

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066887.D
 Acq On : 30 Apr 2021 2:05
 Operator : JC/MD
 Sample : M2137-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:19:07 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)

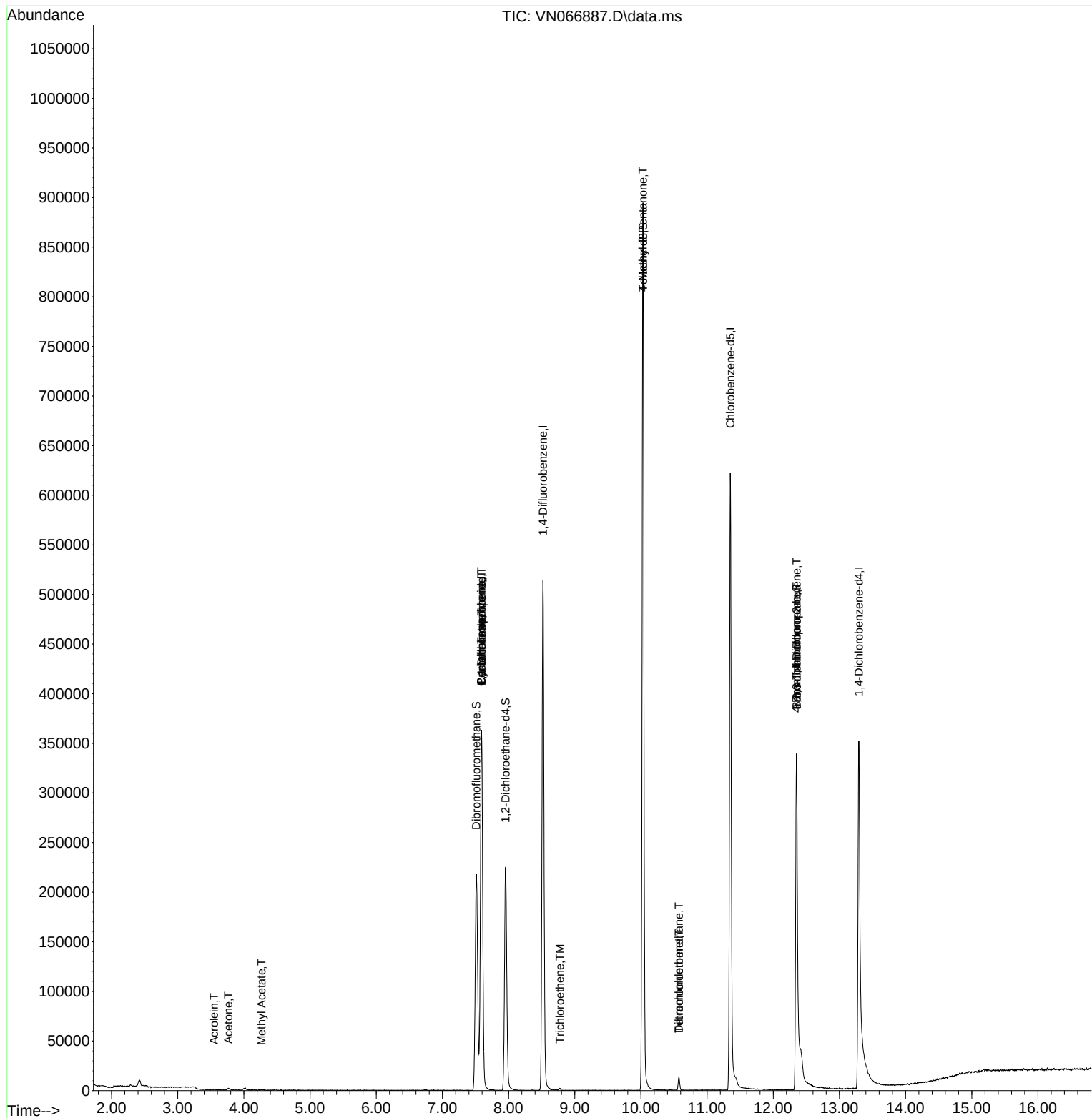
Internal Standards						
1) Pentafluorobenzene	7.591	168	324325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	495639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	428737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	165389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	192626	46.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.46%			
35) Dibromofluoromethane	7.513	113	176827	57.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.60%			
50) Toluene-d8	10.032	98	645019	53.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.42%			
62) 4-Bromofluorobenzene	12.349	95	178779	44.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.00%			
Target Compounds						
					Qvalue	
13) Acrolein	3.549	56	202	0.38	ug/l #	45
16) Acetone	3.764	43	3054	1.94	ug/l	91
18) Methyl Acetate	4.265	43	1114	1.37	ug/l #	55
31) Cyclohexane	7.591	56	5056	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	20938	4.55	ug/l #	48
38) Carbon Tetrachloride	7.591	117	27419	6.21	ug/l #	17
44) Trichloroethene	8.776	130	1011	0.29	ug/l	82
51) 4-Methyl-2-Pentanone	10.029	43	2298	0.54	ug/l #	1
60) Dibromochloromethane	10.573	129	2923	0.81	ug/l #	11
64) Tetrachloroethene	10.573	164	3196	1.13	ug/l	95
71) Bromoform	12.352	173	997	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.352	75	67620	19.40	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.352	75	67620	53.61	ug/l #	12

