

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN066000.D
 Acq On : 24 Feb 2021 13:43
 Operator : JC/MD
 Sample : M1473-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 25 02:13:05 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)

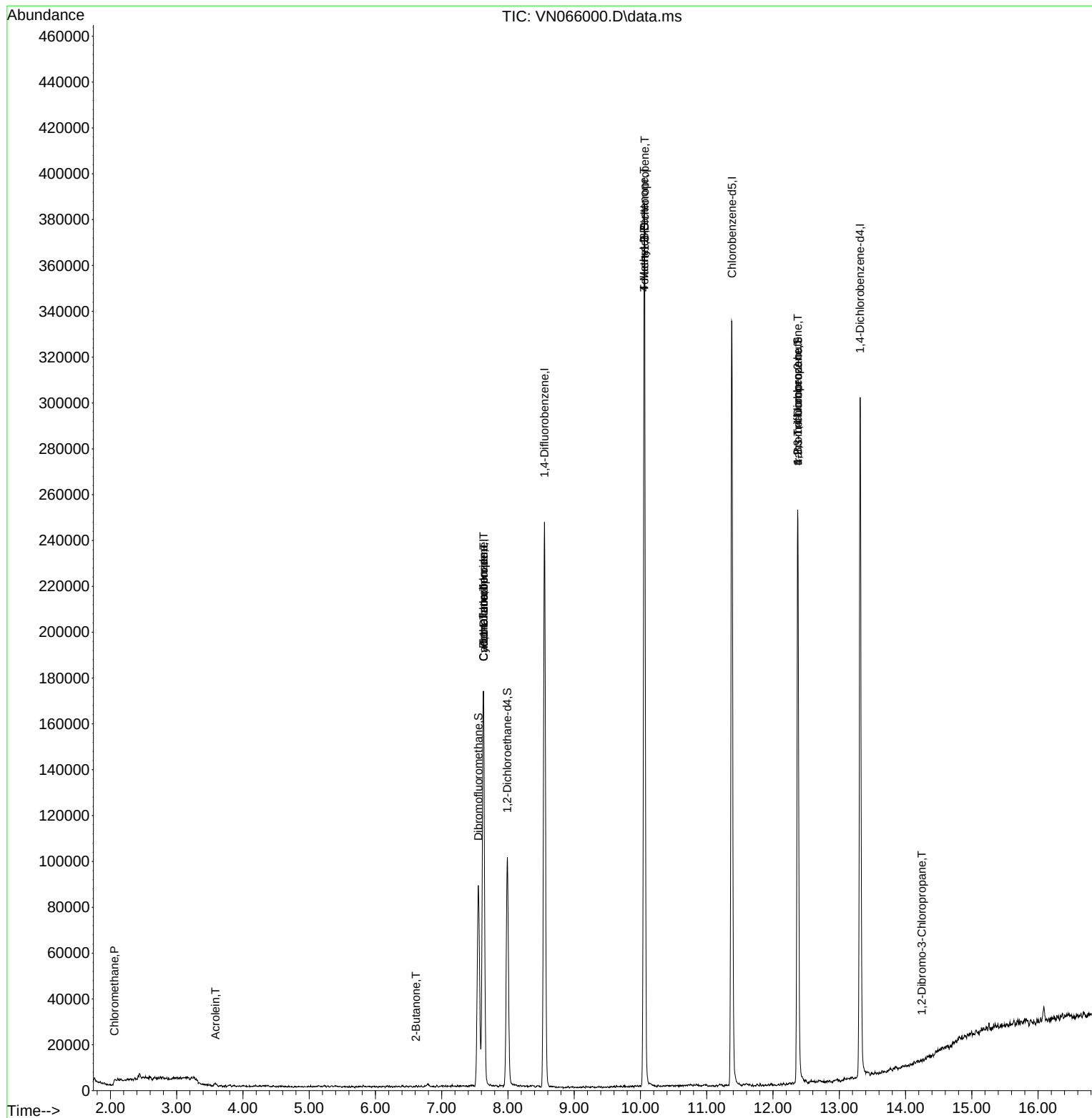
Internal Standards						
1) Pentafluorobenzene	7.627	168	137921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	227873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	207708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	84500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	91739	47.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.14%		
35) Dibromofluoromethane	7.553	113	69309	49.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.28%		
50) Toluene-d8	10.058	98	275620	47.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.22%		
62) 4-Bromofluorobenzene	12.373	95	101345	46.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.26%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.058	50	913	0.40	ug/l #	67
13) Acrolein	3.586	56	1454	5.92	ug/l	96
16) Acetone	3.798	43	952	Below Cal	#	41
25) 2-Butanone	6.611	43	232	0.24	ug/l #	46
31) Cyclohexane	7.634	56	2815	0.98	ug/l #	24
36) 1,1-Dichloropropene	7.630	75	10836	4.82	ug/l #	47
38) Carbon Tetrachloride	7.634	117	14234	6.82	ug/l #	18
51) 4-Methyl-2-Pentanone	10.055	43	1148	0.58	ug/l #	1
53) t-1,3-Dichloropropene	10.064	75	60	2.00	ug/l #	81
76) 1,2,3-Trichloropropane	12.373	75	50898	25.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	50898	79.91	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.248	75	72	1.02	ug/l #	1

