

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066855.D
 Acq On : 29 Apr 2021 11:34
 Operator : JC/MD
 Sample : VN0429WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:13:54 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)

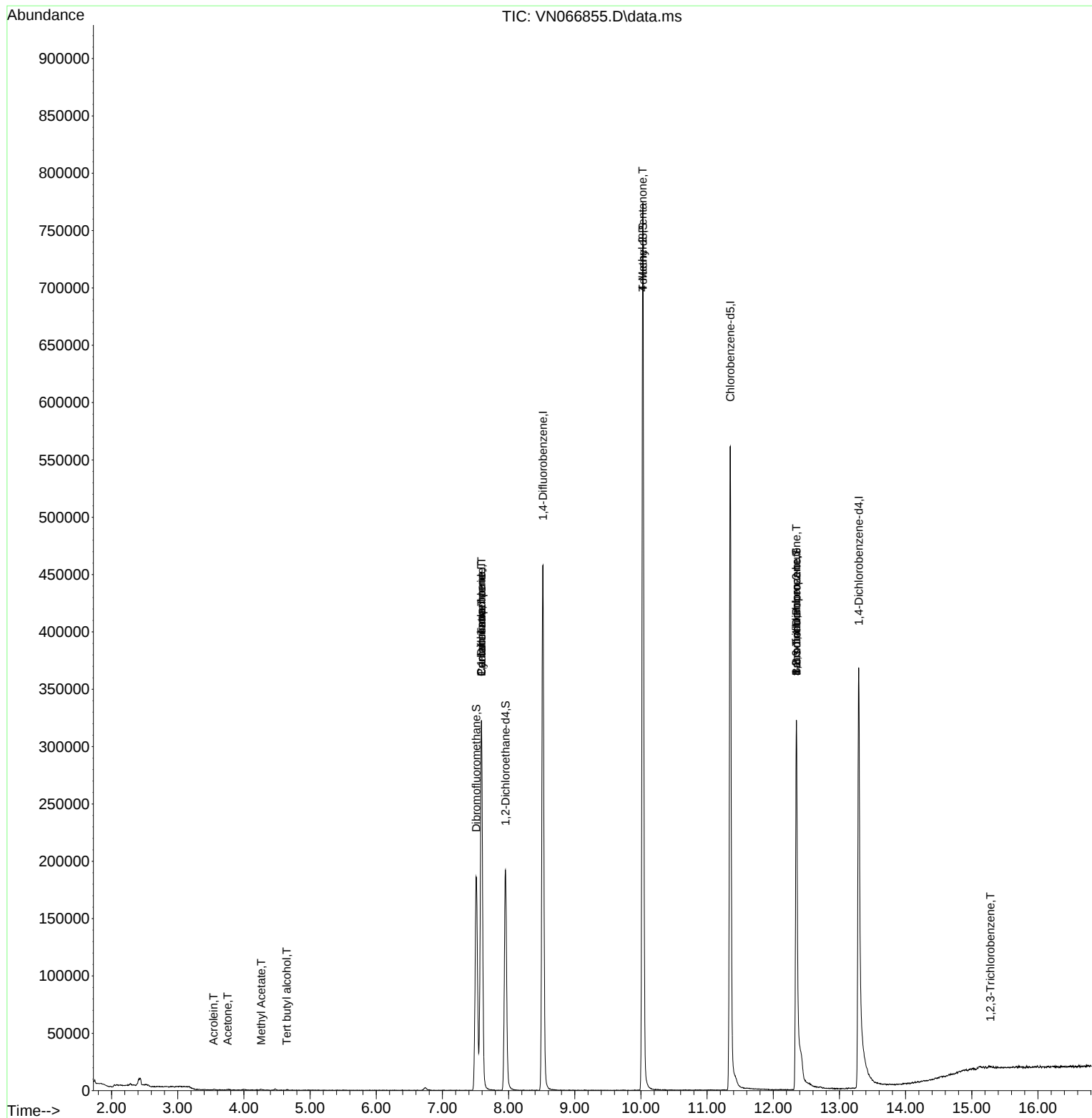
Internal Standards						
1) Pentafluorobenzene	7.591	168	291953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	441894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	390603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	162651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	168446	44.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.82%			
35) Dibromofluoromethane	7.511	113	148899	54.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.18%			
50) Toluene-d8	10.029	98	558750	52.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.38%			
62) 4-Bromofluorobenzene	12.349	95	160741	44.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.74%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.649	59	220	0.38	ug/l #	73
13) Acrolein	3.541	56	236	0.49	ug/l #	56
16) Acetone	3.756	43	603	0.43	ug/l #	41
18) Methyl Acetate	4.263	43	1841	1.59	ug/l #	56
31) Cyclohexane	7.591	56	4660	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	18909	4.61	ug/l #	47
38) Carbon Tetrachloride	7.591	117	24075	6.11	ug/l #	17
51) 4-Methyl-2-Pentanone	10.026	43	1985	0.53	ug/l #	1
71) Bromoform	12.349	173	898	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	66254	19.33	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	66254	53.44	ug/l #	12
96) 1,2,3-Trichlorobenzene	15.280	180	910	0.34	ug/l #	69