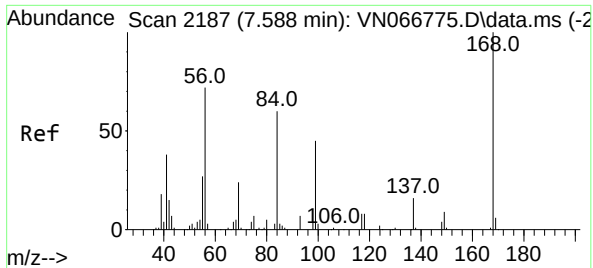
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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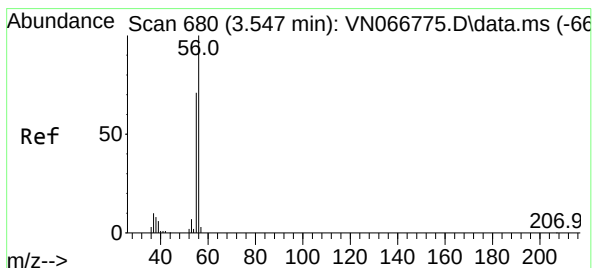
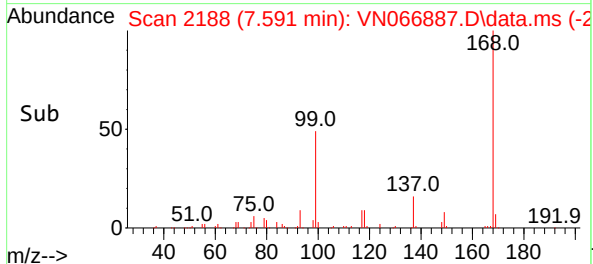
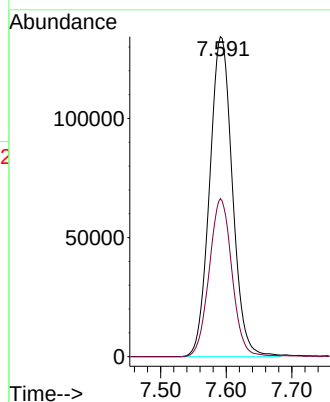
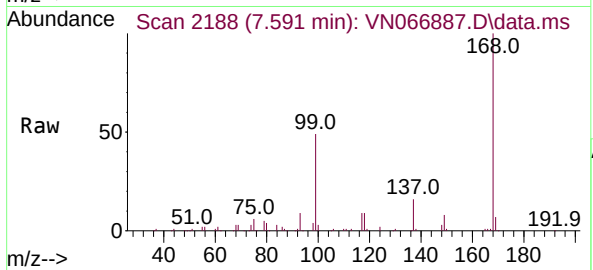




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

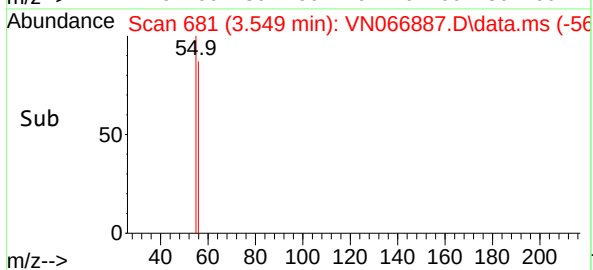
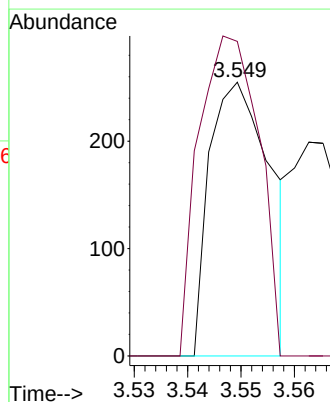
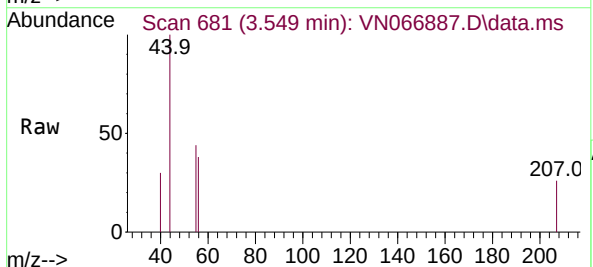
Instrument :
MSVOA_N
ClientSampled :

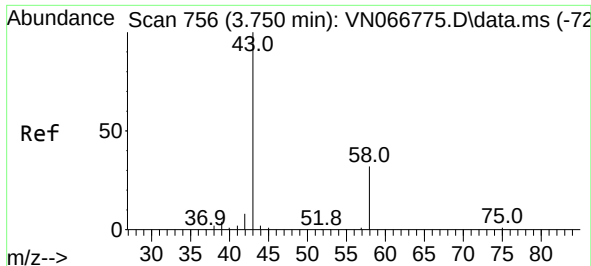
Tgt Ion:168 Resp: 324325
Ion Ratio Lower Upper
168 100
99 49.4 42.6 63.8



#13
Acrolein
Concen: 0.38 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

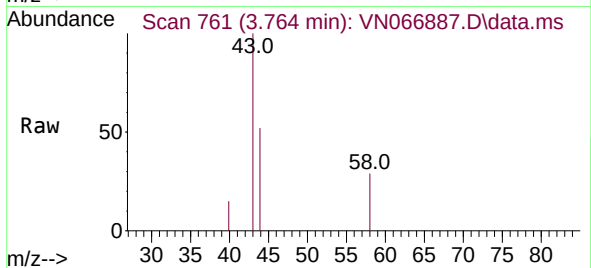
Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 115.3 56.0 84.0#



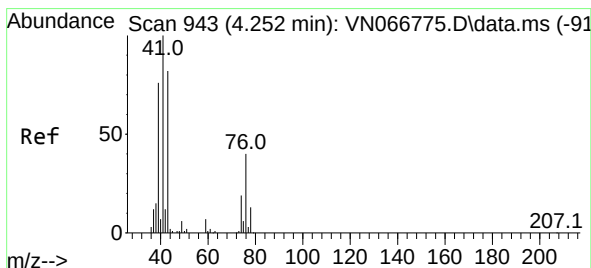
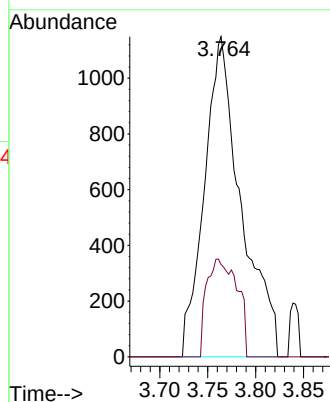
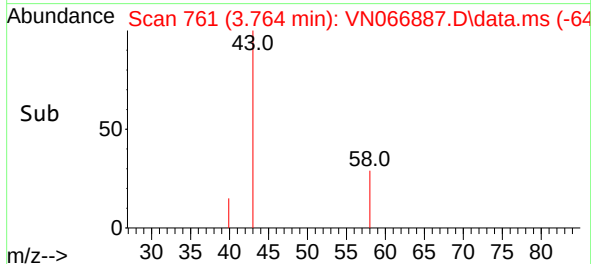


#16
Acetone
Concen: 1.94 ug/l
RT: 3.764 min Scan# 761
Delta R.T. 0.014 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

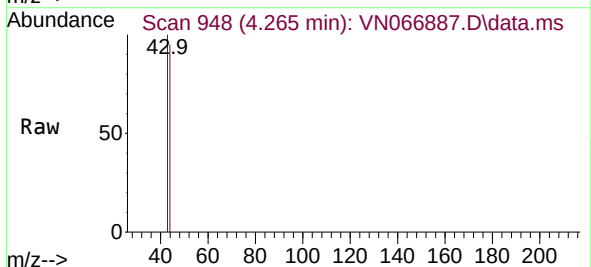
Instrument :
MSVOA_N
ClientSampled :



