

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066036.D
 Acq On : 25 Feb 2021 18:29
 Operator : JC/MD
 Sample : M1484-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 26 01:24:30 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)

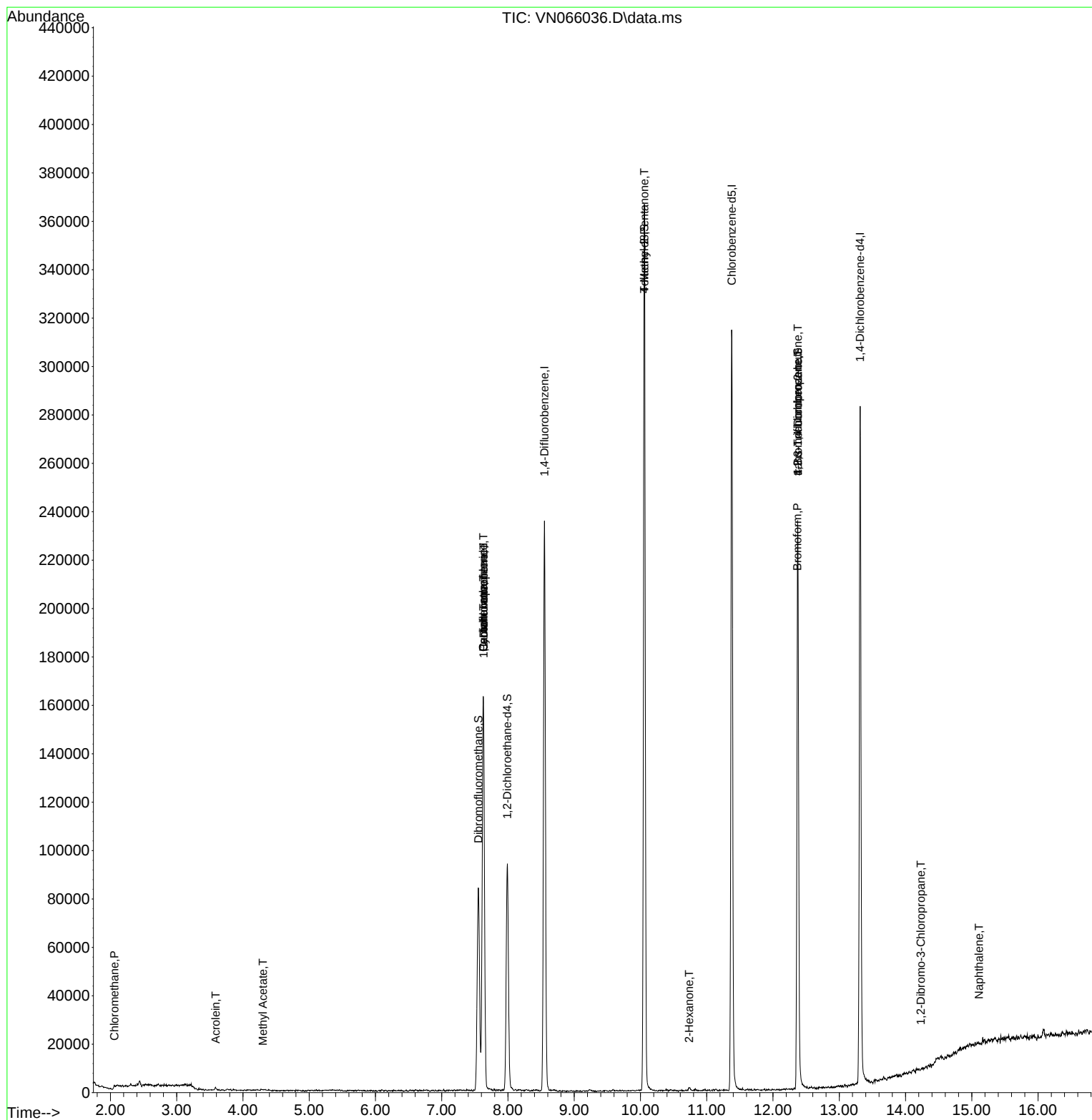
Internal Standards						
1) Pentafluorobenzene	7.627	168	132911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	216854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	196198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	81491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	88129	47.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.84%		
35) Dibromofluoromethane	7.553	113	65564	48.85	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.70%		
50) Toluene-d8	10.058	98	260284	47.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.50%		
62) 4-Bromofluorobenzene	12.373	95	94325	45.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.22%		
Target Compounds						
						Qvalue
3) Chloromethane	2.058	50	715	0.33	ug/l	90
13) Acrolein	3.589	56	1063	4.49	ug/l #	48
16) Acetone	3.798	43	755	Below Cal	#	41
18) Methyl Acetate	4.303	43	816	0.53	ug/l #	51
31) Cyclohexane	7.627	56	2499	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	9880	4.62	ug/l #	48
38) Carbon Tetrachloride	7.627	117	13649	6.87	ug/l #	16
51) 4-Methyl-2-Pentanone	10.058	43	1112	0.59	ug/l #	1
59) 2-Hexanone	10.733	43	335	0.25	ug/l #	23
71) Bromoform	12.367	173	141	2.63	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	48342	24.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	48342	78.70	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.232	75	137	1.20	ug/l #	1
95) Naphthalene	15.109	128	266	3.11	ug/l #	69

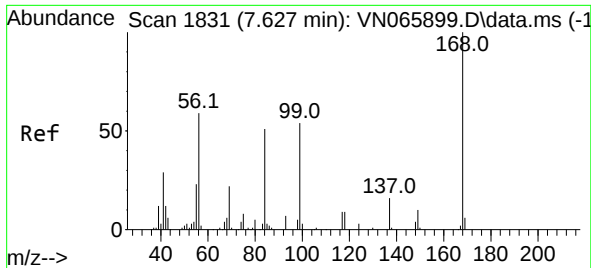
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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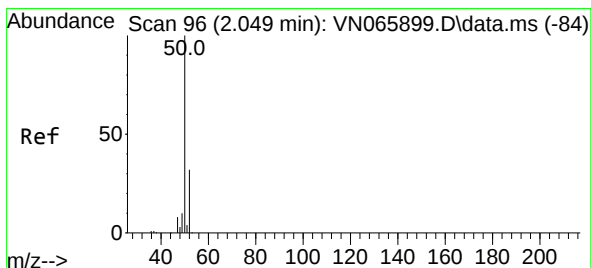
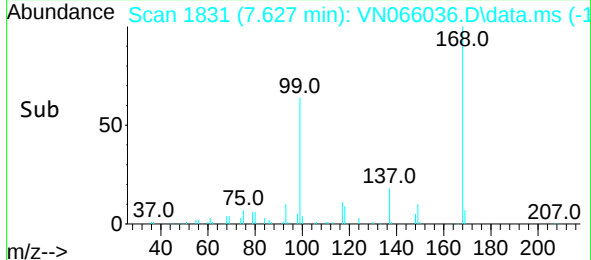
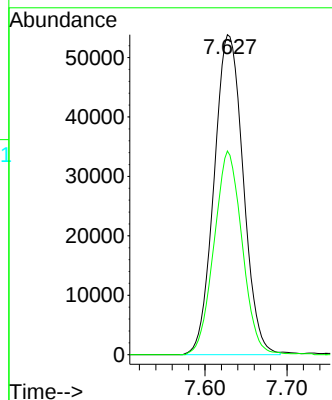
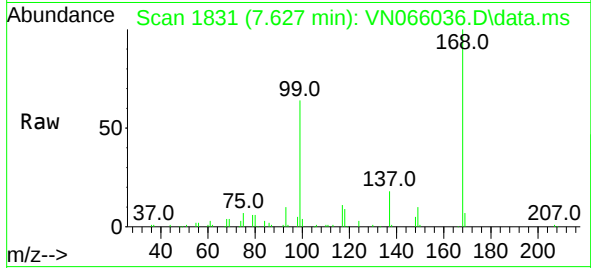




