

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066044.D
 Acq On : 26 Feb 2021 12:07
 Operator : JC/MD
 Sample : VN0226WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBL01

Quant Time: Feb 26 23:30:46 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)

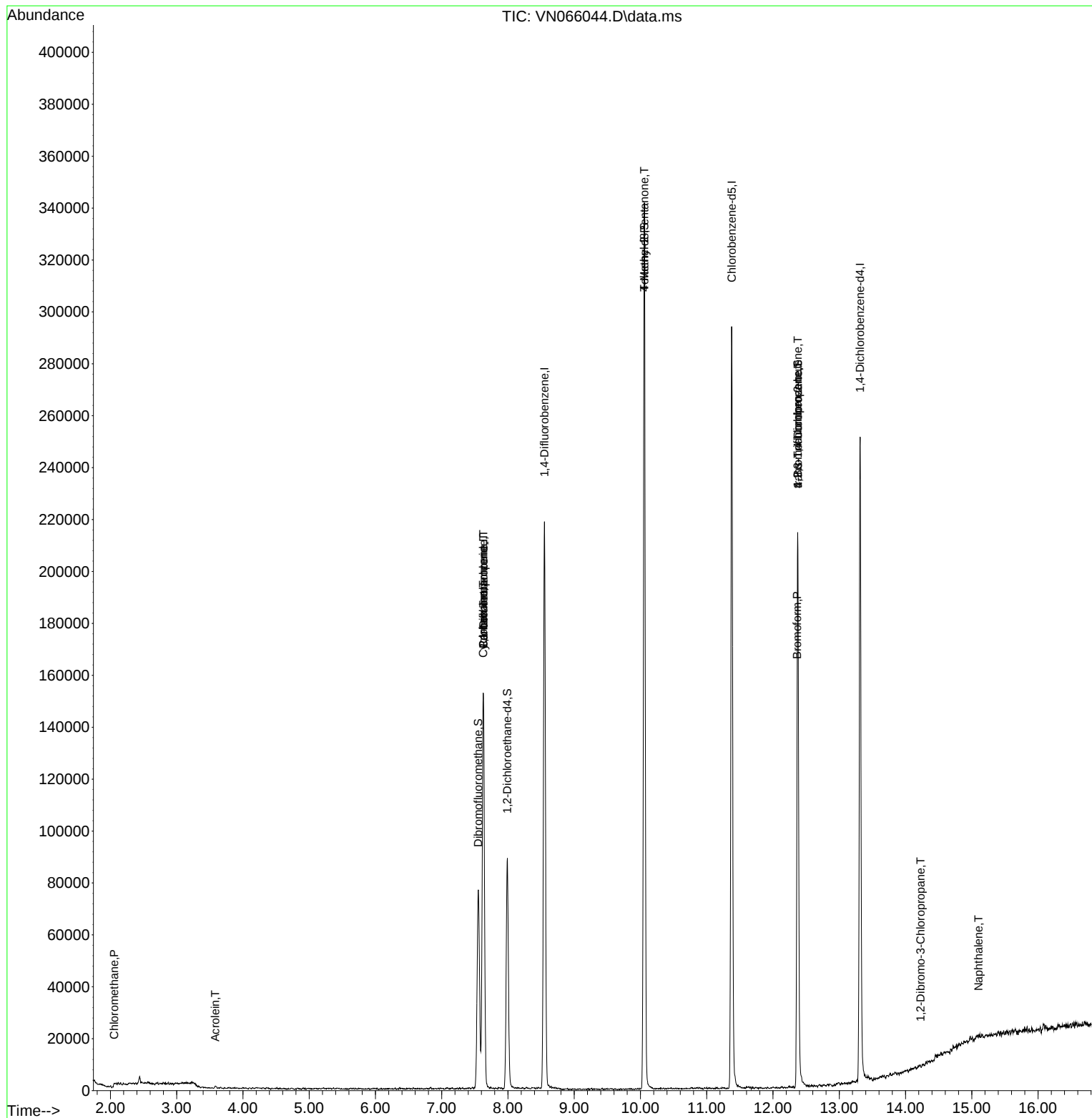
Internal Standards						
1) Pentafluorobenzene	7.627	168	122307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	199060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	179876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	71392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	82384	48.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.34%		
35) Dibromofluoromethane	7.550	113	60839	49.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.76%		
50) Toluene-d8	10.058	98	243040	48.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.12%		
62) 4-Bromofluorobenzene	12.373	95	85837	45.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.42%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	676	0.34	ug/l #	42
13) Acrolein	3.583	56	812	3.73	ug/l	99
16) Acetone	3.792	43	561	Below Cal	#	41
31) Cyclohexane	7.624	56	2521	0.99	ug/l #	43
36) 1,1-Dichloropropene	7.627	75	9313	4.74	ug/l #	48
38) Carbon Tetrachloride	7.627	117	13133	7.20	ug/l #	17
51) 4-Methyl-2-Pentanone	10.058	43	990	0.58	ug/l #	1
71) Bromoform	12.364	173	55	2.55	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	45464	26.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	45464	84.48	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.228	75	198	1.42	ug/l #	1
95) Naphthalene	15.100	128	510	3.17	ug/l #	69