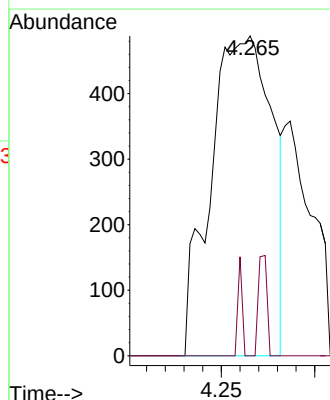
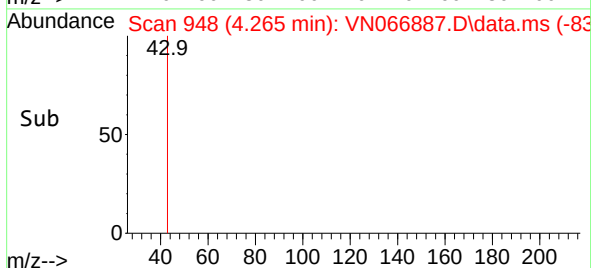
Tgt Ion: 43 Resp: 3054
Ion Ratio Lower Upper
43 100
58 28.9 27.0 40.6

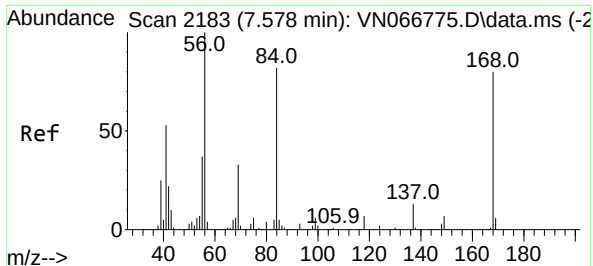


#18
Methyl Acetate
Concen: 1.37 ug/l
RT: 4.265 min Scan# 948
Delta R.T. 0.013 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05



Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
74 2.2 19.5 29.3#

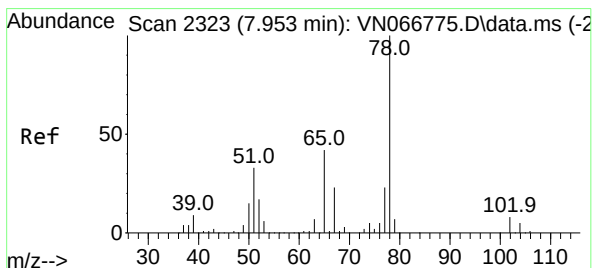
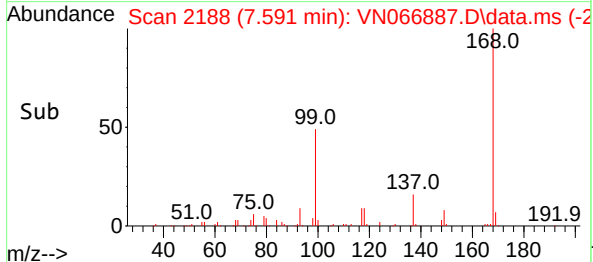
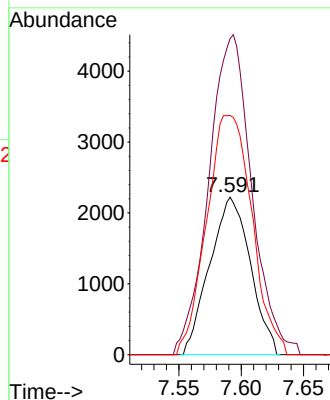
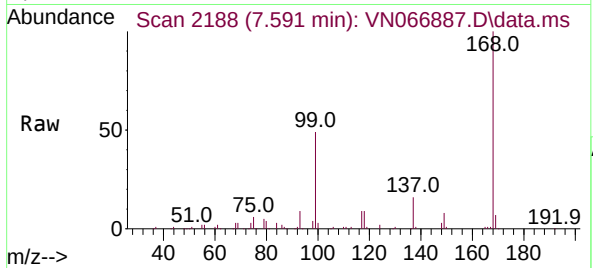




#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

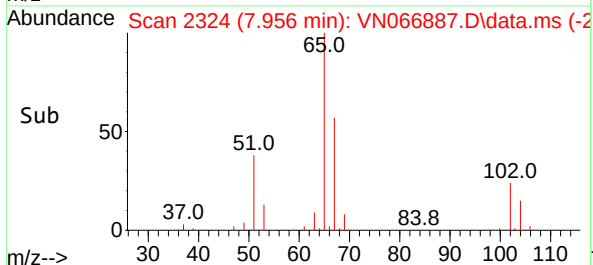
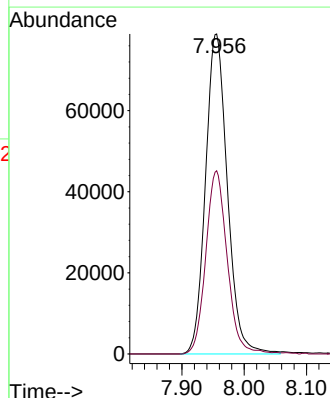
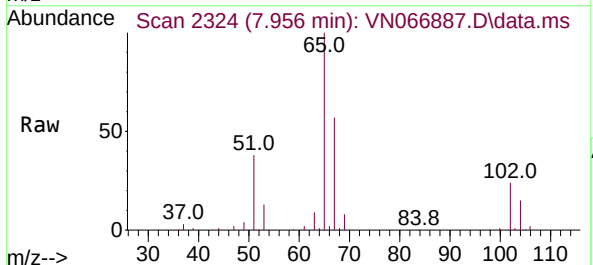
Instrument :
MSVOA_N
ClientSampled :

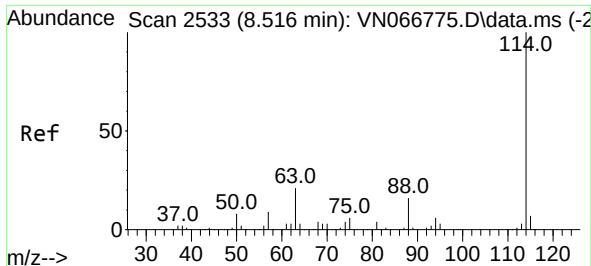
Tgt Ion: 56 Resp: 5056
Ion Ratio Lower Upper
56 100
69 191.0 26.6 39.8#
84 144.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.23 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