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

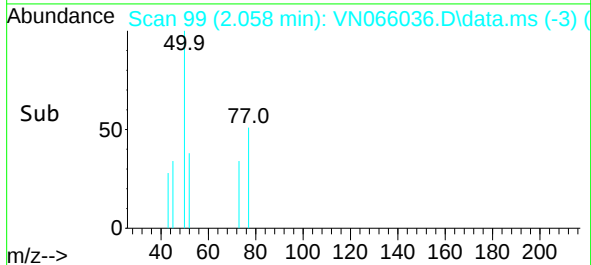
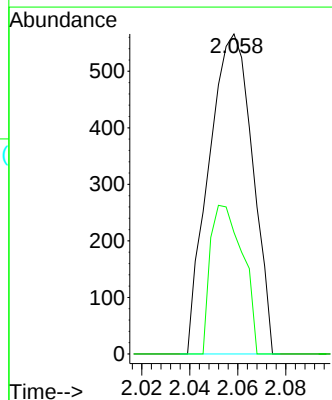
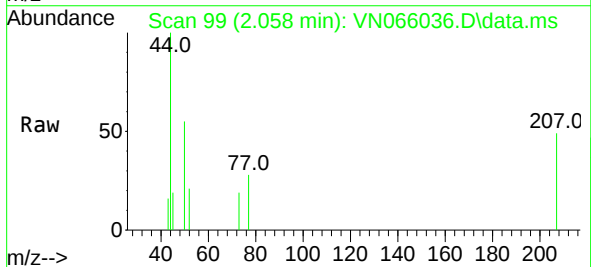
Instrument :
MSVOA_N
ClientSampled :

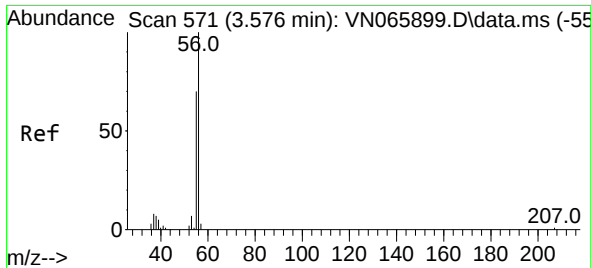
Tgt Ion:168 Resp: 132911
Ion Ratio Lower Upper
168 100
99 63.6 42.6 63.8



#3
Chloromethane
Concen: 0.33 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 38.0 25.8 38.8

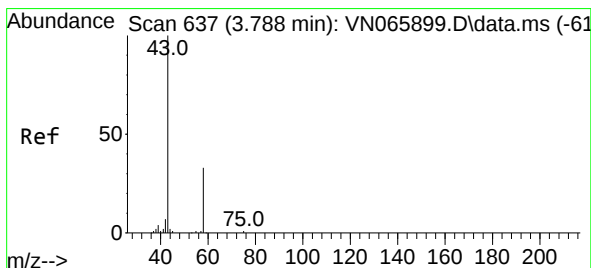
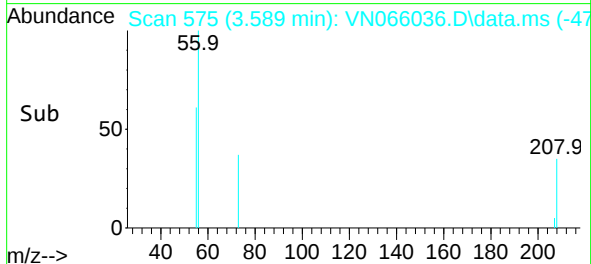
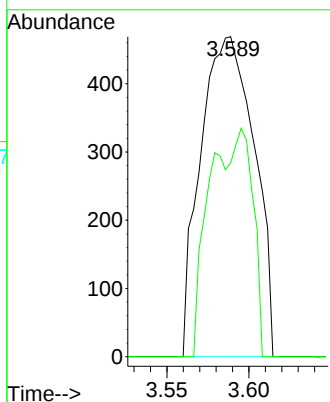
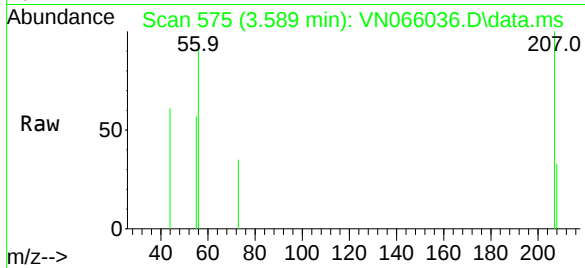




#13
Acrolein
Concen: 4.49 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

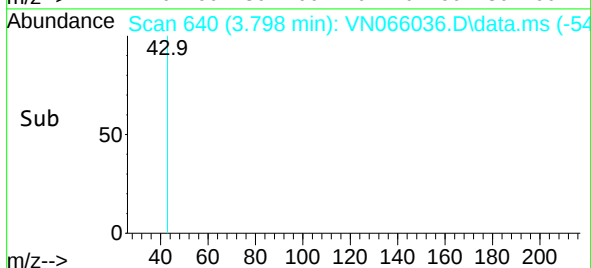
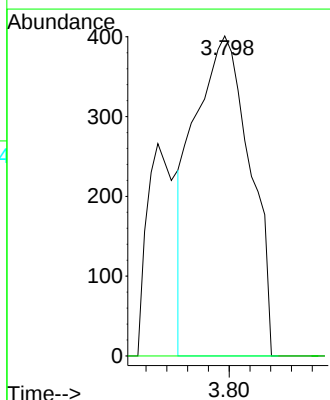
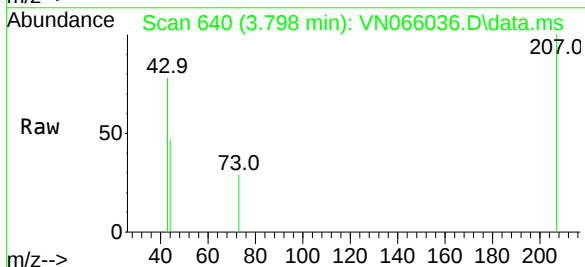
Instrument :
MSVOA_N
ClientSampled :

