

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042621\
 Data File : VN066756.D
 Acq On : 26 Apr 2021 12:57
 Operator : JC/MD
 Sample : VN0426WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 26 14:40:37 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)

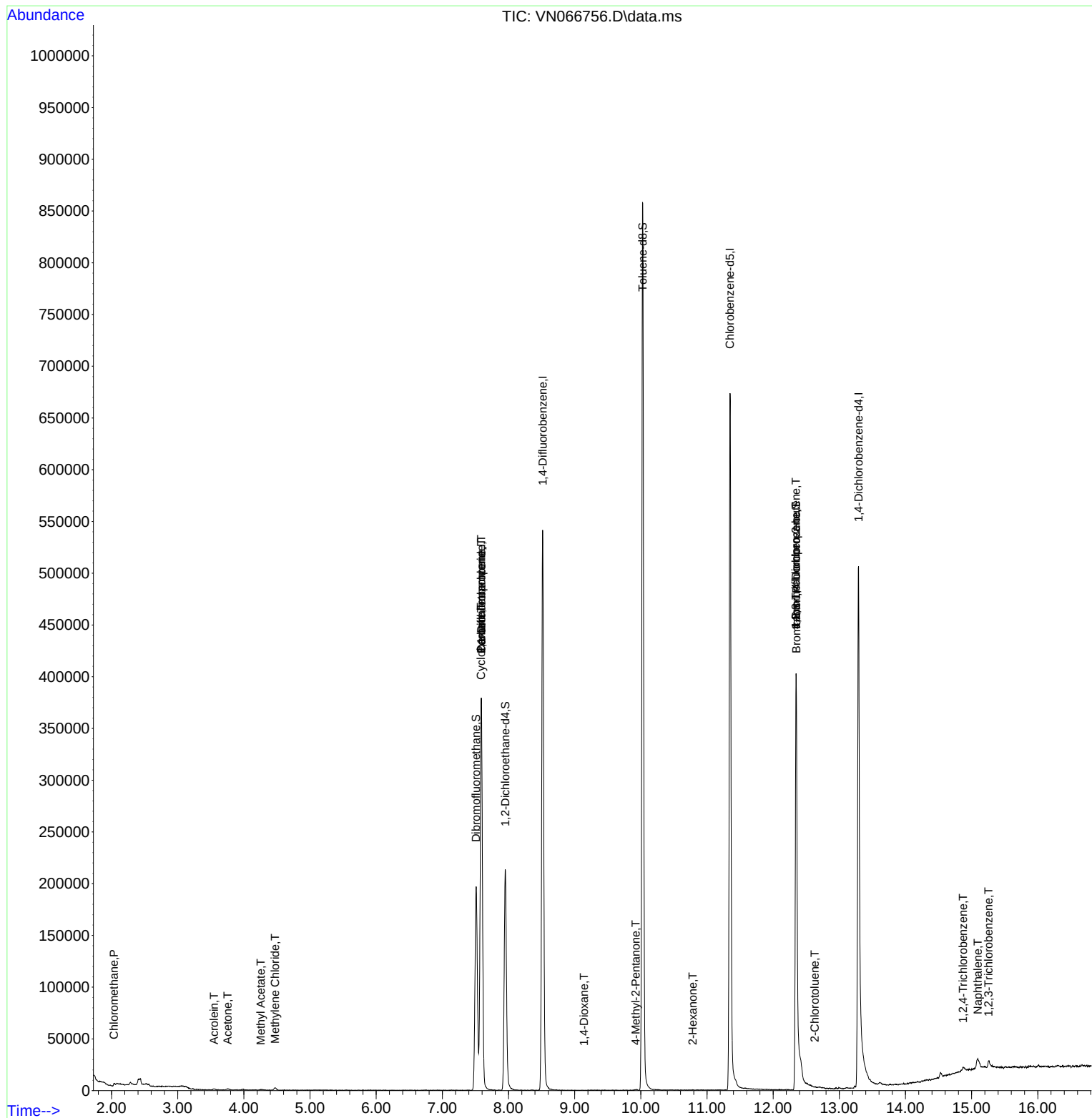
Internal Standards						
1) Pentafluorobenzene	7.588	168	339432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	515779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	450226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	197607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	187071	45.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.22%		
35) Dibromofluoromethane	7.510	113	159721	49.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.90%		
50) Toluene-d8	10.029	98	620499	49.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.52%		
62) 4-Bromofluorobenzene	12.346	95	188902	43.79	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.58%		
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1114	0.20	ug/l #	86
13) Acrolein	3.549	56	1279	2.20	ug/l #	56
16) Acetone	3.756	43	1049	0.68	ug/l	97
18) Methyl Acetate	4.255	43	1206	0.28	ug/l #	51
20) Methylene Chloride	4.472	84	1794	0.39	ug/l #	82
31) Cyclohexane	7.583	56	5760	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	22991	4.79	ug/l #	48
38) Carbon Tetrachloride	7.588	117	28611	6.27	ug/l #	17
49) 1,4-Dioxane	9.138	88	24	0.56	ug/l #	26
51) 4-Methyl-2-Pentanone	9.924	43	1065	0.24	ug/l #	35
59) 2-Hexanone	10.785	43	24	16.64	ug/l #	23
71) Bromoform	12.351	173	1206	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	86515	20.46	ug/l #	100
79) 2-Chlorotoluene	12.628	91	375	0.97	ug/l #	40
81) trans-1,4-Dichloro-2-b...	12.346	75	86515	61.26	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.870	180	2581	2.66	ug/l	71
95) Naphthalene	15.092	128	15688	3.51	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.256	180	3910	2.44	ug/l	96

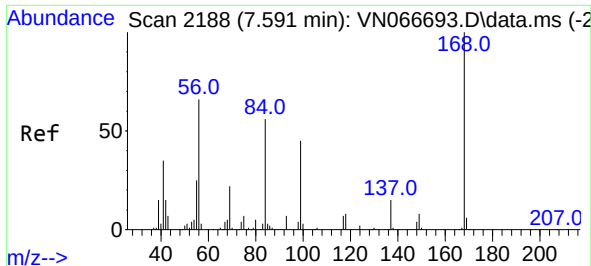
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

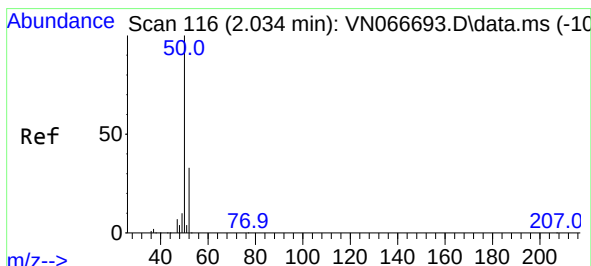
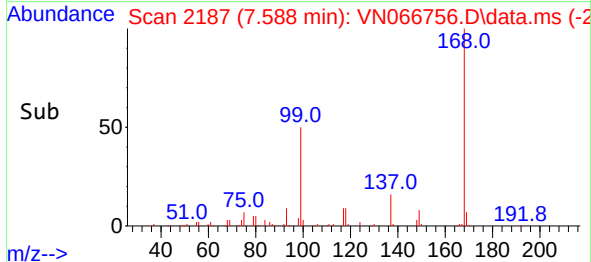
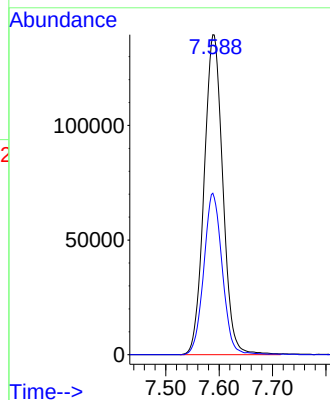
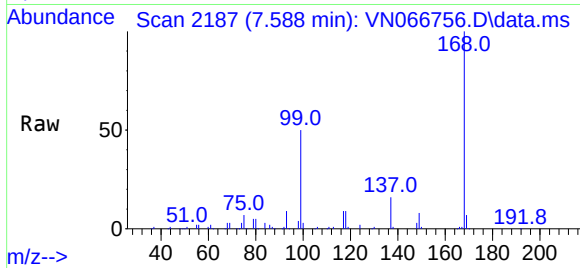