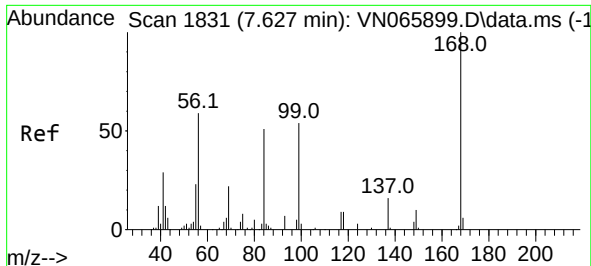
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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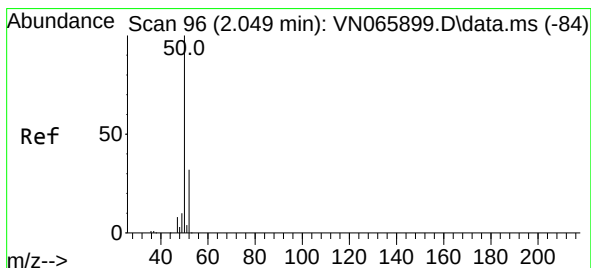
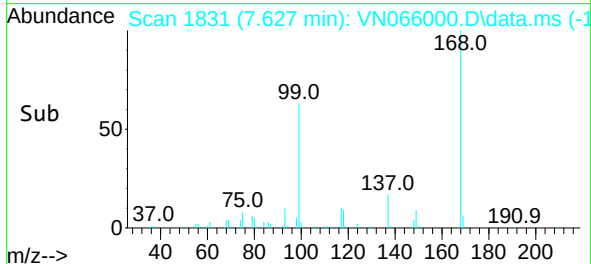
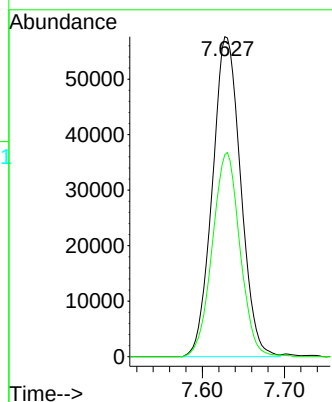
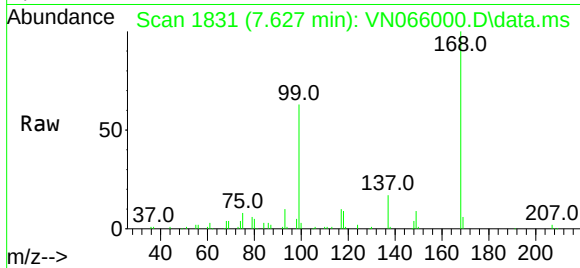




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

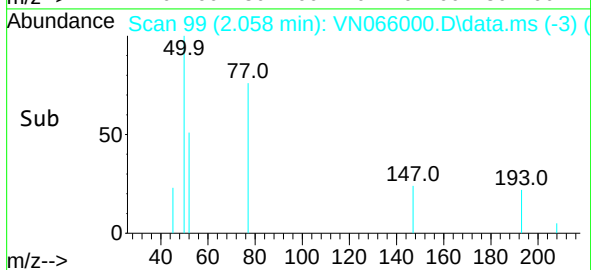
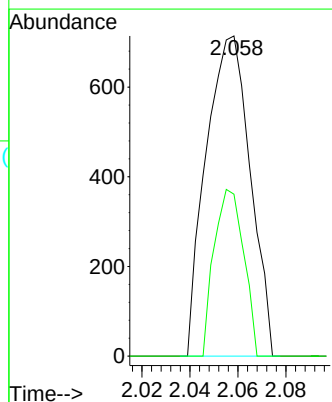
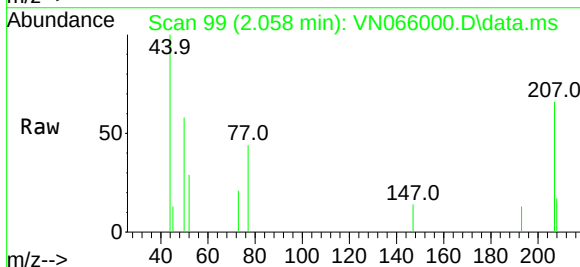
Instrument :
MSVOA_N
ClientSampled :

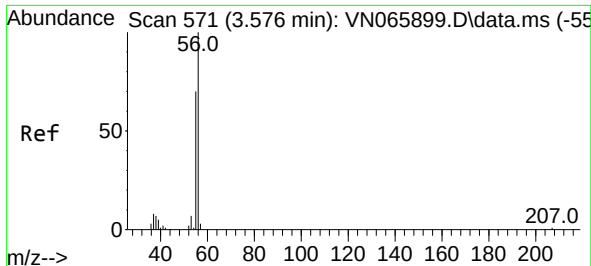
Tgt Ion:168 Resp: 137921
Ion Ratio Lower Upper
168 100
99 63.2 42.6 63.8



#3
Chloromethane
Concen: 0.40 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

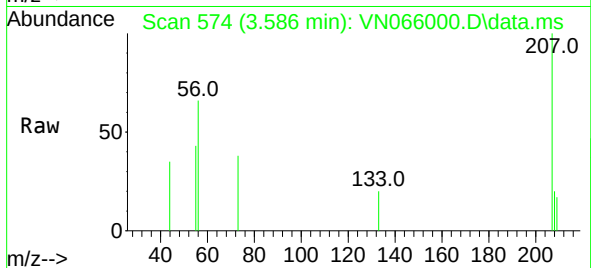
Tgt Ion: 50 Resp: 913
Ion Ratio Lower Upper
50 100
52 50.6 25.8 38.8#



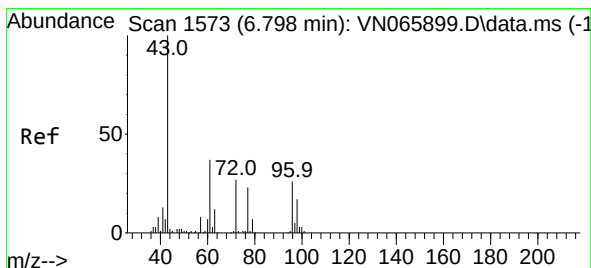
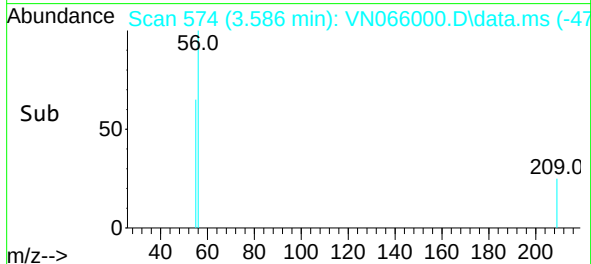
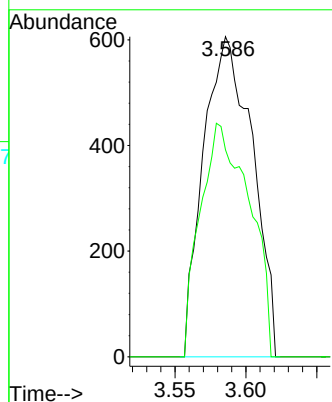


