

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066063.D
 Acq On : 26 Feb 2021 19:52
 Operator : JC/MD
 Sample : M1491-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-01-022521

Quant Time: Feb 26 23:37:50 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)

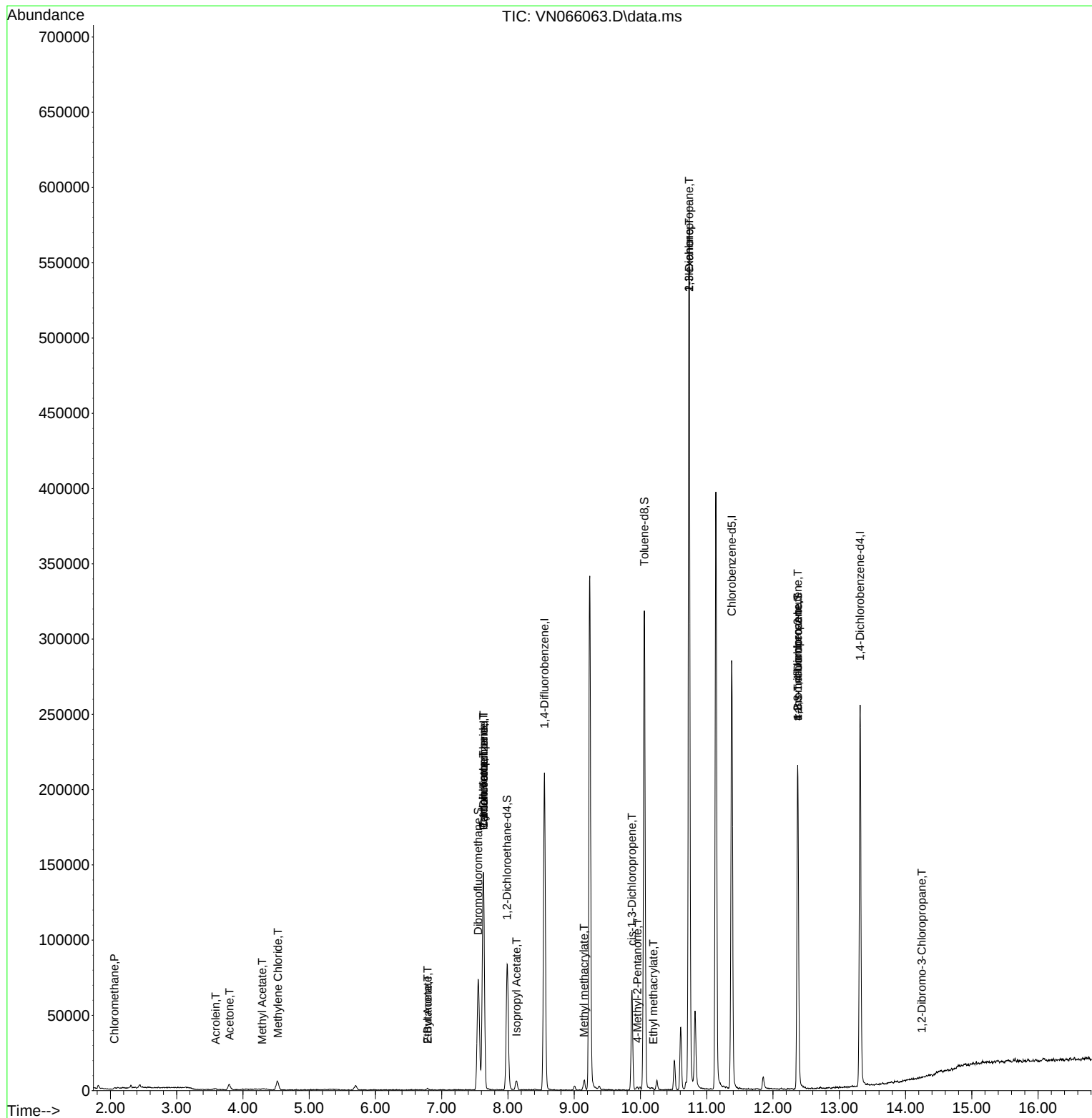
Internal Standards						
1) Pentafluorobenzene	7.630	168	115932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	186115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	170554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	72298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	79499	49.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.08%		
35) Dibromofluoromethane	7.550	113	58143	50.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.96%		
50) Toluene-d8	10.058	98	226233	47.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.70%		
62) 4-Bromofluorobenzene	12.373	95	84632	47.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.36%		
Target Compounds						Qvalue
3) Chloromethane	2.058	50	614	0.32	ug/l #	42
13) Acrolein	3.589	56	1017	4.93	ug/l	89
16) Acetone	3.798	43	6414	11.06	ug/l	95
18) Methyl Acetate	4.290	43	589	0.44	ug/l #	51
20) Methylene Chloride	4.528	84	4971	3.31	ug/l	87
25) 2-Butanone	6.788	43	1044	1.30	ug/l #	46
31) Cyclohexane	7.627	56	2290	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	8894	4.85	ug/l #	49
37) Ethyl Acetate	6.788	43	1044	0.63	ug/l #	68
38) Carbon Tetrachloride	7.630	117	12085	7.09	ug/l #	15
43) Isopropyl Acetate	8.129	43	7443	2.82	ug/l #	86
48) Methyl methacrylate	9.145	41	1519	1.14	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	1406	0.87	ug/l	89
54) cis-1,3-Dichloropropene	9.871	75	12916	5.82	ug/l #	62
56) Ethyl methacrylate	10.196	69	704	0.36	ug/l #	27
57) 1,3-Dichloropropane	10.733	76	6274	2.75	ug/l #	43
59) 2-Hexanone	10.733	43	85628	74.80	ug/l #	49
76) 1,2,3-Trichloropropane	12.373	75	44318	25.52	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	44318	81.32	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.244	75	260	1.59	ug/l #	1

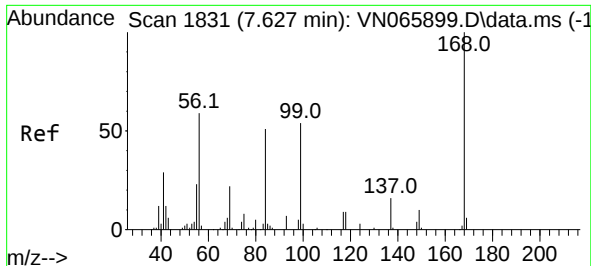
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
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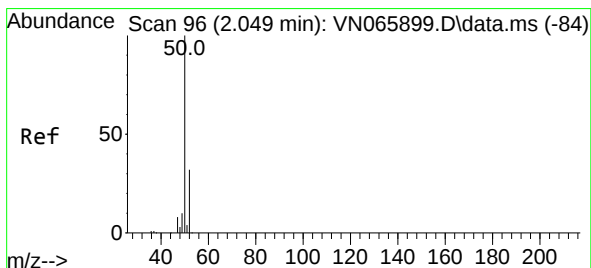
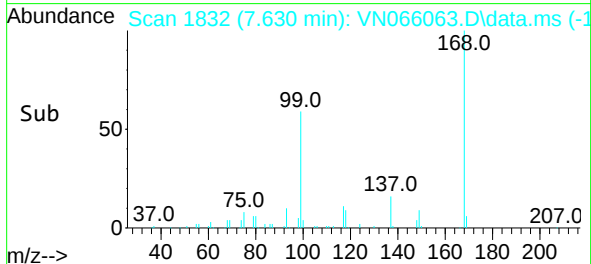
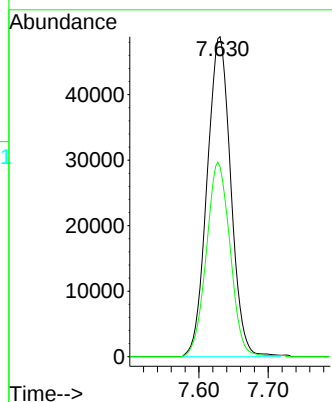
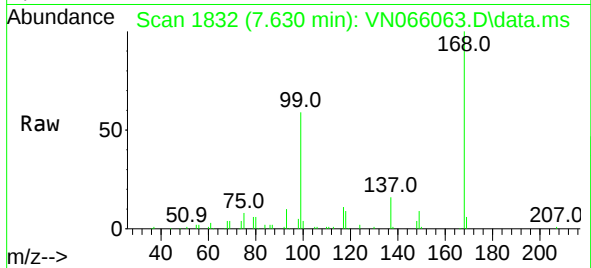




