

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066702.D
 Acq On : 21 Apr 2021 17:35
 Operator : JC/MD
 Sample : VN0421WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 22 08:29:54 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)

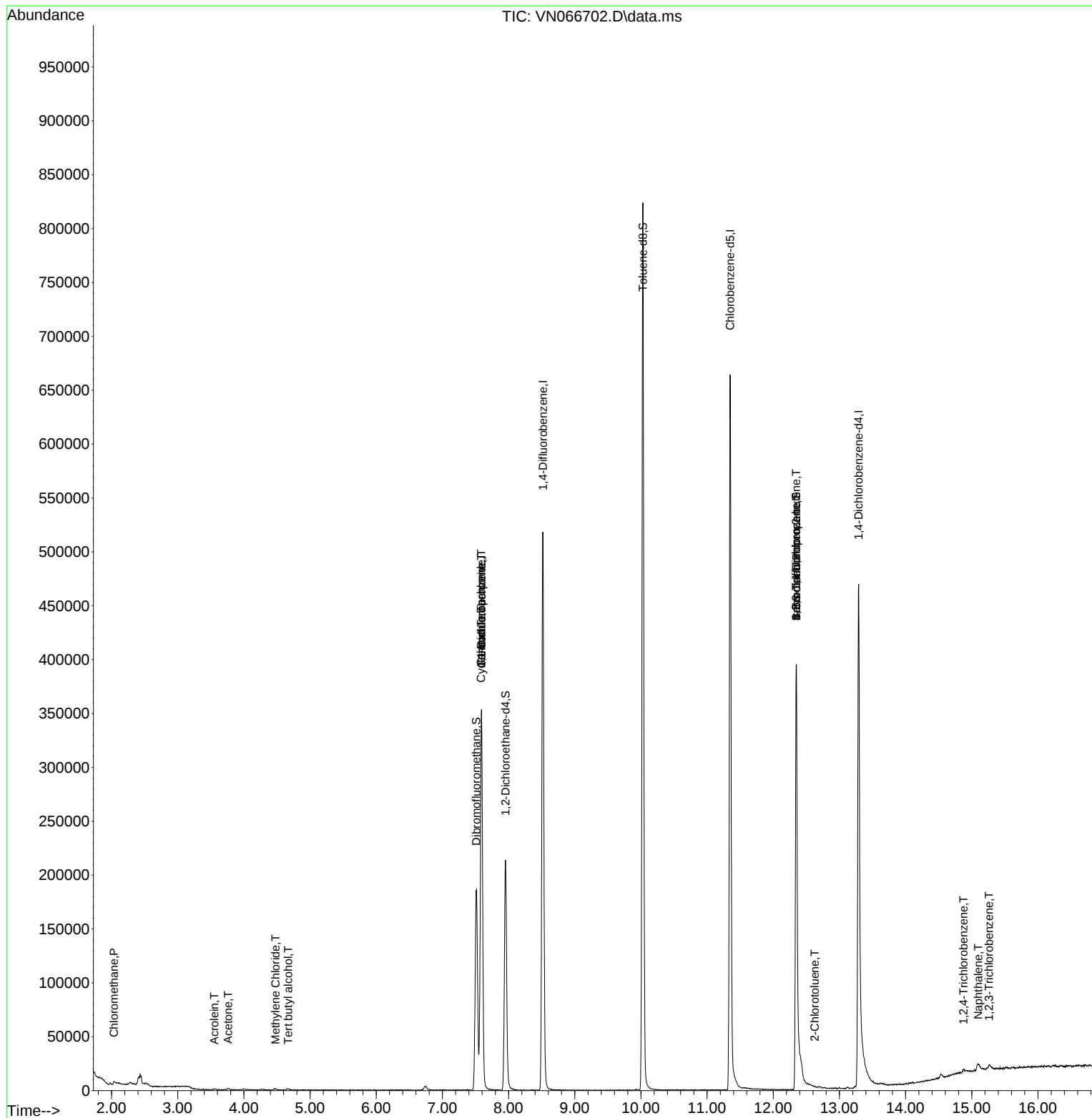
Internal Standards						
1) Pentafluorobenzene	7.591	168	308609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	479757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	427249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	187042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	183370	48.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.28%		
35) Dibromofluoromethane	7.513	113	149913	49.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.80%		
50) Toluene-d8	10.029	98	576223	49.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.36%		
62) 4-Bromofluorobenzene	12.346	95	180966	45.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.20%		
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1386	0.28	ug/l	99
11) Tert butyl alcohol	4.668	59	1021	2.14	ug/l #	73
13) Acrolein	3.552	56	911	1.73	ug/l	98
16) Acetone	3.761	43	1829	1.30	ug/l	88
20) Methylene Chloride	4.477	84	951	0.23	ug/l #	74
31) Cyclohexane	7.586	56	5937	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	22119	4.96	ug/l #	48
38) Carbon Tetrachloride	7.588	117	27209	6.41	ug/l #	17
71) Bromoform	12.349	173	1111	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	80005	19.99	ug/l #	100
79) 2-Chlorotoluene	12.625	91	585	0.99	ug/l #	40
81) trans-1,4-Dichloro-2-b...	12.346	75	80005	59.98	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.873	180	1555	2.42	ug/l #	55
95) Naphthalene	15.098	128	11053	3.08	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.262	180	2810	2.18	ug/l	93

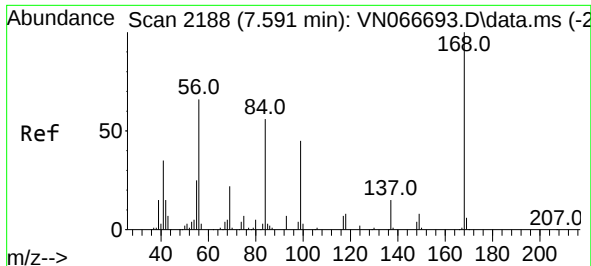
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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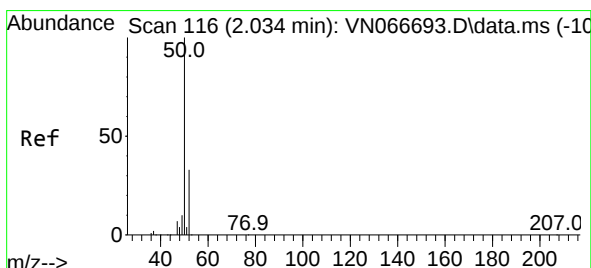
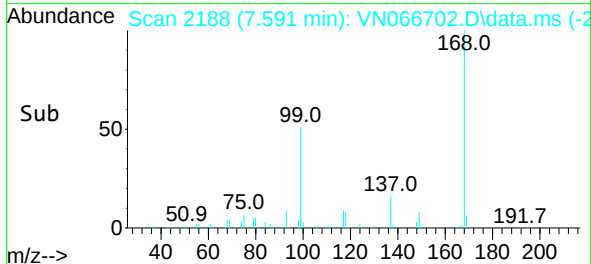
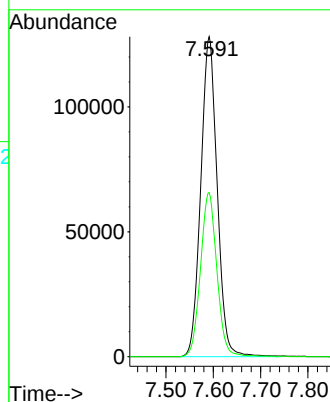
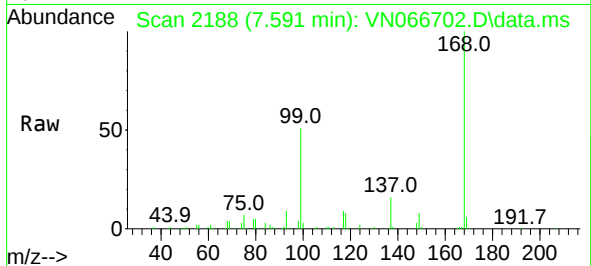