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.003 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

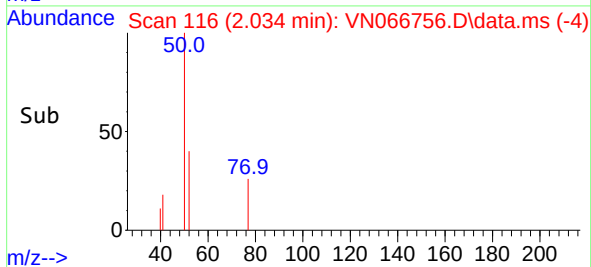
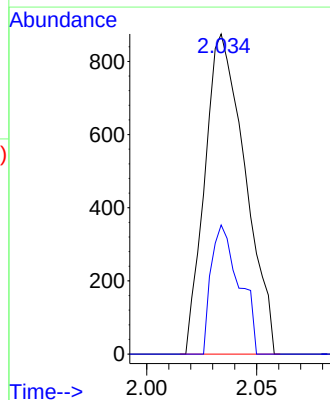
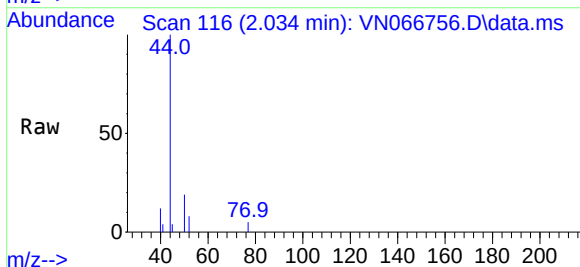
Instrument :
MSVOA_N
ClientSampleId :

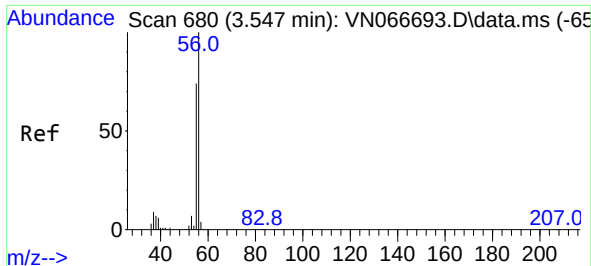
Tgt Ion:168 Resp: 339432
Ion Ratio Lower Upper
168 100
99 50.4 42.6 63.8



#3
Chloromethane
Concen: 0.20 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion: 50 Resp: 1114
Ion Ratio Lower Upper
50 100
52 40.3 25.8 38.8#

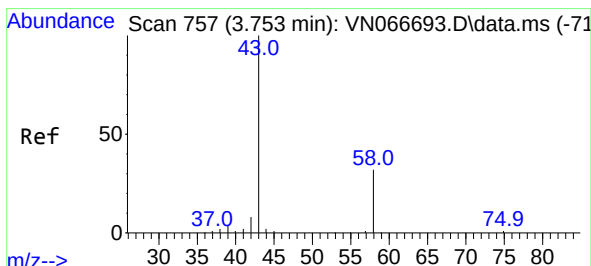
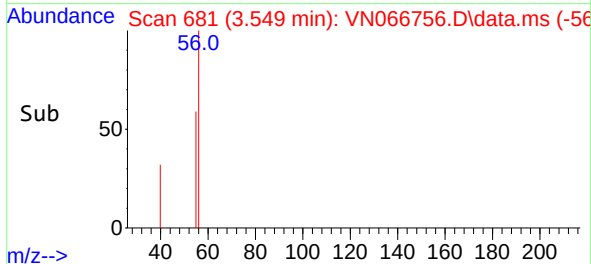
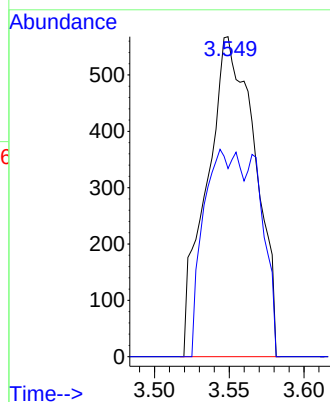
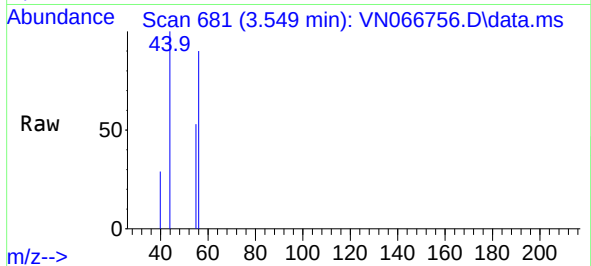




#13
Acrolein
Concen: 2.20 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

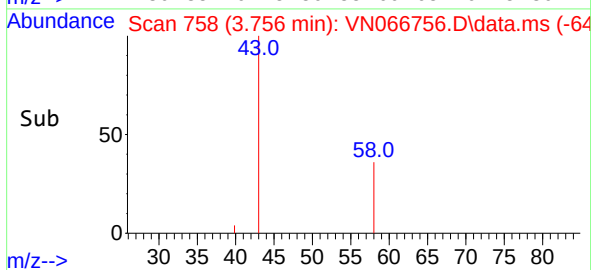
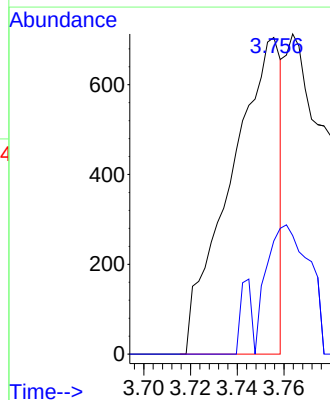
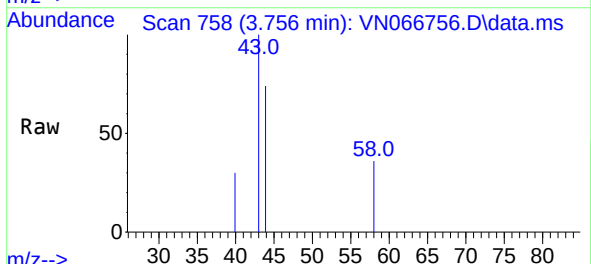
Instrument :
MSVOA_N
ClientSampled :

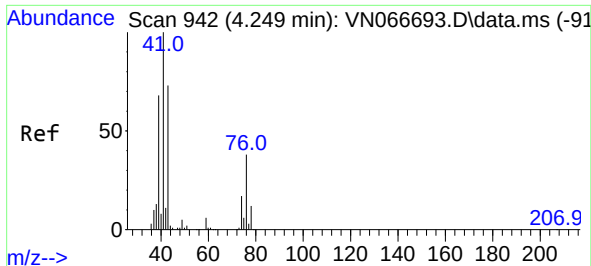
Tgt Ion: 56 Resp: 1279
Ion Ratio Lower Upper
56 100
55 33.5 56.0 84.0#



#16
Acetone
Concen: 0.68 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 35.7 27.0 40.6

