Standards						
1) Pentafluorobenzene	7.627	168	118169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	189495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	167654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	66704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	78726	47.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.28%		
35) Dibromofluoromethane	7.550	113	57841	49.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.64%		
50) Toluene-d8	10.058	98	227760	47.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.62%		
62) 4-Bromofluorobenzene	12.373	95	80092	44.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.64%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	722	0.37	ug/l	94
13) Acrolein	3.579	56	589	2.80	ug/l #	12
16) Acetone	3.788	43	483	Below Cal	#	41
31) Cyclohexane	7.627	56	2341	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	9066	4.85	ug/l #	48
38) Carbon Tetrachloride	7.624	117	11843	6.82	ug/l #	16
76) 1,2,3-Trichloropropane	12.373	75	41468	25.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	41468	82.47	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.254	75	336	1.89	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.878	180	393	2.78	ug/l #	50
95) Naphthalene	15.103	128	1662	3.46	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.270	180	493	2.56	ug/l #	15

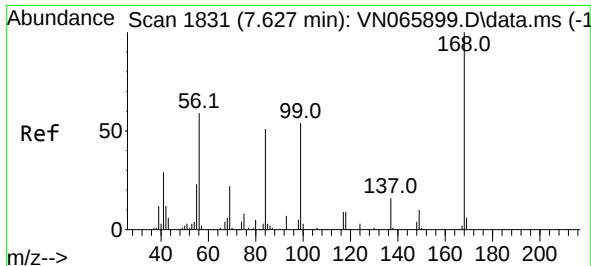
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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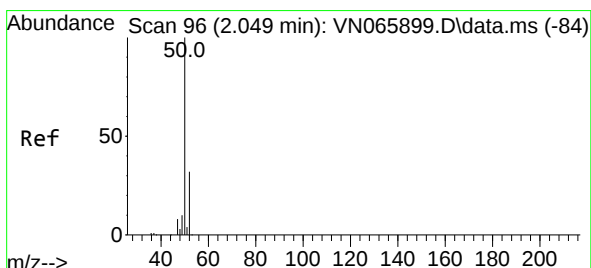
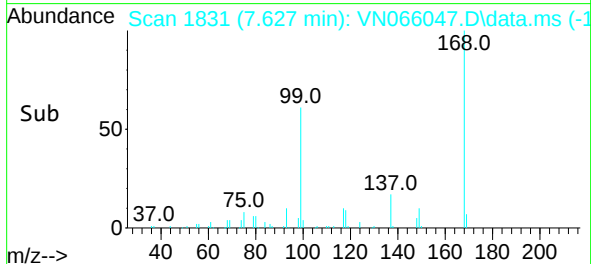
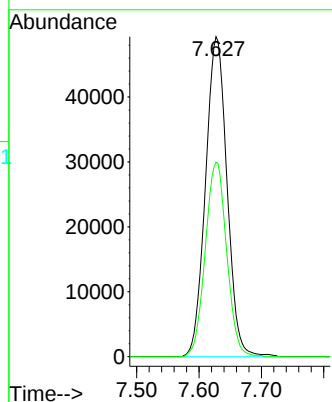
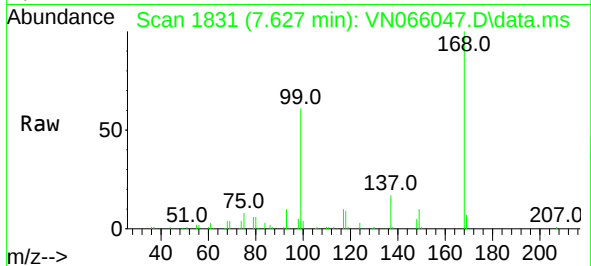




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

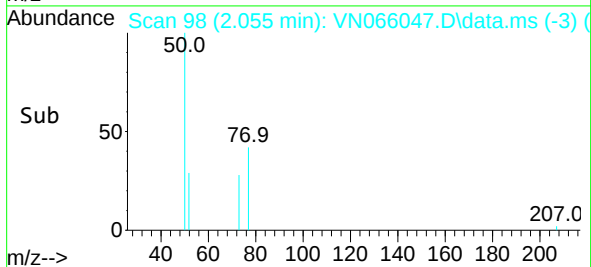
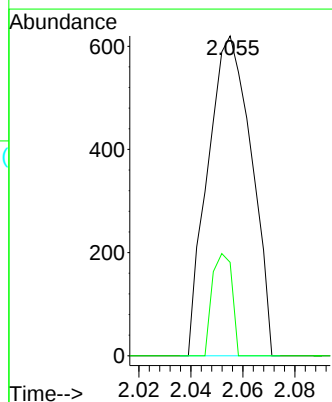
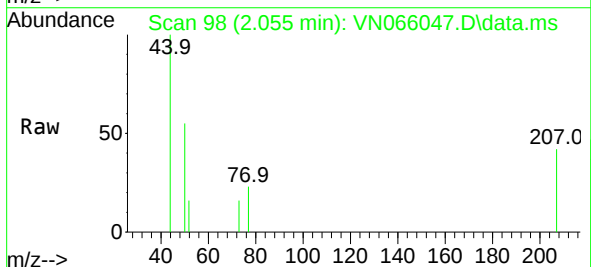
Instrument :
MSVOA_N
ClientSampleId :
TB-01-022521

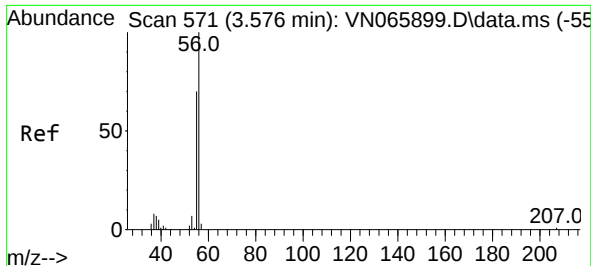
Tgt Ion:168 Resp: 118169
Ion Ratio Lower Upper
168 100
99 60.7 42.6 63.8