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

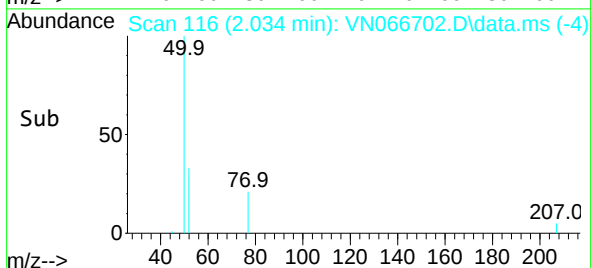
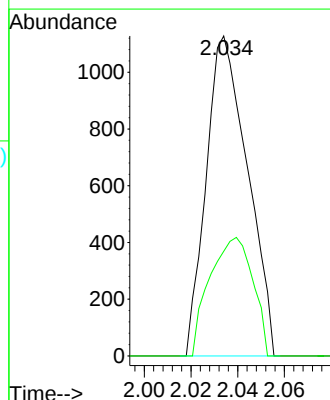
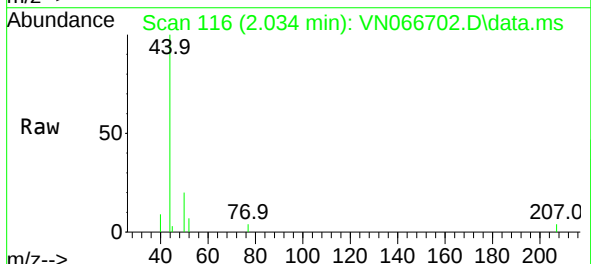
Instrument :
MSVOA_N
ClientSampleId :

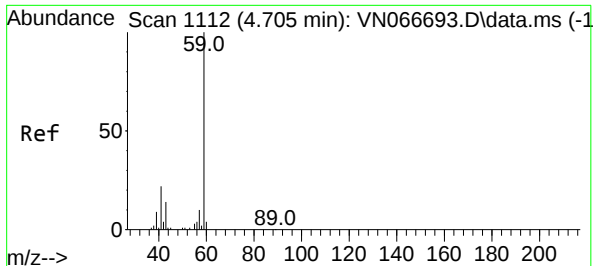
Tgt Ion:168 Resp: 308609
Ion Ratio Lower Upper
168 100
99 51.3 42.6 63.8



#3
Chloromethane
Concen: 0.28 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

Tgt Ion: 50 Resp: 1386
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8



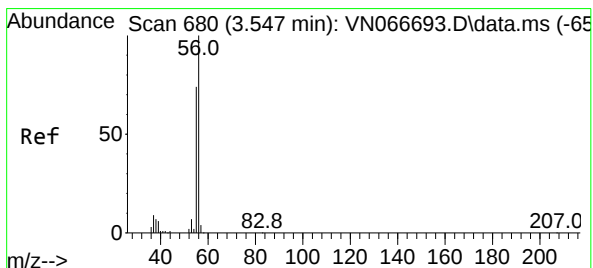
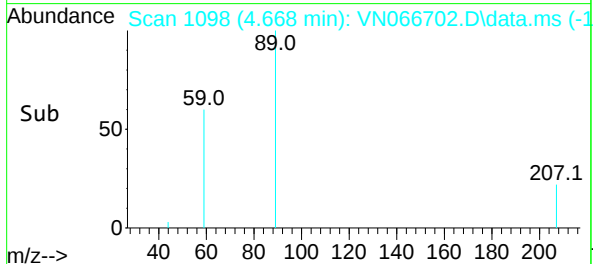
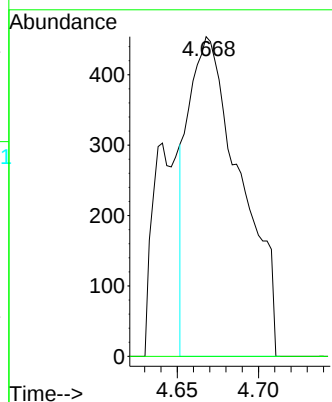
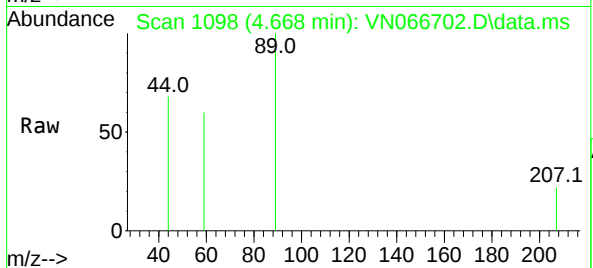


#11

Tert butyl alcohol
Concen: 2.14 ug/l
RT: 4.668 min Scan# 1098
Delta R.T. -0.037 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

Instrument :
MSVOA_N
ClientSampled :

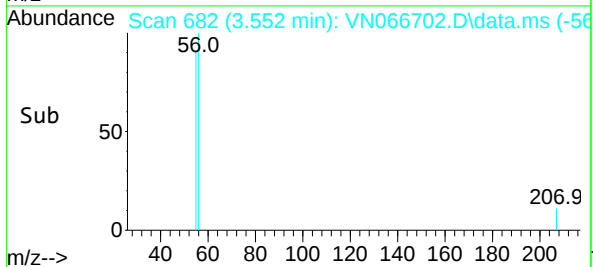
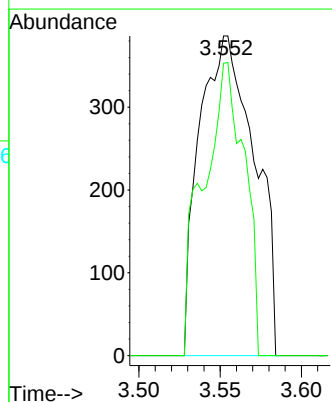
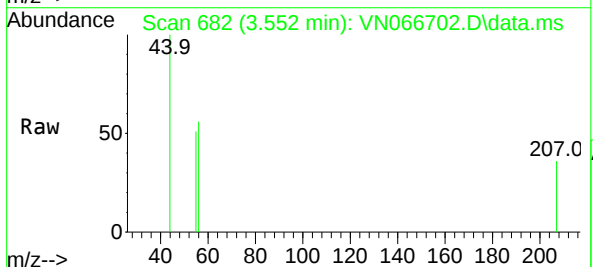
Tgt Ion: 59 Resp: 1021
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

