

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066834.D
 Acq On : 29 Apr 2021 00:53
 Operator : JC/MD
 Sample : M2137-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:34:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

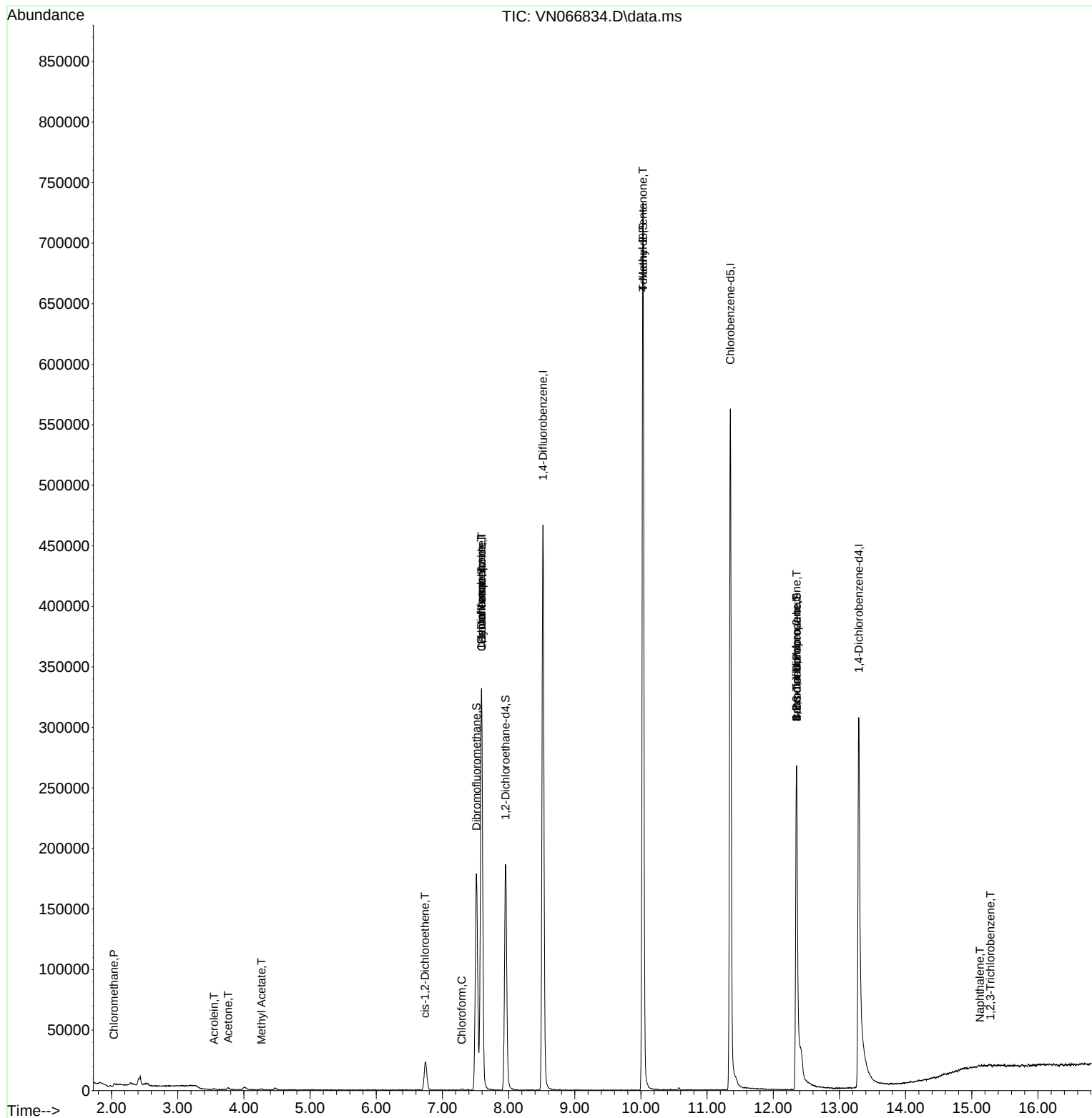
Internal Standards						
1) Pentafluorobenzene	7.591	168	299998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	445440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	380226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	146375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	161955	42.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.04%		
35) Dibromofluoromethane	7.516	113	143649	52.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.48%		
50) Toluene-d8	10.032	98	536112	49.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.34%		
62) 4-Bromofluorobenzene	12.351	95	123646	33.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	67.72%		
Target Compounds					Qvalue	
3) Chloromethane	2.037	50	993	0.23	ug/l #	87
13) Acrolein	3.549	56	496	1.00	ug/l	98
16) Acetone	3.761	43	2954	2.03	ug/l #	82
18) Methyl Acetate	4.265	43	1986	1.61	ug/l #	51
27) cis-1,2-Dichloroethene	6.738	96	17139	4.59	ug/l	90
30) Chloroform	7.293	83	1310	0.22	ug/l #	78
31) Cyclohexane	7.591	56	5127	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19395	4.69	ug/l #	48
38) Carbon Tetrachloride	7.594	117	25124	6.33	ug/l #	18
51) 4-Methyl-2-Pentanone	10.029	43	2006	0.53	ug/l #	1
71) Bromoform	12.351	173	653	0.32	ug/l #	1
76) 1,2,3-Trichloropropane	12.351	75	58042	18.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.351	75	58042	52.21	ug/l #	12
95) Naphthalene	15.122	128	1928	0.30	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.280	180	821	0.34	ug/l #	74

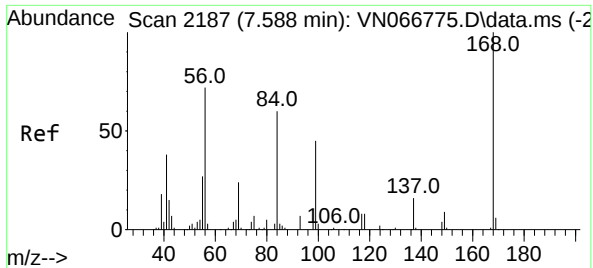
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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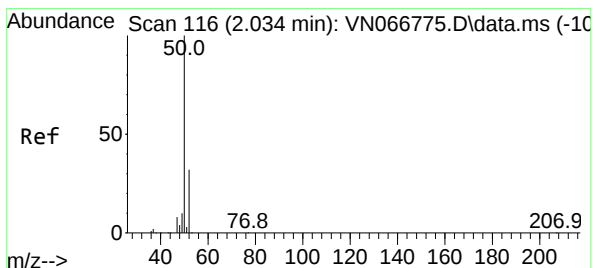
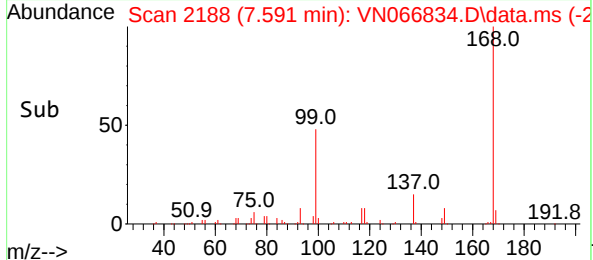
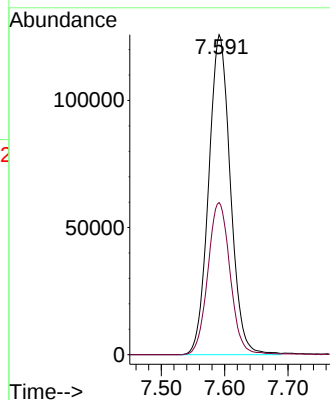
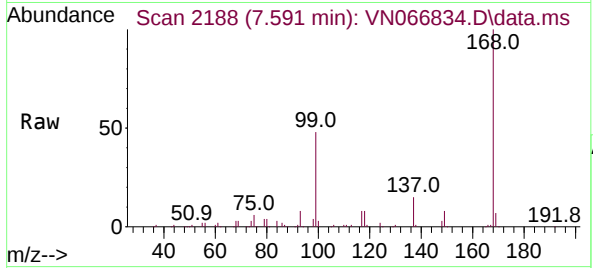