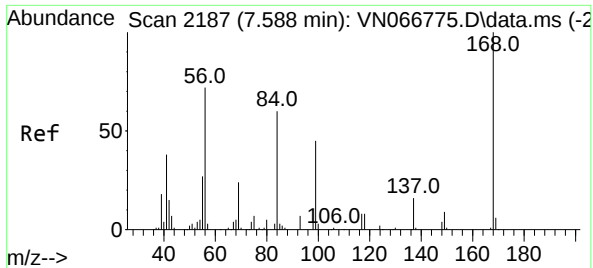
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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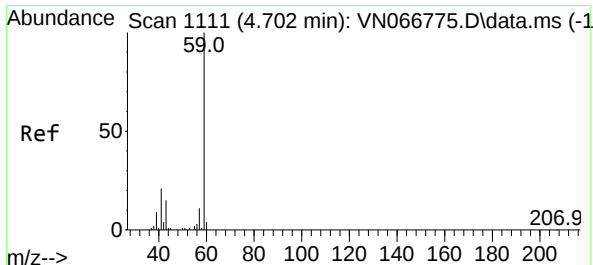
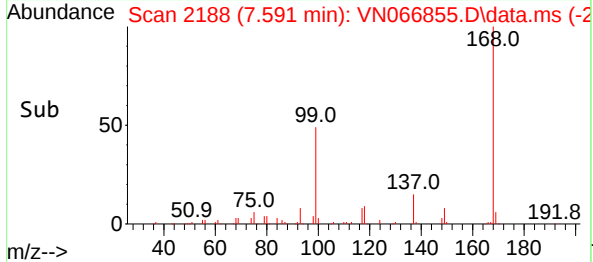
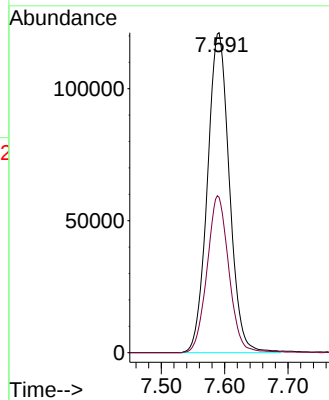
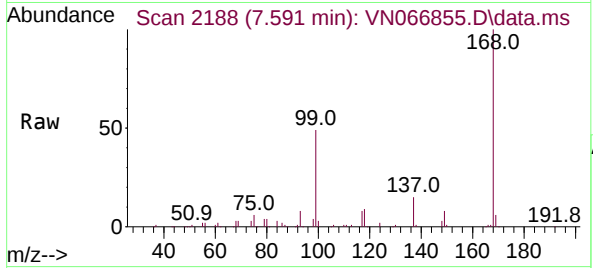




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

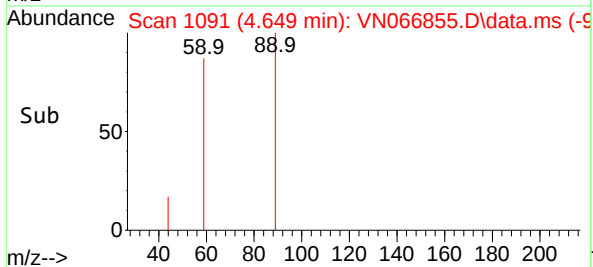
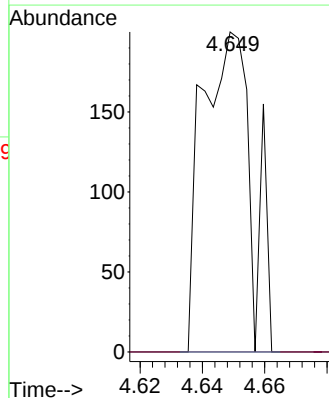
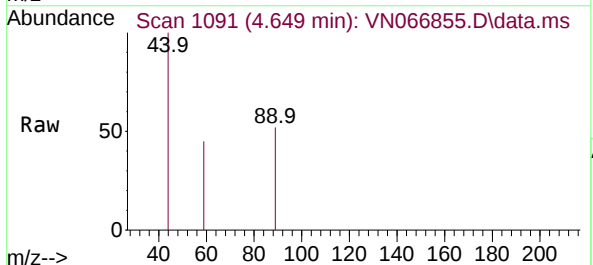
Instrument :
MSVOA_N
ClientSampled :

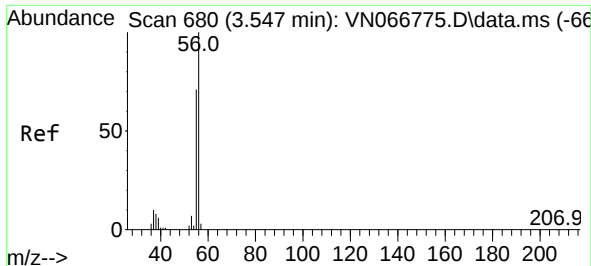
Tgt Ion:168 Resp: 291953
Ion Ratio Lower Upper
168 100
99 48.6 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.38 ug/l
RT: 4.649 min Scan# 1091
Delta R.T. -0.053 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

Tgt Ion: 59 Resp: 220
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

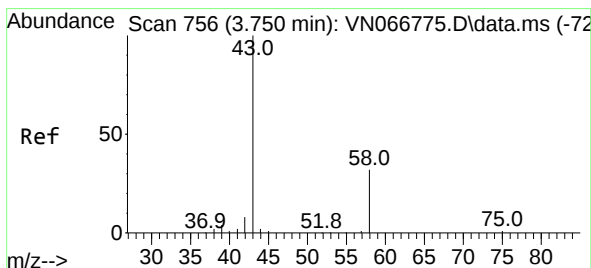
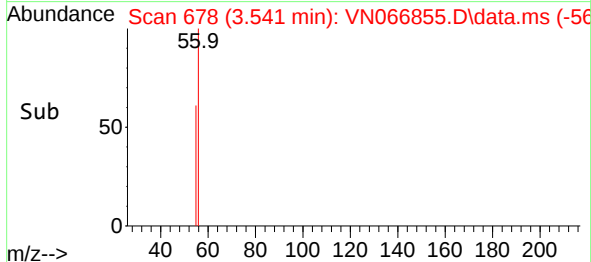
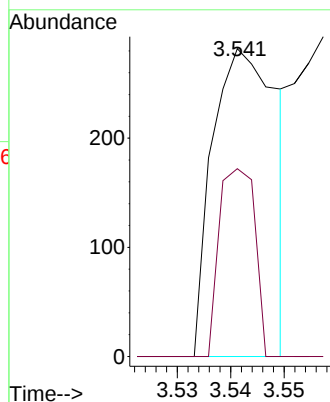
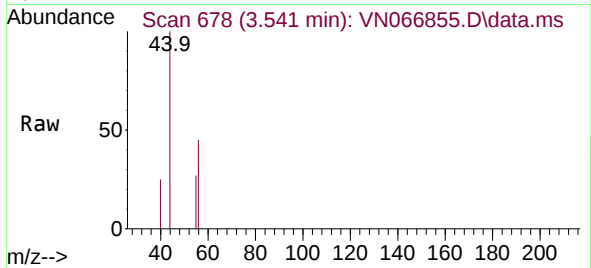




#13
Acrolein
Concen: 0.49 ug/l
RT: 3.541 min Scan# 678
Delta R.T. -0.006 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