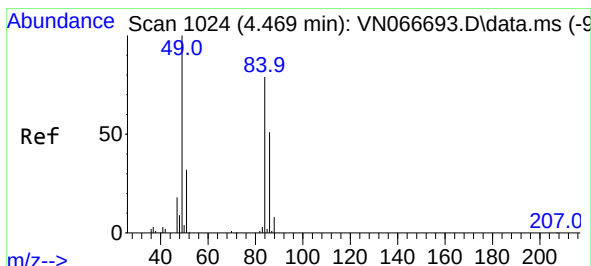
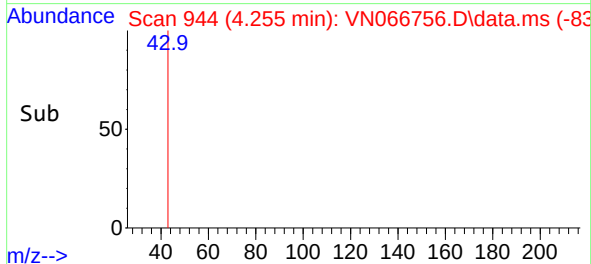
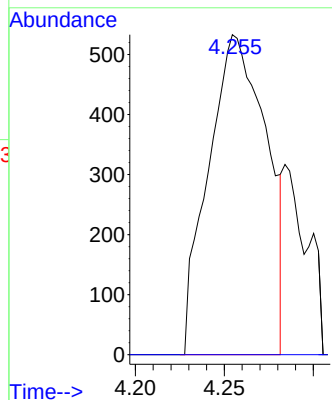
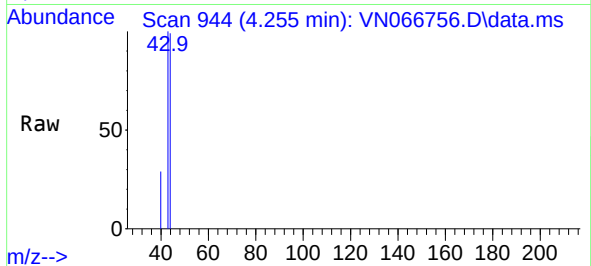




#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 4.255 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

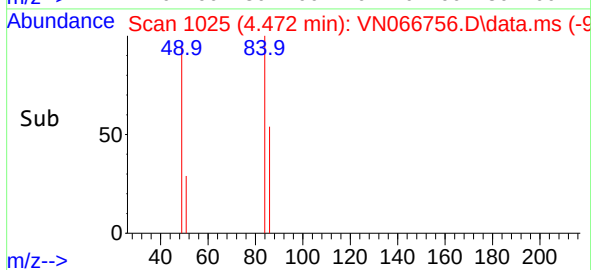
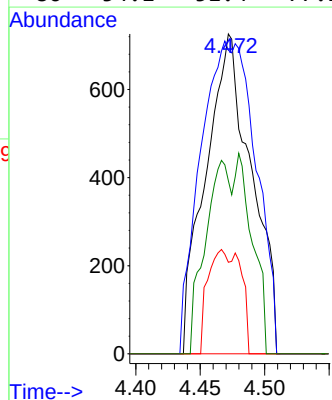
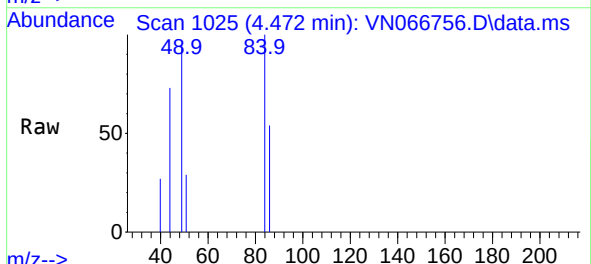
Instrument :
MSVOA_N
ClientSampled :

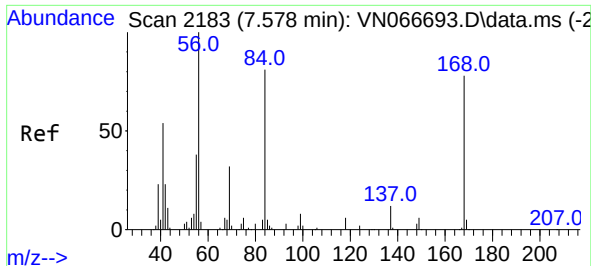
Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. 0.003 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

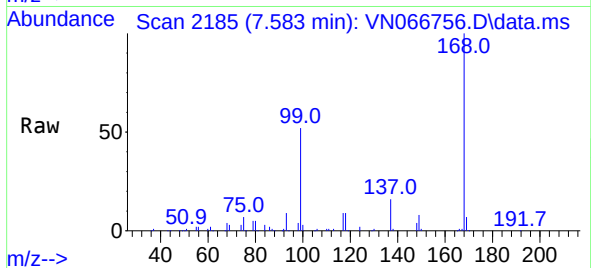
Tgt Ion: 84 Resp: 1794
Ion Ratio Lower Upper
84 100
49 94.9 94.6 141.8
51 28.7 29.9 44.9#
86 54.1 51.4 77.2



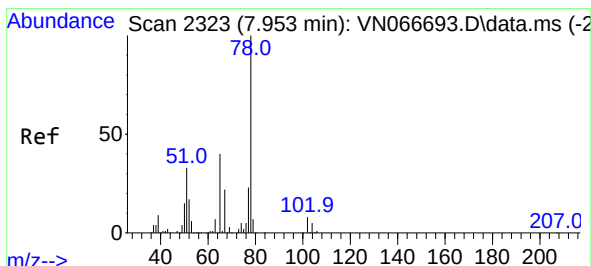
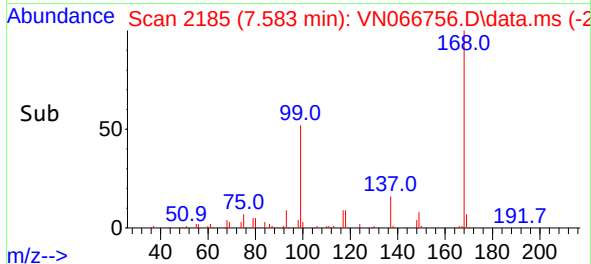
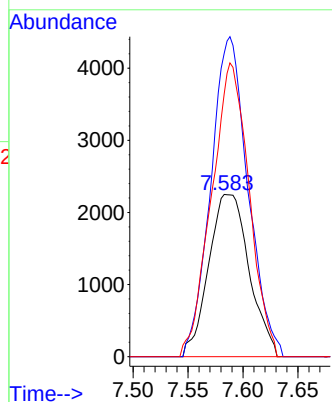


#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.583 min Scan# 2185
Delta R.T. 0.005 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :

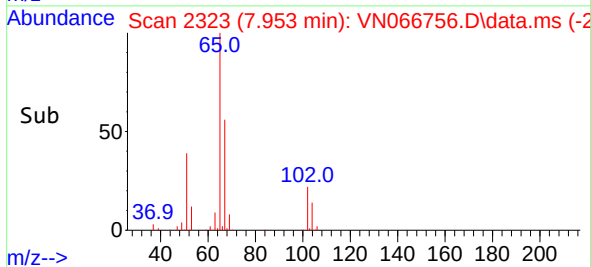
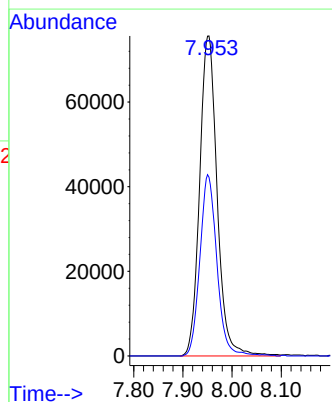
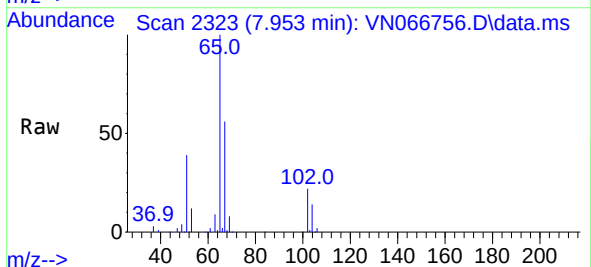


