

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066748.D
 Acq On : 23 Apr 2021 19:21
 Operator : JC/MD
 Sample : M2132-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 26 09:13:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

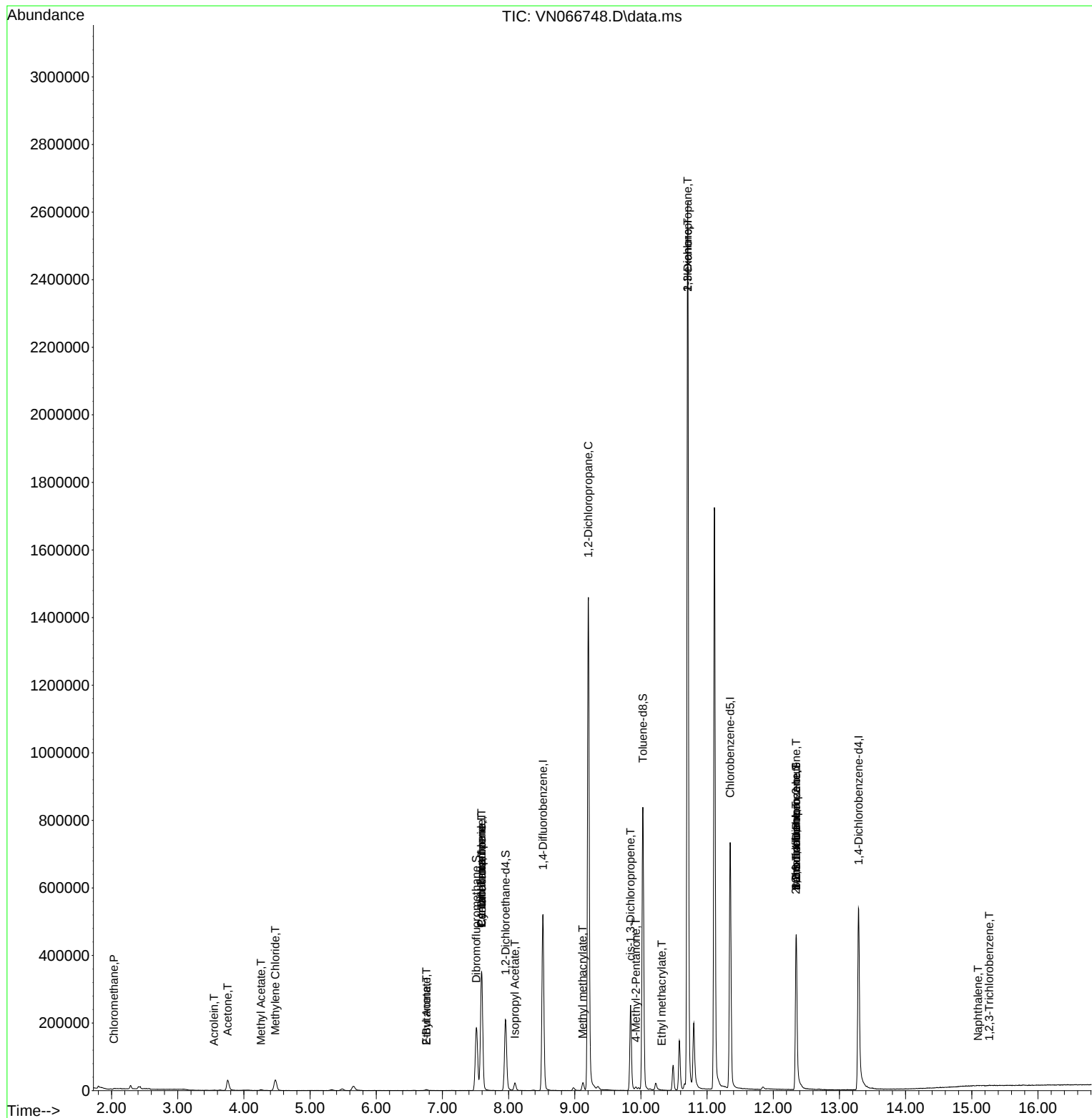
Internal Standards						
1) Pentafluorobenzene	7.594	168	311874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	483279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	447513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	194493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	179420	47.09	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.18%			
35) Dibromofluoromethane	7.513	113	152209	50.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.58%			
50) Toluene-d8	10.029	98	600526	50.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.76%			
62) 4-Bromofluorobenzene	12.346	95	191458	47.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.74%			
Target Compounds						Qvalue
3) Chloromethane	2.037	50	1255	0.25	ug/l	98
13) Acrolein	3.549	56	745	1.40	ug/l #	70
16) Acetone	3.756	43	52968	37.14	ug/l	98
18) Methyl Acetate	4.260	43	5129	1.30	ug/l #	55
20) Methylene Chloride	4.475	84	23850	5.62	ug/l	95
25) 2-Butanone	6.757	43	4730	2.31	ug/l #	85
31) Cyclohexane	7.594	56	5776	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	21791	4.85	ug/l #	48
37) Ethyl Acetate	6.757	43	4730	1.00	ug/l #	68
38) Carbon Tetrachloride	7.591	117	26729	6.25	ug/l #	18
43) Isopropyl Acetate	8.095	43	27494	3.65	ug/l #	83
45) 1,2-Dichloropropane	9.203	63	1867	0.47	ug/l #	44
48) Methyl methacrylate	9.117	41	5898	1.78	ug/l #	10
51) 4-Methyl-2-Pentanone	9.924	43	7131	1.69	ug/l	93
54) cis-1,3-Dichloropropene	9.844	75	47233	8.14	ug/l #	61
56) Ethyl methacrylate	10.316	69	55	3.16	ug/l #	27
57) 1,3-Dichloropropane	10.707	76	26484	4.68	ug/l #	43
59) 2-Hexanone	10.707	43	373311	126.76	ug/l #	50
71) Bromoform	12.346	173	1295	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	91381	21.96	ug/l #	100
79) 2-Chlorotoluene	12.343	91	424	0.98	ug/l #	40
81) trans-1,4-Dichloro-2-b...	12.346	75	91381	65.34	ug/l #	12
95) Naphthalene	15.093	128	729	1.92	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.264	180	54	1.37	ug/l #	12

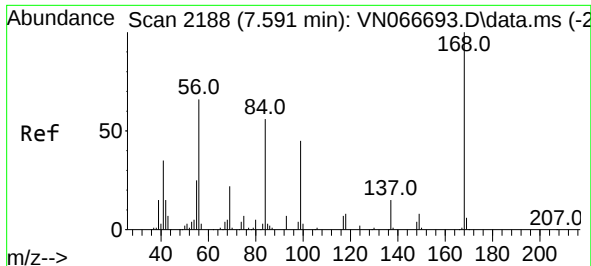
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 09:13:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 22 08:25:55 2021
Response via : Initial Calibration

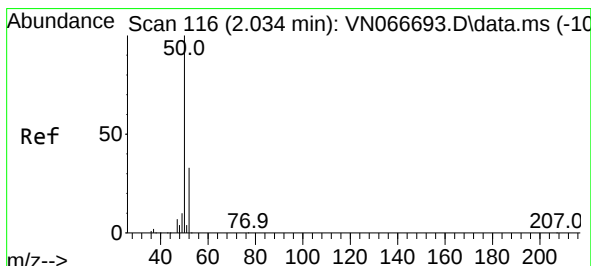
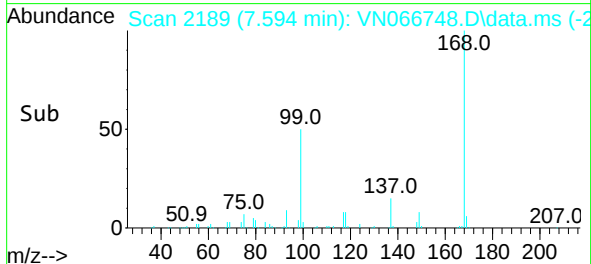
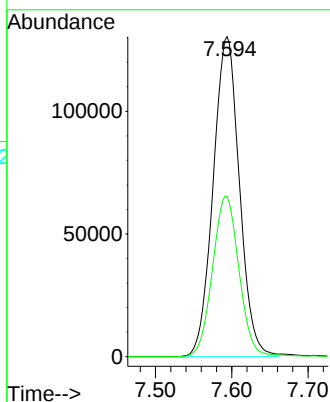
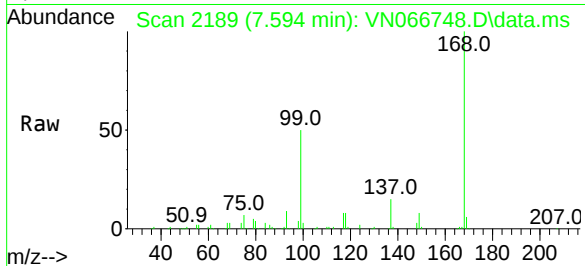




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

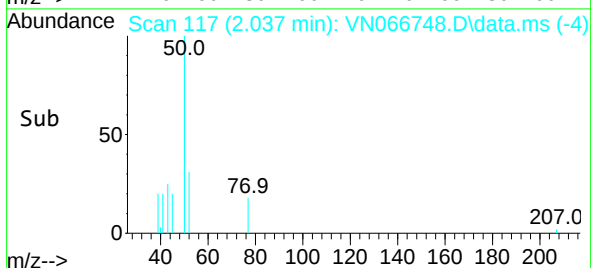
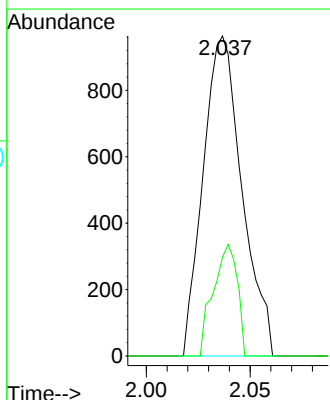
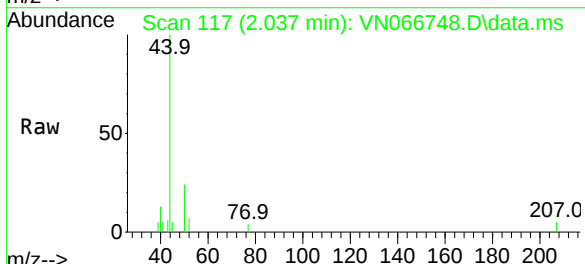
Instrument :
MSVOA_N
ClientSampled :

