

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066715.D
 Acq On : 22 Apr 2021 15:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 06:34:02 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)

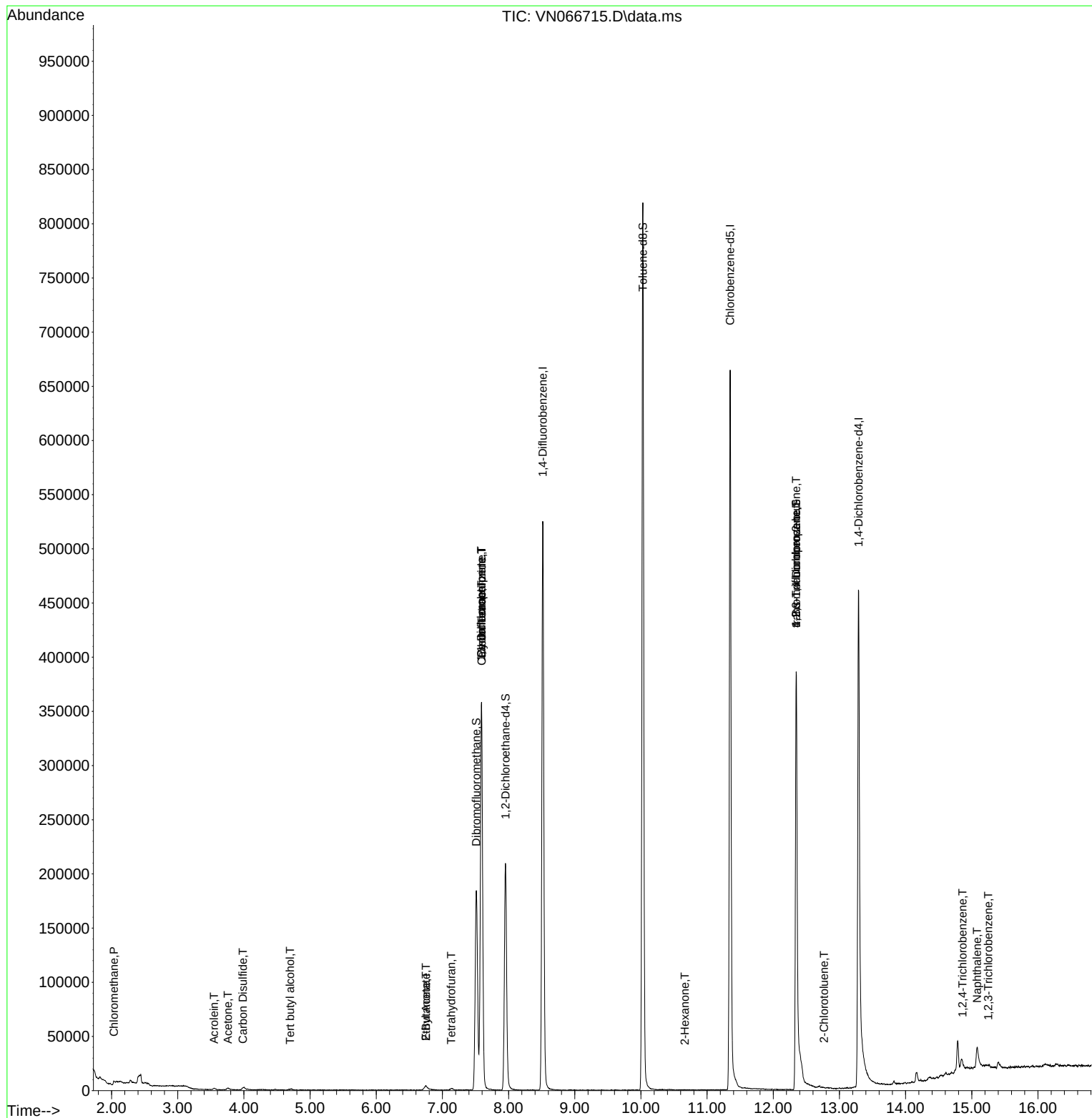
Internal Standards						
1) Pentafluorobenzene	7.591	168	315936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	482861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	420405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	179258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	180948	46.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.76%		
35) Dibromofluoromethane	7.513	113	148911	49.25	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.50%		
50) Toluene-d8	10.029	98	586178	49.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.42%		
62) 4-Bromofluorobenzene	12.346	95	179499	44.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.90%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.037	50	1449	0.28	ug/l	94
11) Tert butyl alcohol	4.700	59	1405	2.87	ug/l #	73
13) Acrolein	3.549	56	1553	2.87	ug/l	92
16) Acetone	3.759	43	3367	2.33	ug/l	91
17) Carbon Disulfide	3.984	76	3421	0.35	ug/l #	74
25) 2-Butanone	6.752	43	1261	0.61	ug/l #	84
29) Tetrahydrofuran	7.132	42	512	0.36	ug/l #	54
31) Cyclohexane	7.591	56	5539	0.88	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	22547	5.02	ug/l #	47
37) Ethyl Acetate	6.752	43	1261	0.27	ug/l #	68
38) Carbon Tetrachloride	7.594	117	27225	6.37	ug/l #	17
59) 2-Hexanone	10.665	43	215	16.70	ug/l #	23
76) 1,2,3-Trichloropropane	12.346	75	85891	22.39	ug/l #	100
79) 2-Chlorotoluene	12.765	91	84	0.94	ug/l #	40
81) trans-1,4-Dichloro-2-b...	12.346	75	85891	66.52	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.862	180	224	2.06	ug/l #	61
95) Naphthalene	15.082	128	28315	5.15	ug/l	97
96) 1,2,3-Trichlorobenzene	15.248	180	195	1.42	ug/l #	1

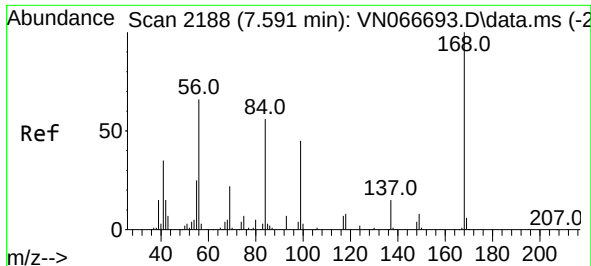
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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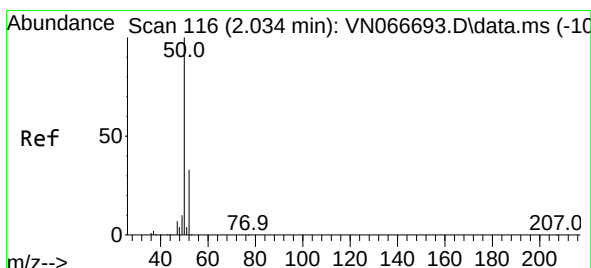
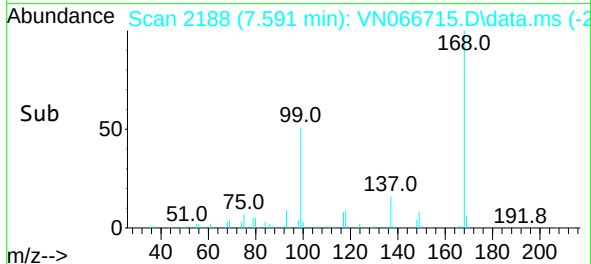
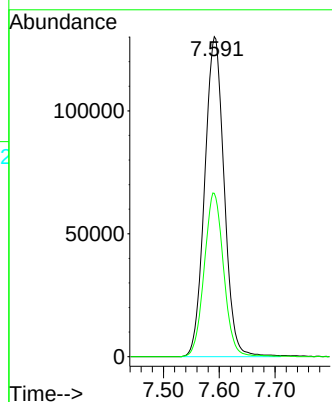
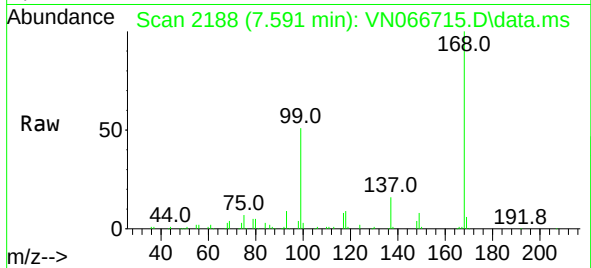