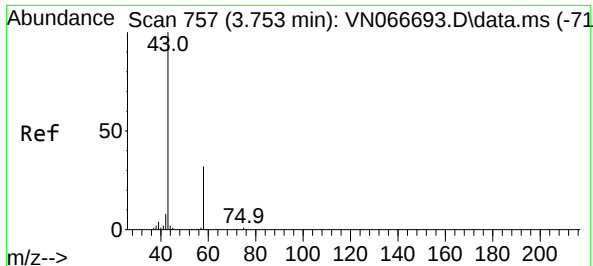


#13

Acrolein
Concen: 1.73 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

Tgt Ion: 56 Resp: 911
Ion Ratio Lower Upper
56 100
55 68.7 56.0 84.0

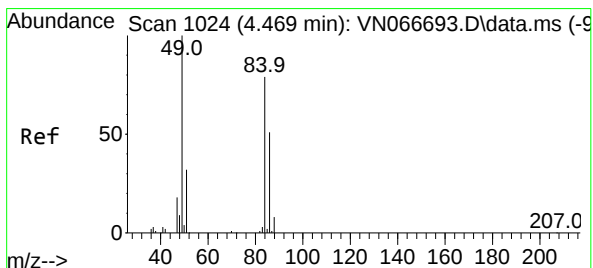
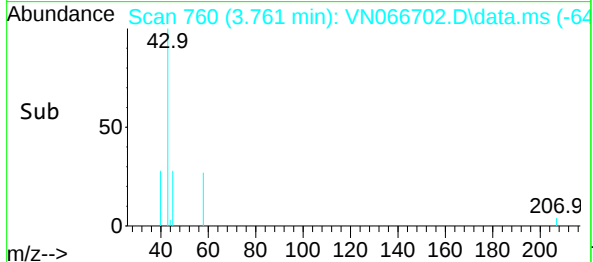
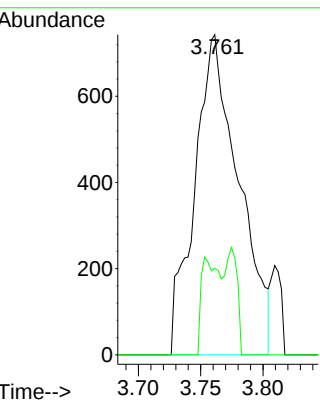
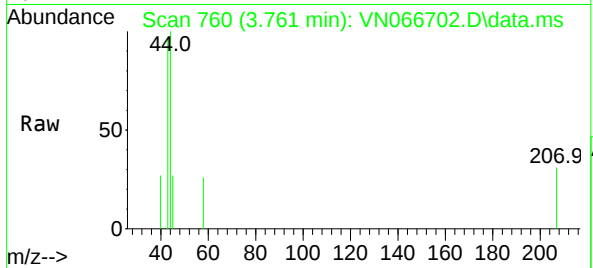




#16
Acetone
Concen: 1.30 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.008 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

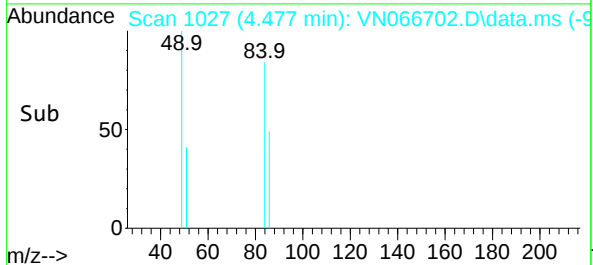
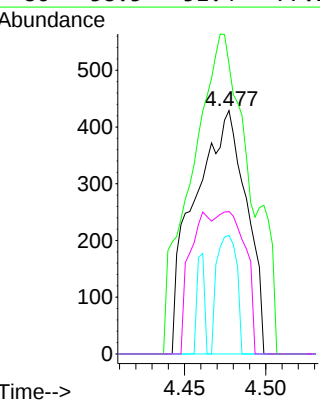
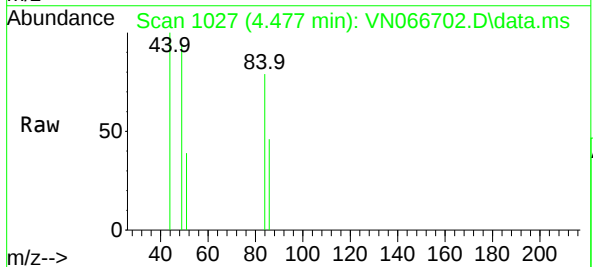
Instrument :
MSVOA_N
ClientSampled :

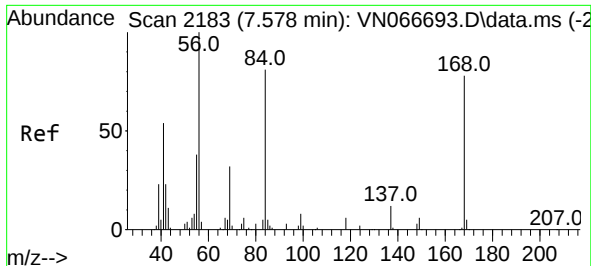
Tgt Ion: 43 Resp: 1829
Ion Ratio Lower Upper
43 100
58 27.1 27.0 40.6



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 4.477 min Scan# 1027
Delta R.T. 0.008 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

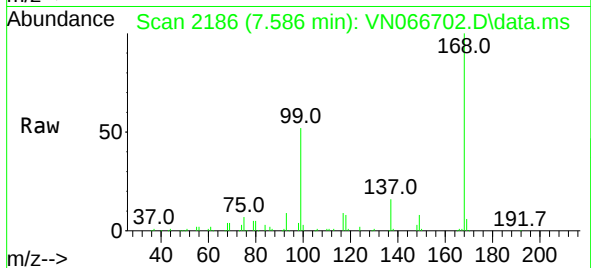
Tgt Ion: 84 Resp: 951
Ion Ratio Lower Upper
84 100
49 76.7 94.6 141.8#
51 48.7 29.9 44.9#
86 58.5 51.4 77.2



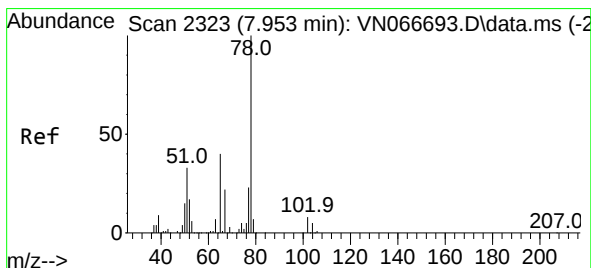
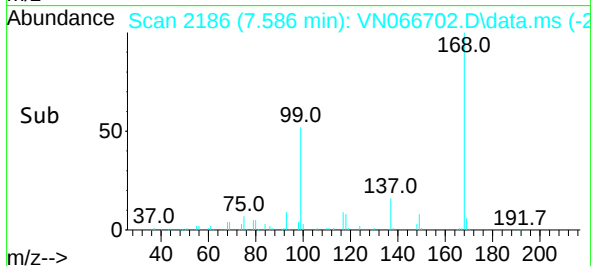
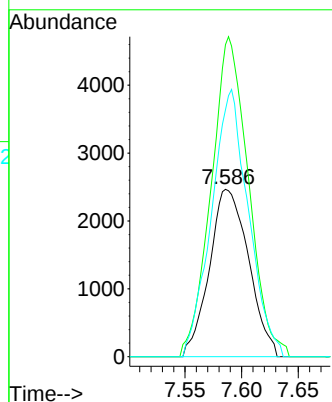


