

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066733.D
 Acq On : 23 Apr 2021 13:20
 Operator : JC/MD
 Sample : VN0423WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 16:49:14 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)

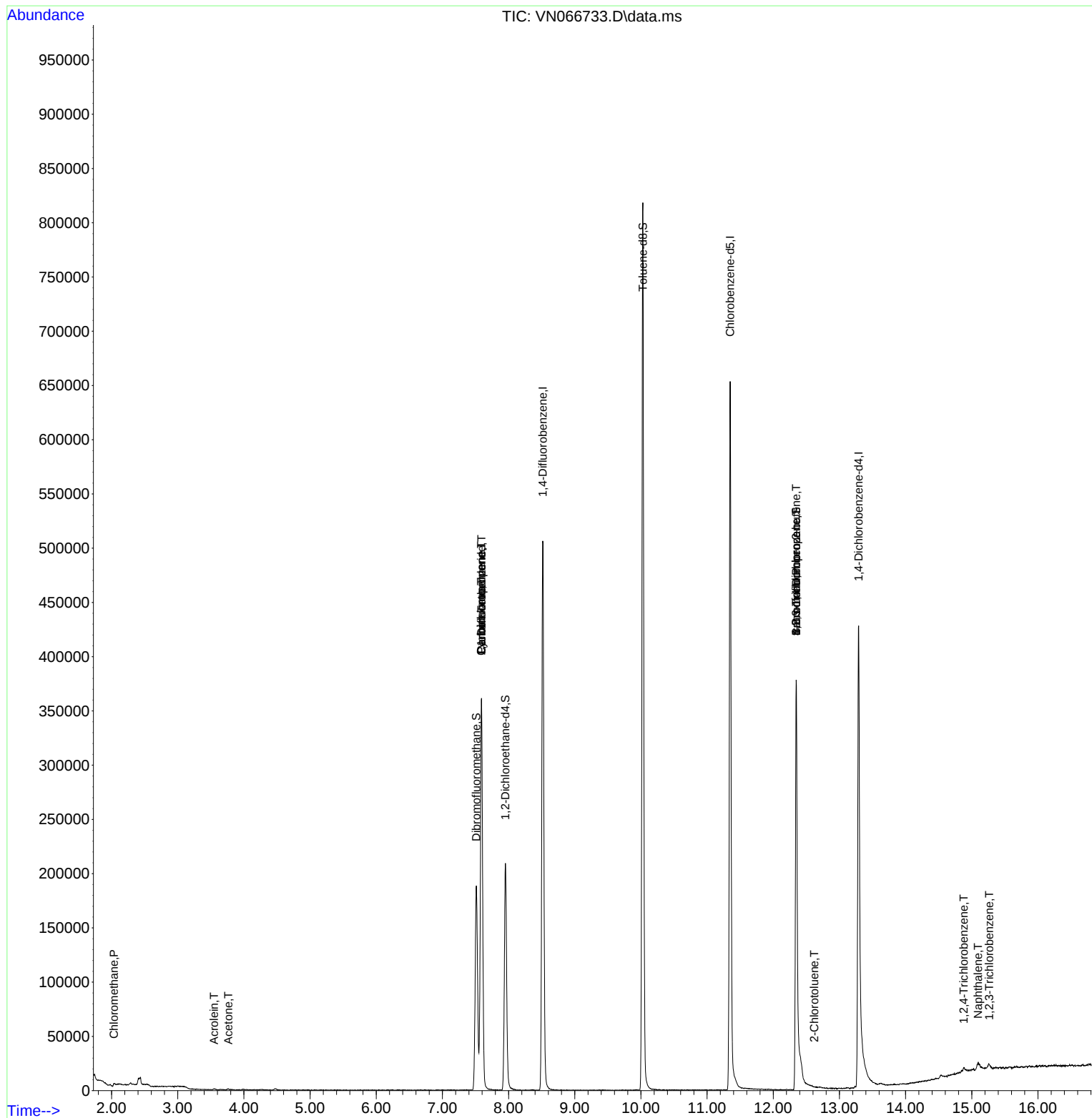
Internal Standards						
1) Pentafluorobenzene	7.591	168	317701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	483119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	420404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	156923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	180851	46.60	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.20%		
35) Dibromofluoromethane	7.513	113	150843	49.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.72%		
50) Toluene-d8	10.029	98	583121	49.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.84%		
62) 4-Bromofluorobenzene	12.346	95	175207	43.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.72%		
Target Compounds					Qvalue	
3) Chloromethane	2.034	50	1426	0.28	ug/l	92
13) Acrolein	3.549	56	660	1.21	ug/l #	68
16) Acetone	3.764	43	1038	0.71	ug/l	90
31) Cyclohexane	7.588	56	5639	0.89	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	22002	4.90	ug/l #	48
38) Carbon Tetrachloride	7.591	117	27381	6.40	ug/l #	17
71) Bromoform	12.346	173	1011	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	83633	24.91	ug/l #	100
79) 2-Chlorotoluene	12.620	91	467	0.99	ug/l #	40
81) trans-1,4-Dichloro-2-b...	12.346	75	83633	73.38	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.878	180	1716	2.56	ug/l #	39
95) Naphthalene	15.093	128	10767	3.28	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.264	180	2615	2.27	ug/l #	54