Tgt Ion: 65 Resp: 192626
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2

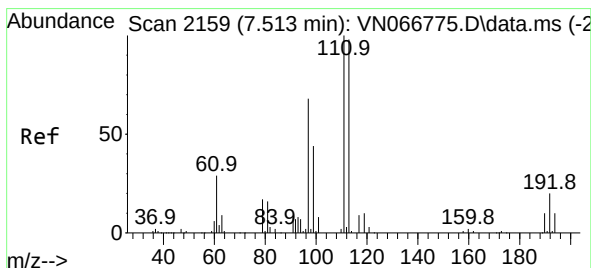
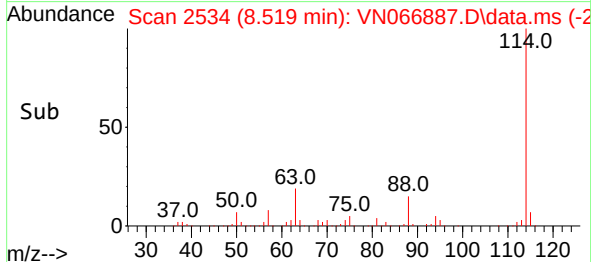
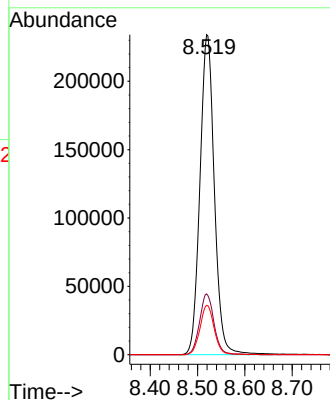
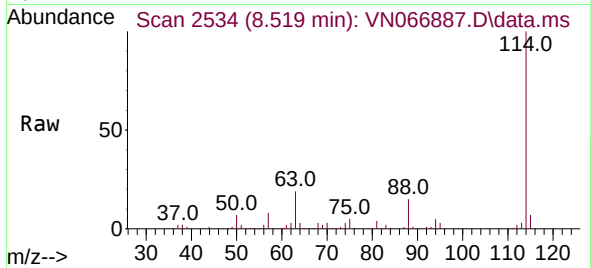




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

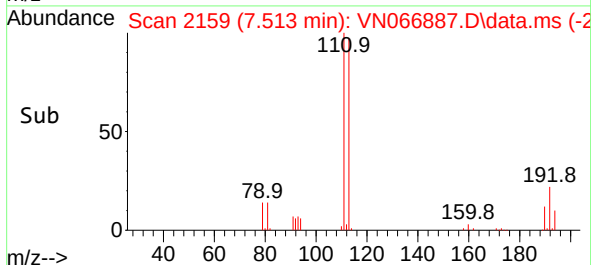
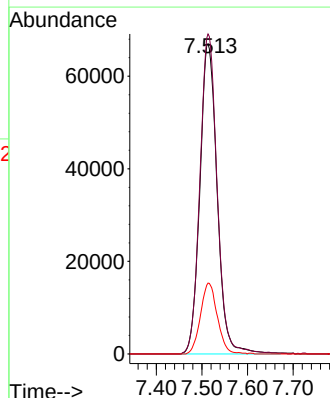
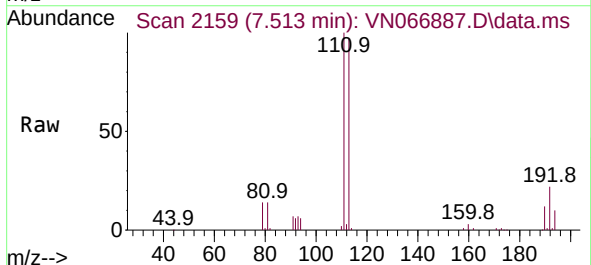
Instrument :
MSVOA_N
ClientSampled :

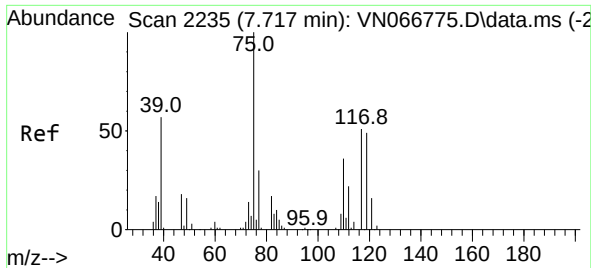
Tgt Ion:114 Resp: 495639
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.80 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

Tgt Ion:113 Resp: 176827
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 22.3 15.4 23.0

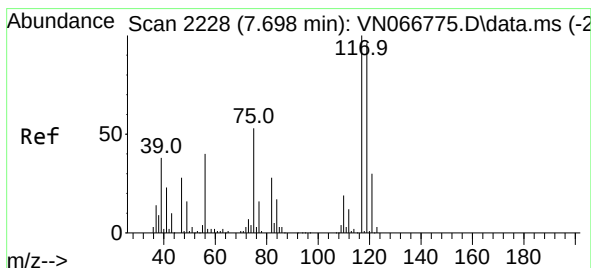
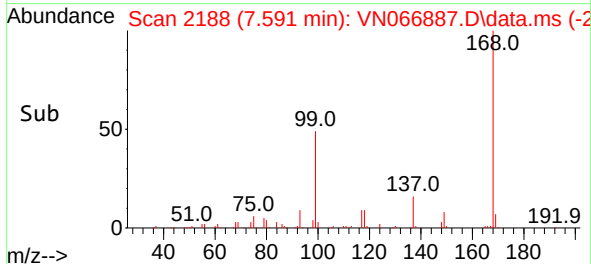
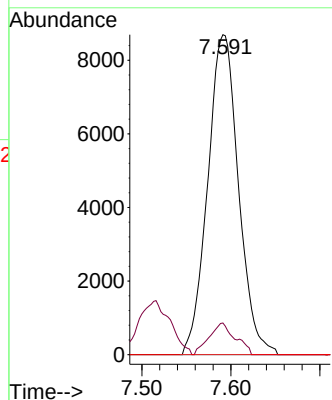
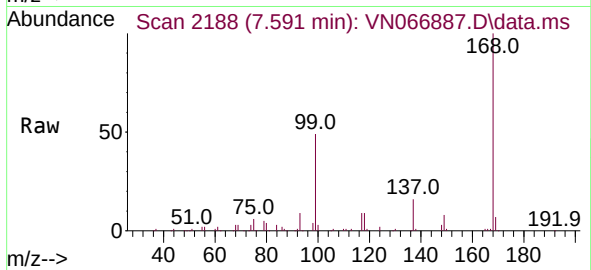