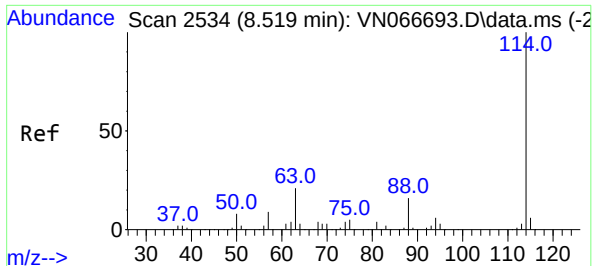
Tgt Ion: 56 Resp: 5760
Ion Ratio Lower Upper
56 100
69 187.0 26.6 39.8#
84 162.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.11 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion: 65 Resp: 187071
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.2

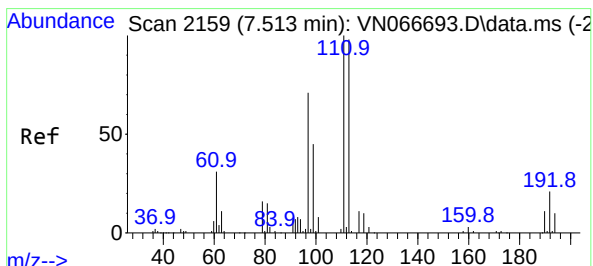
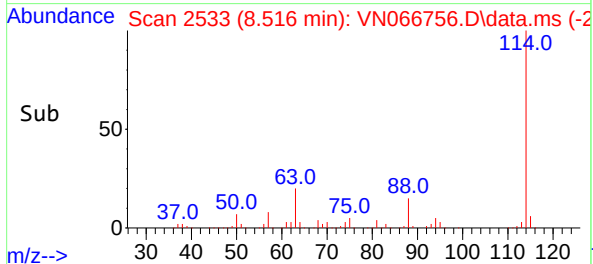
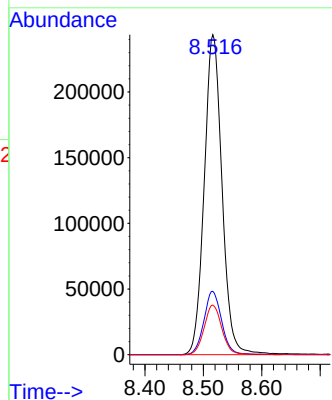
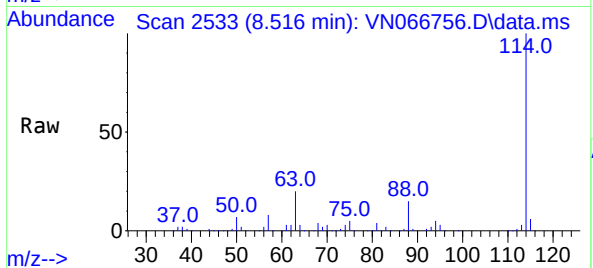




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.516 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

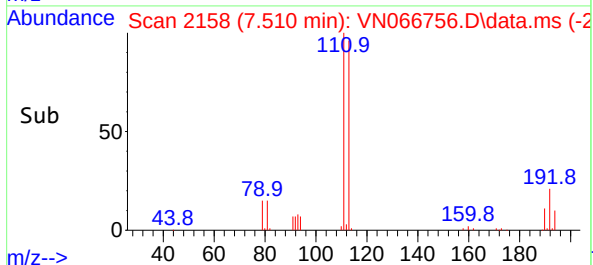
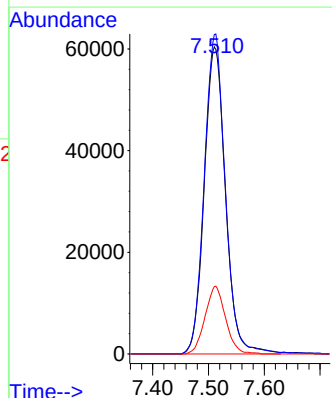
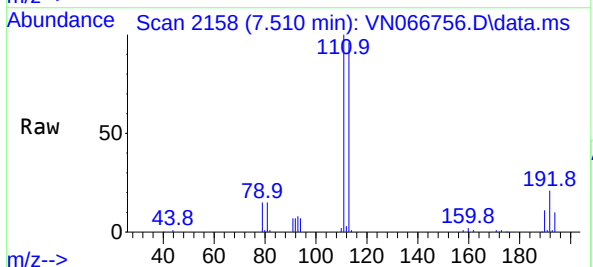
Instrument :
MSVOA_N
ClientSampleId :

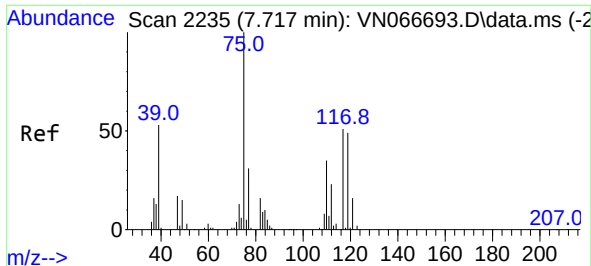
Tgt Ion:114 Resp: 515779
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.45 ug/l
RT: 7.510 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

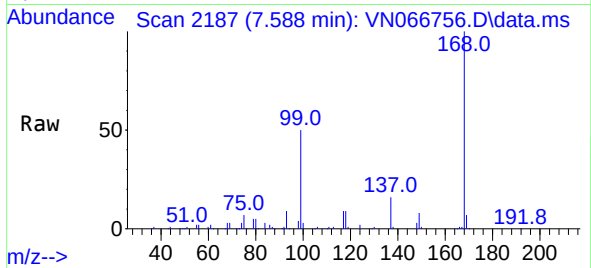
Tgt Ion:113 Resp: 159721
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.3 15.4 23.0



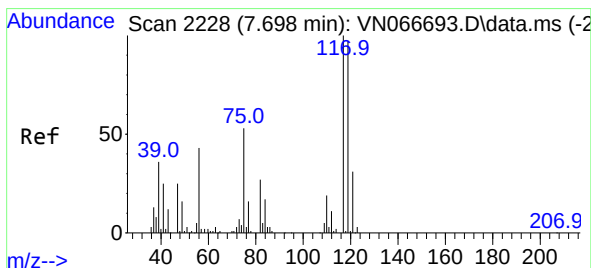
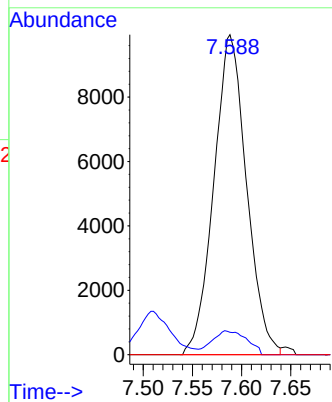
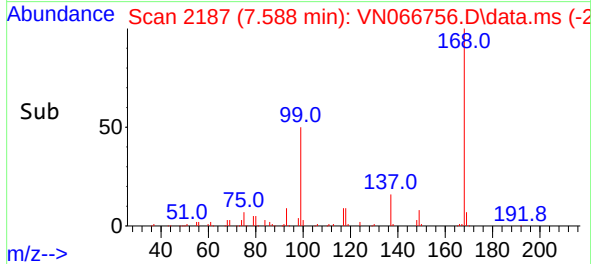


#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

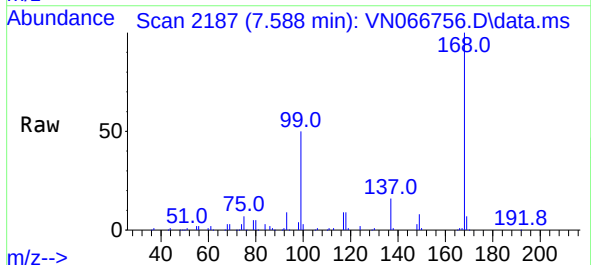
Instrument :
MSVOA_N
ClientSampled :