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

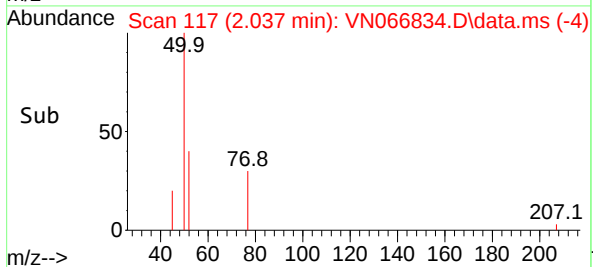
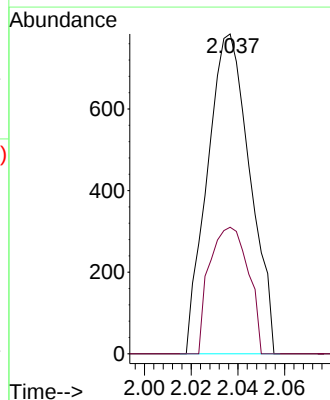
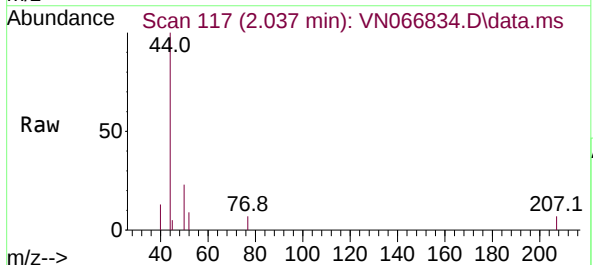
Instrument :
MSVOA_N
ClientSampled :

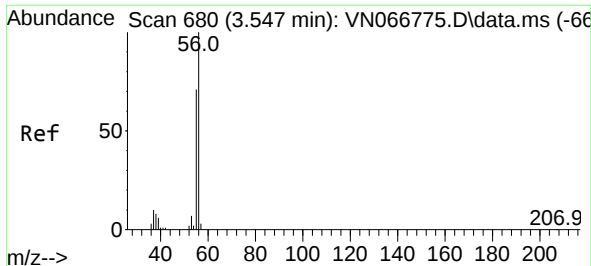
Tgt Ion:168 Resp: 299998
Ion Ratio Lower Upper
168 100
99 47.6 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

Tgt Ion: 50 Resp: 993
Ion Ratio Lower Upper
50 100
52 39.5 25.8 38.8#

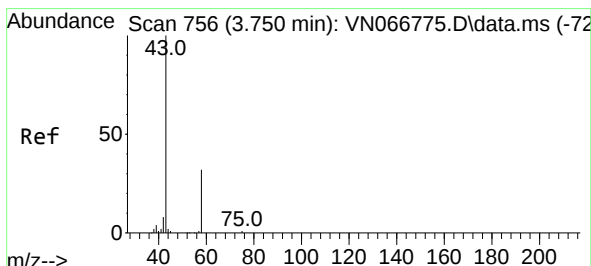
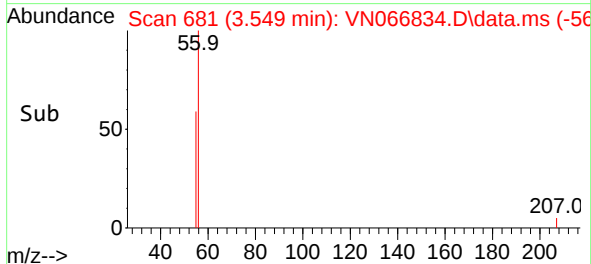
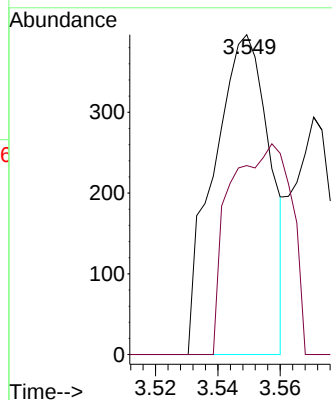
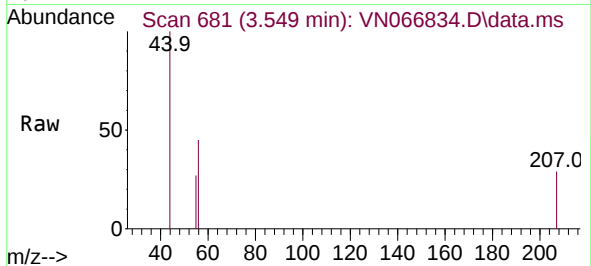




#13
Acrolein
Concen: 1.00 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

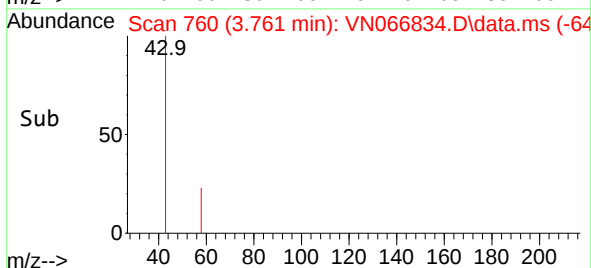
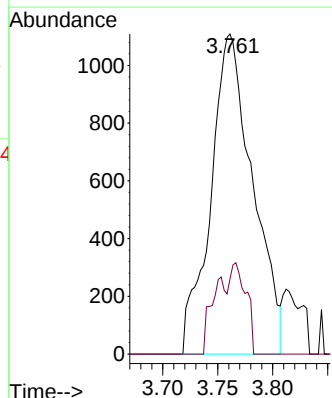
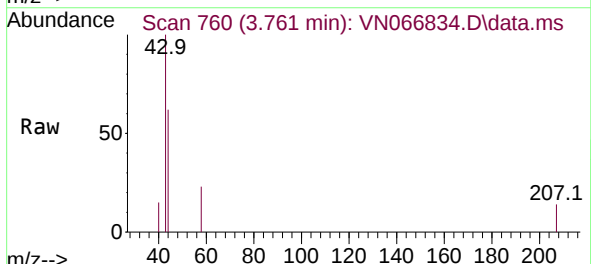
Instrument :
MSVOA_N
ClientSampled :