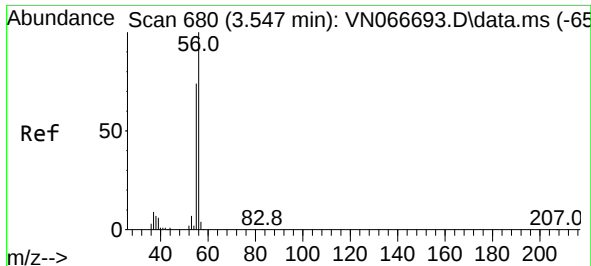
Tgt Ion:168 Resp: 311874
Ion Ratio Lower Upper
168 100
99 50.1 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 50 Resp: 1255
Ion Ratio Lower Upper
50 100
52 30.9 25.8 38.8

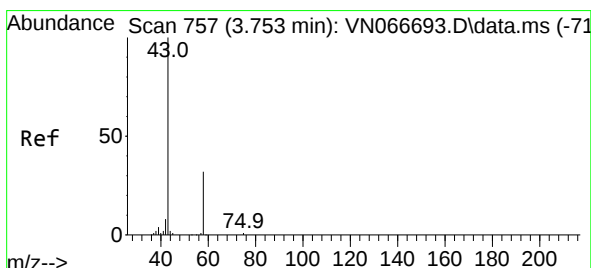
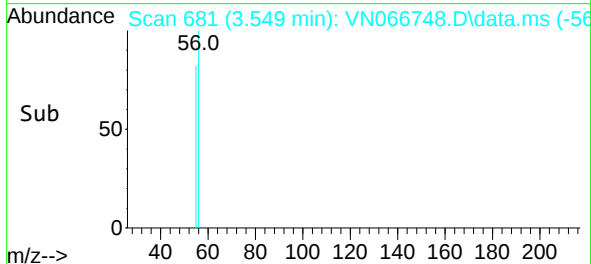
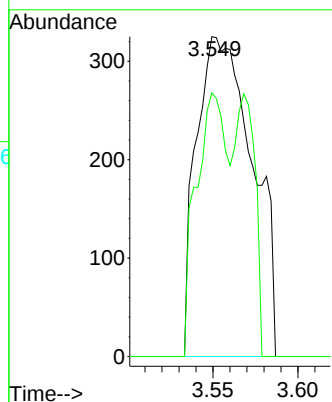
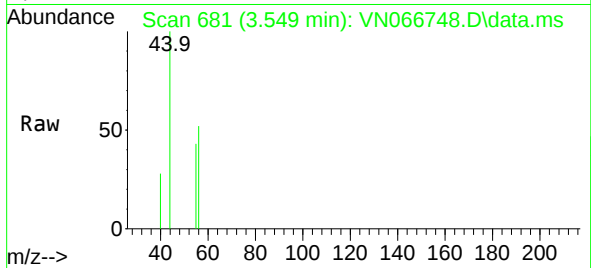




#13
Acrolein
Concen: 1.40 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

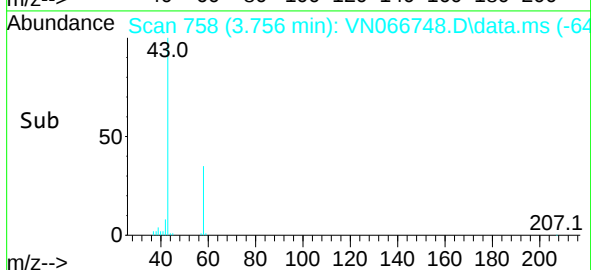
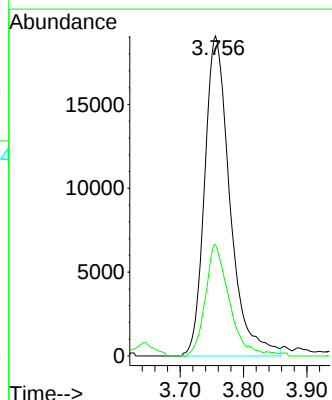
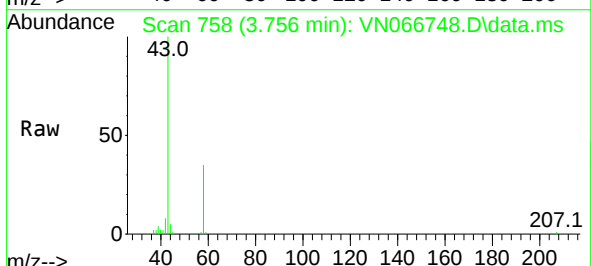
Instrument :
MSVOA_N
ClientSampled :

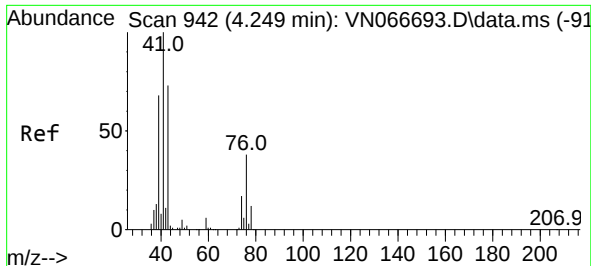
Tgt Ion: 56 Resp: 745
Ion Ratio Lower Upper
56 100
55 45.8 56.0 84.0#



#16
Acetone
Concen: 37.14 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

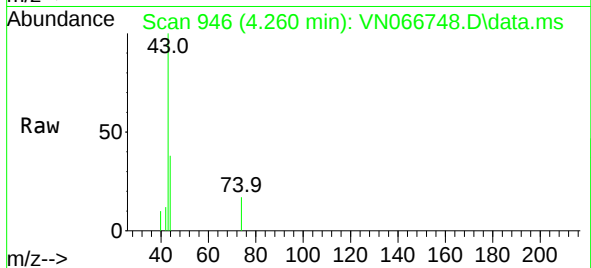
Tgt Ion: 43 Resp: 52968
Ion Ratio Lower Upper
43 100
58 34.7 27.0 40.6



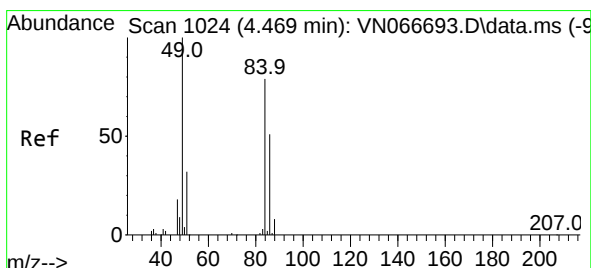
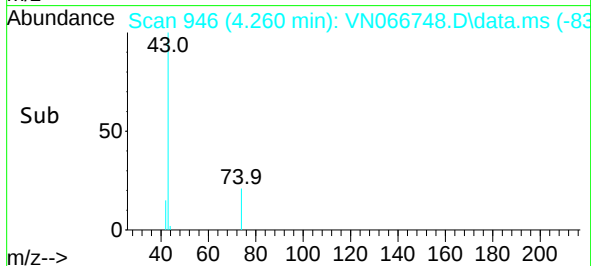
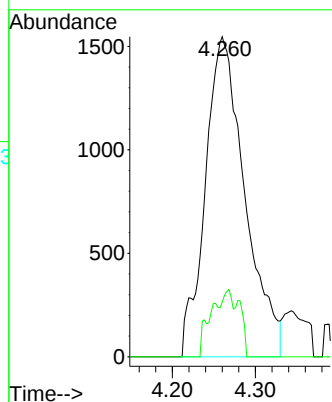


#18
Methyl Acetate
Concen: 1.30 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.011 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Instrument :
MSVOA_N
ClientSampled :

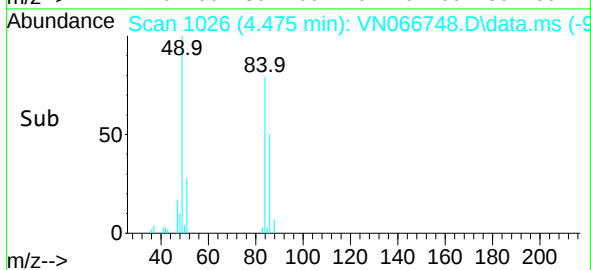
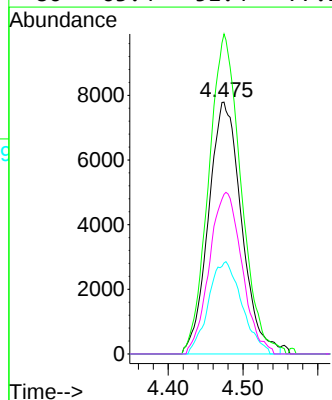
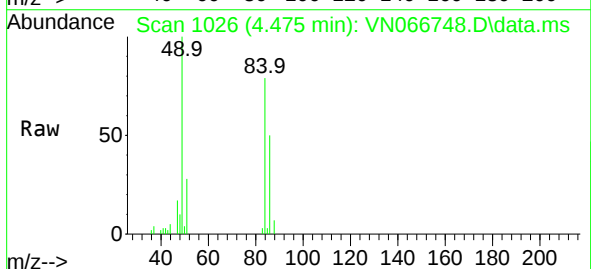