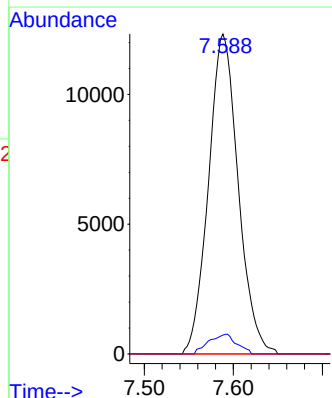
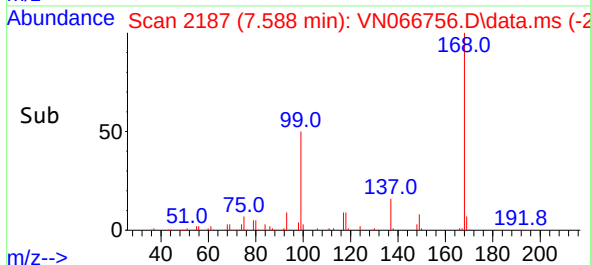
Tgt Ion: 75 Resp: 22991
Ion Ratio Lower Upper
75 100
110 7.9 18.2 54.6#
77 0.0 24.9 37.3#

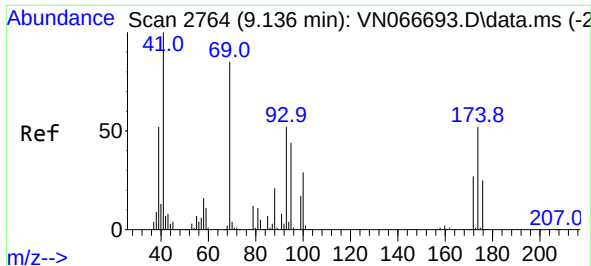


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.110 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57



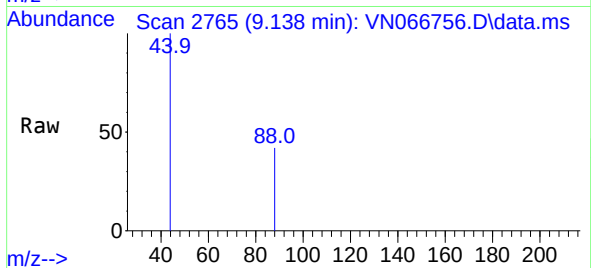
Tgt Ion: 117 Resp: 28611
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#



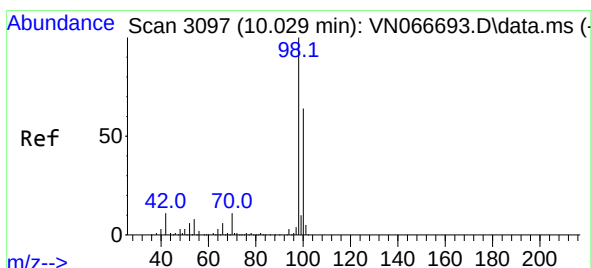
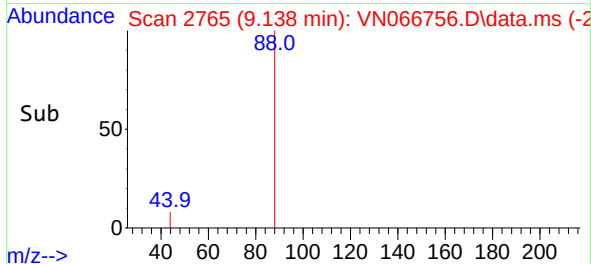
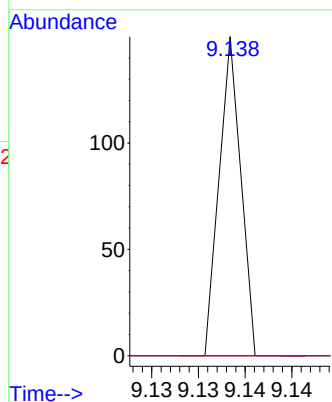


#49
1,4-Dioxane
Concen: 0.56 ug/l
RT: 9.138 min Scan# 2765
Delta R.T. 0.002 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Instrument :
MSVOA_N
ClientSampled :

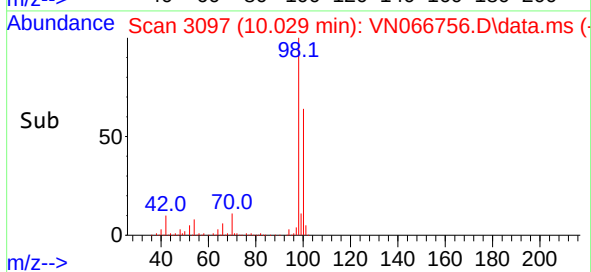
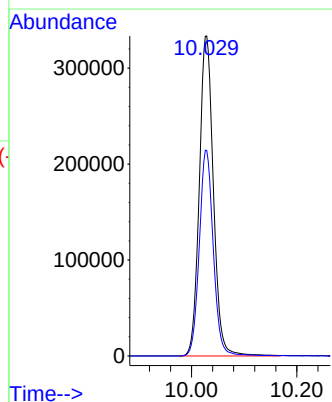
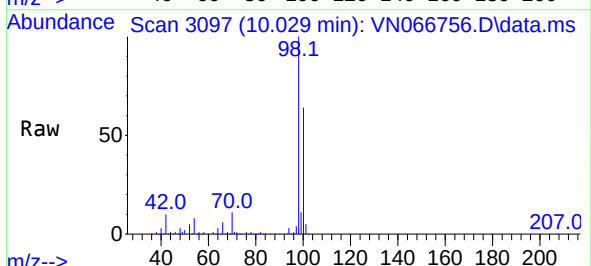


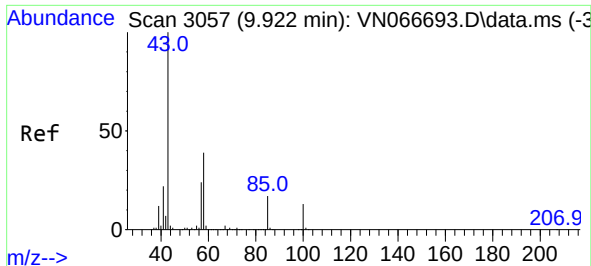
Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 52.6 78.8#



#50
Toluene-d8
Concen: 49.26 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion: 98 Resp: 620499
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7

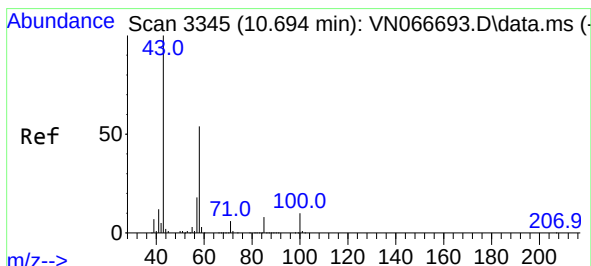
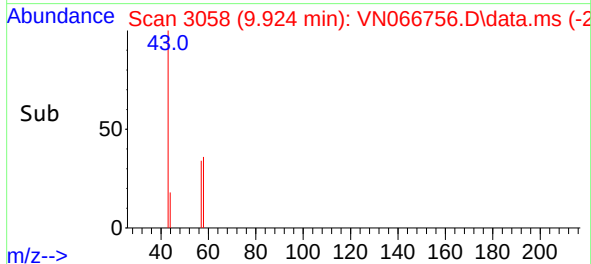
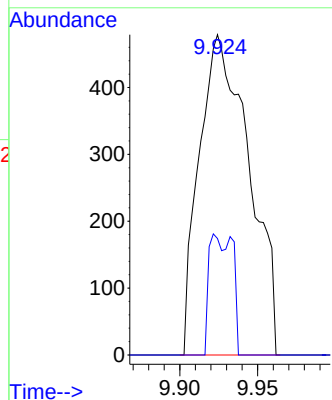
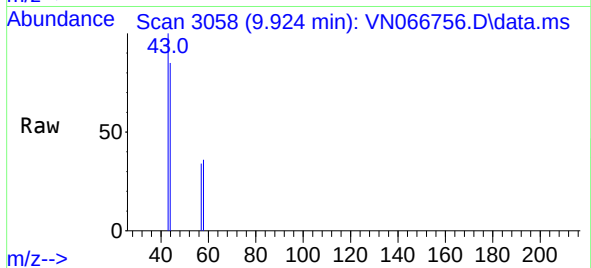