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. 0.008 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

Instrument :
MSVOA_N
ClientSampled :

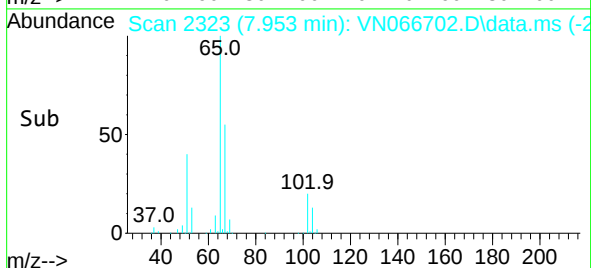
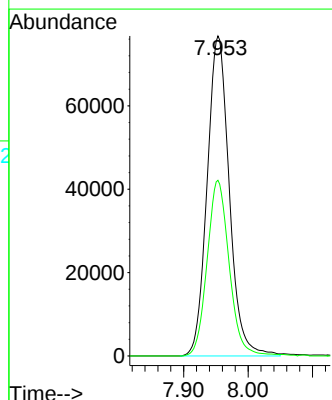
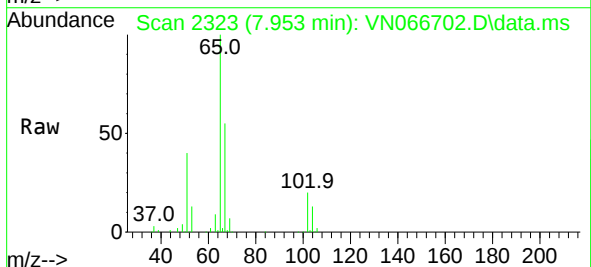


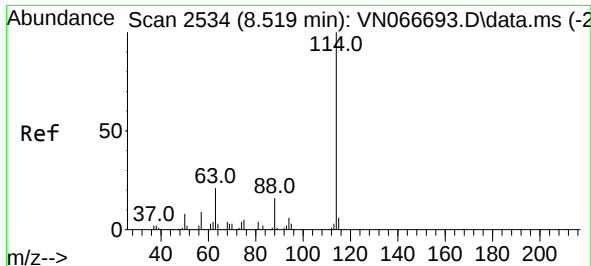
Tgt Ion: 56 Resp: 5937
Ion Ratio Lower Upper
56 100
69 186.3 26.6 39.8#
84 147.5 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.64 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

Tgt Ion: 65 Resp: 183370
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.2

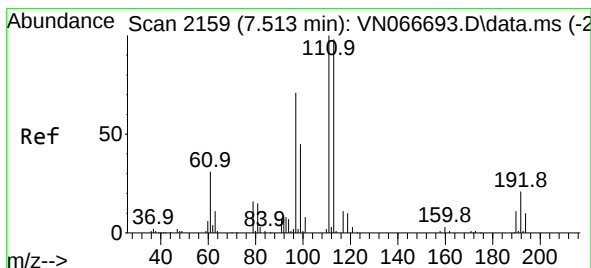
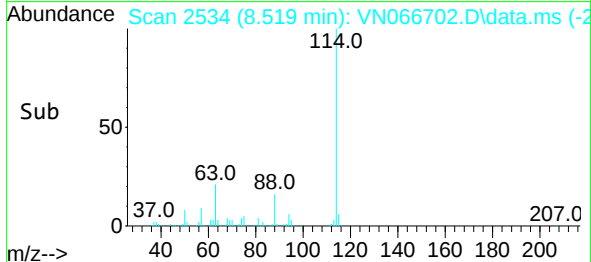
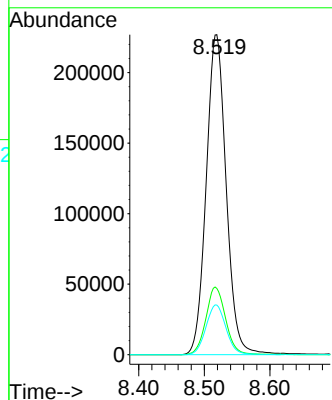
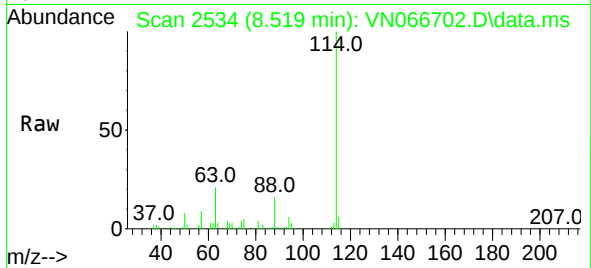




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

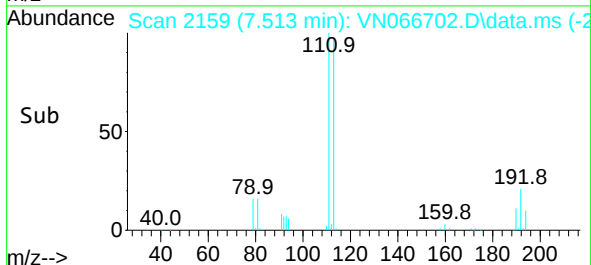
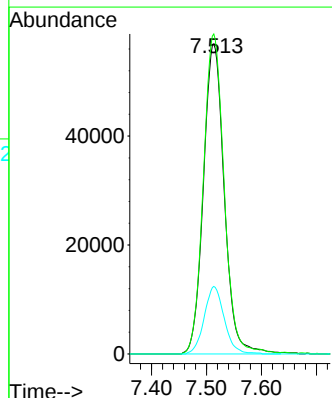
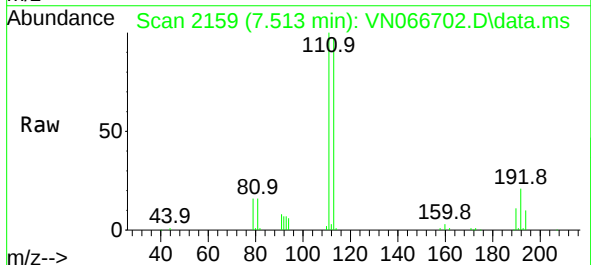
Instrument :
MSVOA_N
ClientSampleId :

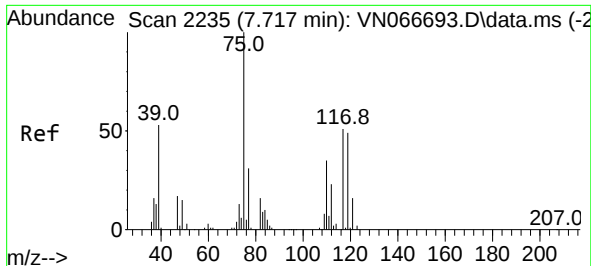
Tgt Ion:114 Resp: 479757
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.6
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.90 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