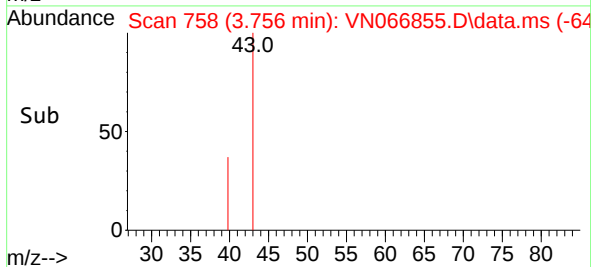
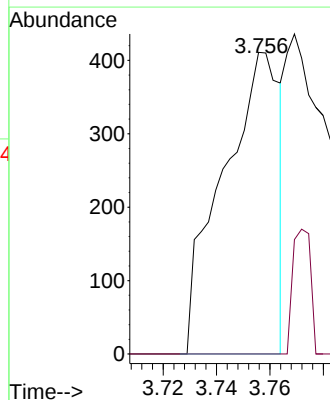
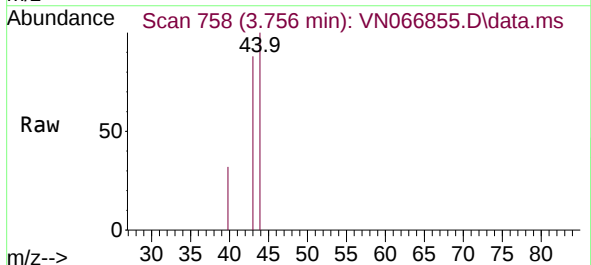
Instrument :
MSVOA_N
ClientSampled :

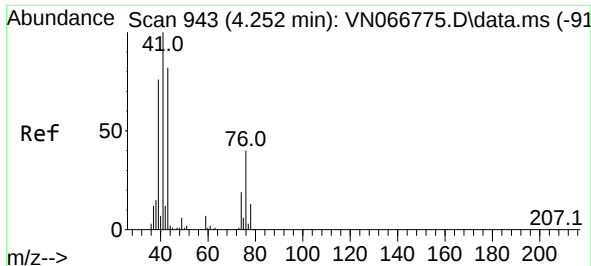
Tgt Ion: 56 Resp: 236
Ion Ratio Lower Upper
56 100
55 33.9 56.0 84.0#



#16
Acetone
Concen: 0.43 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#18

Methyl Acetate

Concen: 1.59 ug/l

RT: 4.263 min Scan# 947

Delta R.T. 0.011 min

Lab File: VN066855.D

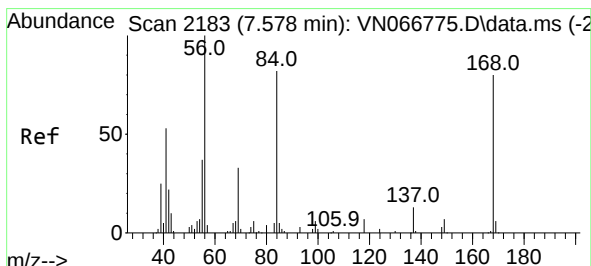
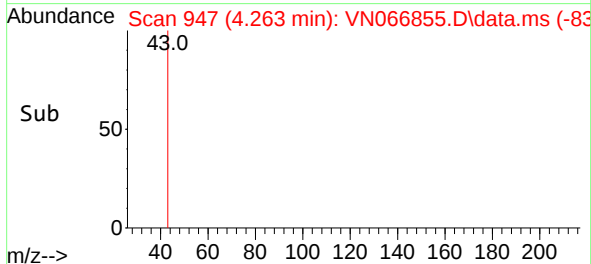
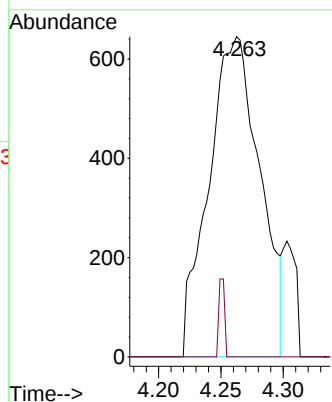
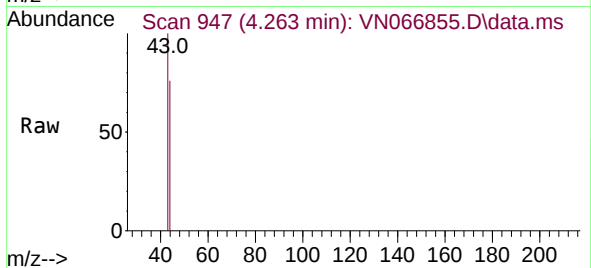
Acq: 29 Apr 2021 11:34

Tgt Ion: 43 Resp: 1841

Ion Ratio Lower Upper

43 100

74 2.8 19.5 29.3#



#31

Cyclohexane

Concen: 0.80 ug/l

RT: 7.591 min Scan# 2188

Delta R.T. 0.013 min

Lab File: VN066855.D

Acq: 29 Apr 2021 11:34

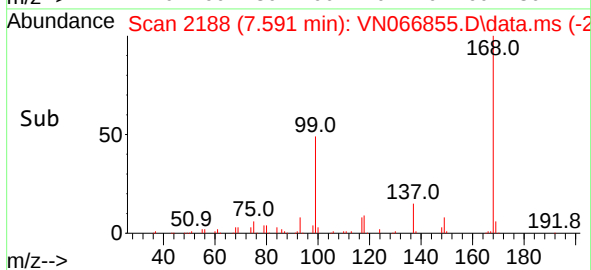
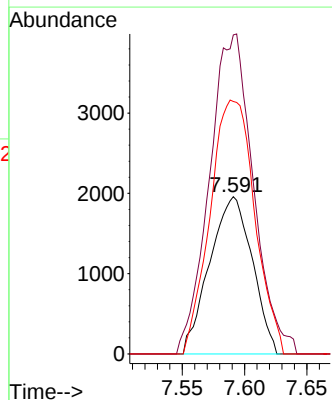
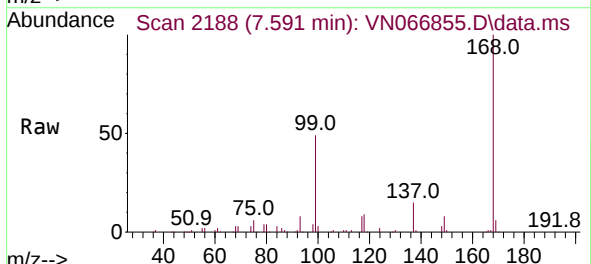
Tgt Ion: 56 Resp: 4660