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

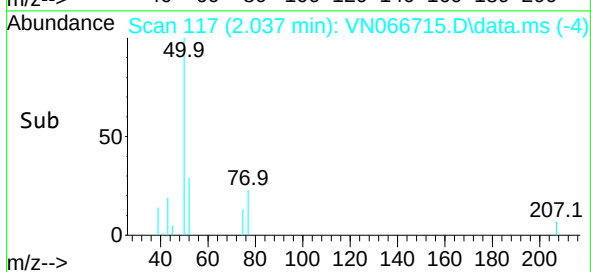
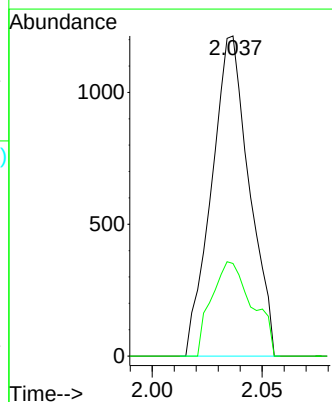
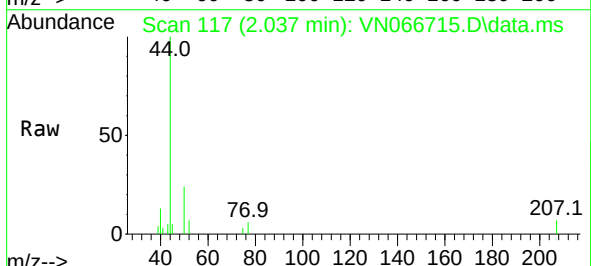
Instrument :
MSVOA_N
ClientSampled :

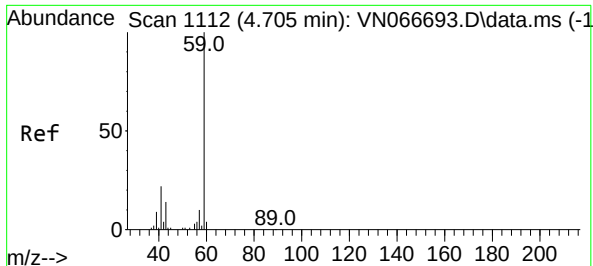
Tgt Ion:168 Resp: 315936
Ion Ratio Lower Upper
168 100
99 51.0 42.6 63.8



#3
Chloromethane
Concen: 0.28 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 50 Resp: 1449
Ion Ratio Lower Upper
50 100
52 28.9 25.8 38.8



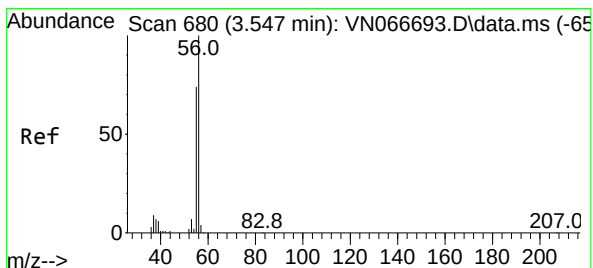
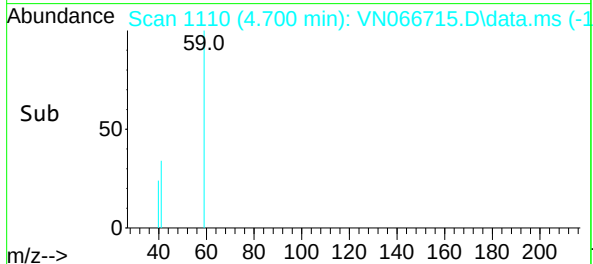
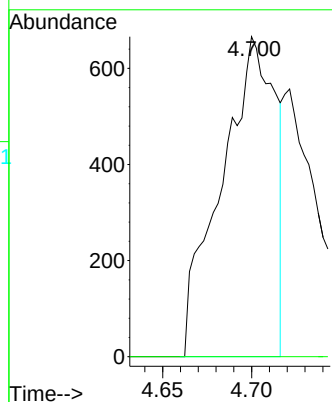
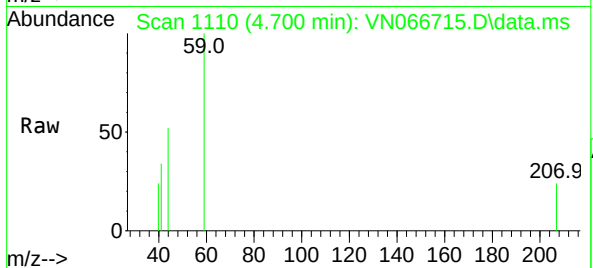


#11

Tert butyl alcohol
Concen: 2.87 ug/l
RT: 4.700 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Instrument :
MSVOA_N
ClientSampled :

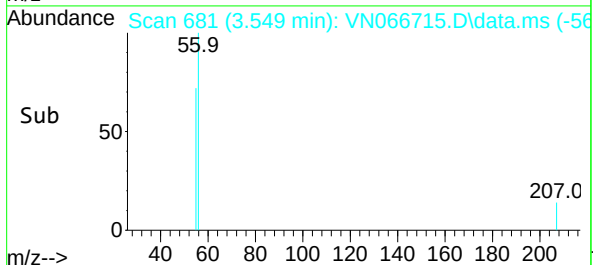
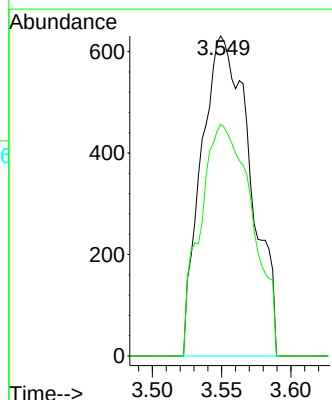
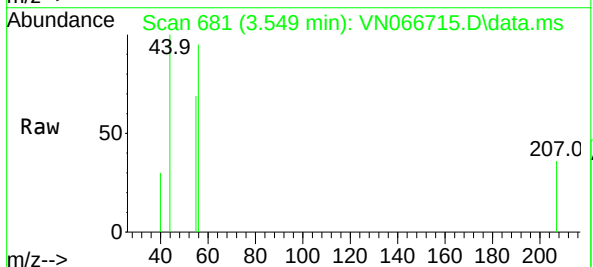
Tgt Ion: 59 Resp: 1405
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

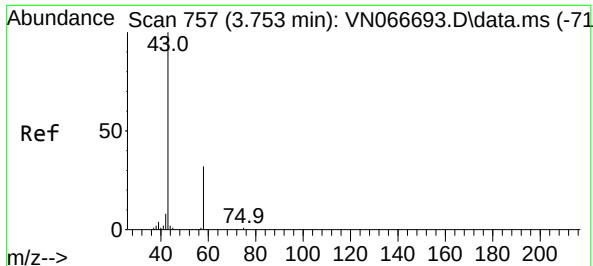


#13

Acrolein
Concen: 2.87 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 56 Resp: 1553
Ion Ratio Lower Upper
56 100
55 76.5 56.0 84.0