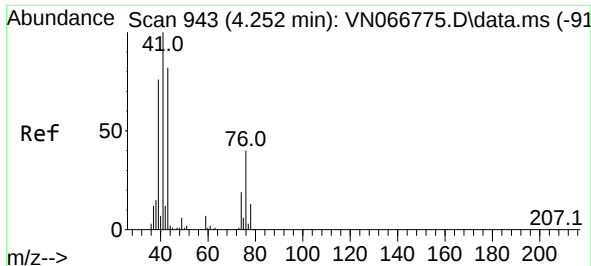
Tgt Ion: 56 Resp: 496
Ion Ratio Lower Upper
56 100
55 72.0 56.0 84.0



#16
Acetone
Concen: 2.03 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

Tgt Ion: 43 Resp: 2954
Ion Ratio Lower Upper
43 100
58 23.4 27.0 40.6#





#18

Methyl Acetate

Concen: 1.61 ug/l

RT: 4.265 min Scan# 948

Delta R.T. 0.013 min

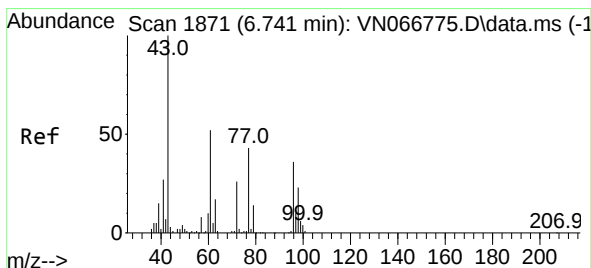
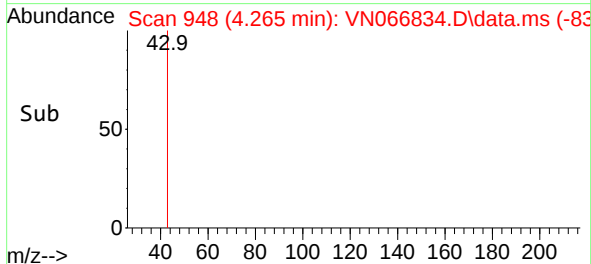
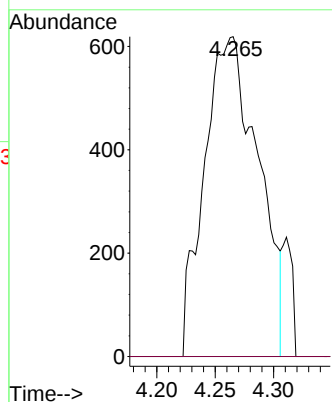
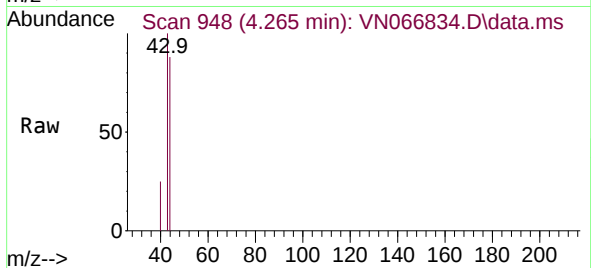
Lab File: VN066834.D

Acq: 29 Apr 2021 00:53

Tgt Ion: 43 Resp: 1986

Ion Ratio Lower Upper

43 100
74 0.0 19.5 29.3#



#27

cis-1,2-Dichloroethene

Concen: 4.59 ug/l

RT: 6.738 min Scan# 1870

Delta R.T. -0.003 min

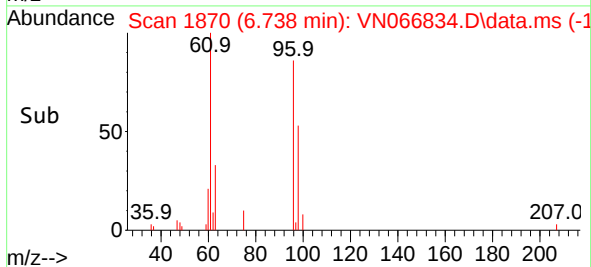
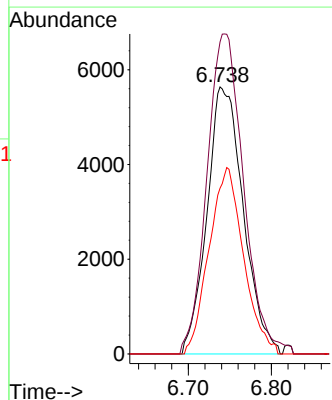
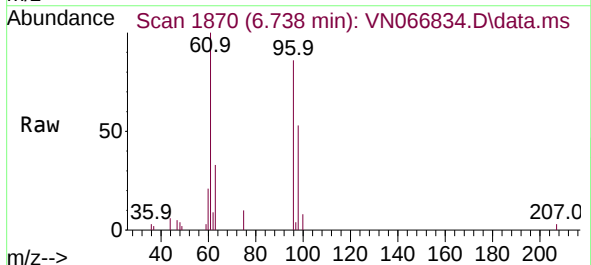
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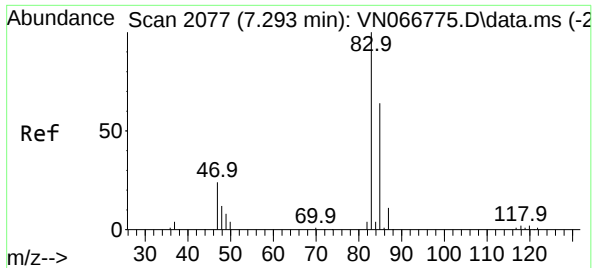
Acq: 29 Apr 2021 00:53

Tgt Ion: 96 Resp: 17139

Ion Ratio Lower Upper

96 100
61 121.0 0.0 276.8
98 66.1 0.0 129.4





#30

Chloroform

Concen: 0.22 ug/l

RT: 7.293 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VN066834.D

Acq: 29 Apr 2021 00:53

Tgt Ion: 83 Resp: 1310

Ion Ratio Lower Upper

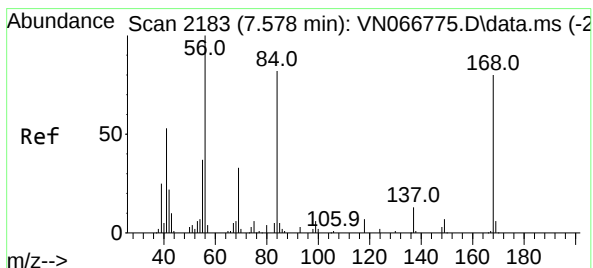
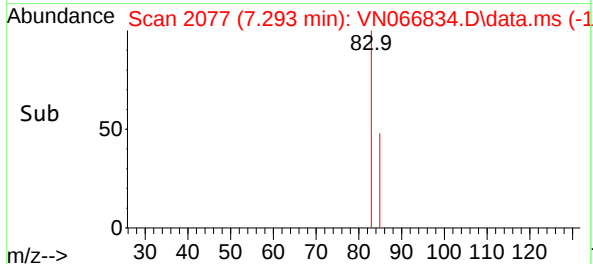
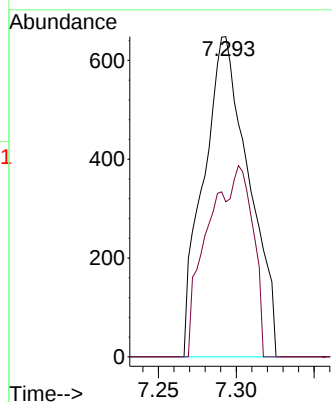
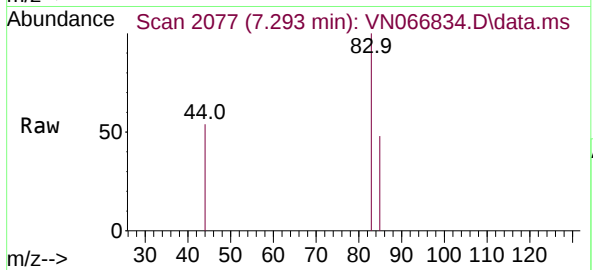
83 100