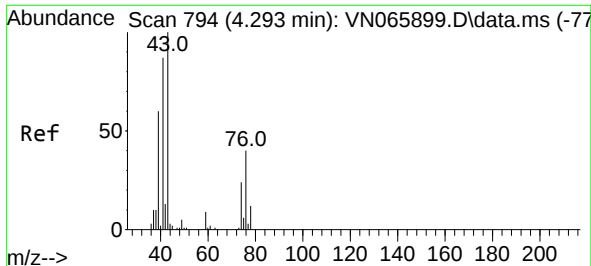
Tgt Ion: 56 Resp: 1063
Ion Ratio Lower Upper
56 100
55 27.1 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

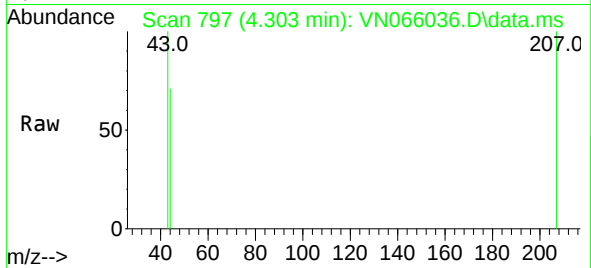
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



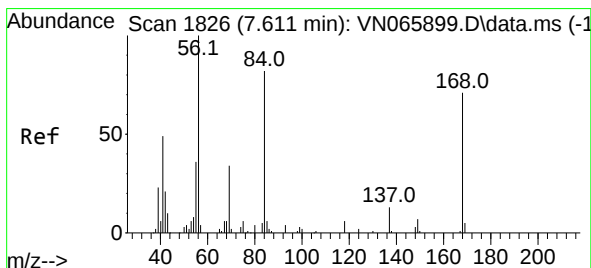
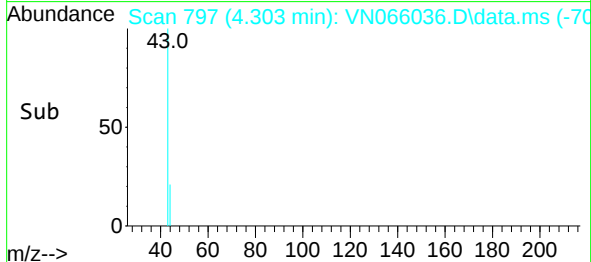
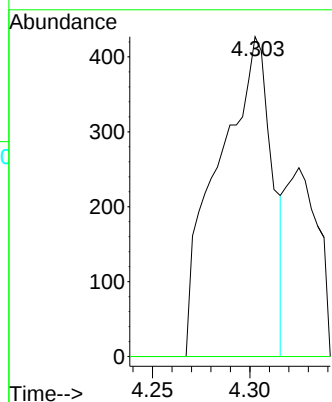


#18
Methyl Acetate
Concen: 0.53 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.010 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Instrument :
MSVOA_N
ClientSampled :

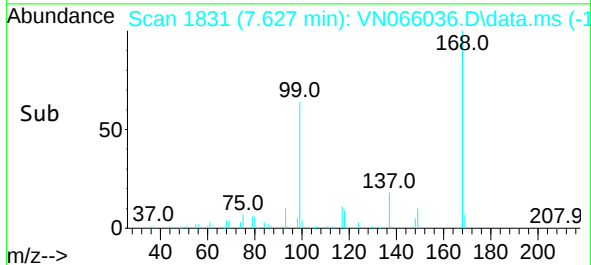
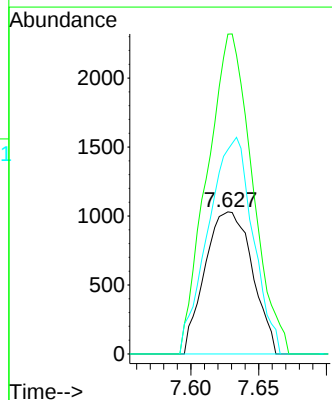
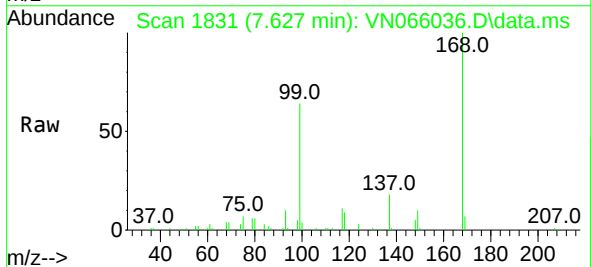


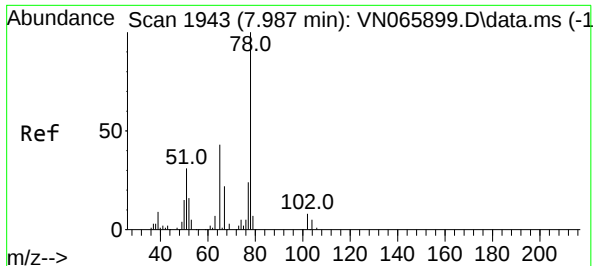
Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 0.90 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Tgt Ion: 56 Resp: 2499
Ion Ratio Lower Upper
56 100
69 225.1 26.6 39.8#
84 143.8 70.4 105.6#

