

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066476.D
 Acq On : 2 Apr 2021 18:38
 Operator : JC/MD
 Sample : M1910-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-4121

Quant Time: Apr 03 03:25:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

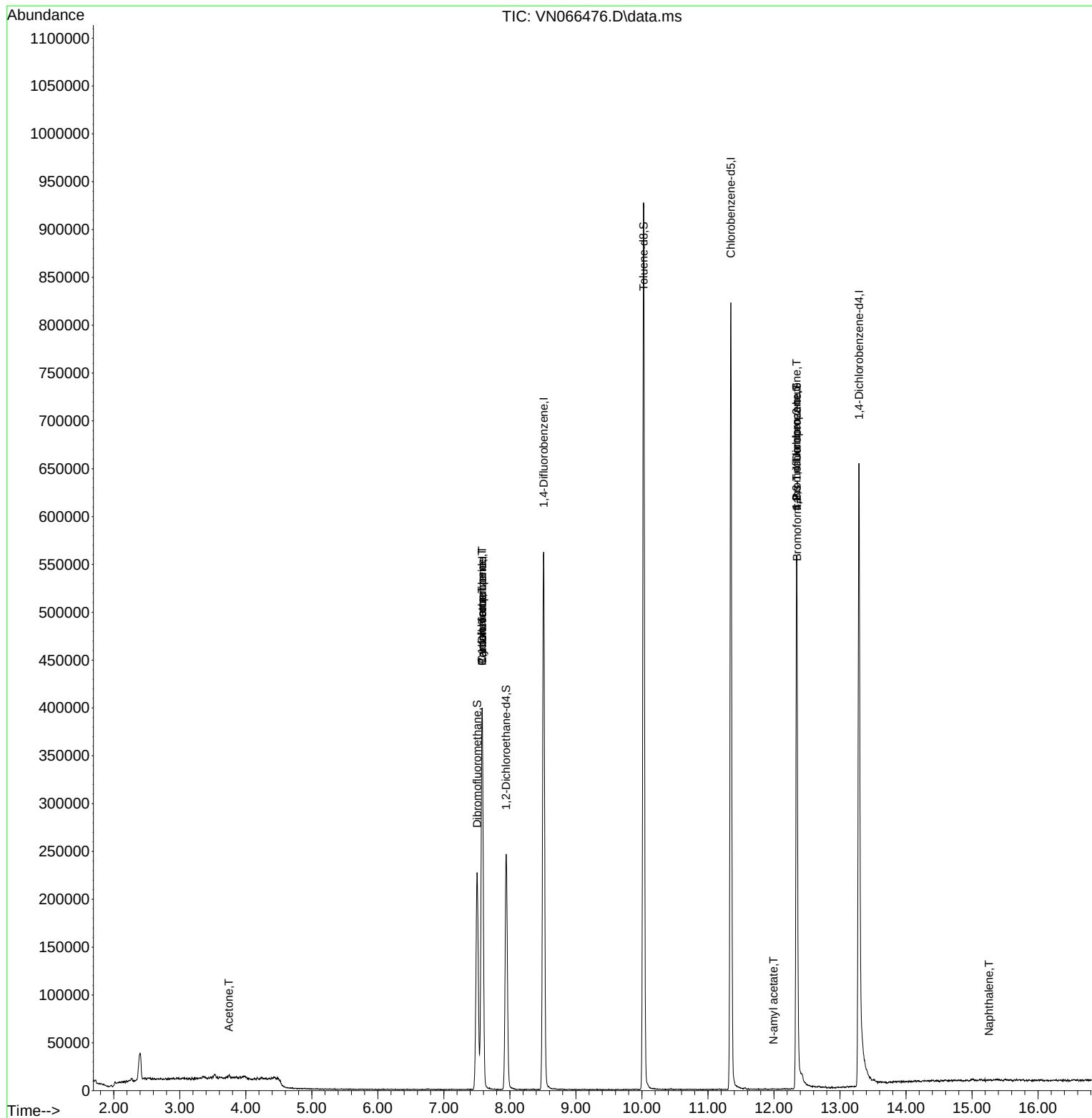
Internal Standards						
1) Pentafluorobenzene	7.582	168	338668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	503983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	475903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	222290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	212447	47.19	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.38%		
35) Dibromofluoromethane	7.504	113	168125	50.32	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.64%		
50) Toluene-d8	10.025	98	625186	49.33	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.66%		
62) 4-Bromofluorobenzene	12.345	95	196071	44.54	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.08%		
Target Compounds						Qvalue
3) Chloromethane	2.017	50	2162	Below Cal	#	80
13) Acrolein	3.521	56	3041	Below Cal		96
16) Acetone	3.744	43	2138	0.88	ug/l	91
20) Methylene Chloride	4.463	84	204	Below Cal	#	11
31) Cyclohexane	7.579	56	6694	1.07	ug/l	# 1
36) 1,1-Dichloropropene	7.579	75	24365	5.15	ug/l	# 48
38) Carbon Tetrachloride	7.582	117	30292	6.36	ug/l	# 16
71) Bromoform	12.350	173	1948	0.64	ug/l	# 1
74) N-amyl acetate	11.994	43	26	3.20	ug/l	# 45
76) 1,2,3-Trichloropropane	12.345	75	100144	20.53	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.345	75	100144	61.74	ug/l	# 12
95) Naphthalene	15.258	128	56	1.05	ug/l	# 69