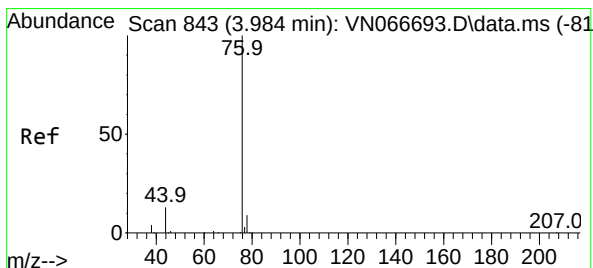
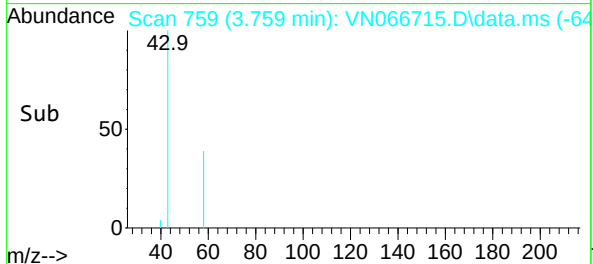
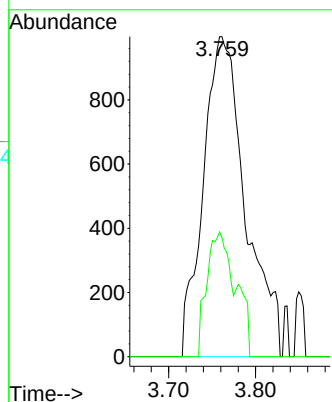
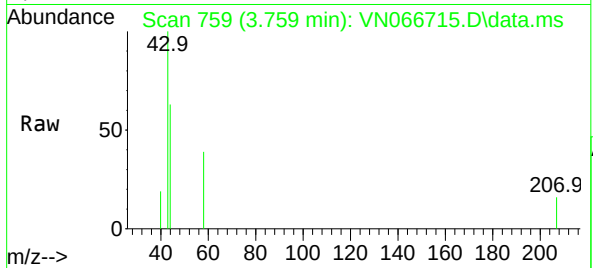




#16
Acetone
Concen: 2.33 ug/l
RT: 3.759 min Scan# 759
Delta R.T. 0.006 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

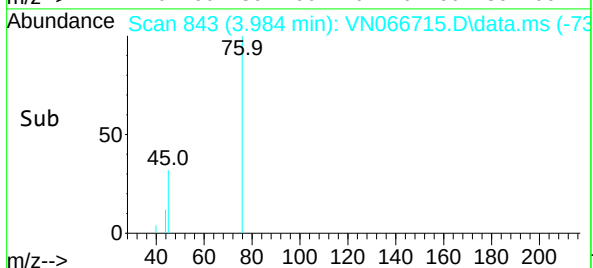
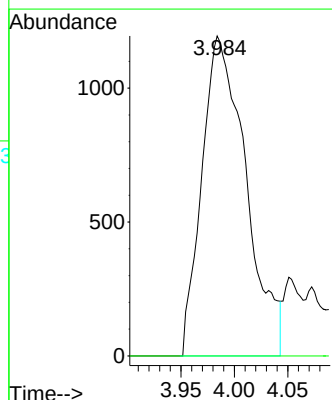
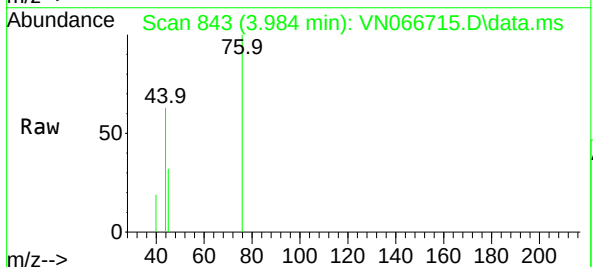
Instrument :
MSVOA_N
ClientSampleId :

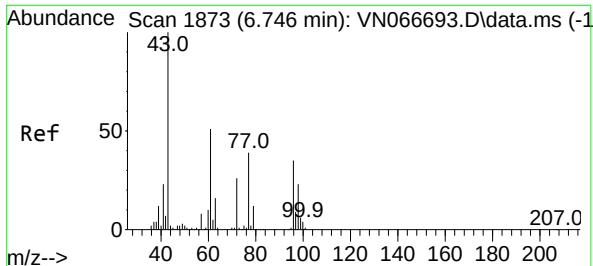
Tgt Ion: 43 Resp: 3367
Ion Ratio Lower Upper
43 100
58 39.0 27.0 40.6



#17
Carbon Disulfide
Concen: 0.35 ug/l
RT: 3.984 min Scan# 843
Delta R.T. -0.000 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 76 Resp: 3421
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

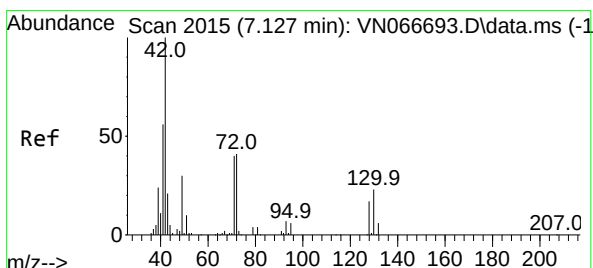
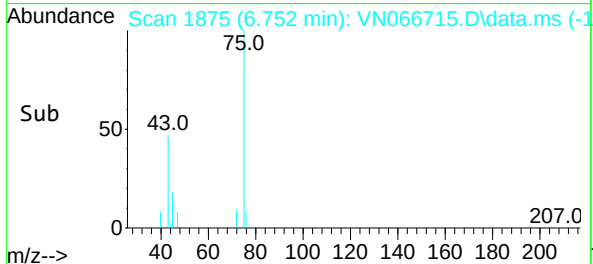
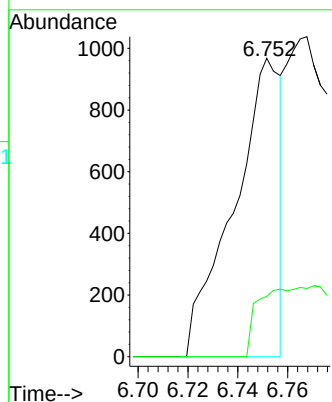
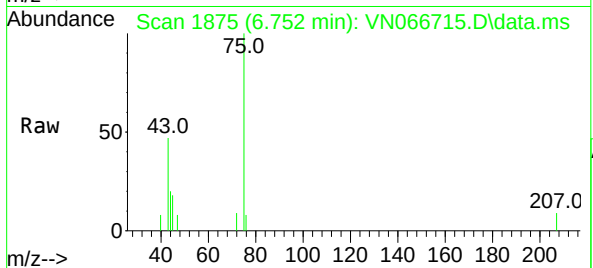




#25
2-Butanone
Concen: 0.61 ug/l
RT: 6.752 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

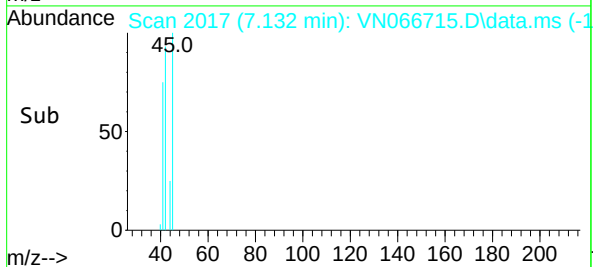
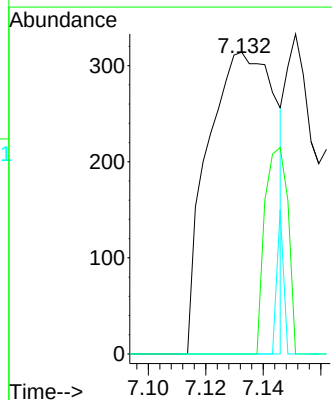
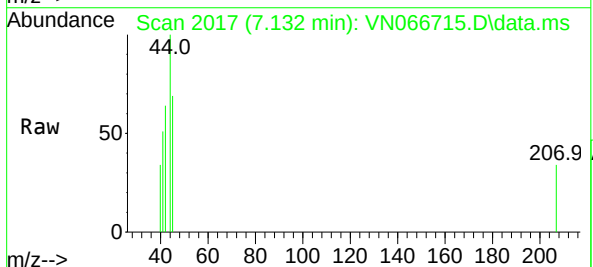
Instrument :
MSVOA_N
ClientSampled :