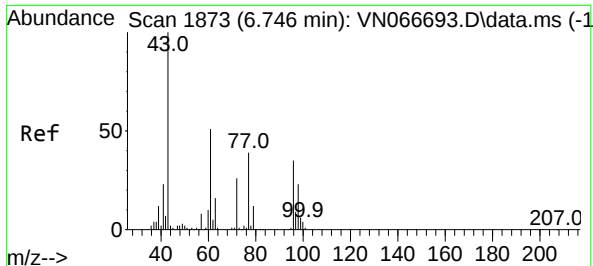
Tgt Ion: 43 Resp: 5129
Ion Ratio Lower Upper
43 100
74 1.9 19.5 29.3#



#20
Methylene Chloride
Concen: 5.62 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 84 Resp: 23850
Ion Ratio Lower Upper
84 100
49 127.1 94.6 141.8
51 36.1 29.9 44.9
86 63.4 51.4 77.2

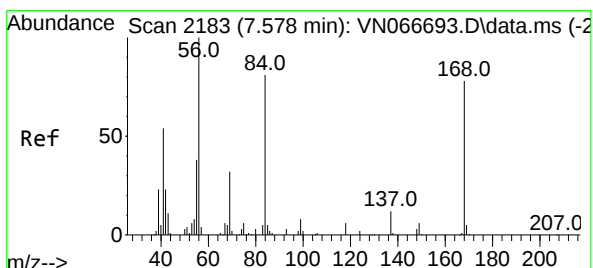
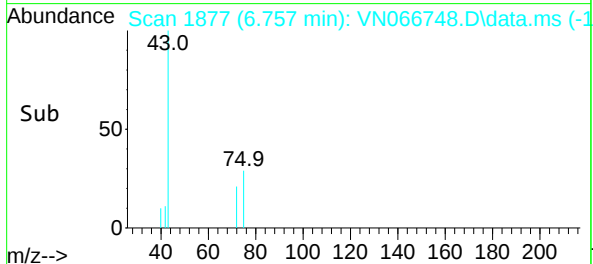
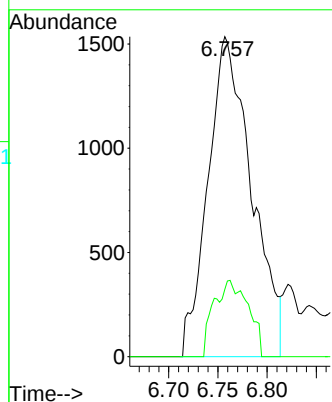
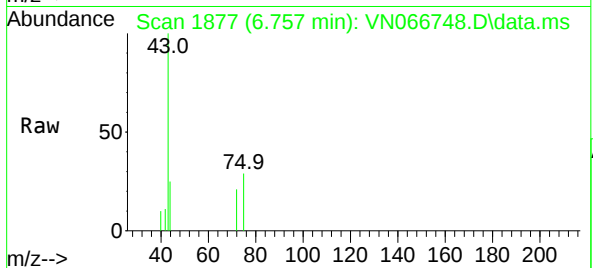




#25
2-Butanone
Concen: 2.31 ug/l
RT: 6.757 min Scan# 1877
Delta R.T. 0.011 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

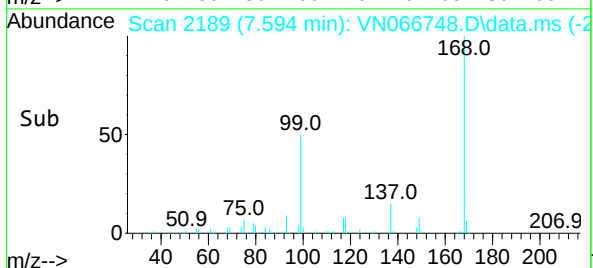
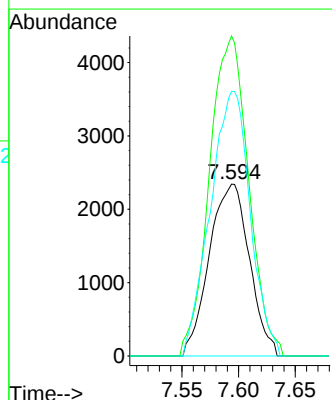
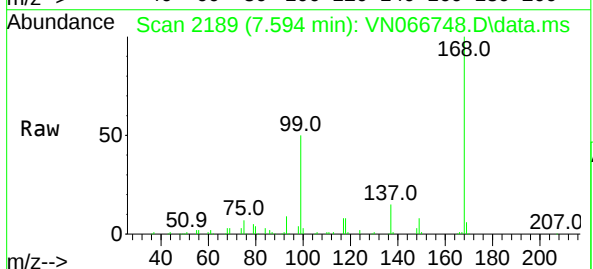
Instrument :
MSVOA_N
ClientSampled :

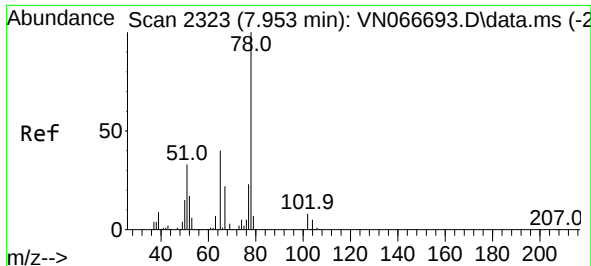
Tgt Ion: 43 Resp: 4730
Ion Ratio Lower Upper
43 100
72 21.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.93 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

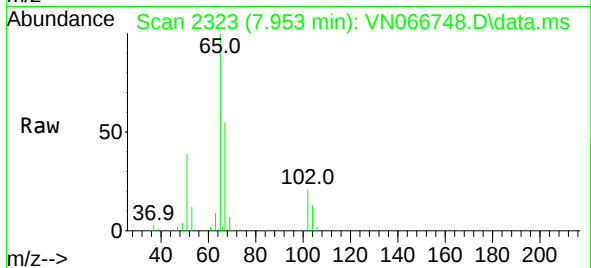
Tgt Ion: 56 Resp: 5776
Ion Ratio Lower Upper
56 100
69 186.1 26.6 39.8#
84 154.0 70.4 105.6#



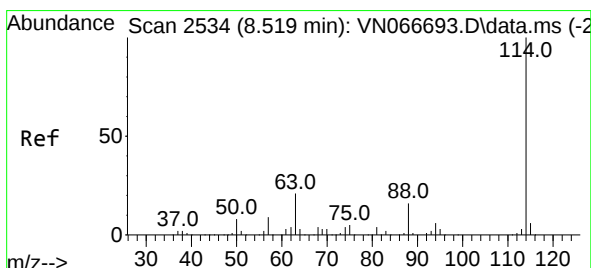
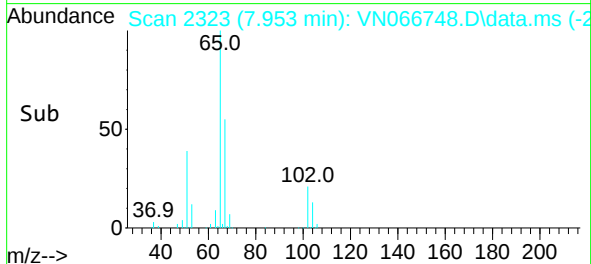
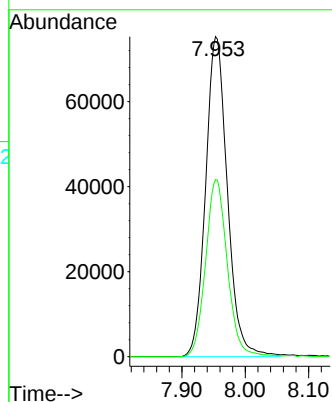


#33
 1,2-Dichloroethane-d4
 Concen: 47.09 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: VN066748.D
 Acq: 23 Apr 2021 19:21

Instrument :
 MSVOA_N
 ClientSampled :

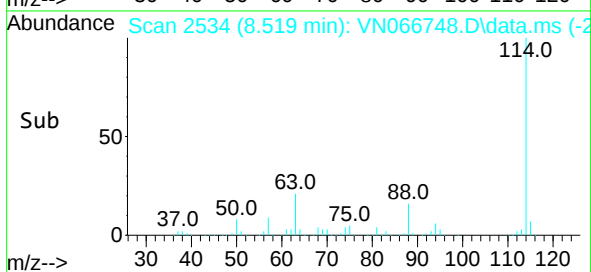
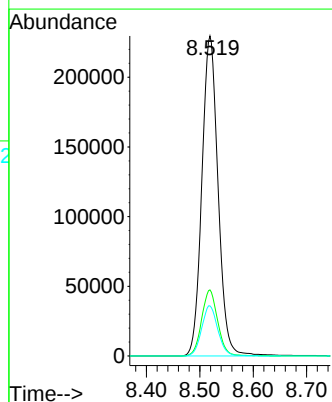
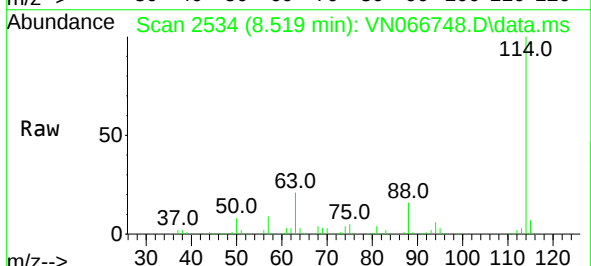