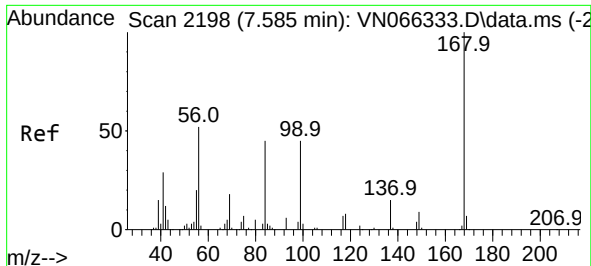
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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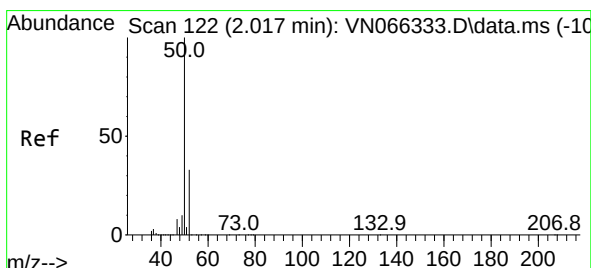
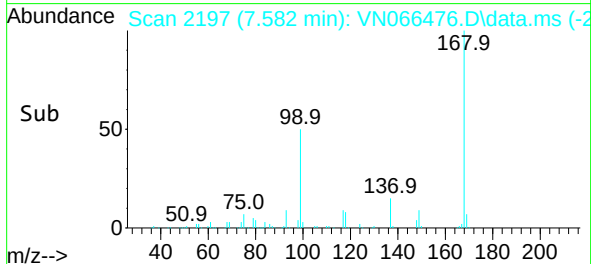
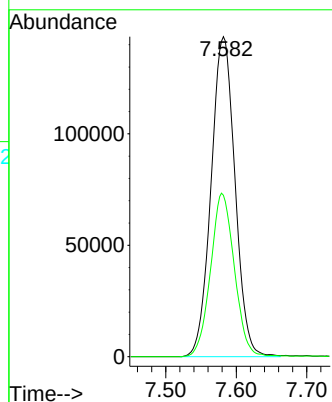
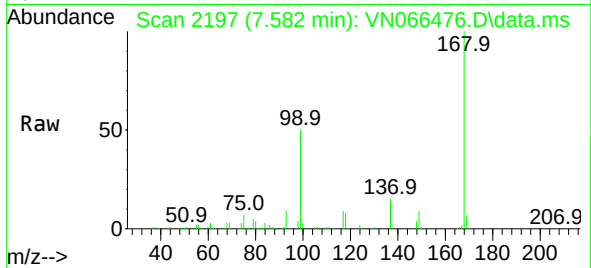




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

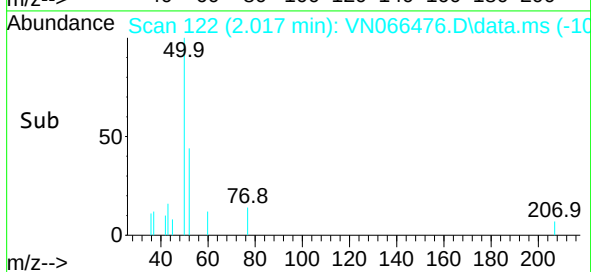
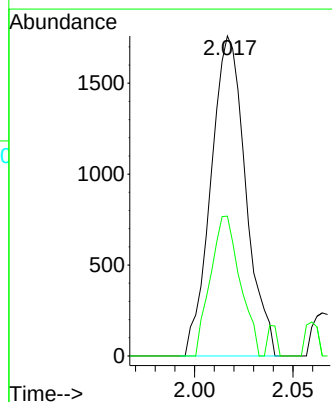
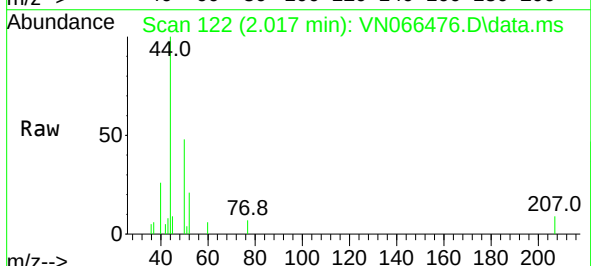
Instrument :
MSVOA_N
ClientSampled :
TB-4121

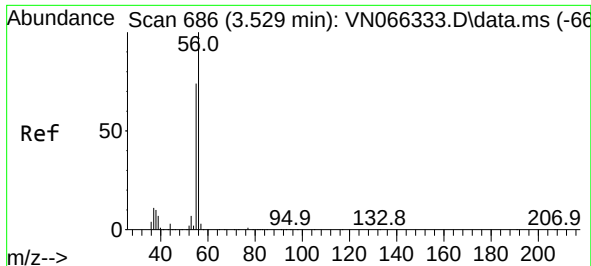
Tgt Ion:168 Resp: 338668
Ion Ratio Lower Upper
168 100
99 50.4 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Tgt Ion: 50 Resp: 2162
Ion Ratio Lower Upper
50 100
52 43.7 26.2 39.2#

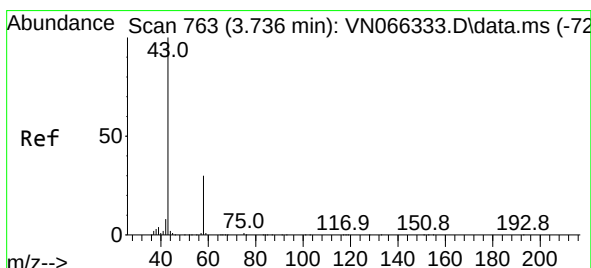
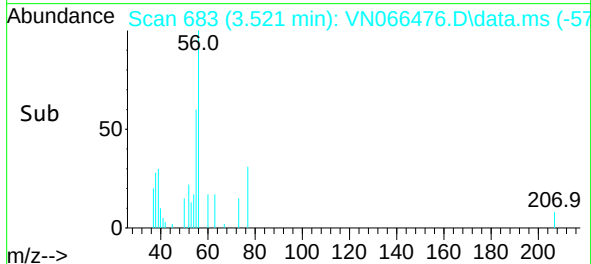
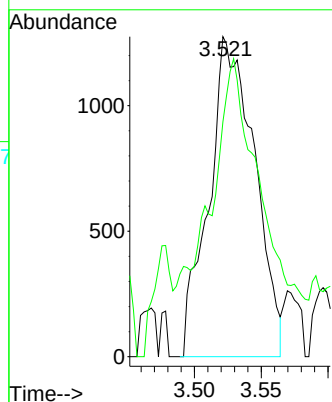
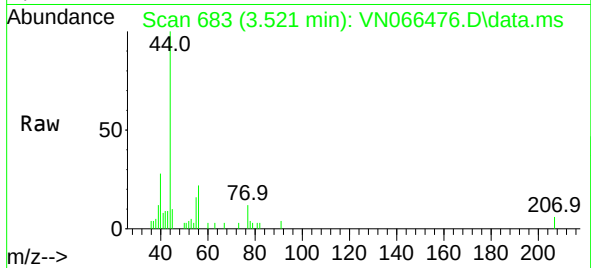