#13
Acrolein
Concen: 5.92 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

Instrument :
MSVOA_N
ClientSampled :

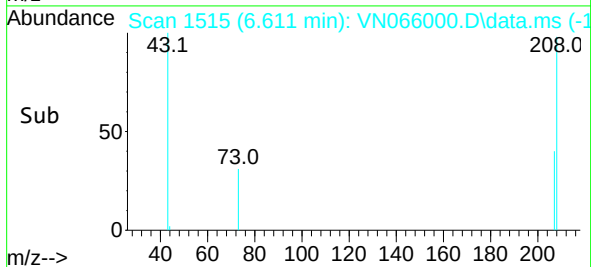
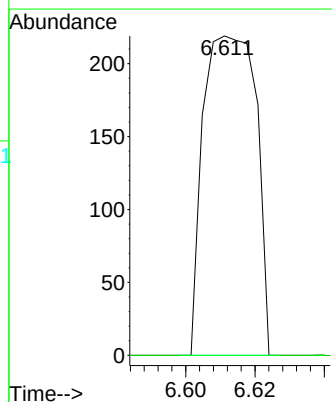
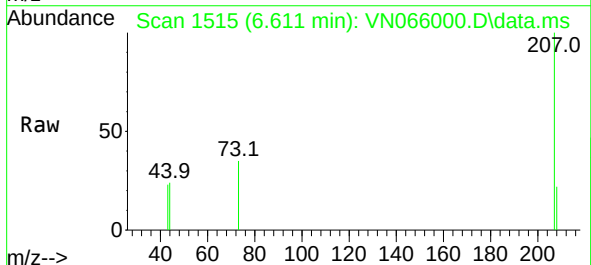


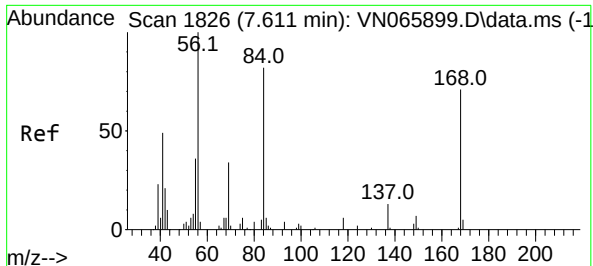
Tgt Ion: 56 Resp: 1454
Ion Ratio Lower Upper
56 100
55 73.5 56.0 84.0



#25
2-Butanone
Concen: 0.24 ug/l
RT: 6.611 min Scan# 1515
Delta R.T. -0.187 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#





#31

Cyclohexane

Concen: 0.98 ug/l

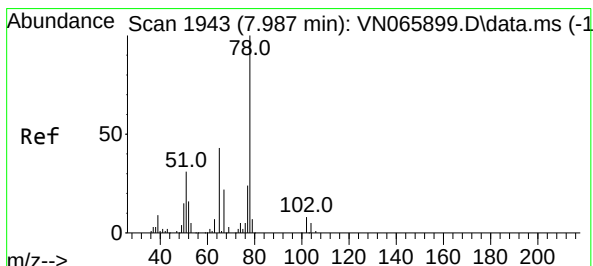
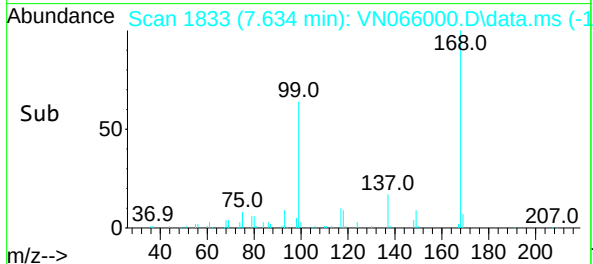
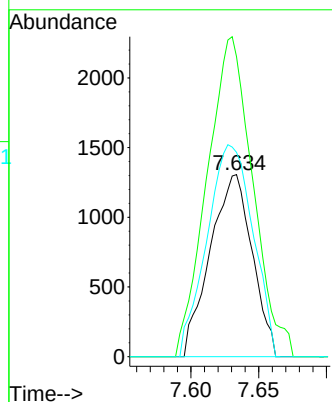
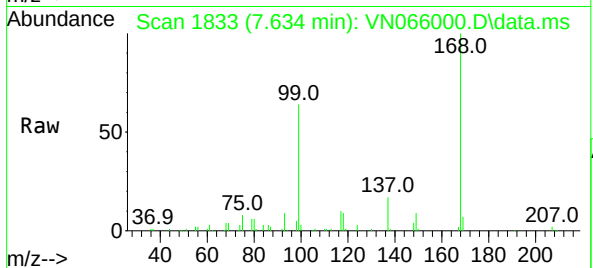
RT: 7.634 min Scan# 1833

Delta R.T. 0.023 min

Lab File: VN066000.D

Acq: 24 Feb 2021 13:43

Tgt Ion:	56	Resp:	2815
Ion	Ratio	Lower	Upper
56	100		
69	152.2	26.6	39.8#
84	112.3	70.4	105.6#