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

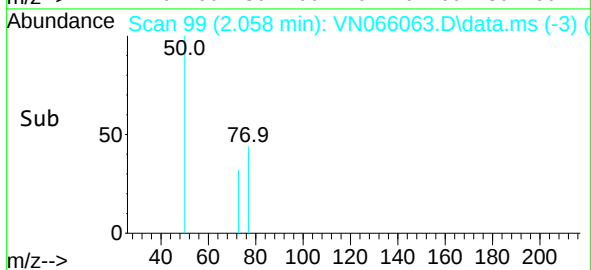
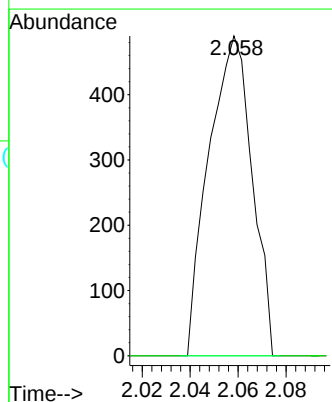
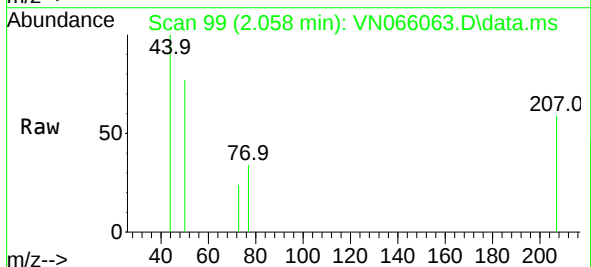
Instrument :
MSVOA_N
ClientSampleId :
SA-01-022521

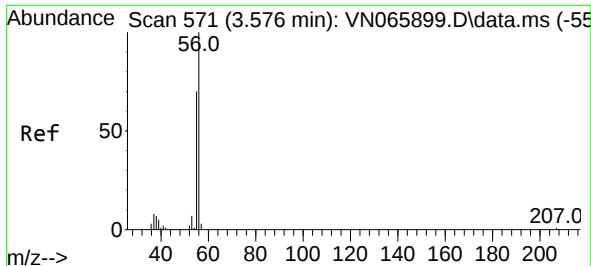
Tgt Ion:168 Resp: 115932
Ion Ratio Lower Upper
168 100
99 59.3 42.6 63.8



#3
Chloromethane
Concen: 0.32 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

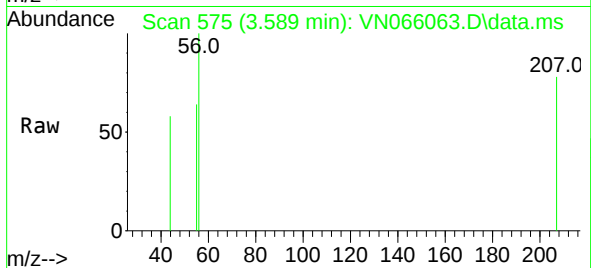
Tgt Ion: 50 Resp: 614
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#



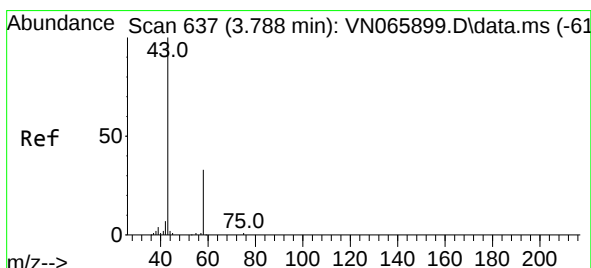
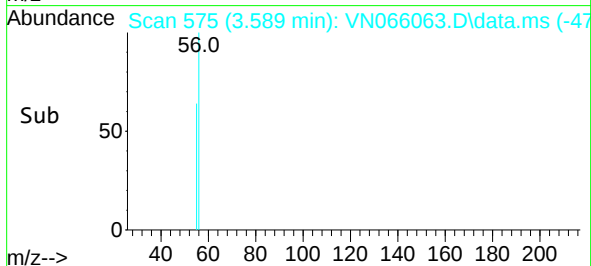
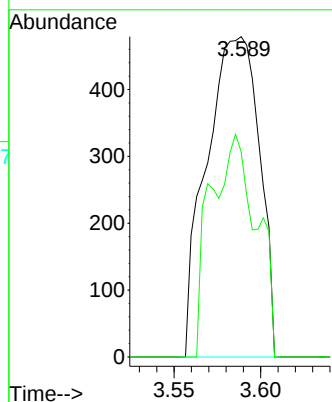


#13
Acrolein
Concen: 4.93 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

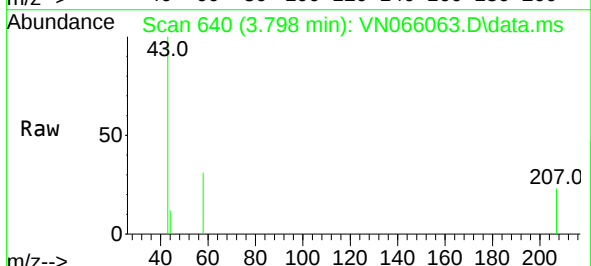
Instrument :
MSVOA_N
ClientSampled :
SA-01-022521



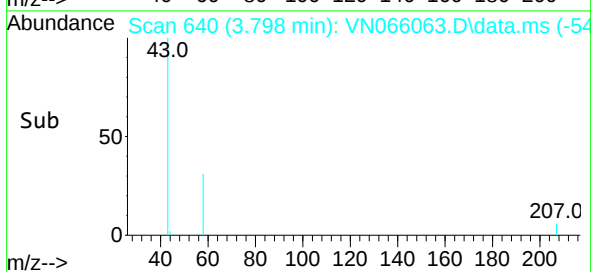
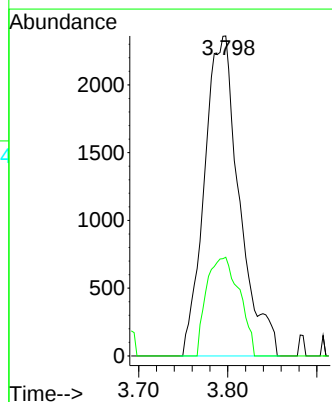
Tgt Ion: 56 Resp: 1017
Ion Ratio Lower Upper
56 100
55 60.6 56.0 84.0

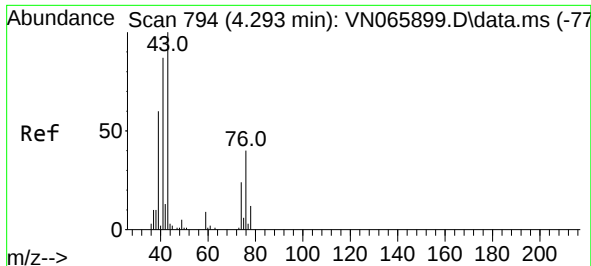


#16
Acetone
Concen: 11.06 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52



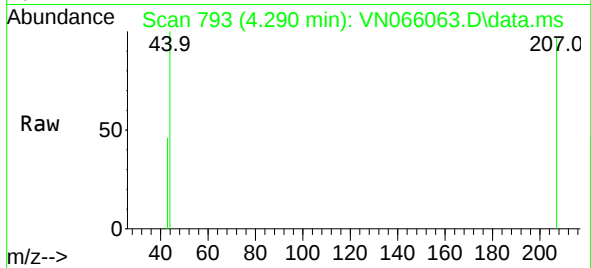
Tgt Ion: 43 Resp: 6414
Ion Ratio Lower Upper
43 100
58 30.8 27.0 40.6



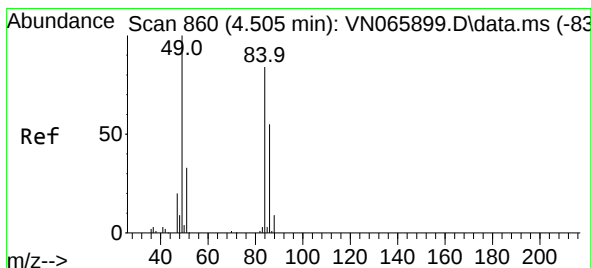
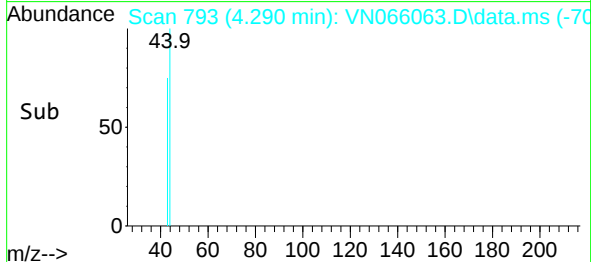
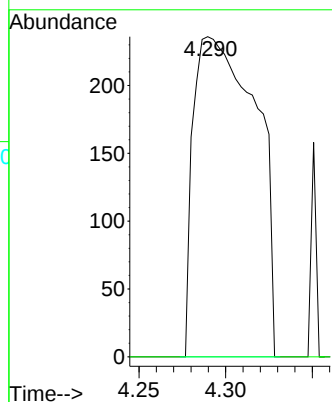