#3
Chloromethane
Concen: 0.37 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Tgt Ion: 50 Resp: 722
Ion Ratio Lower Upper
50 100
52 29.2 25.8 38.8

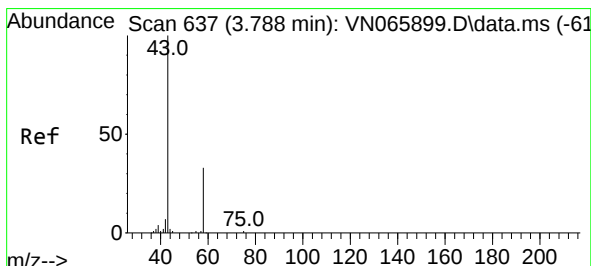
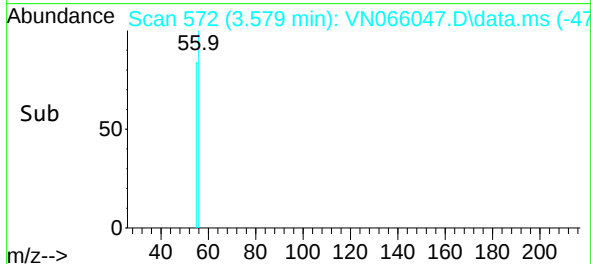
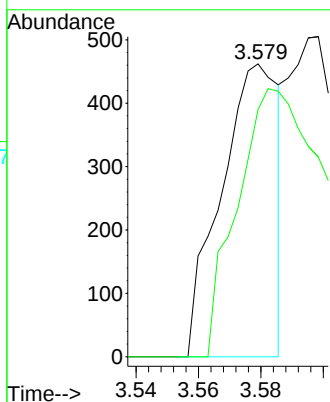
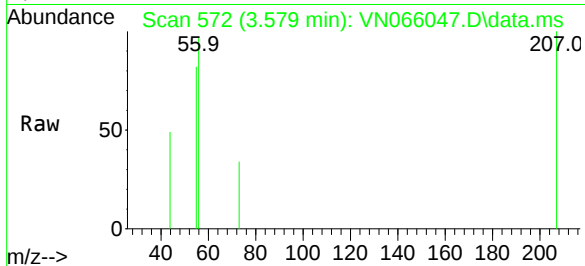




#13
Acrolein
Concen: 2.80 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.003 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

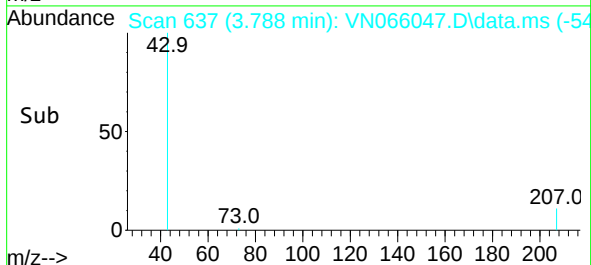
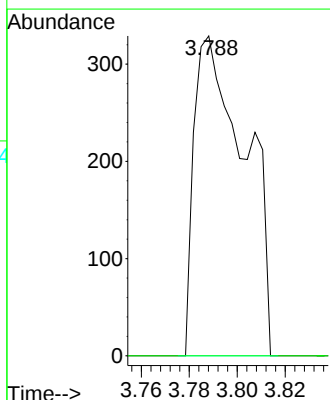
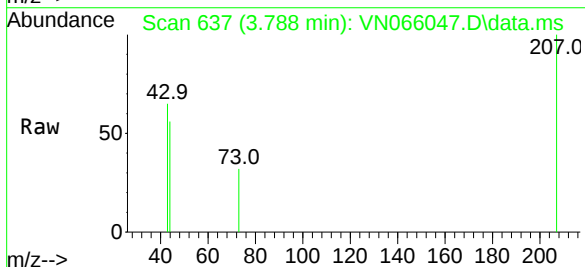
Instrument :
MSVOA_N
ClientSampled :
TB-01-022521

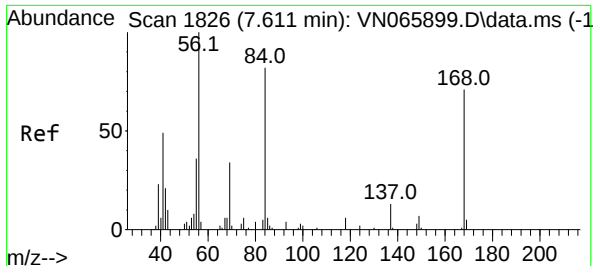
Tgt Ion: 56 Resp: 589
Ion Ratio Lower Upper
56 100
55 142.4 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

