

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066050.D
 Acq On : 26 Feb 2021 14:46
 Operator : JC/MD
 Sample : M1504-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-022521

Quant Time: Feb 26 23:33:24 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)

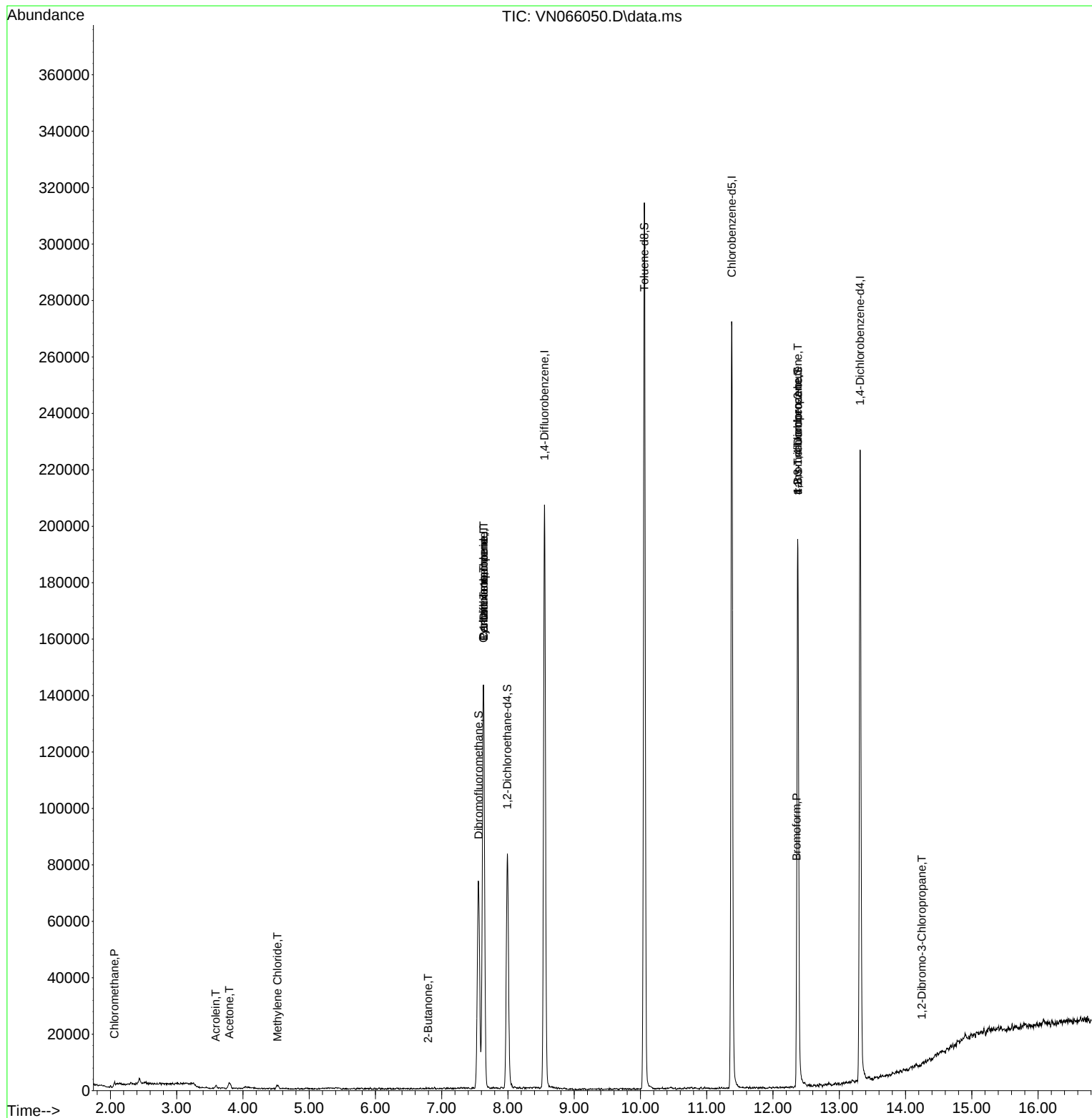
Internal Standards						
1) Pentafluorobenzene	7.630	168	116974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	188417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	167389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	65914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	79326	48.49	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.98%		
35) Dibromofluoromethane	7.556	113	57588	49.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.76%		
50) Toluene-d8	10.058	98	225457	47.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.20%		
62) 4-Bromofluorobenzene	12.373	95	79682	44.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.68%		
Target Compounds						Qvalue
3) Chloromethane	2.058	50	593	0.31	ug/l	97
13) Acrolein	3.589	56	943	4.53	ug/l	85
16) Acetone	3.795	43	3909	6.04	ug/l	99
20) Methylene Chloride	4.521	84	953	0.63	ug/l	88
25) 2-Butanone	6.794	43	237	0.29	ug/l #	1
31) Cyclohexane	7.627	56	2498	1.02	ug/l #	15
36) 1,1-Dichloropropene	7.630	75	8999	4.84	ug/l #	48
38) Carbon Tetrachloride	7.630	117	12068	6.99	ug/l #	17
71) Bromoform	12.357	173	29	2.53	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	41176	26.00	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	41176	82.87	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.247	75	103	1.17	ug/l #	1