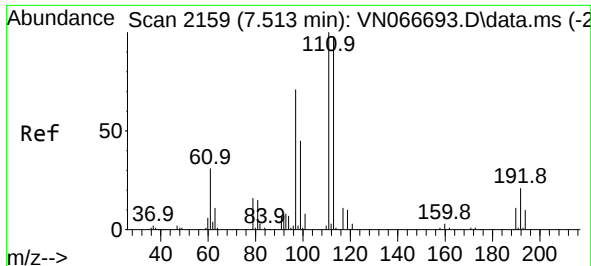
Tgt Ion: 65 Resp: 179420
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: VN066748.D
 Acq: 23 Apr 2021 19:21

Tgt Ion: 114 Resp: 483279
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.6
 88 15.7 0.0 30.6

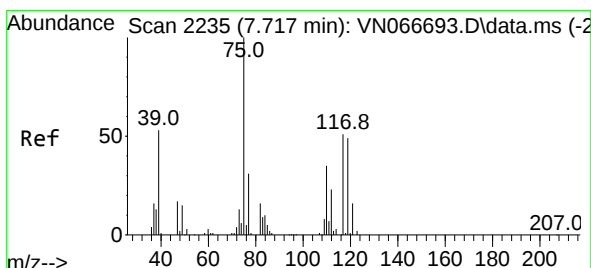
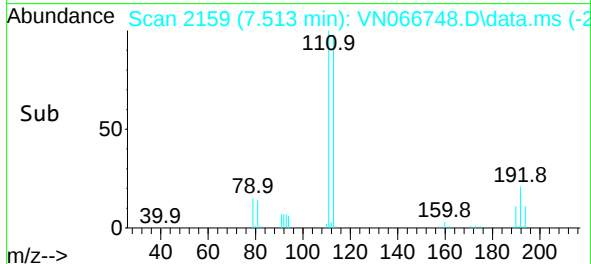
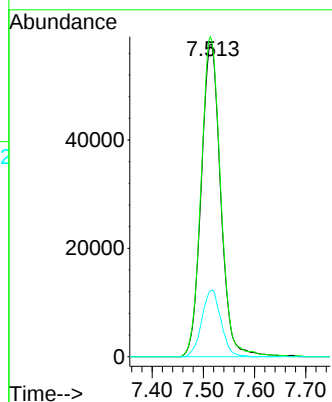
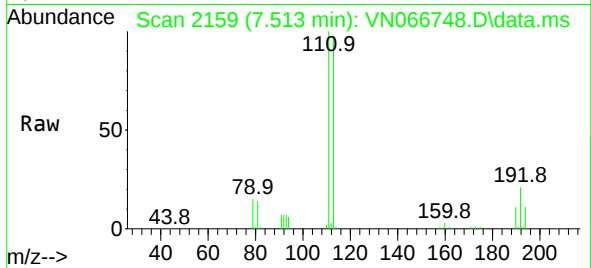




#35
Dibromofluoromethane
Concen: 50.29 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

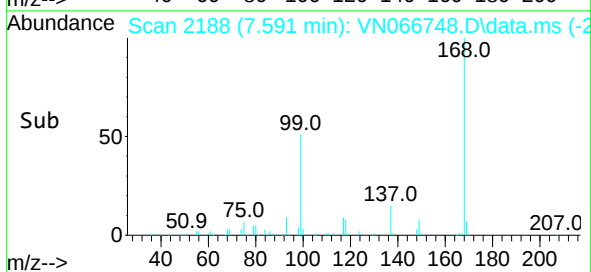
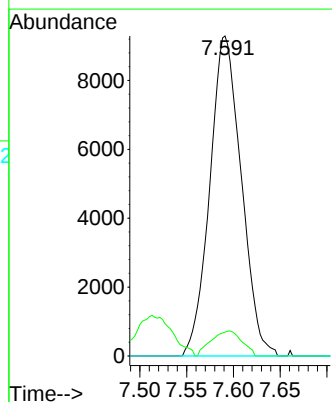
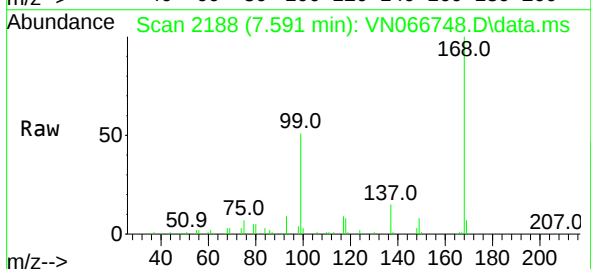
Instrument :
MSVOA_N
ClientSampled :

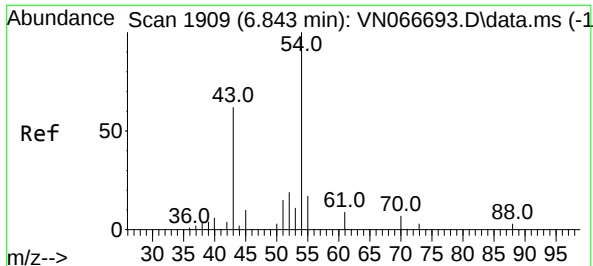
Tgt Ion:113 Resp: 152209
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 20.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 75 Resp: 21791
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.00 ug/l

RT: 6.757 min Scan# 1877

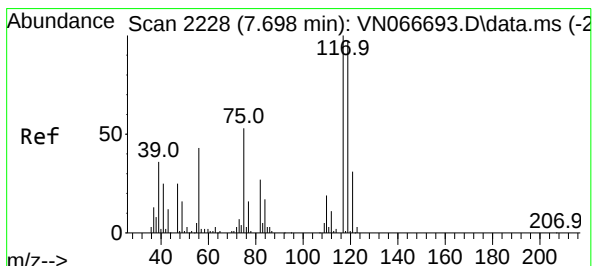
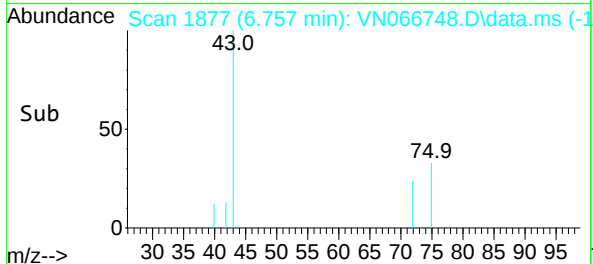
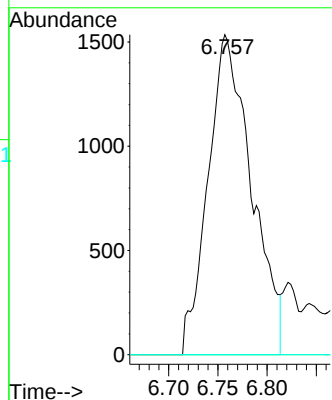
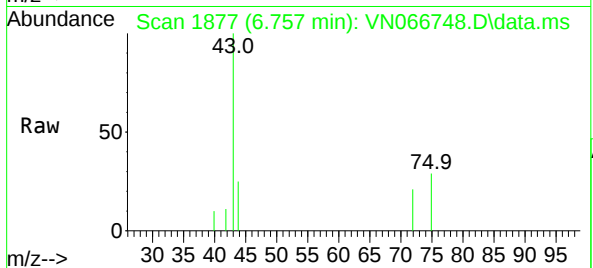
Delta R.T. -0.086 min

Lab File: VN066748.D

Acq: 23 Apr 2021 19:21

Tgt Ion:	43	Resp:	4730
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#

Instrument :
MSVOA_N
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.25 ug/l

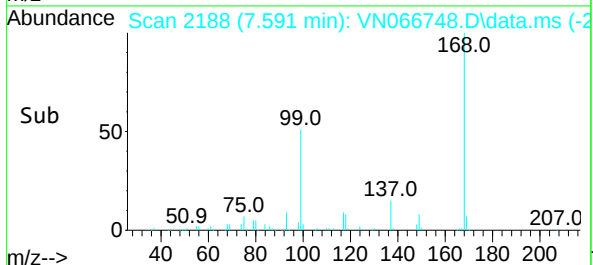
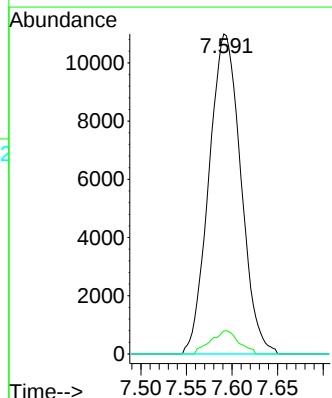
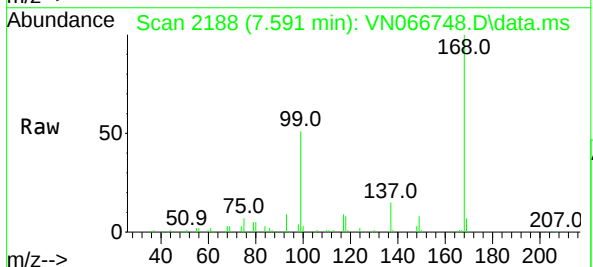
RT: 7.591 min Scan# 2188