#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

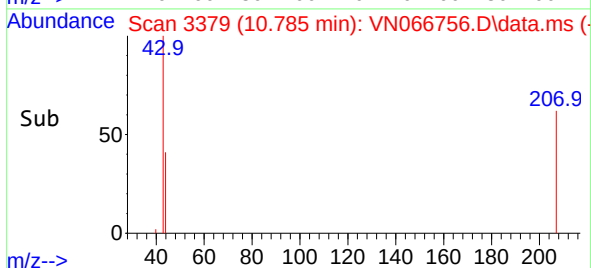
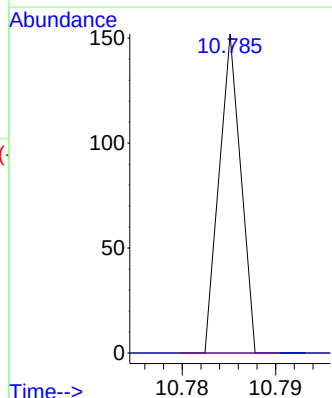
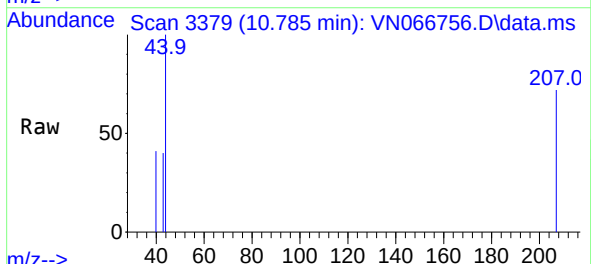
Instrument :
MSVOA_N
ClientSampled :

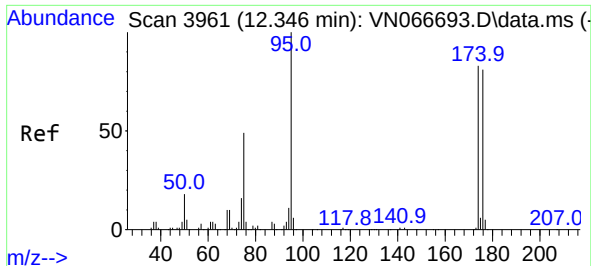
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 0.0 32.5 48.7#



#59
2-Hexanone
Concen: 16.64 ug/l
RT: 10.785 min Scan# 3379
Delta R.T. 0.091 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

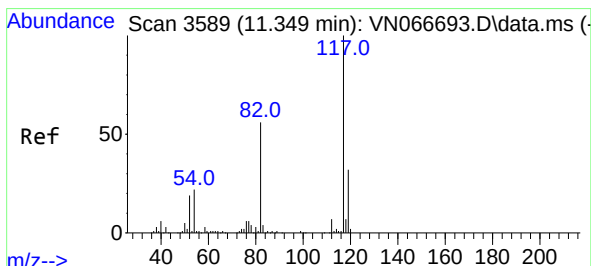
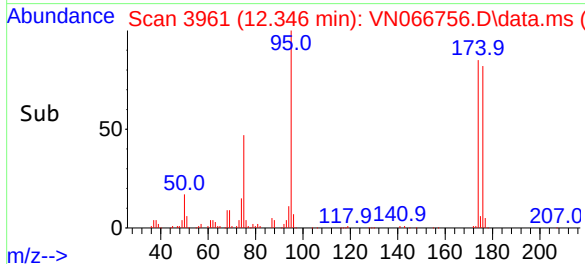
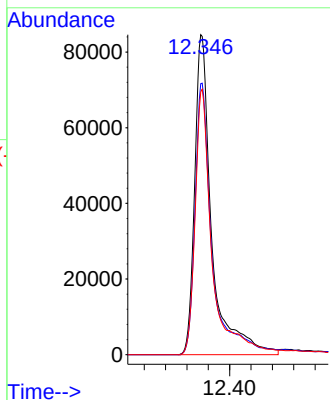
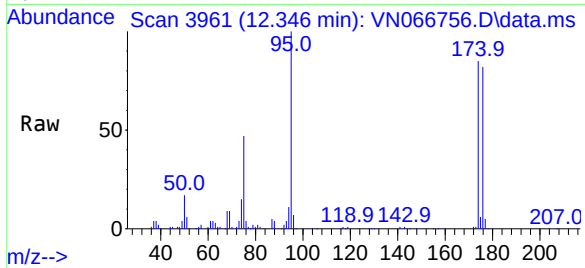




#62
4-Bromofluorobenzene
Concen: 43.79 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

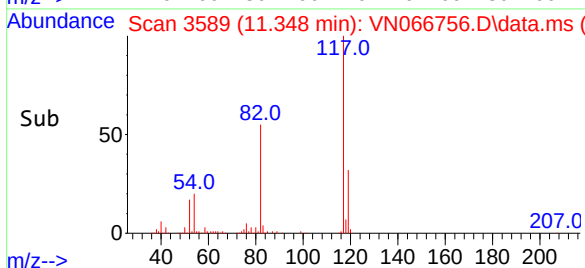
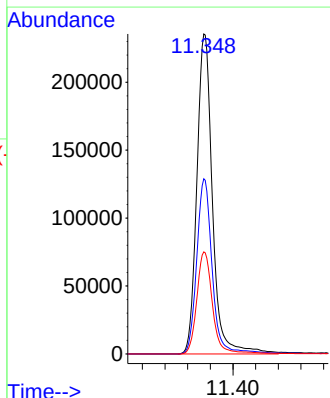
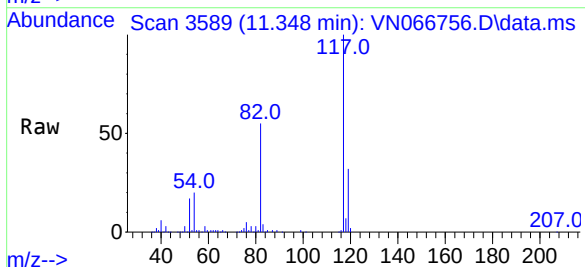
Instrument :
MSVOA_N
ClientSampled :

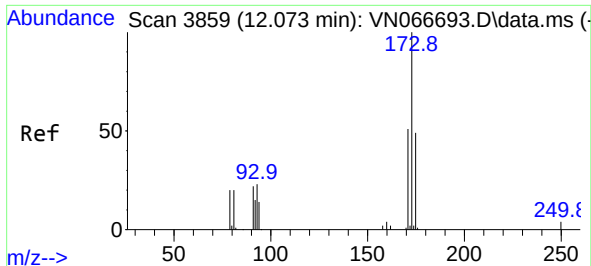
Tgt Ion: 95 Resp: 188902
Ion Ratio Lower Upper
95 100
174 85.2 0.0 169.0
176 82.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion: 117 Resp: 450226
Ion Ratio Lower Upper
117 100
82 54.8 43.7 65.5
119 31.9 26.1 39.1