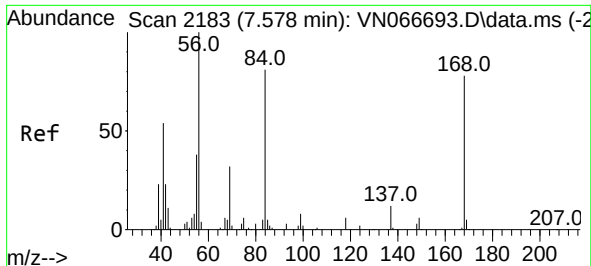
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
72 20.2 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 7.132 min Scan# 2017
Delta R.T. 0.005 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

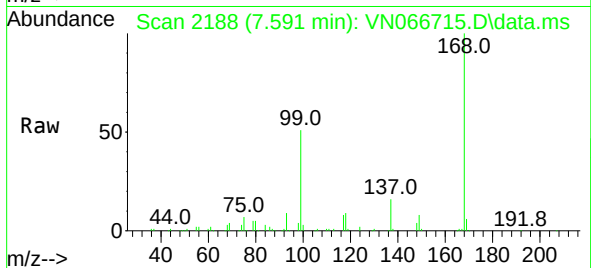
Tgt Ion: 42 Resp: 512
Ion Ratio Lower Upper
42 100
72 23.4 36.6 55.0#
71 4.7 34.3 51.5#



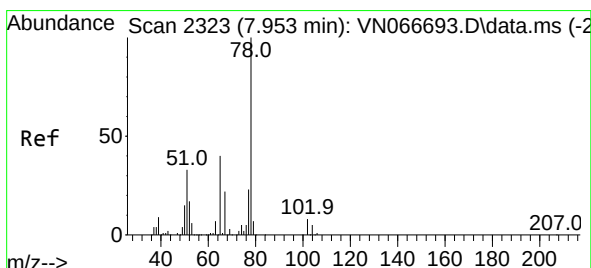
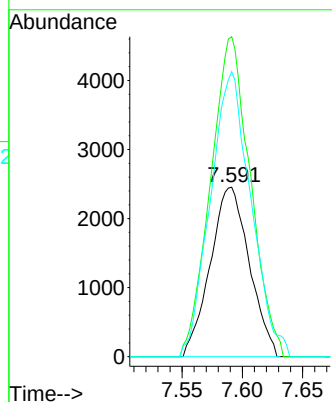
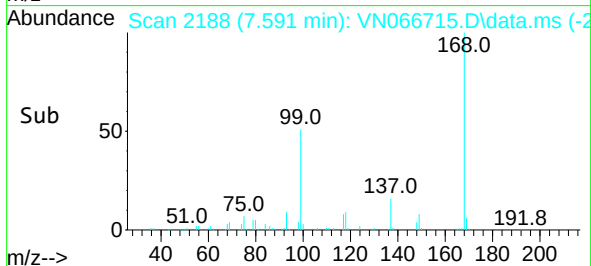


#31
Cyclohexane
Concen: 0.88 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

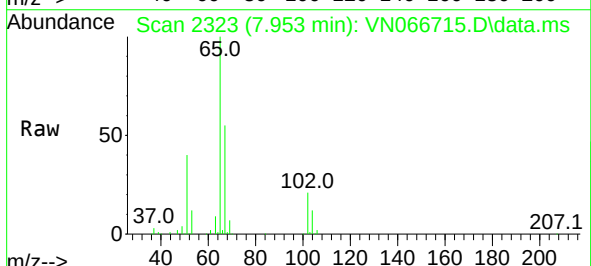
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MSVOA_N
ClientSampleId :



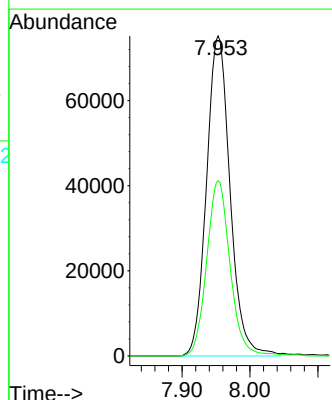
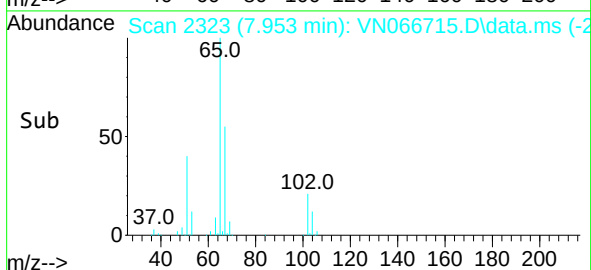
Tgt Ion: 56 Resp: 5539
Ion Ratio Lower Upper
56 100
69 188.9 26.6 39.8#
84 168.2 70.4 105.6#

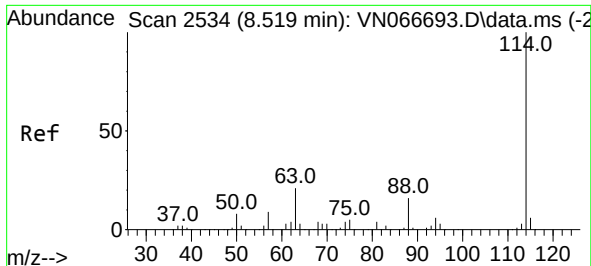


#33
1,2-Dichloroethane-d4
Concen: 46.88 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26



Tgt Ion: 65 Resp: 180948
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.2

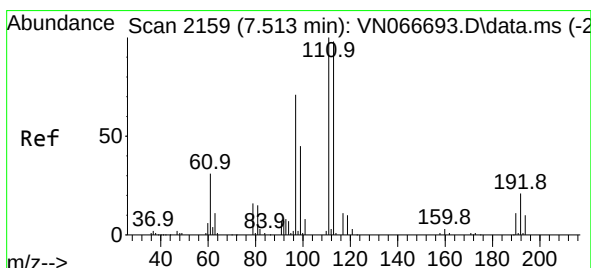
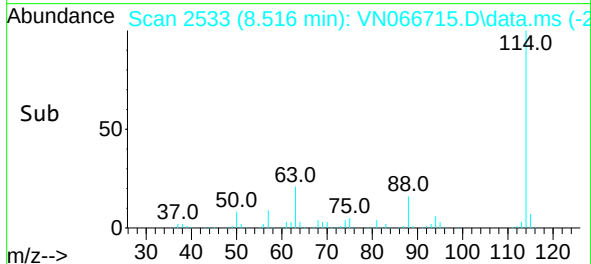
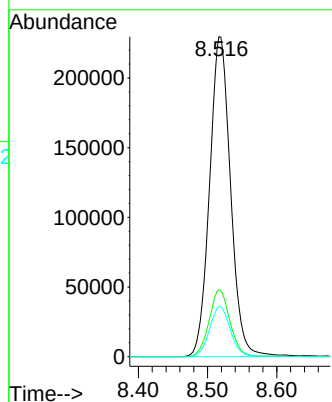
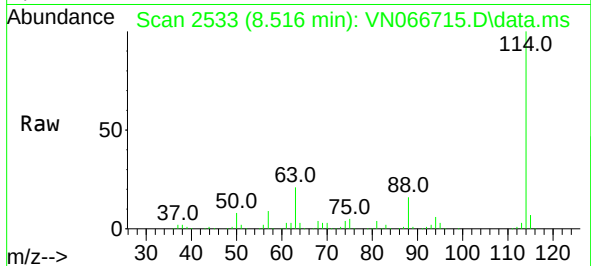




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.516 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