85 48.5 52.6 78.8#

Instrument :

MSVOA_N

ClientSampleId :



#31

Cyclohexane

Concen: 0.86 ug/l

RT: 7.591 min Scan# 2188

Delta R.T. 0.013 min

Lab File: VN066834.D

Acq: 29 Apr 2021 00:53

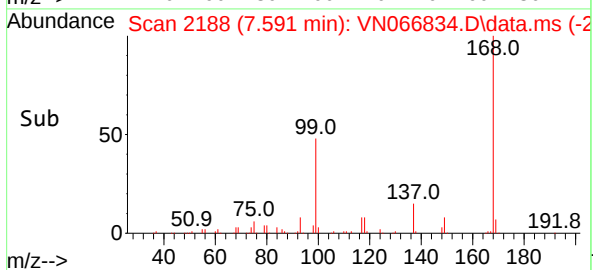
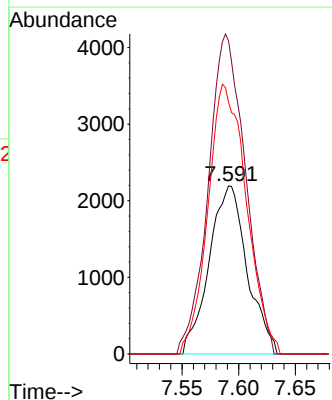
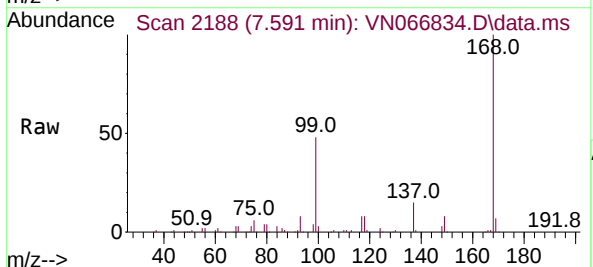
Tgt Ion: 56 Resp: 5127

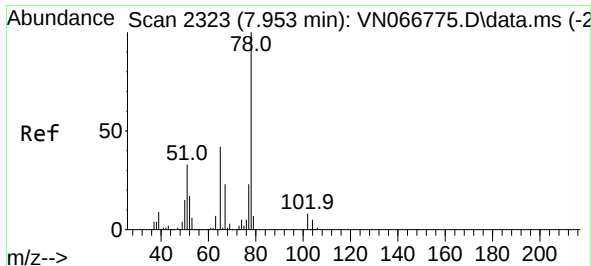
Ion Ratio Lower Upper

56 100

69 186.4 26.6 39.8#

84 149.9 70.4 105.6#

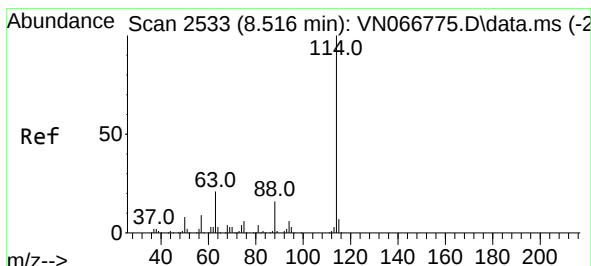
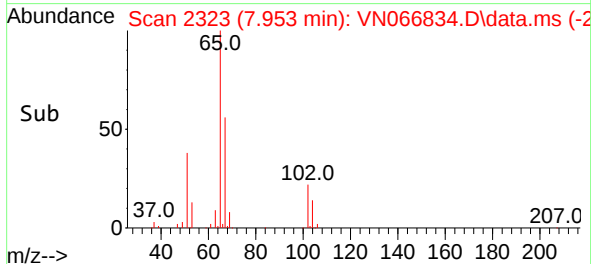
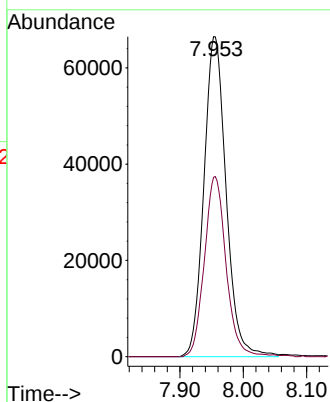
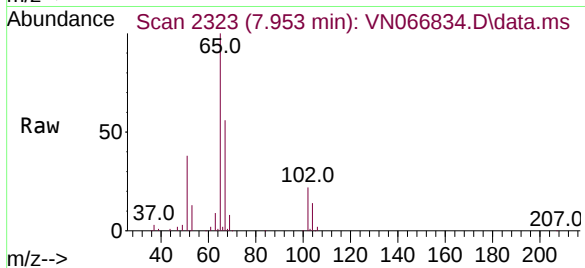




#33
 1,2-Dichloroethane-d4
 Concen: 42.02 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: VN066834.D
 Acq: 29 Apr 2021 00:53

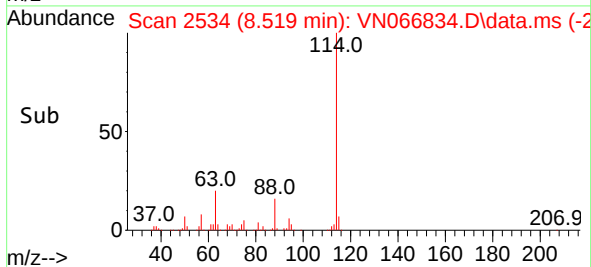
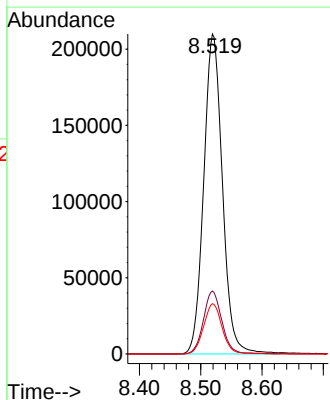
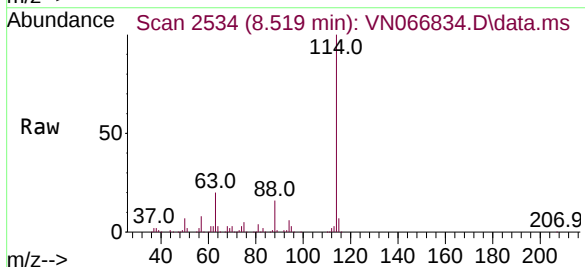
Instrument :
 MSVOA_N
 ClientSampled :