#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

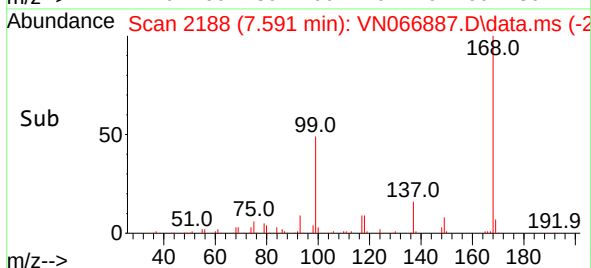
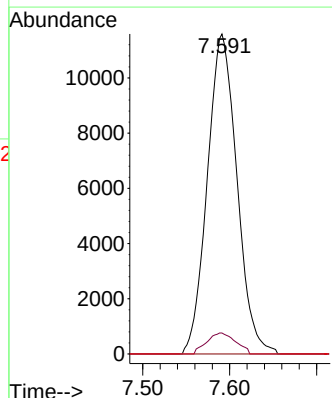
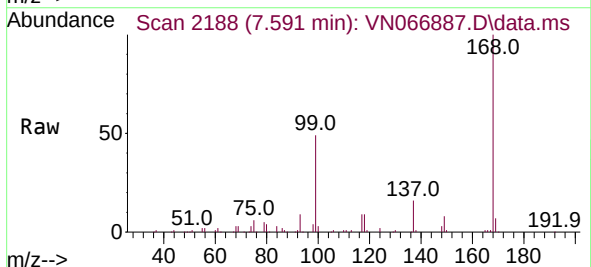
Instrument :
MSVOA_N
ClientSampled :

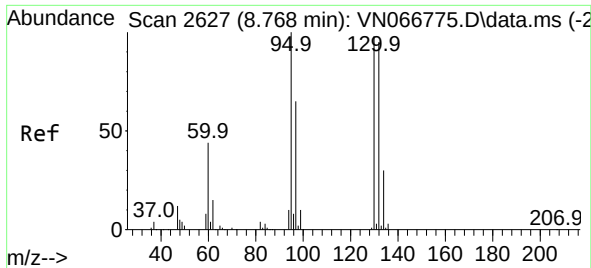
Tgt Ion: 75 Resp: 20938
Ion Ratio Lower Upper
75 100
110 8.4 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

Tgt Ion: 117 Resp: 27419
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.5 36.7#

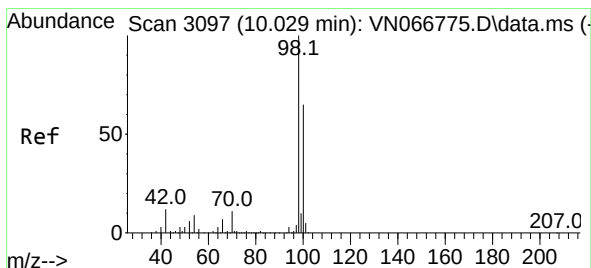
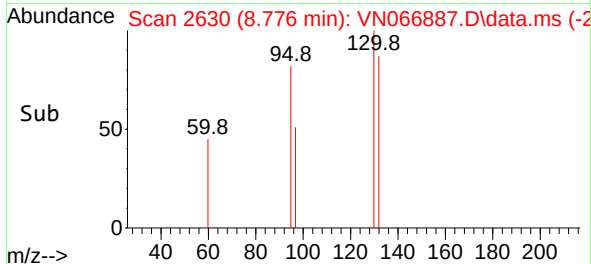
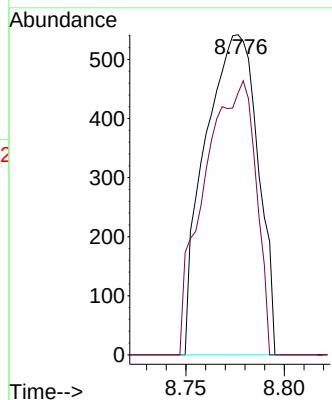
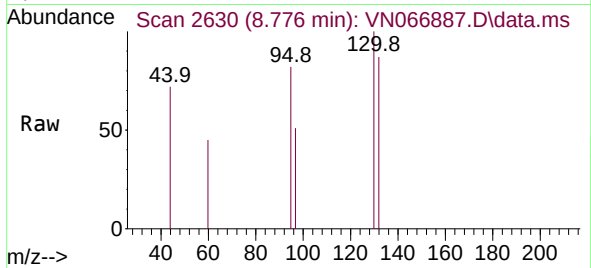




#44
Trichloroethene
Concen: 0.29 ug/l
RT: 8.776 min Scan# 2630
Delta R.T. 0.008 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

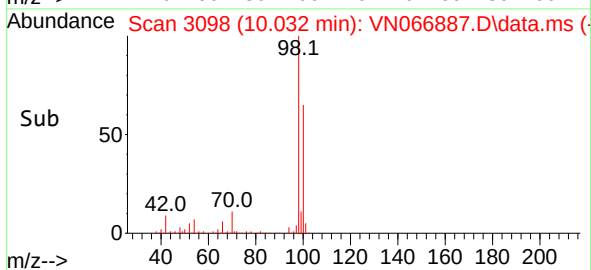
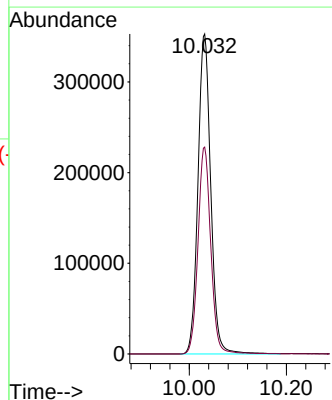
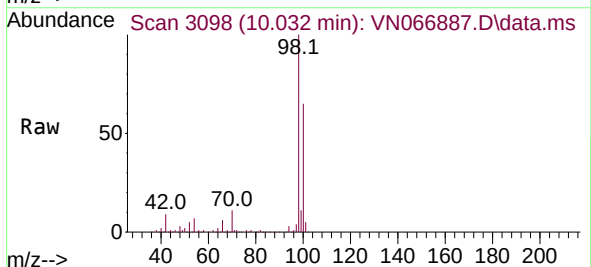
Instrument :
MSVOA_N
ClientSampled :

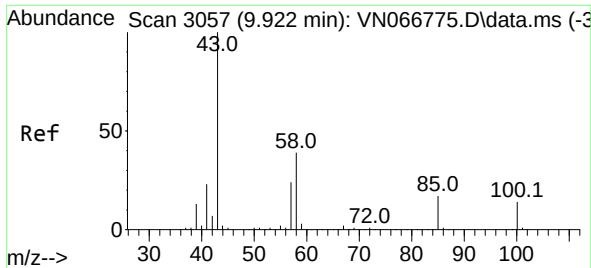
Tgt Ion:130 Resp: 1011
Ion Ratio Lower Upper
130 100
95 81.7 0.0 199.6