#13
Acrolein
Concen: Below Cal
RT: 3.521 min Scan# 683
Delta R.T. -0.006 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

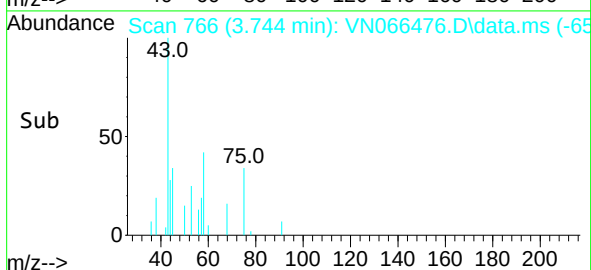
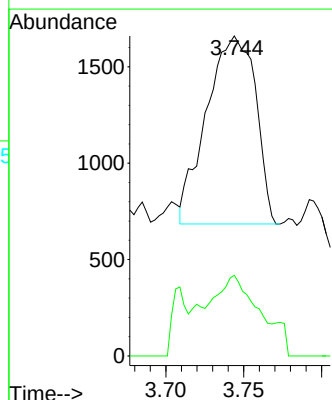
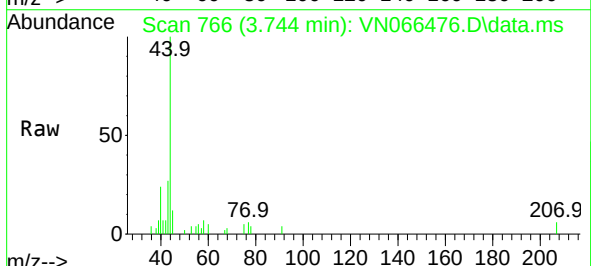
Instrument :
MSVOA_N
ClientSampleId :
TB-4121

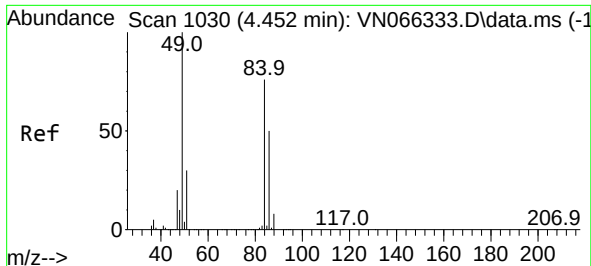
Tgt Ion: 56 Resp: 3041
Ion Ratio Lower Upper
56 100
55 69.2 57.9 86.9



#16
Acetone
Concen: 0.88 ug/l
RT: 3.744 min Scan# 766
Delta R.T. 0.011 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

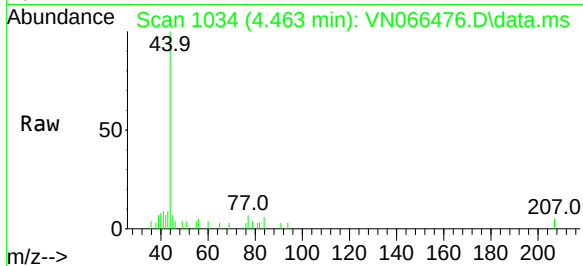
Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
58 25.0 23.8 35.8





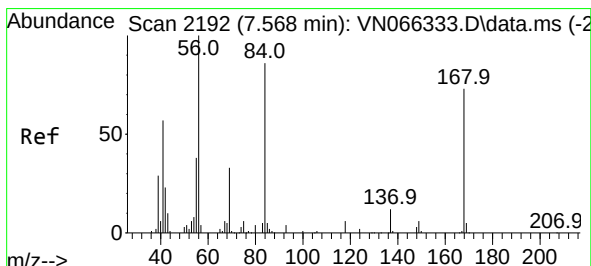
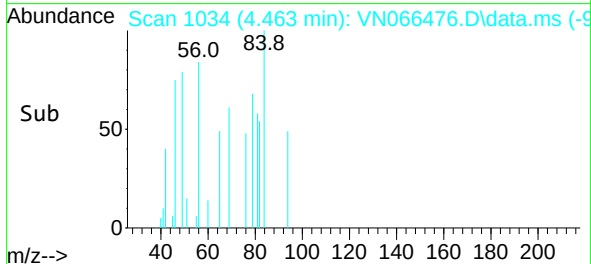
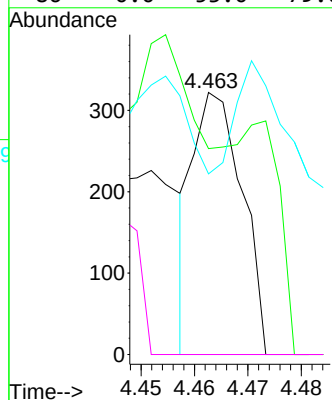
#20
Methylene Chloride
Concen: Below Cal
RT: 4.463 min Scan# 1034
Delta R.T. 0.016 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Instrument :
MSVOA_N
ClientSampleId :
TB-4121



Tgt Ion: 84 Resp: 204

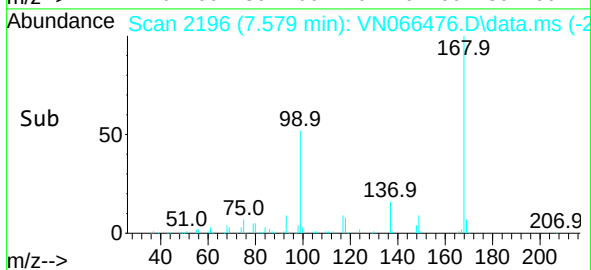
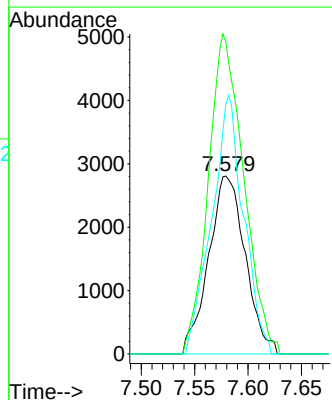
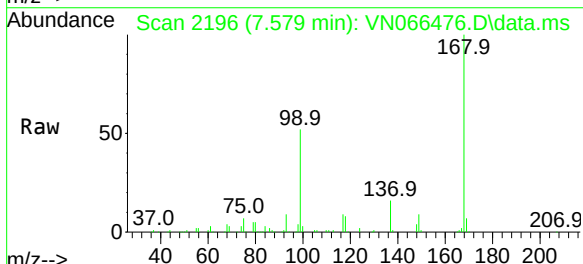
Ion	Ratio	Lower	Upper
84	100		
49	14.3	105.0	157.6#
51	0.0	31.6	47.4#
86	0.0	53.0	79.6#