#18
Methyl Acetate
Concen: 0.44 ug/l
RT: 4.290 min Scan# 793
Delta R.T. -0.003 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Instrument :
MSVOA_N
ClientSampleId :
SA-01-022521

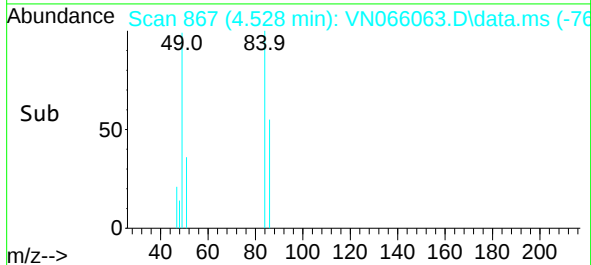
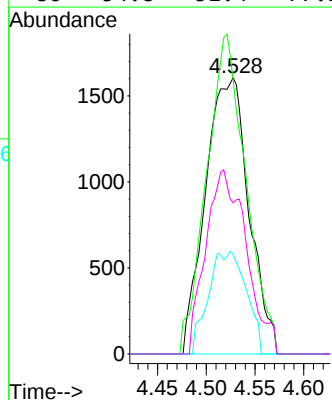
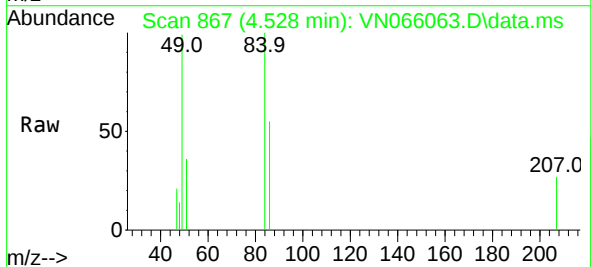


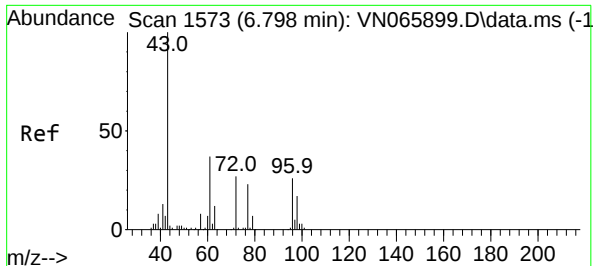
Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#20
Methylene Chloride
Concen: 3.31 ug/l
RT: 4.528 min Scan# 867
Delta R.T. 0.023 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Tgt Ion: 84 Resp: 4971
Ion Ratio Lower Upper
84 100
49 99.3 94.6 141.8
51 36.0 29.9 44.9
86 54.8 51.4 77.2

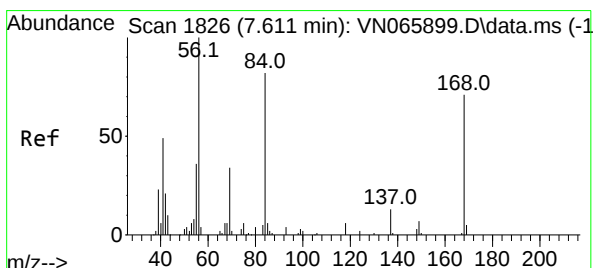
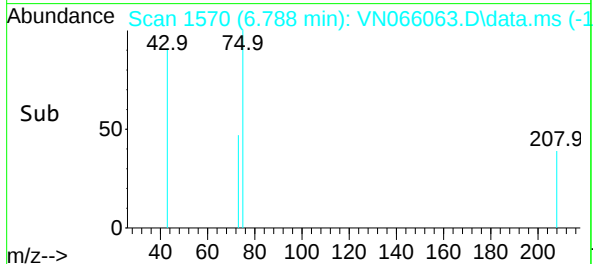
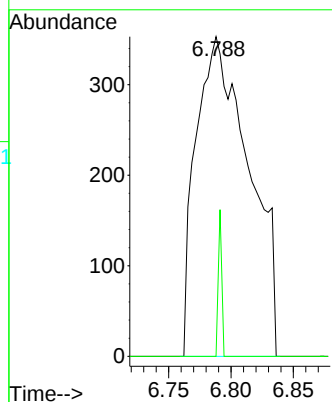
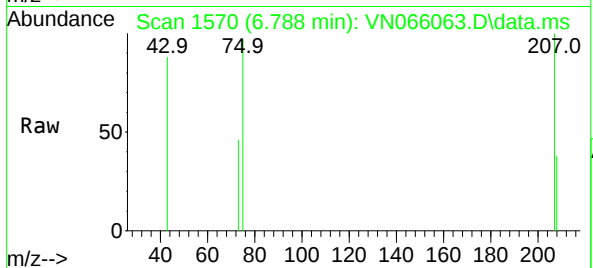




#25
2-Butanone
Concen: 1.30 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. -0.010 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

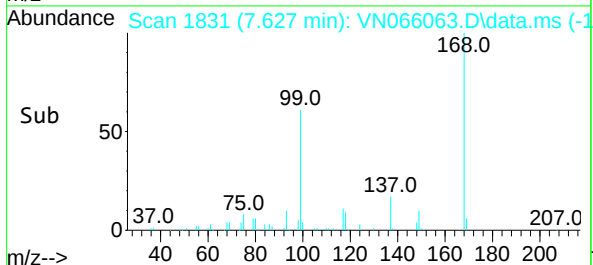
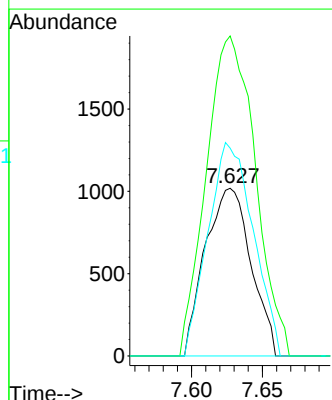
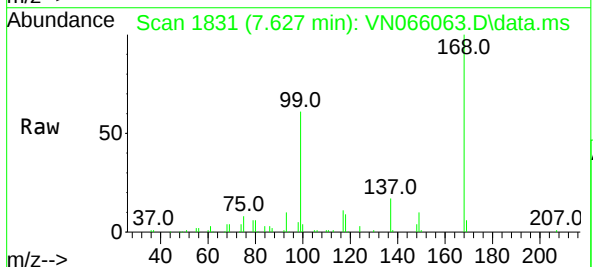
Instrument :
MSVOA_N
ClientSampleId :
SA-01-022521

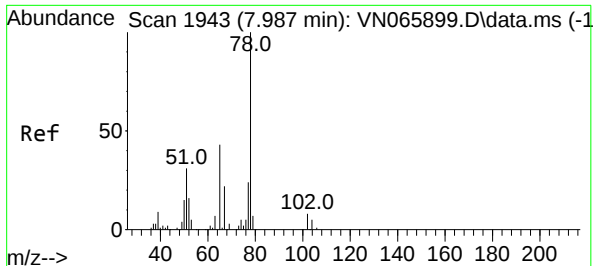
Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Tgt Ion: 56 Resp: 2290
Ion Ratio Lower Upper
56 100
69 190.8 26.6 39.8#
84 123.9 70.4 105.6#

