

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066888.D
 Acq On : 30 Apr 2021 2:29
 Operator : JC/MD
 Sample : M2137-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:32:33 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)

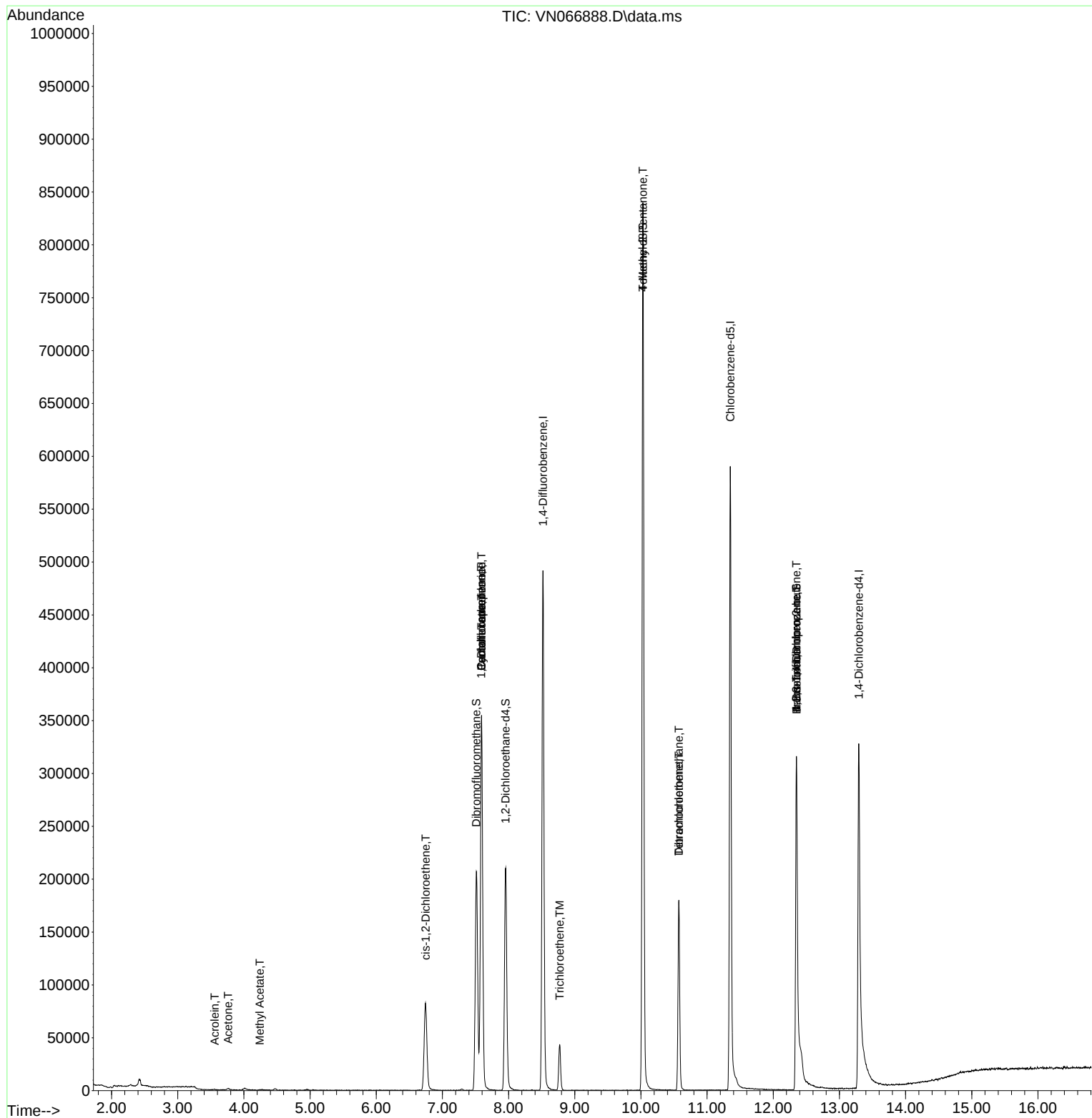
Internal Standards						
1) Pentafluorobenzene	7.591	168	318356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	474401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	407900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	155857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	183967	44.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.96%		
35) Dibromofluoromethane	7.513	113	166743	56.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	113.88%		
50) Toluene-d8	10.029	98	612651	53.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.60%		
62) 4-Bromofluorobenzene	12.349	95	142560	36.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	73.32%		
Target Compounds						Qvalue
13) Acrolein	3.560	56	328	0.62	ug/l	98
16) Acetone	3.761	43	2848	1.85	ug/l	91
18) Methyl Acetate	4.241	43	308	1.19	ug/l #	51
27) cis-1,2-Dichloroethene	6.746	96	61929	15.62	ug/l	88
31) Cyclohexane	7.591	56	5069	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19968	4.53	ug/l #	48
38) Carbon Tetrachloride	7.591	117	25992	6.15	ug/l #	18
44) Trichloroethene	8.771	130	17632	5.30	ug/l	93
51) 4-Methyl-2-Pentanone	10.029	43	2176	0.54	ug/l #	1
60) Dibromochloromethane	10.573	129	40304	11.70	ug/l #	11
64) Tetrachloroethene	10.573	164	47694	17.68	ug/l	98
71) Bromoform	12.351	173	887	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	66120	20.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	66120	55.36	ug/l #	12

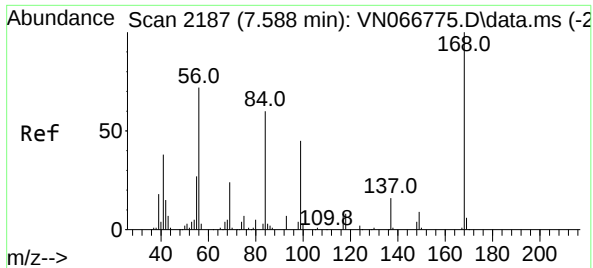
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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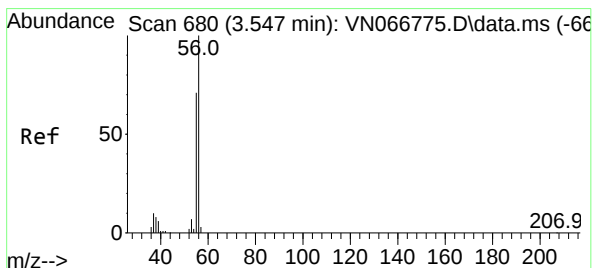
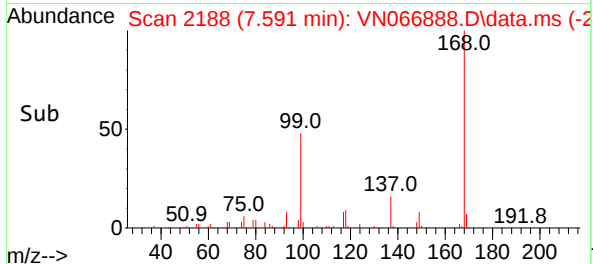
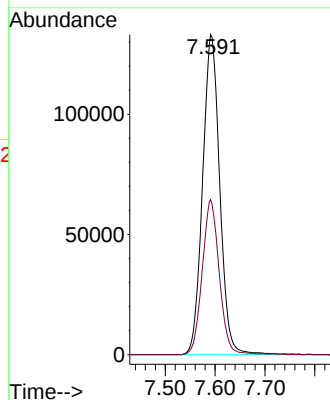
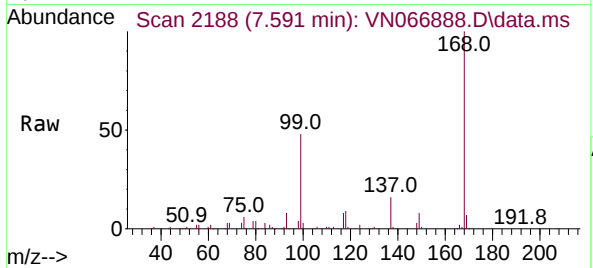