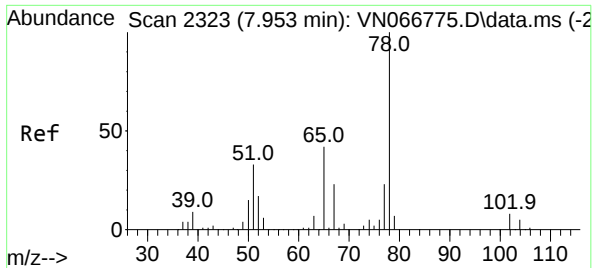
Ion Ratio Lower Upper

56 100

69 194.5 26.6 39.8#

84 160.5 70.4 105.6#

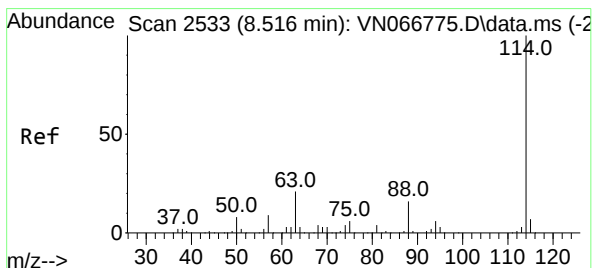
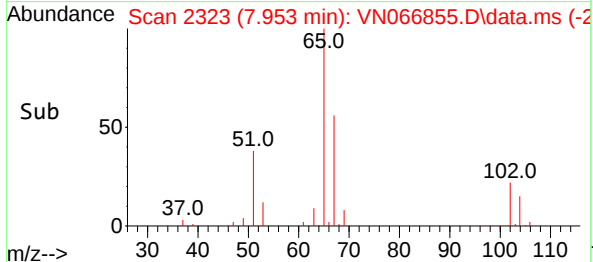
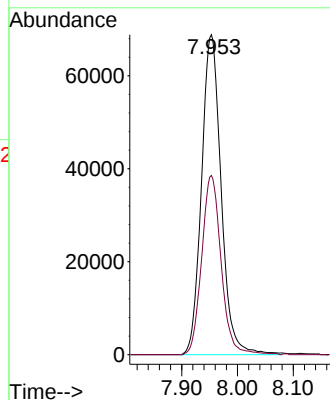
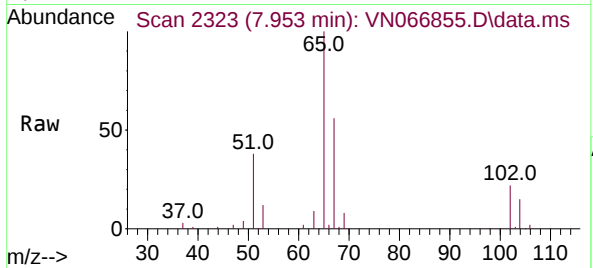




#33
 1,2-Dichloroethane-d4
 Concen: 44.91 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: VN066855.D
 Acq: 29 Apr 2021 11:34

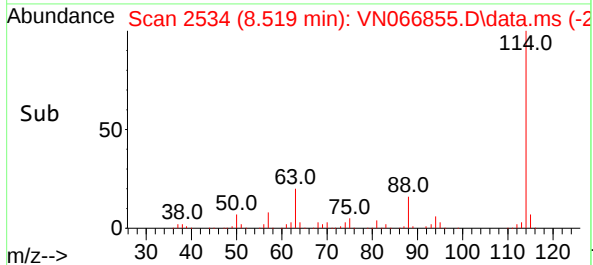
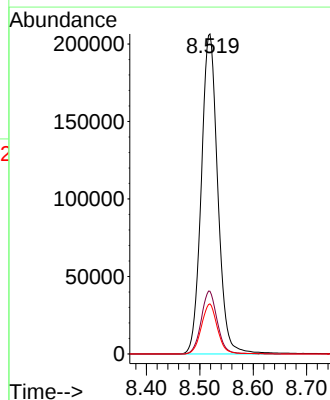
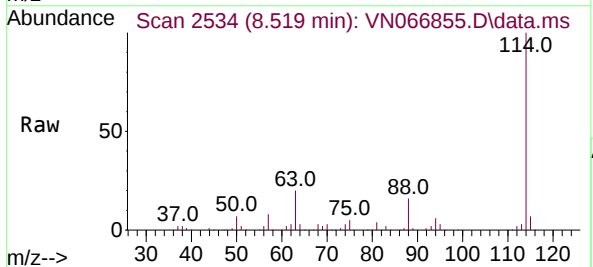
Instrument :
 MSVOA_N
 ClientSampled :

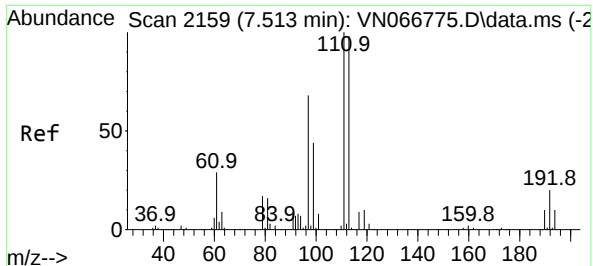
Tgt Ion: 65 Resp: 168446
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066855.D
 Acq: 29 Apr 2021 11:34

Tgt Ion: 114 Resp: 441894
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.6 0.0 30.6

