

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066025.D
 Acq On : 25 Feb 2021 14:09
 Operator : JC/MD
 Sample : M1484-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 26 01:19:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

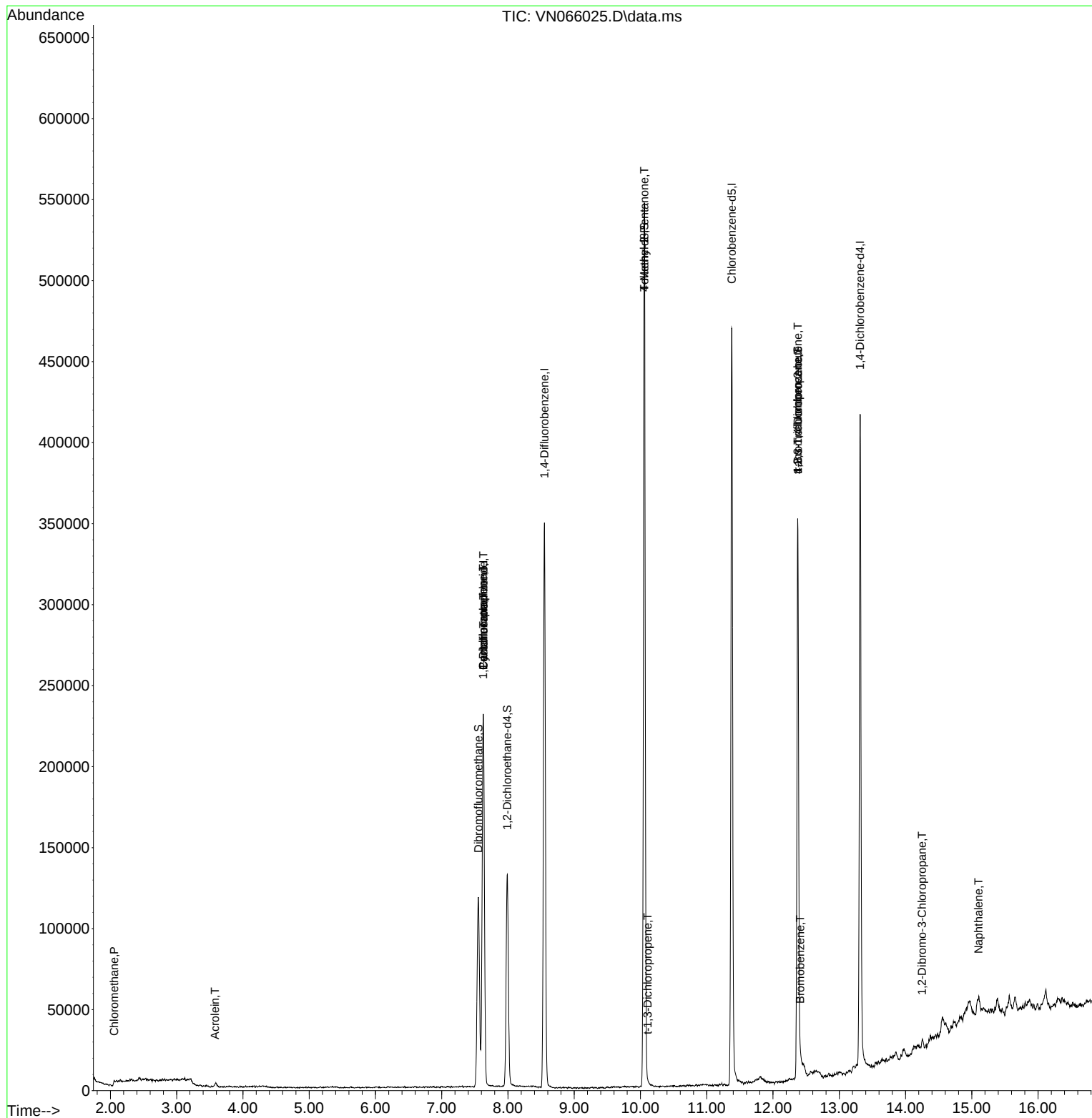
Internal Standards						
1) Pentafluorobenzene	7.627	168	193460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	327723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	296280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	119337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	117001	43.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.50%		
35) Dibromofluoromethane	7.553	113	96306	47.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.96%		
50) Toluene-d8	10.058	98	404567	48.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.18%		
62) 4-Bromofluorobenzene	12.373	95	142954	45.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.48%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	1521	0.48	ug/l #	88
13) Acrolein	3.576	56	1021	2.97	ug/l #	1
31) Cyclohexane	7.627	56	3418	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15132	4.68	ug/l #	48
38) Carbon Tetrachloride	7.627	117	18715	6.23	ug/l #	16
51) 4-Methyl-2-Pentanone	10.058	43	1720	0.61	ug/l #	1
53) t-1,3-Dichloropropene	10.109	75	30	1.99	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	66814	23.31	ug/l #	100
77) Bromobenzene	12.412	156	4099	1.84	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.373	75	66814	74.27	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.251	75	160	1.13	ug/l #	1
95) Naphthalene	15.103	128	3225	3.49	ug/l #	81