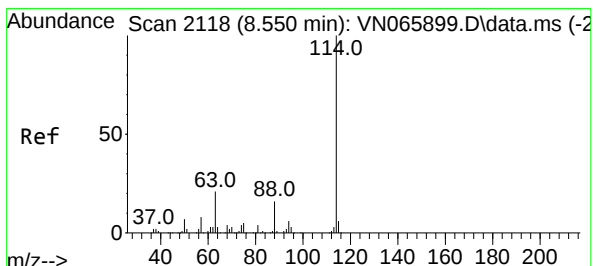
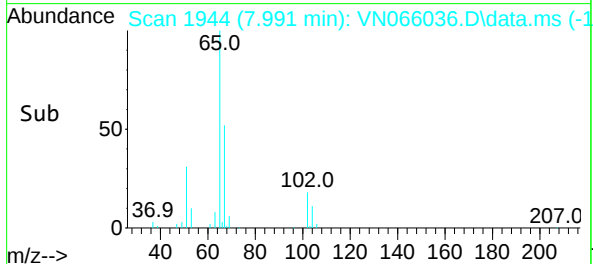
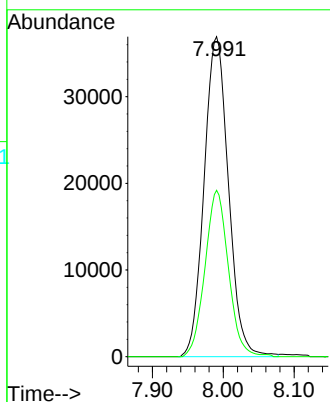
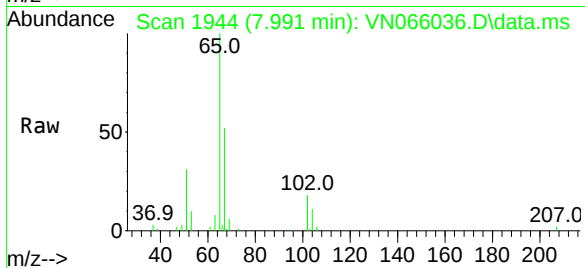




#33
1,2-Dichloroethane-d4
Concen: 47.42 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

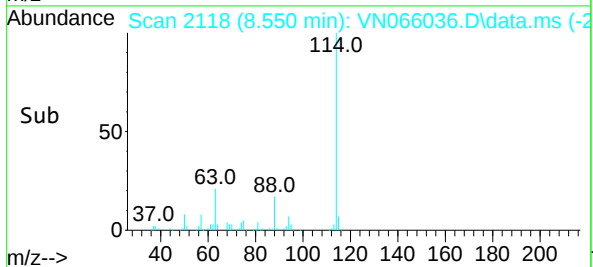
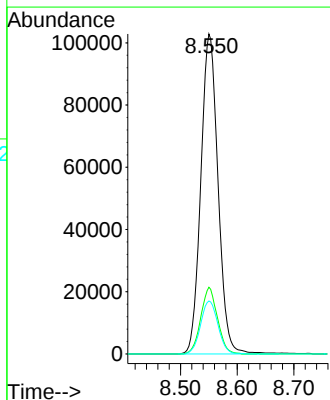
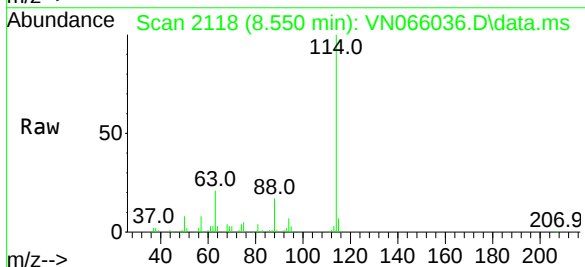
Instrument :
MSVOA_N
ClientSampled :

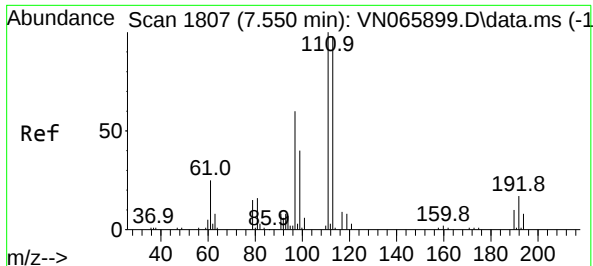
Tgt Ion: 65 Resp: 88129
Ion Ratio Lower Upper
65 100
67 50.1 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Tgt Ion: 114 Resp: 216854
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.85 ug/l

RT: 7.553 min Scan# 1808

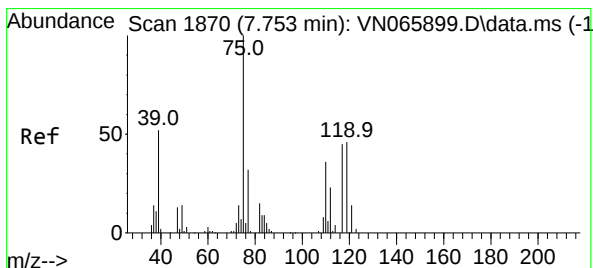
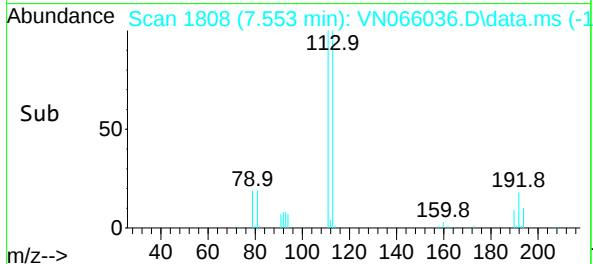
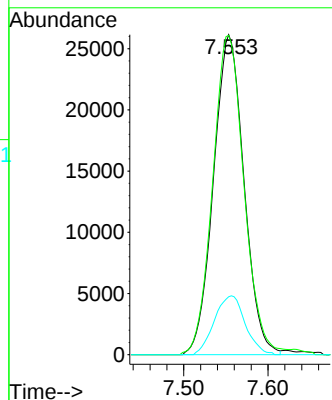
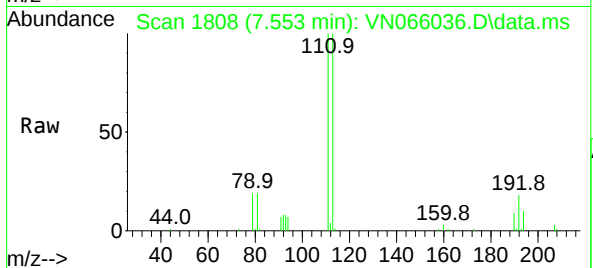
Delta R.T. 0.003 min

Lab File: VN066036.D

Acq: 25 Feb 2021 18:29

Tgt Ion:	113	Resp:	65564
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	18.6	15.4	23.0

Instrument :
MSVOA_N
ClientSampled :