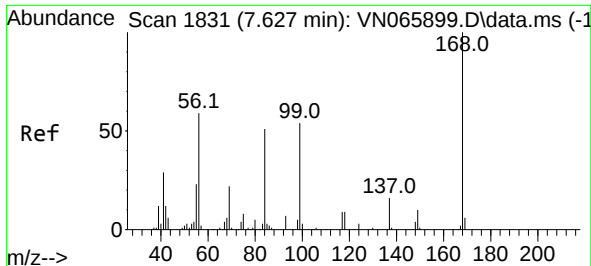
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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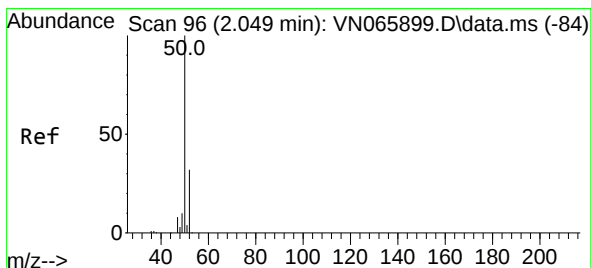
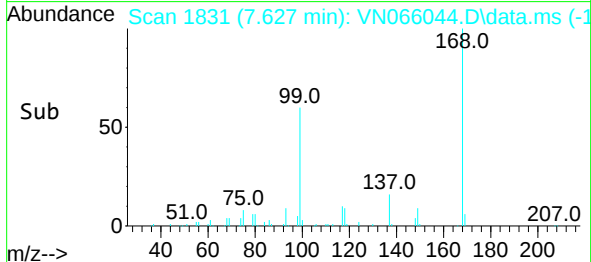
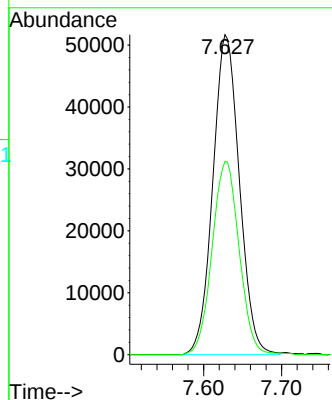
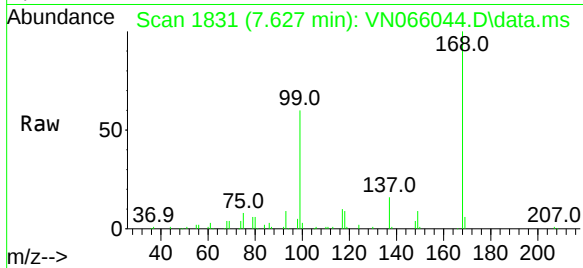




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

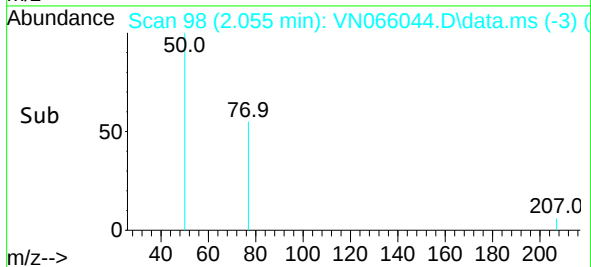
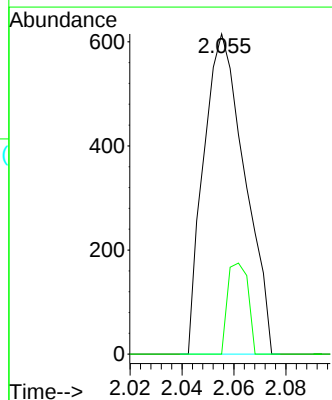
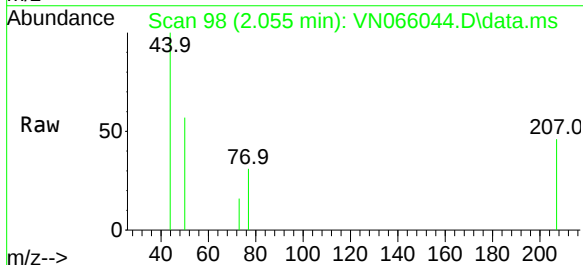
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01

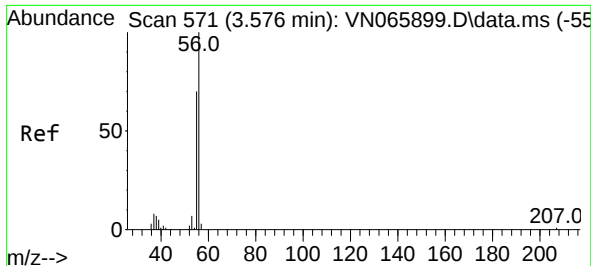
Tgt Ion:168 Resp: 122307
Ion Ratio Lower Upper
168 100
99 60.4 42.6 63.8



#3
Chloromethane
Concen: 0.34 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

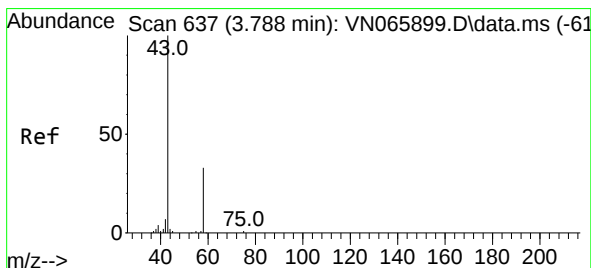
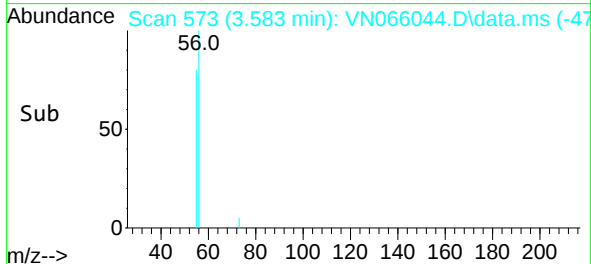
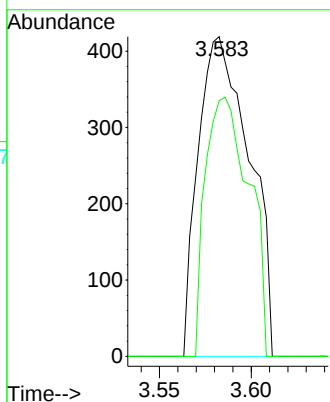
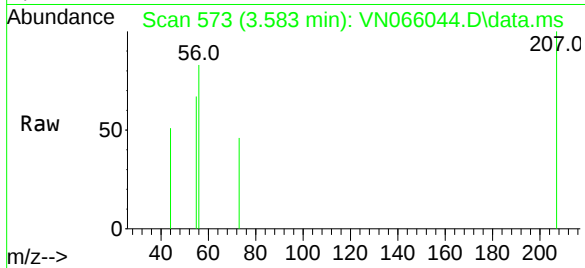