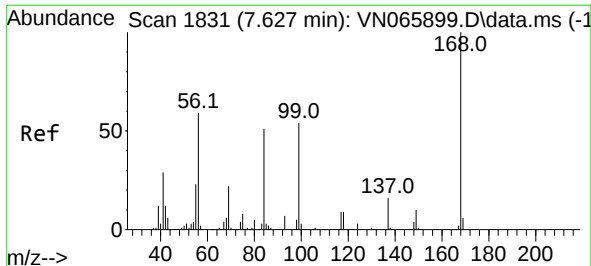
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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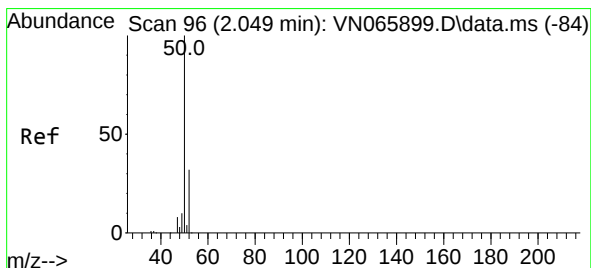
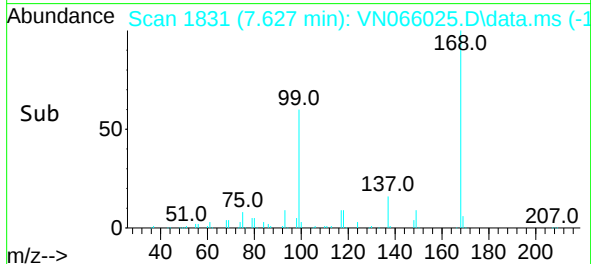
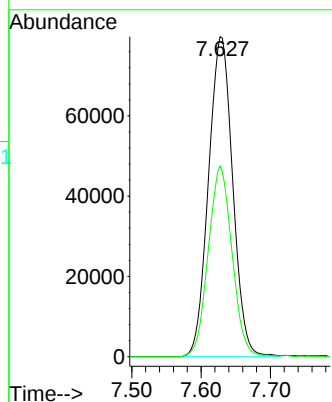
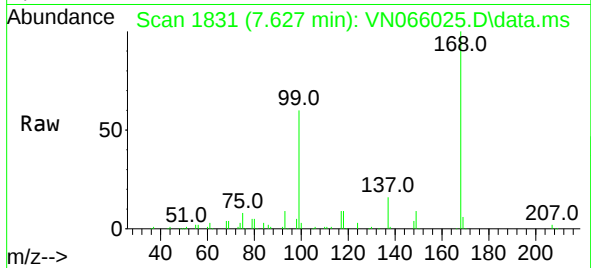




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

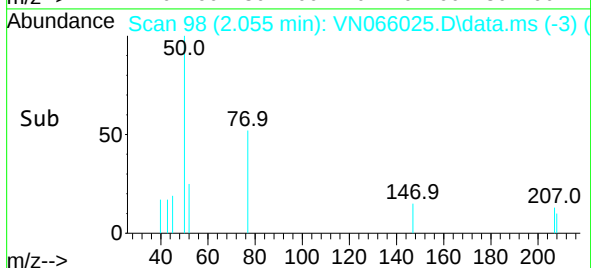
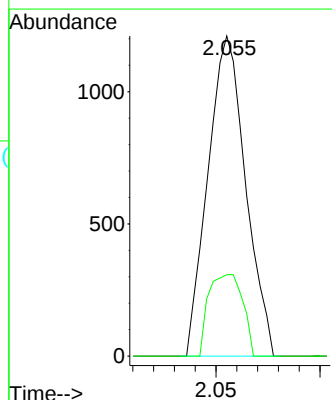
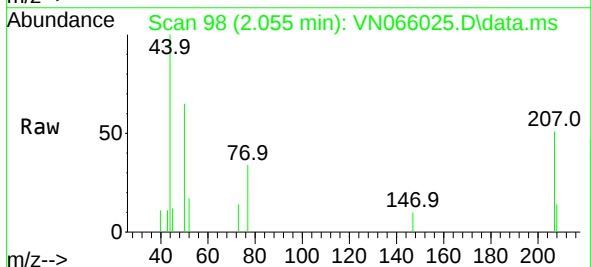
Instrument :
MSVOA_N
ClientSampled :

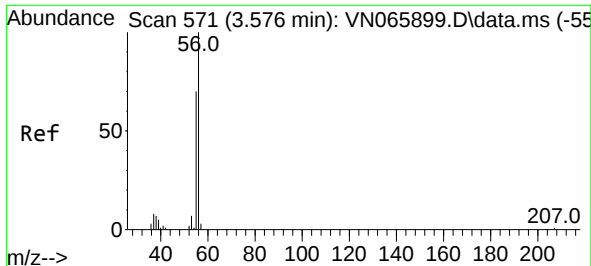
Tgt Ion:168 Resp: 193460
Ion Ratio Lower Upper
168 100
99 59.6 42.6 63.8



#3
Chloromethane
Concen: 0.48 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

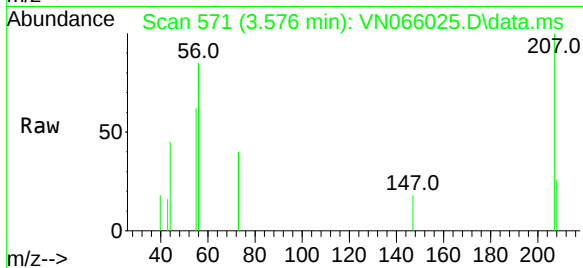
Tgt Ion: 50 Resp: 1521
Ion Ratio Lower Upper
50 100
52 25.4 25.8 38.8#



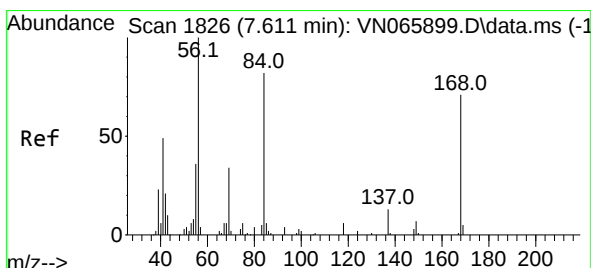
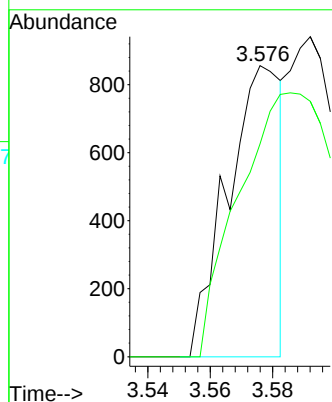
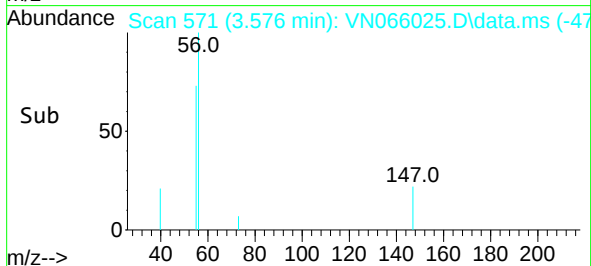