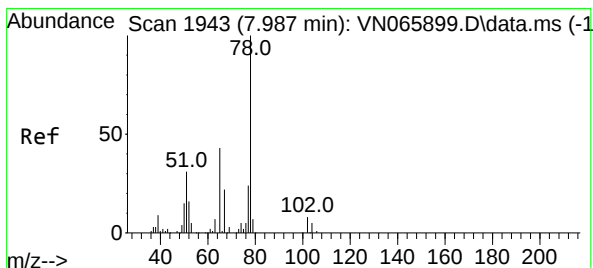
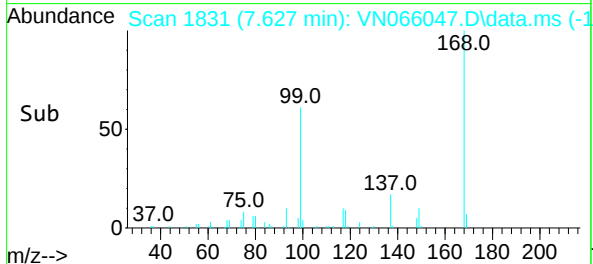
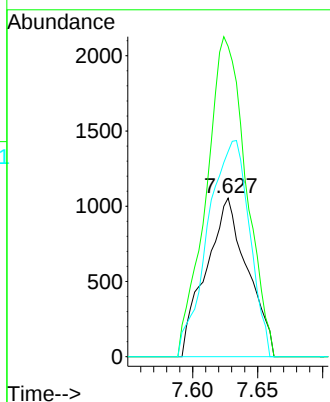
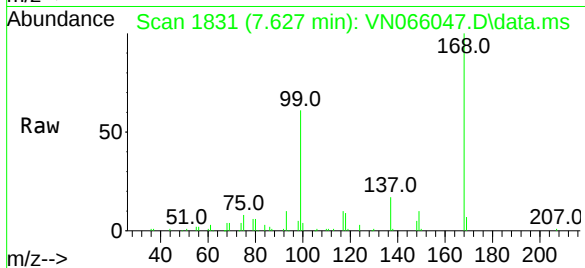




#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

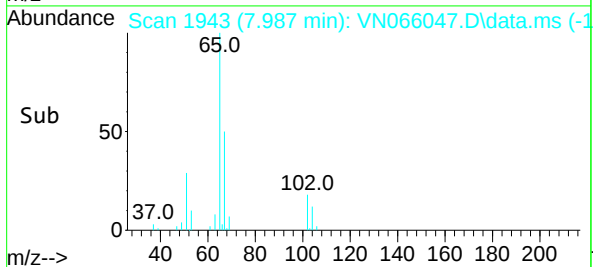
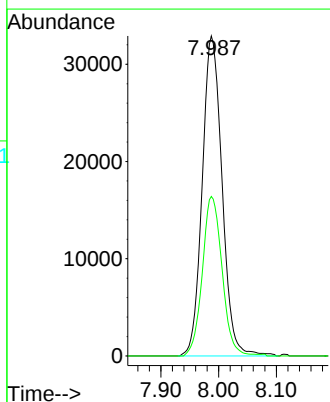
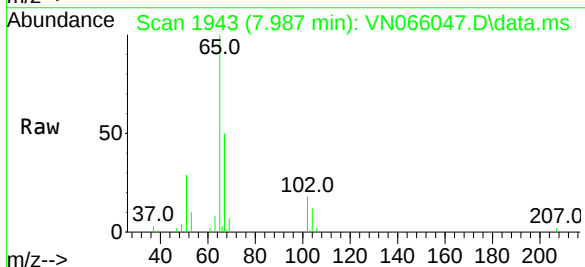
Instrument :
MSVOA_N
ClientSampled :
TB-01-022521

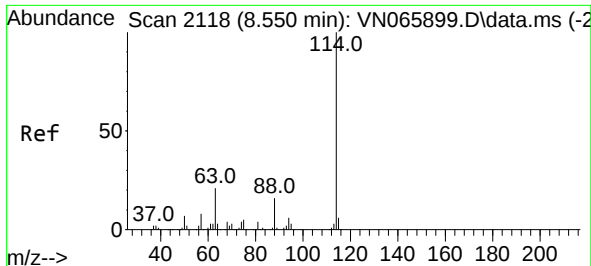
Tgt Ion: 56 Resp: 2341
Ion Ratio Lower Upper
56 100
69 195.6 26.6 39.8#
84 129.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.64 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Tgt Ion: 65 Resp: 78726
Ion Ratio Lower Upper
65 100
67 49.5 0.0 107.2

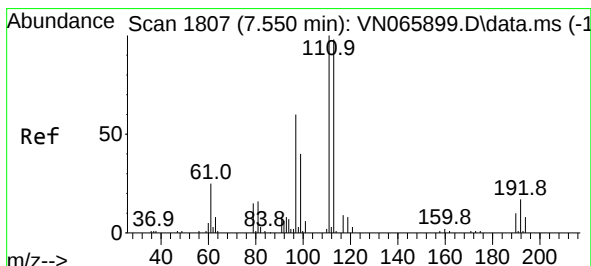
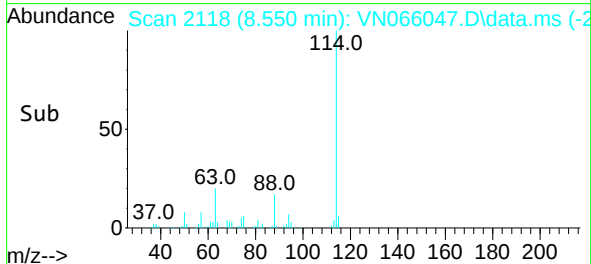
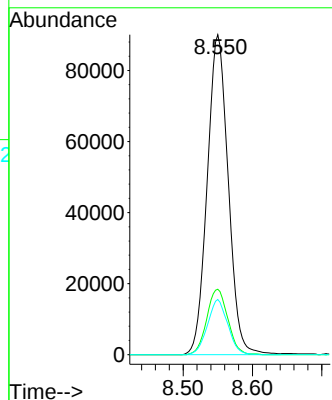
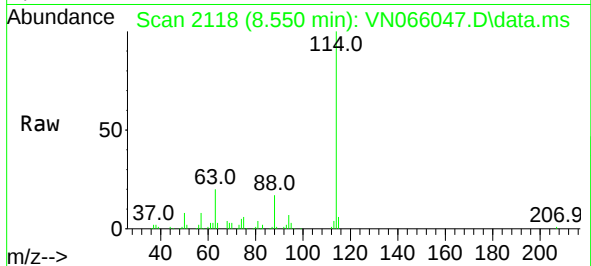