#13
Acrolein
Concen: 3.73 ug/l
RT: 3.583 min Scan# 573
Delta R.T. 0.007 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

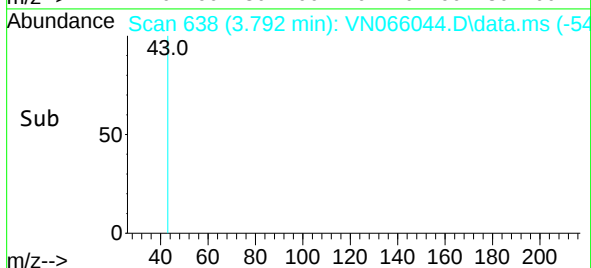
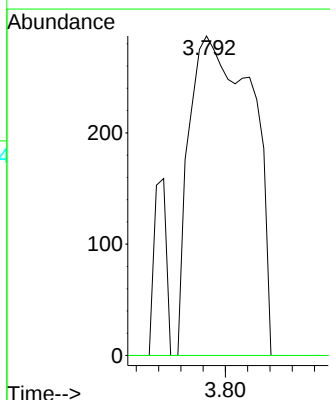
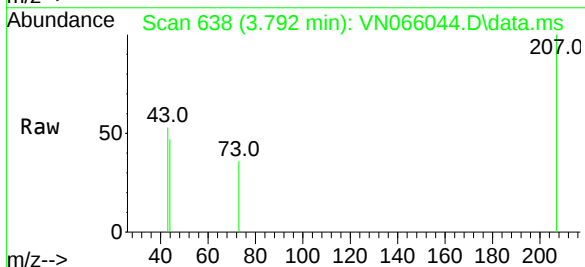
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01

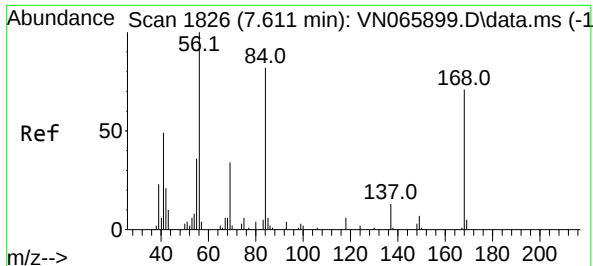
Tgt Ion: 56 Resp: 812
Ion Ratio Lower Upper
56 100
55 69.2 56.0 84.0



#16
Acetone
Concen: Below Cal
RT: 3.792 min Scan# 638
Delta R.T. 0.004 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#31

Cyclohexane

Concen: 0.99 ug/l

RT: 7.624 min Scan# 1830

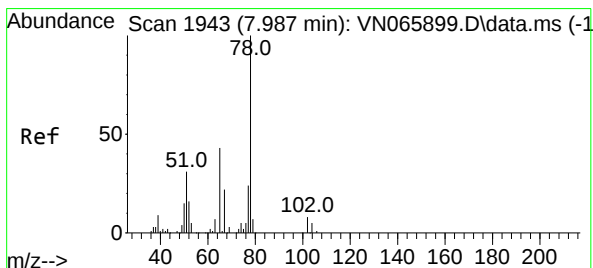
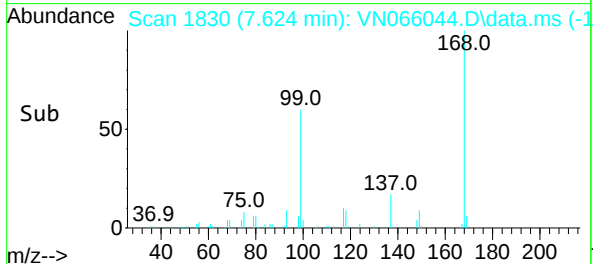
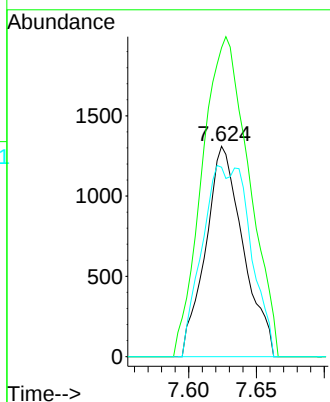
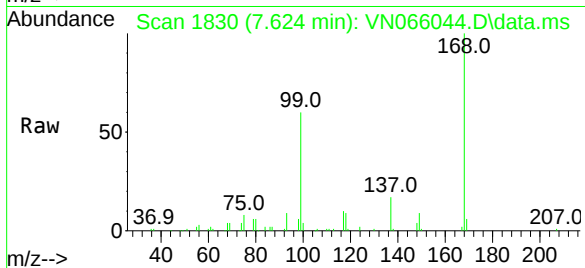
Delta R.T. 0.013 min

Lab File: VN066044.D

Acq: 26 Feb 2021 12:07

Tgt Ion:	56	Resp:	2521
Ion	Ratio	Lower	Upper
56	100		
69	146.9	26.6	39.8#
84	90.1	70.4	105.6

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01



#33

1,2-Dichloroethane-d4

Concen: 48.17 ug/l

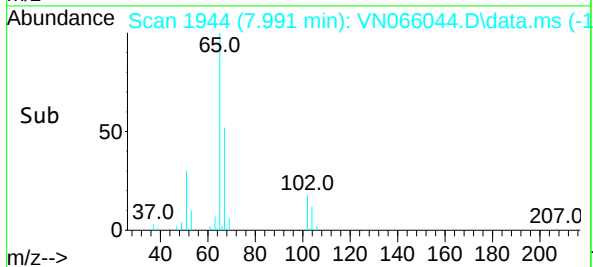
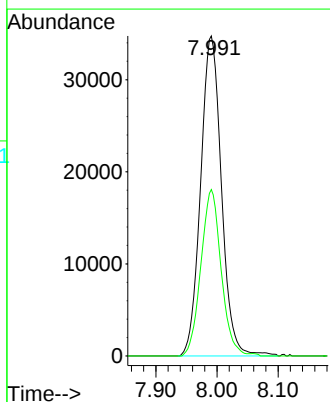
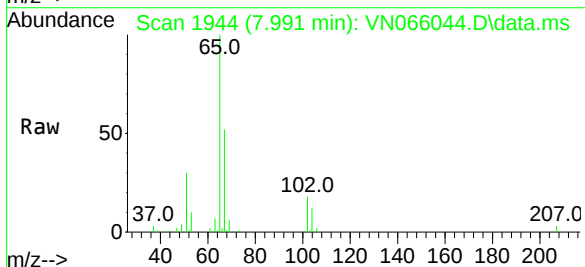
RT: 7.991 min Scan# 1944