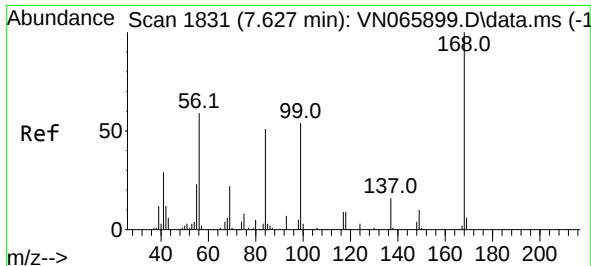
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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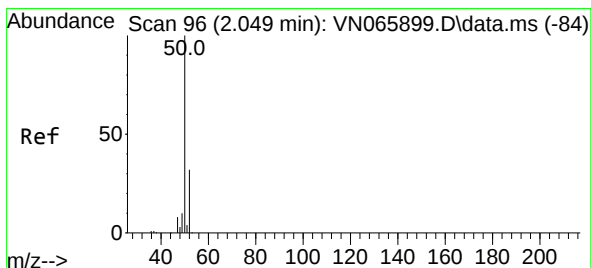
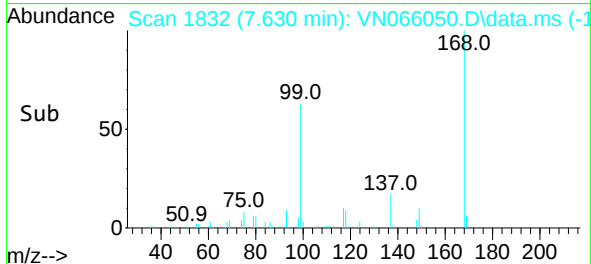
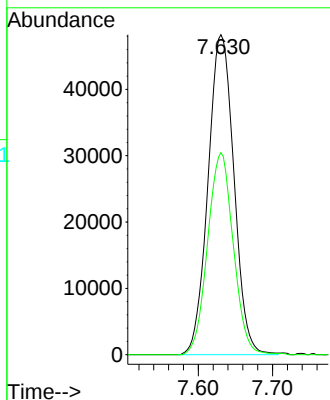
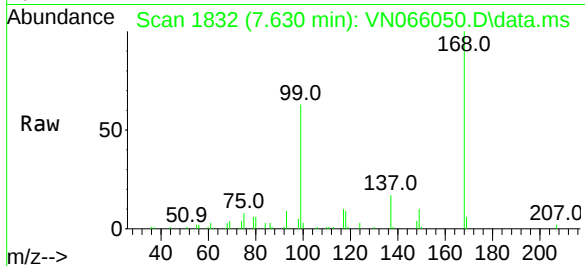