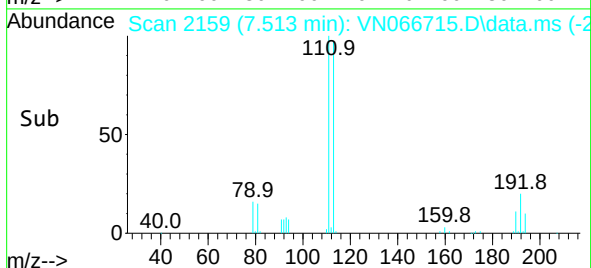
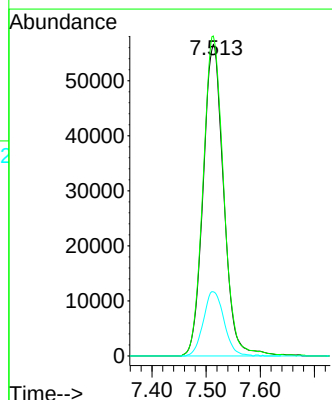
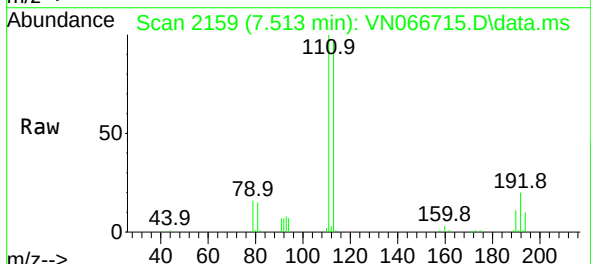
Instrument :
MSVOA_N
ClientSampleId :

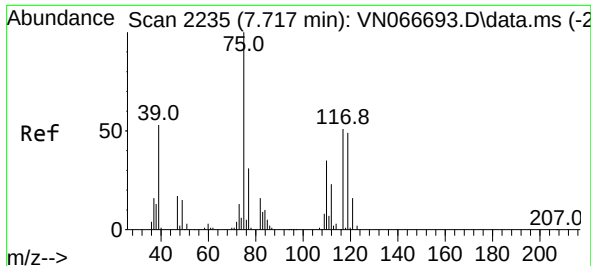
Tgt Ion:114 Resp: 482861
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.25 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

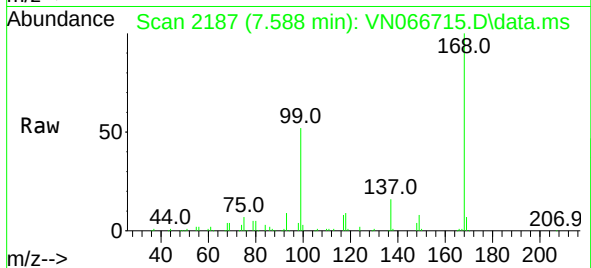
Tgt Ion:113 Resp: 148911
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.8 15.4 23.0



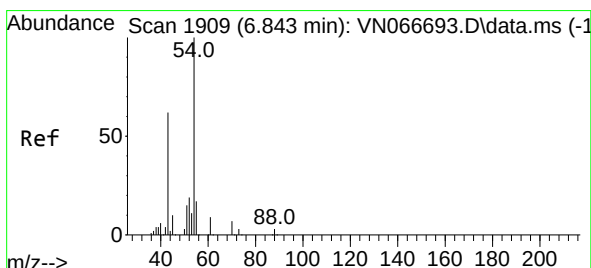
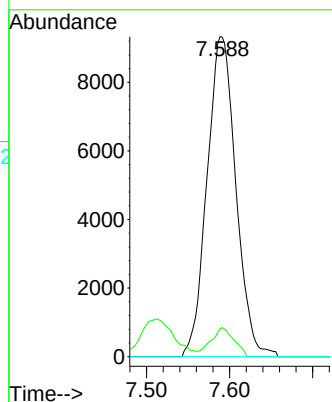
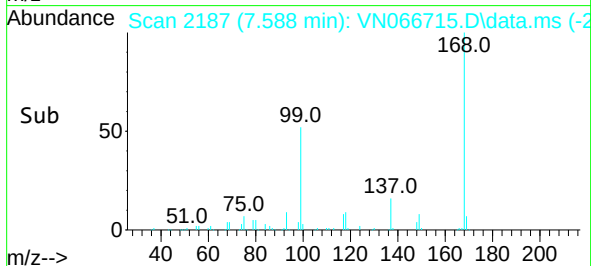


#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

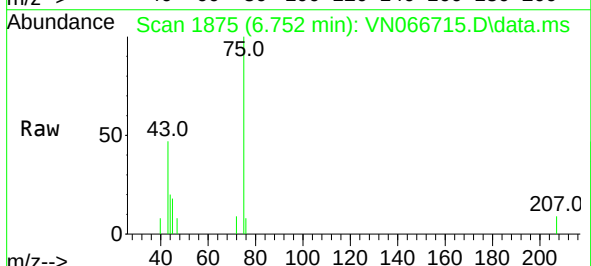
Instrument :
MSVOA_N
ClientSampleId :



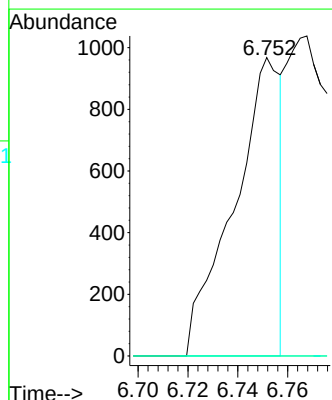
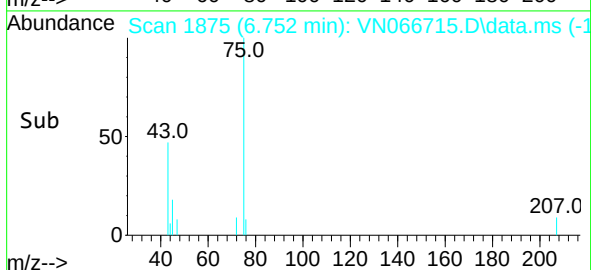
Tgt Ion: 75 Resp: 22547
Ion Ratio Lower Upper
75 100
110 7.3 18.2 54.6#
77 0.0 24.9 37.3#

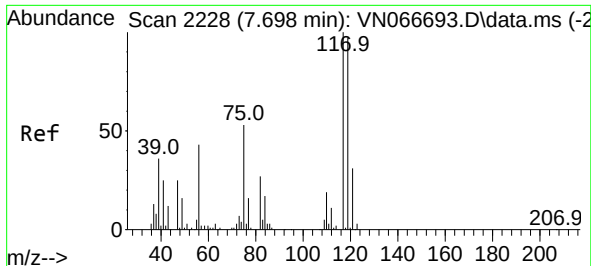


#37
Ethyl Acetate
Concen: 0.27 ug/l
RT: 6.752 min Scan# 1875
Delta R.T. -0.091 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26



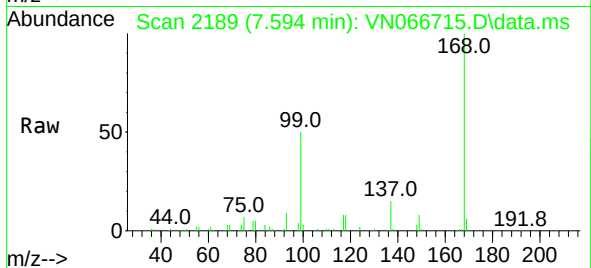
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



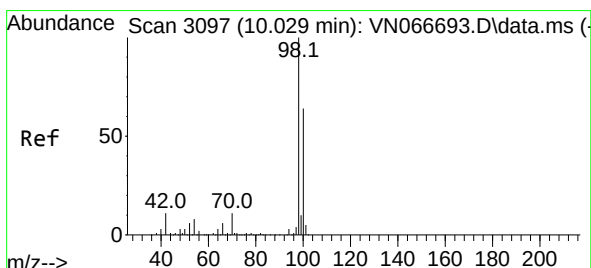
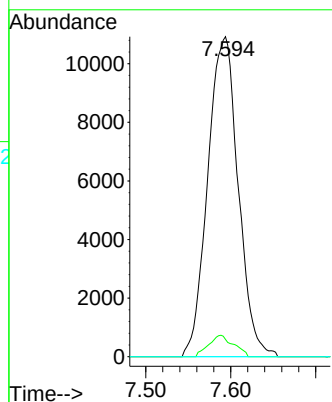
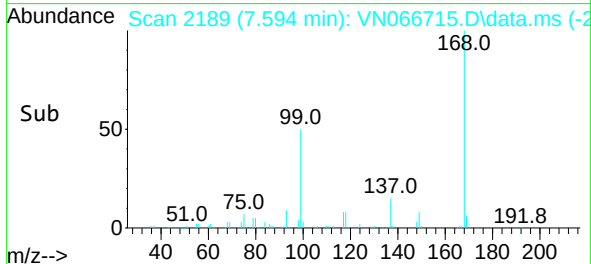