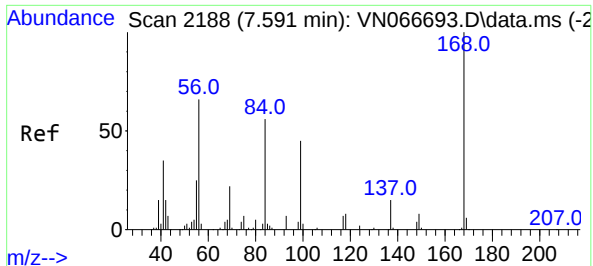
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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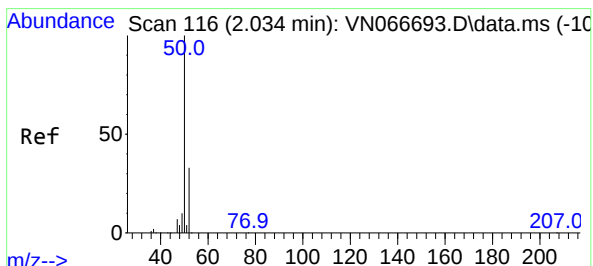
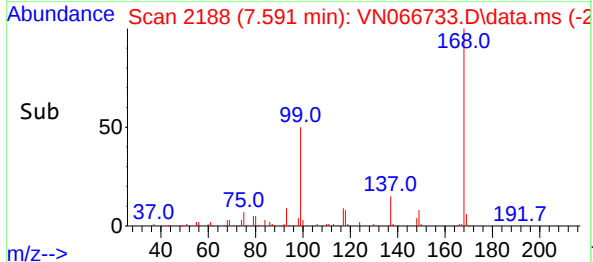
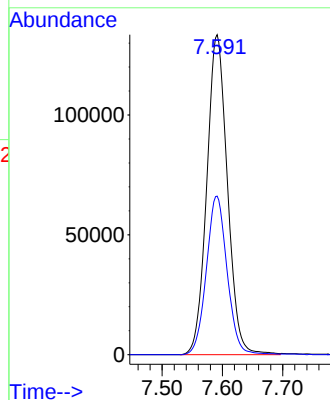
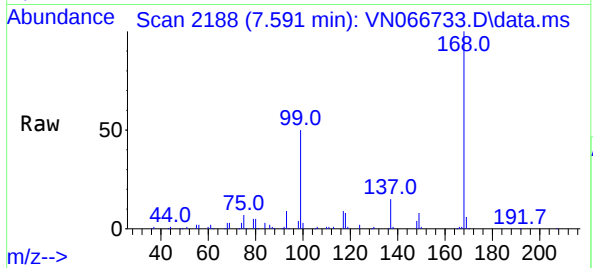




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

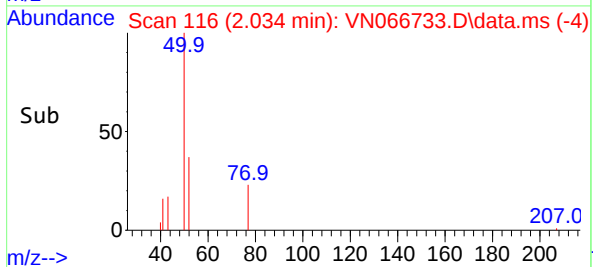
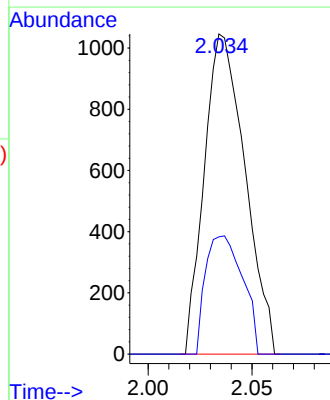
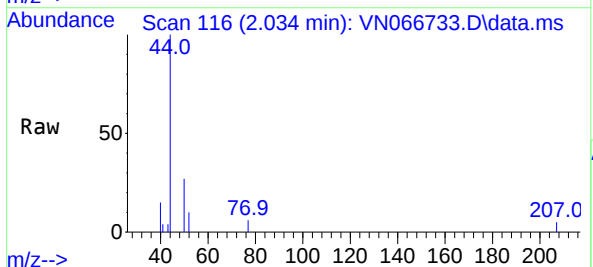
Instrument :
MSVOA_N
ClientSampled :

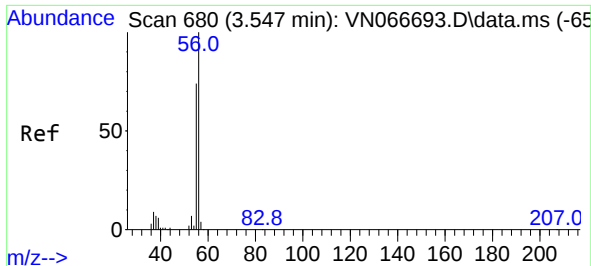
Tgt Ion:168 Resp: 317701
Ion Ratio Lower Upper
168 100
99 49.5 42.6 63.8



#3
Chloromethane
Concen: 0.28 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

Tgt Ion: 50 Resp: 1426
Ion Ratio Lower Upper
50 100
52 36.6 25.8 38.8

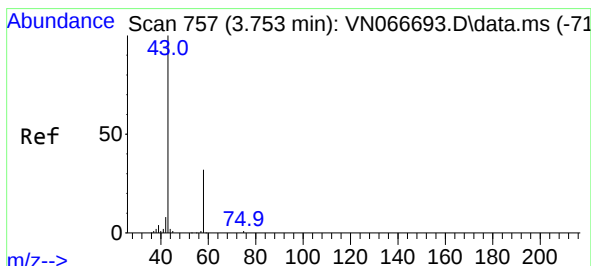
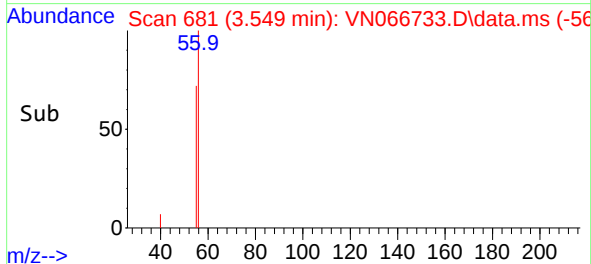
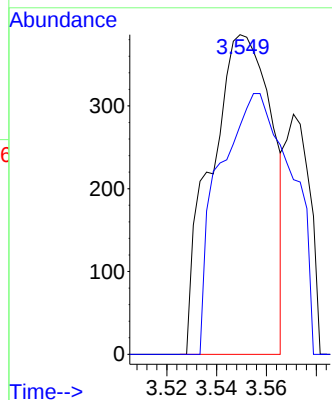
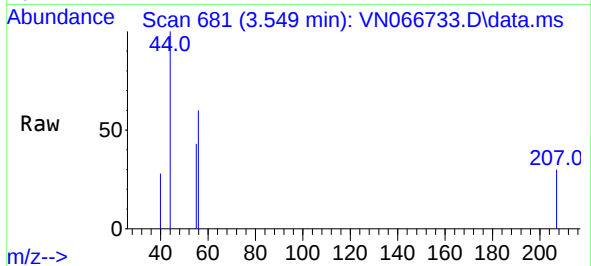