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

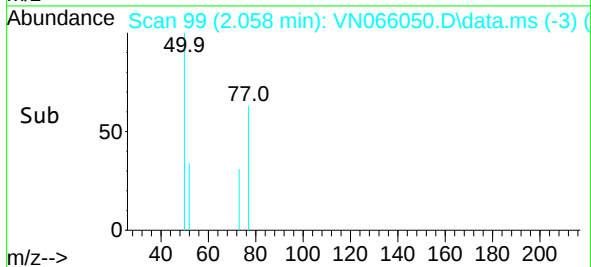
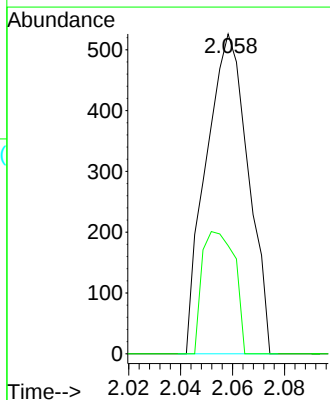
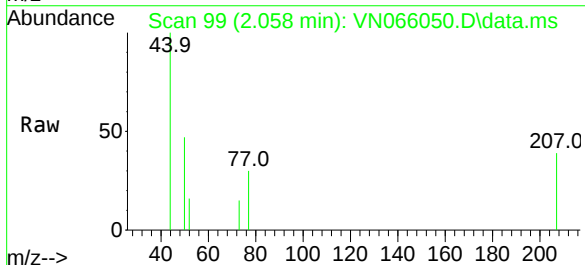
Instrument :
MSVOA_N
ClientSampleId :
EB-01-022521

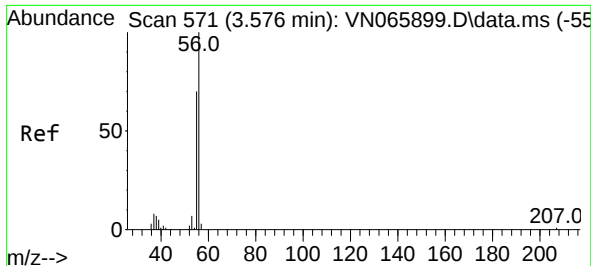
Tgt Ion:168 Resp: 116974
Ion Ratio Lower Upper
168 100
99 63.1 42.6 63.8



#3
Chloromethane
Concen: 0.31 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Tgt Ion: 50 Resp: 593
Ion Ratio Lower Upper
50 100
52 33.8 25.8 38.8

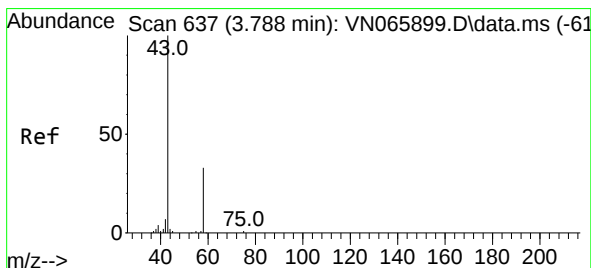
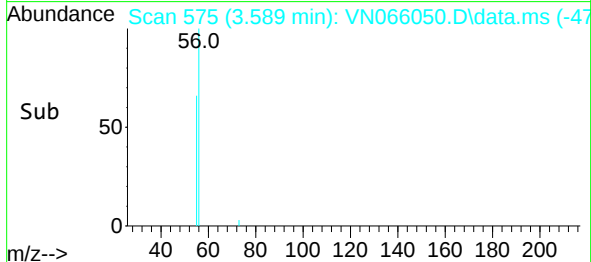
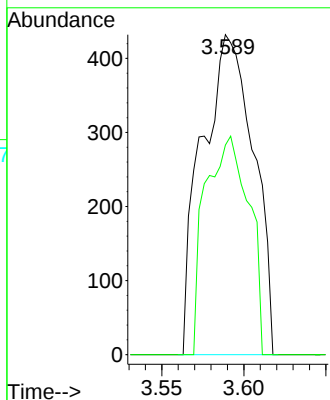
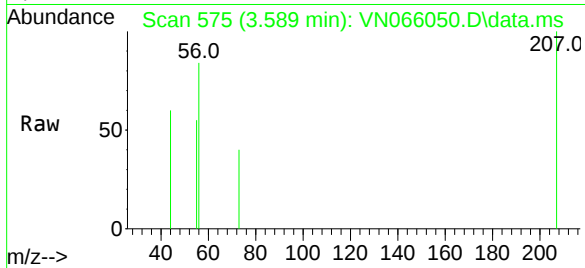