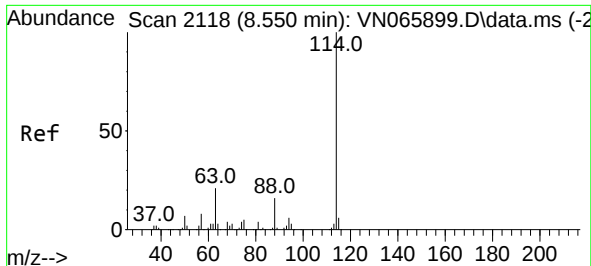
Delta R.T. 0.004 min

Lab File: VN066044.D

Acq: 26 Feb 2021 12:07

Tgt Ion:	65	Resp:	82384
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	107.2

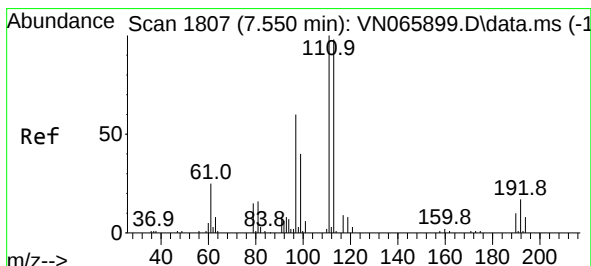
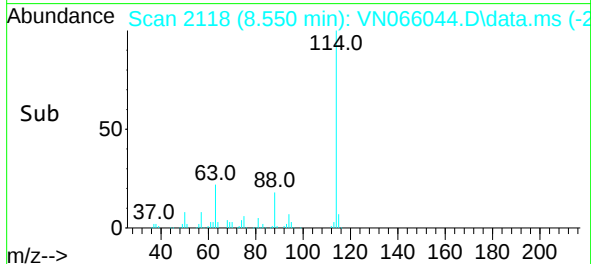
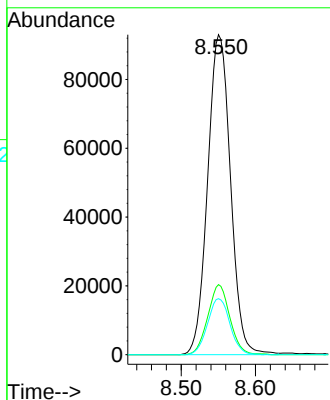
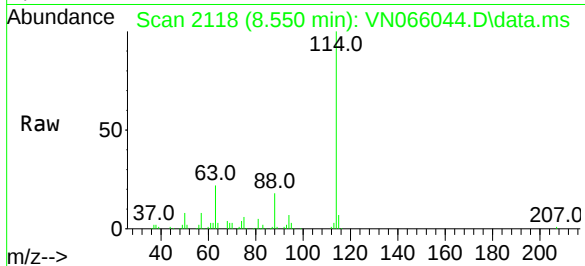




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

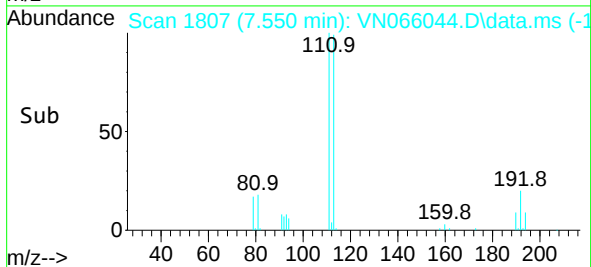
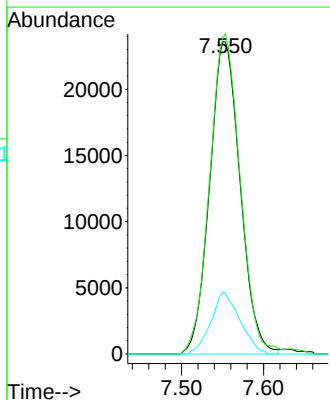
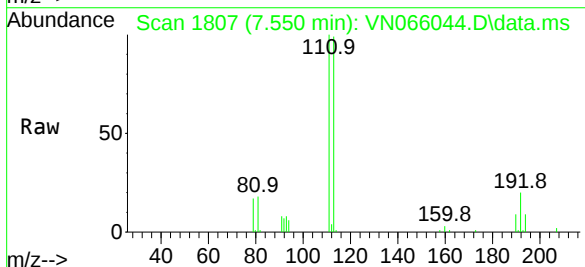
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01

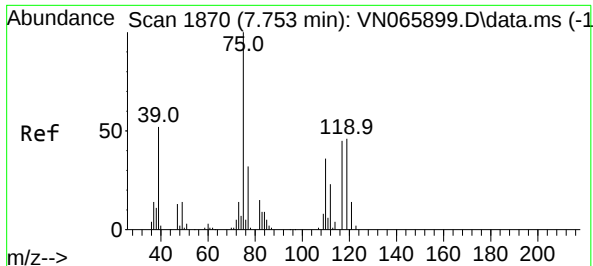
Tgt Ion:	114	Resp:	199060
Ion Ratio	Lower	Upper	
114	100		
63	21.9	0.0	38.6
88	17.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.38 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Tgt Ion:	113	Resp:	60839
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.2
192	18.9	15.4	23.0