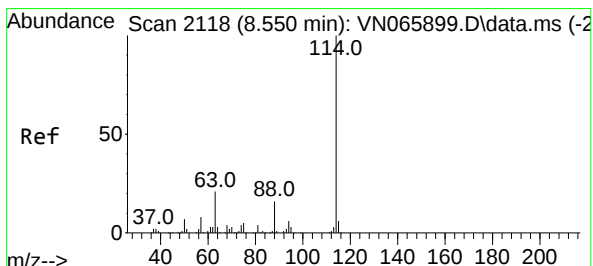
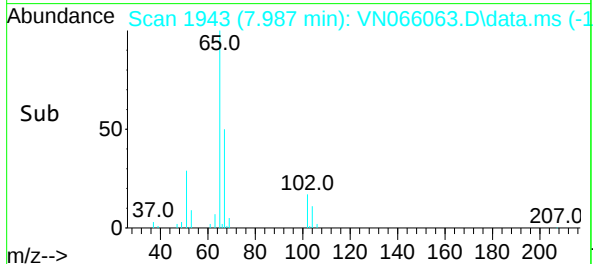
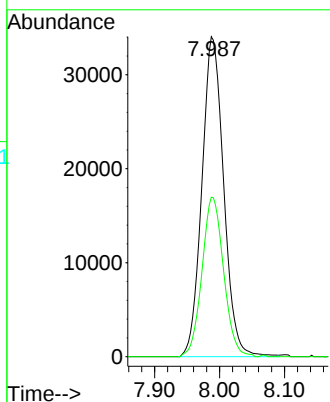
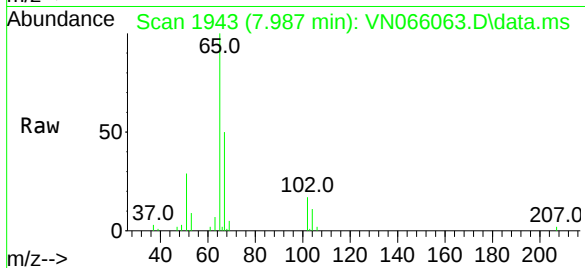




#33
1,2-Dichloroethane-d4
Concen: 49.04 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

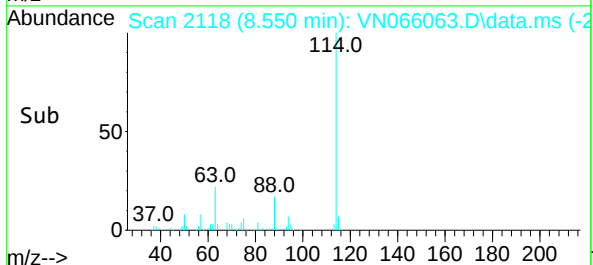
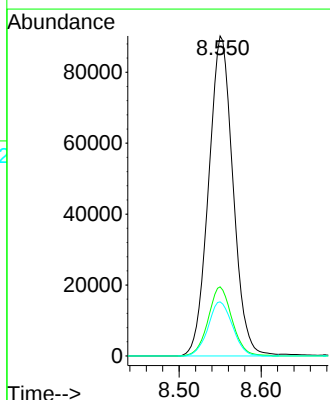
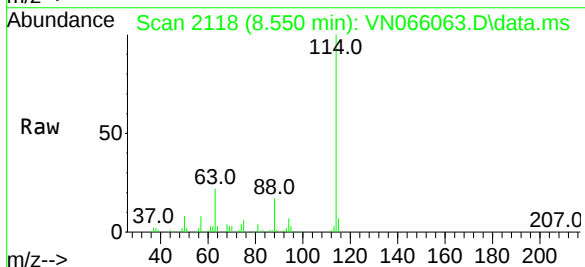
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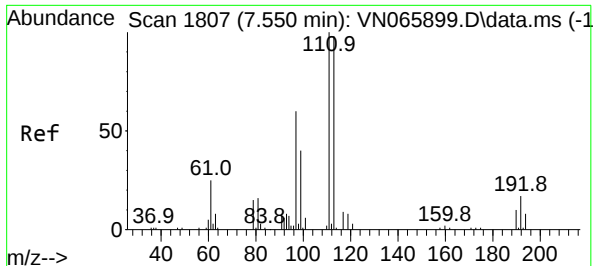
Tgt Ion: 65 Resp: 79499
Ion Ratio Lower Upper
65 100
67 49.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Tgt Ion: 114 Resp: 186115
Ion Ratio Lower Upper
114 100
63 21.6 0.0 38.6
88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.48 ug/l

RT: 7.550 min Scan# 1807

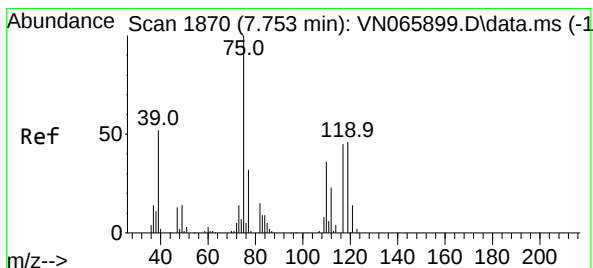
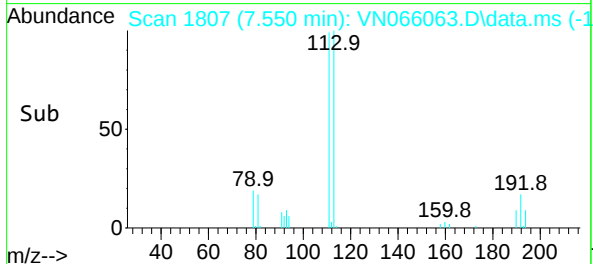
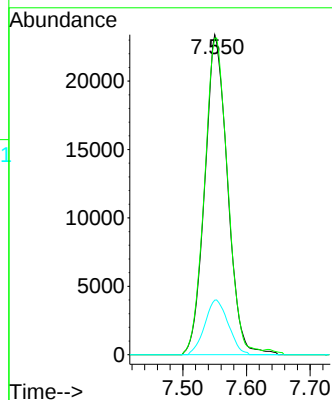
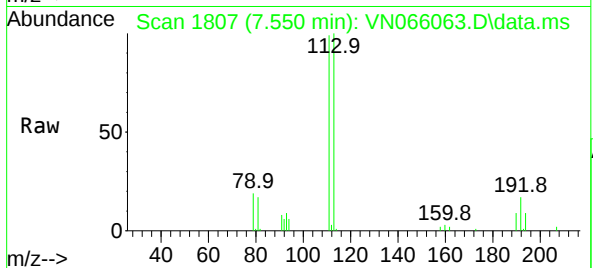
Delta R.T. -0.000 min

Lab File: VN066063.D

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Tgt Ion:	113	Resp:	58143
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.2	123.2
192	17.6	15.4	23.0

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ClientSampleId :
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#36

1,1-Dichloropropene

Concen: 4.85 ug/l

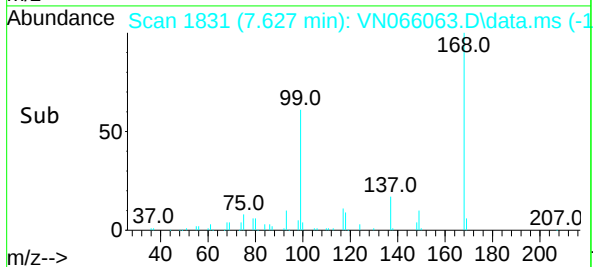
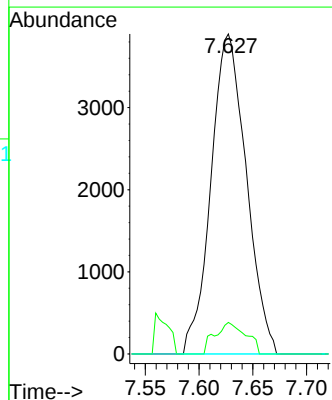
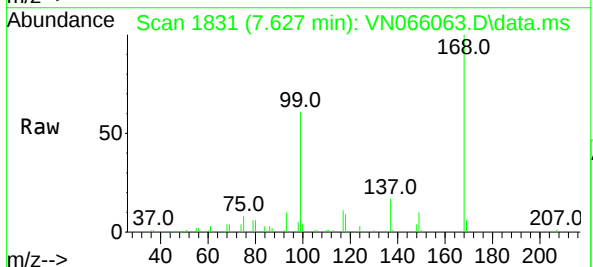
RT: 7.627 min Scan# 1831

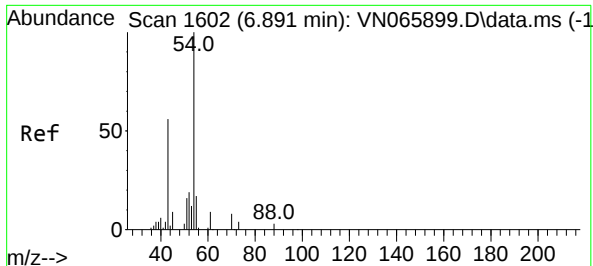
Delta R.T. -0.126 min

Lab File: VN066063.D

Acq: 26 Feb 2021 19:52

Tgt Ion:	75	Resp:	8894
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.2	54.6#
77	0.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 0.63 ug/l