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

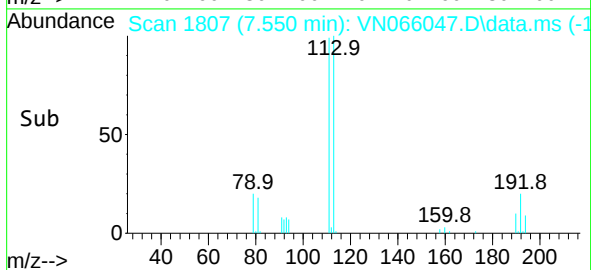
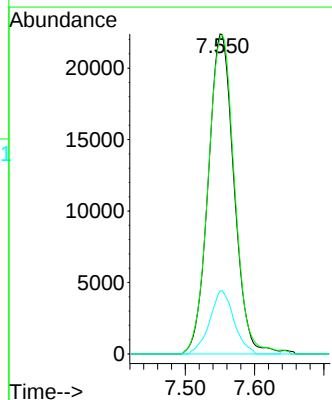
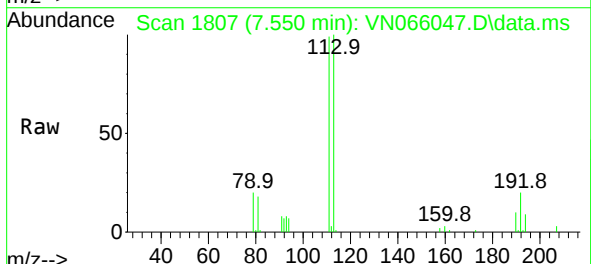
Instrument :
MSVOA_N
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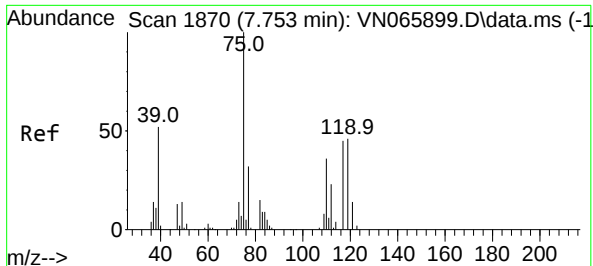
Tgt Ion:	114	Resp:	189495
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	38.6
88	17.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.32 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Tgt Ion:	113	Resp:	57841
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.2	123.2
192	18.7	15.4	23.0



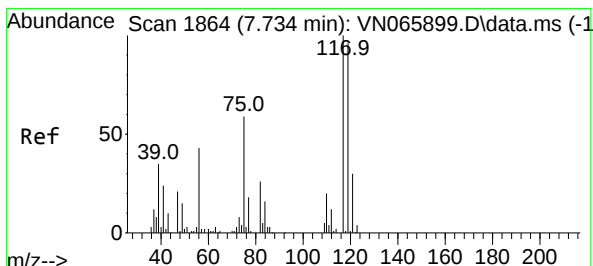
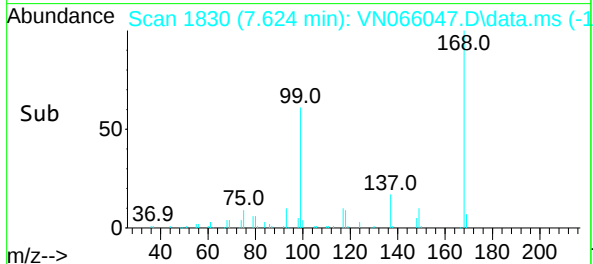
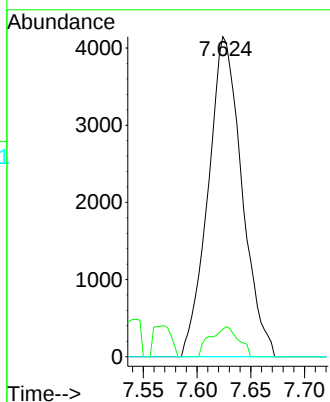
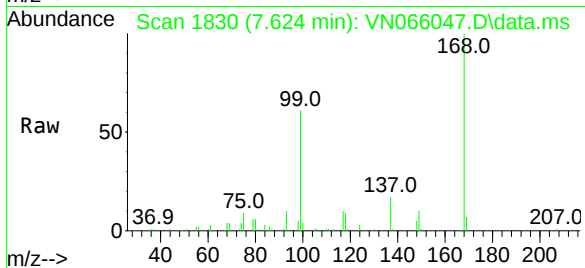


#36

1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Instrument :
MSVOA_N
ClientSampled :
TB-01-022521