#50
Toluene-d8
Concen: 53.71 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

Tgt Ion: 98 Resp: 645019
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

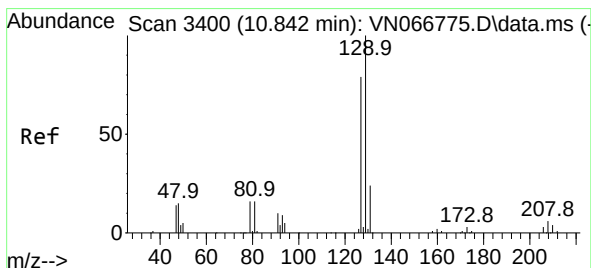
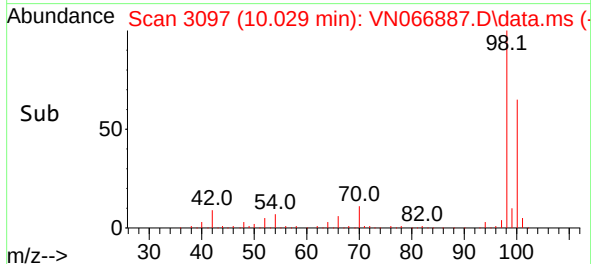
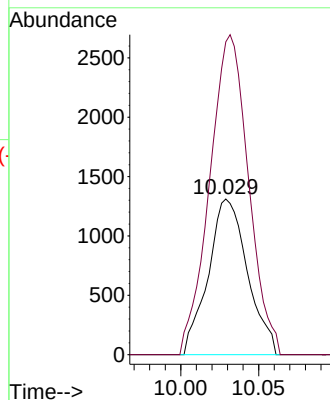
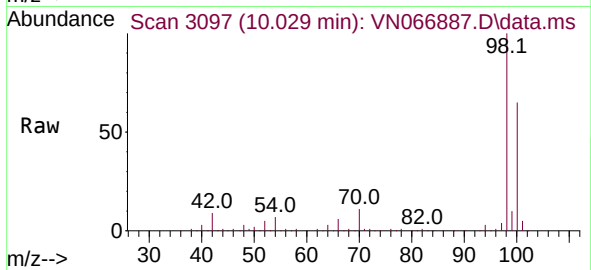




#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

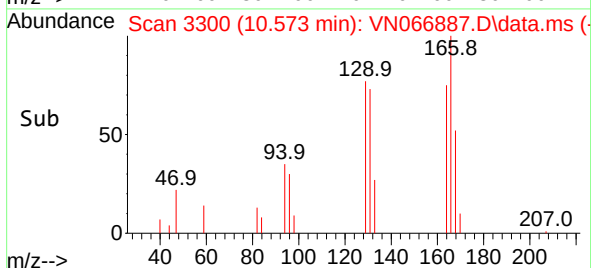
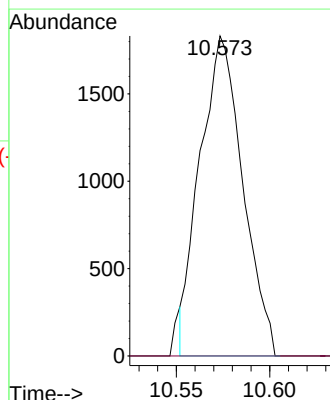
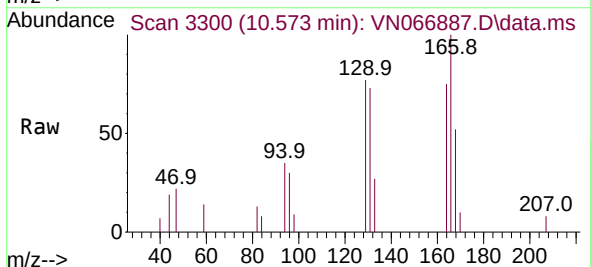
Instrument :
MSVOA_N
ClientSampled :

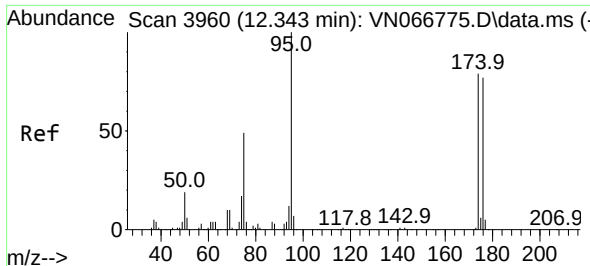
Tgt Ion: 43 Resp: 2298
Ion Ratio Lower Upper
43 100
58 203.5 32.5 48.7#



#60
Dibromochloromethane
Concen: 0.81 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

Tgt Ion: 129 Resp: 2923
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

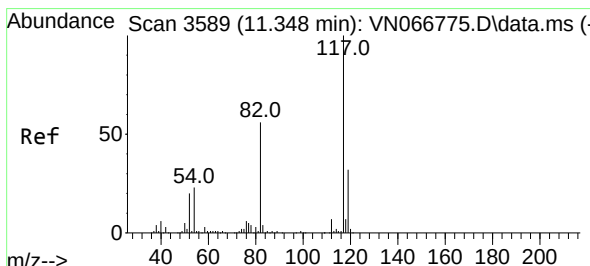
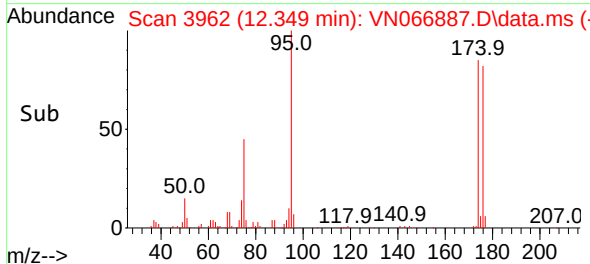
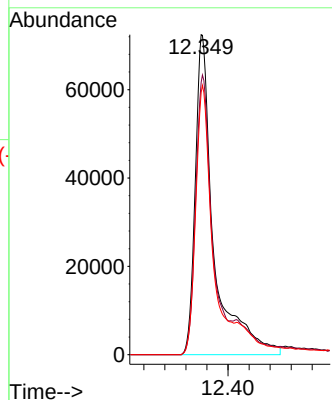
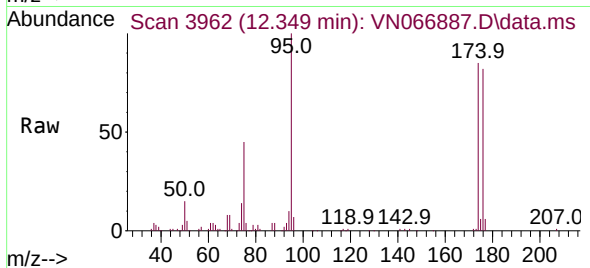