#33

1,2-Dichloroethane-d4

Concen: 47.57 ug/l

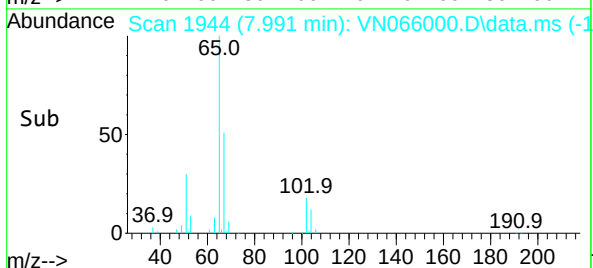
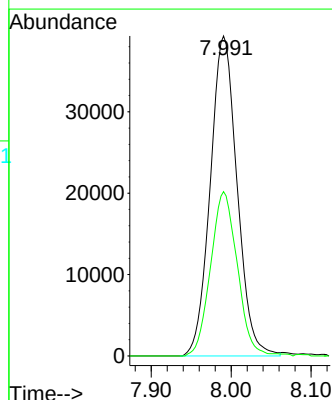
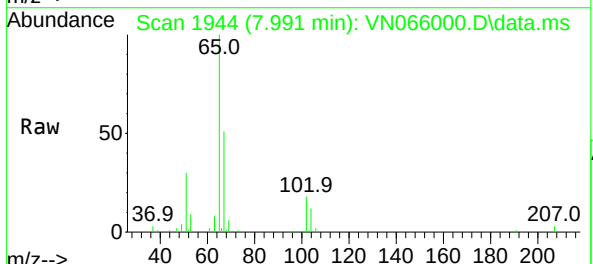
RT: 7.991 min Scan# 1944

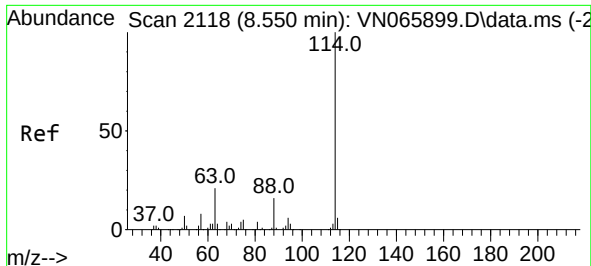
Delta R.T. 0.004 min

Lab File: VN066000.D

Acq: 24 Feb 2021 13:43

Tgt Ion:	65	Resp:	91739
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	107.2

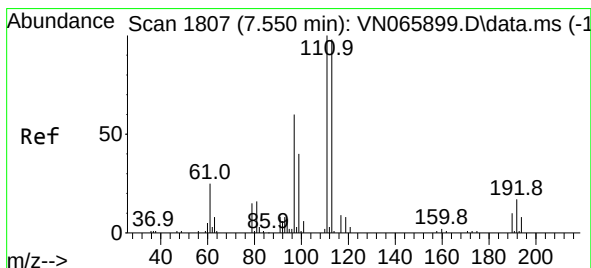
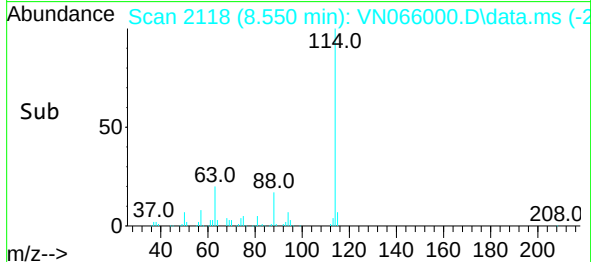
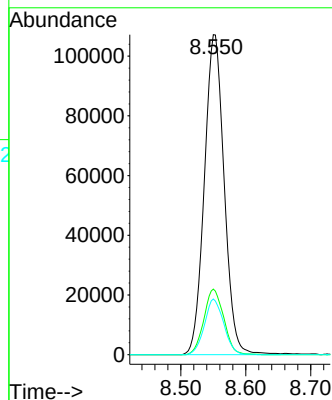
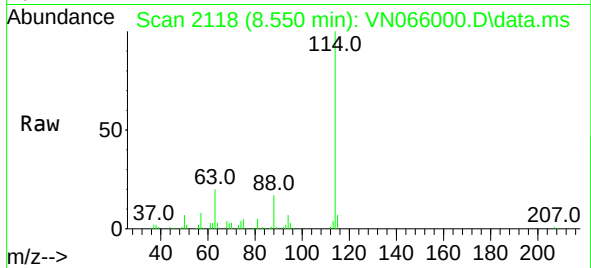




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

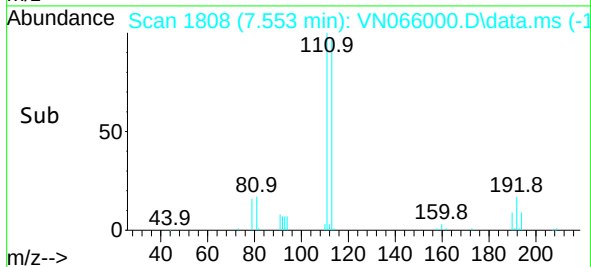
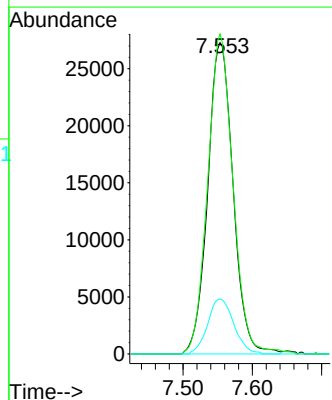
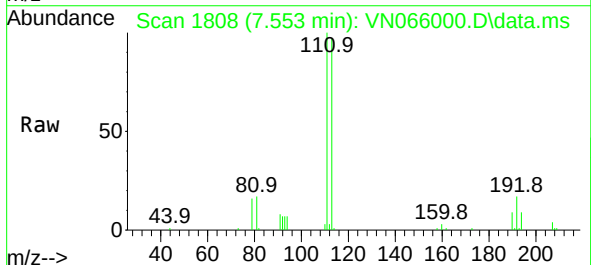
Instrument :
MSVOA_N
ClientSampled :

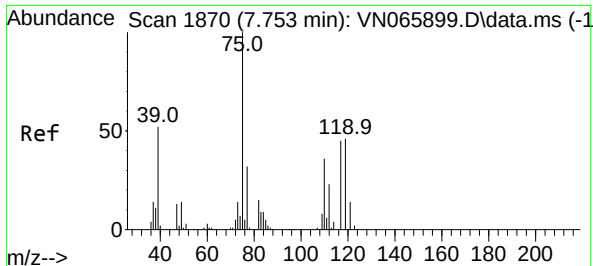
Tgt Ion:114 Resp: 227873
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.14 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