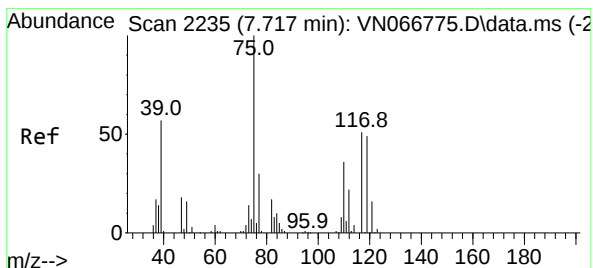
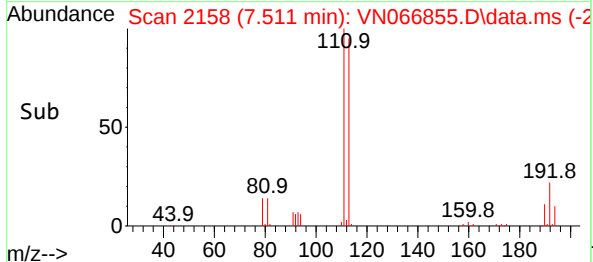
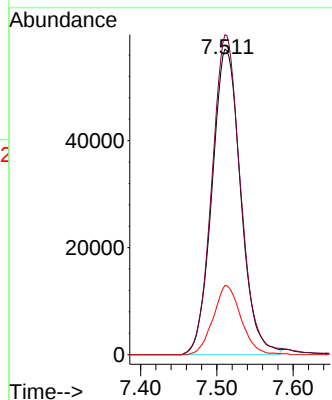
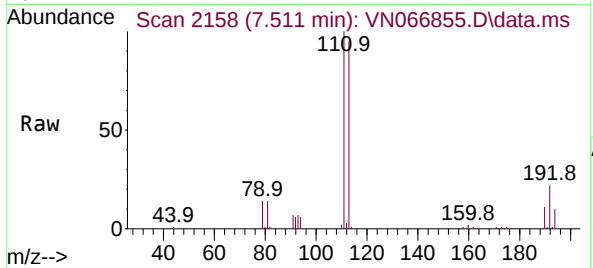




#35
Dibromofluoromethane
Concen: 54.59 ug/l
RT: 7.511 min Scan# 2158
Delta R.T. -0.002 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

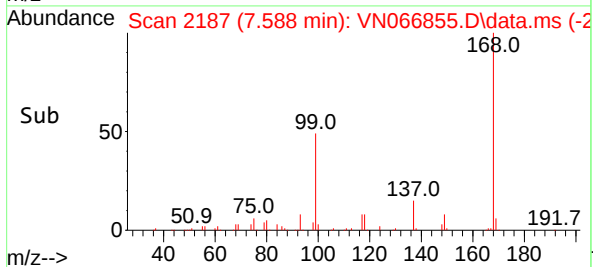
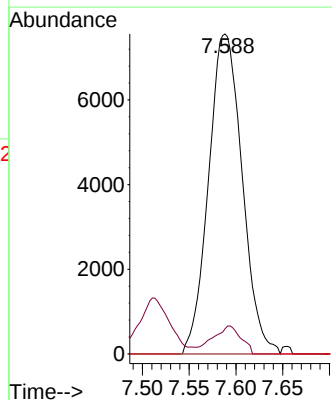
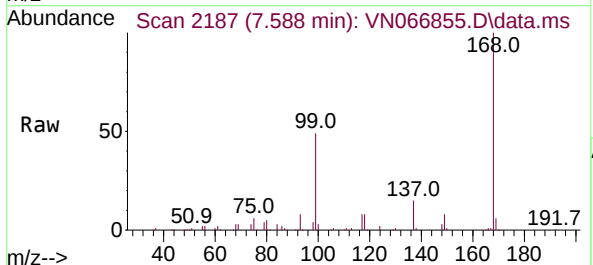
Instrument :
MSVOA_N
ClientSampleId :

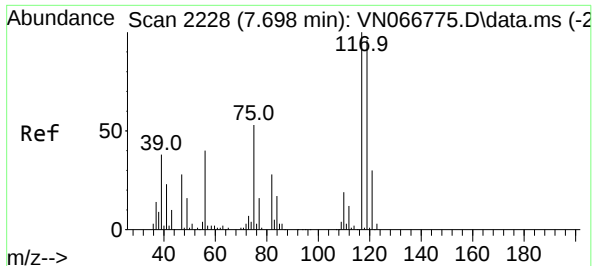
Tgt Ion:113 Resp: 148899
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.2
192 21.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

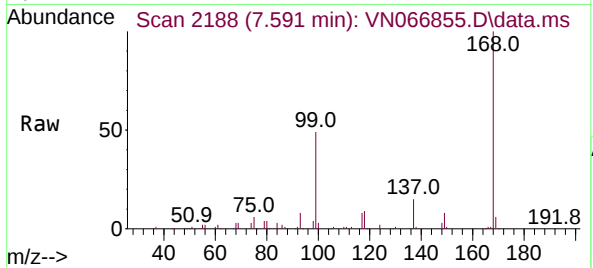
Tgt Ion: 75 Resp: 18909
Ion Ratio Lower Upper
75 100
110 7.3 18.2 54.6#
77 0.0 24.9 37.3#



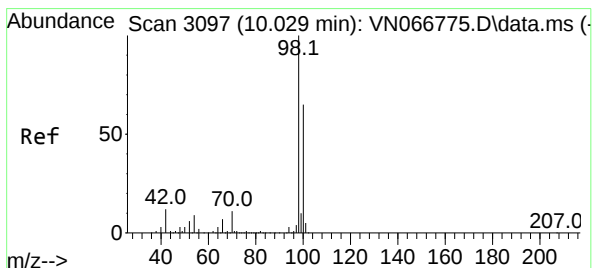
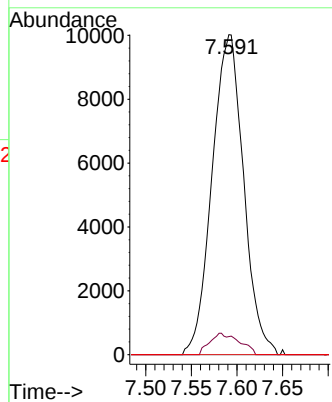
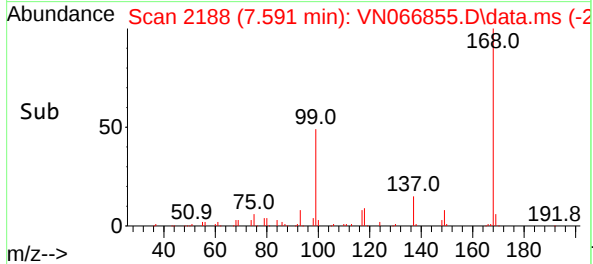