#36

1,1-Dichloropropene

Concen: 4.62 ug/l

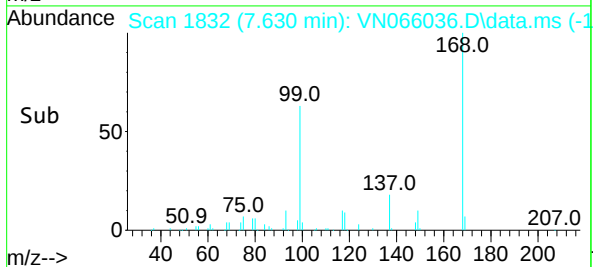
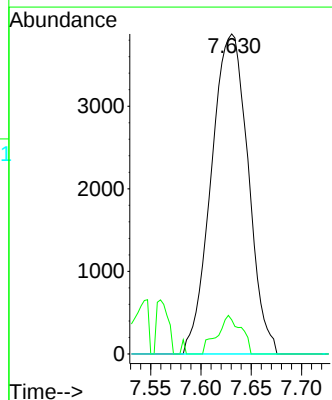
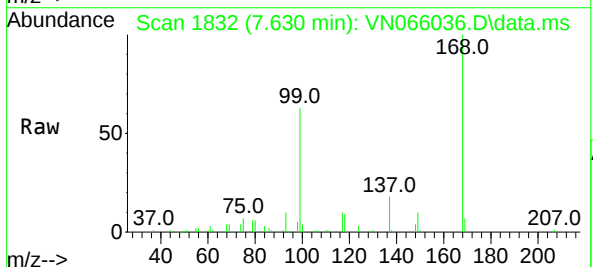
RT: 7.630 min Scan# 1832

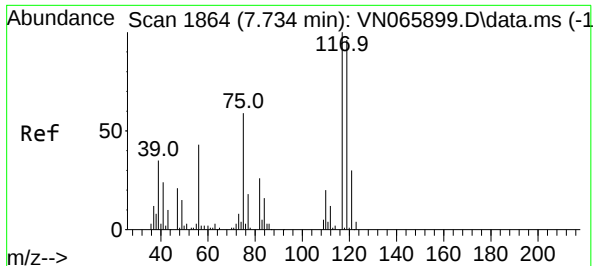
Delta R.T. -0.123 min

Lab File: VN066036.D

Acq: 25 Feb 2021 18:29

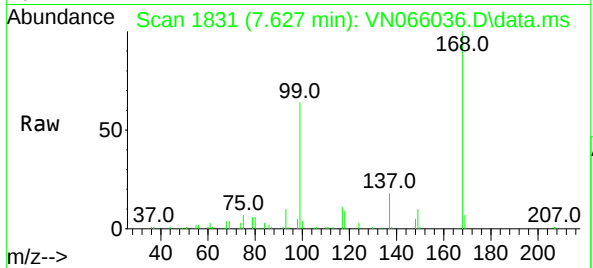
Tgt Ion:	75	Resp:	9880
Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.2	54.6#
77	0.0	24.9	37.3#



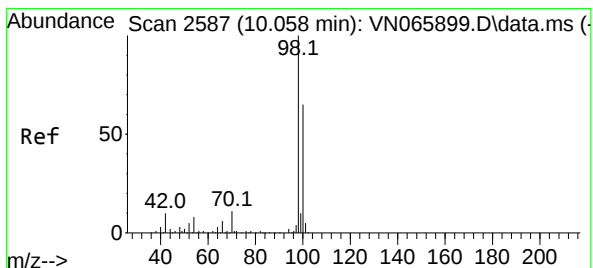
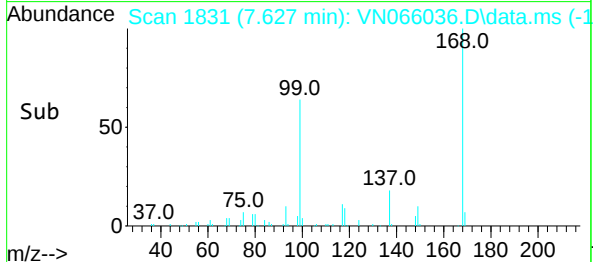
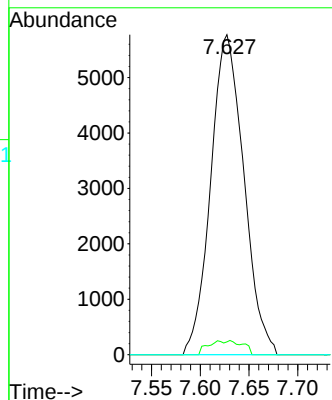


#38
Carbon Tetrachloride
Concen: 6.87 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :

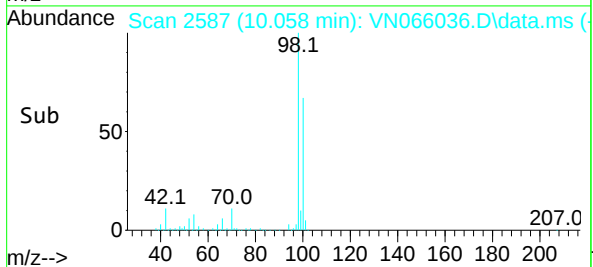
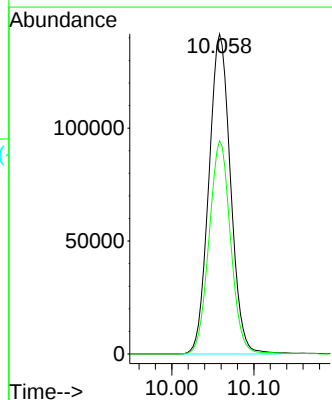
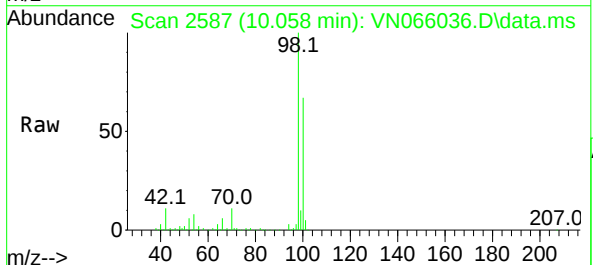


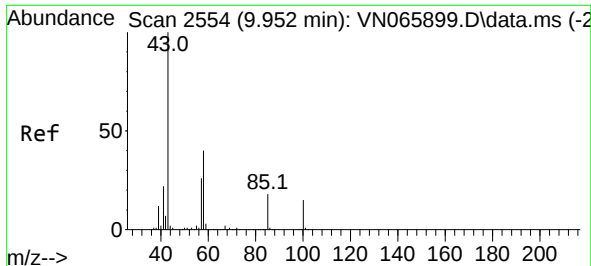
Tgt Ion:117 Resp: 13649
Ion Ratio Lower Upper
117 100
119 4.0 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.25 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Tgt Ion: 98 Resp: 260284
Ion Ratio Lower Upper
98 100
100 66.4 50.5 75.7