RT: 6.788 min Scan# 1570

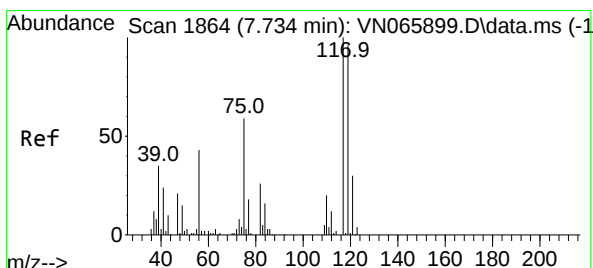
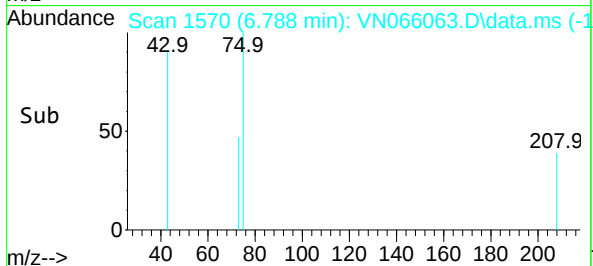
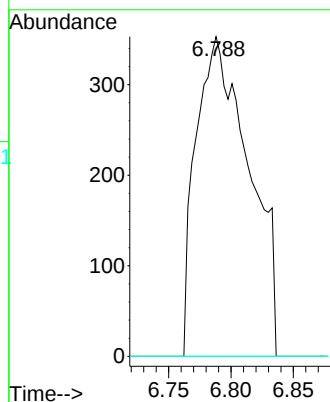
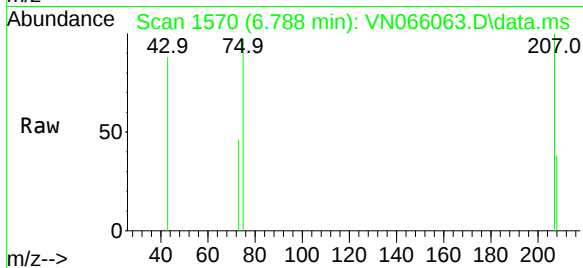
Delta R.T. -0.103 min

Lab File: VN066063.D

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Tgt Ion:	43	Resp:	1044
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#

Instrument :
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ClientSampleId :
SA-01-022521



#38

Carbon Tetrachloride

Concen: 7.09 ug/l

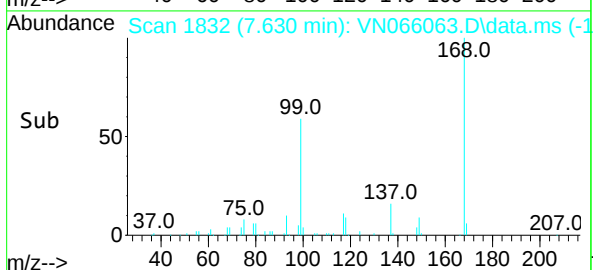
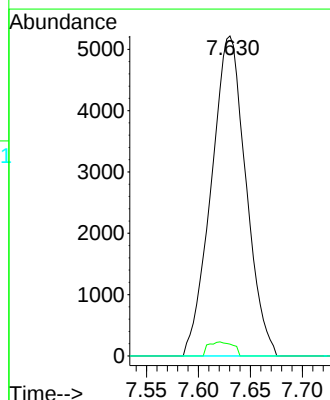
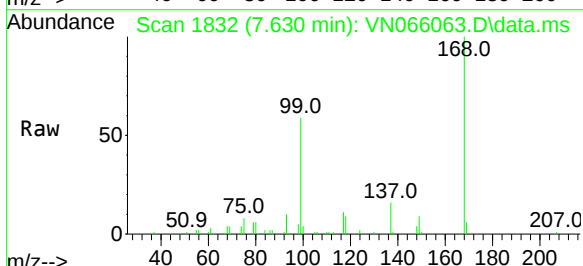
RT: 7.630 min Scan# 1832

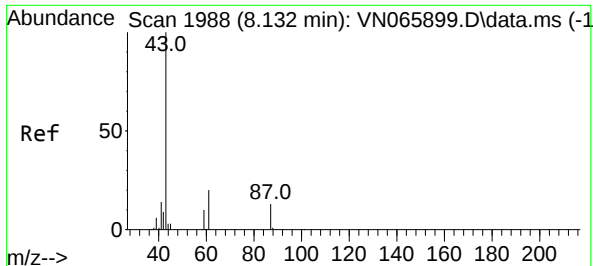
Delta R.T. -0.104 min

Lab File: VN066063.D

Acq: 26 Feb 2021 19:52

Tgt Ion:	117	Resp:	12085
Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.0	114.0#
121	0.0	24.5	36.7#



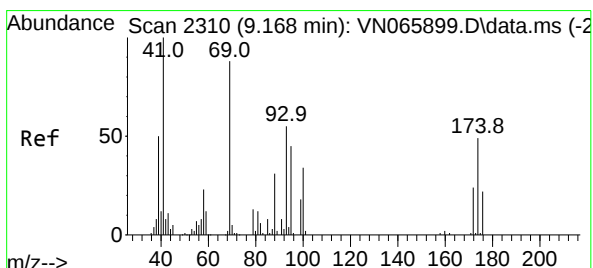
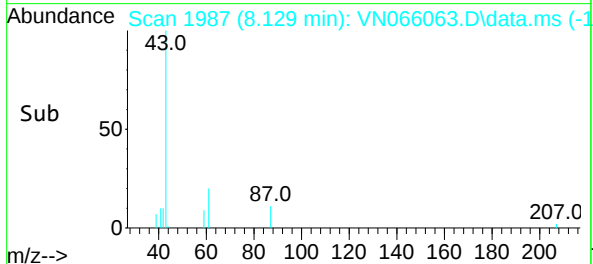
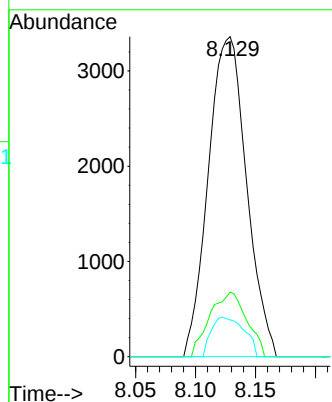
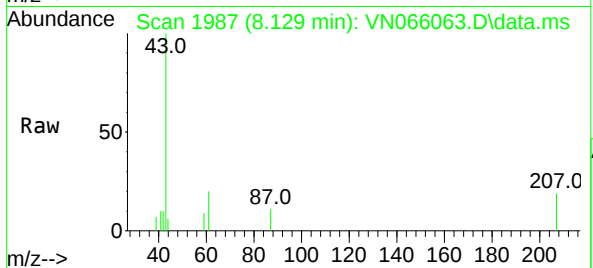


#43

Isopropyl Acetate
Concen: 2.82 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.003 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Instrument :
MSVOA_N
ClientSampleId :
SA-01-022521

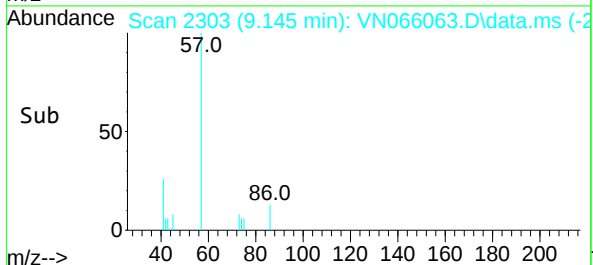
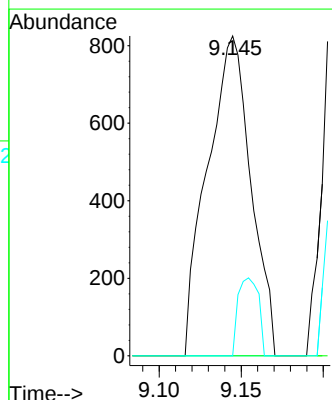
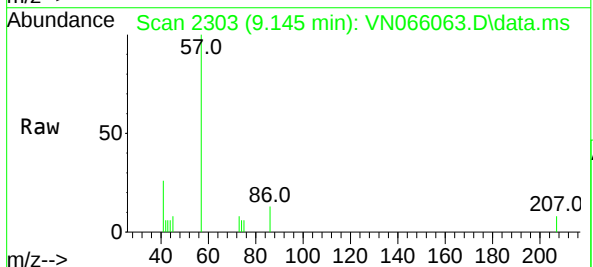
Tgt Ion: 43 Resp: 7443
Ion Ratio Lower Upper
43 100
61 19.5 22.5 33.7#
87 10.6 11.1 16.7#