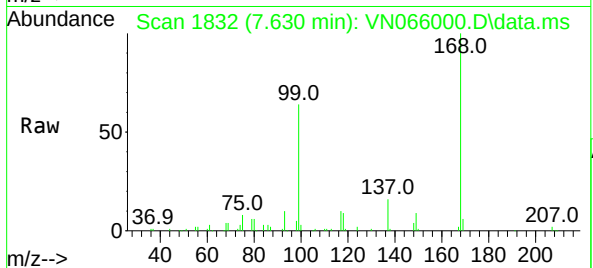
Tgt Ion:113 Resp: 69309
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 18.2 15.4 23.0



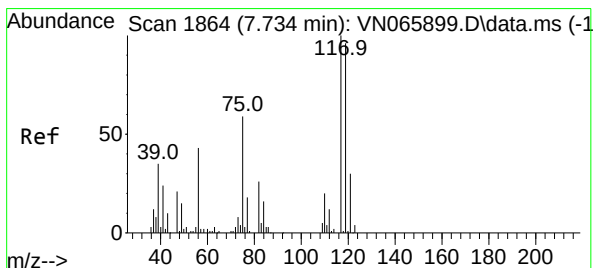
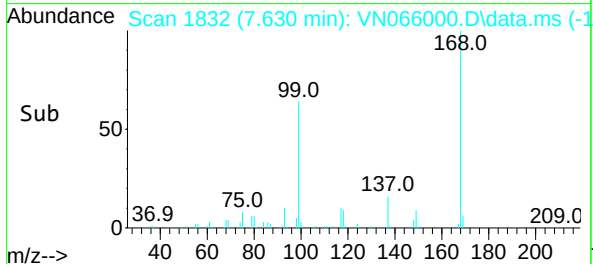
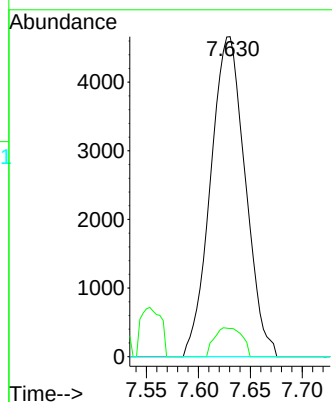


#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

Instrument :
MSVOA_N
ClientSampled :

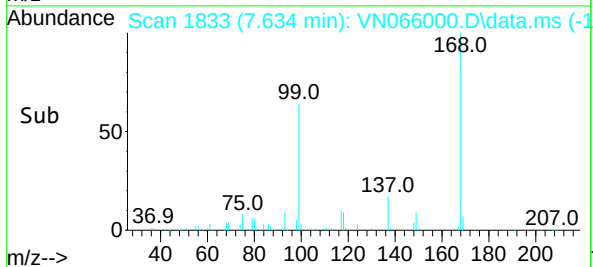
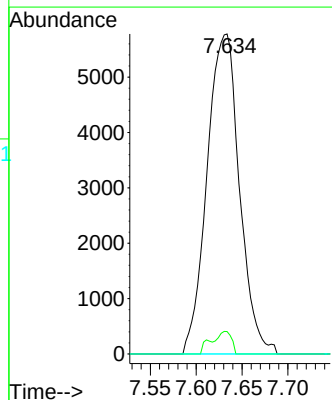
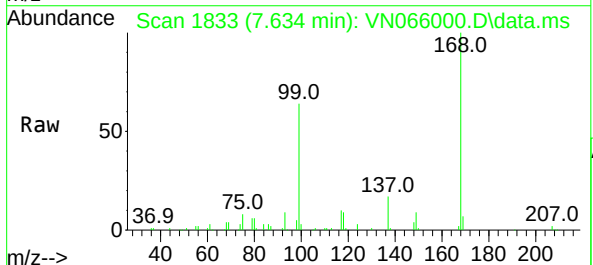


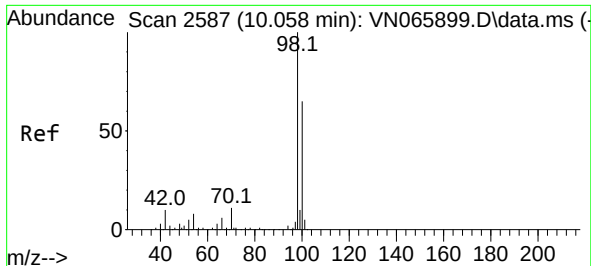
Tgt Ion: 75 Resp: 10836
Ion Ratio Lower Upper
75 100
110 7.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.82 ug/l
RT: 7.634 min Scan# 1833
Delta R.T. -0.100 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

Tgt Ion: 117 Resp: 14234
Ion Ratio Lower Upper
117 100
119 7.0 76.0 114.0#
121 0.0 24.5 36.7#