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

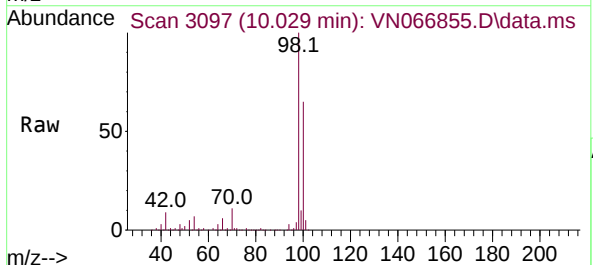
Instrument :
MSVOA_N
ClientSampleId :



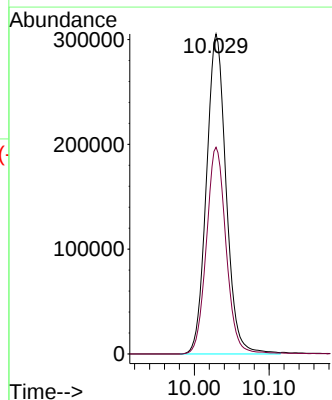
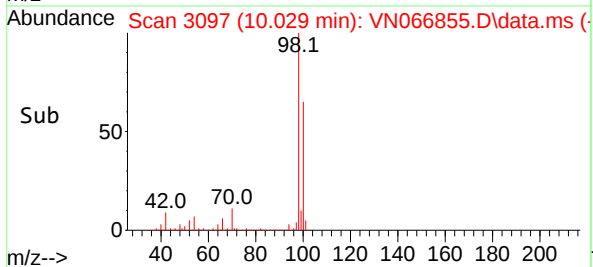
Tgt Ion:117 Resp: 24075
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#

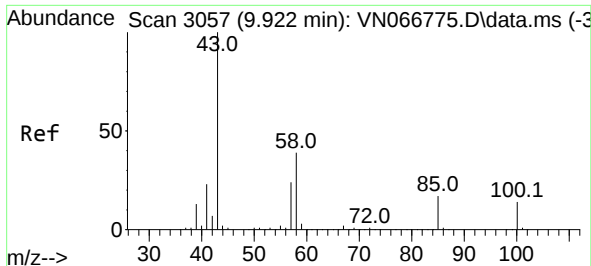


#50
Toluene-d8
Concen: 52.19 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34



Tgt Ion: 98 Resp: 558750
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

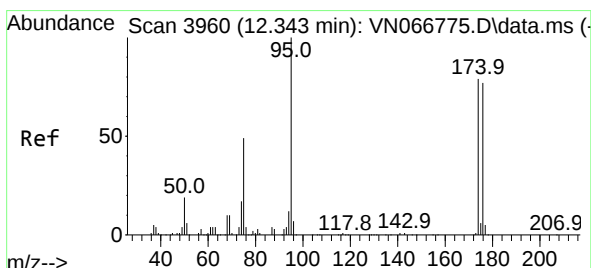
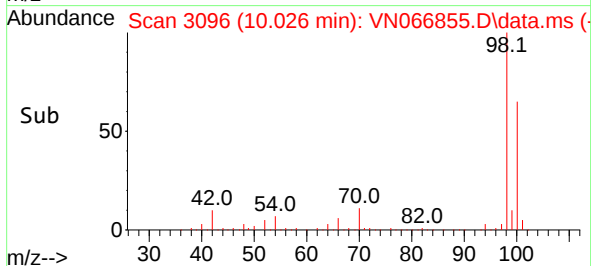
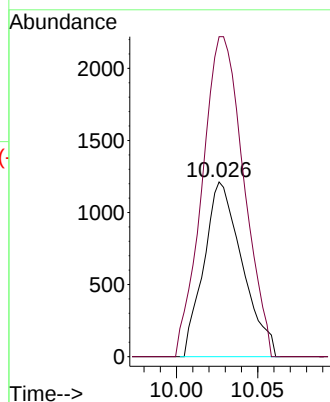
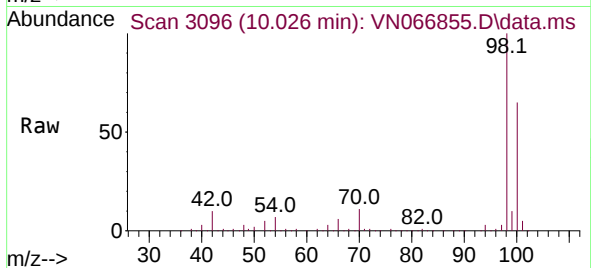




#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. 0.104 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

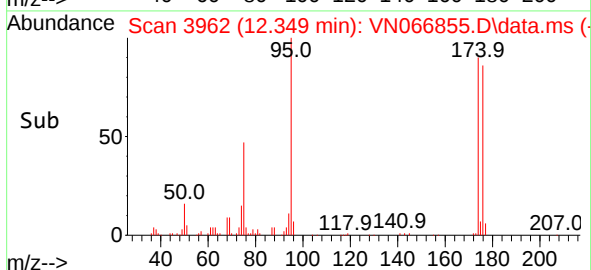
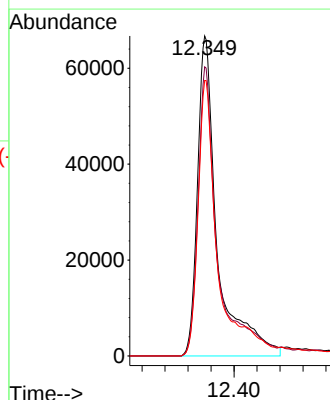
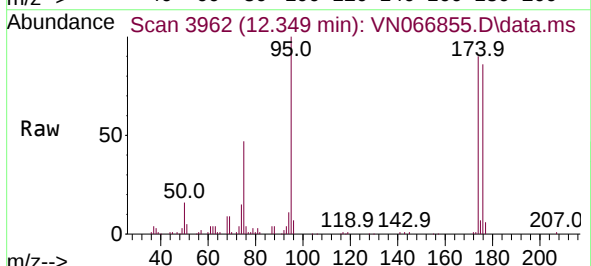
Instrument :
MSVOA_N
ClientSampled :

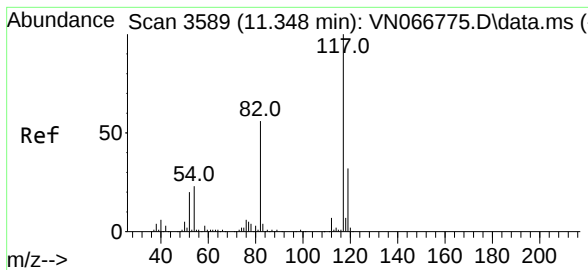
Tgt Ion: 43 Resp: 1985
Ion Ratio Lower Upper
43 100
58 198.7 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 44.37 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