#13
Acrolein
Concen: 4.53 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

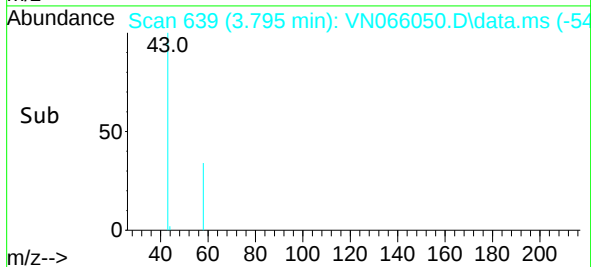
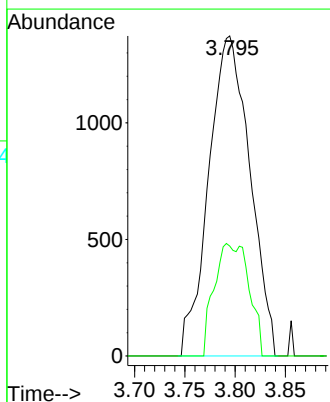
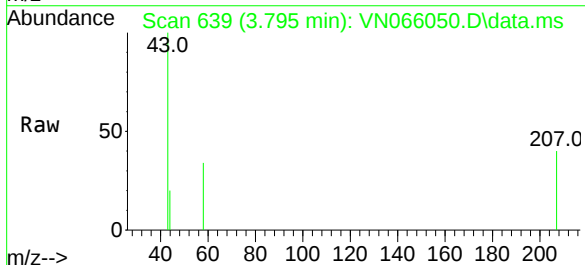
Instrument :
MSVOA_N
ClientSampleId :
EB-01-022521

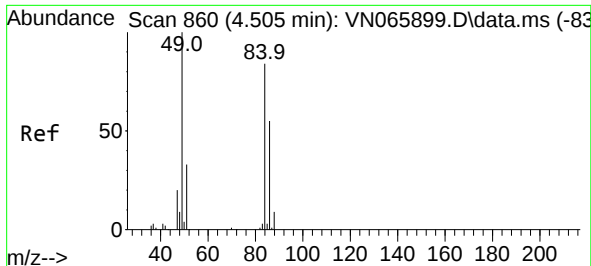
Tgt Ion: 56 Resp: 943
Ion Ratio Lower Upper
56 100
55 57.7 56.0 84.0



#16
Acetone
Concen: 6.04 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

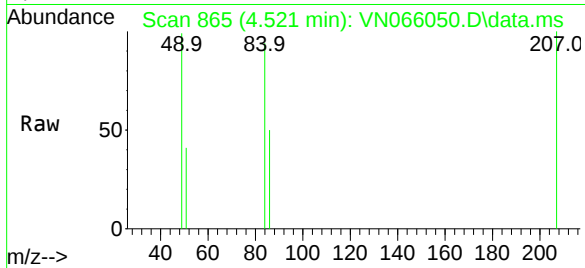
Tgt Ion: 43 Resp: 3909
Ion Ratio Lower Upper
43 100
58 34.4 27.0 40.6