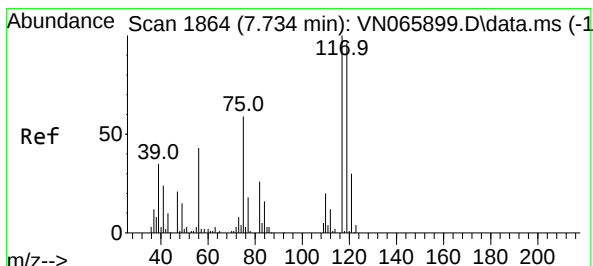
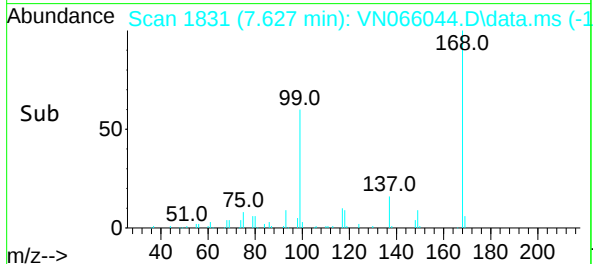
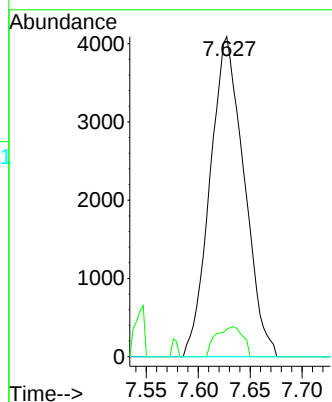
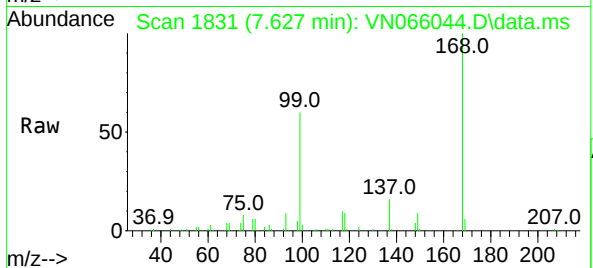


#36

1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01

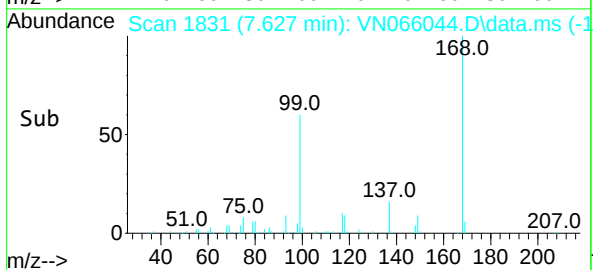
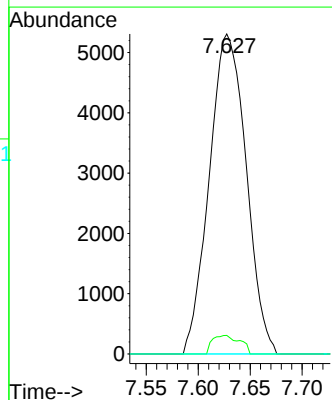
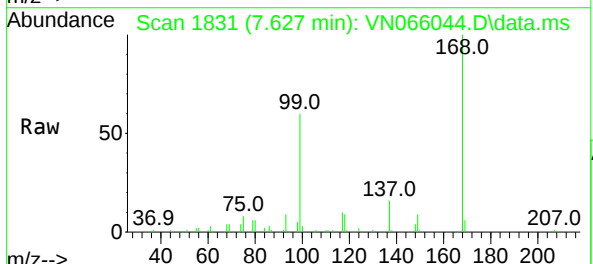
Tgt Ion: 75 Resp: 9313
Ion Ratio Lower Upper
75 100
110 7.4 18.2 54.6#
77 0.0 24.9 37.3#

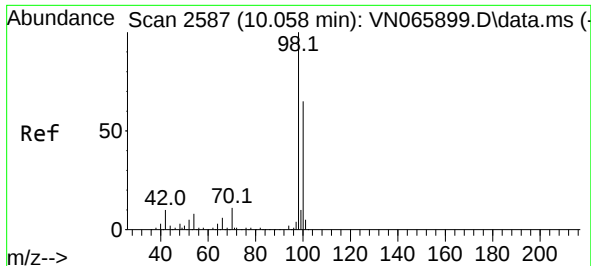


#38

Carbon Tetrachloride
Concen: 7.20 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Tgt Ion: 117 Resp: 13133
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#

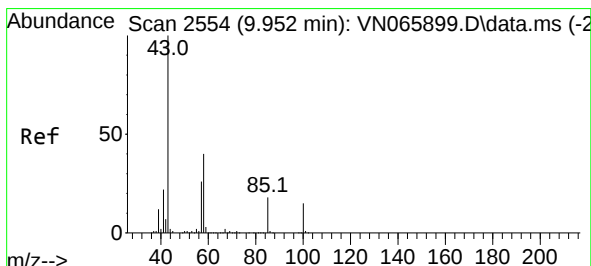
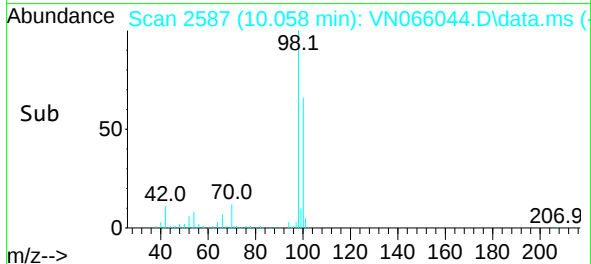
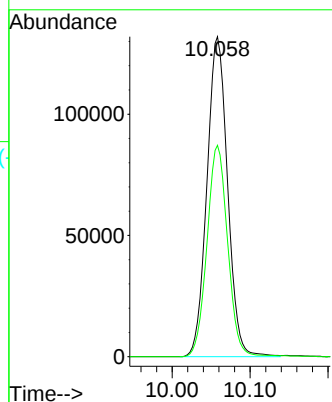
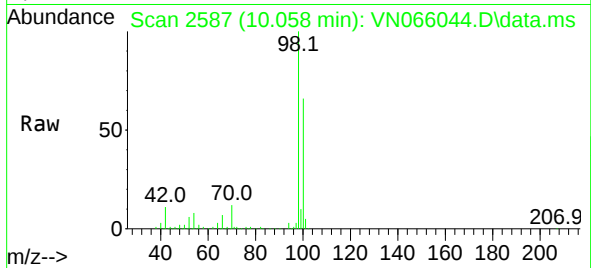