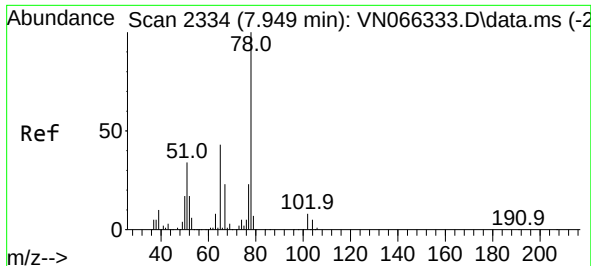


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.013 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Tgt Ion: 56 Resp: 6694

Ion	Ratio	Lower	Upper
56	100		
69	175.4	26.6	40.0#
84	140.4	68.7	103.1#

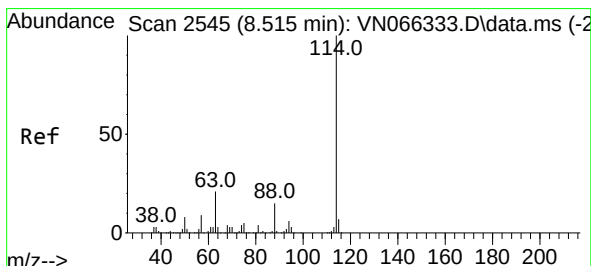
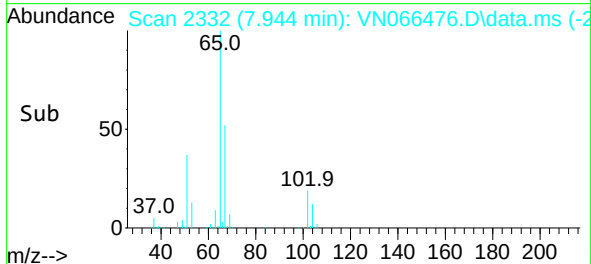
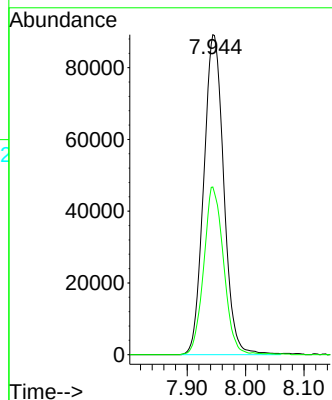
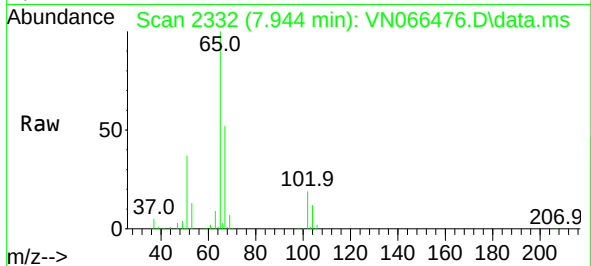




#33
 1,2-Dichloroethane-d4
 Concen: 47.19 ug/l
 RT: 7.944 min Scan# 2332
 Delta R.T. -0.000 min
 Lab File: VN066476.D
 Acq: 2 Apr 2021 18:38

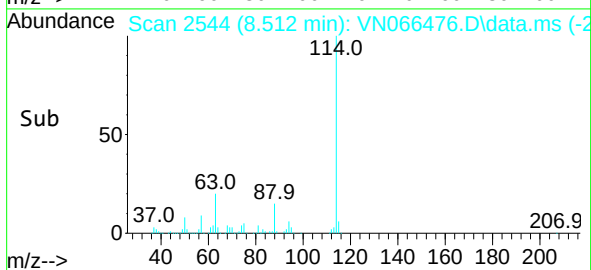
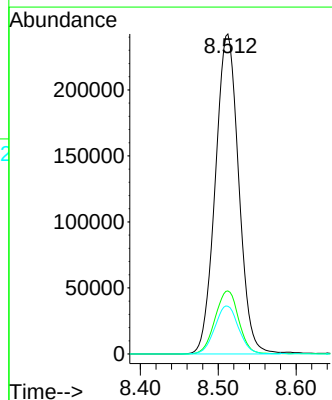
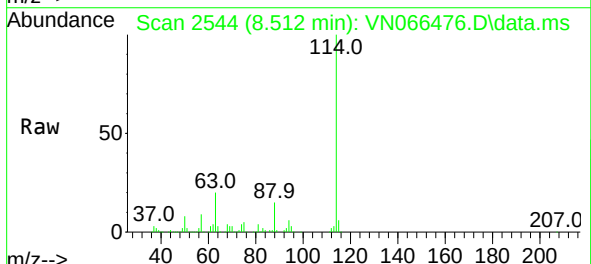
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-4121

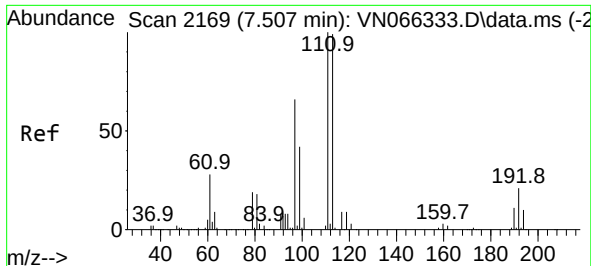
Tgt Ion: 65 Resp: 212447
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.512 min Scan# 2544
 Delta R.T. 0.003 min
 Lab File: VN066476.D
 Acq: 2 Apr 2021 18:38

Tgt Ion: 114 Resp: 503983
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.0
 88 14.9 0.0 31.0