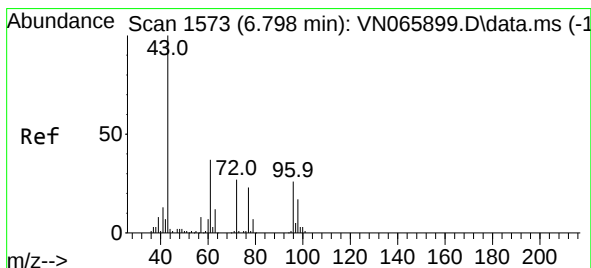
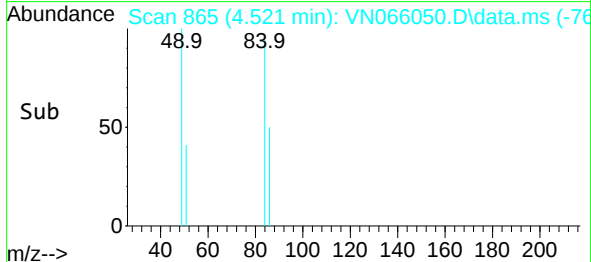
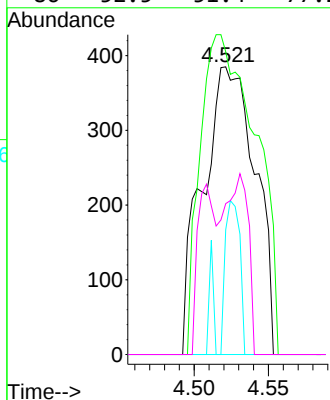


#20
Methylene Chloride
Concen: 0.63 ug/l
RT: 4.521 min Scan# 865
Delta R.T. 0.016 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Instrument :
MSVOA_N
ClientSampleId :
EB-01-022521

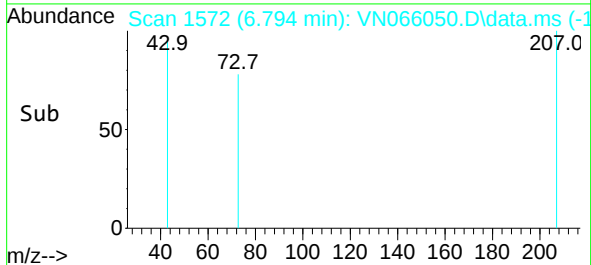
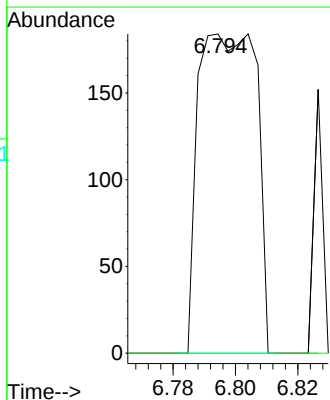
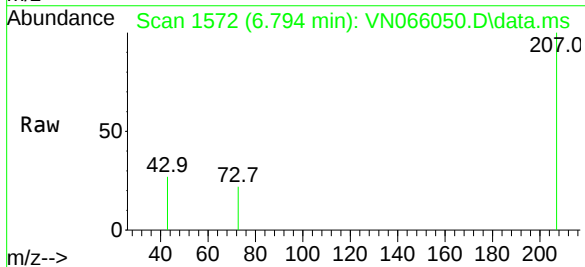


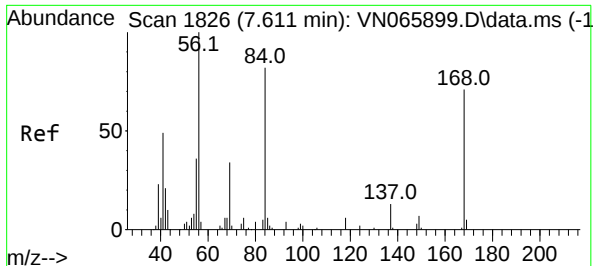
Tgt Ion:	84	Resp:	953
Ion	Ratio	Lower	Upper
84	100		
49	105.2	94.6	141.8
51	43.4	29.9	44.9
86	52.5	51.4	77.2



#25
2-Butanone
Concen: 0.29 ug/l
RT: 6.794 min Scan# 1572
Delta R.T. -0.004 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Tgt Ion:	43	Resp:	237
Ion	Ratio	Lower	Upper
43	100		
72	82.1	23.1	34.7#