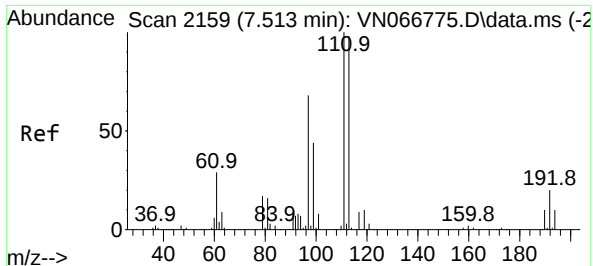
Tgt Ion: 65 Resp: 161955
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066834.D
 Acq: 29 Apr 2021 00:53

Tgt Ion: 114 Resp: 445440
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.7 0.0 30.6

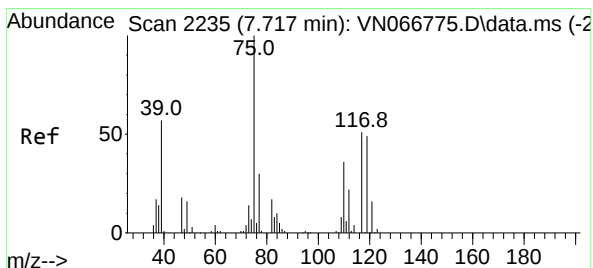
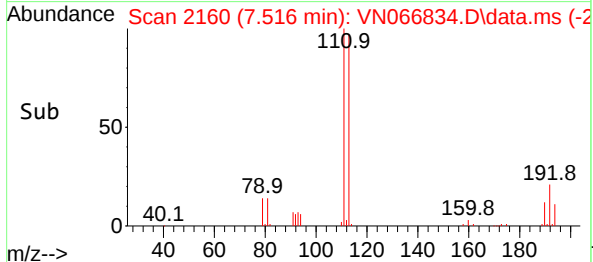
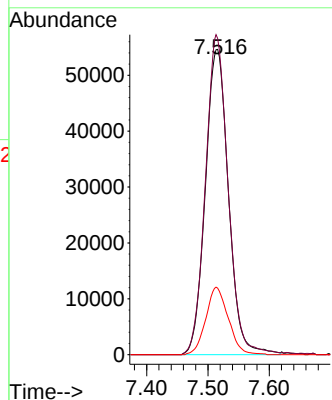
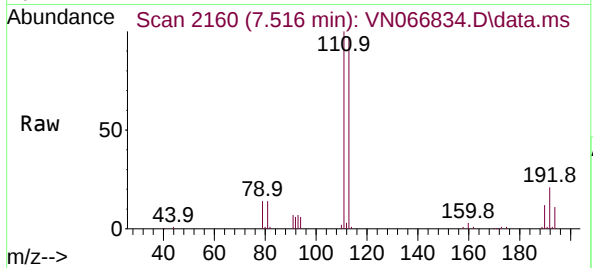




#35
Dibromofluoromethane
Concen: 52.24 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

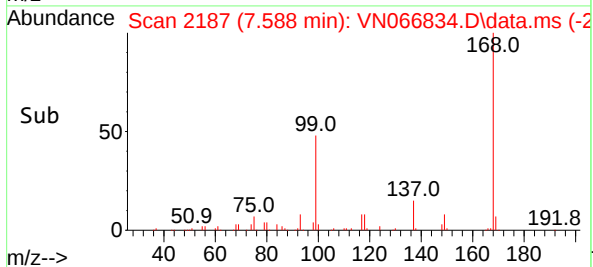
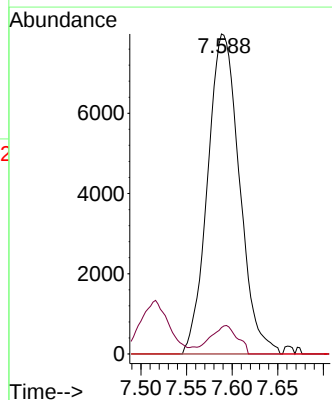
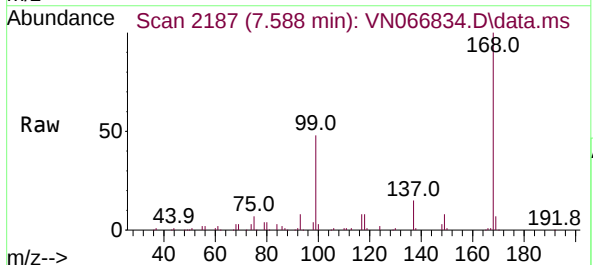
Instrument :
MSVOA_N
ClientSampleId :

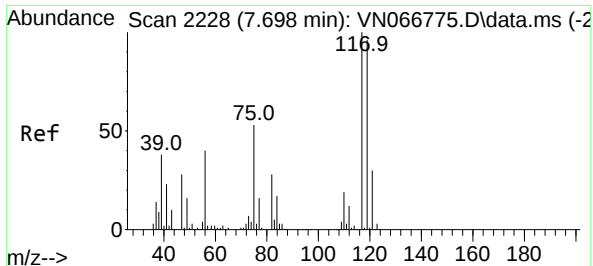
Tgt Ion:113 Resp: 143649
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

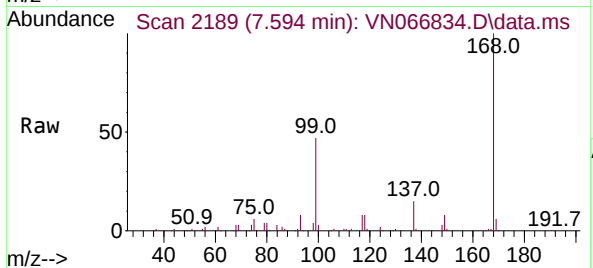
Tgt Ion: 75 Resp: 19395
Ion Ratio Lower Upper
75 100
110 7.5 18.2 54.6#
77 0.0 24.9 37.3#



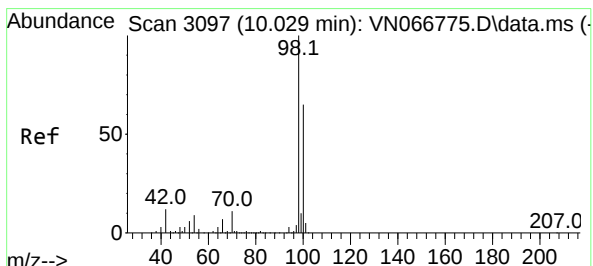
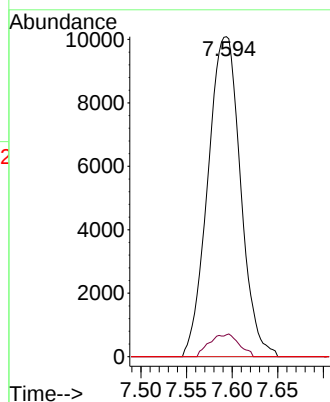
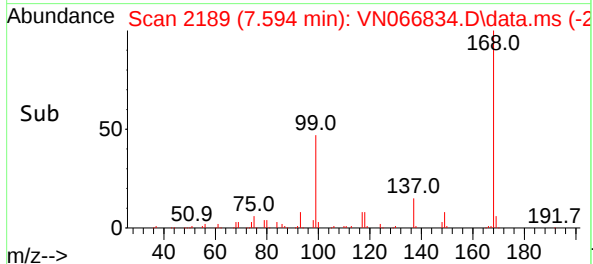