#13
Acrolein
Concen: 2.97 ug/l
RT: 3.576 min Scan# 571
Delta R.T. -0.000 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

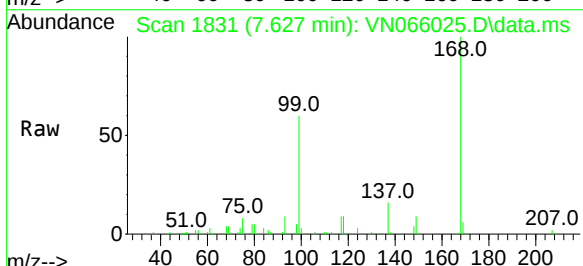
Instrument :
MSVOA_N
ClientSampled :



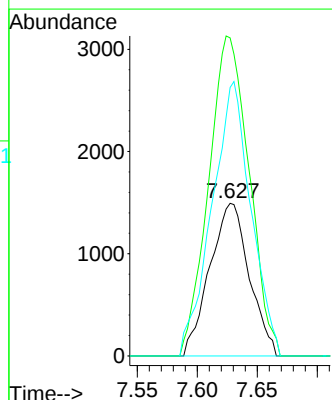
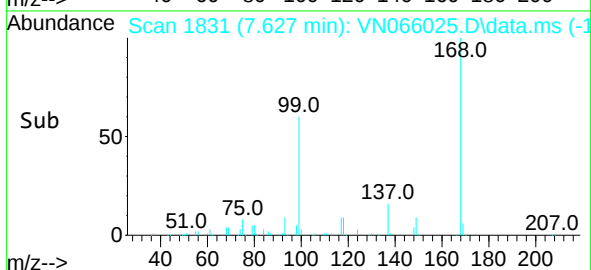
Tgt Ion: 56 Resp: 1021
Ion Ratio Lower Upper
56 100
55 179.3 56.0 84.0#

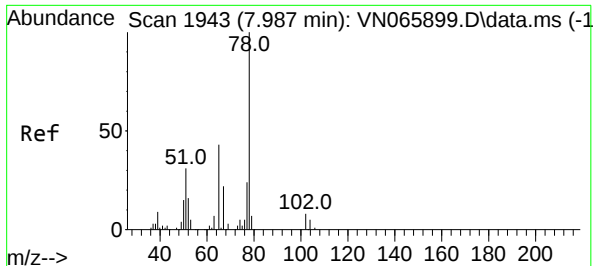


#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09



Tgt Ion: 56 Resp: 3418
Ion Ratio Lower Upper
56 100
69 208.3 26.6 39.8#
84 175.8 70.4 105.6#

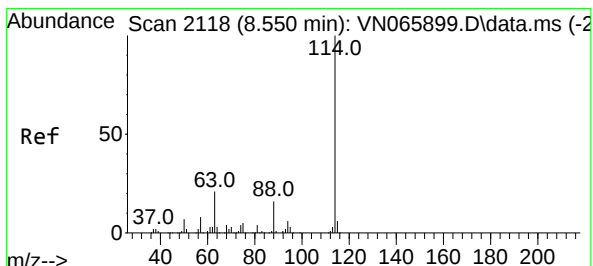
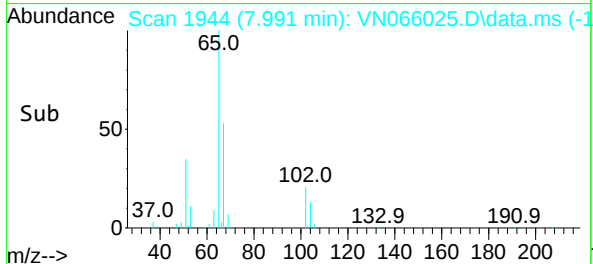
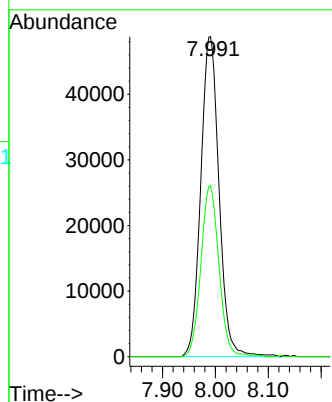
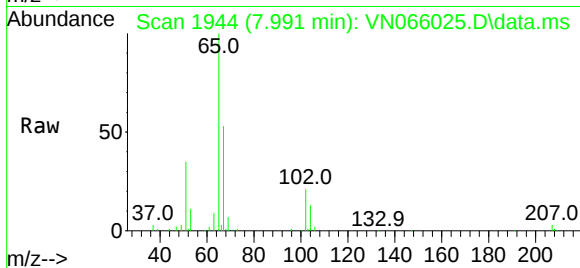




#33
1,2-Dichloroethane-d4
Concen: 43.25 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

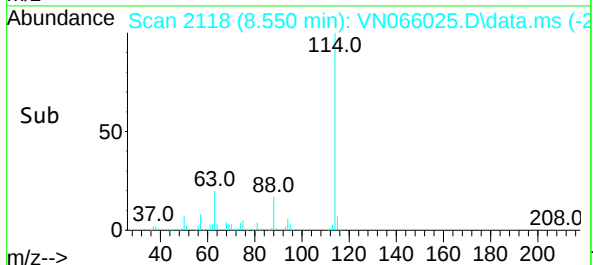
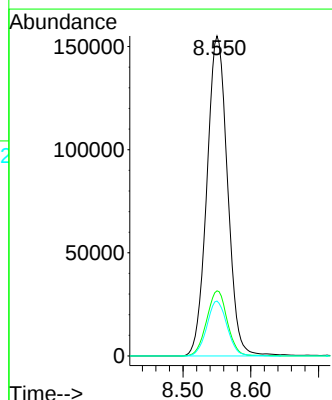
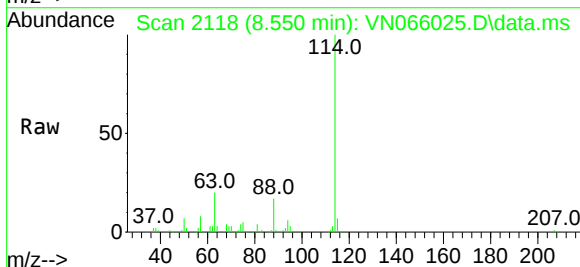
Instrument :
MSVOA_N
ClientSampled :