#13
Acrolein
Concen: 1.21 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

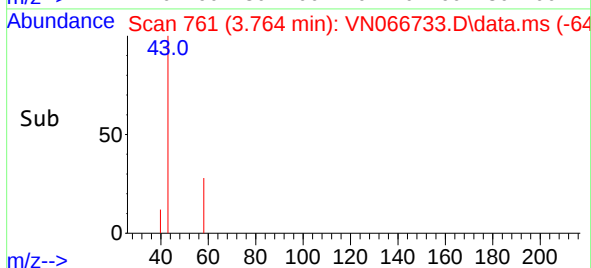
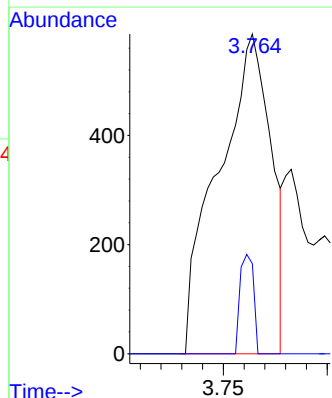
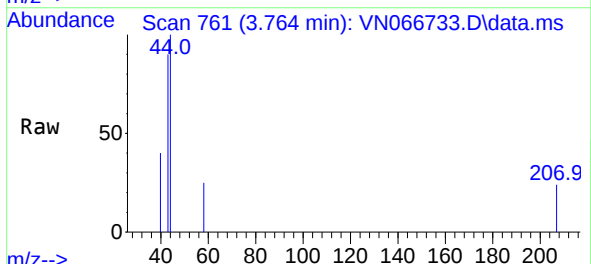
Instrument :
MSVOA_N
ClientSampled :

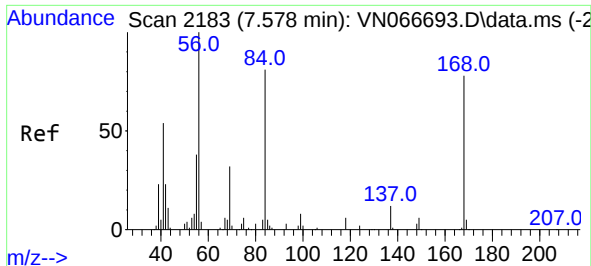
Tgt Ion: 56 Resp: 660
Ion Ratio Lower Upper
56 100
55 96.4 56.0 84.0#



#16
Acetone
Concen: 0.71 ug/l
RT: 3.764 min Scan# 761
Delta R.T. 0.011 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

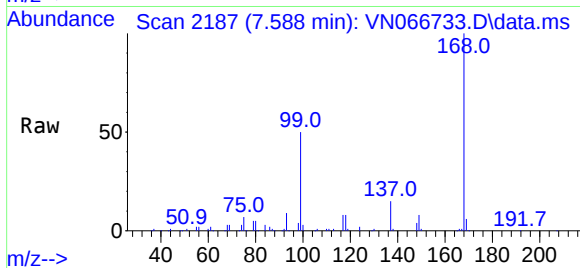
Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 28.2 27.0 40.6



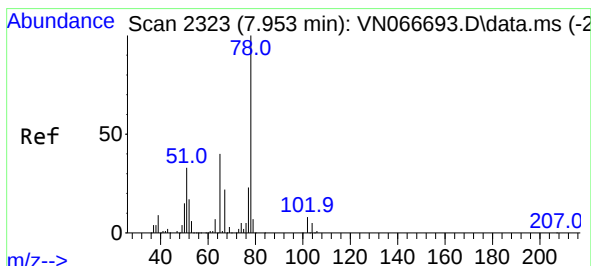
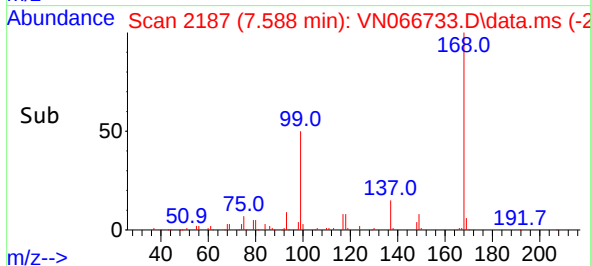
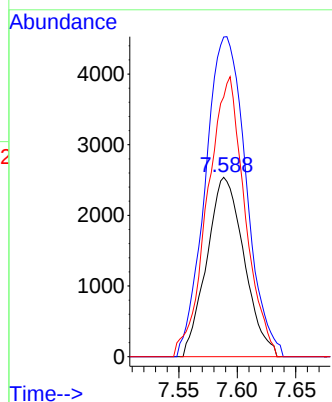


#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

Instrument :
MSVOA_N
ClientSampled :

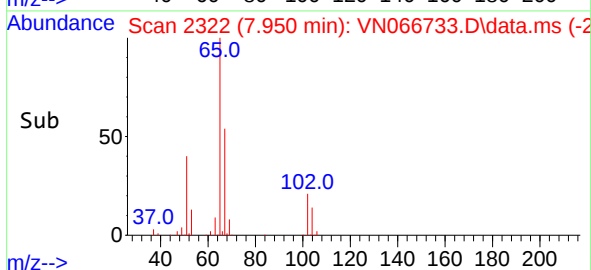
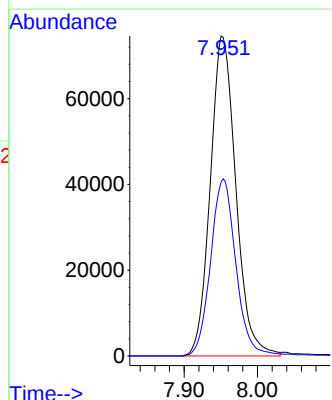
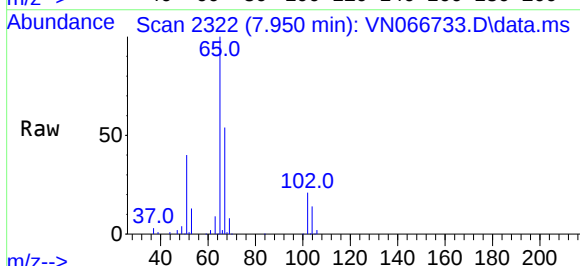


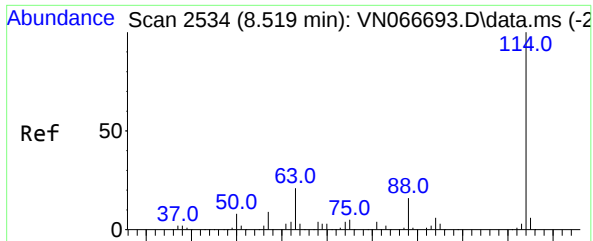
Tgt Ion: 56 Resp: 5639
Ion Ratio Lower Upper
56 100
69 171.8 26.6 39.8#
84 144.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.60 ug/l
RT: 7.950 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