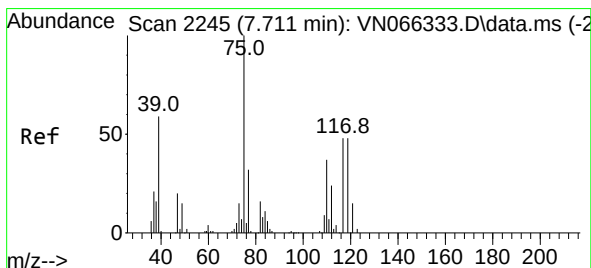
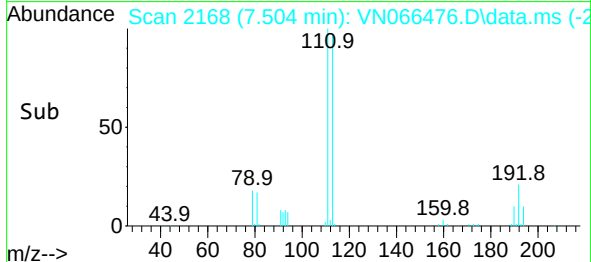
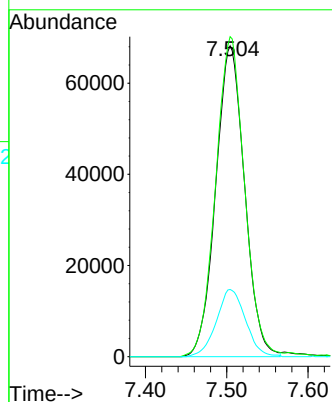
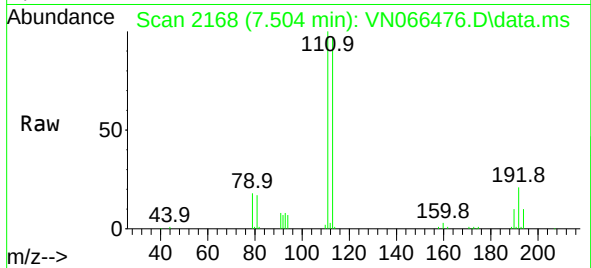




#35
Dibromofluoromethane
Concen: 50.32 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.003 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

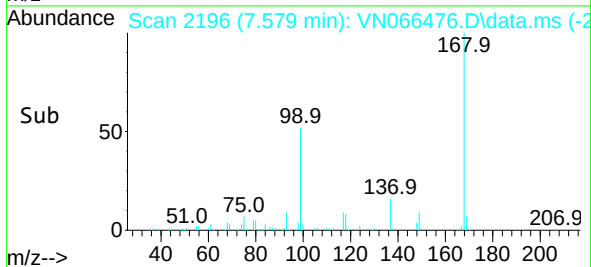
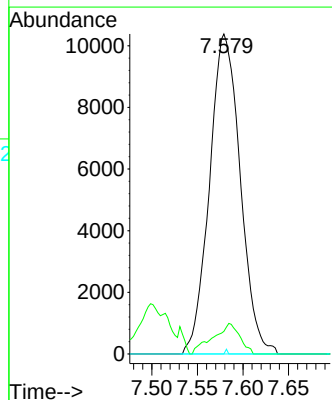
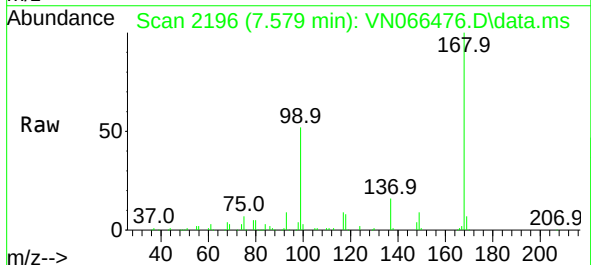
Instrument :
MSVOA_N
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TB-4121

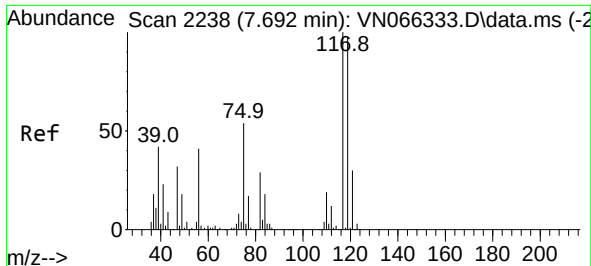
Tgt Ion:113 Resp: 168125
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 21.9 17.1 25.7



#36
1,1-Dichloropropene
Concen: 5.15 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.126 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

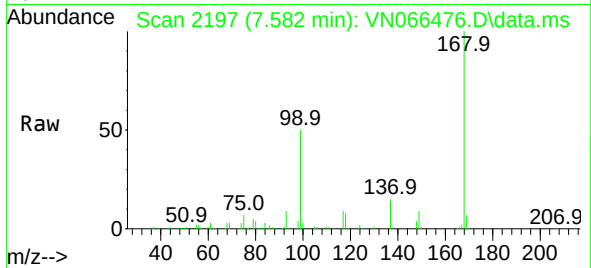
Tgt Ion: 75 Resp: 24365
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.3#
77 0.1 25.0 37.4#



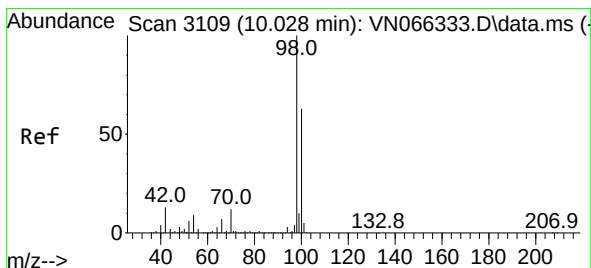
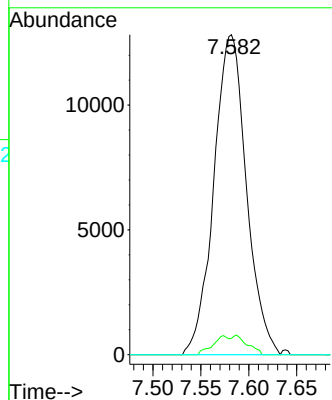
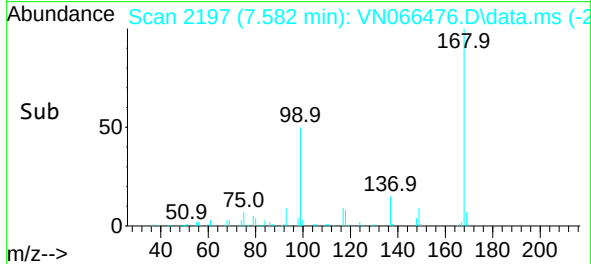