#62
4-Bromofluorobenzene
Concen: 44.00 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

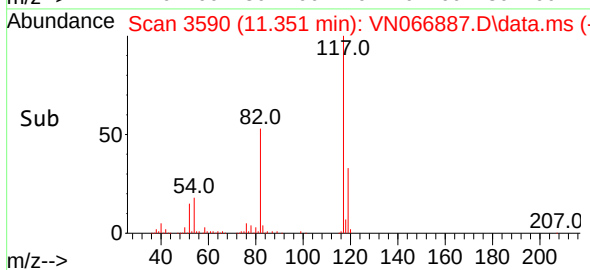
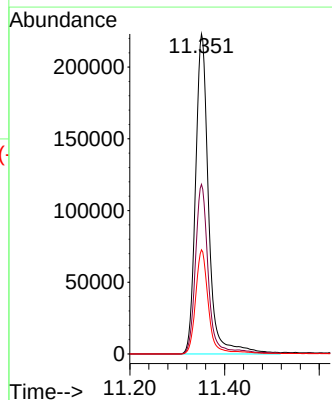
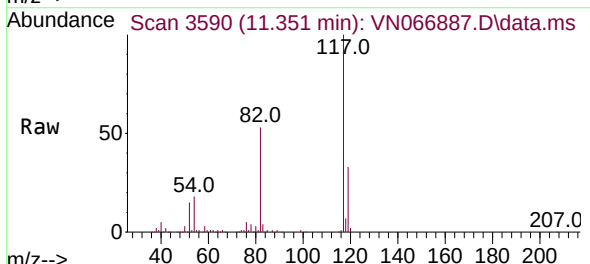
Instrument :
MSVOA_N
ClientSampleId :

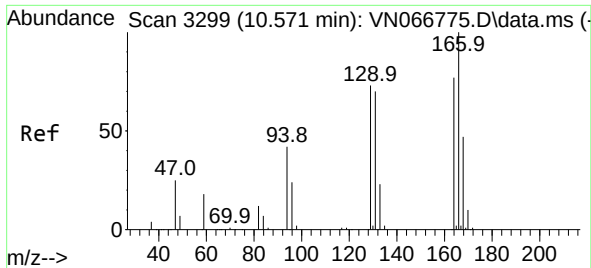
Tgt Ion: 95 Resp: 178779
Ion Ratio Lower Upper
95 100
174 76.0 0.0 169.0
176 72.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

Tgt Ion: 117 Resp: 428737
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 32.5 26.1 39.1

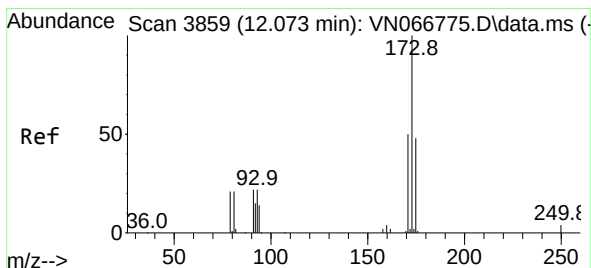
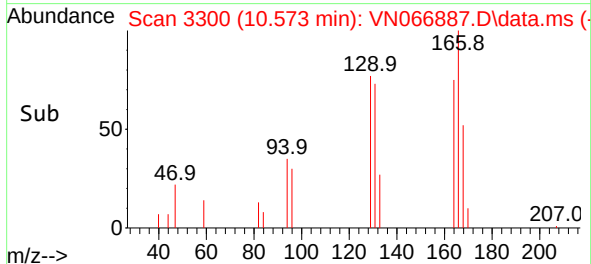
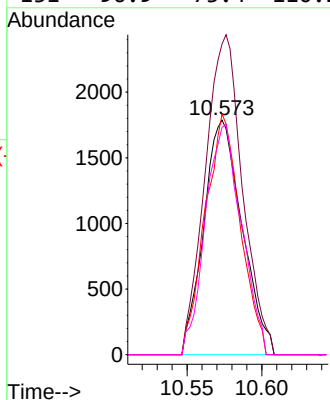
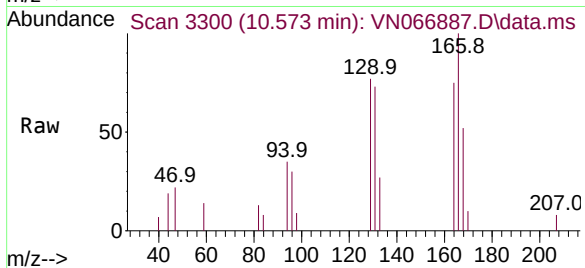




#64
Tetrachloroethene
Concen: 1.13 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

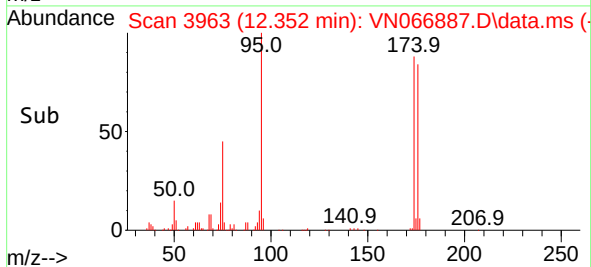
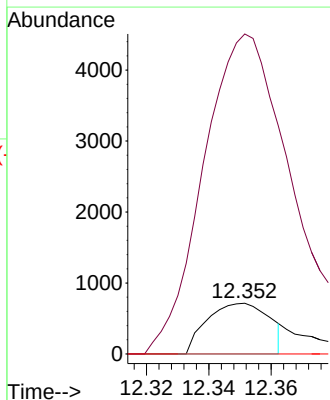
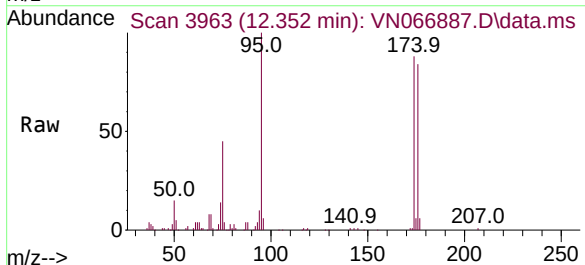
Instrument :
MSVOA_N
ClientSampleId :