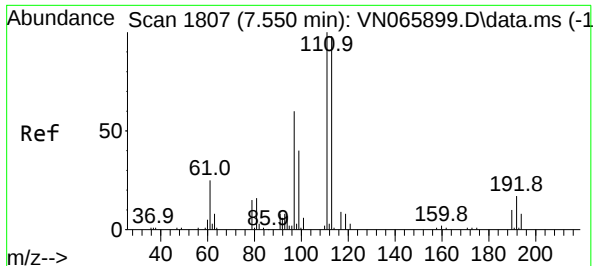
Tgt Ion: 65 Resp: 117001
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

Tgt Ion: 114 Resp: 327723
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 17.1 0.0 30.6

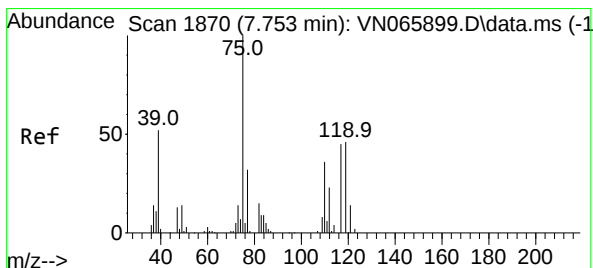
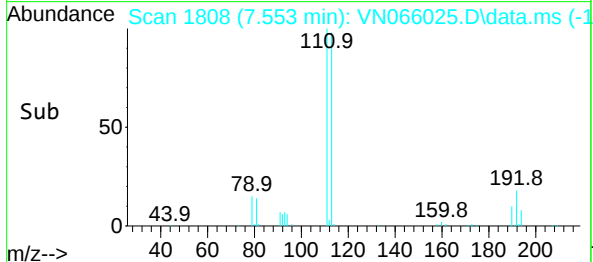
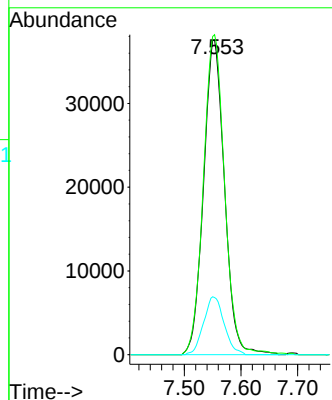
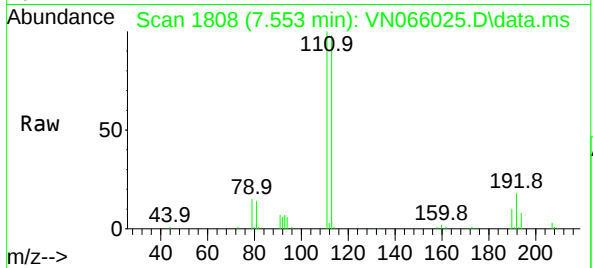




#35
Dibromofluoromethane
Concen: 47.48 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

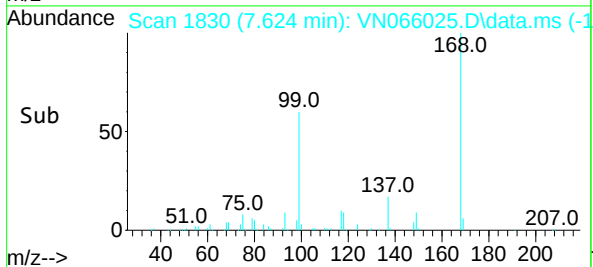
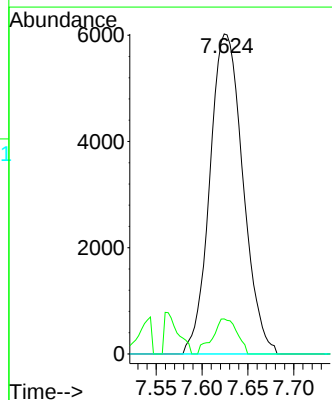
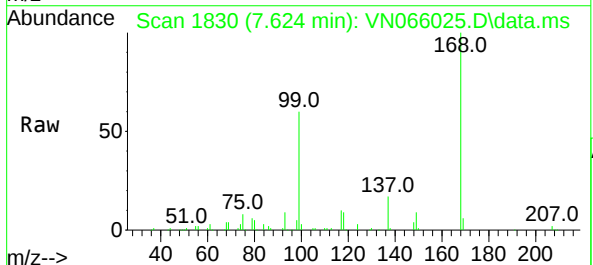
Instrument :
MSVOA_N
ClientSampleId :

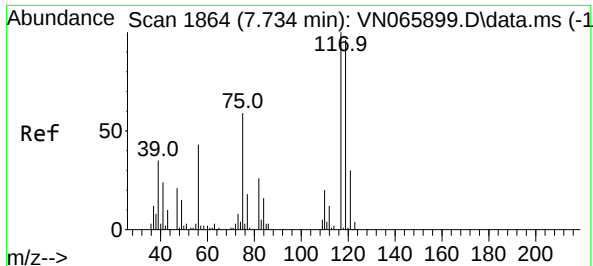
Tgt Ion:113 Resp: 96306
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

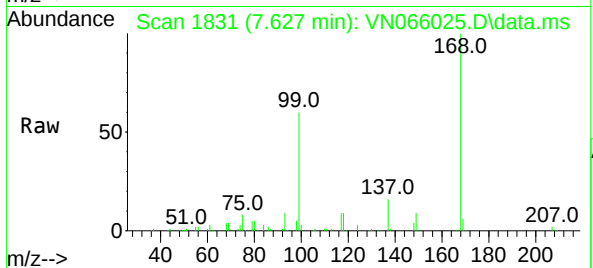
Tgt Ion: 75 Resp: 15132
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#