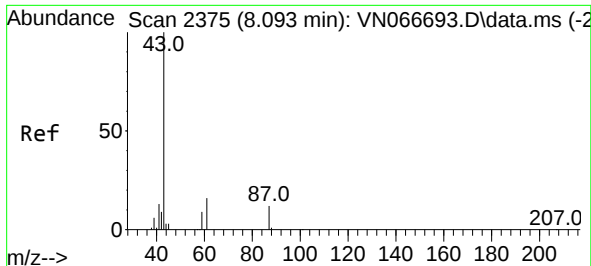
Delta R.T. -0.107 min

Lab File: VN066748.D

Acq: 23 Apr 2021 19:21

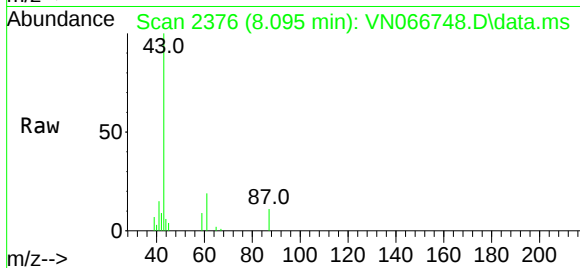
Tgt Ion:	117	Resp:	26729
Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.0	114.0#
121	0.0	24.5	36.7#



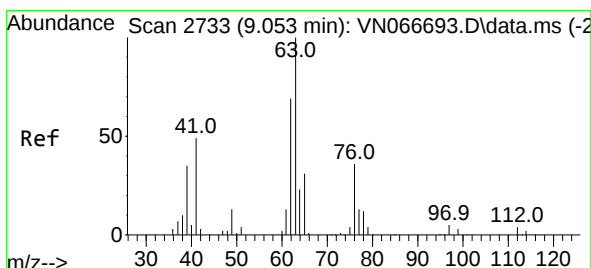
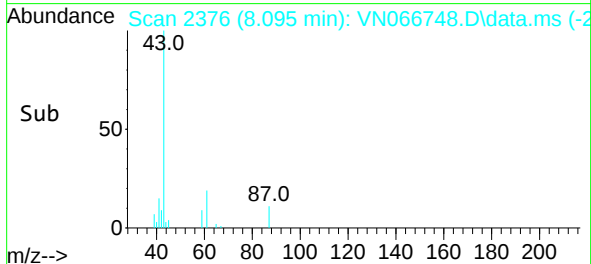
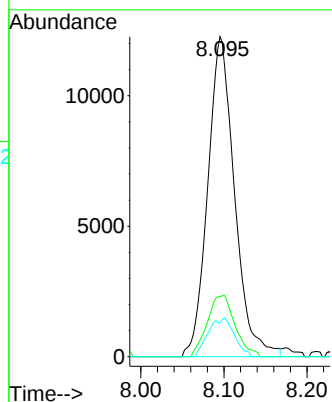


#43
Isopropyl Acetate
Concen: 3.65 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.002 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Instrument :
MSVOA_N
ClientSampled :

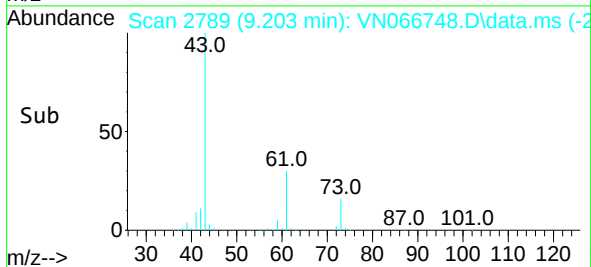
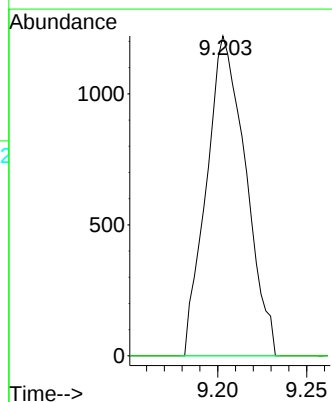
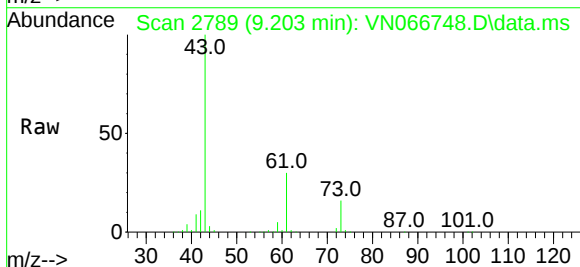


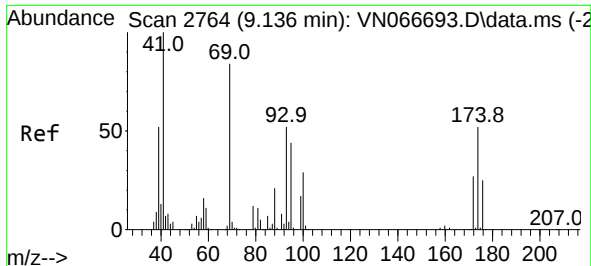
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.8	22.5	33.7#
87	5.8	11.1	16.7#



#45
1,2-Dichloropropane
Concen: 0.47 ug/l
RT: 9.203 min Scan# 2789
Delta R.T. 0.150 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

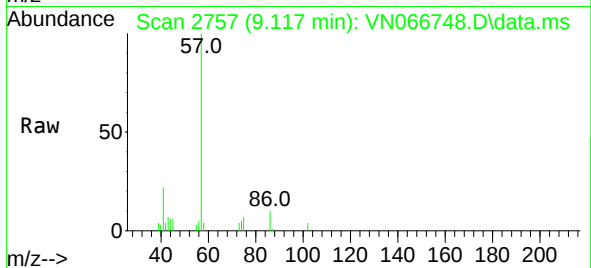
Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#



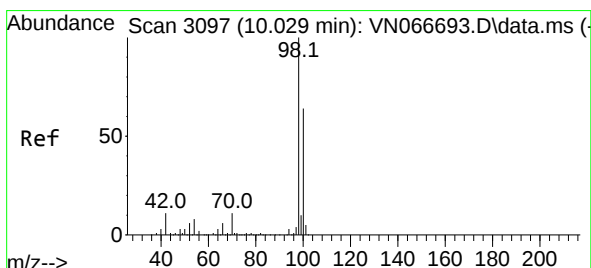
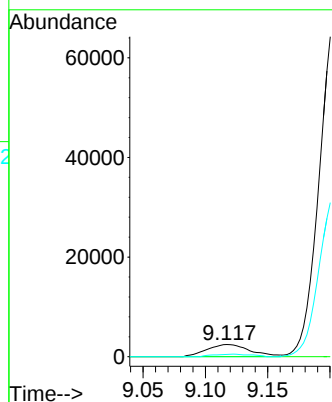
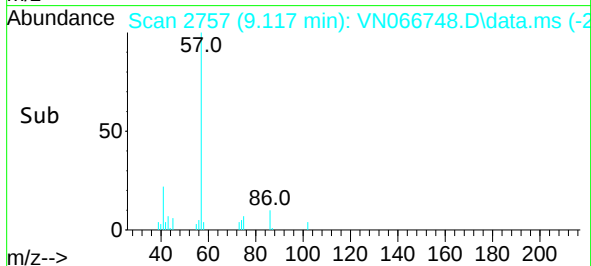


#48
Methyl methacrylate
Concen: 1.78 ug/l
RT: 9.117 min Scan# 2757
Delta R.T. -0.019 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

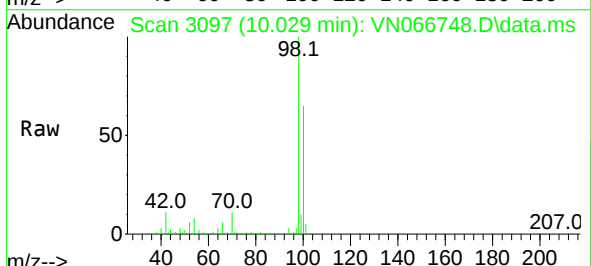
Instrument :
MSVOA_N
ClientSampled :



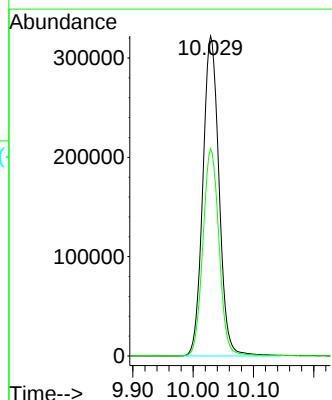
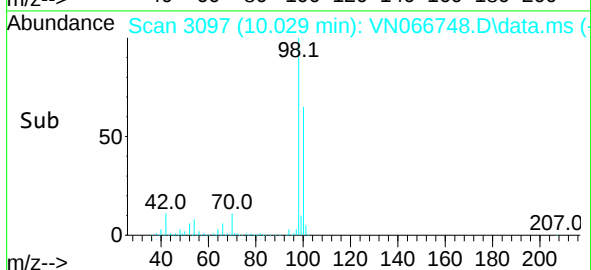
Tgt Ion: 41 Resp: 5898
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

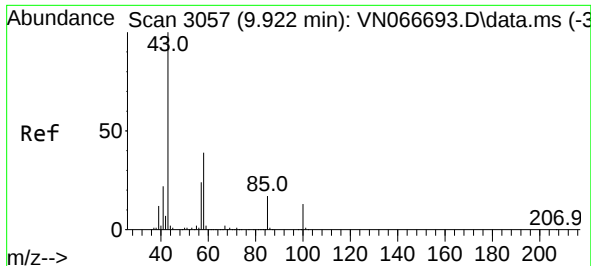


#50
Toluene-d8
Concen: 50.88 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21