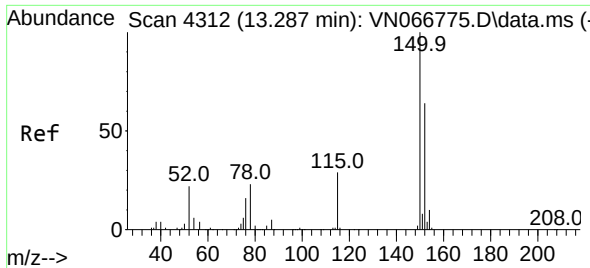
Tgt Ion:164	Resp:	3196
Ion Ratio	Lower	Upper
164	100	
166	132.5	102.6 154.0
129	102.5	76.2 114.4
131	96.9	73.4 110.2



#71
Bromoform
Concen: 0.43 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.279 min
Lab File: VN066887.D
Acq: 30 Apr 2021 2:05

Tgt Ion:173	Resp:	997
Ion Ratio	Lower	Upper
173	100	
175	695.6	23.8 71.2#
254	0.0	0.0 0.0

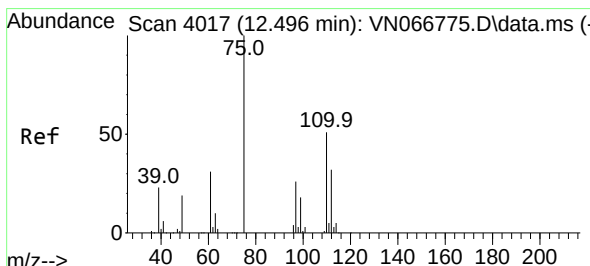
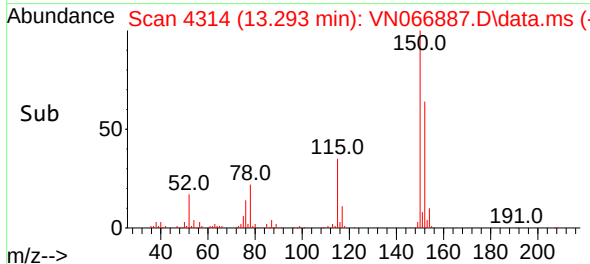
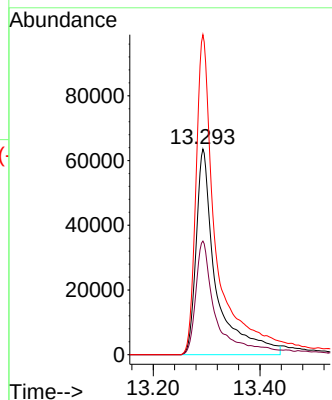
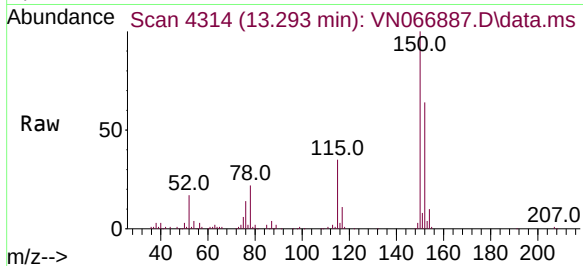




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066887.D
 Acq: 30 Apr 2021 2:05

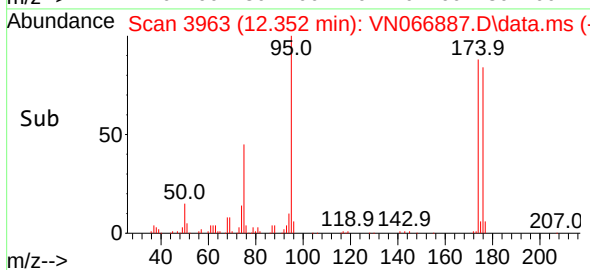
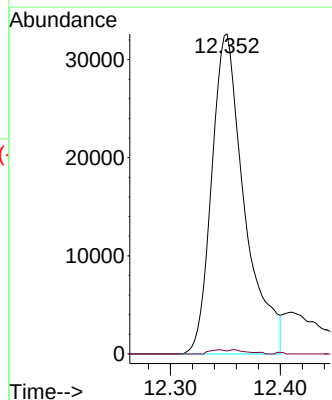
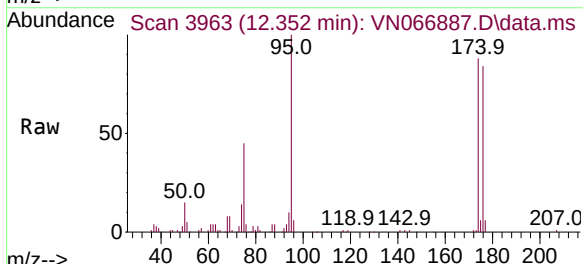
Instrument :
 MSVOA_N
 ClientSampled :

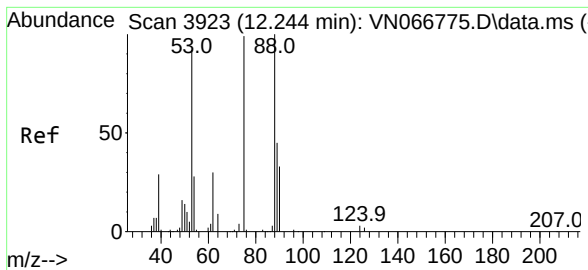
Tgt Ion:152 Resp: 165389
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.5 85.6
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 19.40 ug/l
 RT: 12.352 min Scan# 3963
 Delta R.T. -0.144 min
 Lab File: VN066887.D
 Acq: 30 Apr 2021 2:05

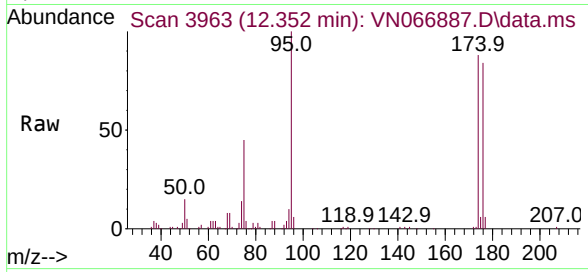
Tgt Ion: 75 Resp: 67620
 Ion Ratio Lower Upper
 75 100
 77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.61 ug/l
 RT: 12.352 min Scan# 3963
 Delta R.T. 0.108 min
 Lab File: VN066887.D
 Acq: 30 Apr 2021 2:05

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	67620
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	35.8	53.8#