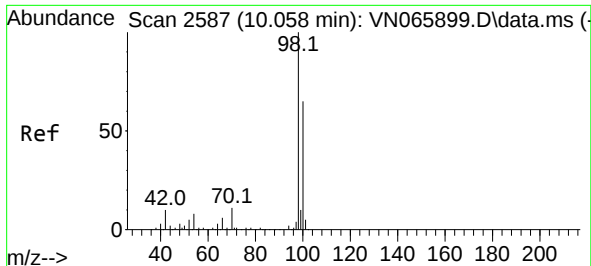


#48

Methyl methacrylate
Concen: 1.14 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.023 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Tgt Ion: 41 Resp: 1519
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

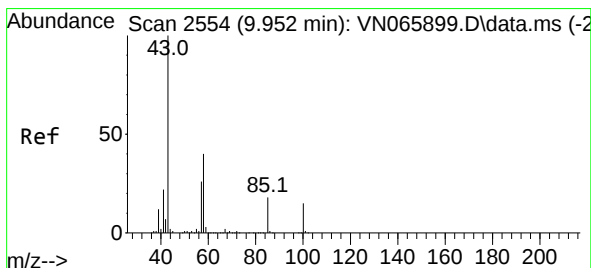
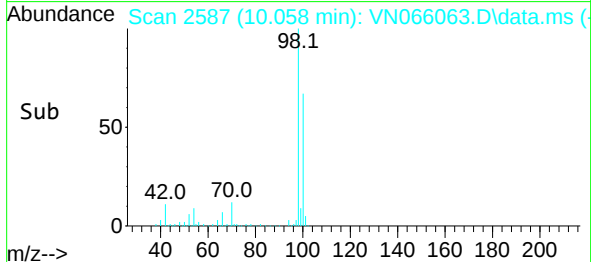
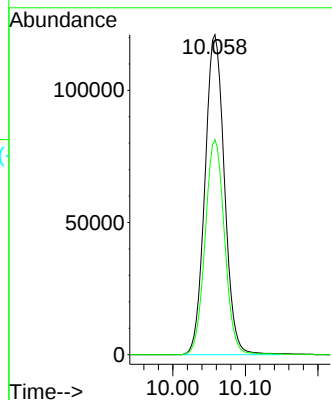
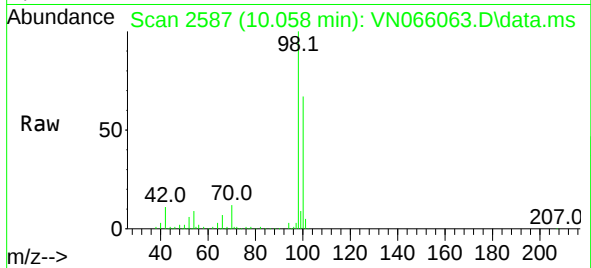




#50
Toluene-d8
Concen: 47.85 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

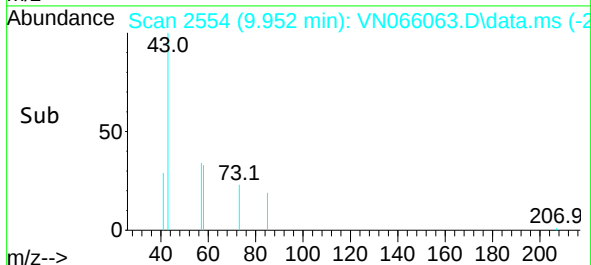
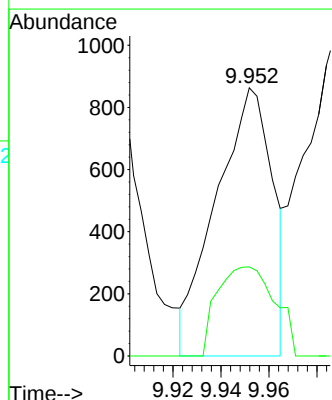
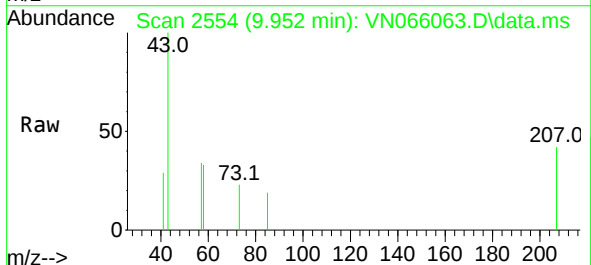
Instrument :
MSVOA_N
ClientSampleId :
SA-01-022521

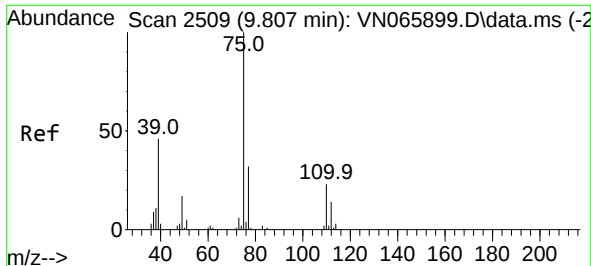
Tgt Ion: 98 Resp: 226233
Ion Ratio Lower Upper
98 100
100 66.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.87 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
58 34.0 32.5 48.7

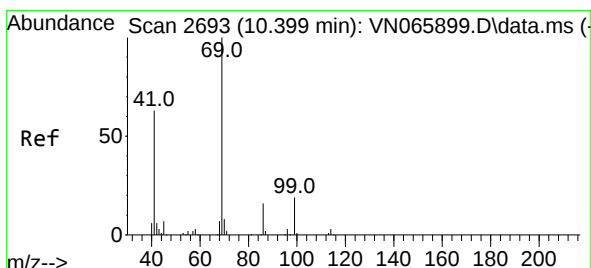
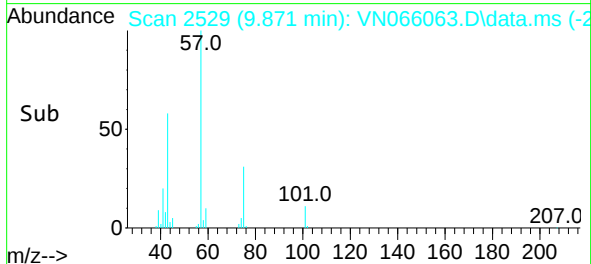
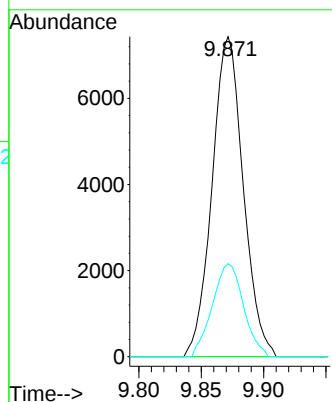
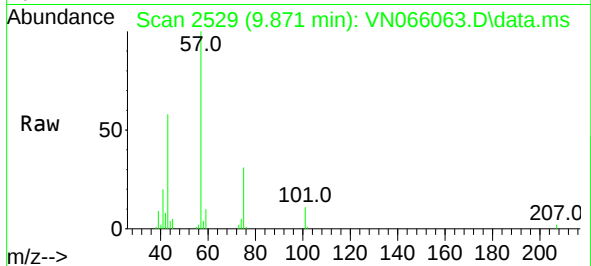




#54
cis-1,3-Dichloropropene
Concen: 5.82 ug/l
RT: 9.871 min Scan# 2529
Delta R.T. 0.064 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

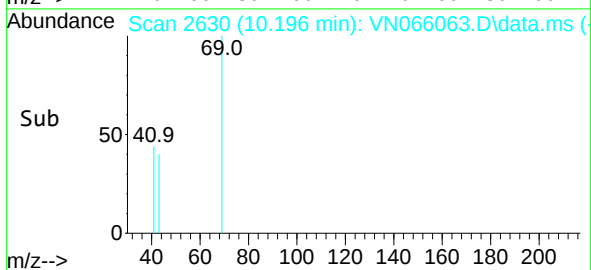
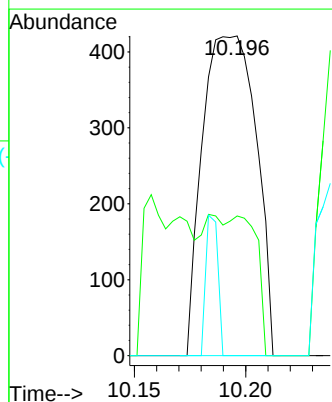
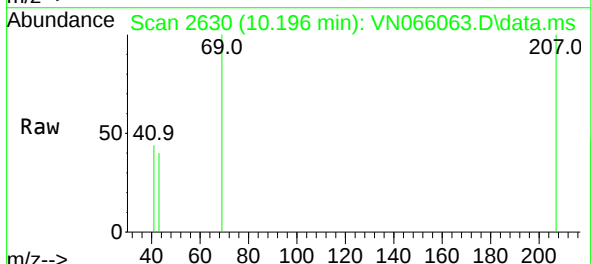
Instrument :
MSVOA_N
ClientSampled :
SA-01-022521