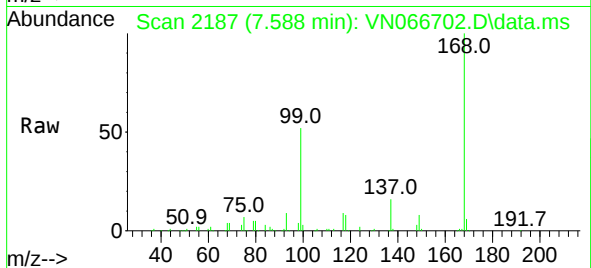
Tgt Ion:113 Resp: 149913
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 21.0 15.4 23.0



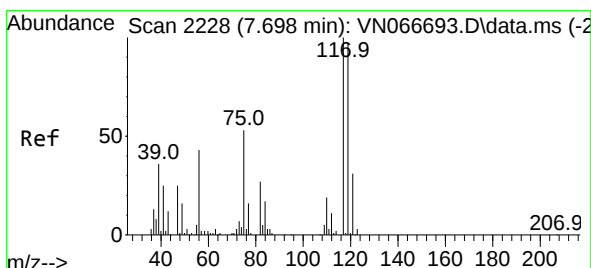
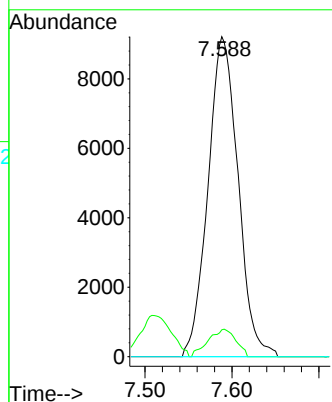
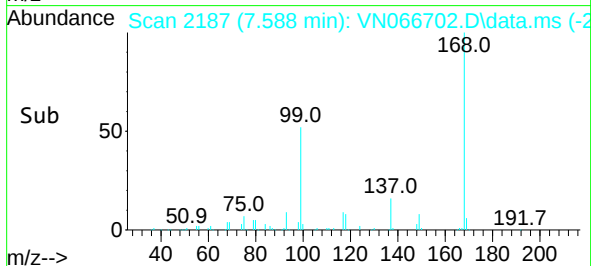


#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

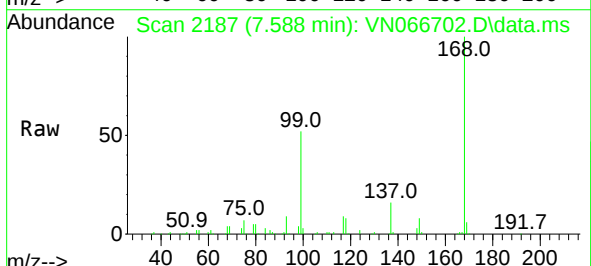
Instrument :
MSVOA_N
ClientSampled :



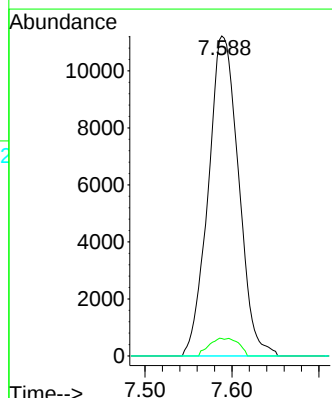
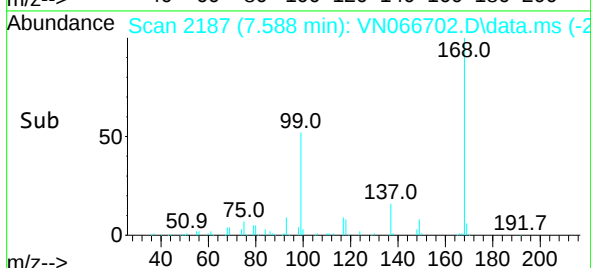
Tgt Ion: 75 Resp: 22119
Ion Ratio Lower Upper
75 100
110 7.9 18.2 54.6#
77 0.0 24.9 37.3#

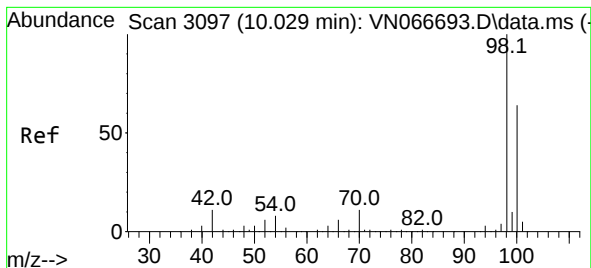


#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.110 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35



Tgt Ion: 117 Resp: 27209
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#

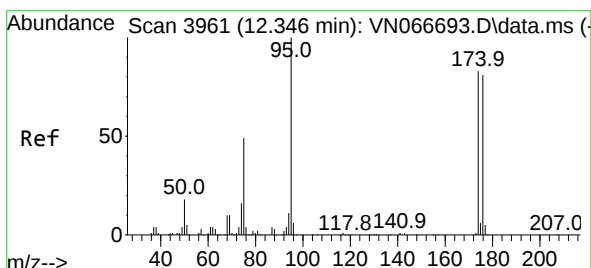
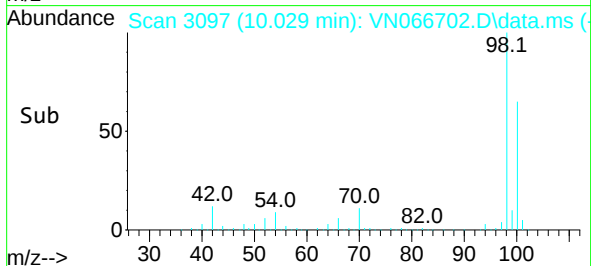
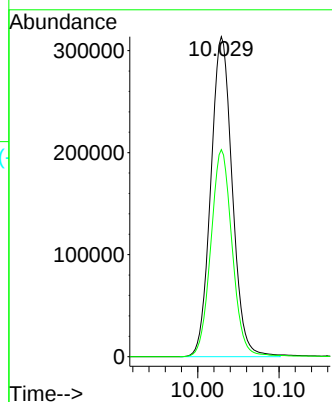
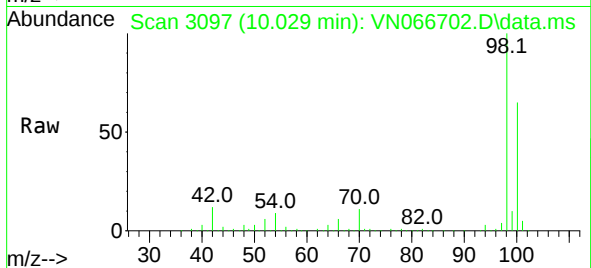




#50
Toluene-d8
Concen: 49.18 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