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

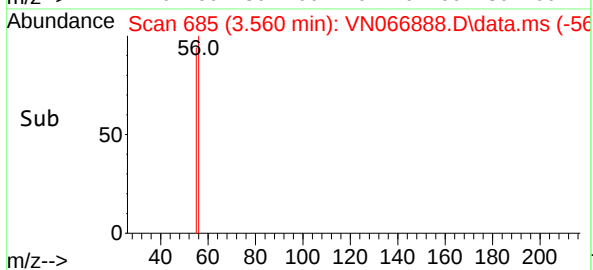
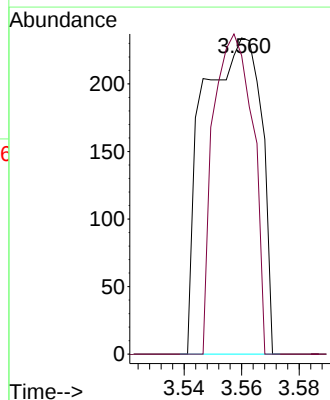
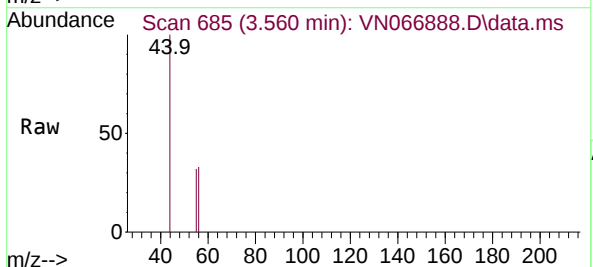
Instrument :
MSVOA_N
ClientSampled :

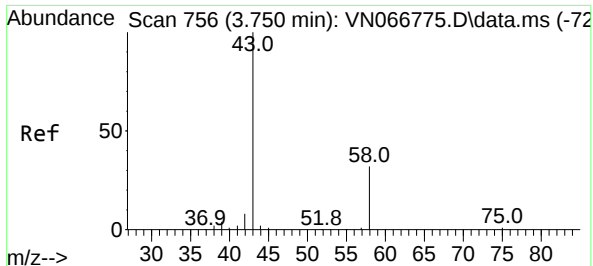
Tgt Ion:168 Resp: 318356
Ion Ratio Lower Upper
168 100
99 48.5 42.6 63.8



#13
Acrolein
Concen: 0.62 ug/l
RT: 3.560 min Scan# 685
Delta R.T. 0.013 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

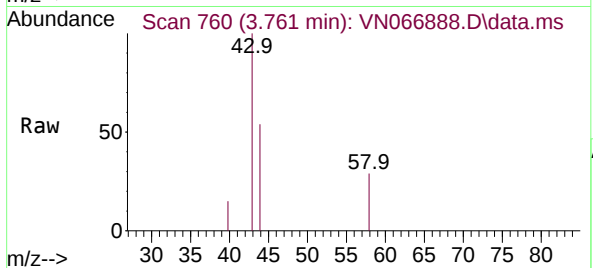
Tgt Ion: 56 Resp: 328
Ion Ratio Lower Upper
56 100
55 68.3 56.0 84.0



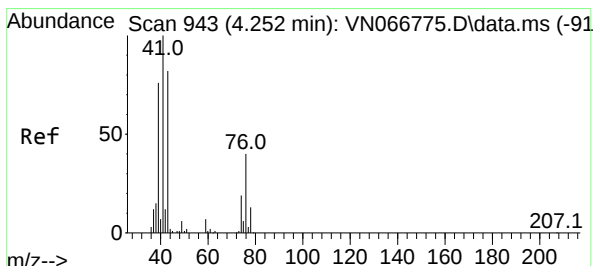
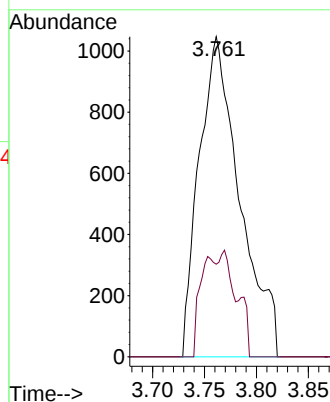
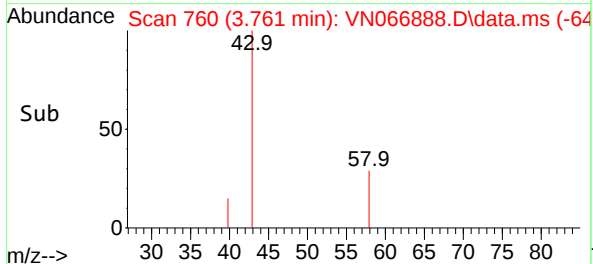


#16
Acetone
Concen: 1.85 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

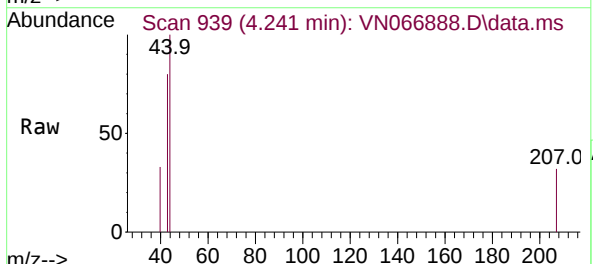
Instrument :
MSVOA_N
ClientSampled :