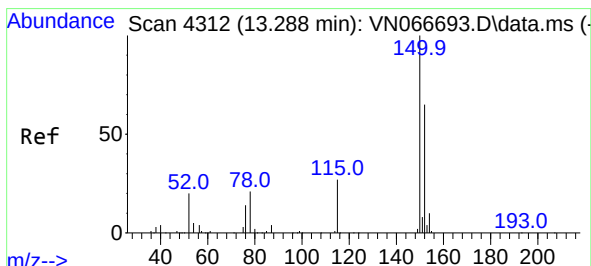
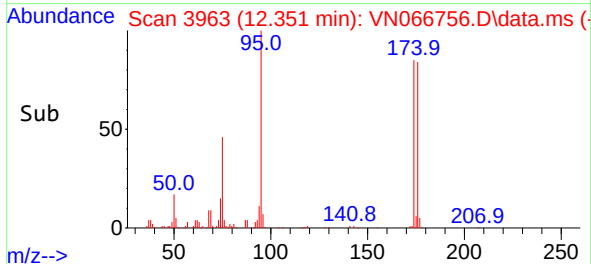
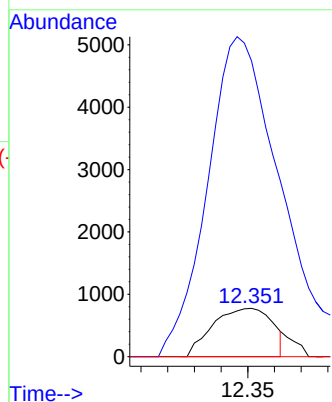
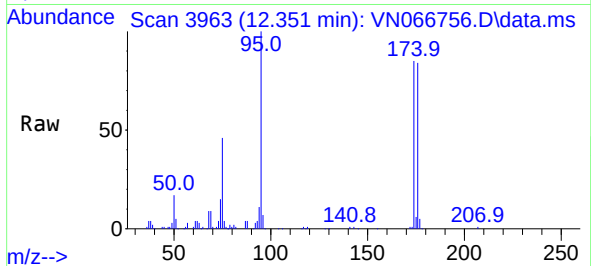




#71
Bromoform
Concen: 0.48 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

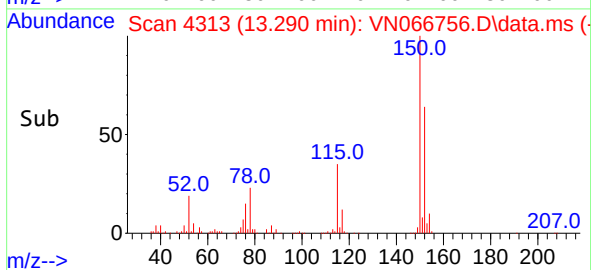
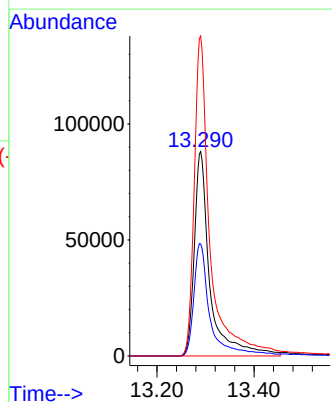
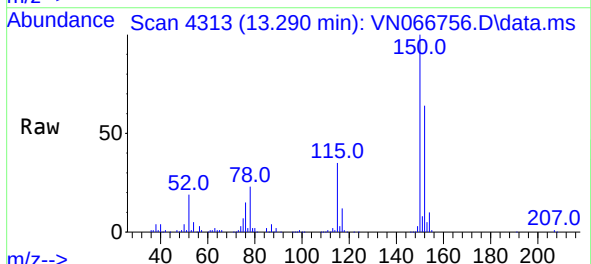
Instrument :
MSVOA_N
ClientSampled :

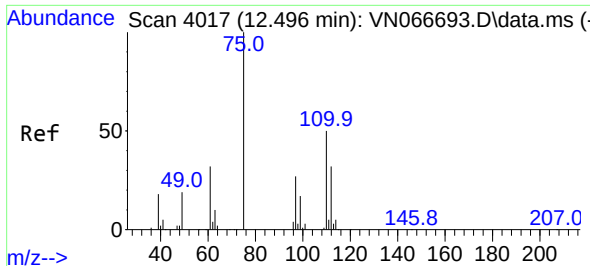
Tgt Ion:173 Resp: 1206
Ion Ratio Lower Upper
173 100
175 679.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion:152 Resp: 197607
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.6
150 159.8 0.0 347.6

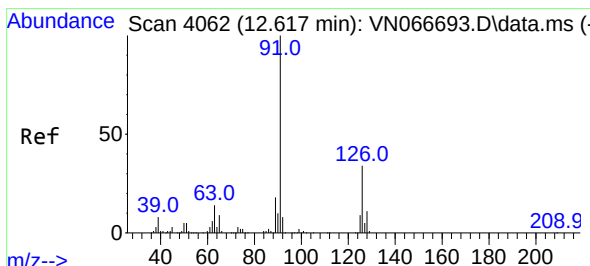
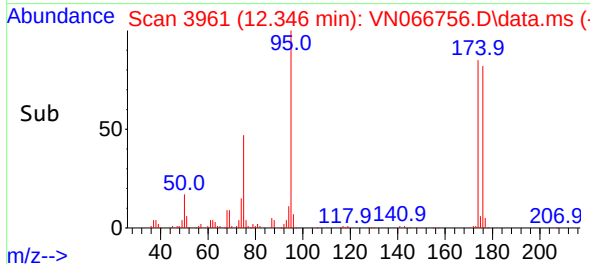
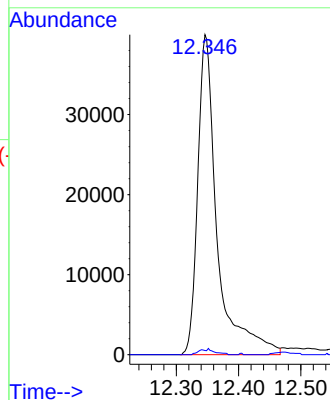
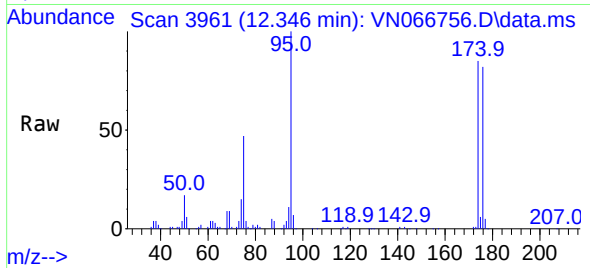




#76
1,2,3-Trichloropropane
Concen: 20.46 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

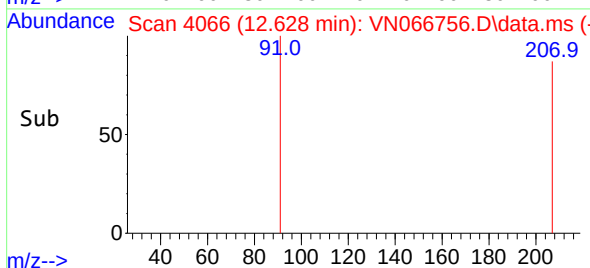
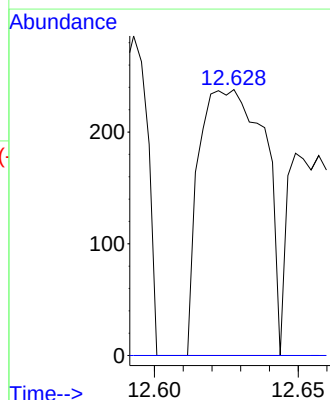
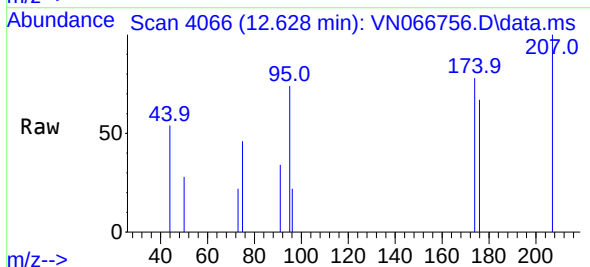
Instrument :
MSVOA_N
ClientSampled :