#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

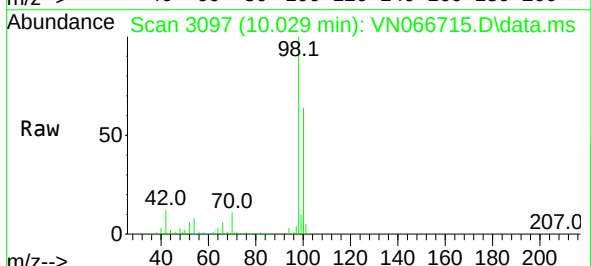
Instrument :
MSVOA_N
ClientSampled :



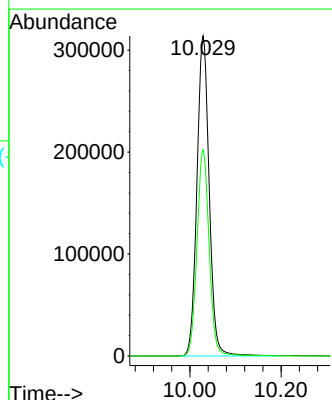
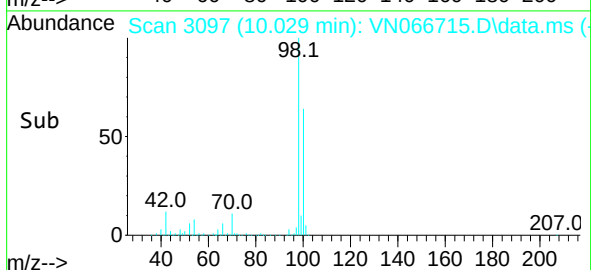
Tgt Ion: 117 Resp: 27225
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#

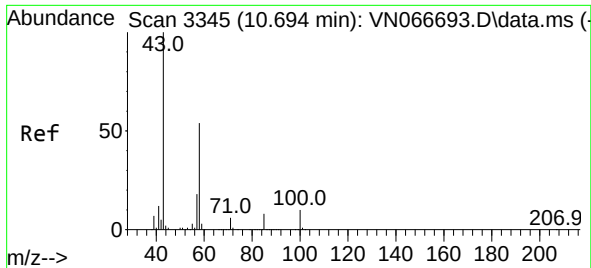


#50
Toluene-d8
Concen: 49.71 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26



Tgt Ion: 98 Resp: 586178
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

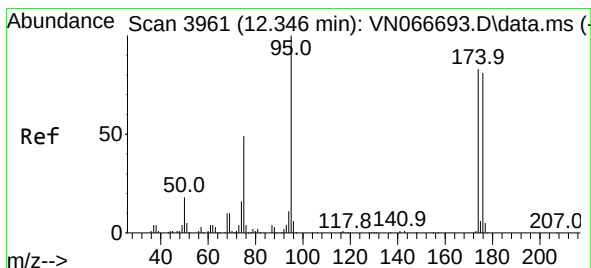
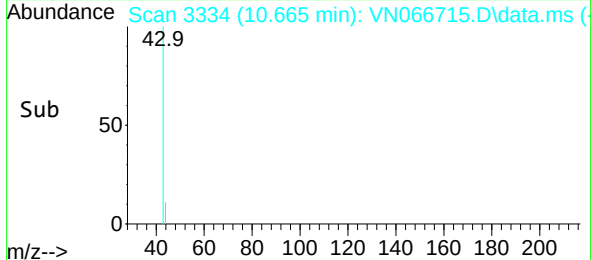
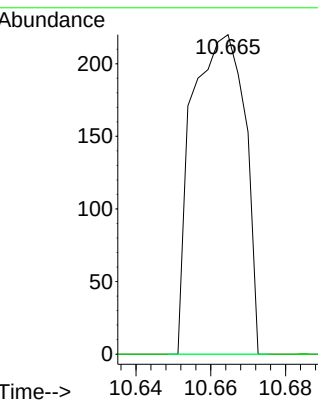
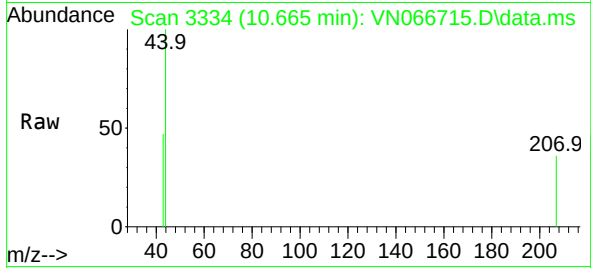




#59
2-Hexanone
Concen: 16.70 ug/l
RT: 10.665 min Scan# 3334
Delta R.T. -0.029 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

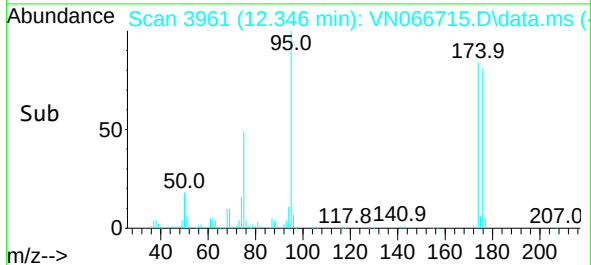
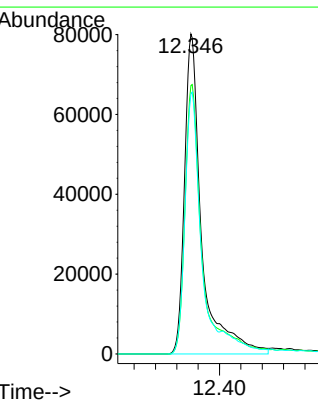
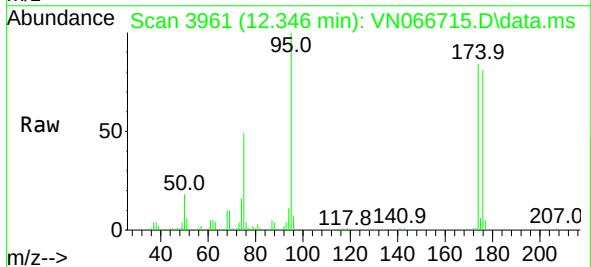
Instrument :
MSVOA_N
ClientSampleId :

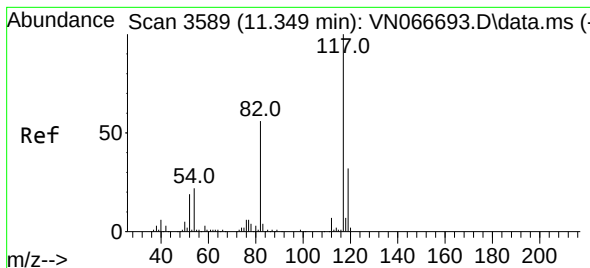
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 44.45 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 95 Resp: 179499
Ion Ratio Lower Upper
95 100
174 83.1 0.0 169.0
176 72.5 0.0 162.4