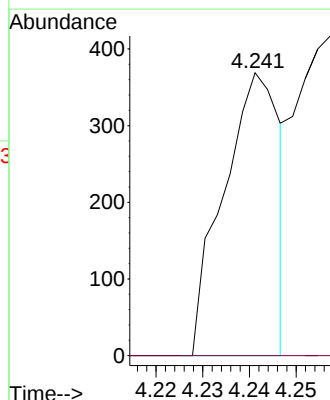
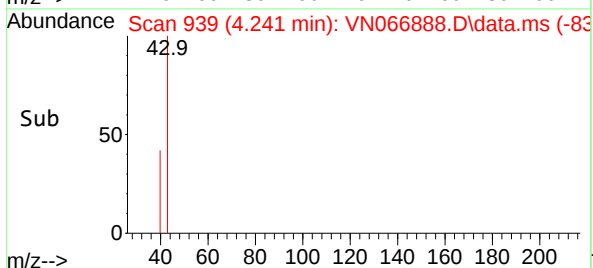
Tgt Ion: 43 Resp: 2848
Ion Ratio Lower Upper
43 100
58 28.9 27.0 40.6

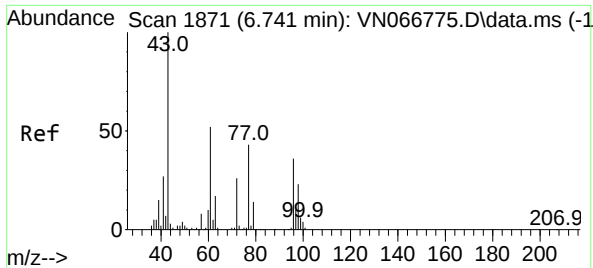


#18
Methyl Acetate
Concen: 1.19 ug/l
RT: 4.241 min Scan# 939
Delta R.T. -0.011 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29



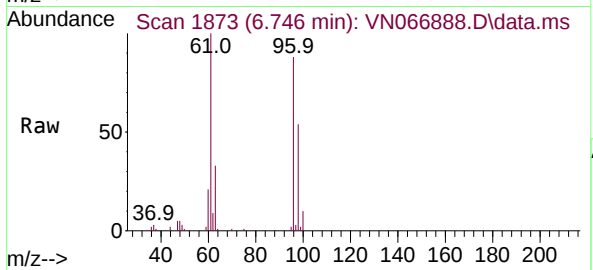
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



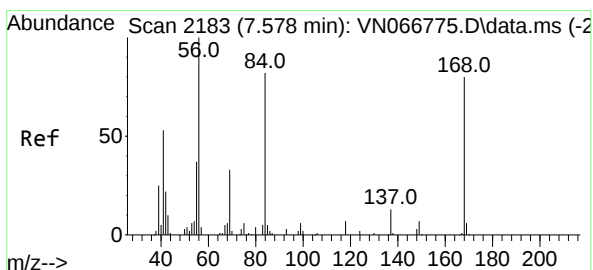
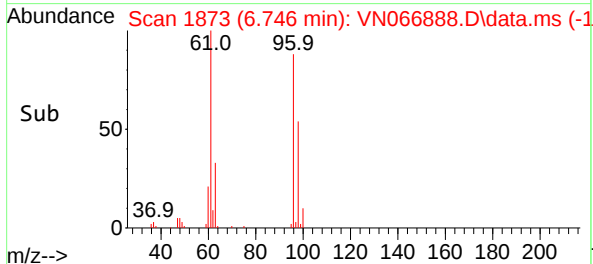
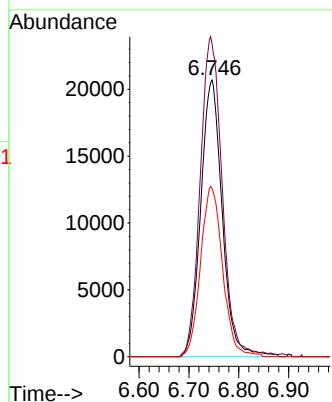


#27
 cis-1,2-Dichloroethene
 Concen: 15.62 ug/l
 RT: 6.746 min Scan# 1873
 Delta R.T. 0.005 min
 Lab File: VN066888.D
 Acq: 30 Apr 2021 2:29

Instrument :
 MSVOA_N
 ClientSampled :

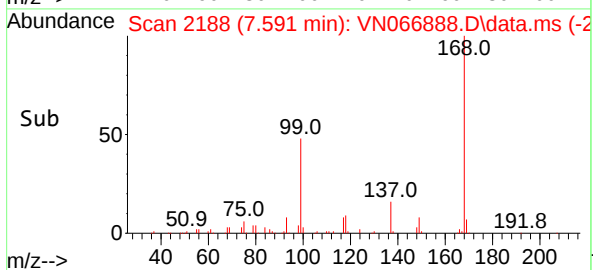
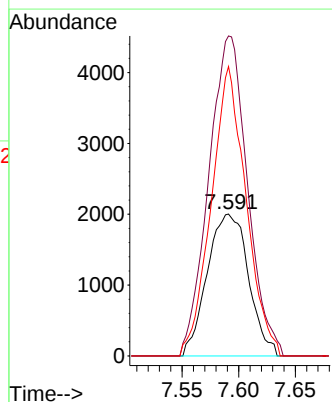
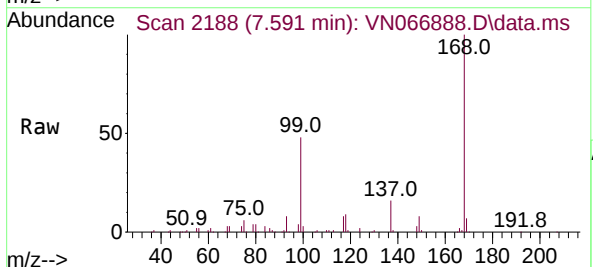


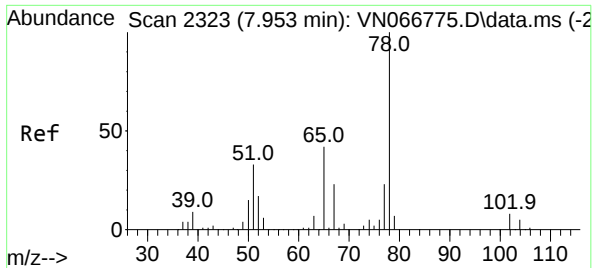
Tgt Ion:	96	Resp:	61929
Ion	Ratio	Lower	Upper
96	100		
61	118.0	0.0	276.8
98	63.0	0.0	129.4



#31
 Cyclohexane
 Concen: 0.80 ug/l
 RT: 7.591 min Scan# 2188
 Delta R.T. 0.013 min
 Lab File: VN066888.D
 Acq: 30 Apr 2021 2:29

Tgt Ion:	56	Resp:	5069
Ion	Ratio	Lower	Upper
56	100		
69	225.5	26.6	39.8#
84	203.9	70.4	105.6#