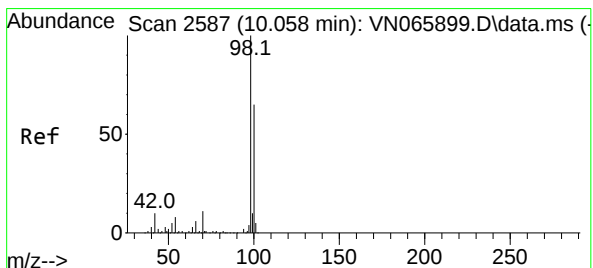
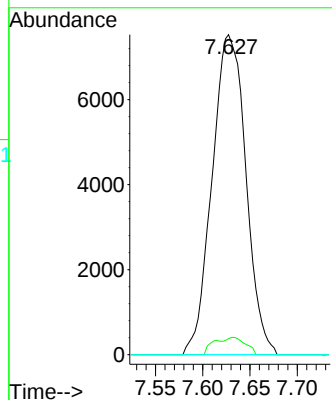
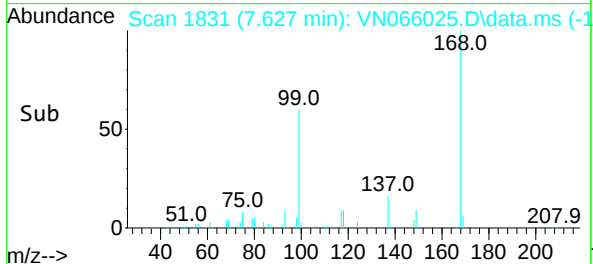


#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

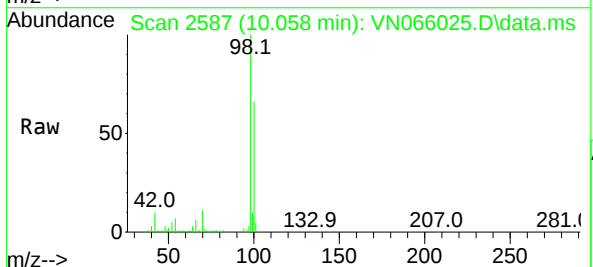
Instrument :
MSVOA_N
ClientSampleId :



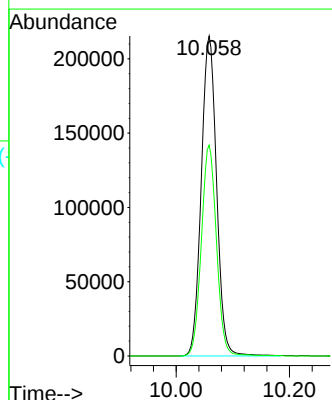
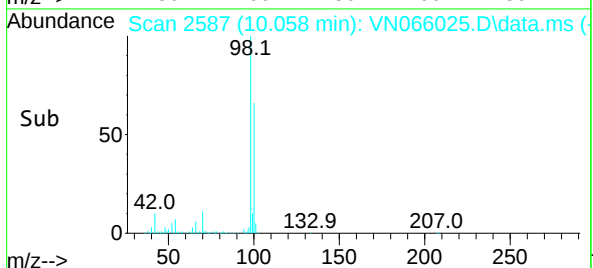
Tgt Ion:117 Resp: 18715
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#

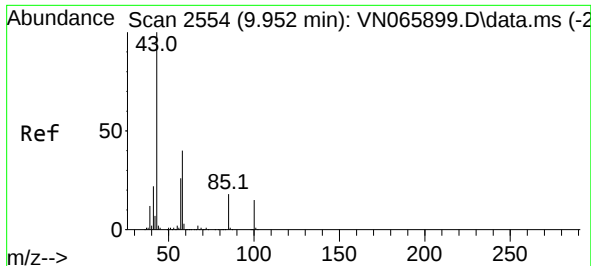


#50
Toluene-d8
Concen: 48.59 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09



Tgt Ion: 98 Resp: 404567
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7

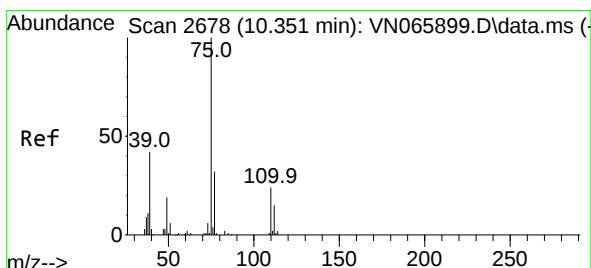
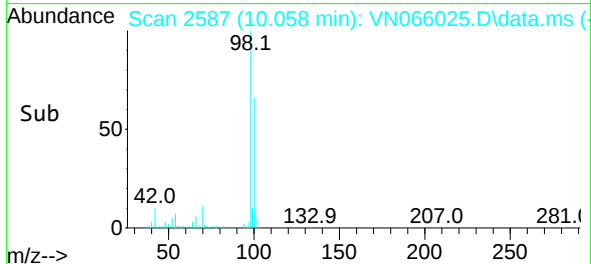
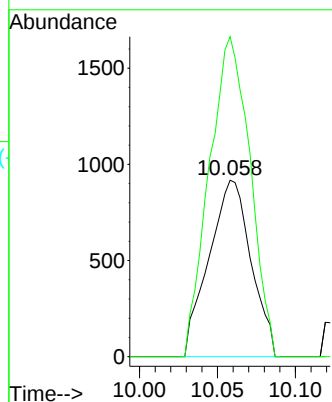
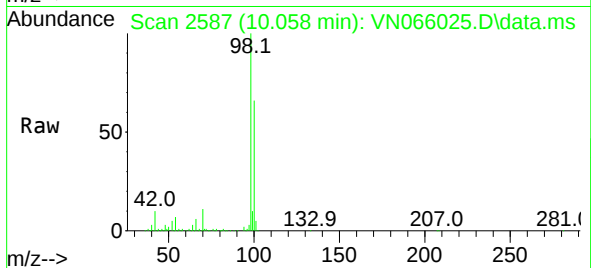