#50
Toluene-d8
Concen: 48.06 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

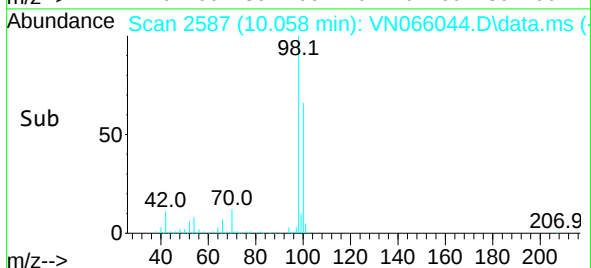
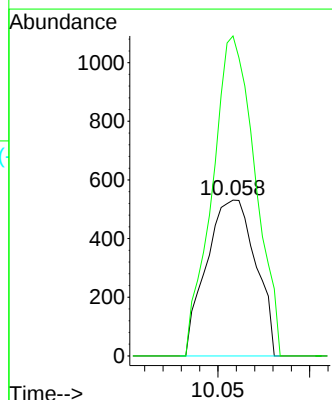
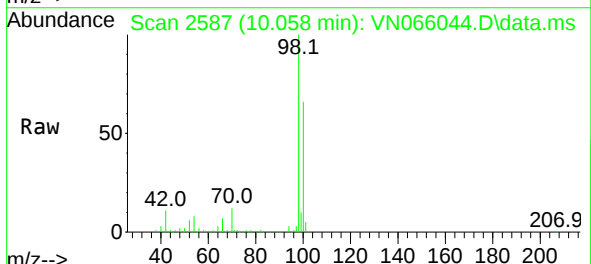
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ClientSampleId :
VN0226WBL01

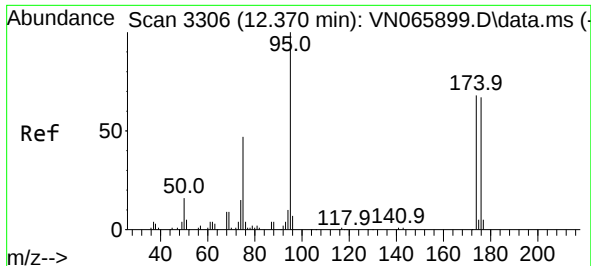
Tgt Ion: 98 Resp: 243040
Ion Ratio Lower Upper
98 100
100 66.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 179.5 32.5 48.7#

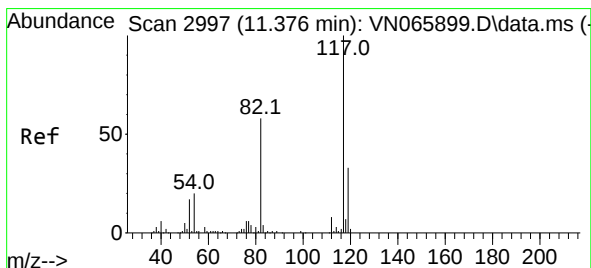
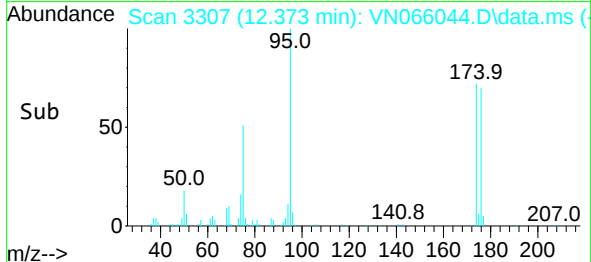
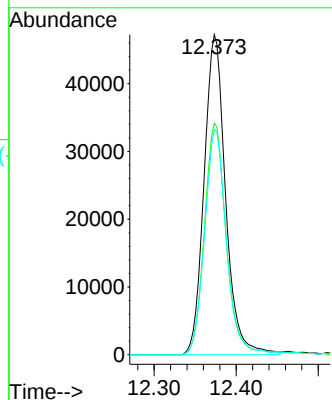
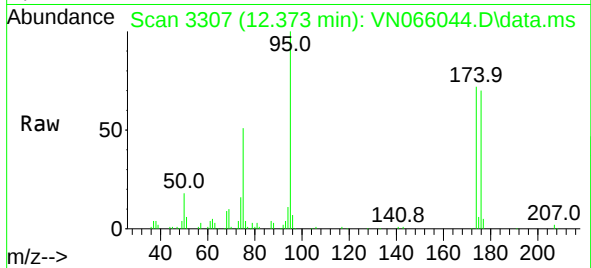




#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

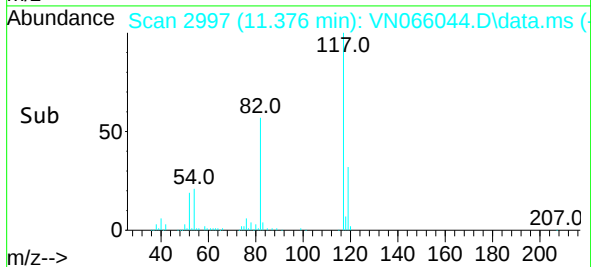
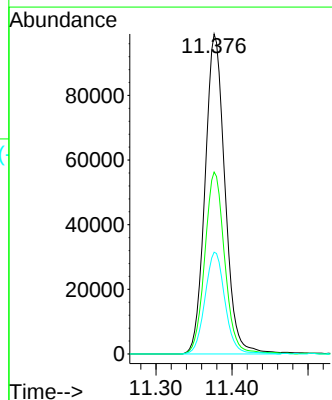
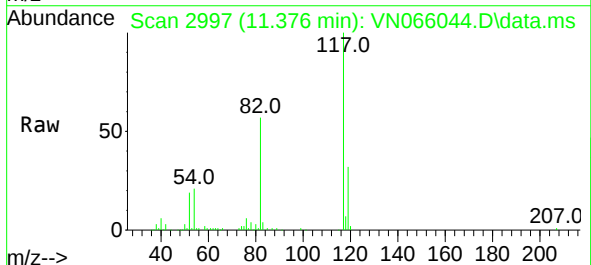
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01