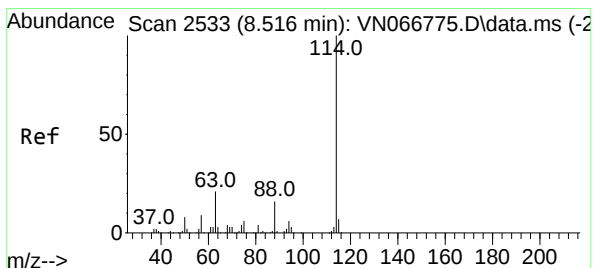
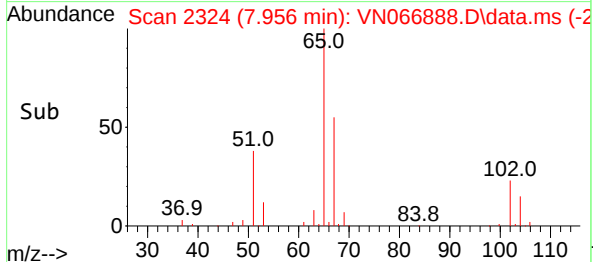
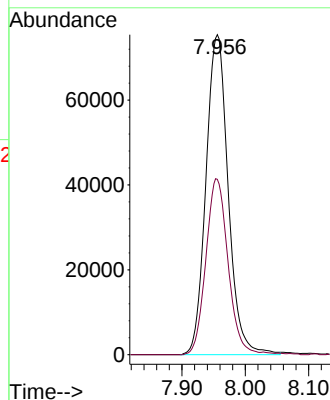
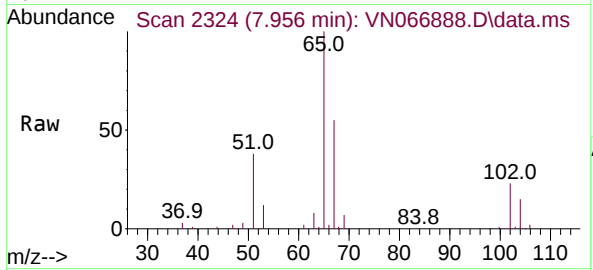




#33
1,2-Dichloroethane-d4
Concen: 44.98 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

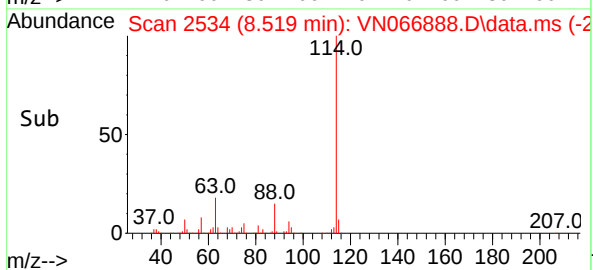
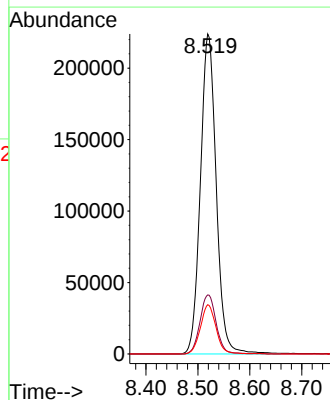
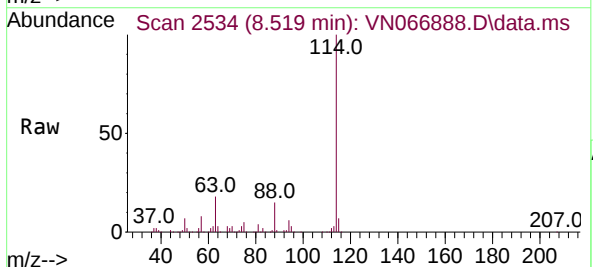
Instrument :
MSVOA_N
ClientSampled :

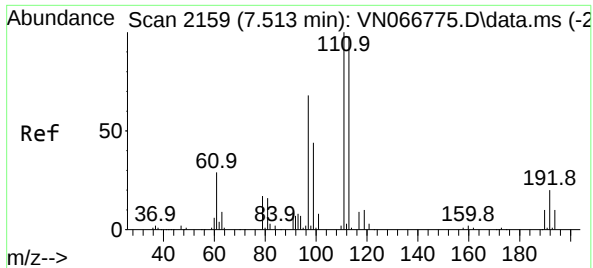
Tgt Ion: 65 Resp: 183967
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

Tgt Ion: 114 Resp: 474401
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.6
88 15.4 0.0 30.6

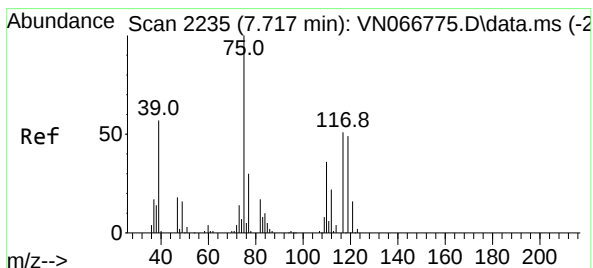
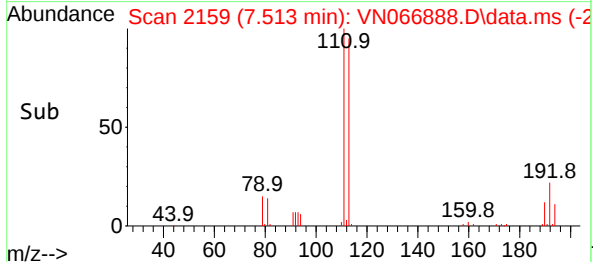
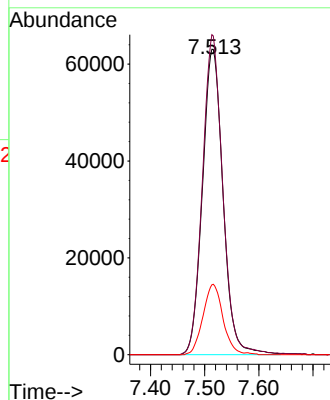
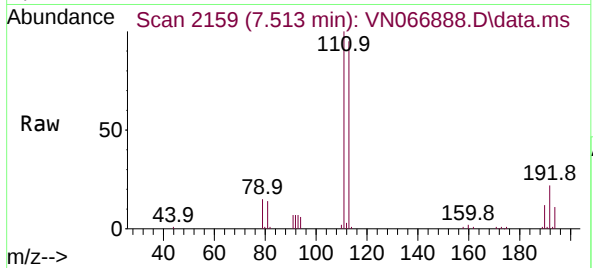




#35
Dibromofluoromethane
Concen: 56.94 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