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

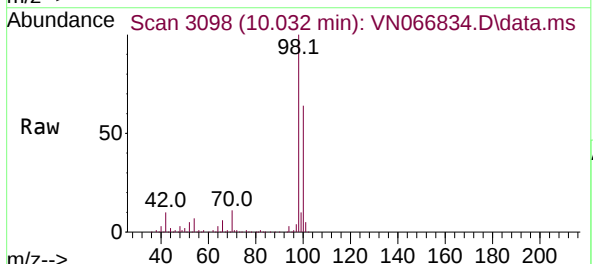
Instrument :
MSVOA_N
ClientSampled :



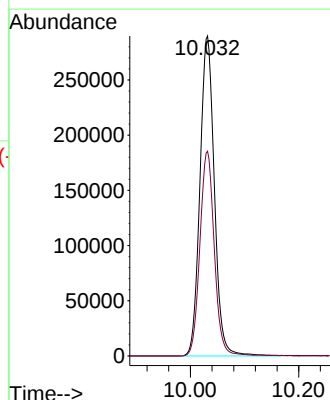
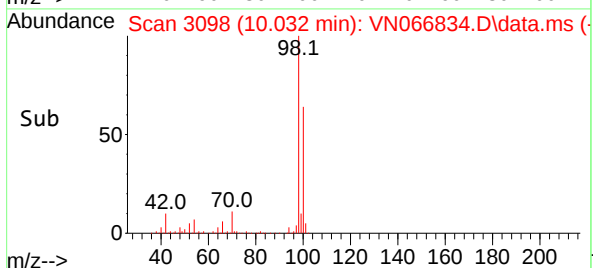
Tgt Ion:117 Resp: 25124
Ion Ratio Lower Upper
117 100
119 6.9 76.0 114.0#
121 0.0 24.5 36.7#

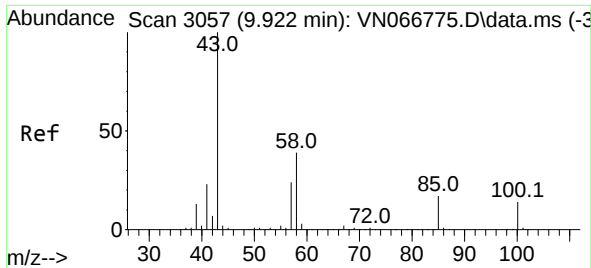


#50
Toluene-d8
Concen: 49.67 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53



Tgt Ion: 98 Resp: 536112
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7

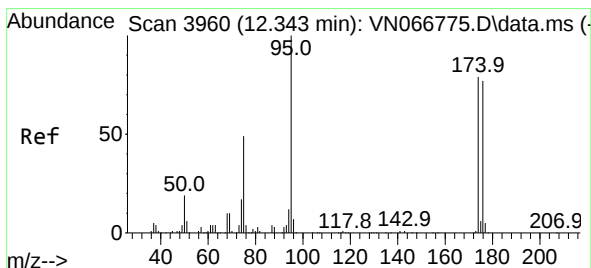
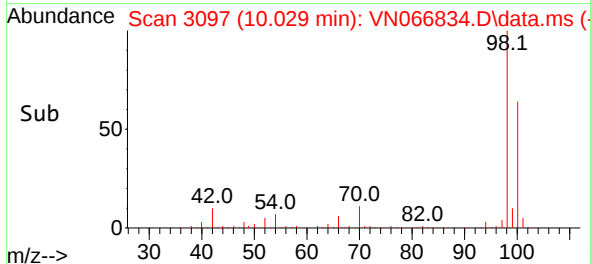
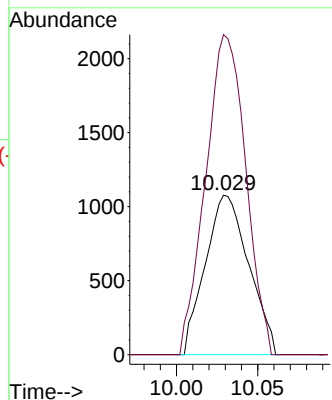
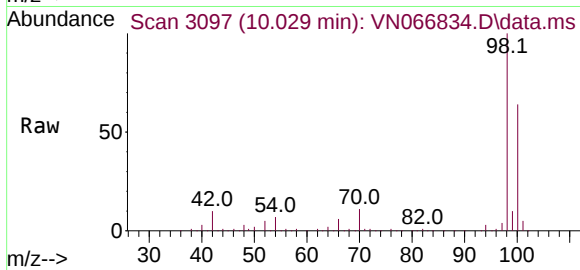




#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

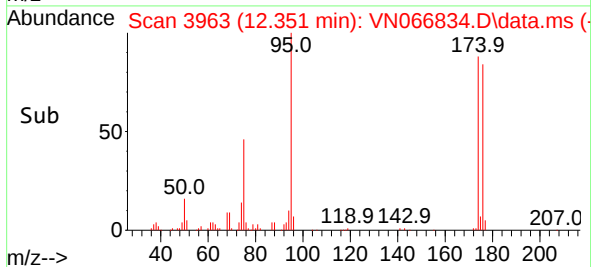
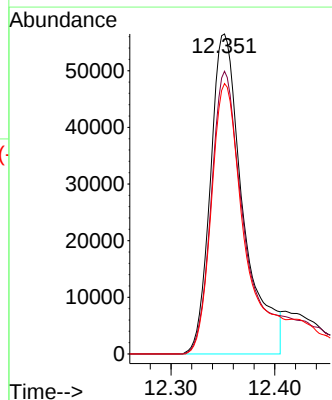
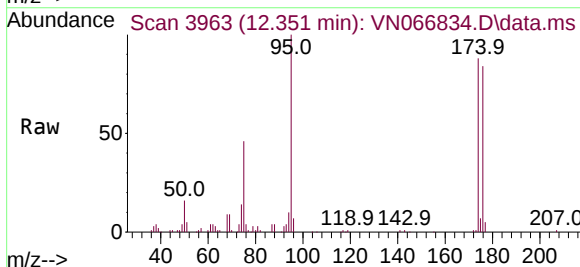
Instrument :
MSVOA_N
ClientSampled :

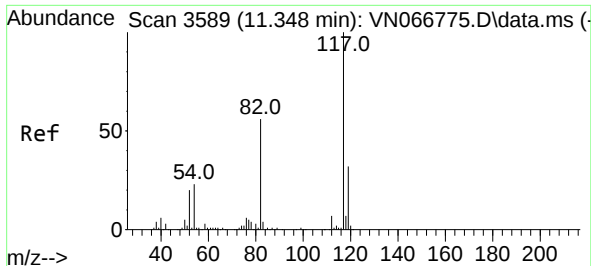
Tgt Ion: 43 Resp: 2006
Ion Ratio Lower Upper
43 100
58 185.0 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 33.86 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.008 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