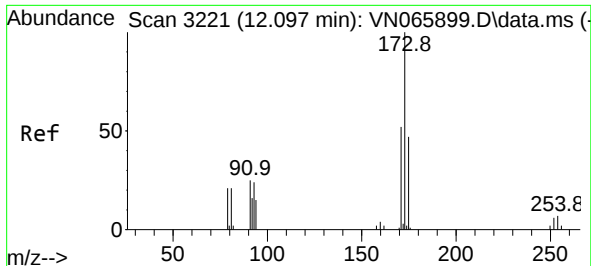
Tgt Ion: 95 Resp: 85837
Ion Ratio Lower Upper
95 100
174 73.1 0.0 169.0
176 71.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

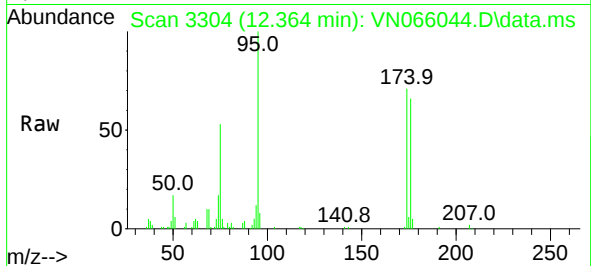
Tgt Ion:117 Resp: 179876
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 31.8 26.1 39.1



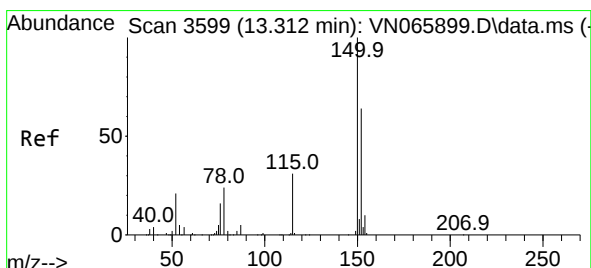
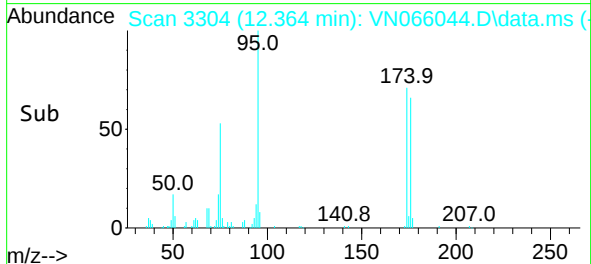
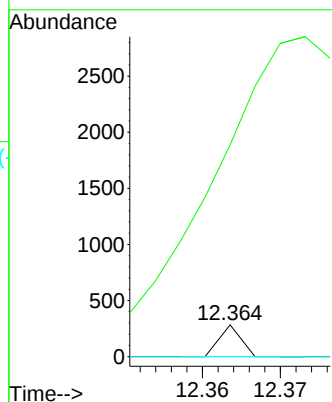


#71
Bromoform
Concen: 2.55 ug/l
RT: 12.364 min Scan# 3304
Delta R.T. 0.267 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01

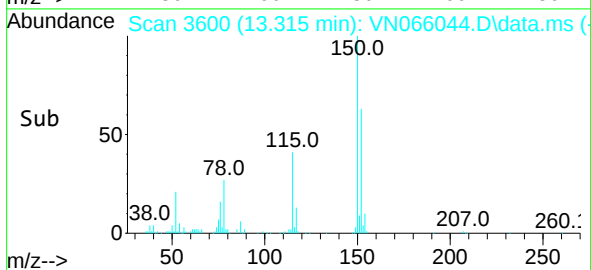
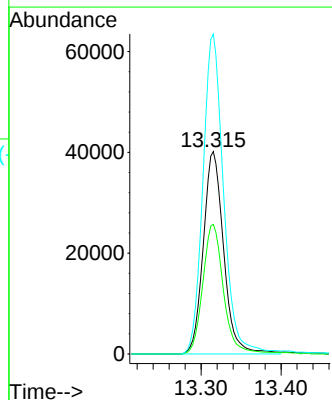
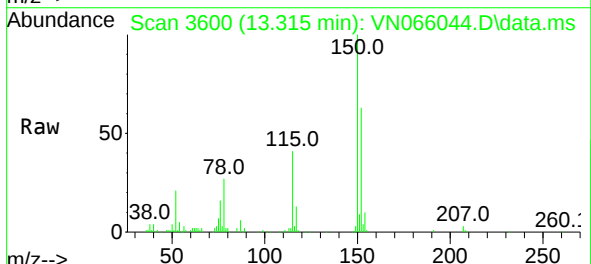


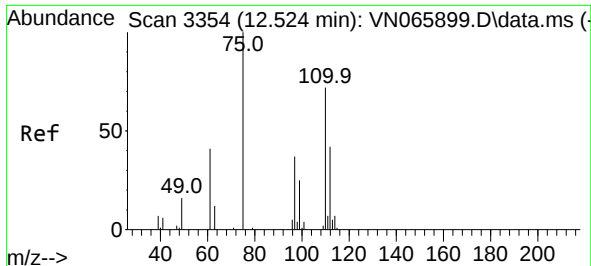
Tgt Ion:173 Resp: 55
Ion Ratio Lower Upper
173 100
175 7190.9 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Tgt Ion:152 Resp: 71392
Ion Ratio Lower Upper
152 100
115 65.2 28.5 85.6
150 161.5 0.0 347.6