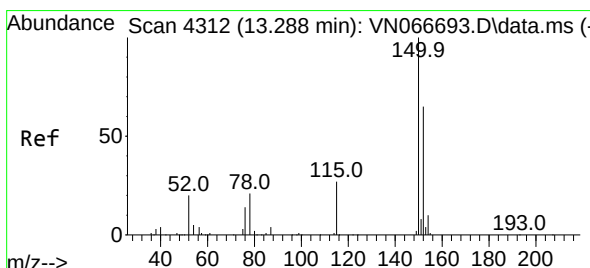
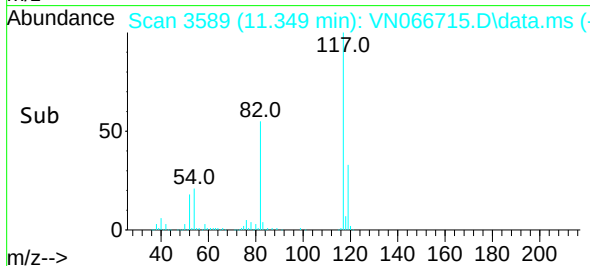
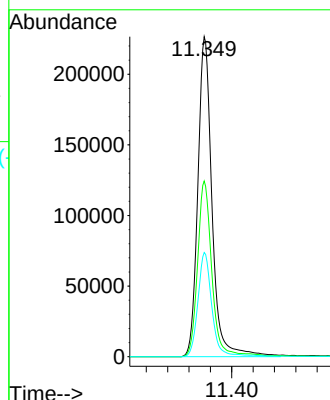
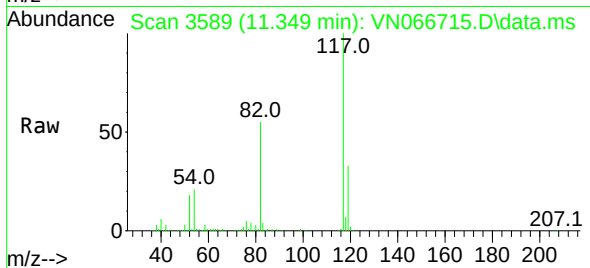




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

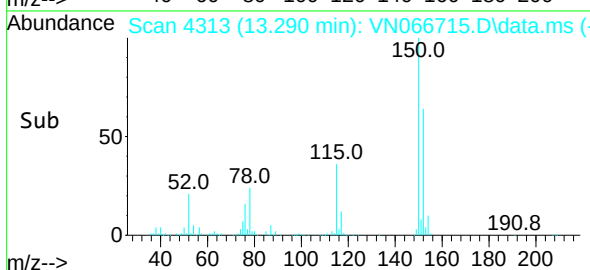
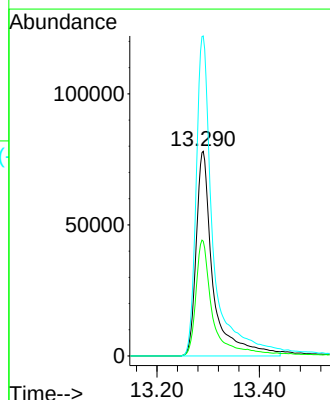
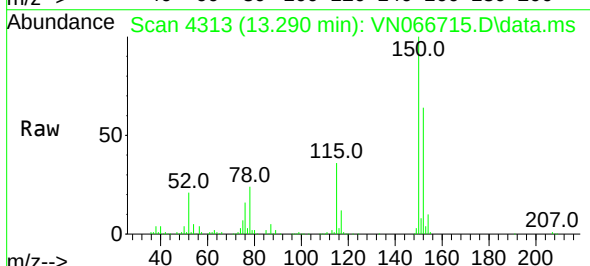
Instrument :
MSVOA_N
ClientSampleId :

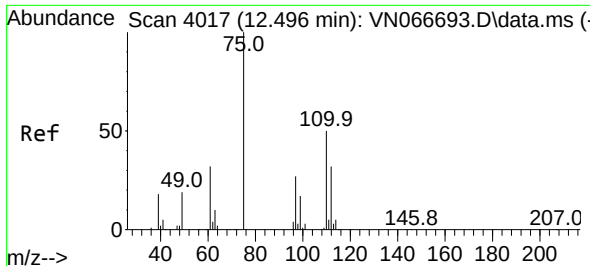
Tgt Ion:117 Resp: 420405
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Tgt Ion:152 Resp: 179258
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.6
150 157.3 0.0 347.6

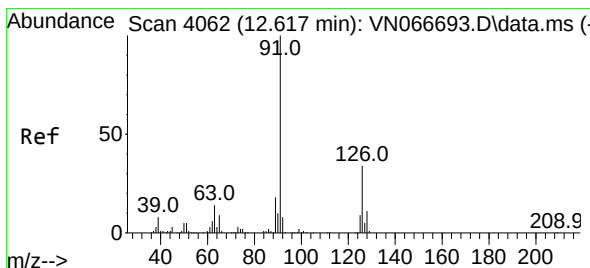
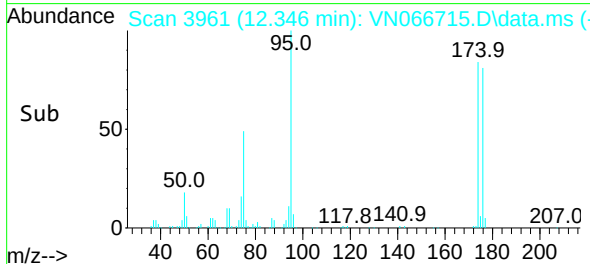
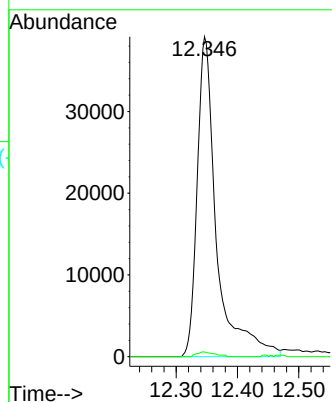
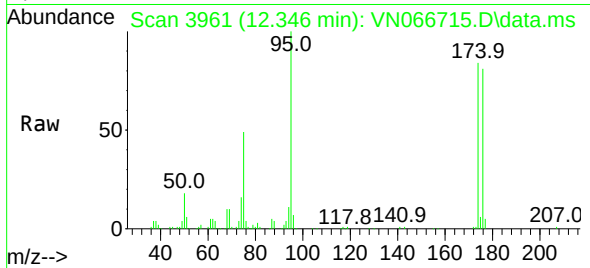




#76
1,2,3-Trichloropropane
Concen: 22.39 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

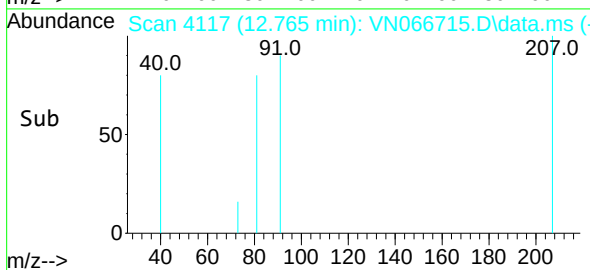
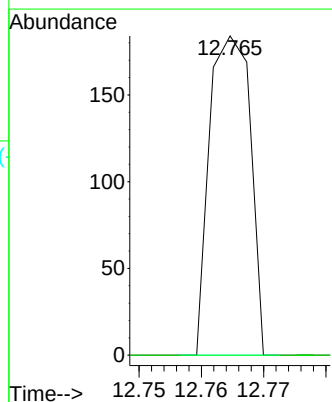
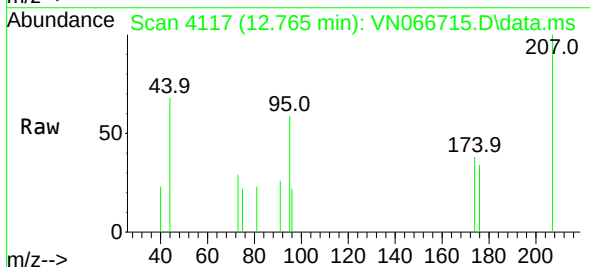
Instrument :
MSVOA_N
ClientSampleId :