Tgt Ion: 95 Resp: 160741
Ion Ratio Lower Upper
95 100
174 88.4 0.0 169.0
176 76.3 0.0 162.4

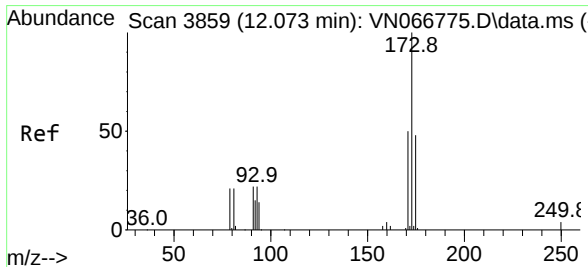
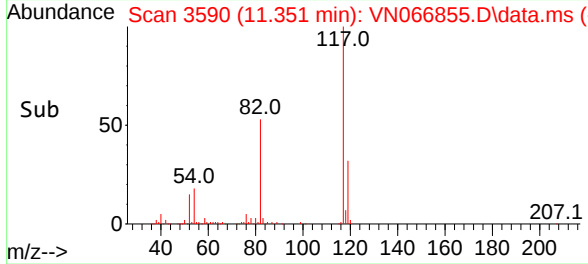
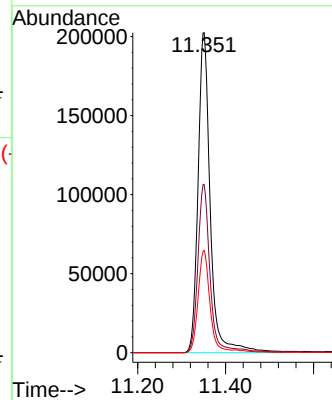
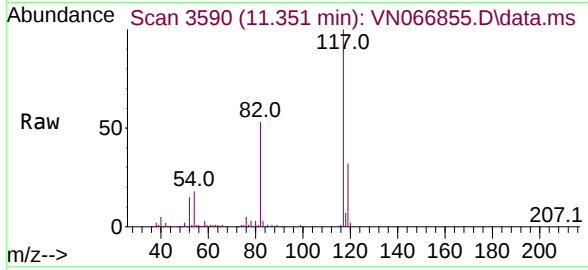




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

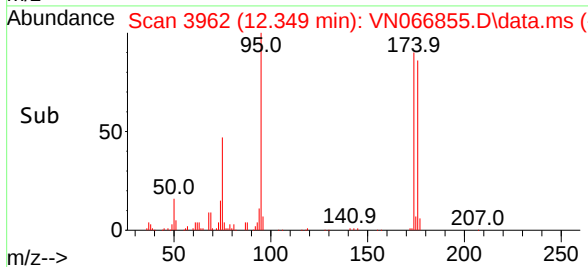
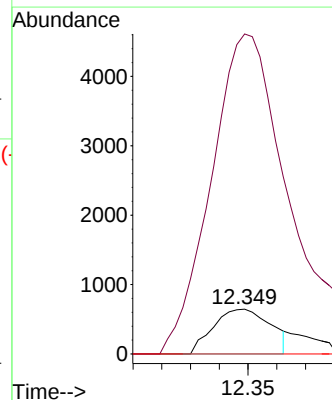
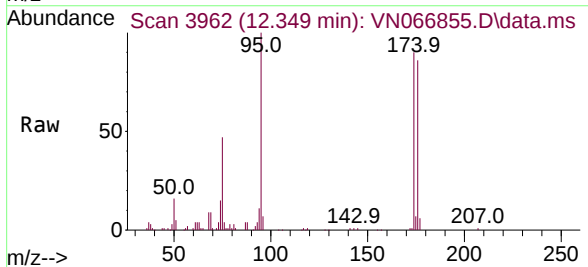
Instrument :
MSVOA_N
ClientSampled :

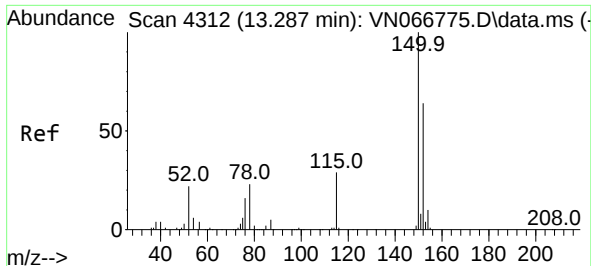
Tgt Ion:117 Resp: 390603
Ion Ratio Lower Upper
117 100
82 52.6 43.7 65.5
119 32.0 26.1 39.1



#71
Bromoform
Concen: 0.42 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

Tgt Ion:173 Resp: 898
Ion Ratio Lower Upper
173 100
175 779.4 23.8 71.2#
254 0.0 0.0 0.0

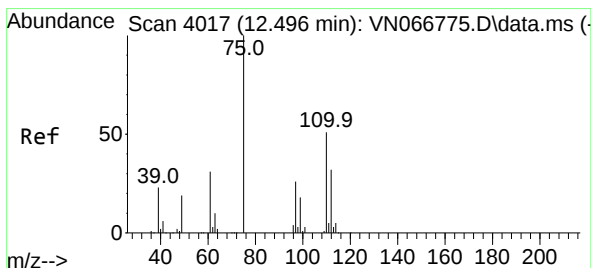
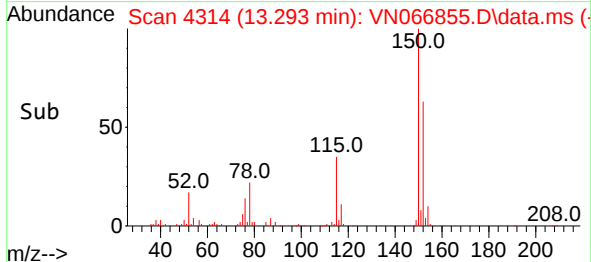
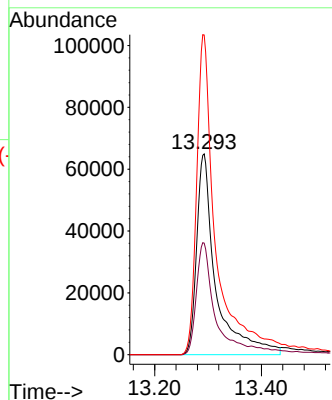
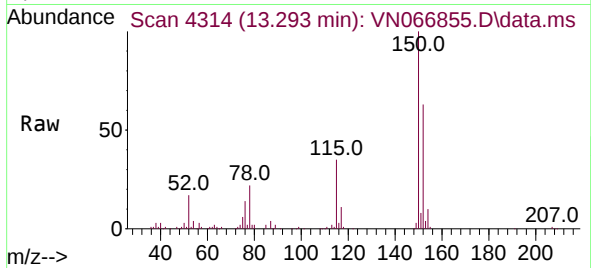