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.102 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

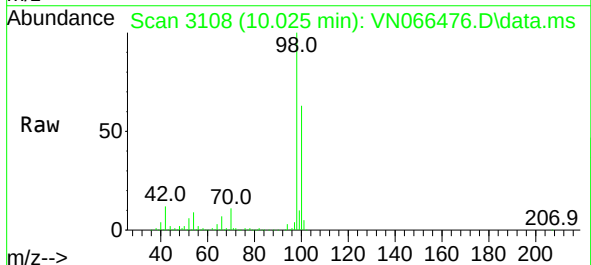
Instrument :
MSVOA_N
ClientSampled :
TB-4121



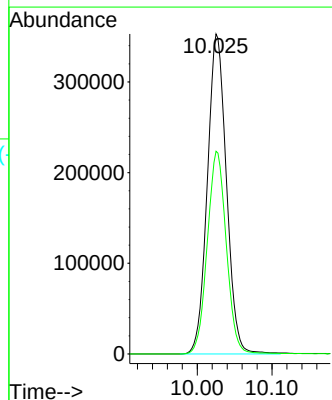
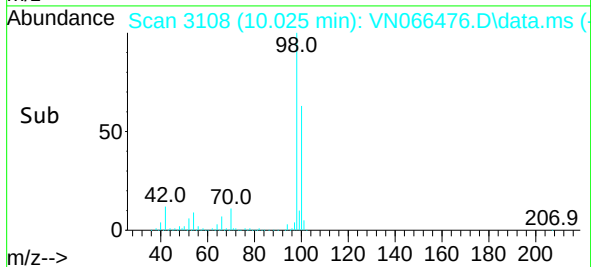
Tgt Ion:117 Resp: 30292
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 24.2 36.4#

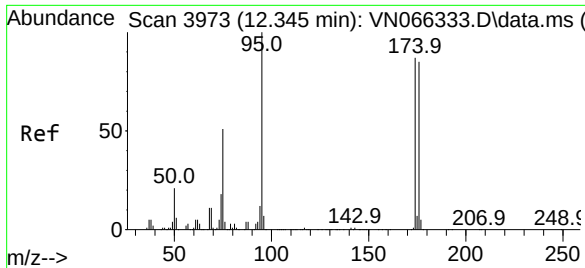


#50
Toluene-d8
Concen: 49.33 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38



Tgt Ion: 98 Resp: 625186
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7

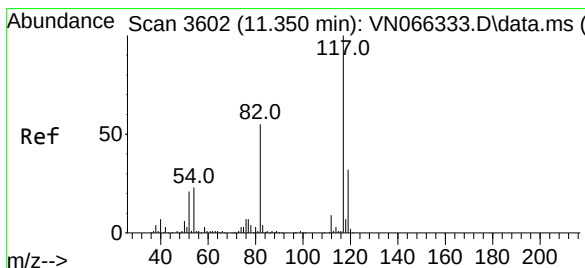
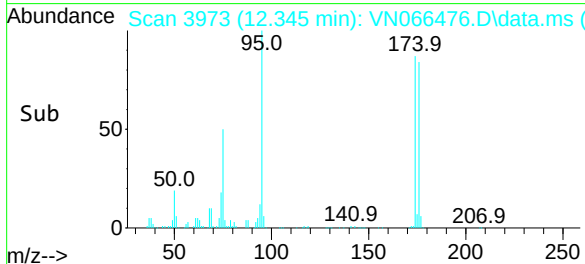
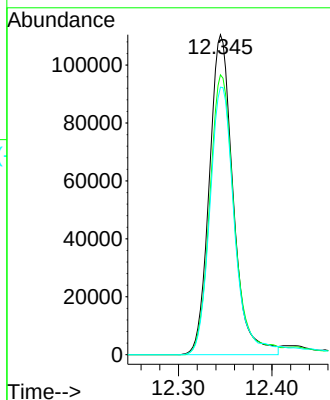
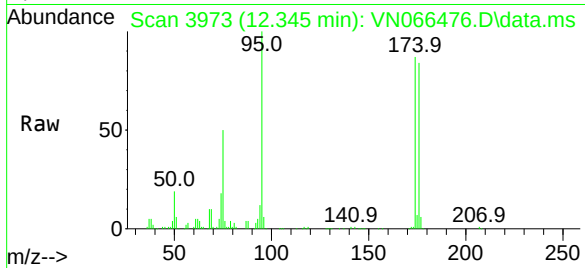




#62
4-Bromofluorobenzene
Concen: 44.54 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

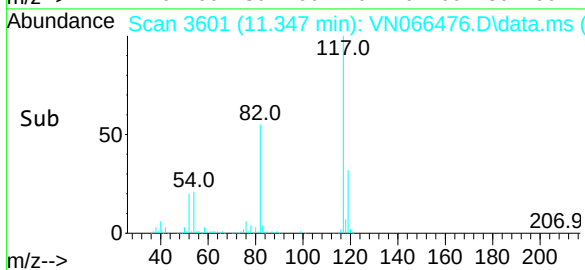
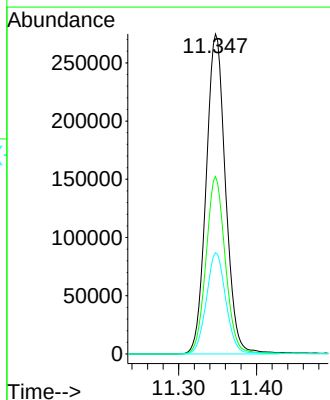
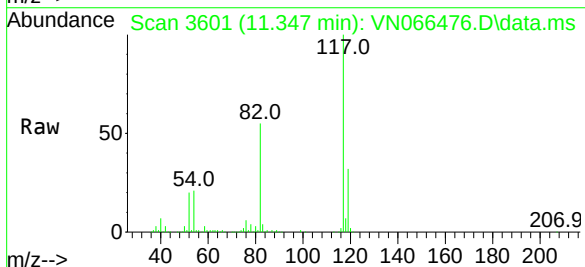
Instrument :
MSVOA_N
ClientSampleId :
TB-4121