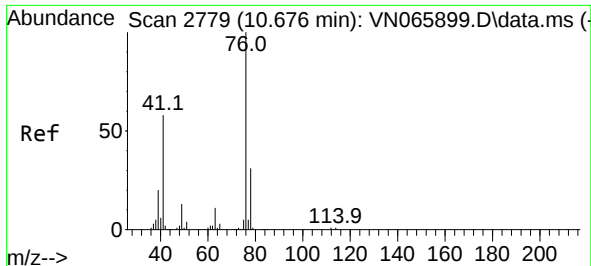
Tgt Ion: 75	Resp: 12916
Ion Ratio	Lower Upper
75 100	
77 0.0	24.9 37.3#
39 29.1	36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.36 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Tgt Ion: 69	Resp: 704
Ion Ratio	Lower Upper
69 100	
41 0.0	49.6 74.4#
39 0.0	28.0 42.0#

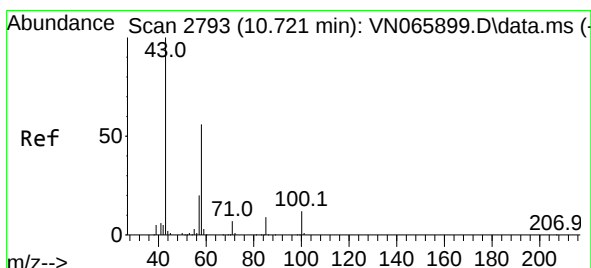
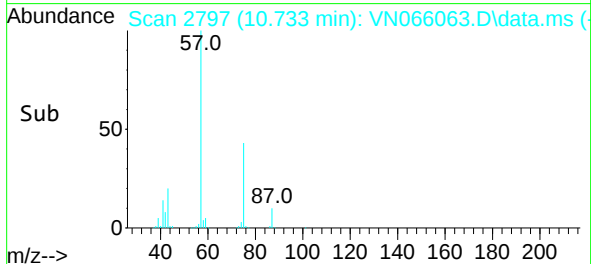
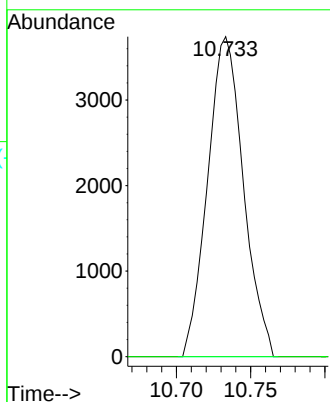
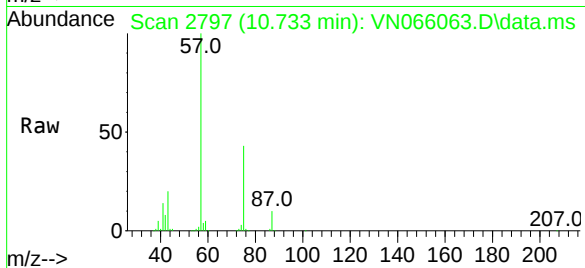




#57
1,3-Dichloropropane
Concen: 2.75 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.057 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

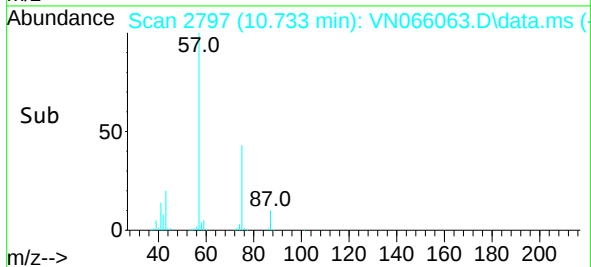
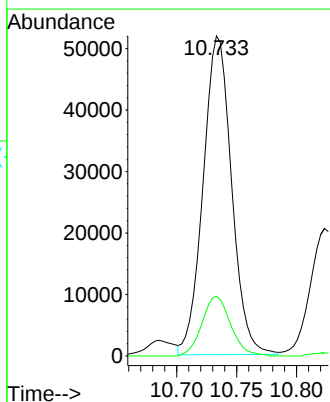
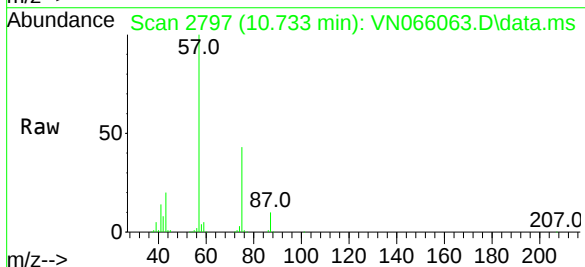
Instrument :
MSVOA_N
ClientSampleId :
SA-01-022521

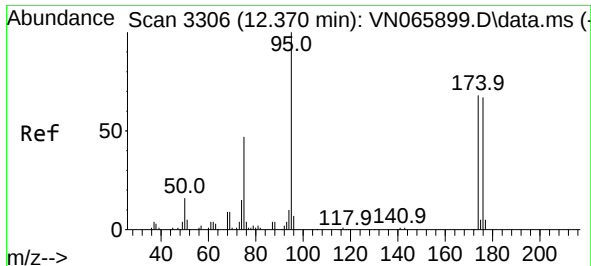
Tgt Ion: 76 Resp: 6274
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 74.80 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.012 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Tgt Ion: 43 Resp: 85628
Ion Ratio Lower Upper
43 100
58 18.8 28.1 84.3#

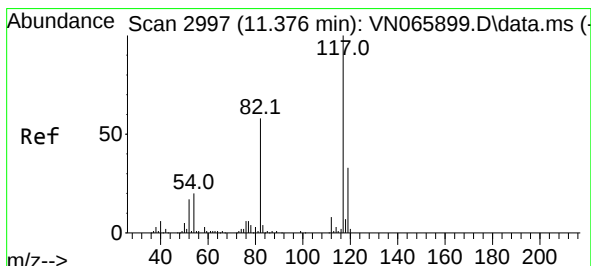
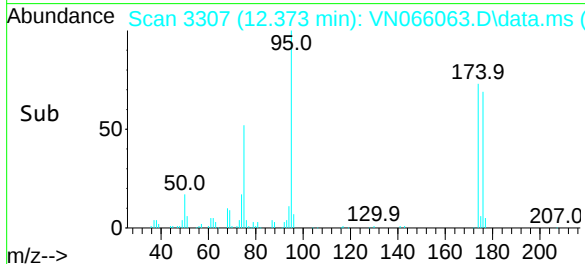
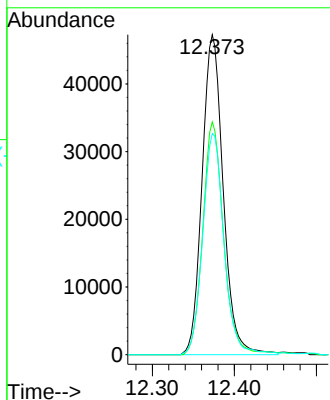
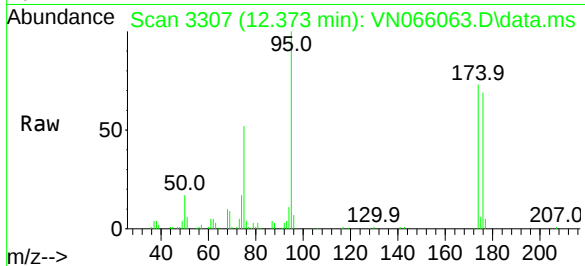




#62
4-Bromofluorobenzene
Concen: 47.68 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

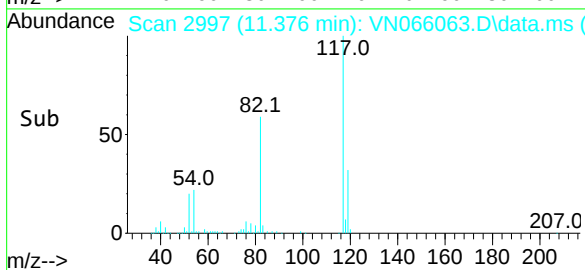
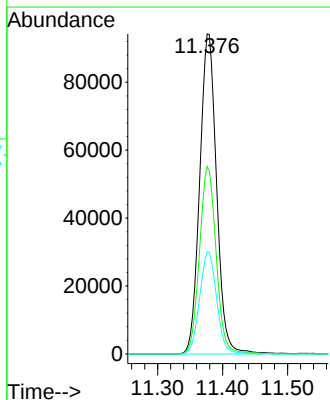
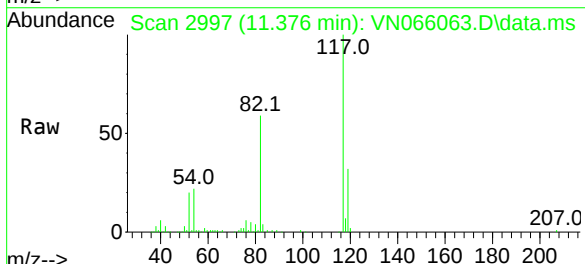
Instrument :
MSVOA_N
ClientSampleId :
SA-01-022521