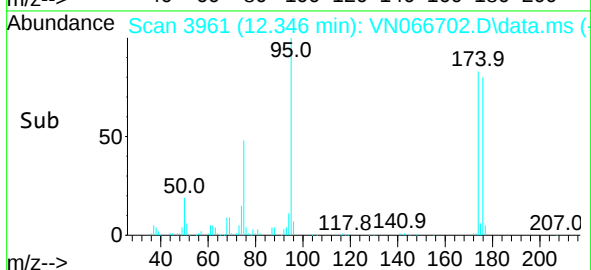
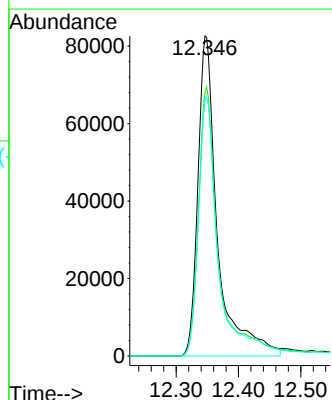
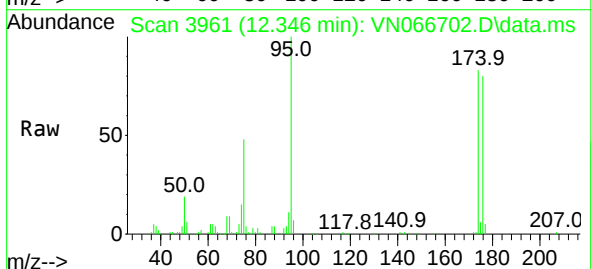
Instrument :
MSVOA_N
ClientSampleId :

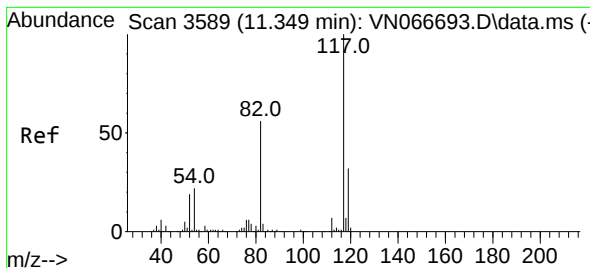
Tgt Ion: 98 Resp: 576223
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.10 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

Tgt Ion: 95 Resp: 180966
Ion Ratio Lower Upper
95 100
174 76.1 0.0 169.0
176 83.0 0.0 162.4

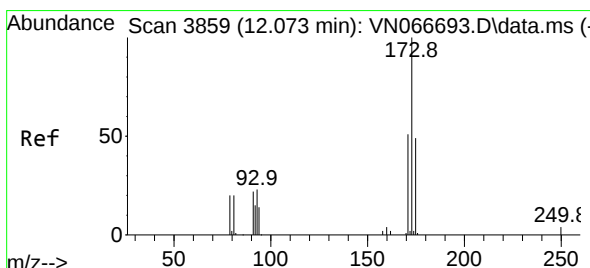
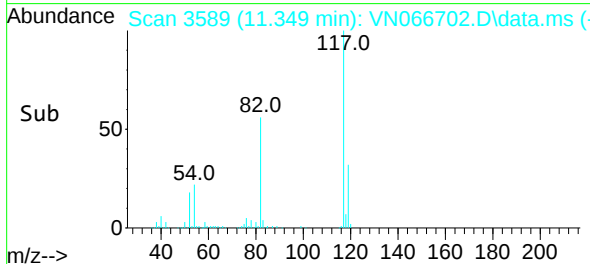
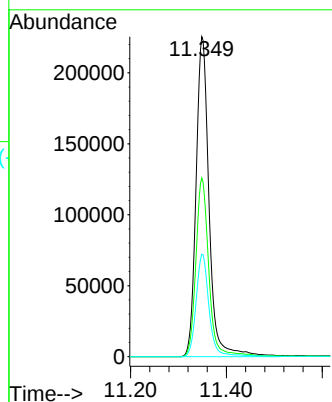
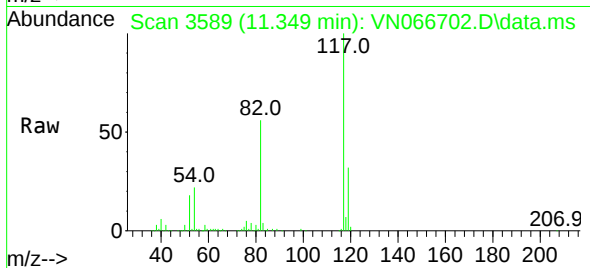




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

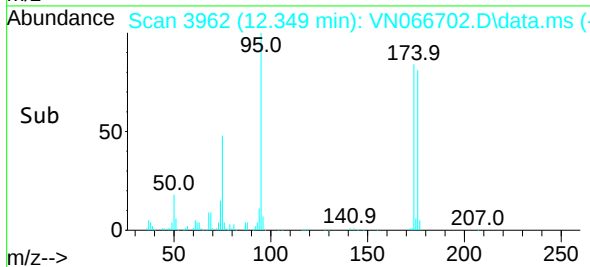
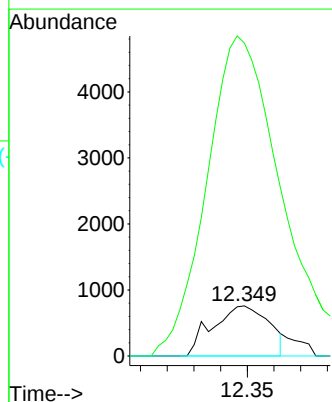
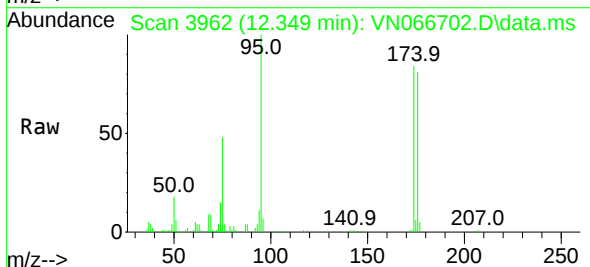
Instrument :
MSVOA_N
ClientSampled :

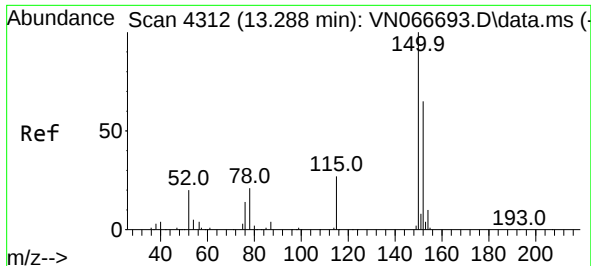
Tgt Ion:117 Resp: 427249
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 32.0 26.1 39.1



#71
Bromoform
Concen: 0.46 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

Tgt Ion:173 Resp: 1111
Ion Ratio Lower Upper
173 100
175 708.7 23.8 71.2#
254 0.0 0.0 0.0