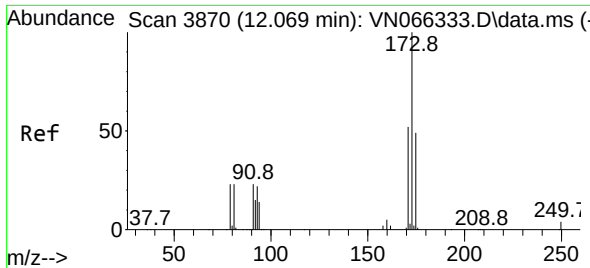
Tgt Ion: 95 Resp: 196071
Ion Ratio Lower Upper
95 100
174 90.4 0.0 172.2
176 85.8 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Tgt Ion: 117 Resp: 475903
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 31.7 25.8 38.6

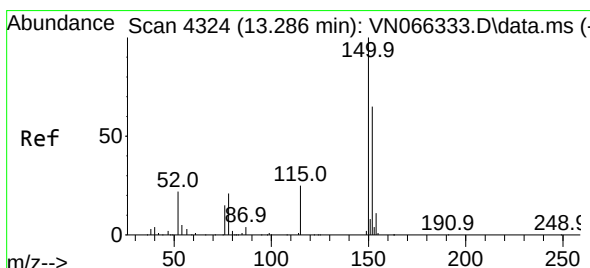
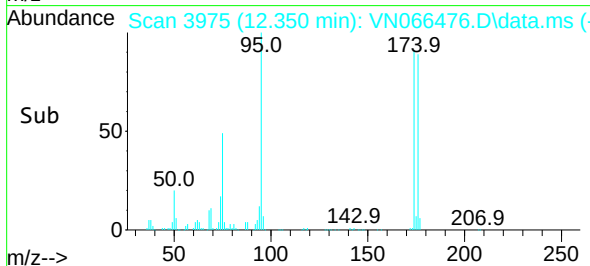
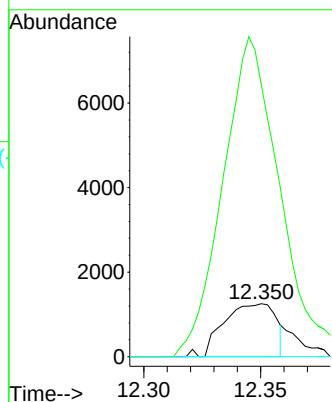
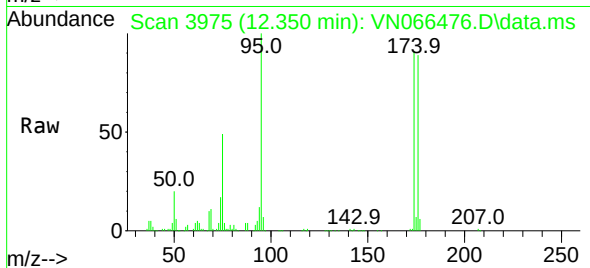




#71
Bromoform
Concen: 0.64 ug/l
RT: 12.350 min Scan# 3975
Delta R.T. 0.281 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

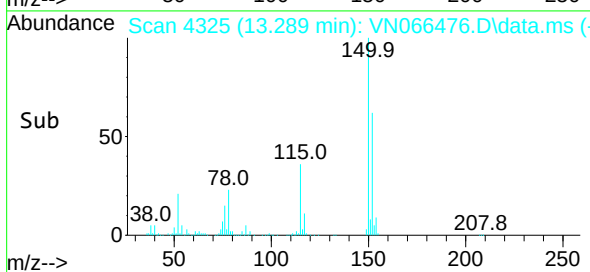
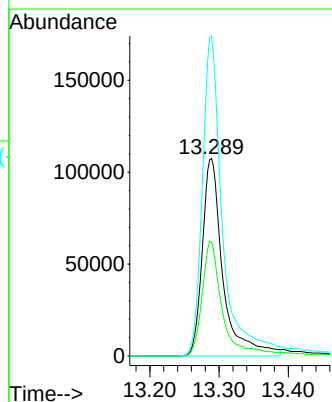
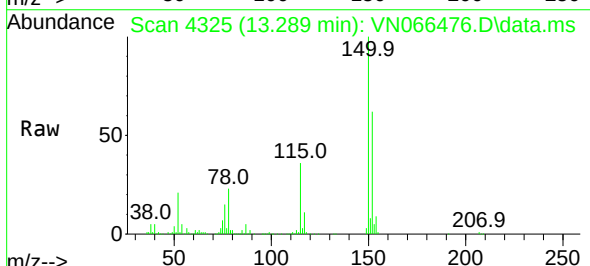
Instrument :
MSVOA_N
ClientSampleId :
TB-4121

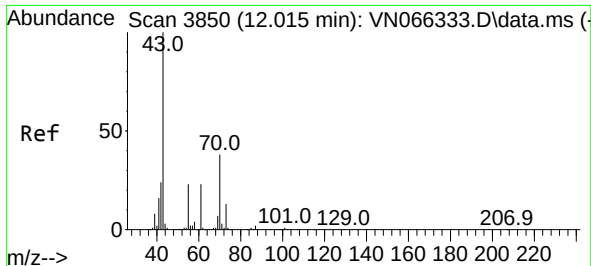
Tgt Ion:173 Resp: 1948
Ion Ratio Lower Upper
173 100
175 562.7 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.005 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

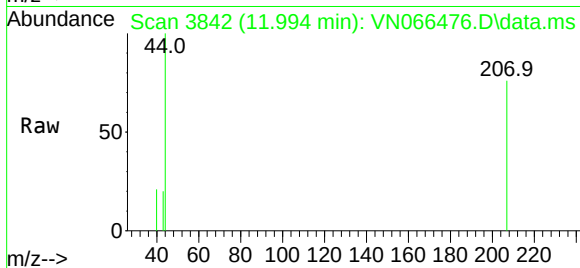
Tgt Ion:152 Resp: 222290
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.4
150 160.4 0.0 348.4