Tgt Ion: 65 Resp: 180851
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2

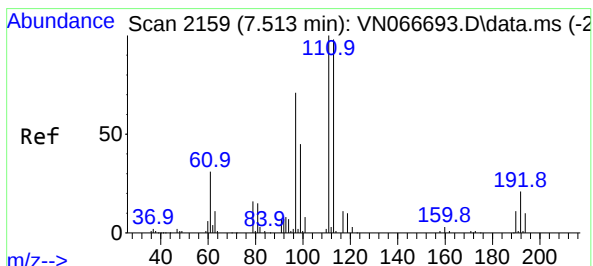
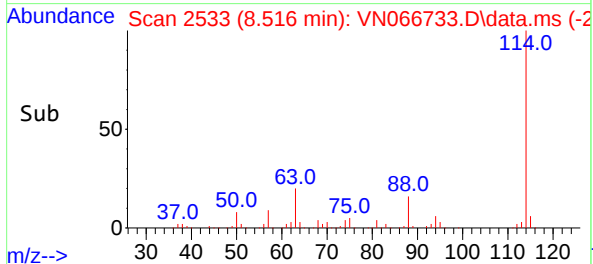
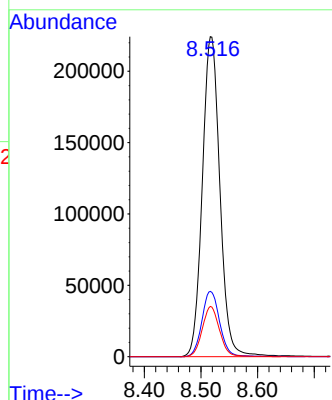
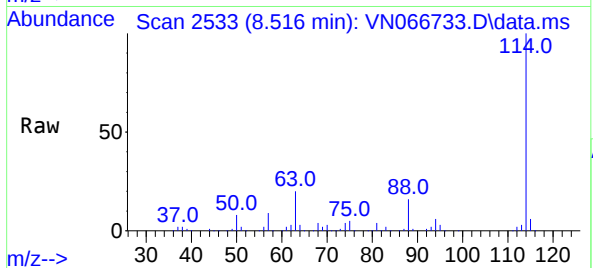




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.516 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

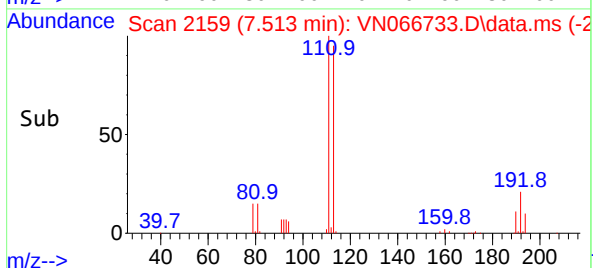
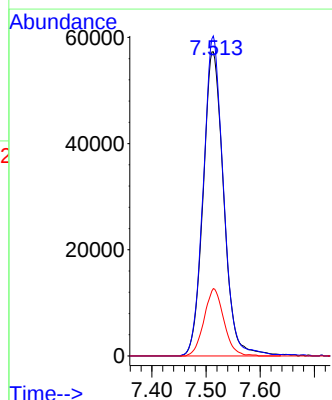
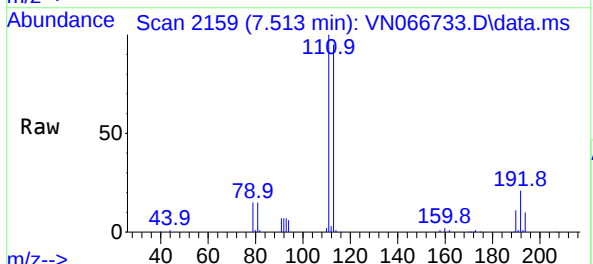
Instrument :
MSVOA_N
ClientSampleId :

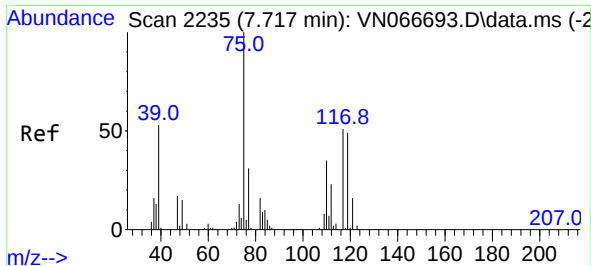
Tgt Ion:114 Resp: 483119
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.86 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

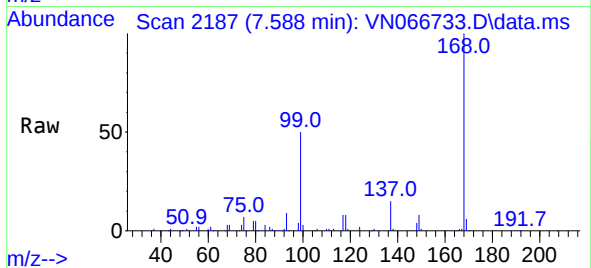
Tgt Ion:113 Resp: 150843
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 21.3 15.4 23.0



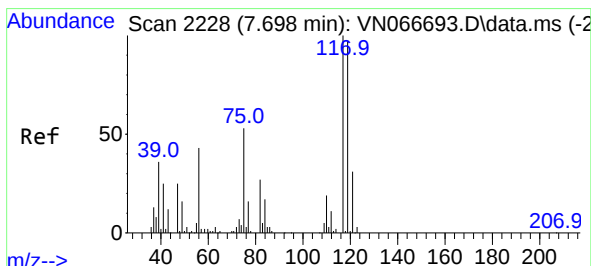
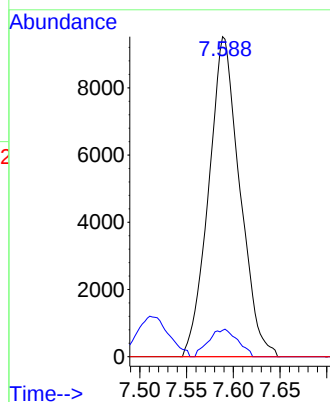
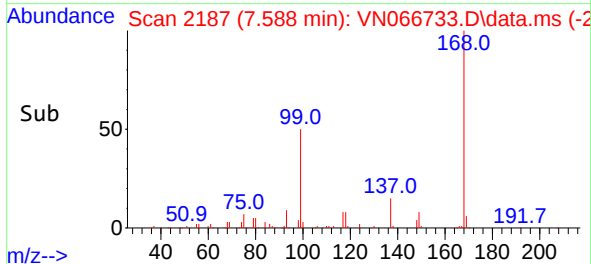