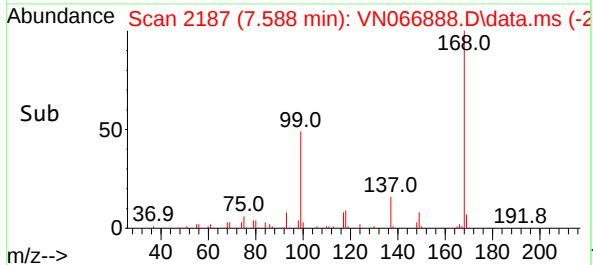
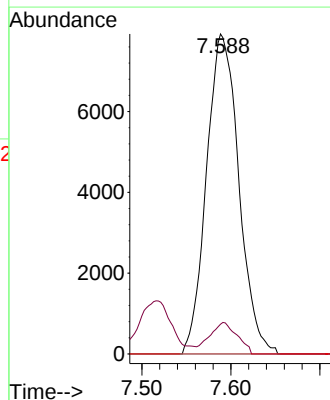
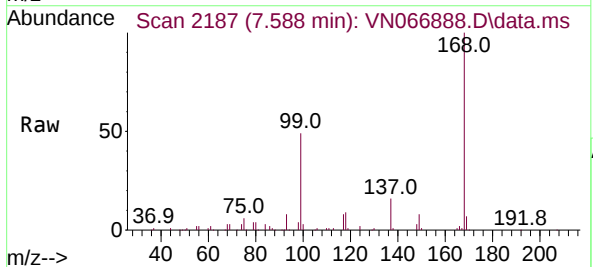
Instrument :
MSVOA_N
ClientSampleId :

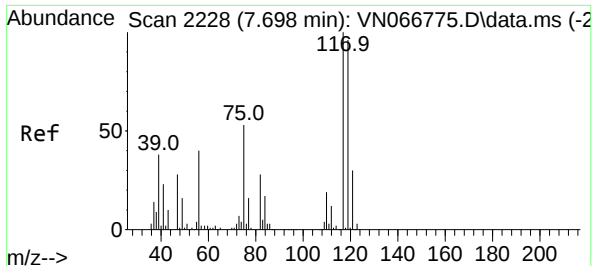
Tgt Ion:113 Resp: 166743
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 22.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

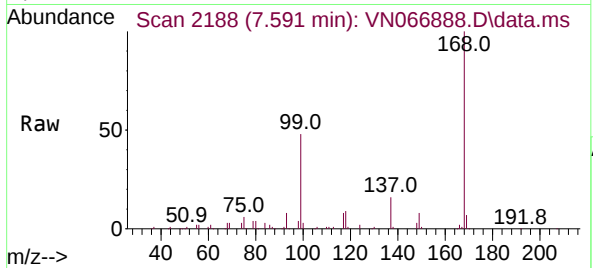
Tgt Ion: 75 Resp: 19968
Ion Ratio Lower Upper
75 100
110 8.4 18.2 54.6#
77 0.0 24.9 37.3#



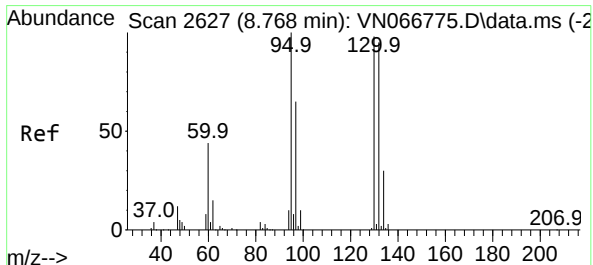
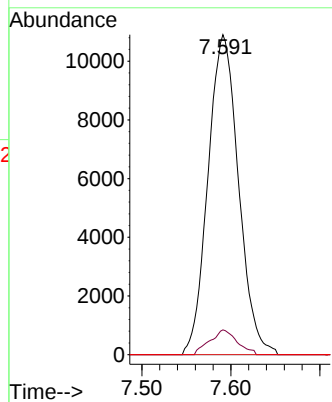
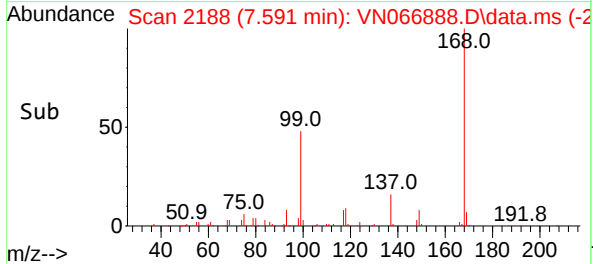


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

Instrument :
MSVOA_N
ClientSampled :

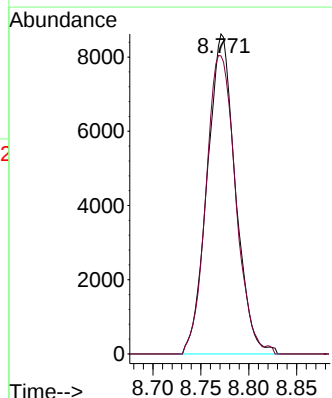
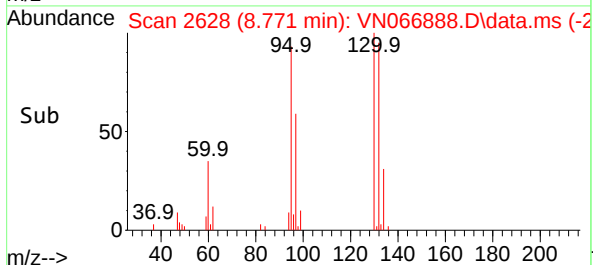
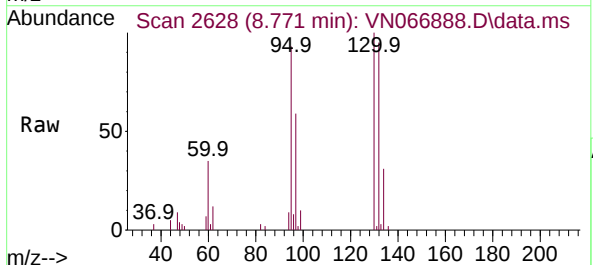


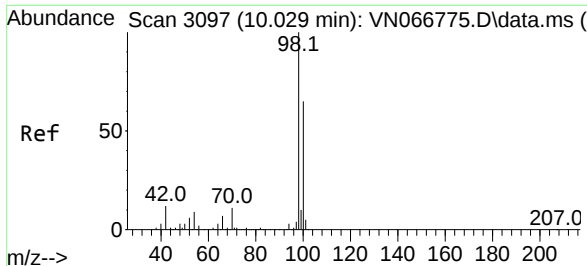
Tgt Ion:117 Resp: 25992
Ion Ratio Lower Upper
117 100
119 7.8 76.0 114.0#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 5.30 ug/l
RT: 8.771 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