Tgt Ion: 98 Resp: 600526
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

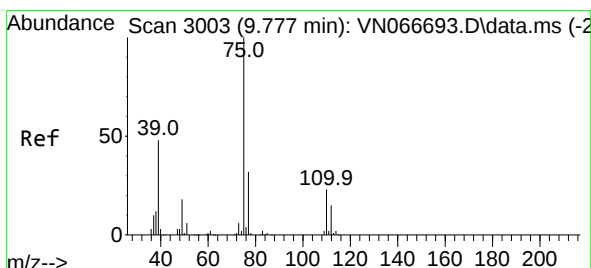
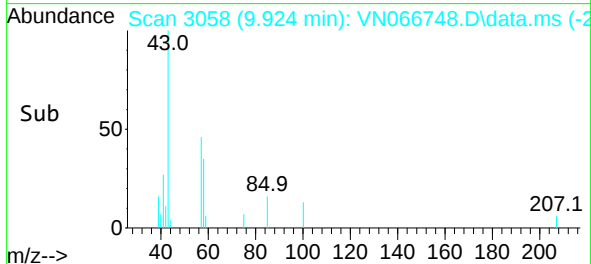
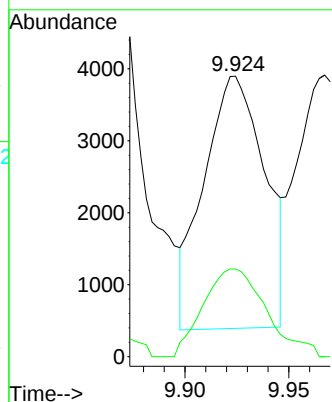
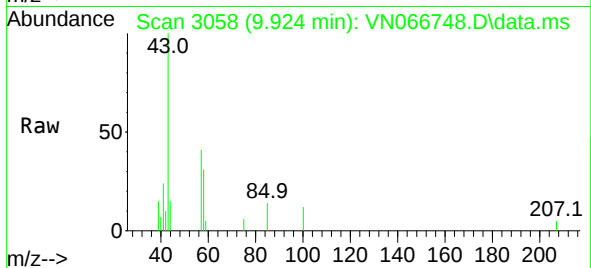




#51
4-Methyl-2-Pentanone
Concen: 1.69 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

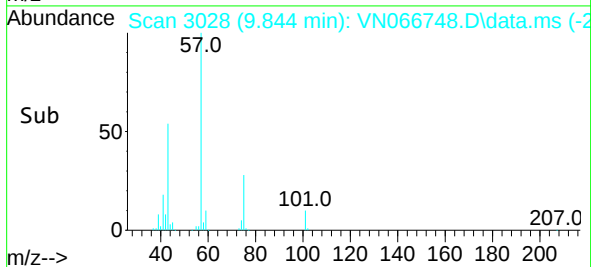
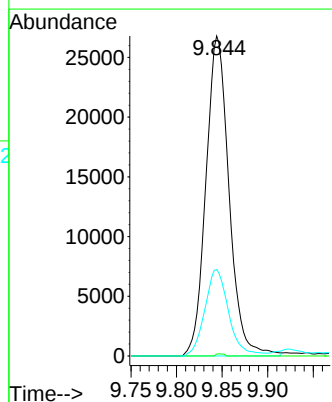
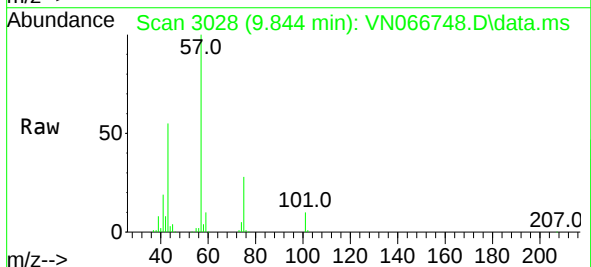
Instrument :
MSVOA_N
ClientSampled :

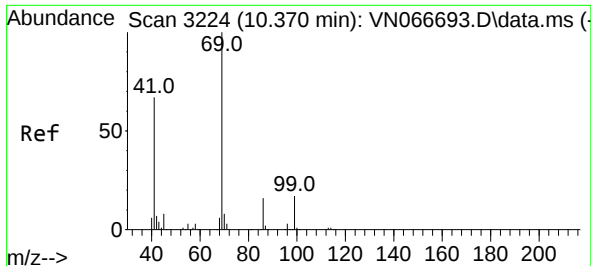
Tgt Ion: 43 Resp: 7131
Ion Ratio Lower Upper
43 100
58 36.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 8.14 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

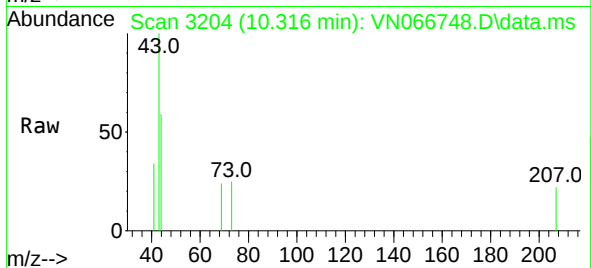
Tgt Ion: 75 Resp: 47233
Ion Ratio Lower Upper
75 100
77 0.6 24.9 37.3#
39 27.0 36.2 54.4#



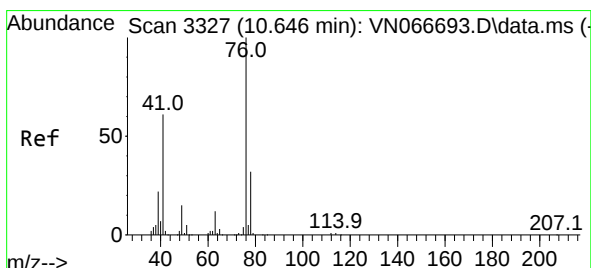
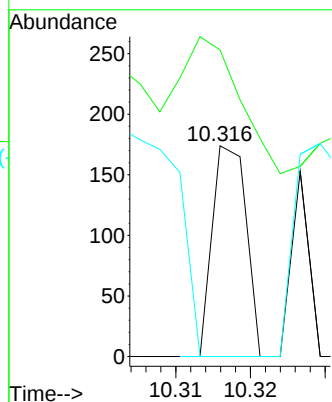
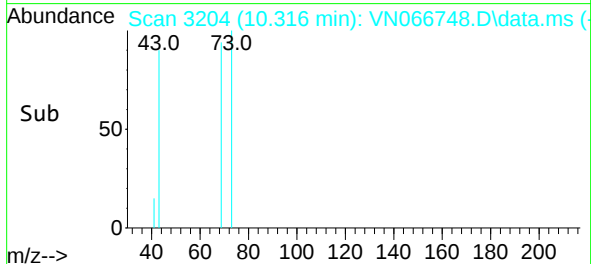


#56
Ethyl methacrylate
Concen: 3.16 ug/l
RT: 10.316 min Scan# 3204
Delta R.T. -0.054 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

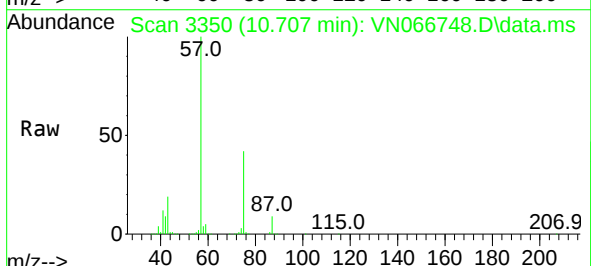
Instrument :
MSVOA_N
ClientSampled :



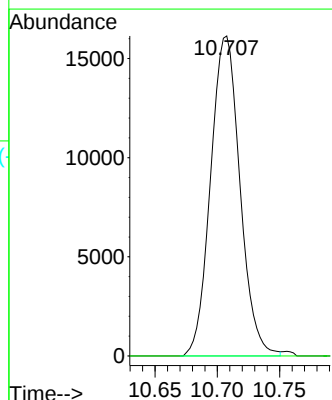
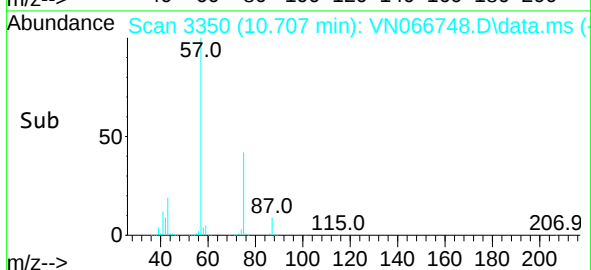
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

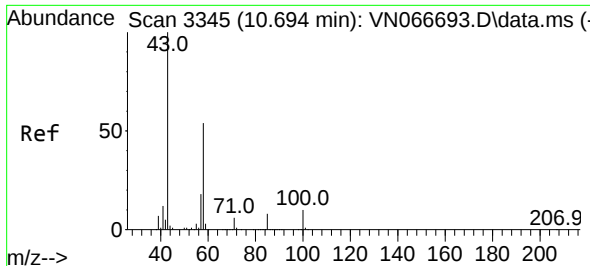


#57
1,3-Dichloropropane
Concen: 4.68 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21



Tgt Ion: 76 Resp: 26484
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

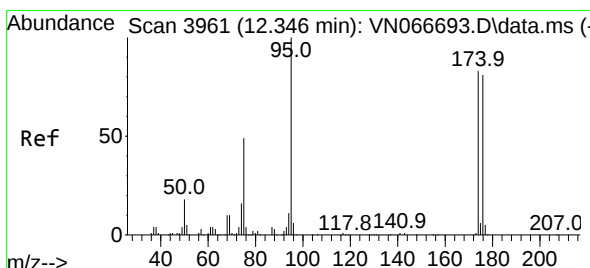
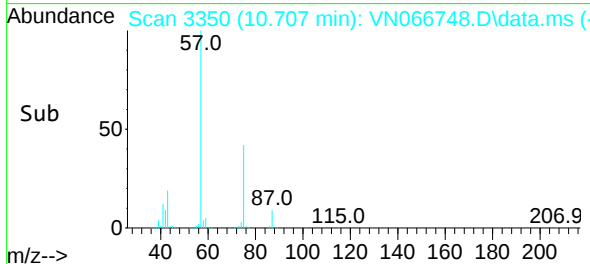
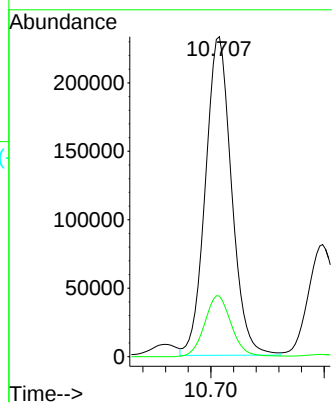
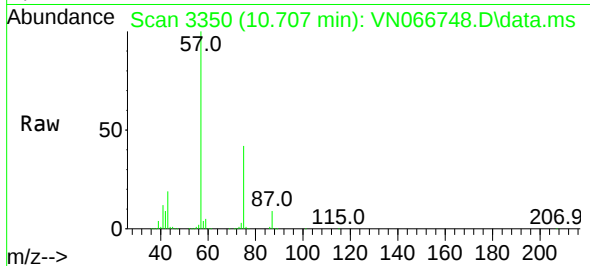