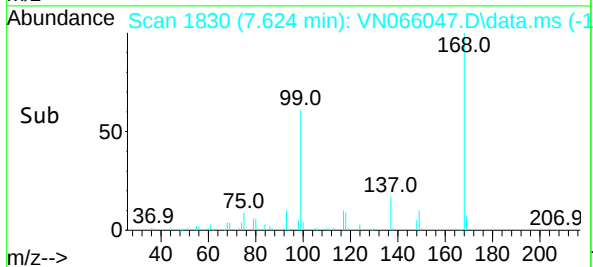
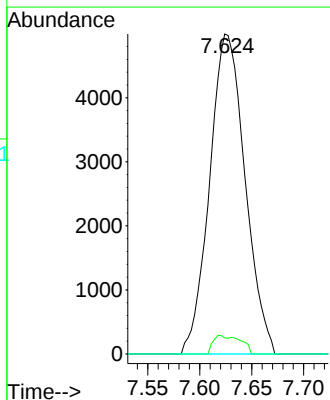
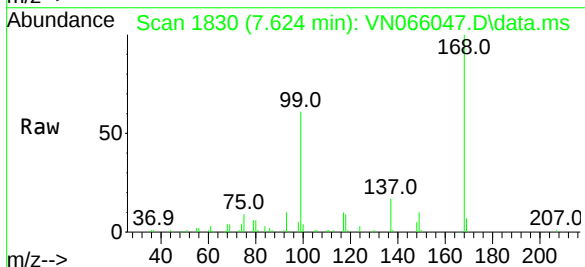
Tgt Ion:	75	Resp:	9066
Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.2	54.6#
77	0.0	24.9	37.3#

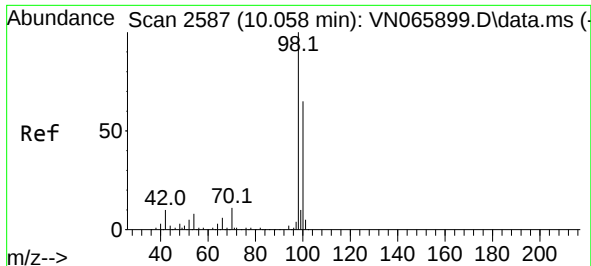


#38

Carbon Tetrachloride
Concen: 6.82 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Tgt Ion:	117	Resp:	11843
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.0	114.0#
121	0.0	24.5	36.7#

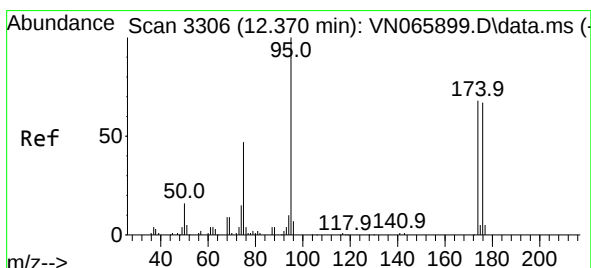
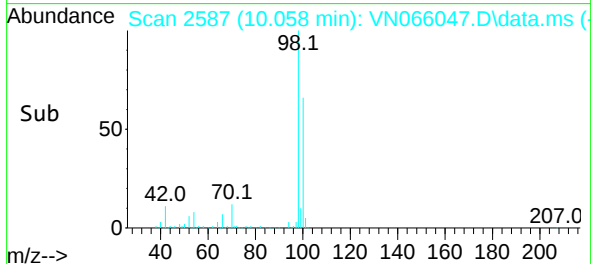
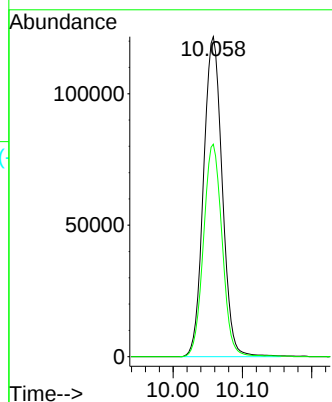
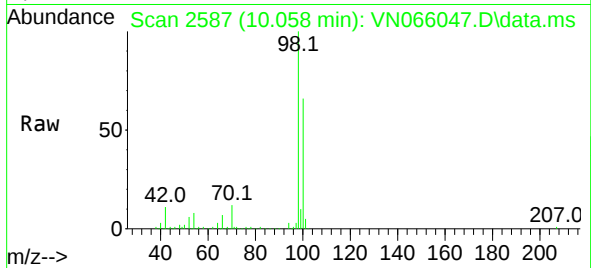




#50
Toluene-d8
Concen: 47.31 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

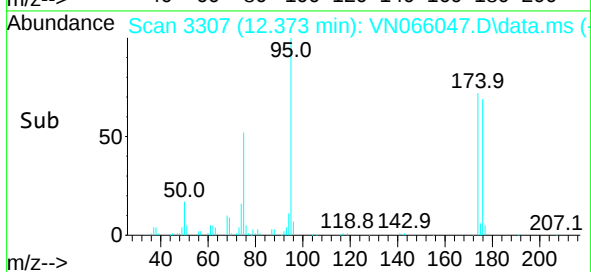
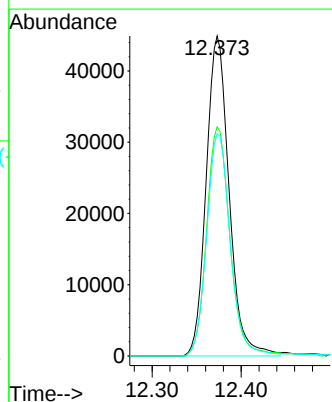
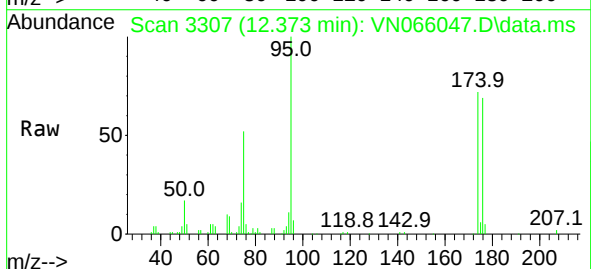
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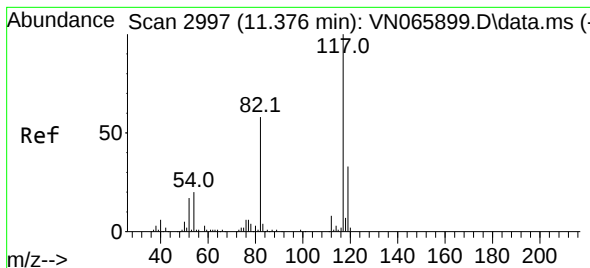
Tgt Ion: 98 Resp: 227760
Ion Ratio Lower Upper
98 100
100 66.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.32 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Tgt Ion: 95 Resp: 80092
Ion Ratio Lower Upper
95 100
174 73.2 0.0 169.0
176 71.2 0.0 162.4