Tgt Ion:130 Resp: 17632
Ion Ratio Lower Upper
130 100
95 93.2 0.0 199.6

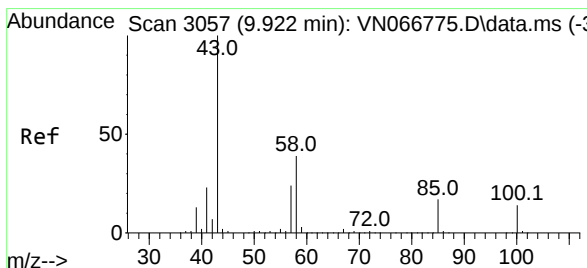
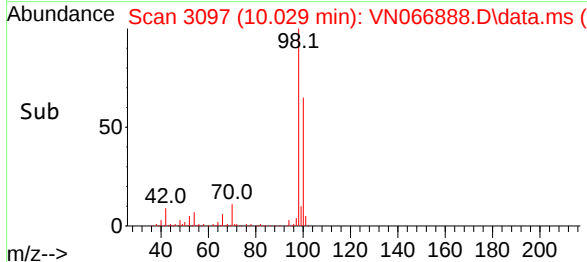
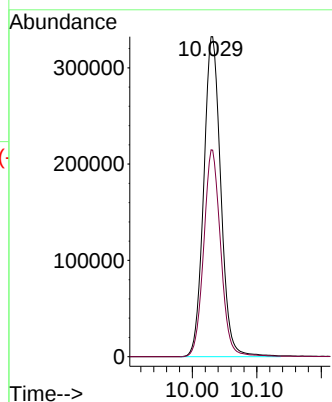
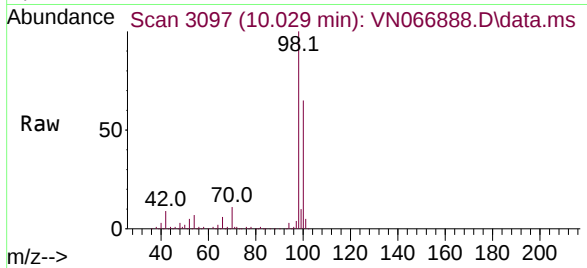




#50
Toluene-d8
Concen: 53.30 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

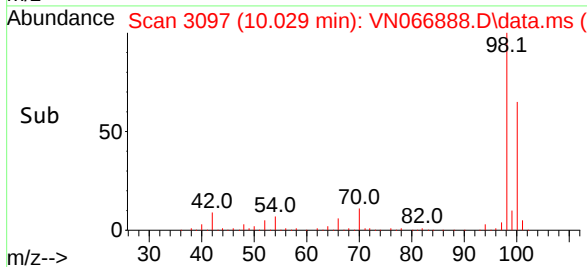
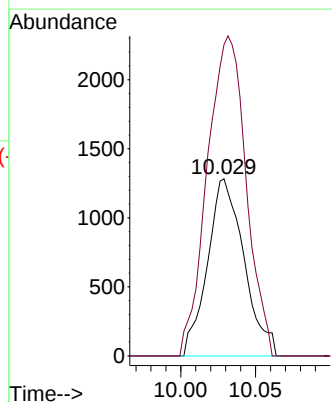
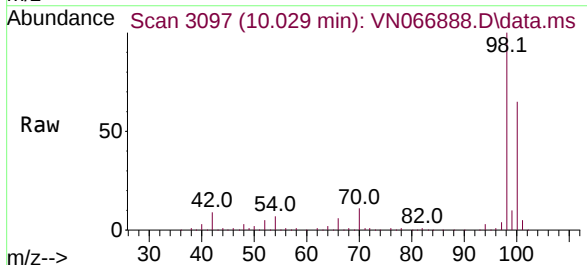
Instrument :
MSVOA_N
ClientSampled :

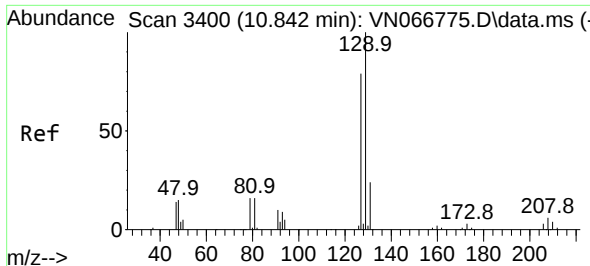
Tgt Ion: 98 Resp: 612651
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

Tgt Ion: 43 Resp: 2176
Ion Ratio Lower Upper
43 100
58 192.7 32.5 48.7#

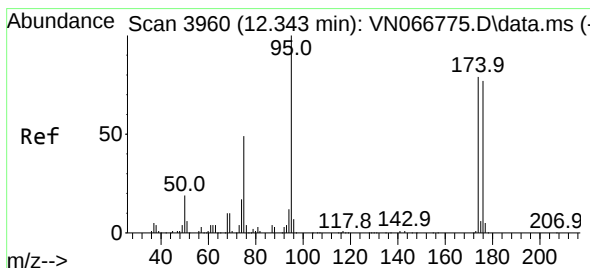
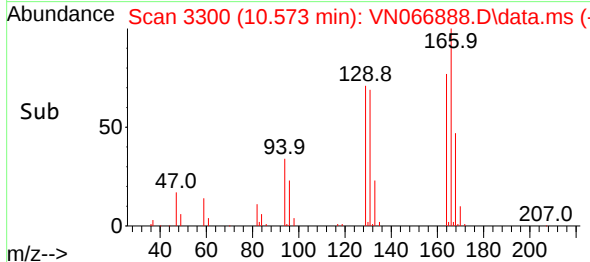
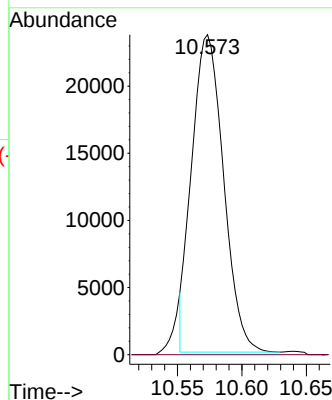
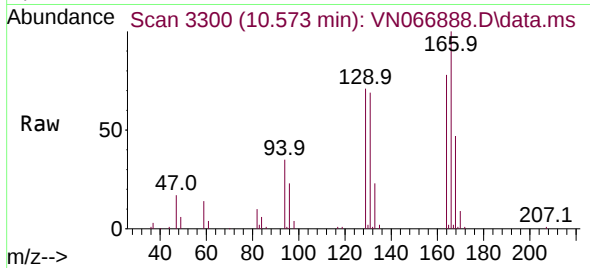




#60
Dibromochloromethane
Concen: 11.70 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