#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

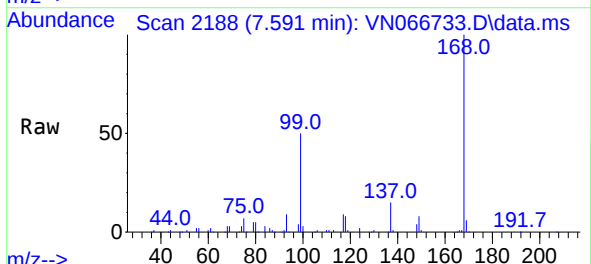
Instrument :
MSVOA_N
ClientSampled :



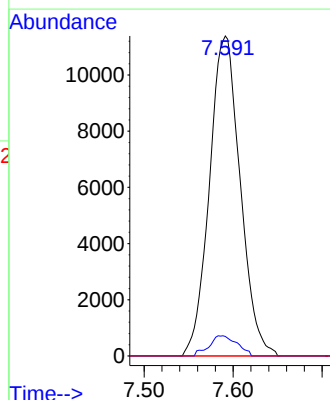
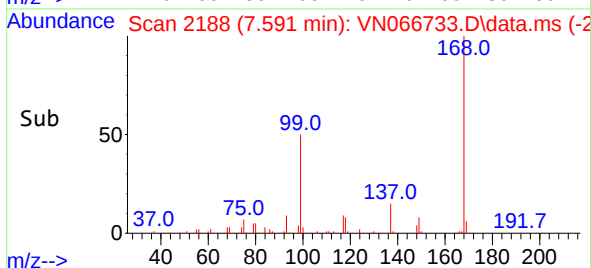
Tgt Ion: 75 Resp: 22002
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#

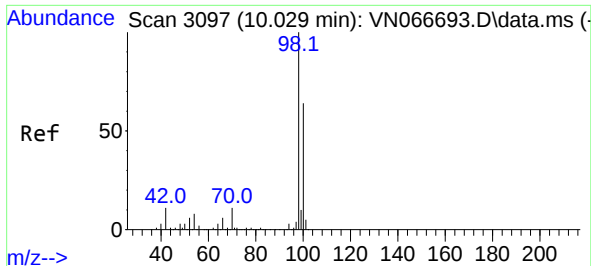


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20



Tgt Ion: 117 Resp: 27381
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.5 36.7#

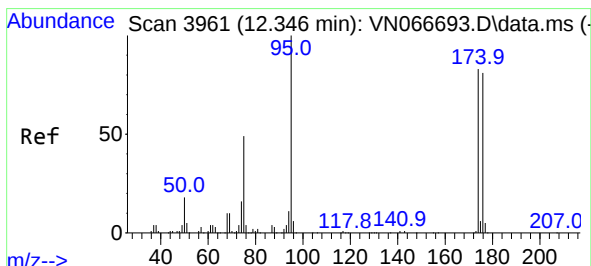
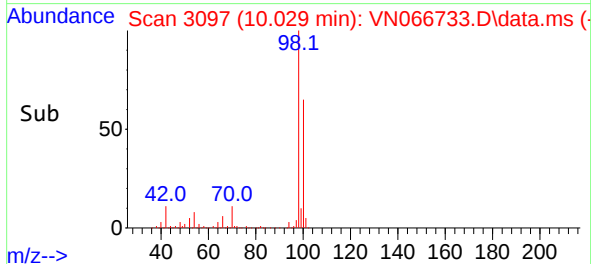
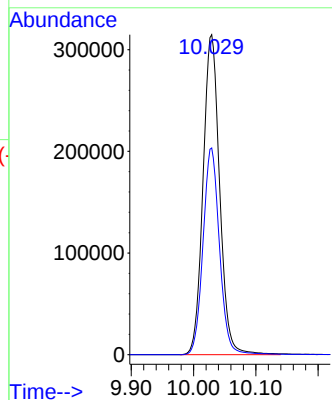
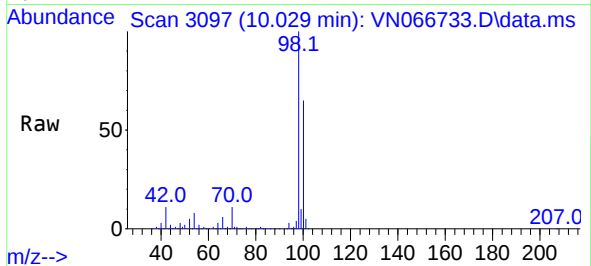




#50
Toluene-d8
Concen: 49.42 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

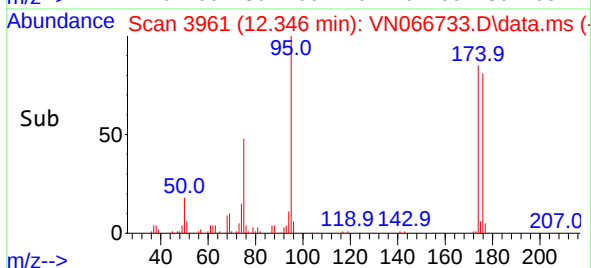
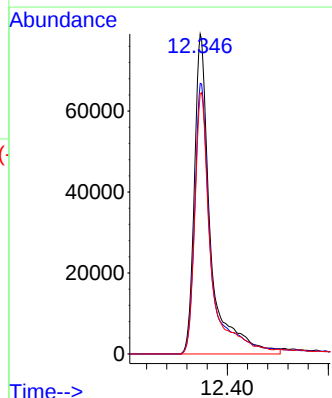
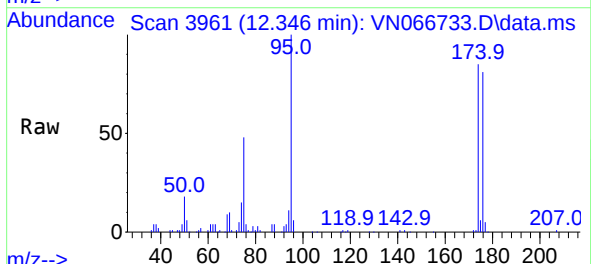
Instrument :
MSVOA_N
ClientSampled :