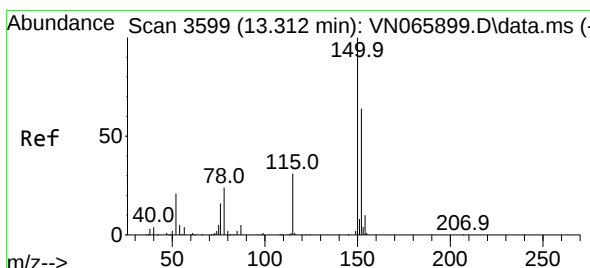
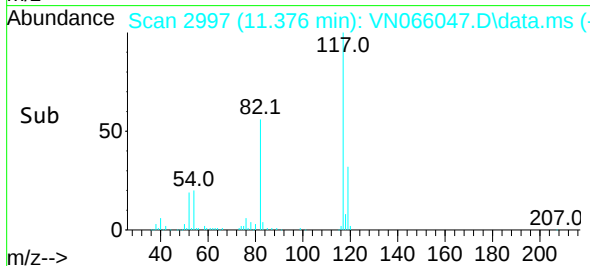
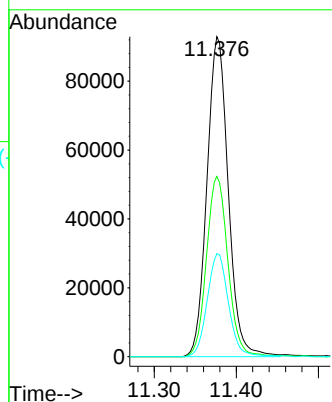
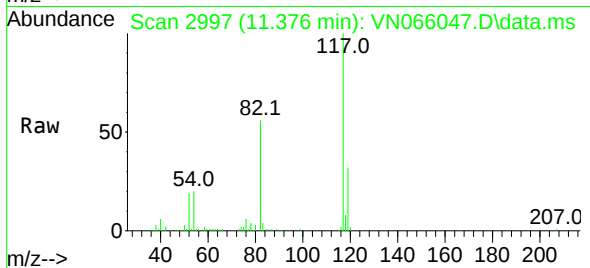




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

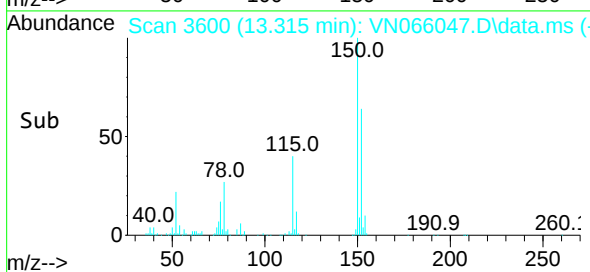
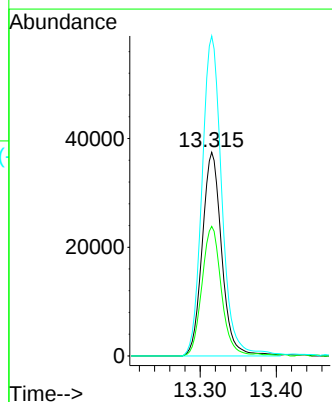
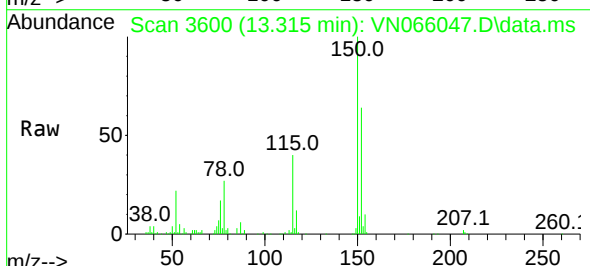
Instrument :
MSVOA_N
ClientSampled :
TB-01-022521

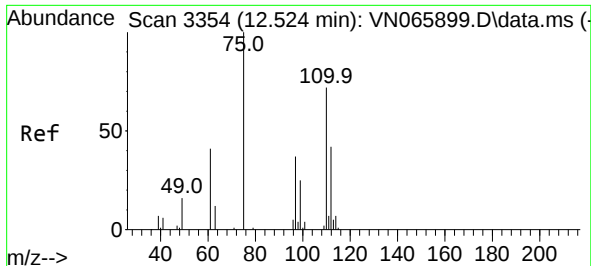
Tgt Ion:117 Resp: 167654
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Tgt Ion:152 Resp: 66704
Ion Ratio Lower Upper
152 100
115 63.1 28.5 85.6
150 159.7 0.0 347.6