#31

Cyclohexane

Concen: 1.02 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. 0.016 min

Lab File: VN066050.D

Acq: 26 Feb 2021 14:46

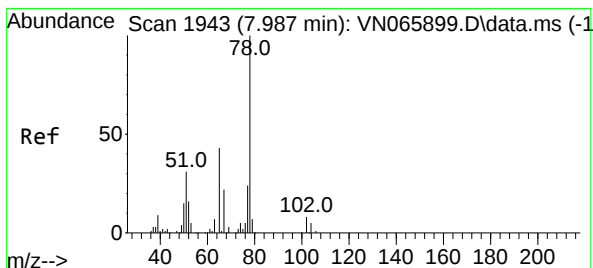
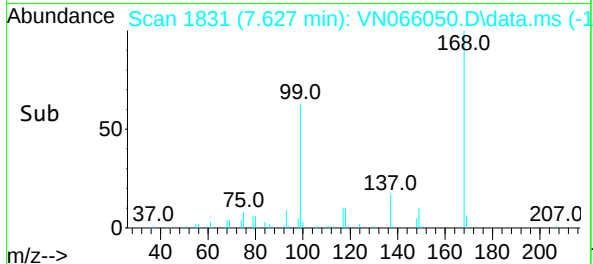
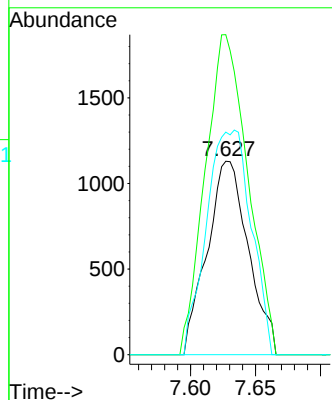
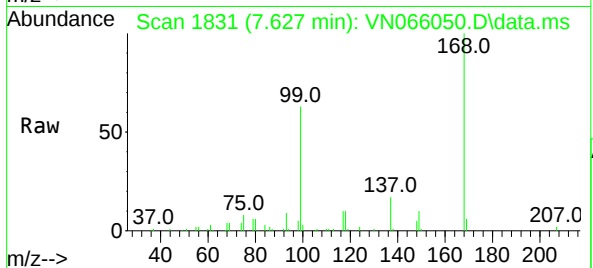
Tgt Ion: 56 Resp: 2498

Ion Ratio Lower Upper

56 100

69 165.4 26.6 39.8#

84 115.0 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 48.49 ug/l

RT: 7.990 min Scan# 1944

Delta R.T. 0.003 min

Lab File: VN066050.D

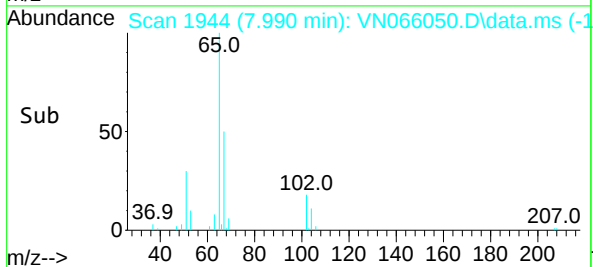
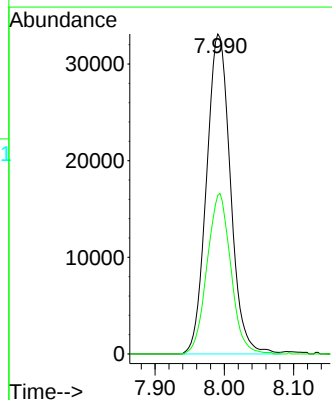
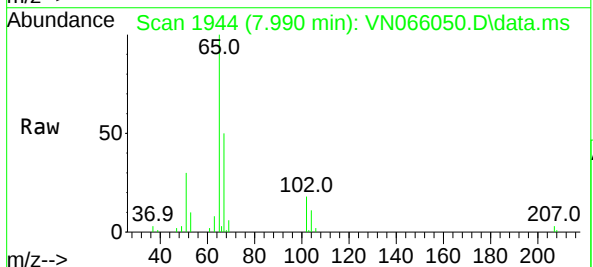
Acq: 26 Feb 2021 14:46