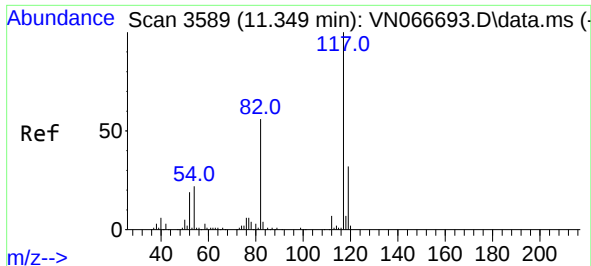
Tgt Ion: 98 Resp: 583121
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.36 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

Tgt Ion: 95 Resp: 175207
Ion Ratio Lower Upper
95 100
174 85.2 0.0 169.0
176 80.1 0.0 162.4

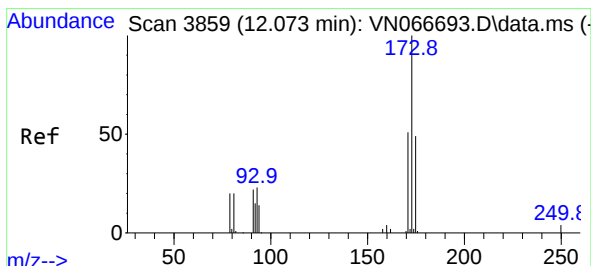
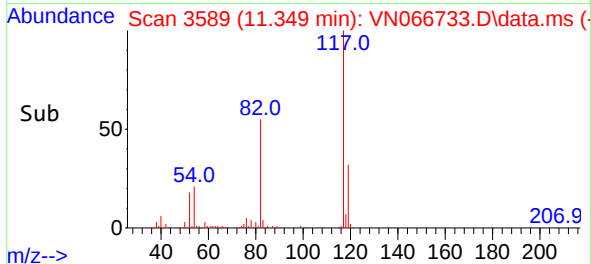
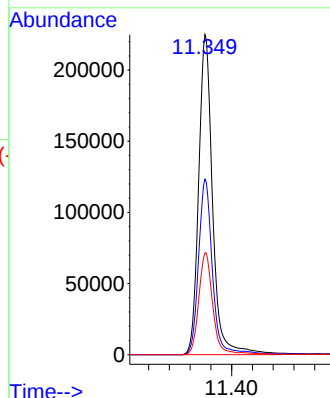
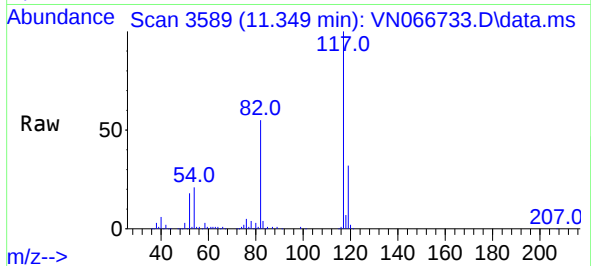




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

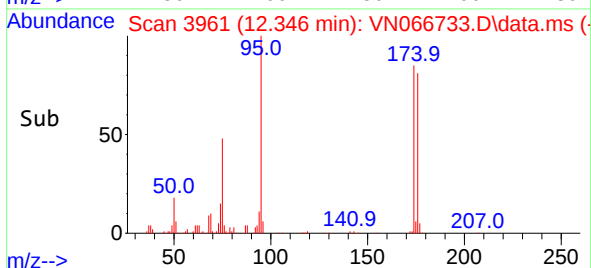
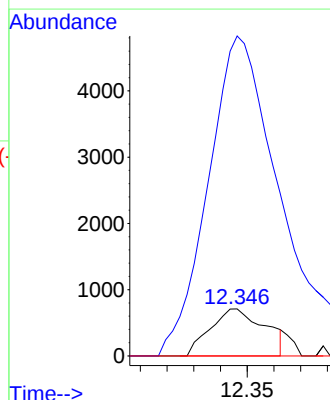
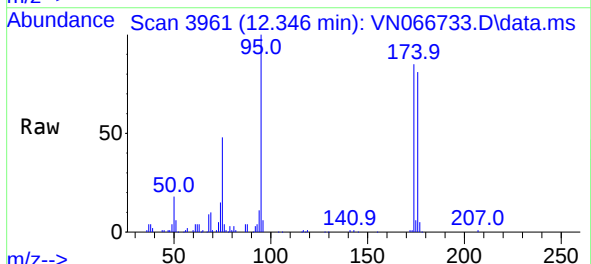
Instrument :
MSVOA_N
ClientSampled :

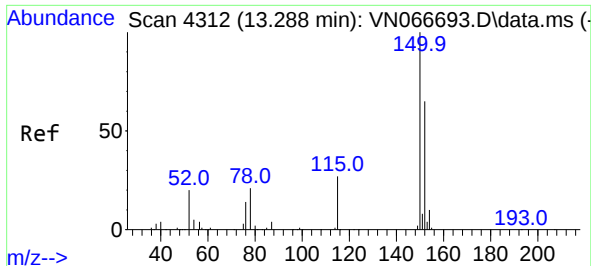
Tgt Ion:117 Resp: 420404
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 31.8 26.1 39.1



#71
Bromoform
Concen: 0.43 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

Tgt Ion:173 Resp: 1011
Ion Ratio Lower Upper
173 100
175 740.5 23.8 71.2#
254 0.0 0.0 0.0

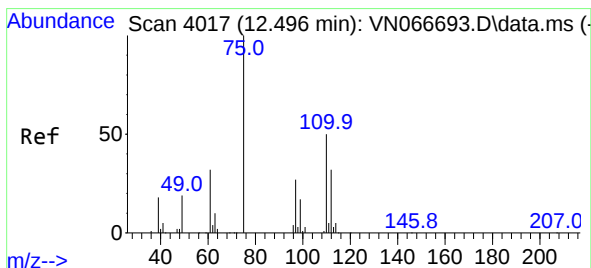
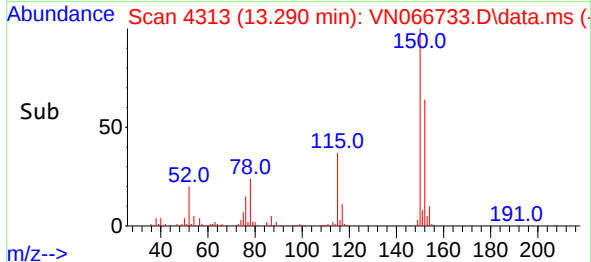
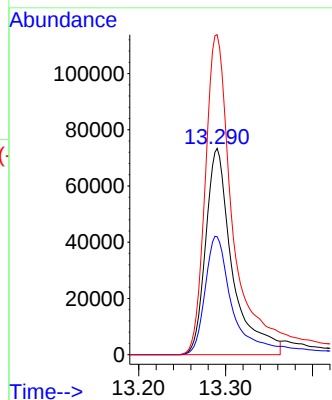
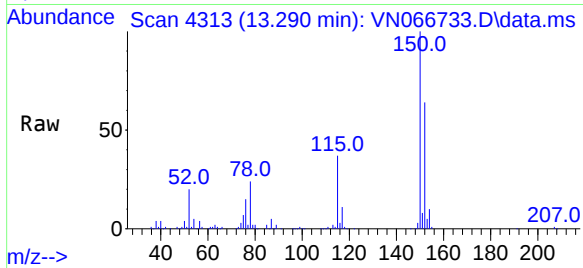