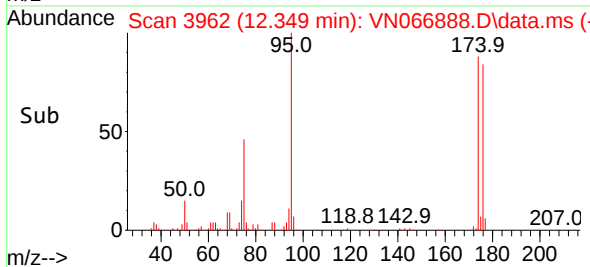
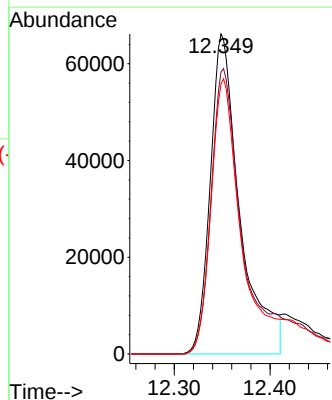
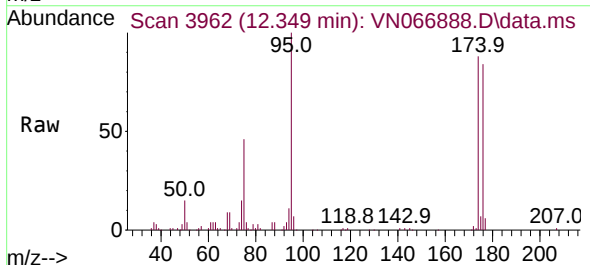
Instrument :
MSVOA_N
ClientSampled :

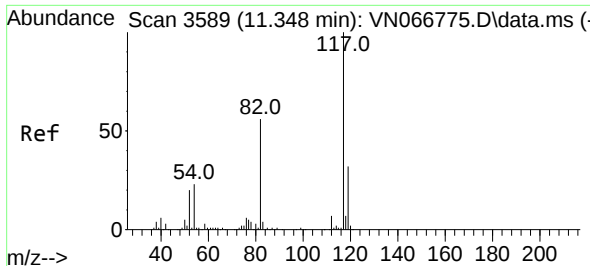
Tgt Ion:129 Resp: 40304
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 36.66 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

Tgt Ion: 95 Resp: 142560
Ion Ratio Lower Upper
95 100
174 105.2 0.0 169.0
176 100.3 0.0 162.4

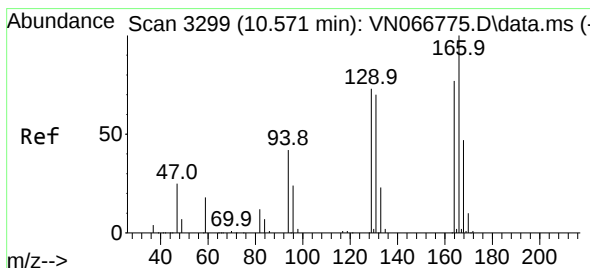
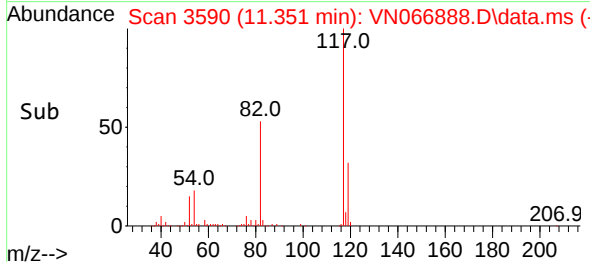
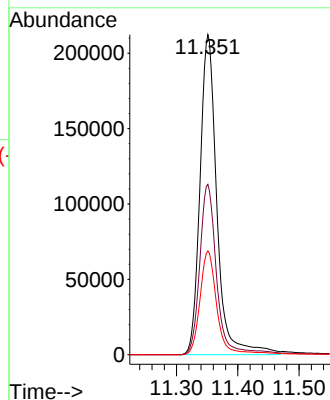
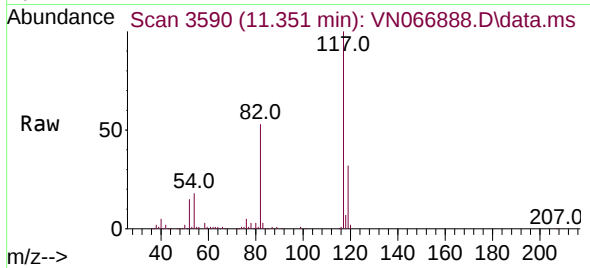




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

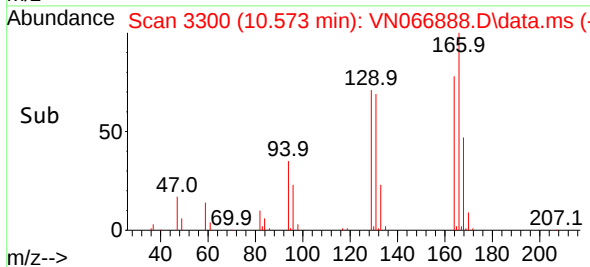
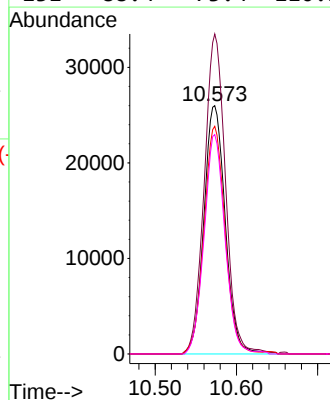
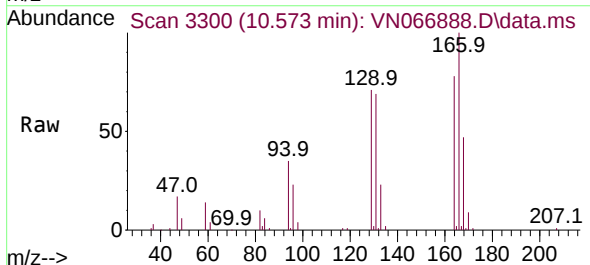
Instrument :
MSVOA_N
ClientSampleId :

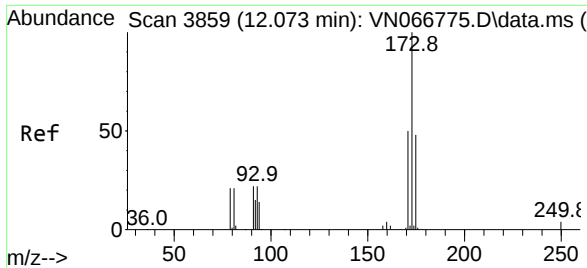
Tgt Ion:117 Resp: 407900
Ion Ratio Lower Upper
117 100
82 53.3 43.7 65.5
119 32.5 26.1 39.1



#64
Tetrachloroethene
Concen: 17.68 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

Tgt Ion:164 Resp: 47694
Ion Ratio Lower Upper
164 100
166 128.9 102.6 154.0
129 91.7 76.2 114.4
131 88.4 73.4 110.2