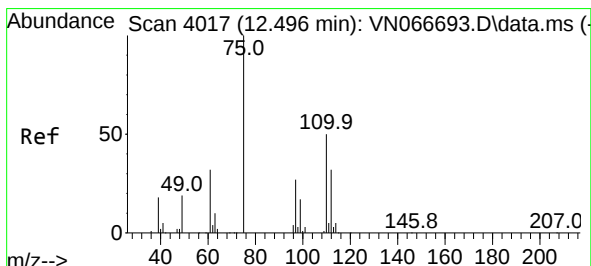
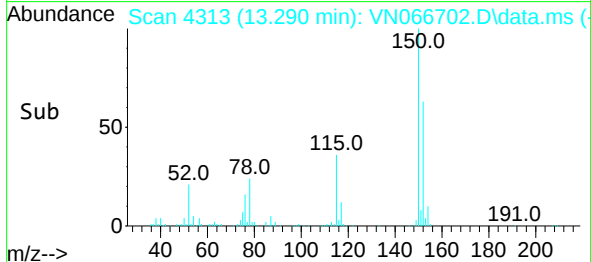
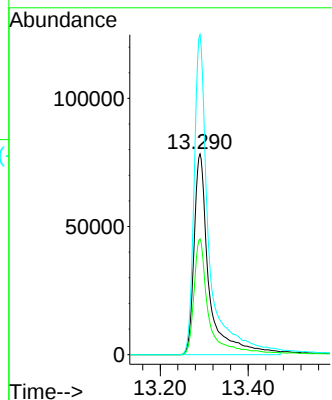
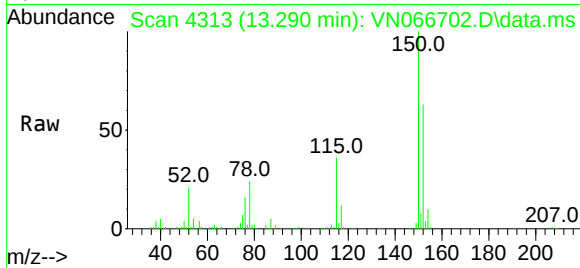




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

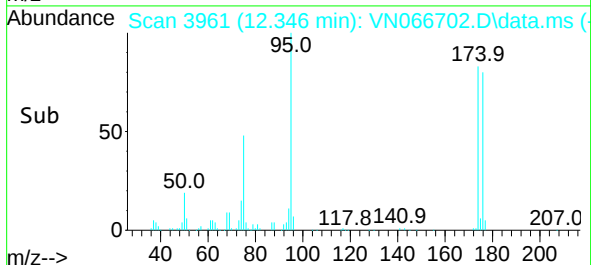
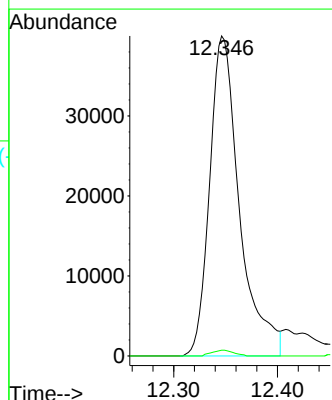
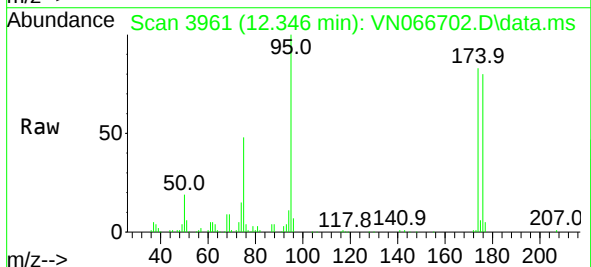
Instrument :
MSVOA_N
ClientSampled :

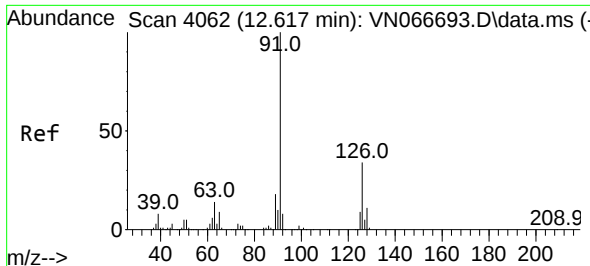
Tgt Ion:152 Resp: 187042
Ion Ratio Lower Upper
152 100
115 53.5 28.5 85.6
150 159.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 19.99 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

Tgt Ion: 75 Resp: 80005
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

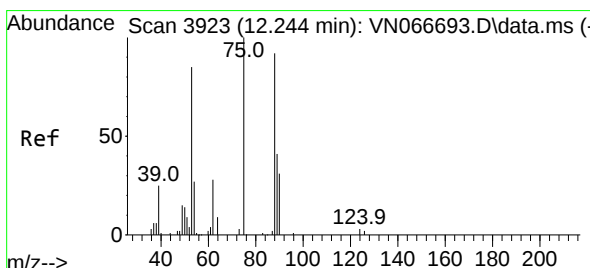
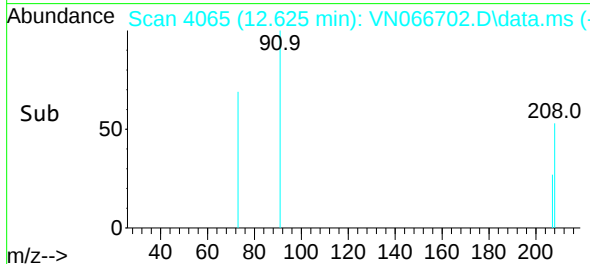
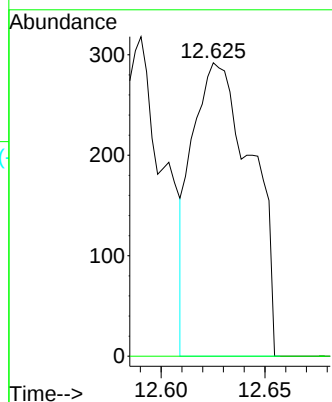
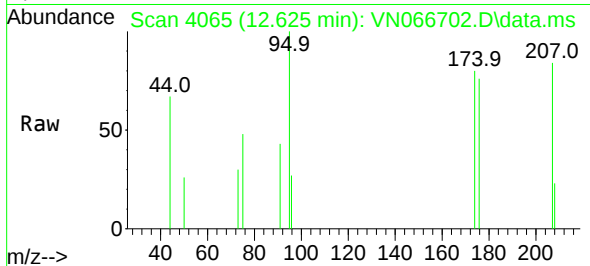




#79
2-Chlorotoluene
Concen: 0.99 ug/l
RT: 12.625 min Scan# 4065
Delta R.T. 0.008 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

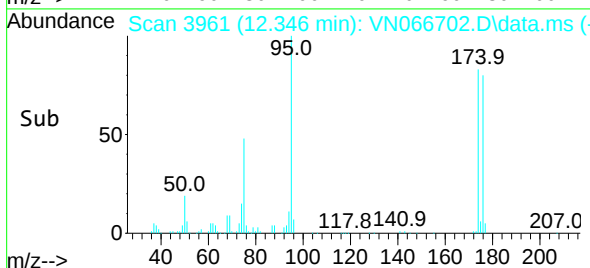
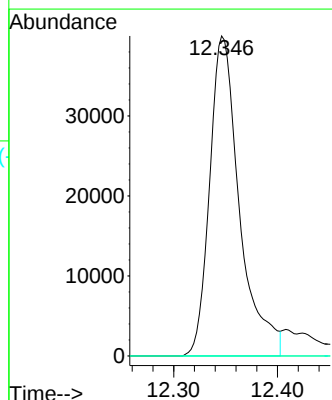
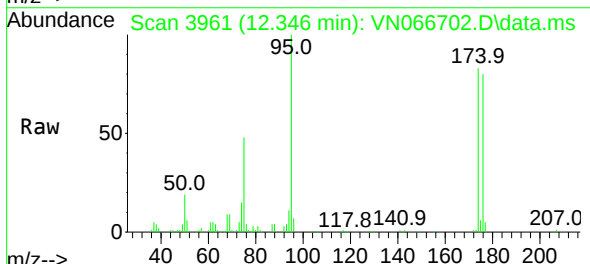
Instrument :
MSVOA_N
ClientSampled :