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

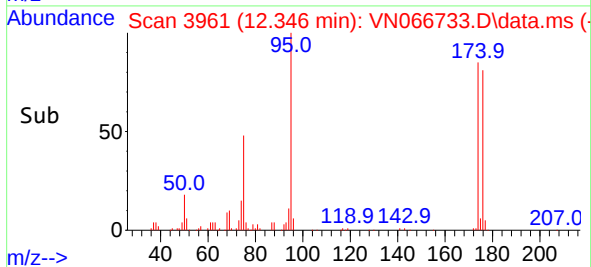
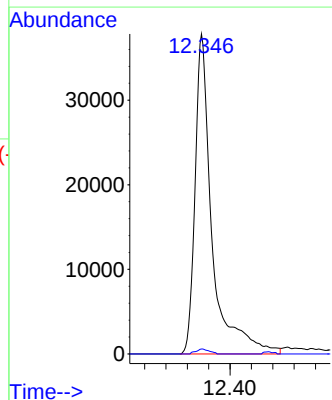
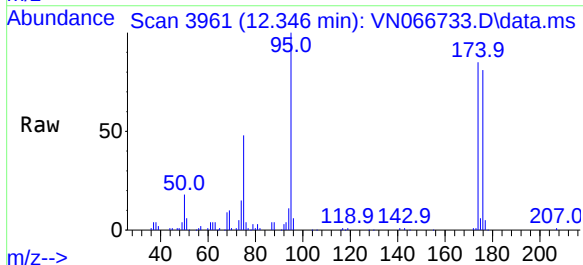
Instrument :
MSVOA_N
ClientSampled :

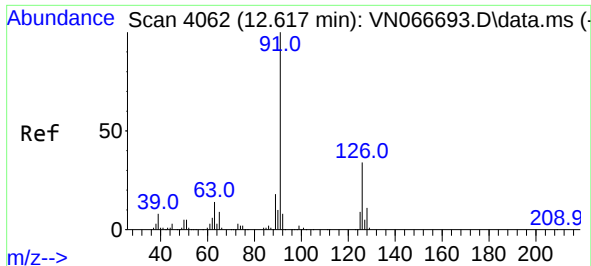
Tgt Ion:152 Resp: 156923
Ion Ratio Lower Upper
152 100
115 63.5 28.5 85.6
150 175.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.91 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

Tgt Ion: 75 Resp: 83633
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

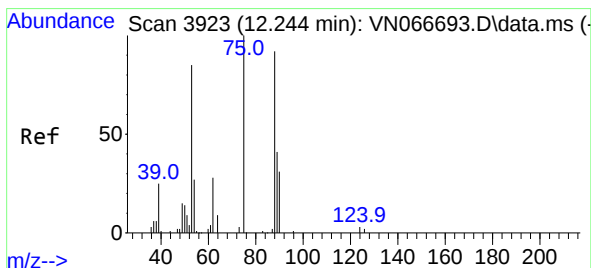
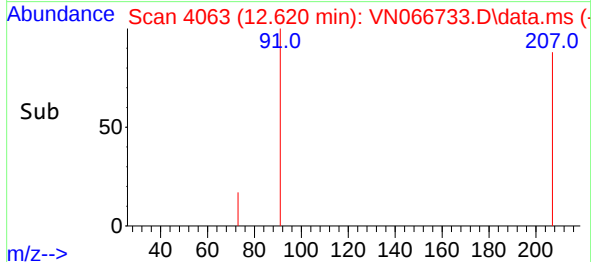
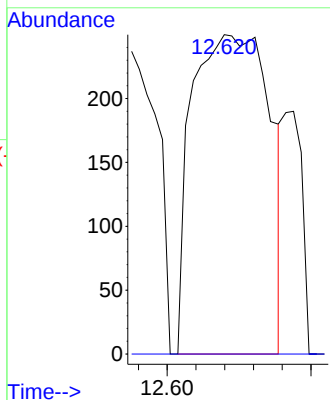
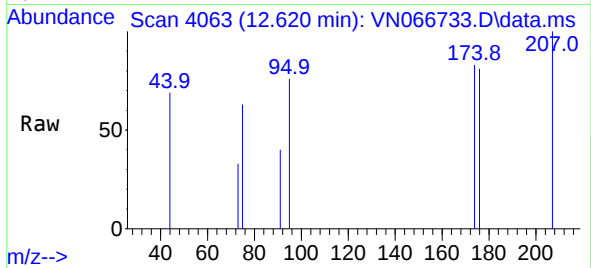




#79
2-Chlorotoluene
Concen: 0.99 ug/l
RT: 12.620 min Scan# 4063
Delta R.T. 0.003 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

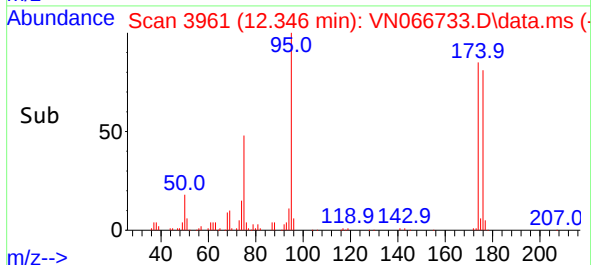
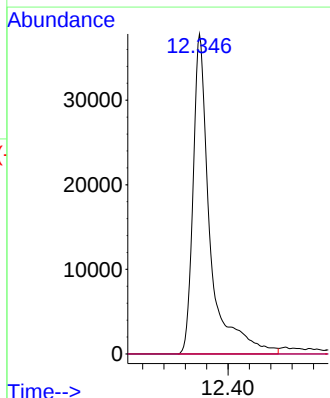
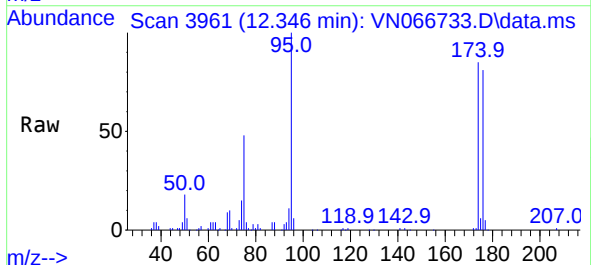
Instrument :
MSVOA_N
ClientSampled :