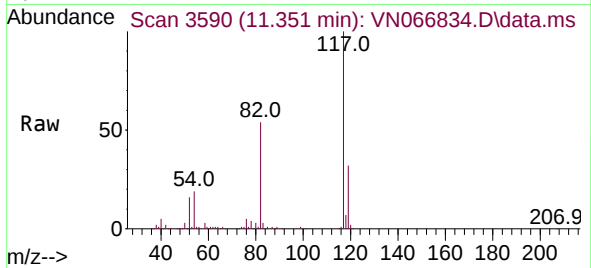
Tgt Ion: 95 Resp: 123646
Ion Ratio Lower Upper
95 100
174 105.0 0.0 169.0
176 86.6 0.0 162.4



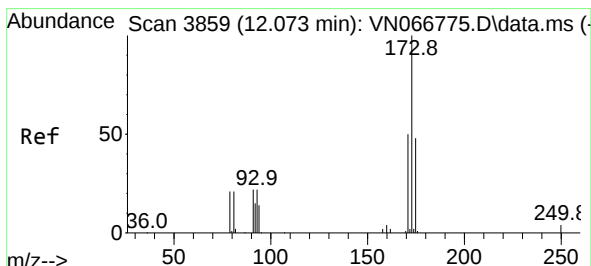
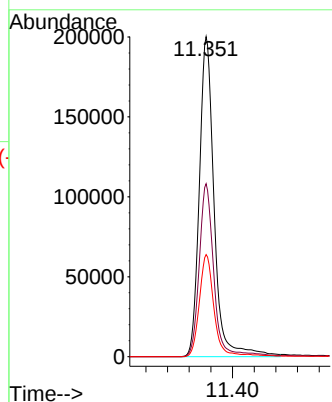
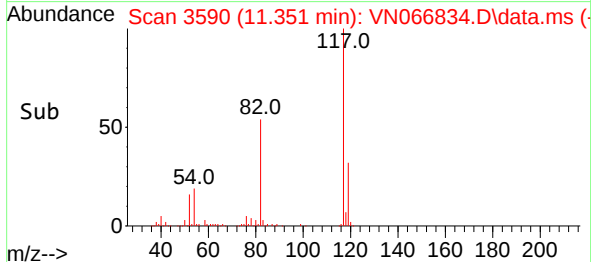


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

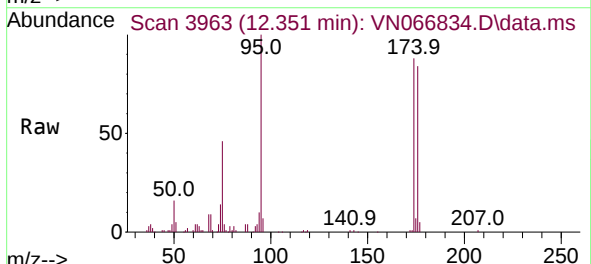
Instrument :
MSVOA_N
ClientSampled :



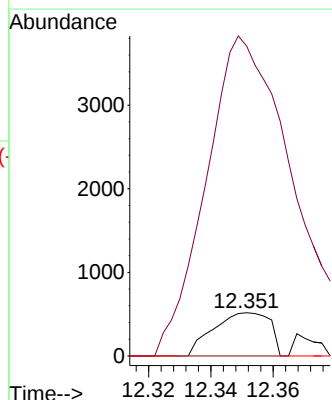
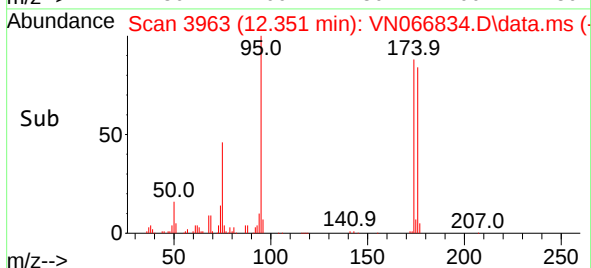
Tgt Ion:117 Resp: 380226
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 31.9 26.1 39.1

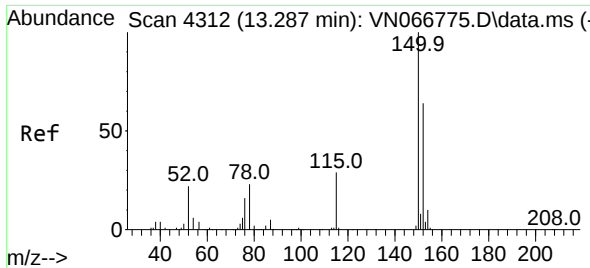


#71
Bromoform
Concen: 0.32 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53



Tgt Ion:173 Resp: 653
Ion Ratio Lower Upper
173 100
175 878.3 23.8 71.2#
254 0.0 0.0 0.0

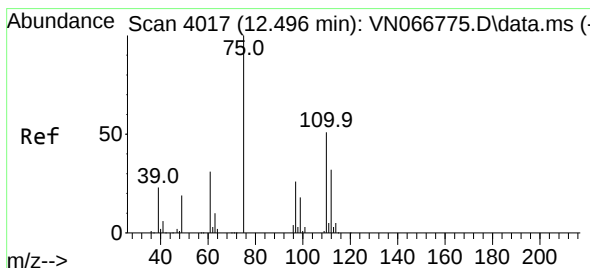
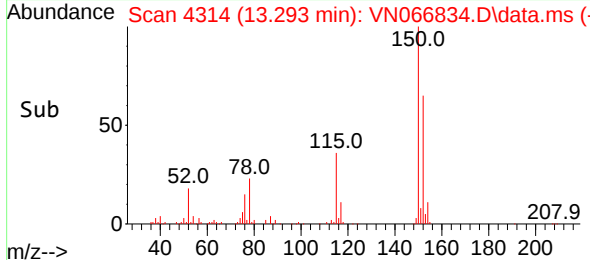
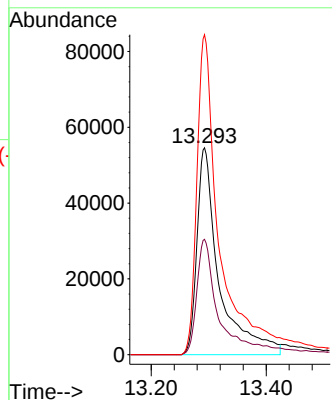
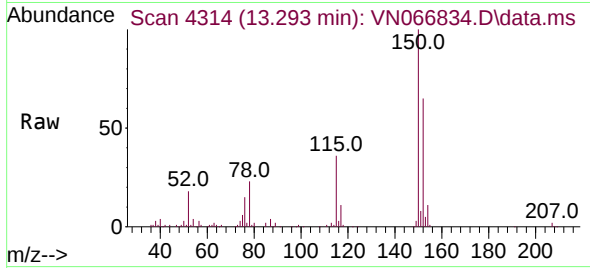




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066834.D
 Acq: 29 Apr 2021 00:53