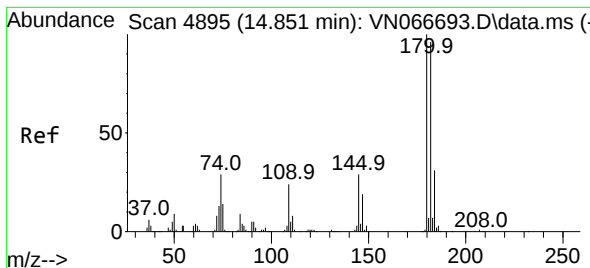
Tgt Ion: 91 Resp: 585
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.98 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

Tgt Ion: 75 Resp: 80005
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

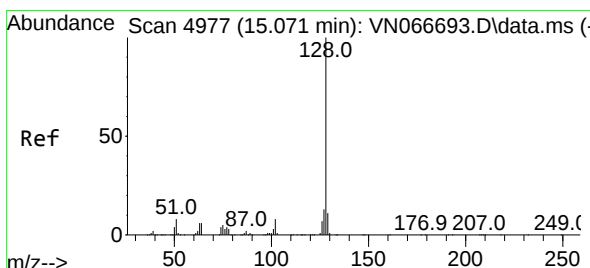
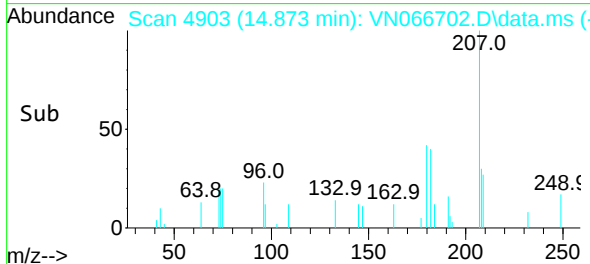
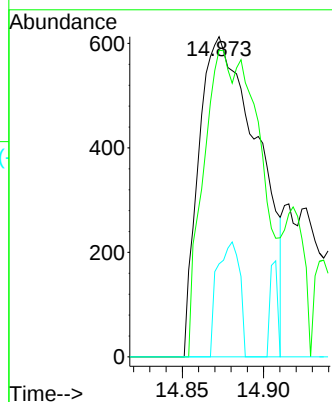
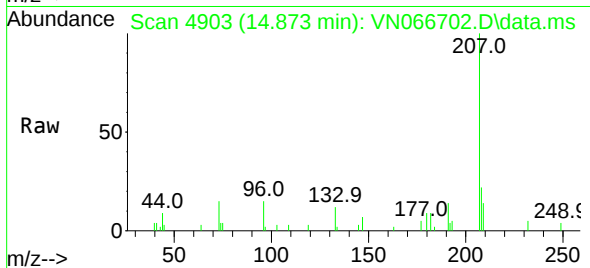




#93
1,2,4-Trichlorobenzene
Concen: 2.42 ug/l
RT: 14.873 min Scan# 4903
Delta R.T. 0.022 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

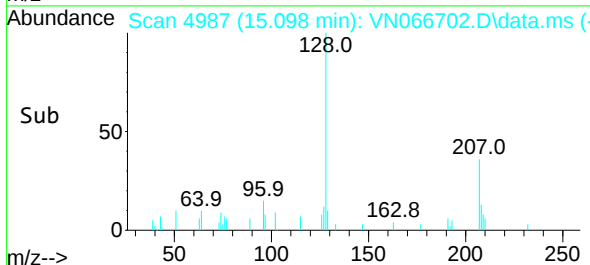
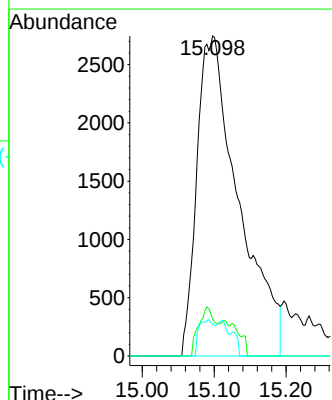
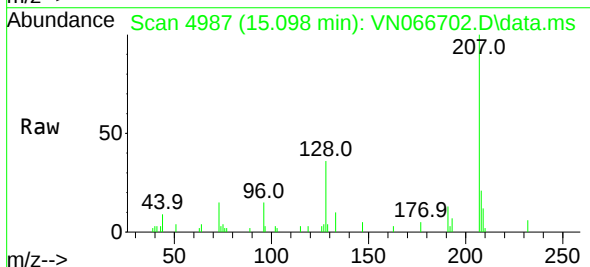
Instrument :
MSVOA_N
ClientSampled :

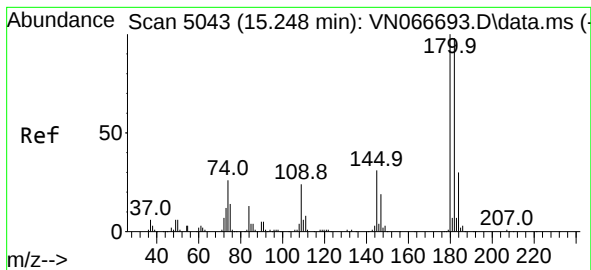
Tgt Ion:180 Resp: 1555
Ion Ratio Lower Upper
180 100
182 46.4 47.3 142.0#
145 13.5 15.6 46.8#



#95
Naphthalene
Concen: 3.08 ug/l
RT: 15.098 min Scan# 4987
Delta R.T. 0.027 min
Lab File: VN066702.D
Acq: 21 Apr 2021 17:35

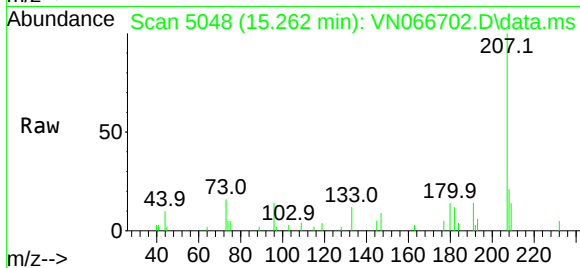
Tgt Ion:128 Resp: 11053
Ion Ratio Lower Upper
128 100
127 6.6 10.2 15.2#
129 4.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.18 ug/l
 RT: 15.262 min Scan# 5048
 Delta R.T. 0.014 min
 Lab File: VN066702.D
 Acq: 21 Apr 2021 17:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2810
Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.4	142.3
145	23.8	16.5	49.5