#59
2-Hexanone
Concen: 126.76 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

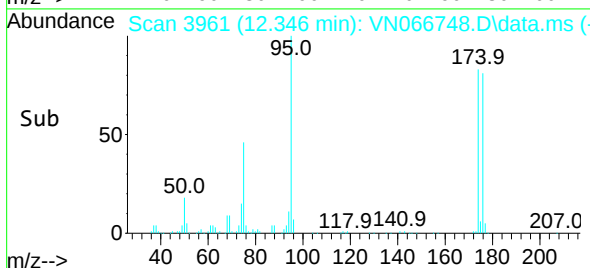
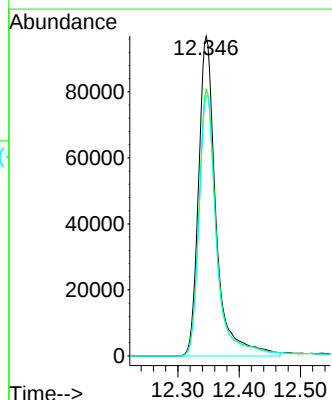
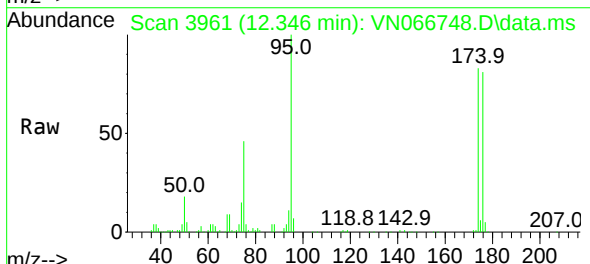
Instrument :
MSVOA_N
ClientSampleId :

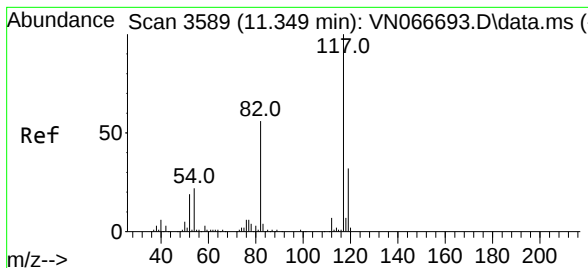
Tgt Ion: 43 Resp: 373311
Ion Ratio Lower Upper
43 100
58 19.6 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 47.37 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 95 Resp: 191458
Ion Ratio Lower Upper
95 100
174 85.4 0.0 169.0
176 82.0 0.0 162.4

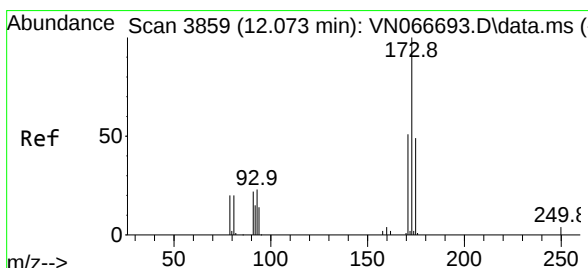
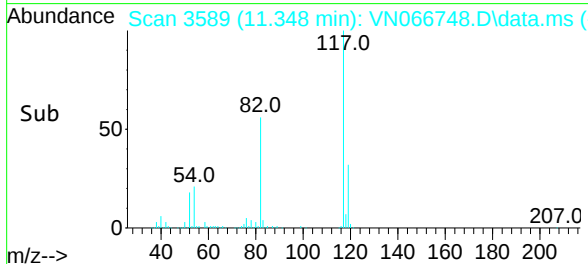
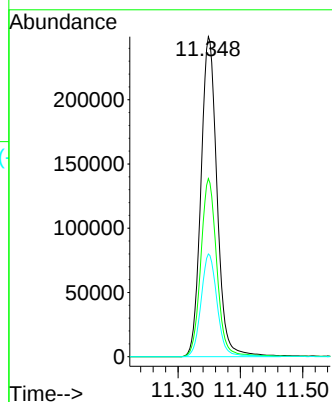
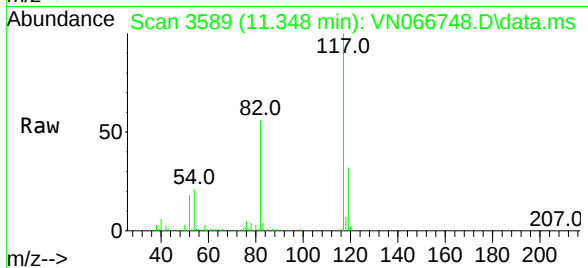




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

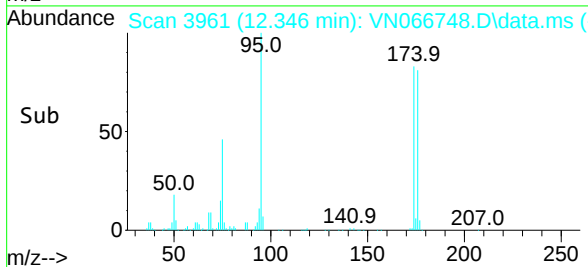
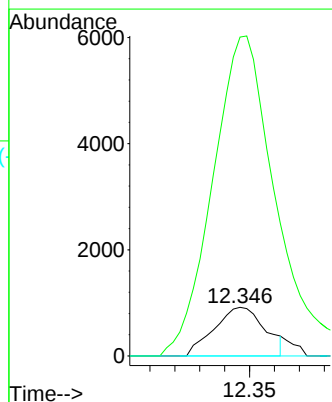
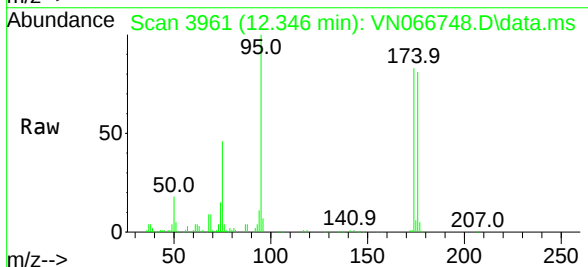
Instrument :
MSVOA_N
ClientSampleId :

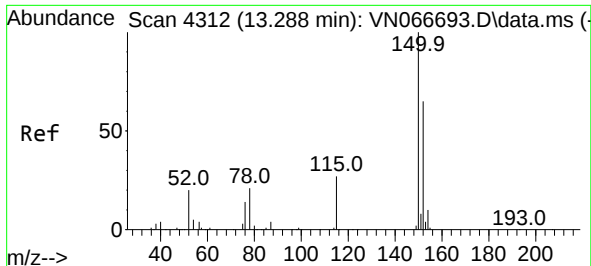
Tgt Ion:117 Resp: 447513
Ion Ratio Lower Upper
117 100
82 55.6 43.7 65.5
119 32.1 26.1 39.1



#71
Bromoform
Concen: 0.52 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Tgt Ion:173 Resp: 1295
Ion Ratio Lower Upper
173 100
175 714.8 23.8 71.2#
254 0.0 0.0 0.0

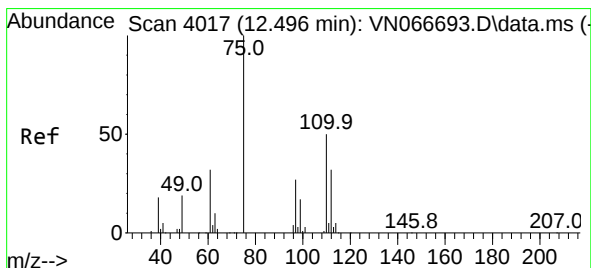
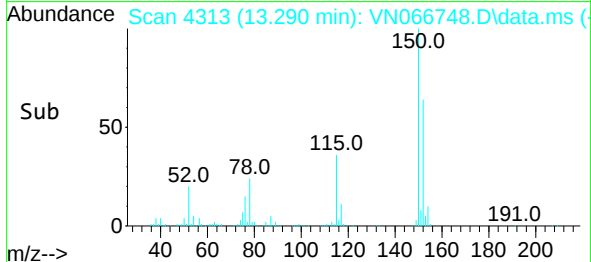
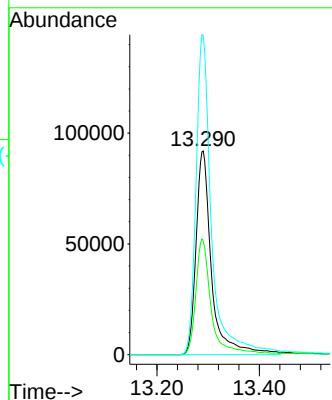
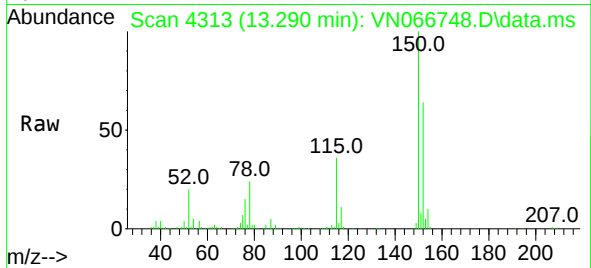