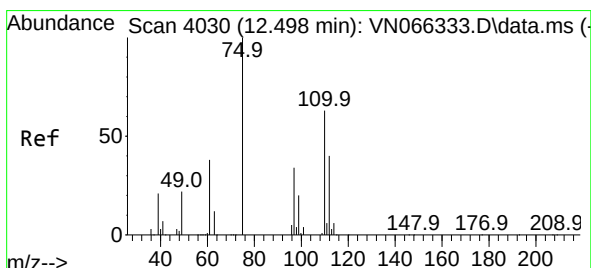
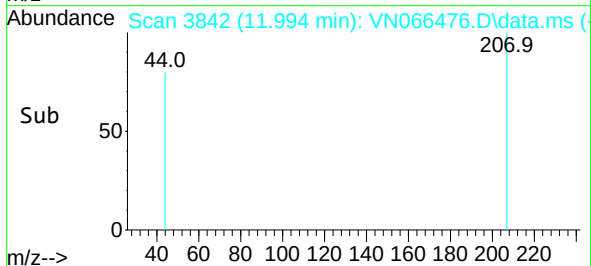
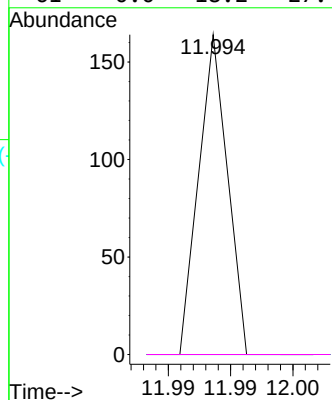


#74
N-amy1 acetate
Concen: 3.20 ug/l
RT: 11.994 min Scan# 3842
Delta R.T. -0.022 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Instrument :
MSVOA_N
ClientSampleId :
TB-4121

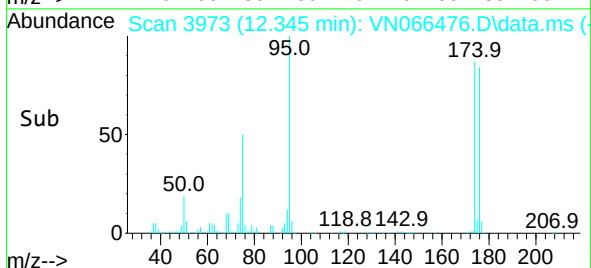
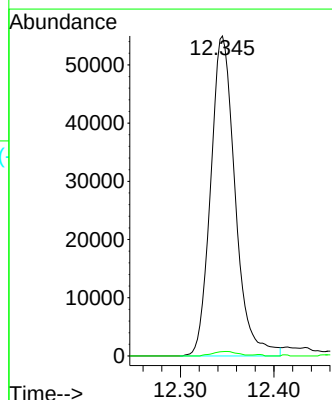
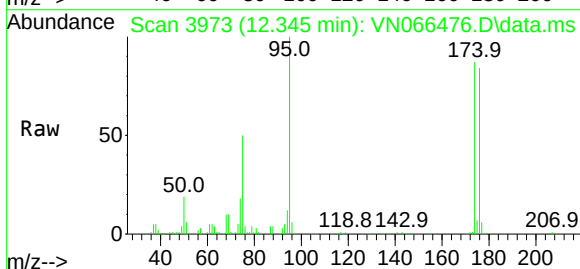


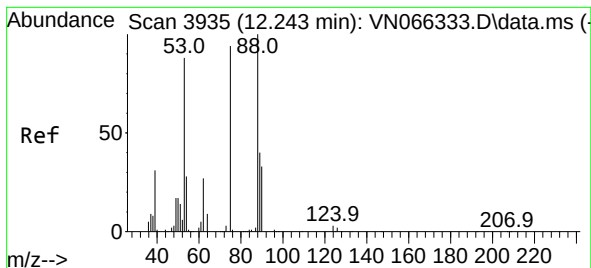
Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#



#76
1,2,3-Trichloropropane
Concen: 20.53 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.150 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Tgt Ion: 75 Resp: 100144
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

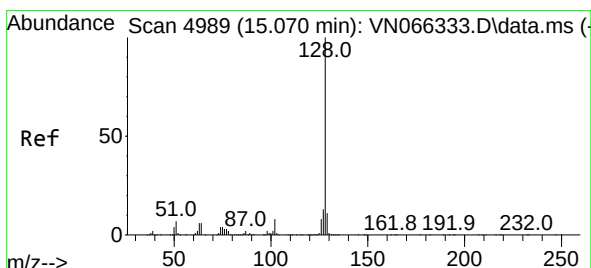
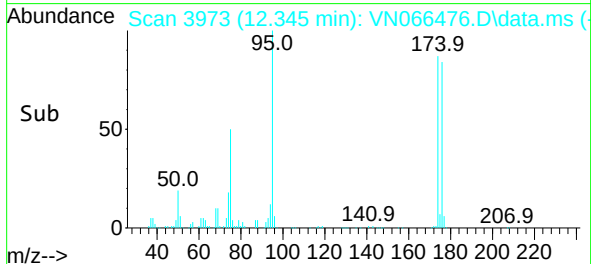
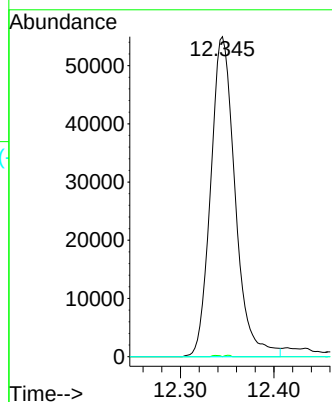
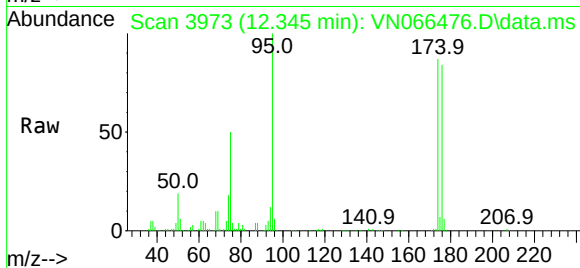




#81
trans-1,4-Dichloro-2-butene
Concen: 61.74 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Instrument :
MSVOA_N
ClientSampled :
TB-4121

Tgt Ion: 75 Resp: 100144
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 1.05 ug/l
RT: 15.258 min Scan# 5059
Delta R.T. -0.003 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Tgt Ion:128 Resp: 56
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#