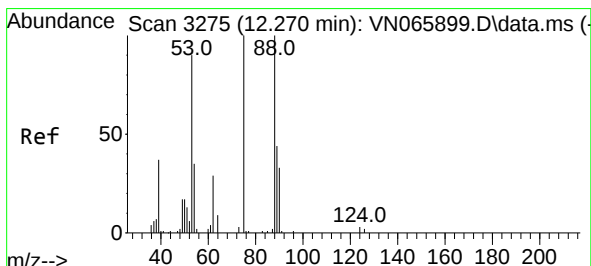
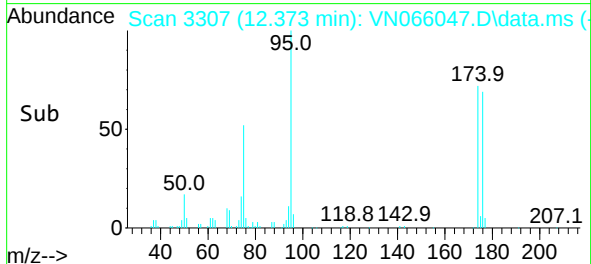
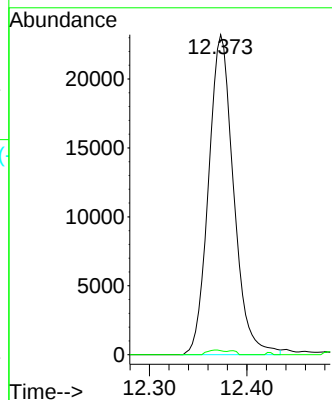
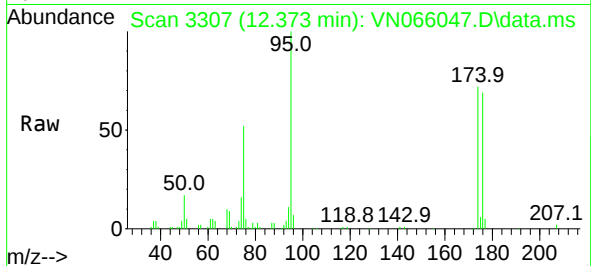




#76
1,2,3-Trichloropropane
Concen: 25.88 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

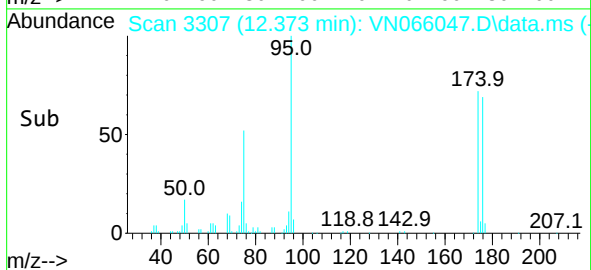
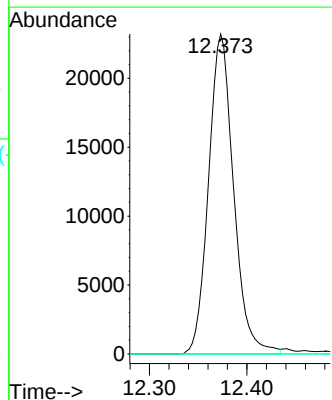
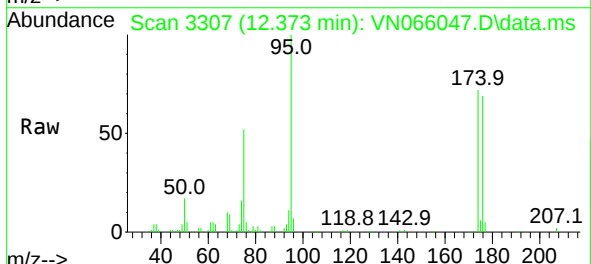
Instrument :
MSVOA_N
ClientSampleId :
TB-01-022521

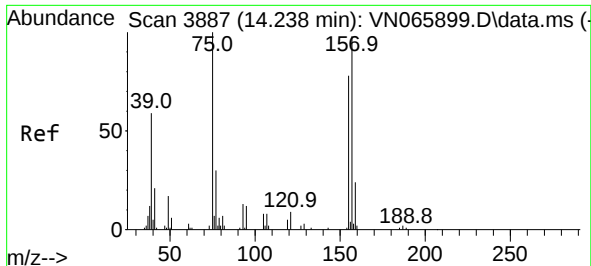
Tgt Ion: 75 Resp: 41468
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.47 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Tgt Ion: 75 Resp: 41468
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

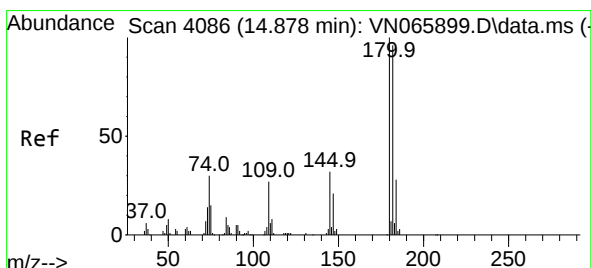
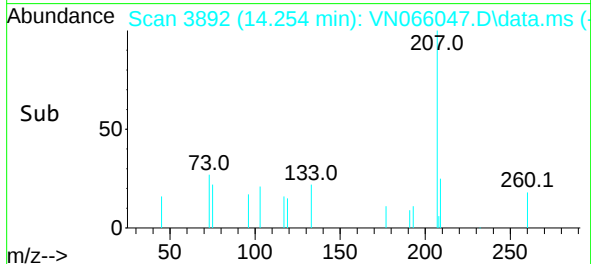
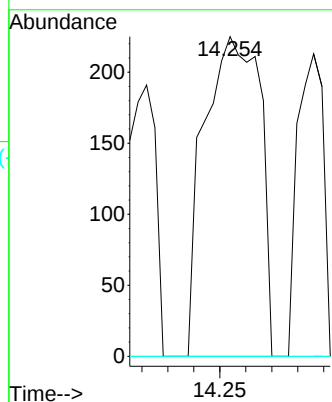
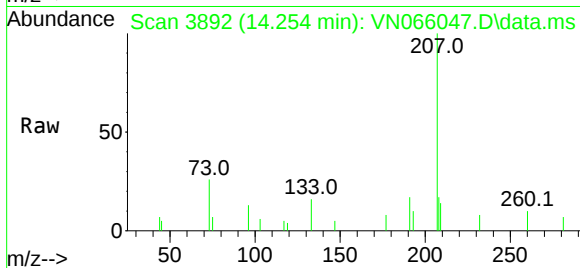