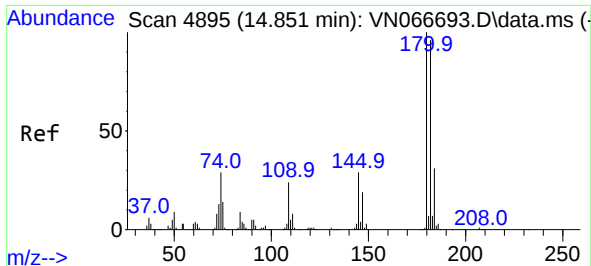
Tgt Ion: 91 Resp: 467
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.38 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

Tgt Ion: 75 Resp: 83633
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

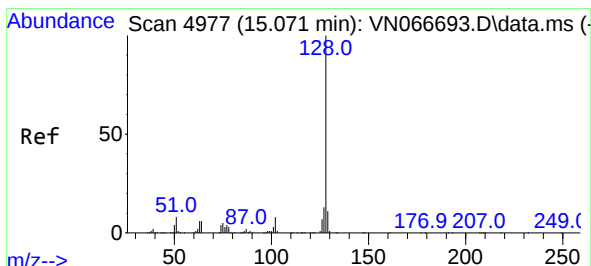
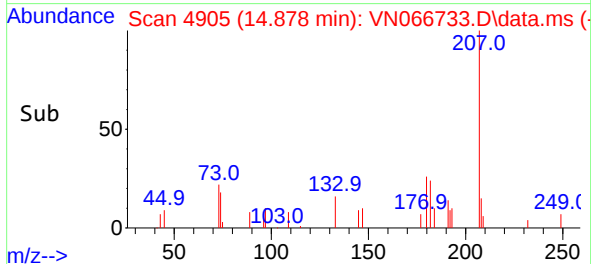
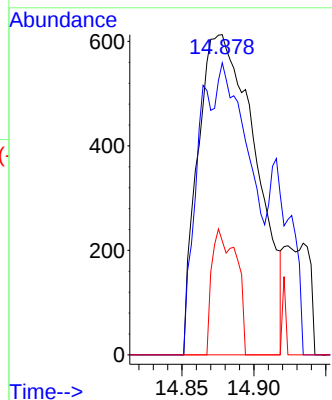
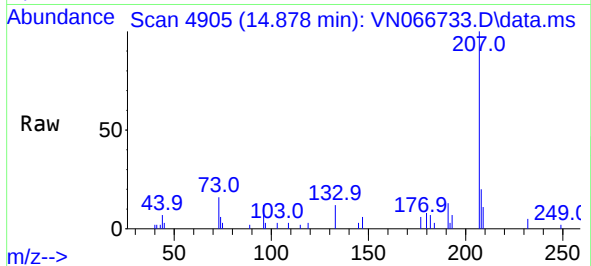




#93
1,2,4-Trichlorobenzene
Concen: 2.56 ug/l
RT: 14.878 min Scan# 4905
Delta R.T. 0.027 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

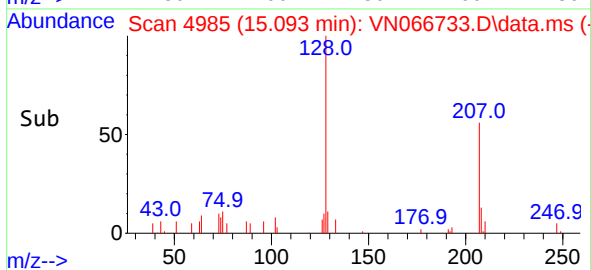
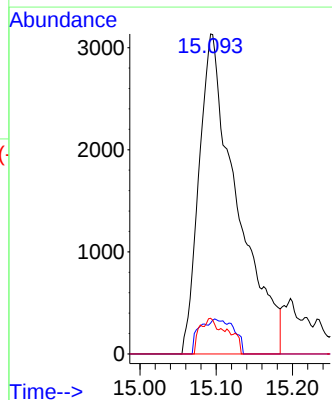
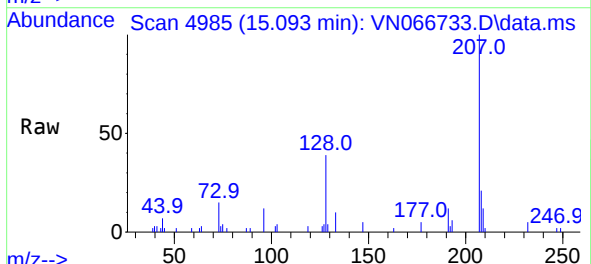
Instrument :
MSVOA_N
ClientSampled :

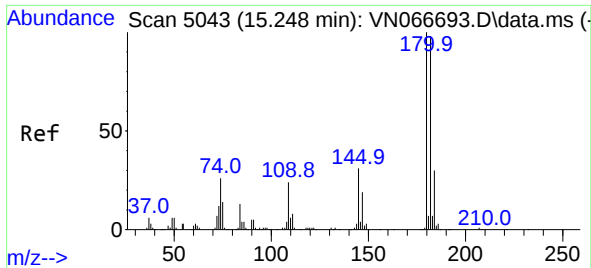
Tgt Ion:180 Resp: 1716
Ion Ratio Lower Upper
180 100
182 24.4 47.3 142.0#
145 16.6 15.6 46.8



#95
Naphthalene
Concen: 3.28 ug/l
RT: 15.093 min Scan# 4985
Delta R.T. 0.022 min
Lab File: VN066733.D
Acq: 23 Apr 2021 13:20

Tgt Ion:128 Resp: 10767
Ion Ratio Lower Upper
128 100
127 3.1 10.2 15.2#
129 8.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.27 ug/l
 RT: 15.264 min Scan# 5049
 Delta R.T. 0.016 min
 Lab File: VN066733.D
 Acq: 23 Apr 2021 13:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:	180	Resp:	2615
Ion	Ratio	Lower	Upper
180	100		
182	42.1	47.4	142.3#
145	20.7	16.5	49.5