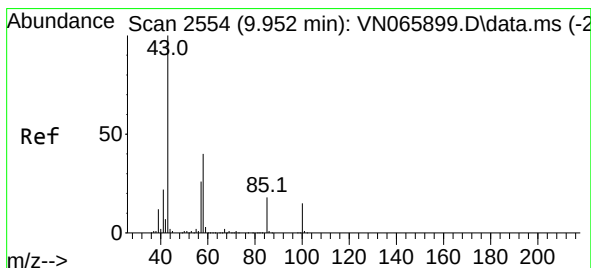
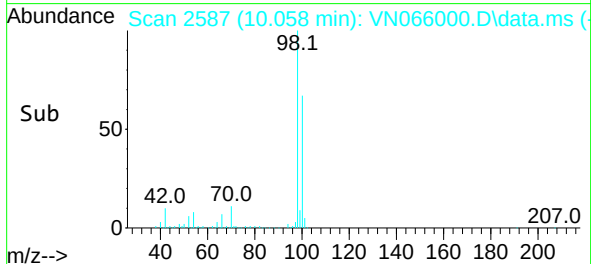
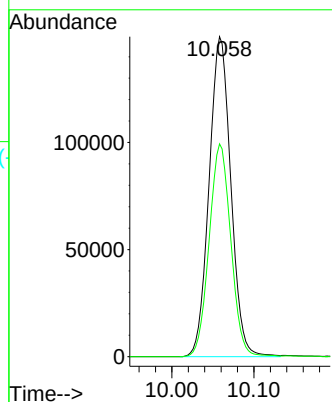
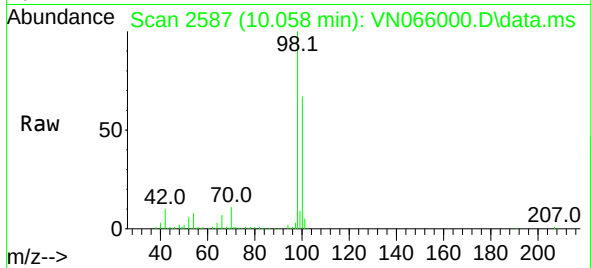




#50
Toluene-d8
Concen: 47.61 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

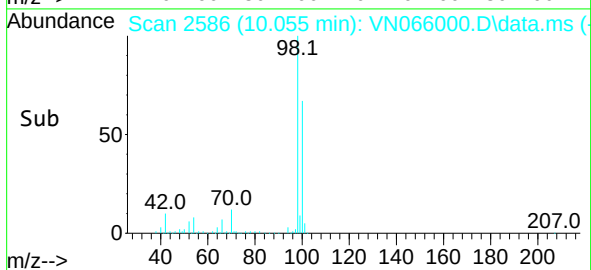
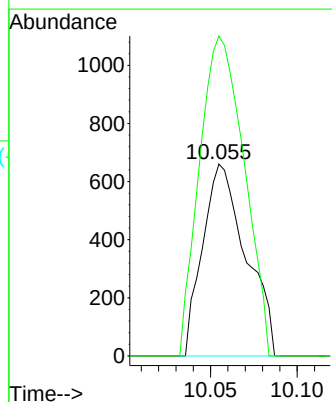
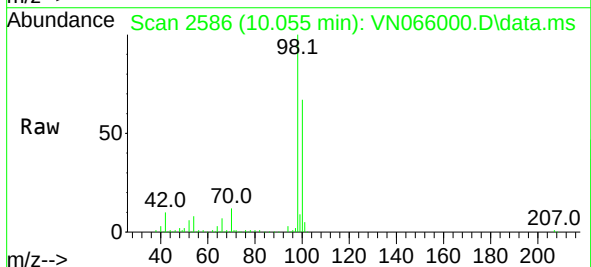
Instrument :
MSVOA_N
ClientSampled :

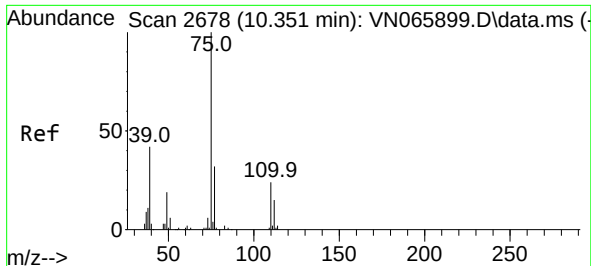
Tgt Ion: 98 Resp: 275620
Ion Ratio Lower Upper
98 100
100 66.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 172.0 32.5 48.7#

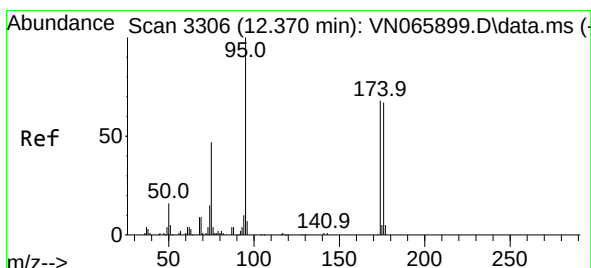
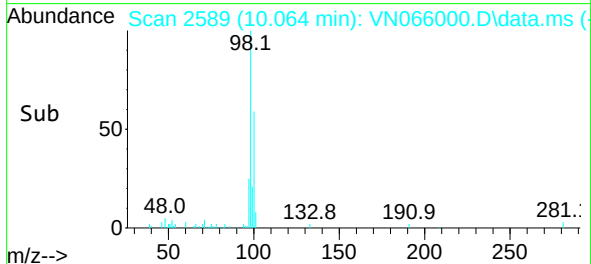
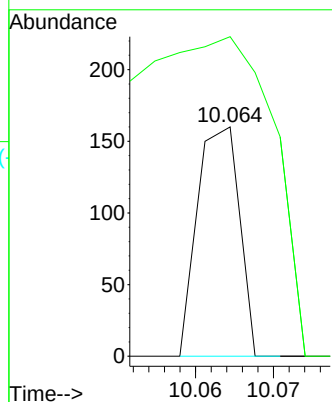
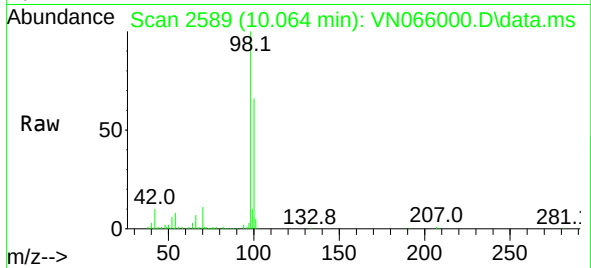




#53
t-1,3-Dichloropropene
Concen: 2.00 ug/l
RT: 10.064 min Scan# 2589
Delta R.T. -0.287 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