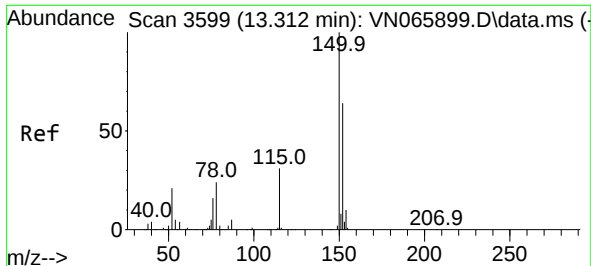
Tgt Ion: 95 Resp: 84632
Ion Ratio Lower Upper
95 100
174 71.9 0.0 169.0
176 69.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Tgt Ion: 117 Resp: 170554
Ion Ratio Lower Upper
117 100
82 58.5 43.7 65.5
119 31.9 26.1 39.1

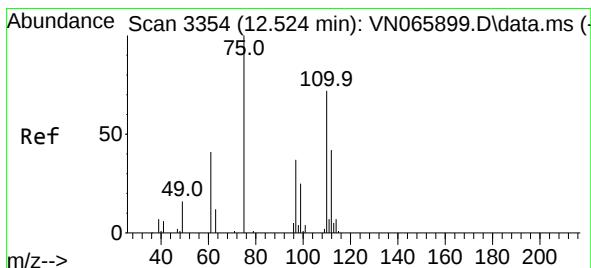
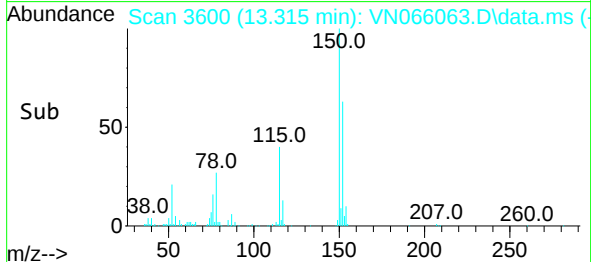
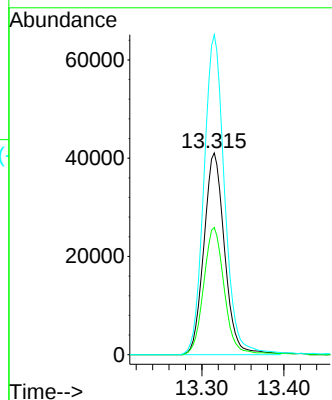
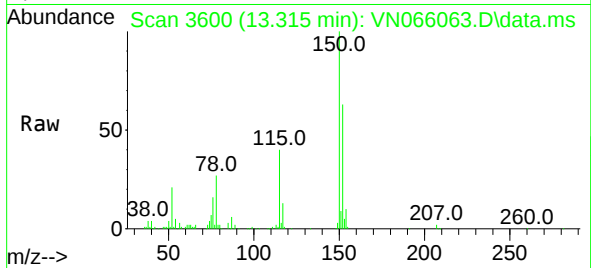




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

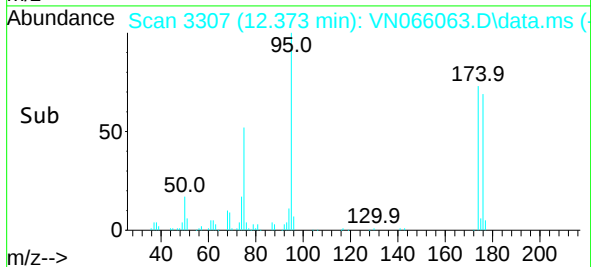
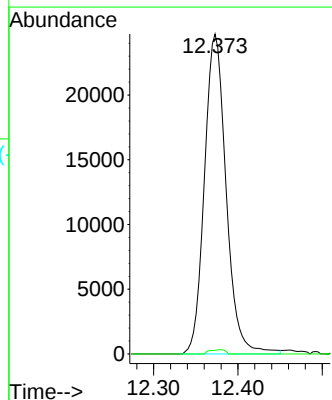
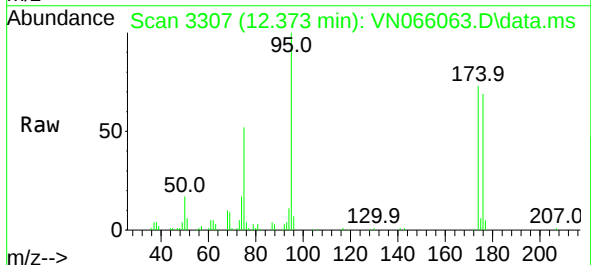
Instrument :
MSVOA_N
ClientSampleId :
SA-01-022521

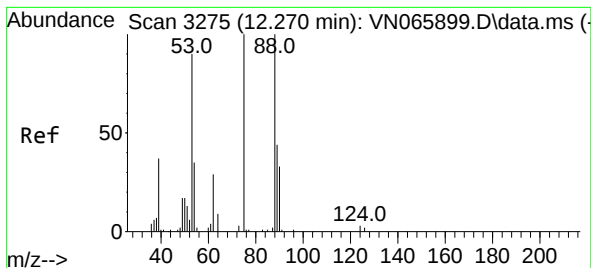
Tgt Ion:152 Resp: 72298
Ion Ratio Lower Upper
152 100
115 63.1 28.5 85.6
150 158.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 25.52 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066063.D
Acq: 26 Feb 2021 19:52

Tgt Ion: 75 Resp: 44318
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

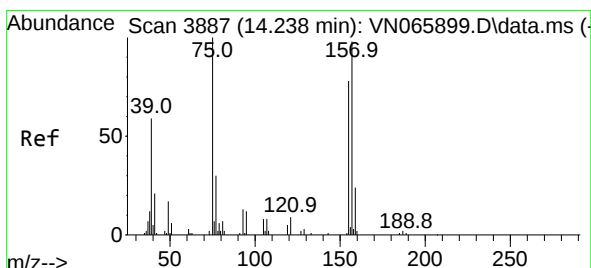
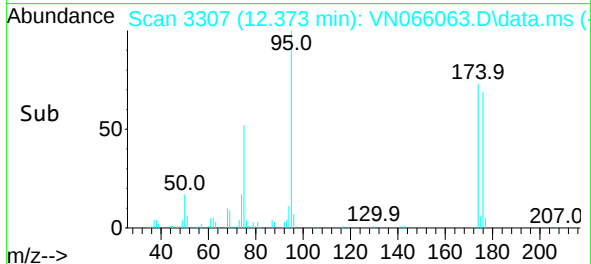
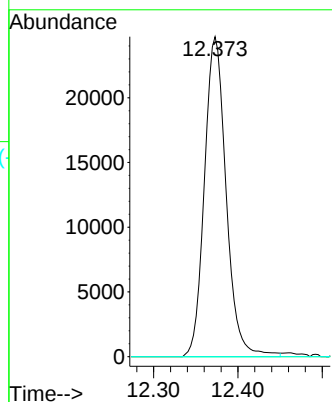
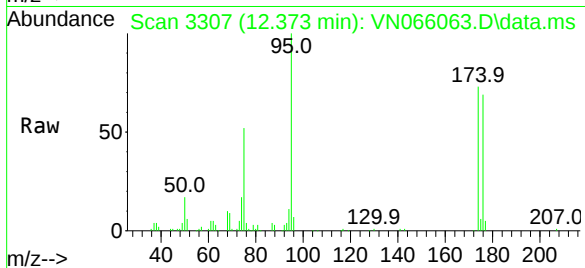




#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.32 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN066063.D
 Acq: 26 Feb 2021 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-01-022521

Tgt Ion: 75 Resp: 44318
 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: 1.59 ug/l
 RT: 14.244 min Scan# 3889
 Delta R.T. 0.006 min
 Lab File: VN066063.D
 Acq: 26 Feb 2021 19:52

Tgt Ion: 75 Resp: 260
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#