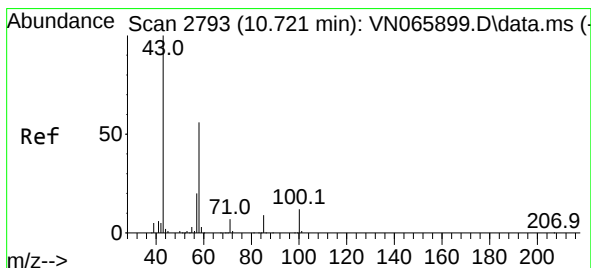
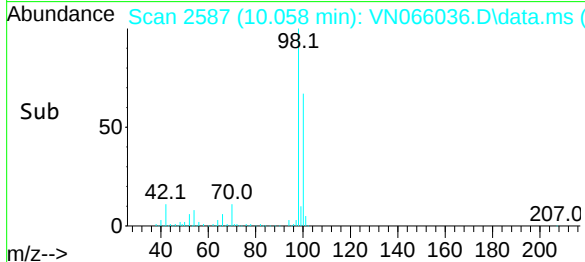
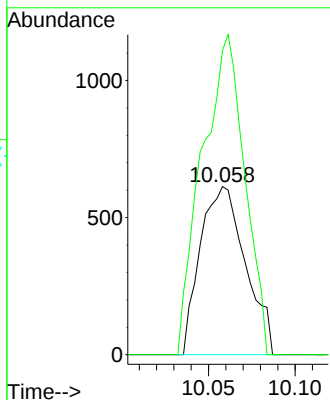
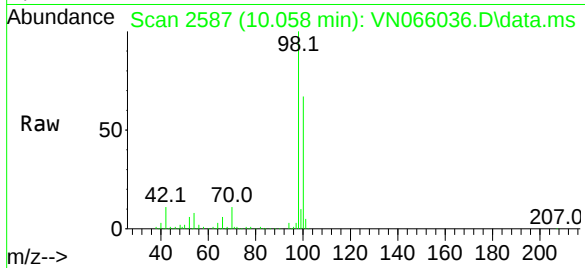




#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

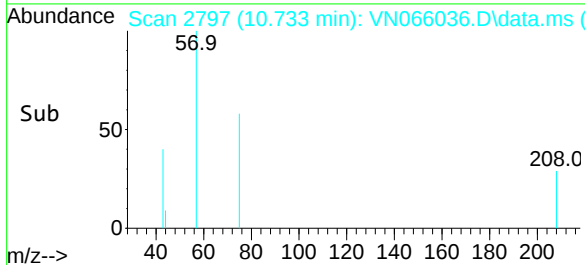
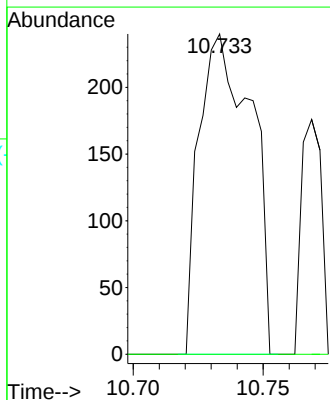
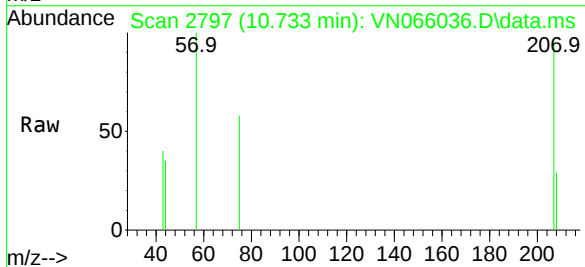
Instrument :
MSVOA_N
ClientSampled :

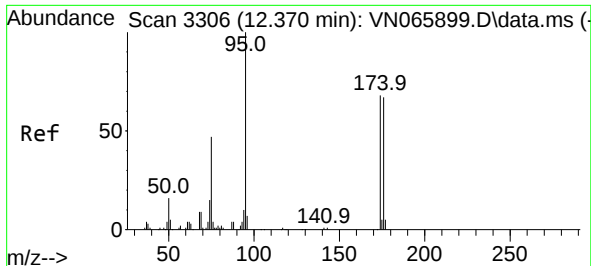
Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 179.8 32.5 48.7#



#59
2-Hexanone
Concen: 0.25 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.012 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

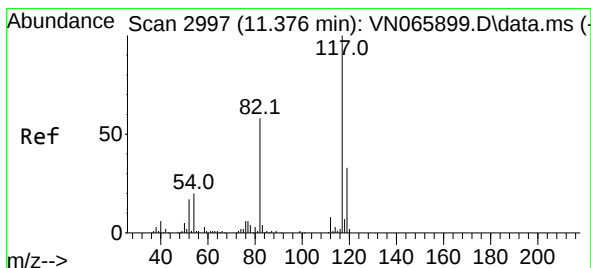
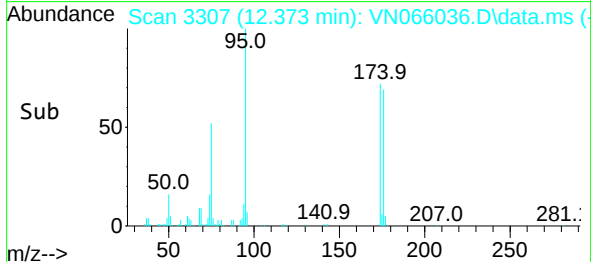
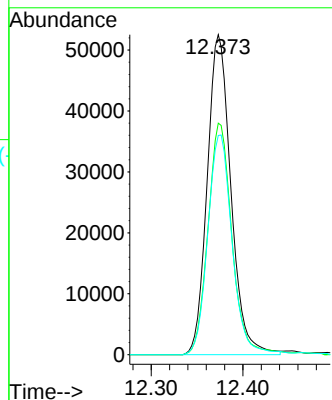
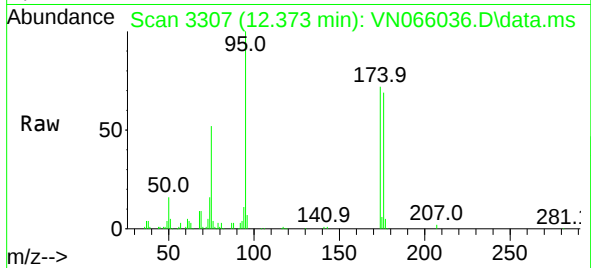




#62
4-Bromofluorobenzene
Concen: 45.61 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