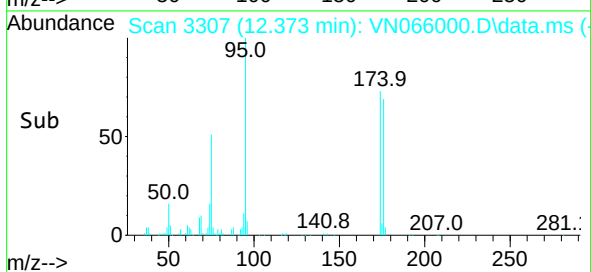
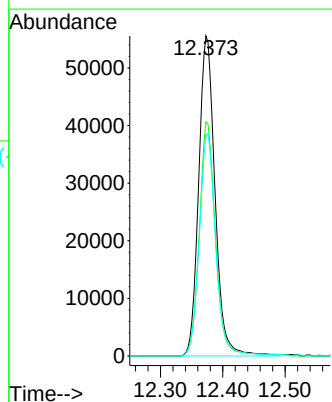
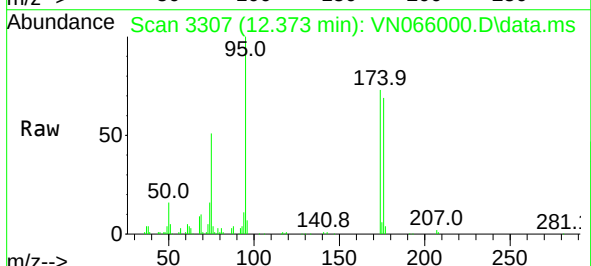
Instrument :
MSVOA_N
ClientSampled :

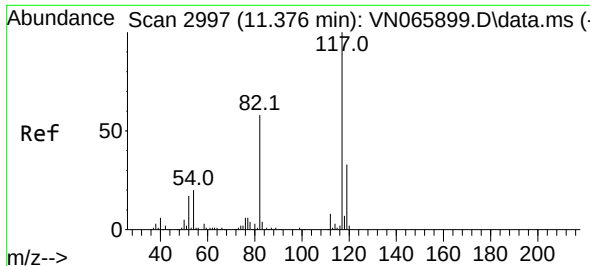
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
77 43.8 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 46.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

Tgt Ion: 95 Resp: 101345
Ion Ratio Lower Upper
95 100
174 71.8 0.0 169.0
176 69.1 0.0 162.4

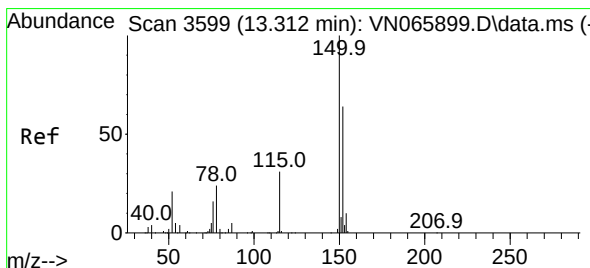
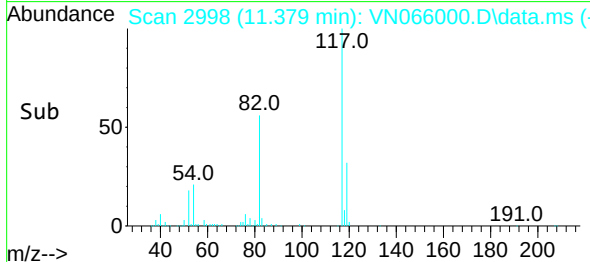
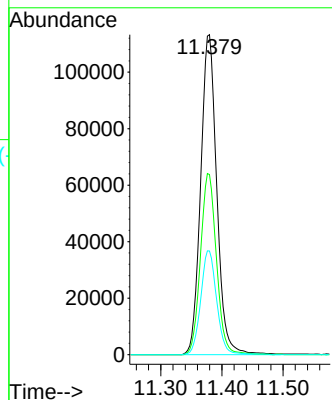
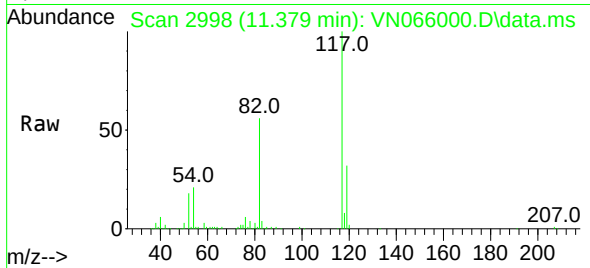




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

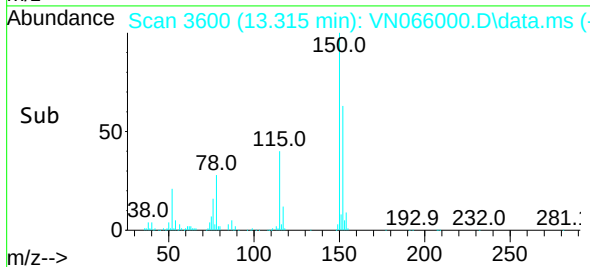
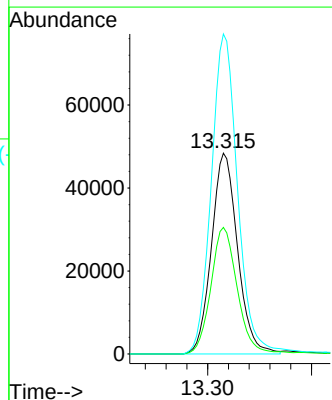
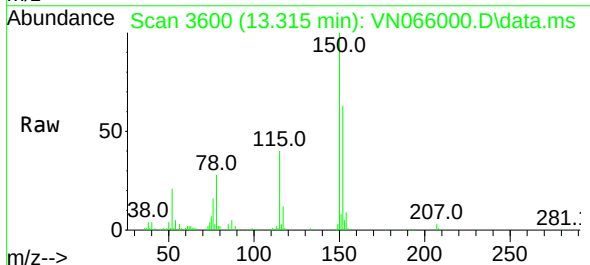
Instrument :
MSVOA_N
ClientSampled :