#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

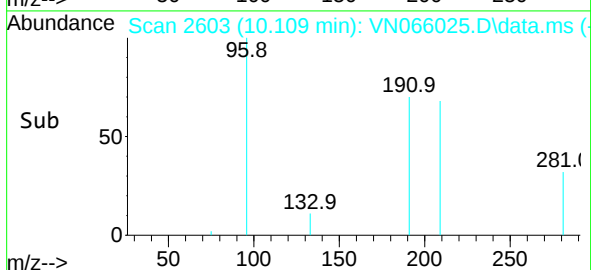
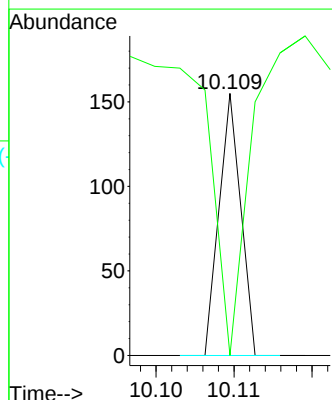
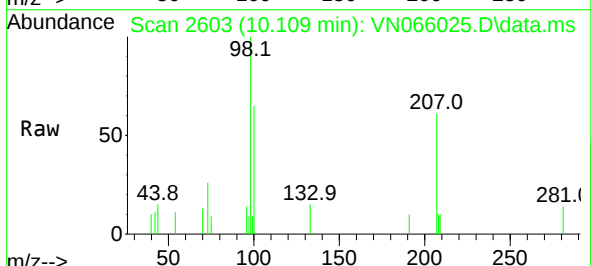
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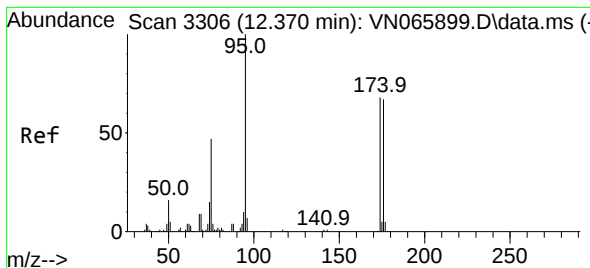
Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
58 176.1 32.5 48.7#



#53
t-1,3-Dichloropropene
Concen: 1.99 ug/l
RT: 10.109 min Scan# 2603
Delta R.T. -0.242 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

Tgt Ion: 75 Resp: 30
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#

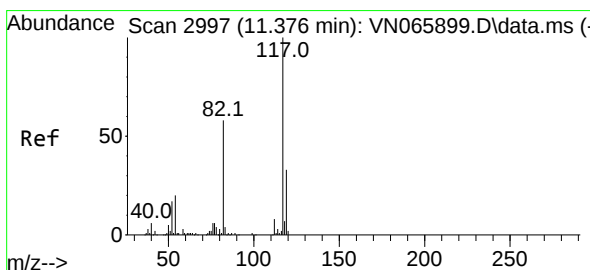
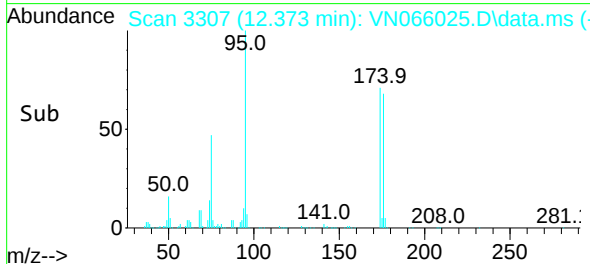
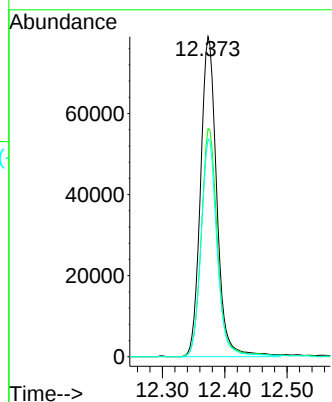
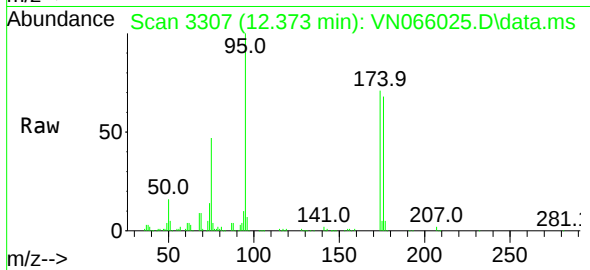




#62
4-Bromofluorobenzene
Concen: 45.74 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

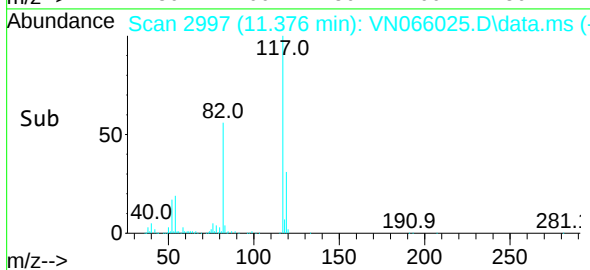
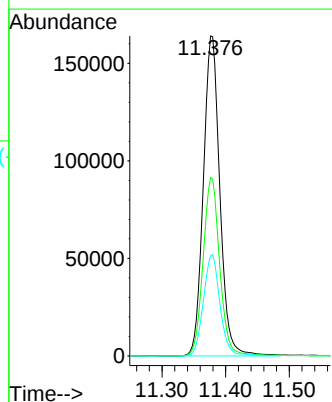
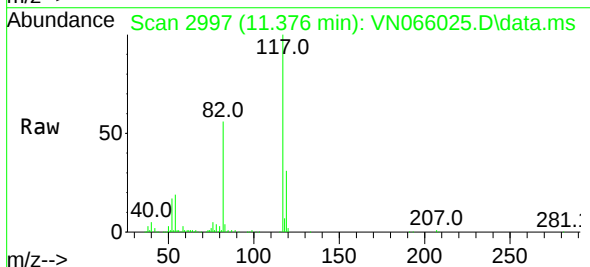
Instrument :
MSVOA_N
ClientSampleId :