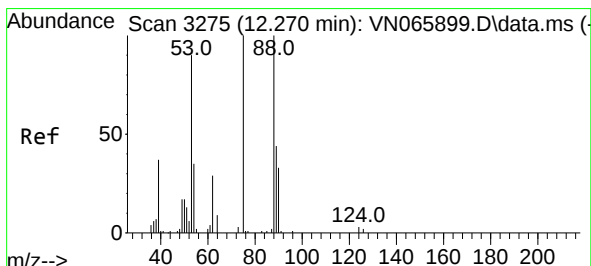
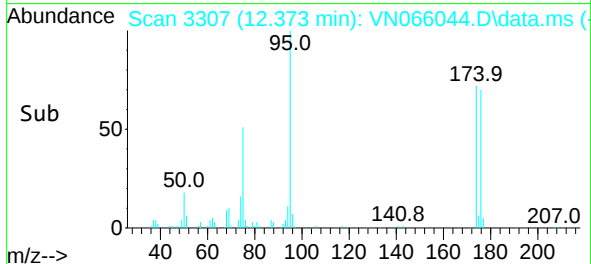
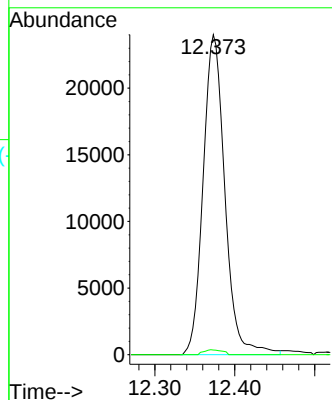
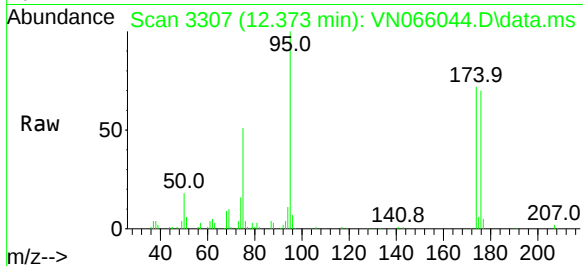




#76
1,2,3-Trichloropropane
Concen: 26.51 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

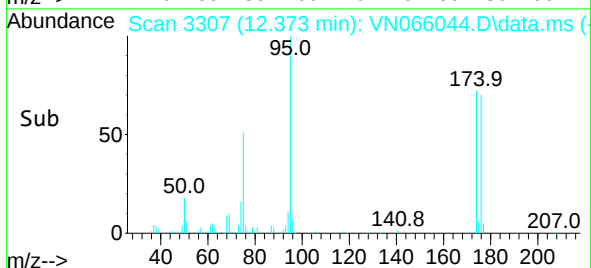
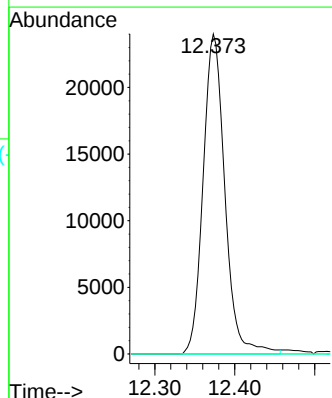
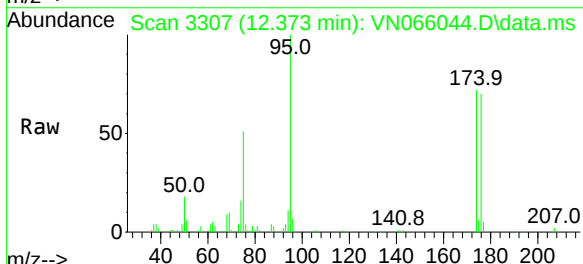
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01

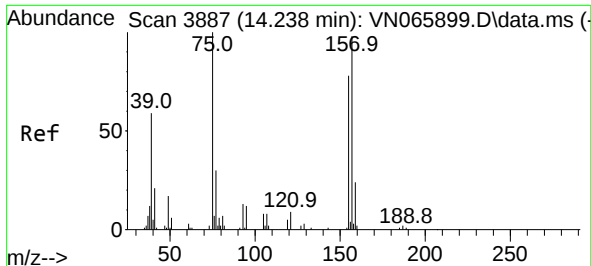
Tgt Ion: 75 Resp: 45464
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.48 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Tgt Ion: 75 Resp: 45464
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

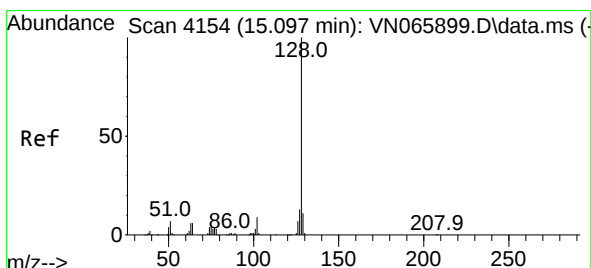
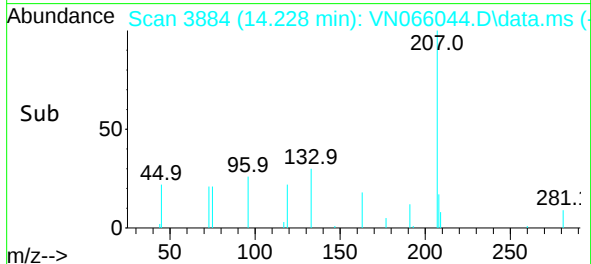
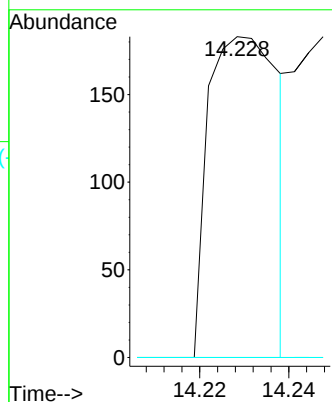
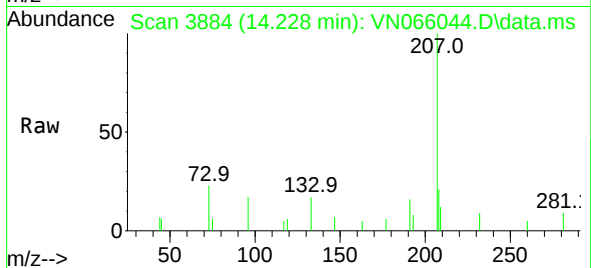




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.42 ug/l
RT: 14.228 min Scan# 3884
Delta R.T. -0.010 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBL01

Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.17 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066044.D
Acq: 26 Feb 2021 12:07

Tgt Ion:128 Resp: 510
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