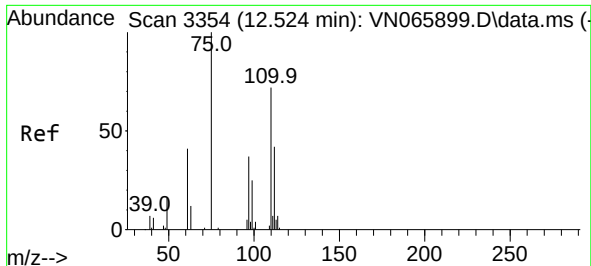
Tgt Ion:117 Resp: 207708
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

Tgt Ion:152 Resp: 84500
Ion Ratio Lower Upper
152 100
115 63.7 28.5 85.6
150 162.3 0.0 347.6

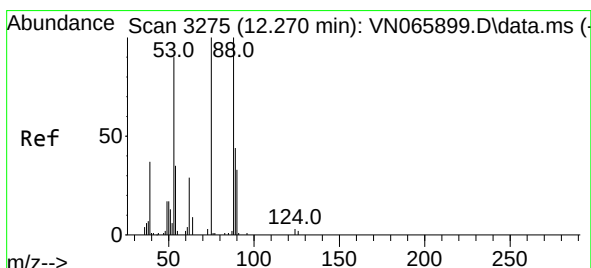
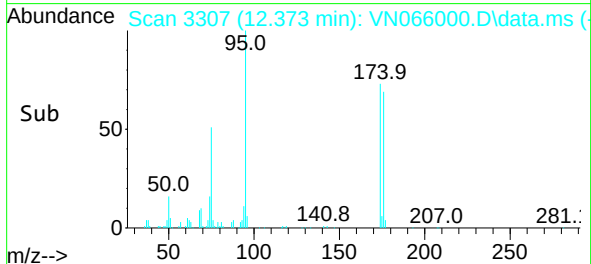
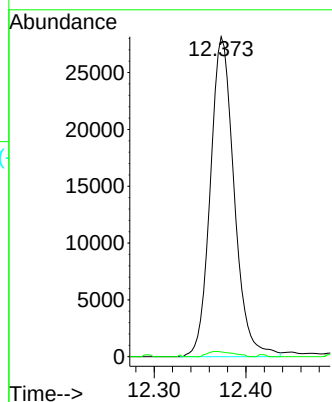
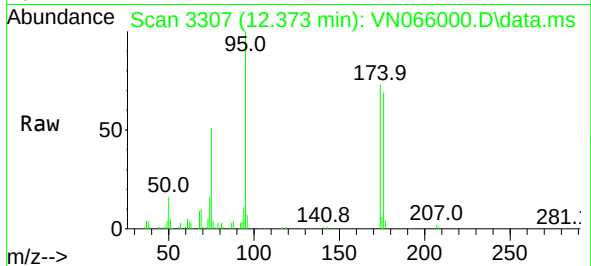




#76
1,2,3-Trichloropropane
Concen: 25.07 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

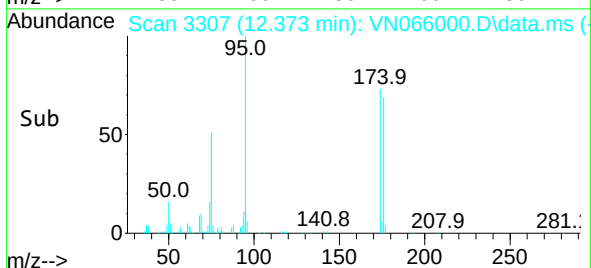
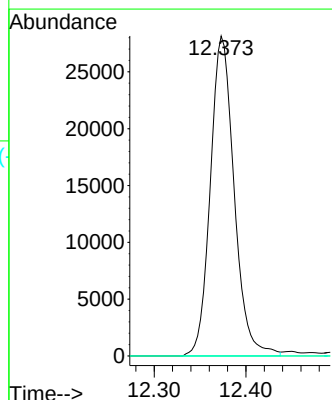
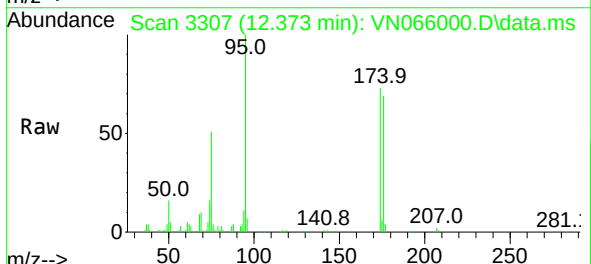
Instrument :
MSVOA_N
ClientSampled :

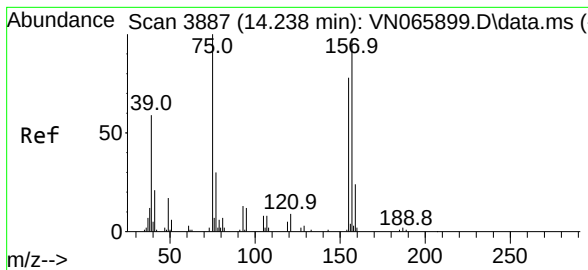
Tgt Ion: 75 Resp: 50898
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.91 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066000.D
Acq: 24 Feb 2021 13:43

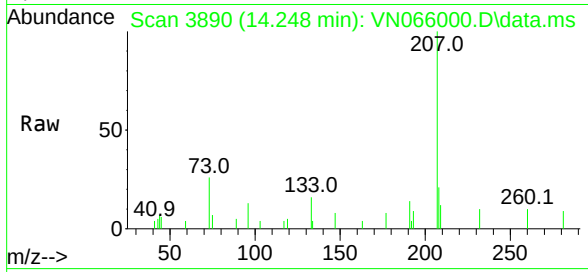
Tgt Ion: 75 Resp: 50898
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.02 ug/l
 RT: 14.248 min Scan# 3890
 Delta R.T. 0.010 min
 Lab File: VN066000.D
 Acq: 24 Feb 2021 13:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	72
Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.1	132.4#
157	0.0	56.0	168.2#