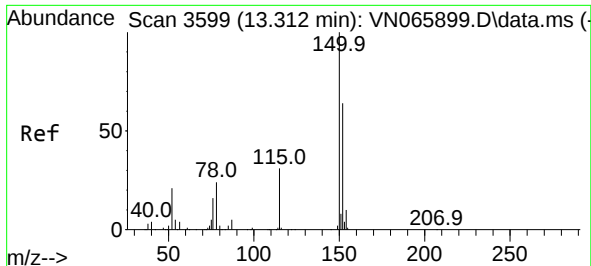
Tgt Ion: 95 Resp: 142954
Ion Ratio Lower Upper
95 100
174 70.4 0.0 169.0
176 67.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

Tgt Ion: 117 Resp: 296280
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 31.4 26.1 39.1

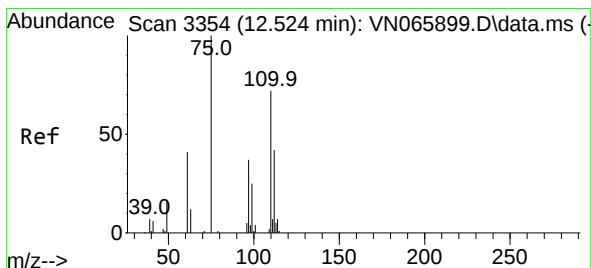
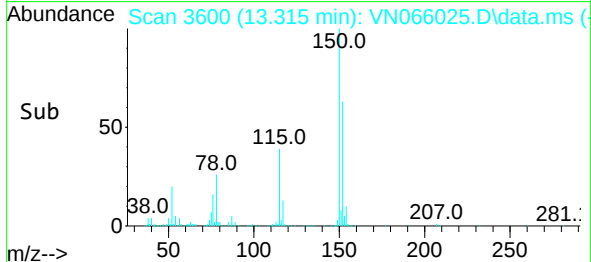
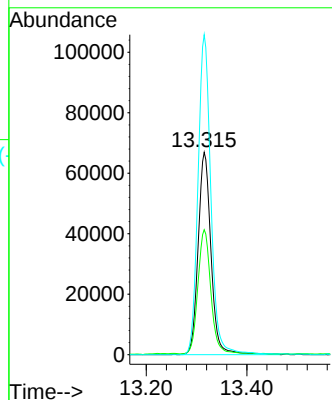
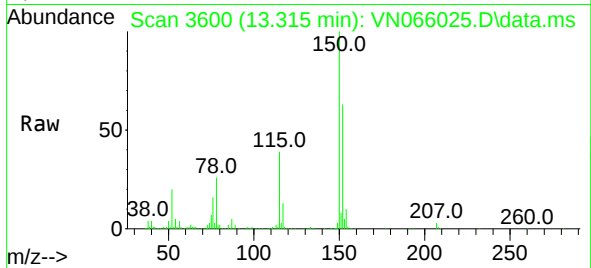




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066025.D
 Acq: 25 Feb 2021 14:09

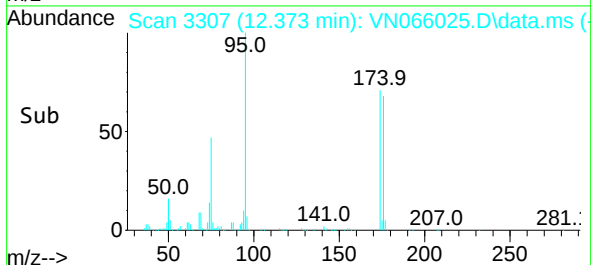
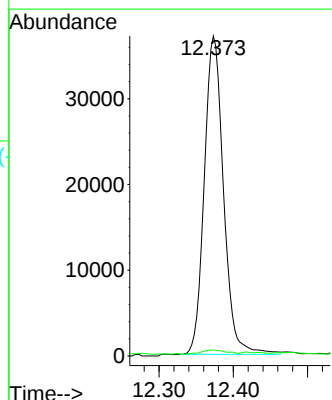
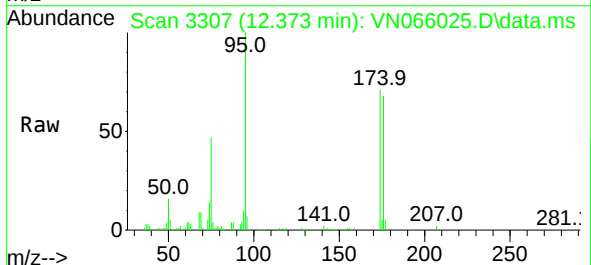
Instrument :
 MSVOA_N
 ClientSampled :

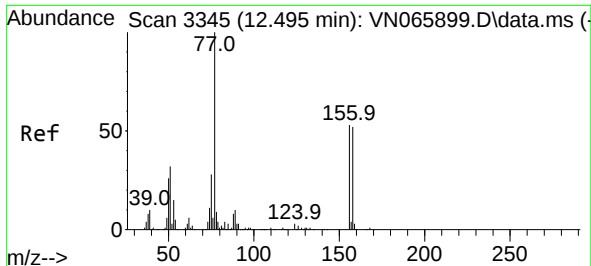
Tgt Ion:152 Resp: 119337
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.5 85.6
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 23.31 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066025.D
 Acq: 25 Feb 2021 14:09