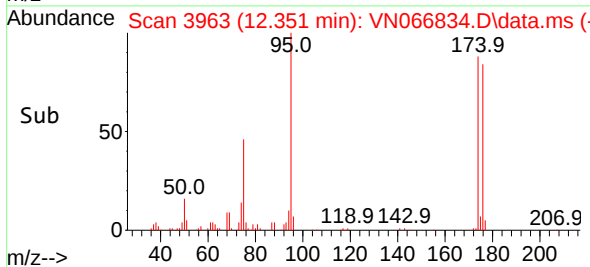
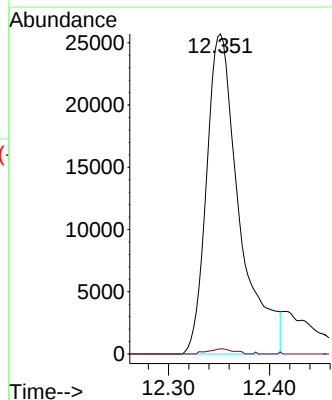
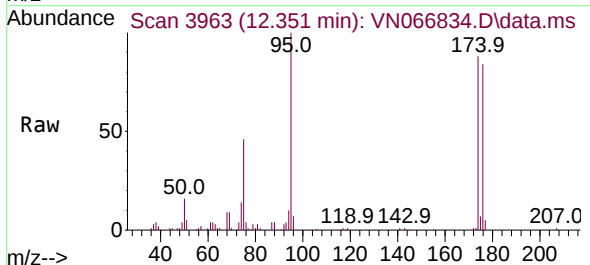
Instrument :
 MSVOA_N
 ClientSampled :

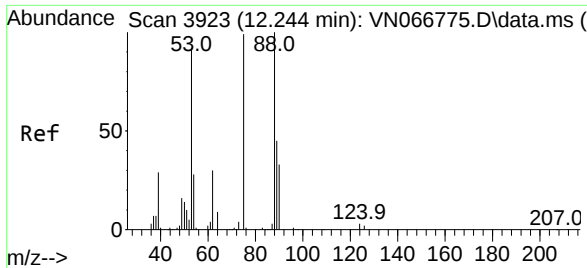
Tgt Ion:152 Resp: 146375
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.5 85.6
 150 165.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 18.81 ug/l
 RT: 12.351 min Scan# 3963
 Delta R.T. -0.145 min
 Lab File: VN066834.D
 Acq: 29 Apr 2021 00:53

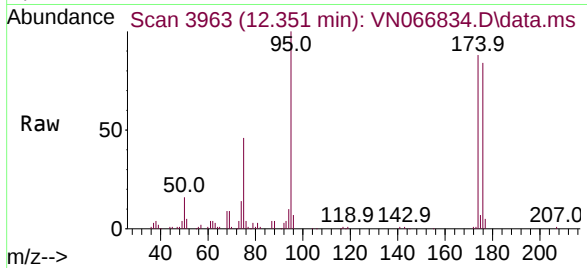
Tgt Ion: 75 Resp: 58042
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



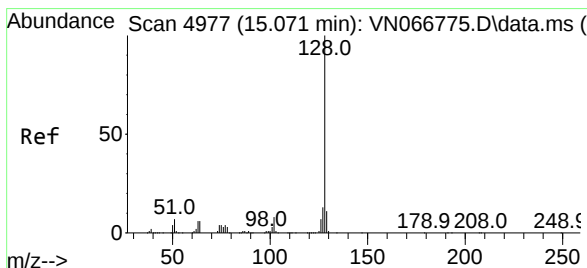
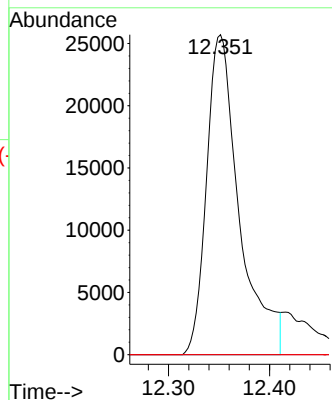
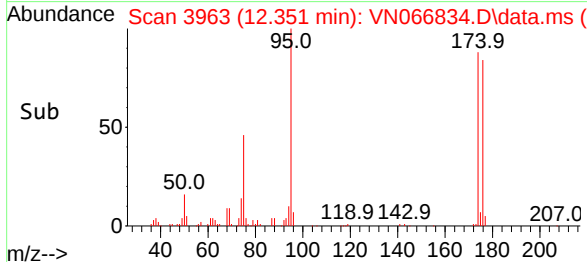


#81
trans-1,4-Dichloro-2-butene
Concen: 52.21 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.107 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53

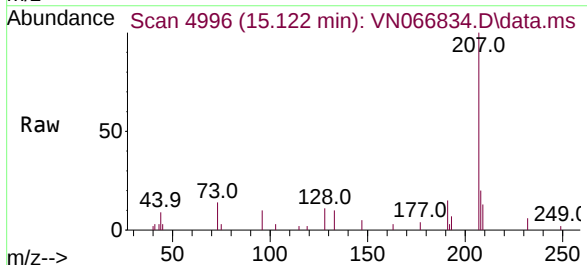
Instrument :
MSVOA_N
ClientSampleId :



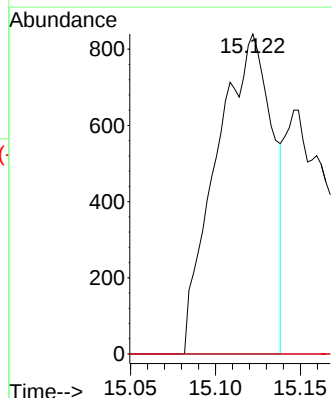
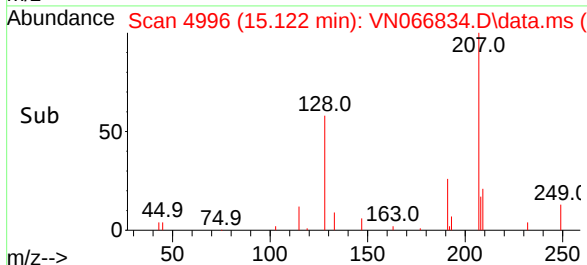
Tgt Ion: 75 Resp: 58042
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

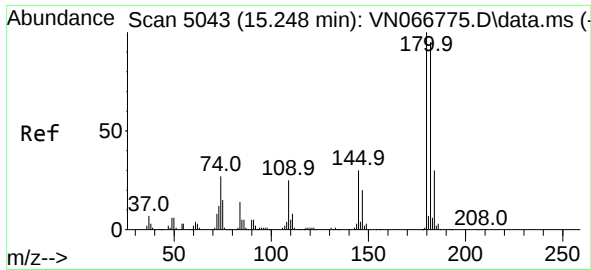


#95
Naphthalene
Concen: 0.30 ug/l
RT: 15.122 min Scan# 4996
Delta R.T. 0.051 min
Lab File: VN066834.D
Acq: 29 Apr 2021 00:53



Tgt Ion: 128 Resp: 1928
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.34 ug/l
 RT: 15.280 min Scan# 5055
 Delta R.T. 0.032 min
 Lab File: VN066834.D
 Acq: 29 Apr 2021 00:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	80.6	47.4	142.3
145	0.0	16.5	49.5#