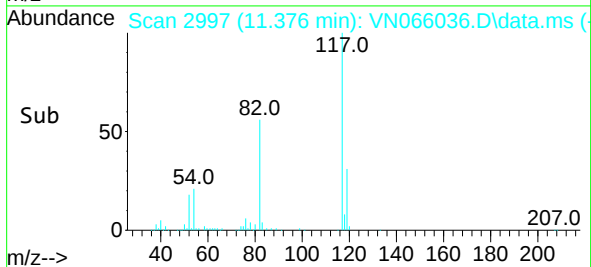
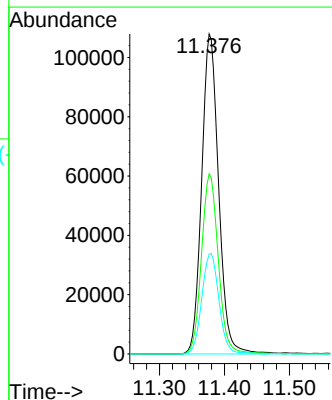
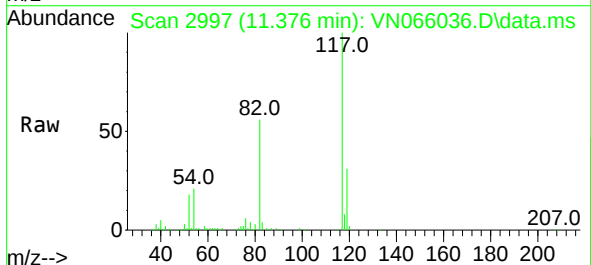
Instrument :
MSVOA_N
ClientSampleId :

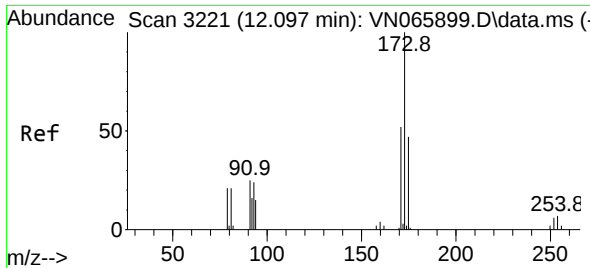
Tgt Ion: 95 Resp: 94325
Ion Ratio Lower Upper
95 100
174 73.2 0.0 169.0
176 70.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

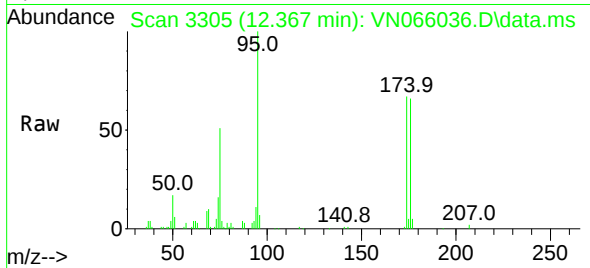
Tgt Ion: 117 Resp: 196198
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 31.1 26.1 39.1



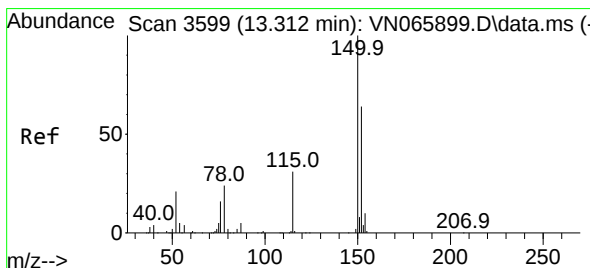
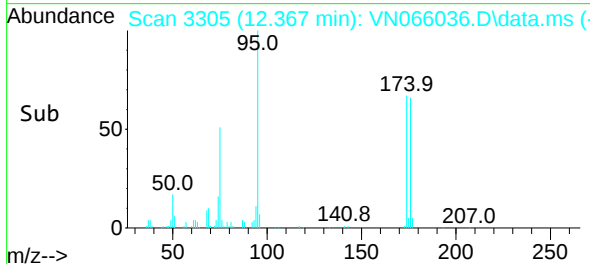
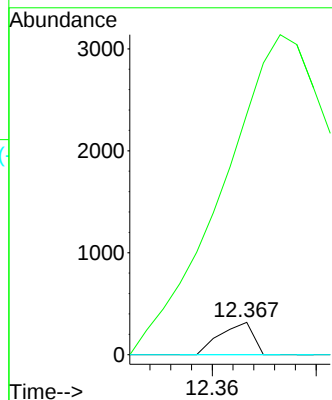


#71
Bromoform
Concen: 2.63 ug/l
RT: 12.367 min Scan# 3305
Delta R.T. 0.270 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Instrument :
MSVOA_N
ClientSampled :

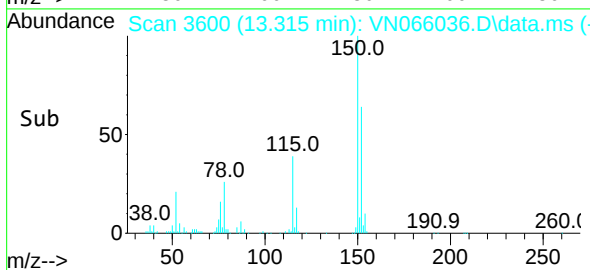
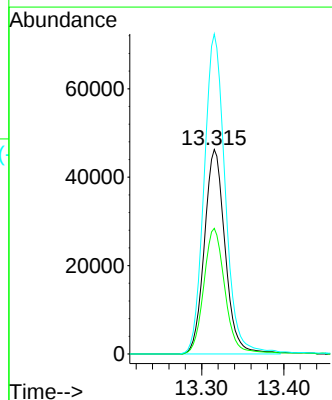
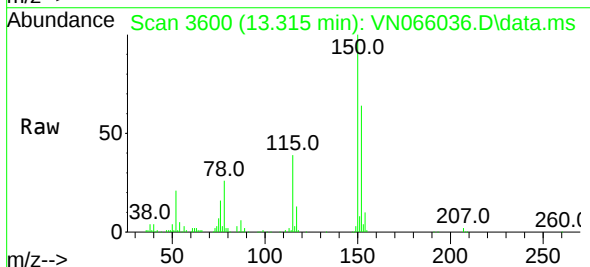


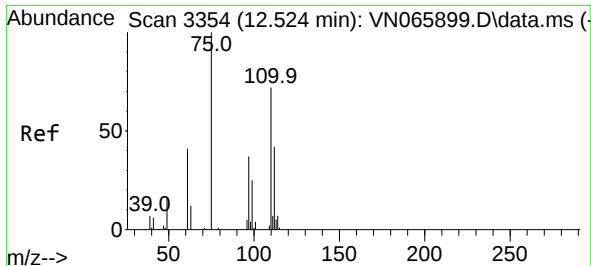
Tgt Ion:173 Resp: 141
Ion Ratio Lower Upper
173 100
175 2985.1 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Tgt Ion:152 Resp: 81491
Ion Ratio Lower Upper
152 100
115 62.9 28.5 85.6
150 159.4 0.0 347.6