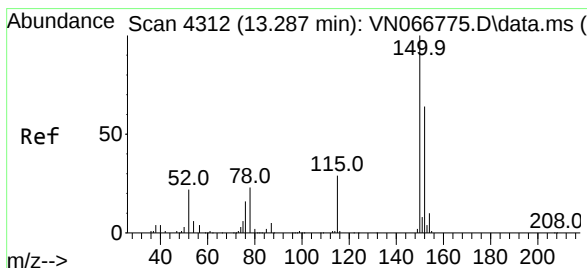
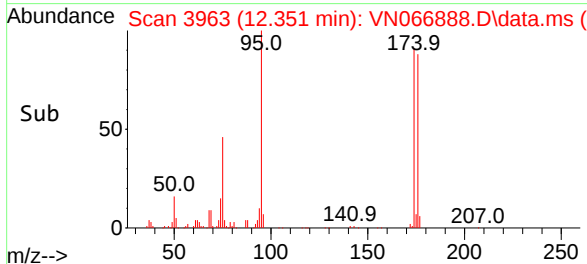
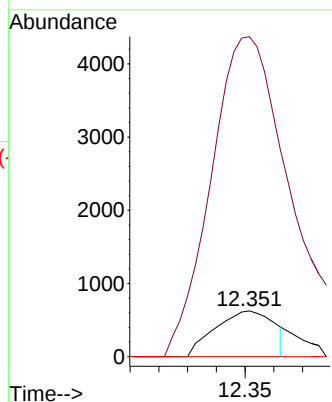
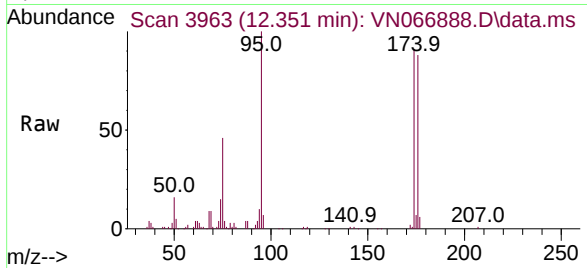




#71
Bromoform
Concen: 0.40 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

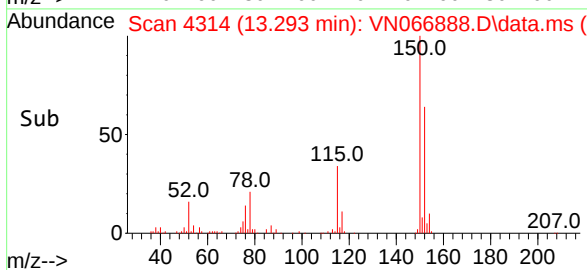
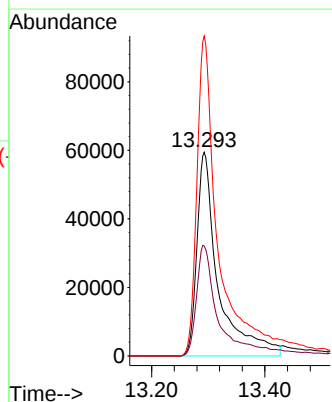
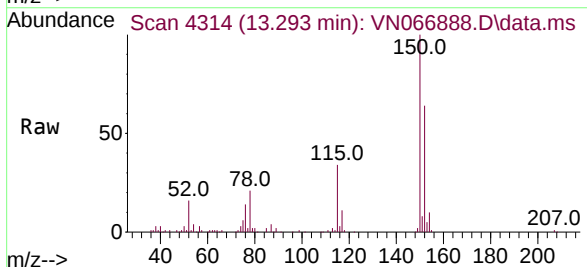
Instrument :
MSVOA_N
ClientSampled :

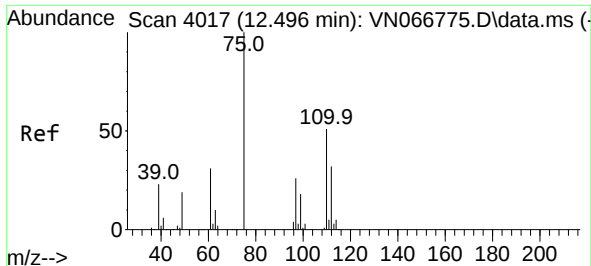
Tgt Ion:173 Resp: 887
Ion Ratio Lower Upper
173 100
175 745.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

Tgt Ion:152 Resp: 155857
Ion Ratio Lower Upper
152 100
115 54.4 28.5 85.6
150 164.2 0.0 347.6

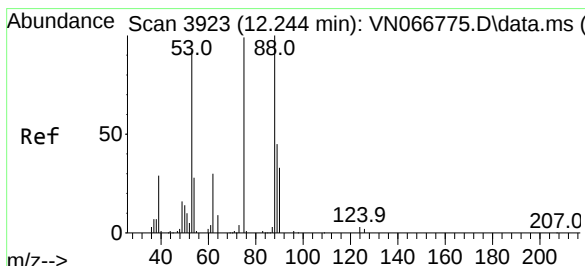
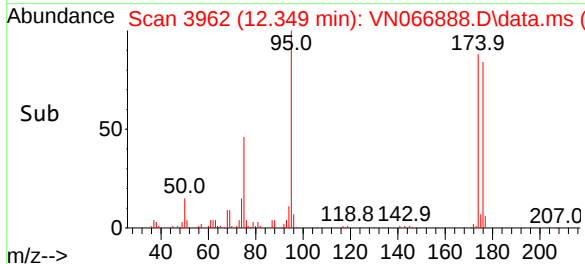
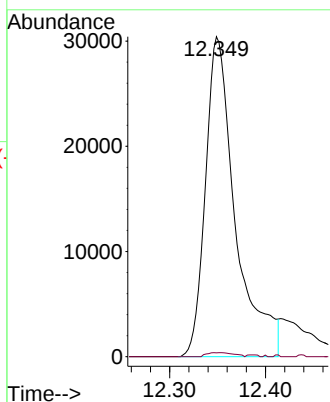
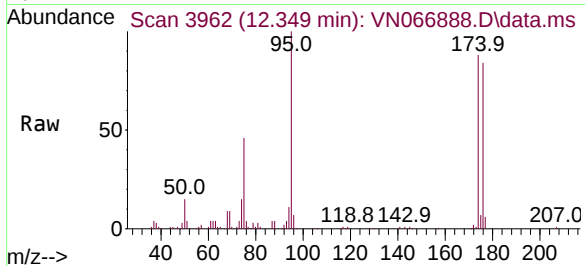




#76
1,2,3-Trichloropropane
Concen: 20.13 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 66120
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.36 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066888.D
Acq: 30 Apr 2021 2:29

Tgt Ion: 75 Resp: 66120
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