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.89 ug/l
 RT: 14.254 min Scan# 3892
 Delta R.T. 0.016 min
 Lab File: VN066047.D
 Acq: 26 Feb 2021 13:38

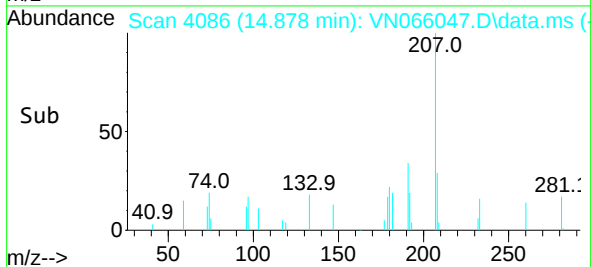
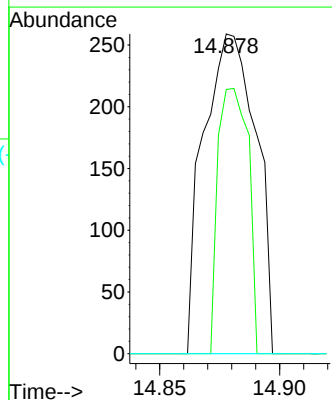
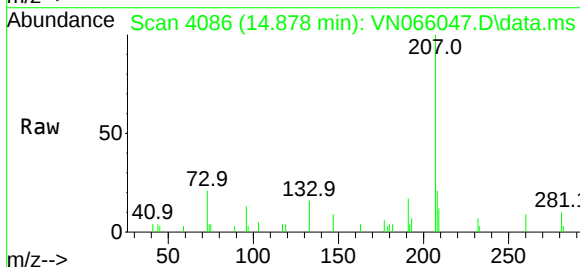
Instrument :
 MSVOA_N
 ClientSampled :
 TB-01-022521

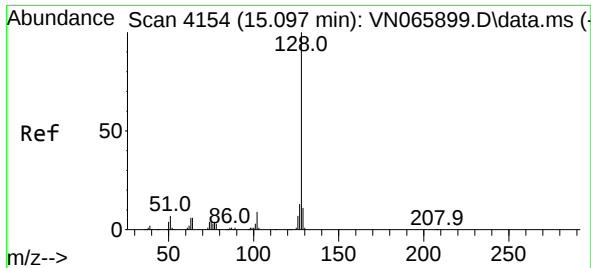
Tgt Ion: 75 Resp: 336
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.78 ug/l
 RT: 14.878 min Scan# 4086
 Delta R.T. -0.000 min
 Lab File: VN066047.D
 Acq: 26 Feb 2021 13:38

Tgt Ion:180 Resp: 393
 Ion Ratio Lower Upper
 180 100
 182 47.8 47.3 142.0
 145 0.0 15.6 46.8#

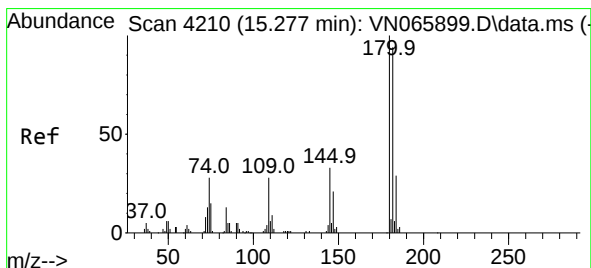
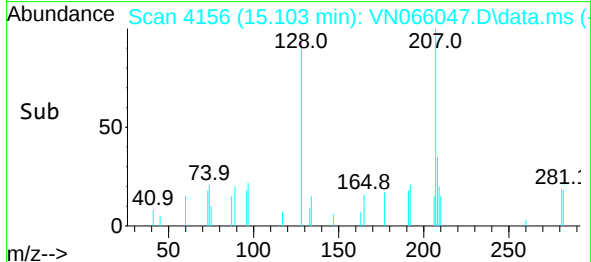
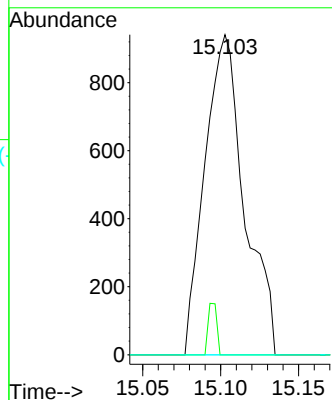
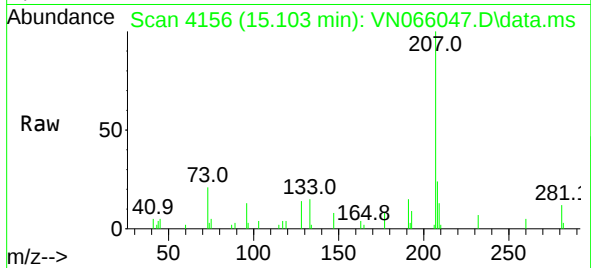




#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.006 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Instrument :
MSVOA_N
ClientSampled :
TB-01-022521

Tgt Ion:128 Resp: 1662
Ion Ratio Lower Upper
128 100
127 3.5 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.56 ug/l
RT: 15.270 min Scan# 4208
Delta R.T. -0.007 min
Lab File: VN066047.D
Acq: 26 Feb 2021 13:38

Tgt Ion:180 Resp: 493
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 6.1 16.5 49.5#