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066855.D
 Acq: 29 Apr 2021 11:34

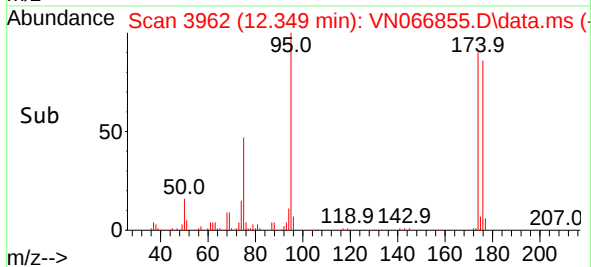
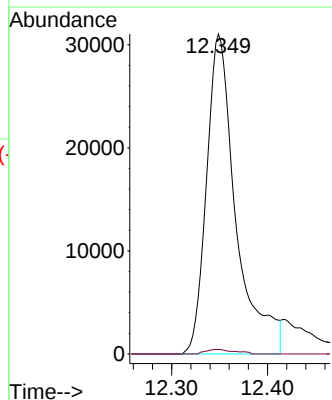
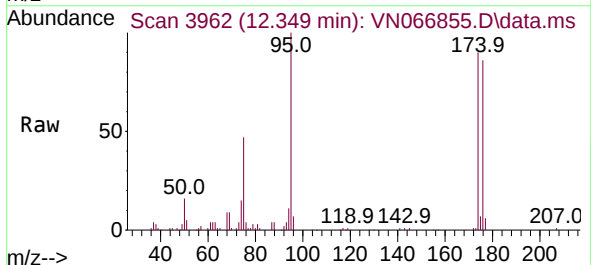
Instrument :
 MSVOA_N
 ClientSampled :

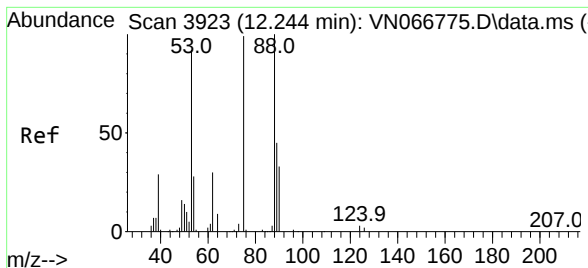
Tgt Ion:152 Resp: 162651
 Ion Ratio Lower Upper
 152 100
 115 52.2 28.5 85.6
 150 161.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 19.33 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. -0.147 min
 Lab File: VN066855.D
 Acq: 29 Apr 2021 11:34

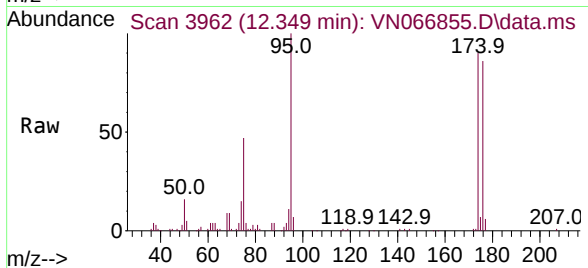
Tgt Ion: 75 Resp: 66254
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



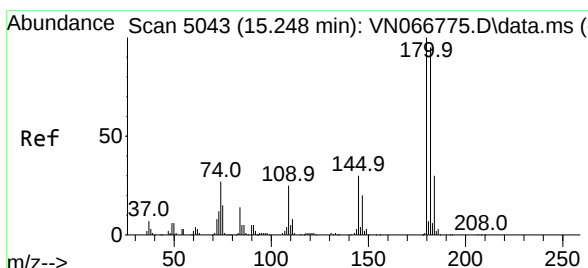
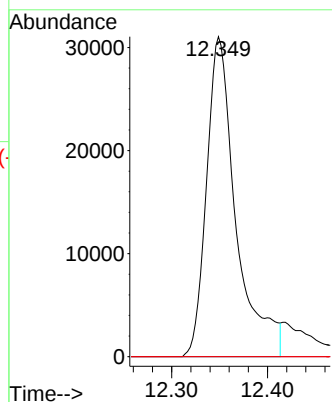
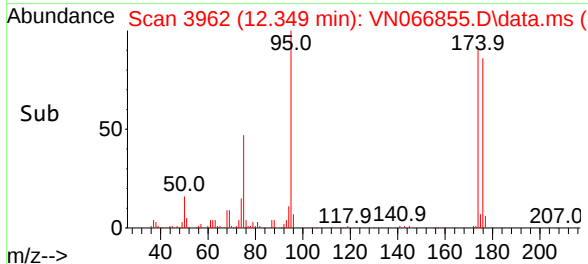


#81
trans-1,4-Dichloro-2-butene
Concen: 53.44 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34

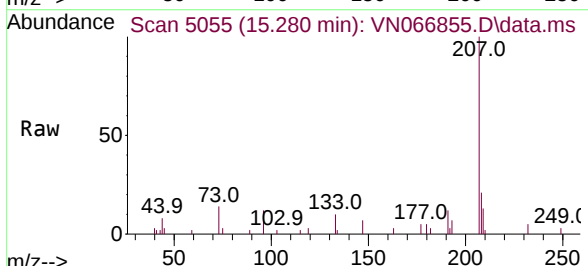
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 66254
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.34 ug/l
RT: 15.280 min Scan# 5055
Delta R.T. 0.032 min
Lab File: VN066855.D
Acq: 29 Apr 2021 11:34



Tgt Ion: 180 Resp: 910
Ion Ratio Lower Upper
180 100
182 71.0 47.4 142.3
145 5.5 16.5 49.5#