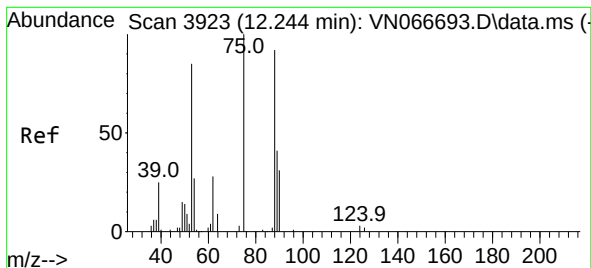
Tgt Ion: 75 Resp: 85891
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#79
2-Chlorotoluene
Concen: 0.94 ug/l
RT: 12.765 min Scan# 4117
Delta R.T. 0.148 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Tgt Ion: 91 Resp: 84
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#

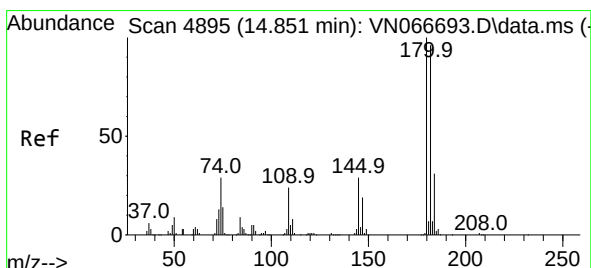
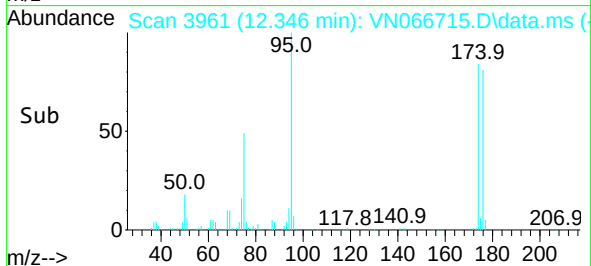
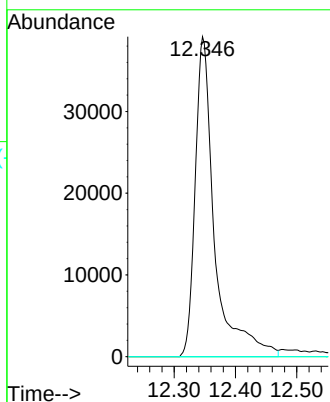
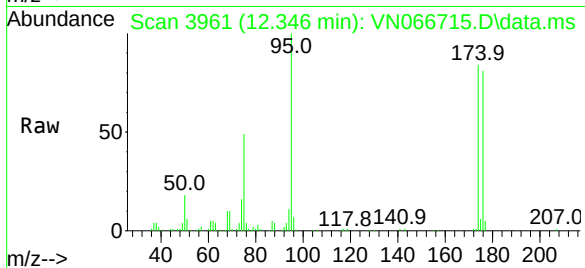




#81
trans-1,4-Dichloro-2-butene
Concen: 66.52 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

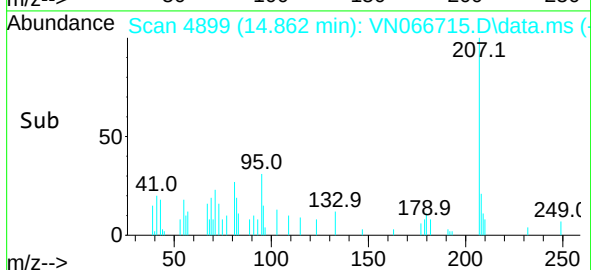
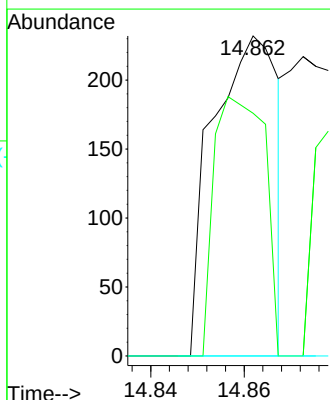
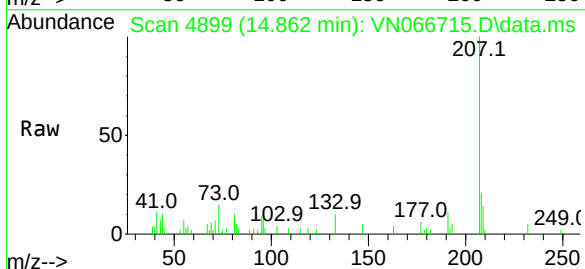
Instrument :
MSVOA_N
ClientSampleId :

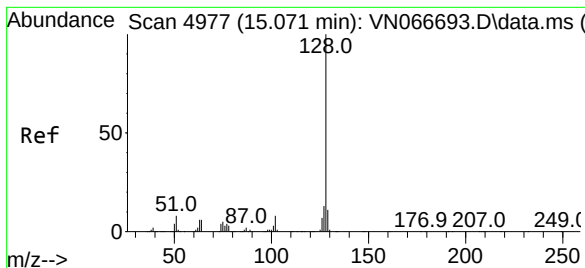
Tgt Ion: 75 Resp: 85891
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.06 ug/l
RT: 14.862 min Scan# 4899
Delta R.T. 0.011 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Tgt Ion:180 Resp: 224
Ion Ratio Lower Upper
180 100
182 62.9 47.3 142.0
145 0.0 15.6 46.8#

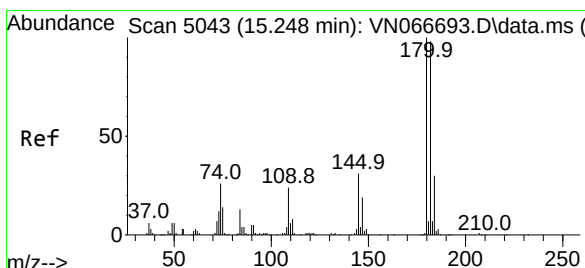
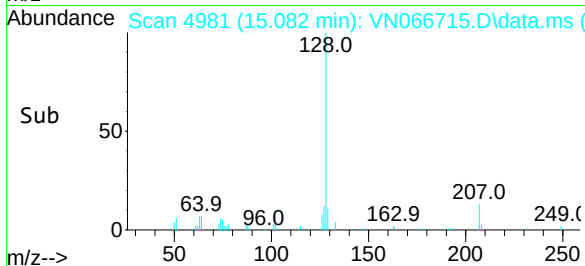
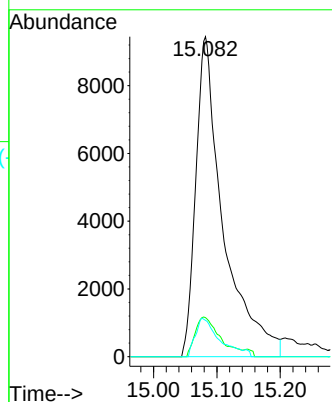
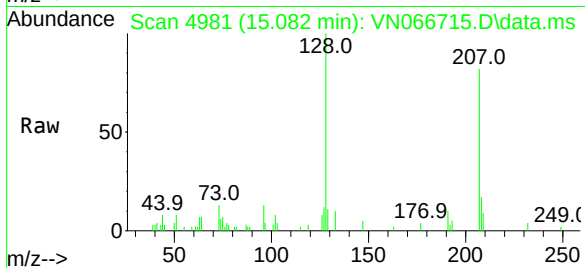




#95
Naphthalene
Concen: 5.15 ug/l
RT: 15.082 min Scan# 4981
Delta R.T. 0.011 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 28315
Ion Ratio Lower Upper
128 100
127 11.2 10.2 15.2
129 10.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.42 ug/l
RT: 15.248 min Scan# 5043
Delta R.T. 0.000 min
Lab File: VN066715.D
Acq: 22 Apr 2021 15:26

Tgt Ion:180 Resp: 195
Ion Ratio Lower Upper
180 100
182 263.6 47.4 142.3#
145 0.0 16.5 49.5#