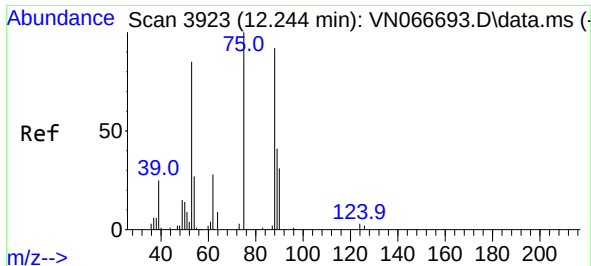
Tgt Ion: 75 Resp: 86515
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#79
2-Chlorotoluene
Concen: 0.97 ug/l
RT: 12.628 min Scan# 4066
Delta R.T. 0.011 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion: 91 Resp: 375
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#

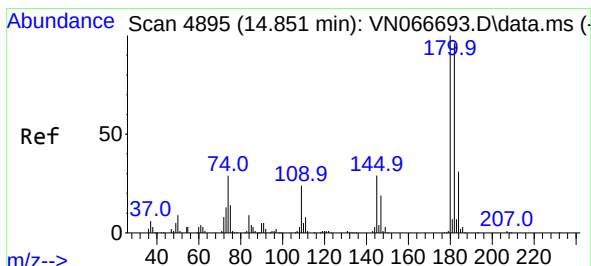
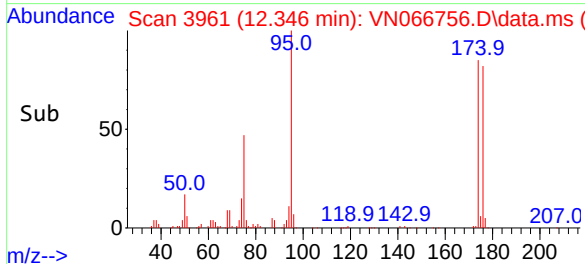
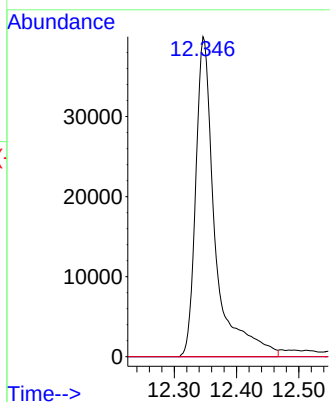
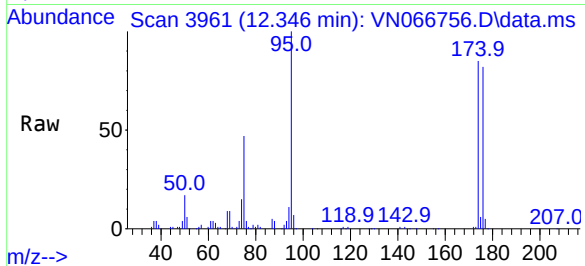




#81
trans-1,4-Dichloro-2-butene
Concen: 61.26 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

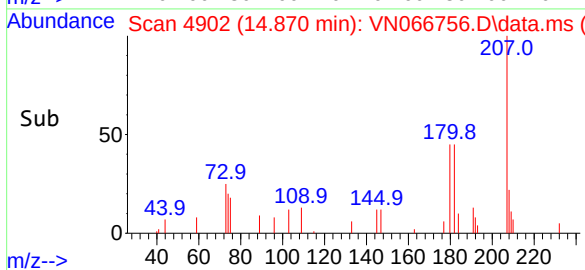
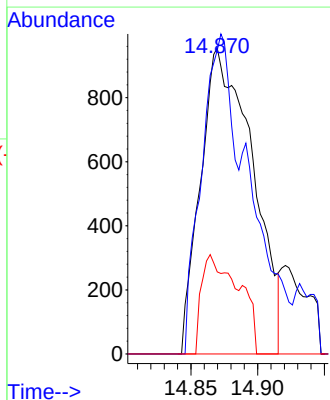
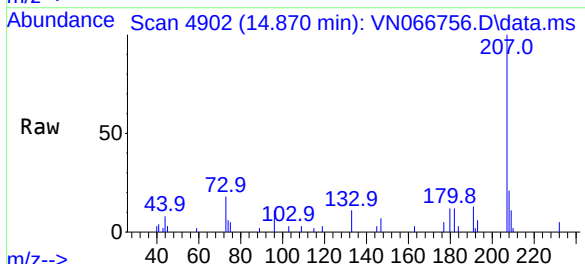
Instrument :
MSVOA_N
ClientSampleId :

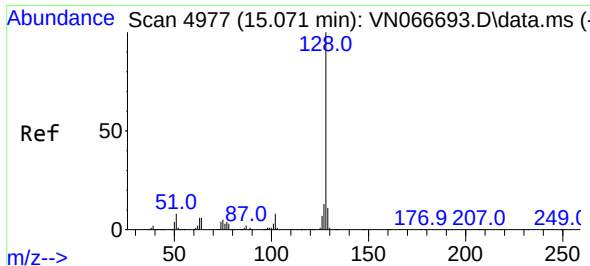
Tgt Ion: 75 Resp: 86515
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.66 ug/l
RT: 14.870 min Scan# 4902
Delta R.T. 0.019 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion: 180 Resp: 2581
Ion Ratio Lower Upper
180 100
182 64.4 47.3 142.0
145 18.4 15.6 46.8

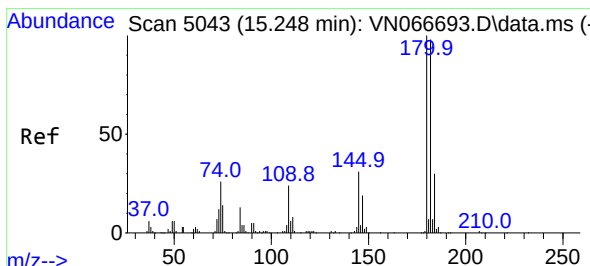
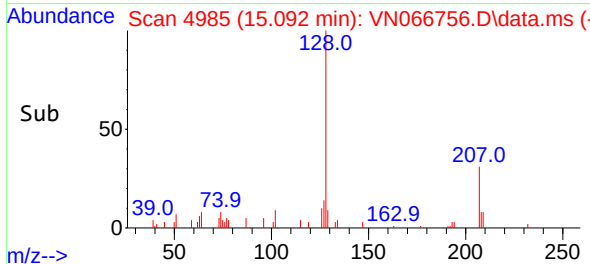
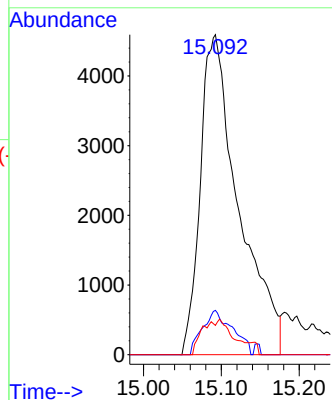
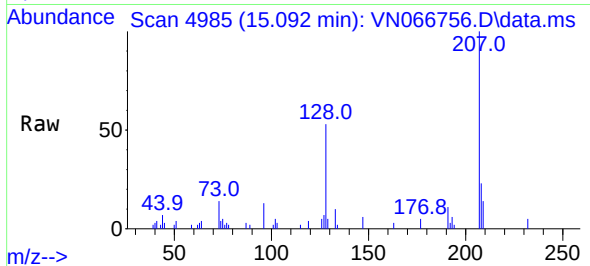




#95
Naphthalene
Concen: 3.51 ug/l
RT: 15.092 min Scan# 4985
Delta R.T. 0.021 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 15688
Ion Ratio Lower Upper
128 100
127 10.9 10.2 15.2
129 4.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.44 ug/l
RT: 15.256 min Scan# 5046
Delta R.T. 0.008 min
Lab File: VN066756.D
Acq: 26 Apr 2021 12:57

Tgt Ion:180 Resp: 3910
Ion Ratio Lower Upper
180 100
182 91.9 47.4 142.3
145 30.1 16.5 49.5