Tgt Ion: 75 Resp: 66814
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

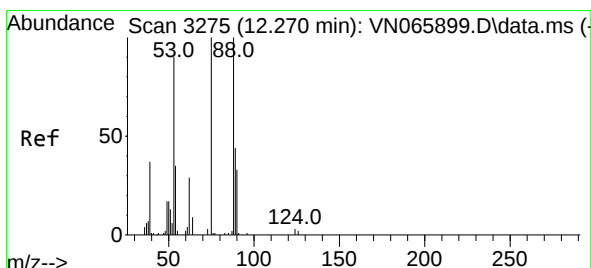
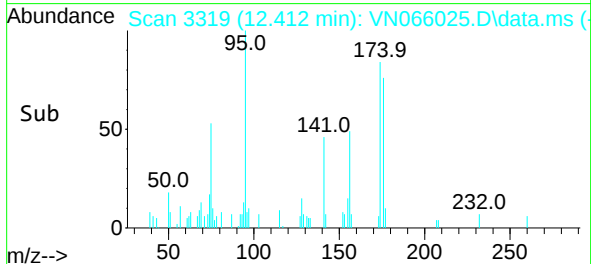
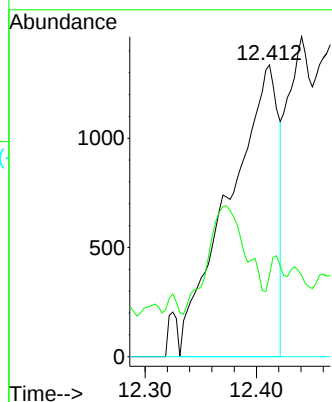
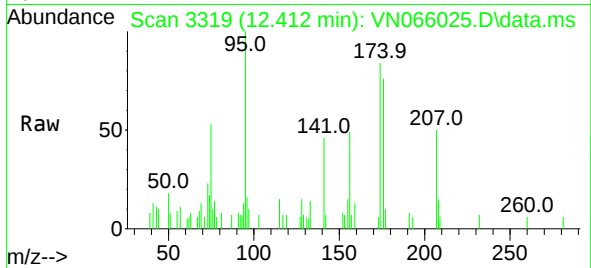




#77
Bromobenzene
Concen: 1.84 ug/l
RT: 12.412 min Scan# 3319
Delta R.T. -0.083 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

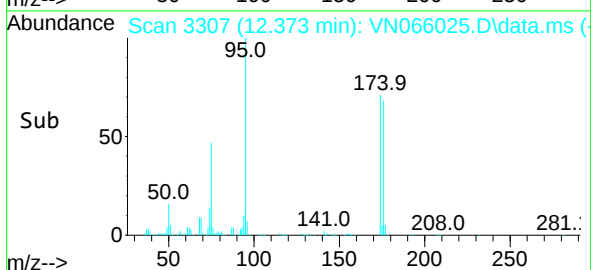
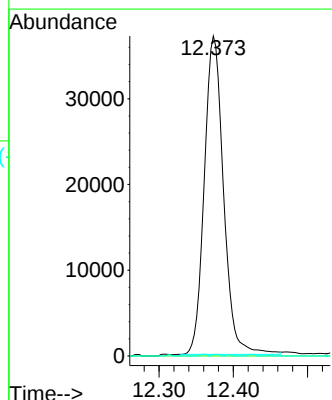
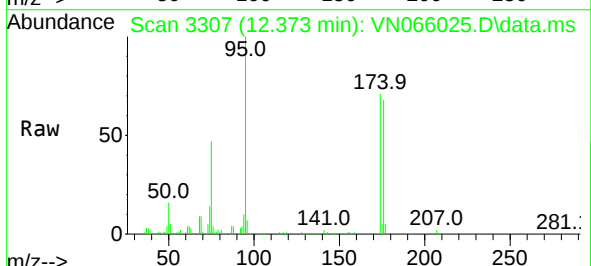
Instrument :
MSVOA_N
ClientSampleId :

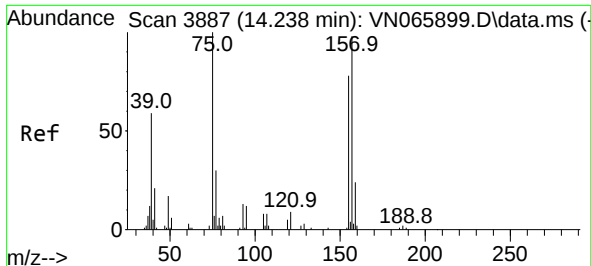
Tgt Ion:156 Resp: 4099
Ion Ratio Lower Upper
156 100
77 3.1 96.3 288.8#
158 0.0 49.0 147.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

Tgt Ion: 75 Resp: 66814
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.2 35.8 53.8#

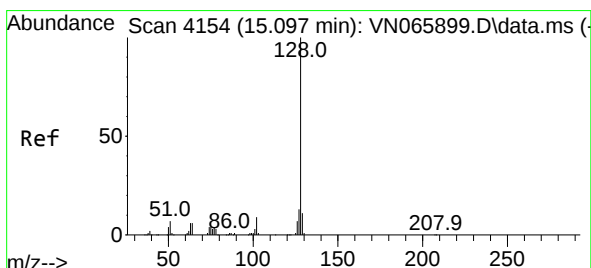
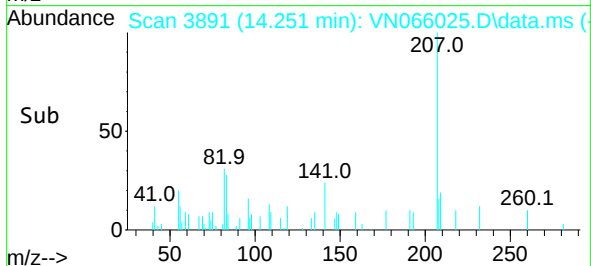
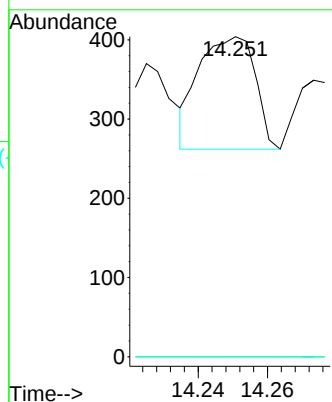
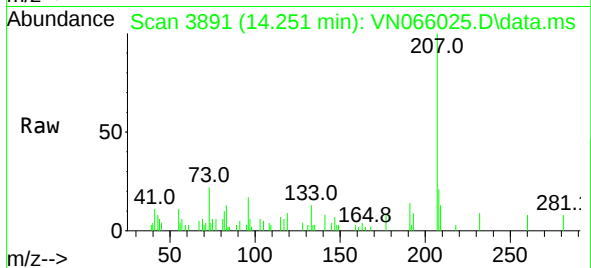




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.13 ug/l
RT: 14.251 min Scan# 3891
Delta R.T. 0.013 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 160
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.49 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.006 min
Lab File: VN066025.D
Acq: 25 Feb 2021 14:09

Tgt Ion:128 Resp: 3225
Ion Ratio Lower Upper
128 100
127 22.4 10.2 15.2#
129 6.2 8.6 13.0#