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

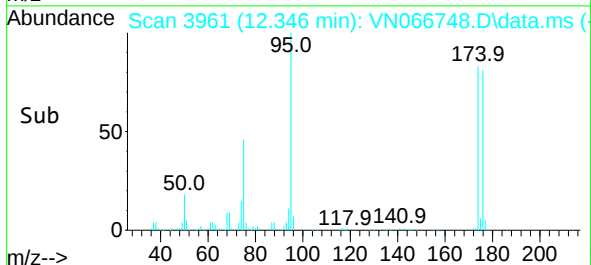
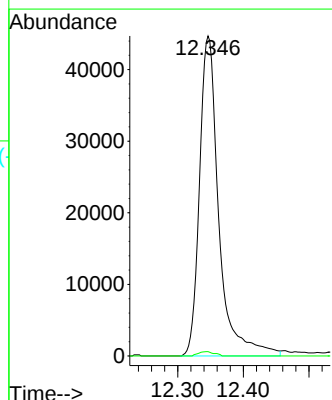
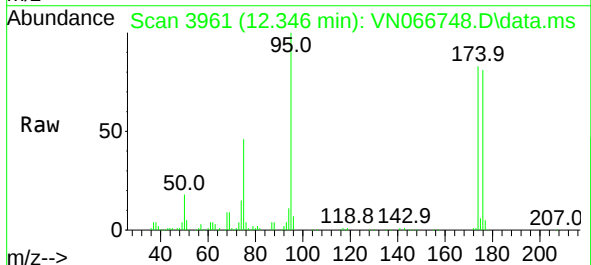
Instrument :
MSVOA_N
ClientSampled :

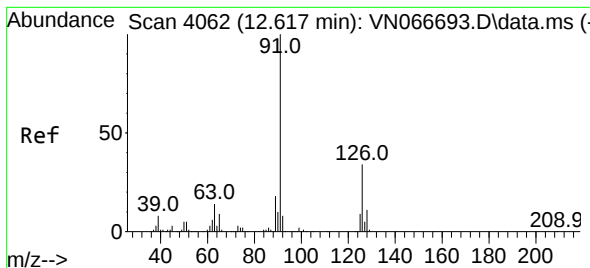
Tgt Ion:152 Resp: 194493
Ion Ratio Lower Upper
152 100
115 55.6 28.5 85.6
150 156.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.96 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 75 Resp: 91381
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

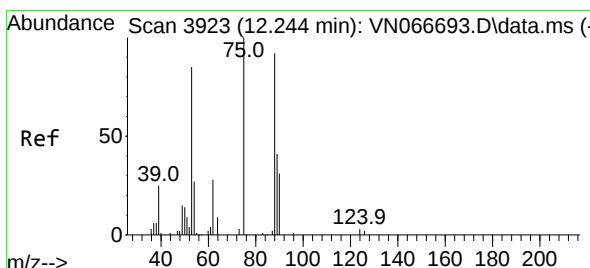
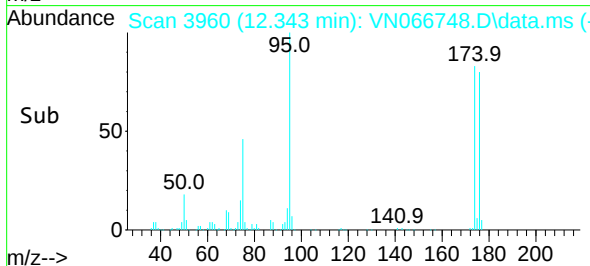
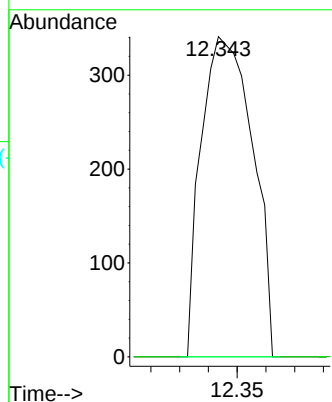
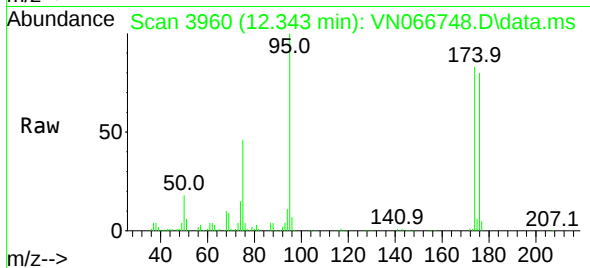




#79
2-Chlorotoluene
Concen: 0.98 ug/l
RT: 12.343 min Scan# 3960
Delta R.T. -0.274 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

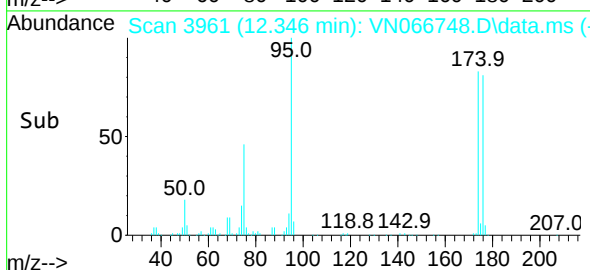
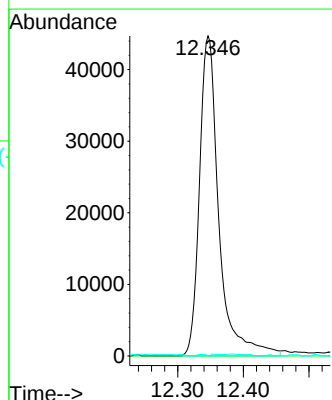
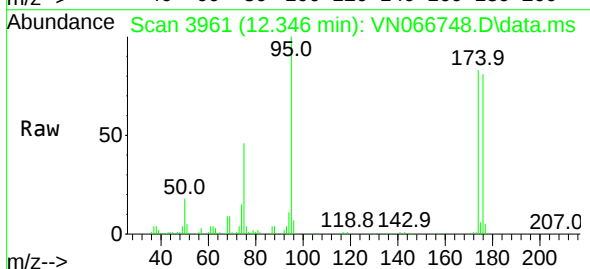
Instrument :
MSVOA_N
ClientSampled :

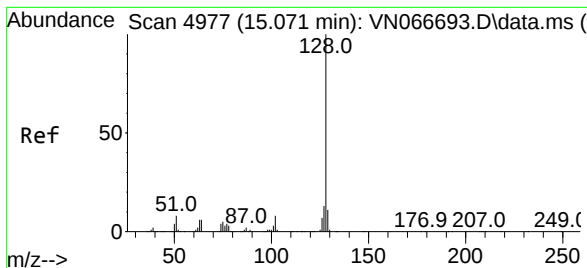
Tgt Ion: 91 Resp: 424
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.34 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Tgt Ion: 75 Resp: 91381
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.3 35.8 53.8#

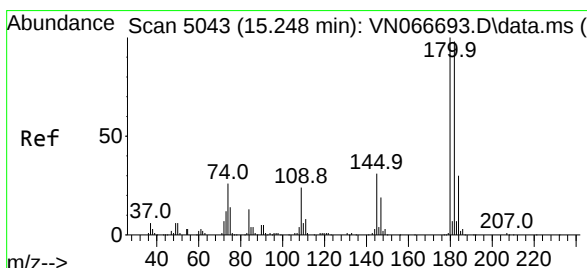
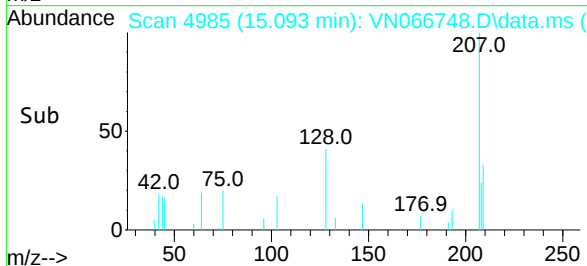
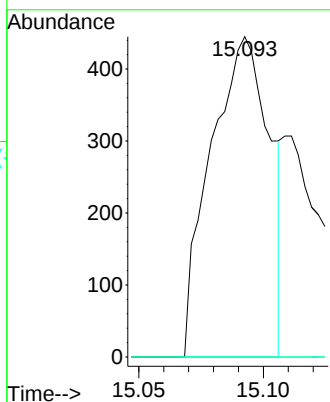
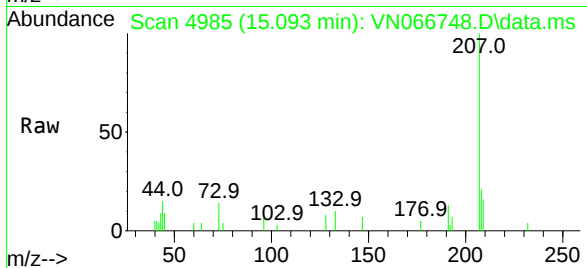




#95
Naphthalene
Concen: 1.92 ug/l
RT: 15.093 min Scan# 4985
Delta R.T. 0.022 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 729
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.37 ug/l
RT: 15.264 min Scan# 5049
Delta R.T. 0.016 min
Lab File: VN066748.D
Acq: 23 Apr 2021 19:21

Tgt Ion:180 Resp: 54
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 0.0 16.5 49.5#