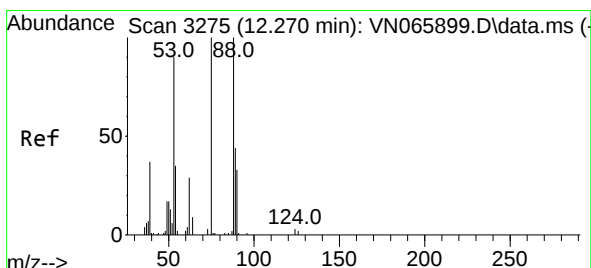
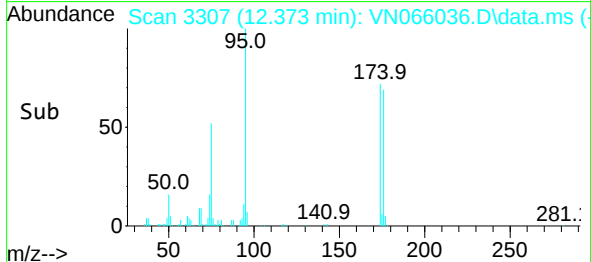
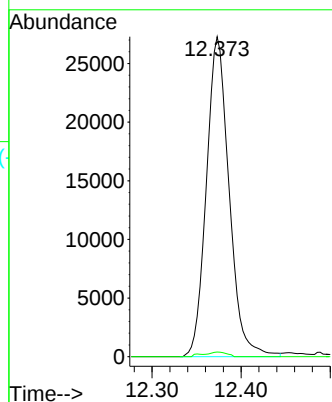
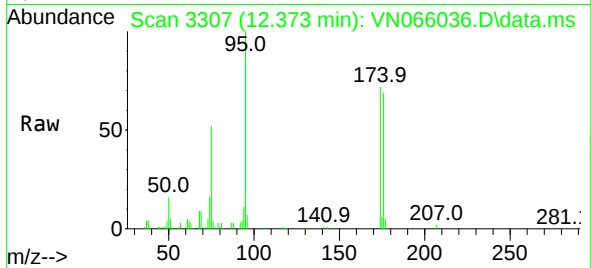




#76
1,2,3-Trichloropropane
Concen: 24.69 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

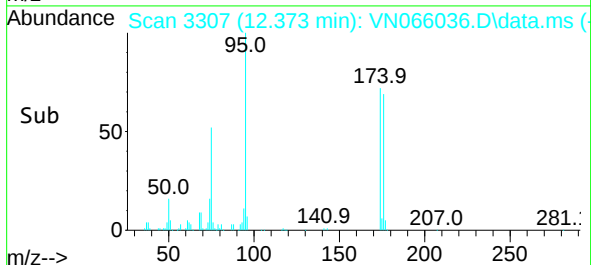
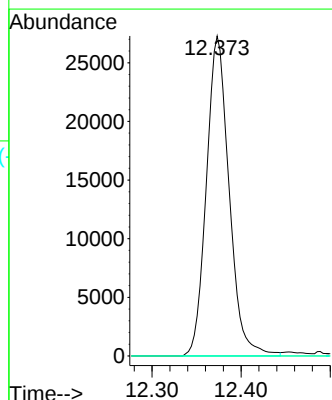
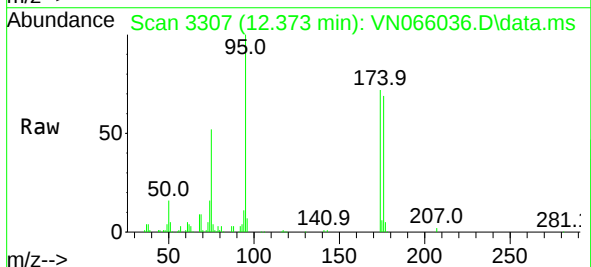
Instrument :
MSVOA_N
ClientSampled :

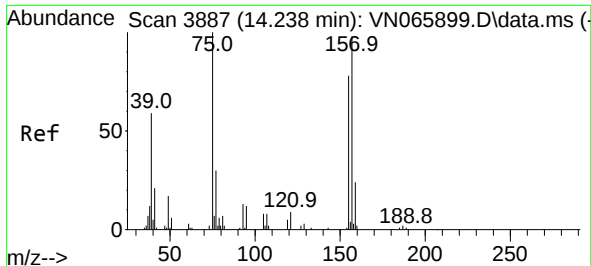
Tgt Ion: 75 Resp: 48342
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.70 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Tgt Ion: 75 Resp: 48342
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

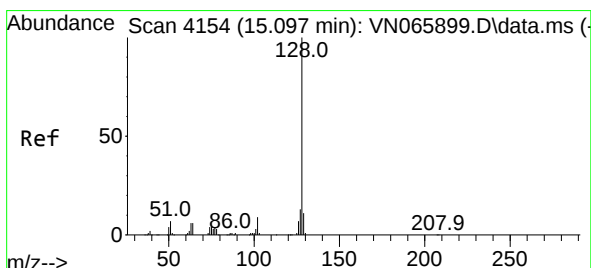
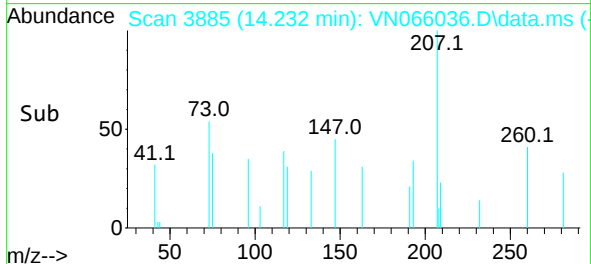
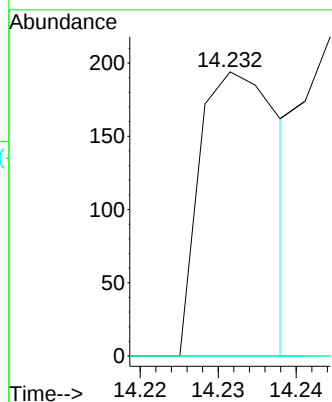
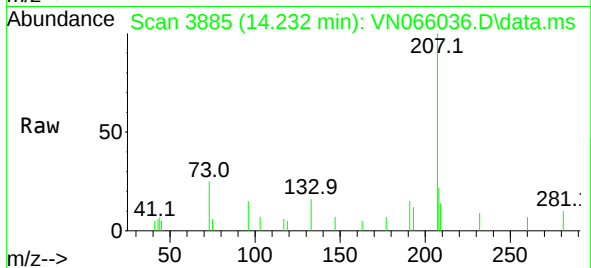




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.20 ug/l
RT: 14.232 min Scan# 3885
Delta R.T. -0.006 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 137
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.11 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.012 min
Lab File: VN066036.D
Acq: 25 Feb 2021 18:29

Tgt Ion: 128 Resp: 266
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