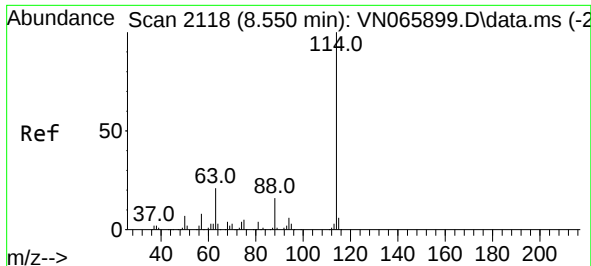
Tgt Ion: 65 Resp: 79326

Ion Ratio Lower Upper

65 100

67 49.7 0.0 107.2

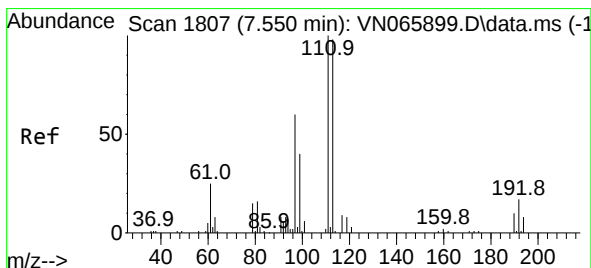
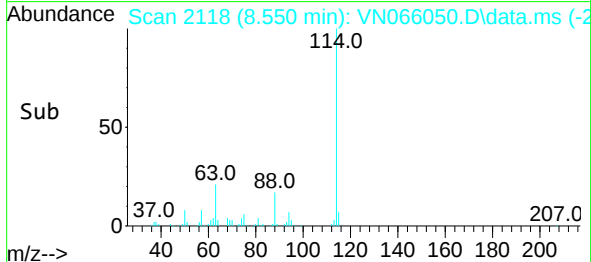
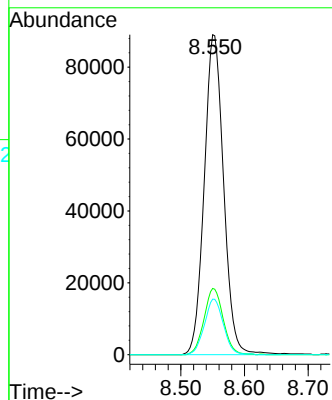
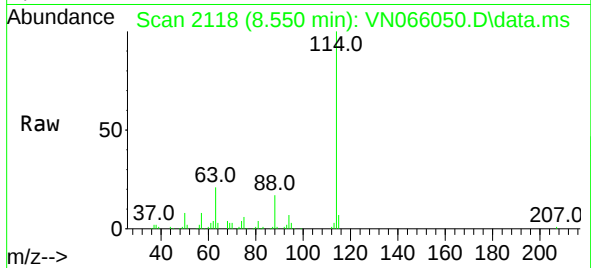




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

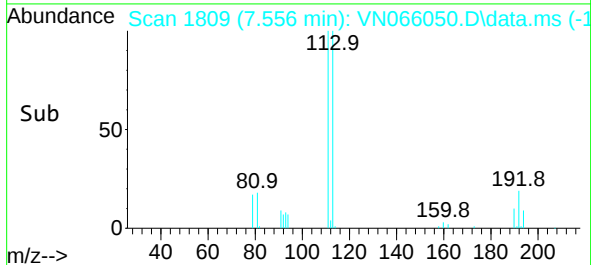
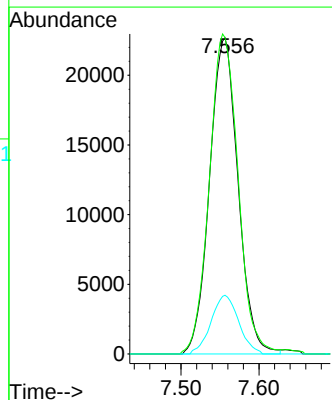
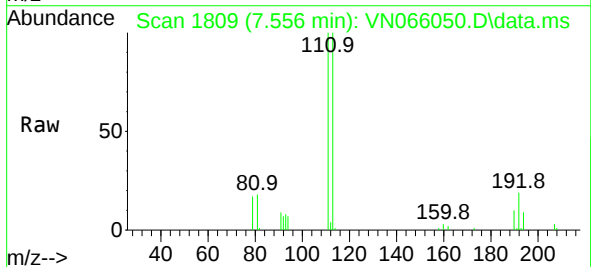
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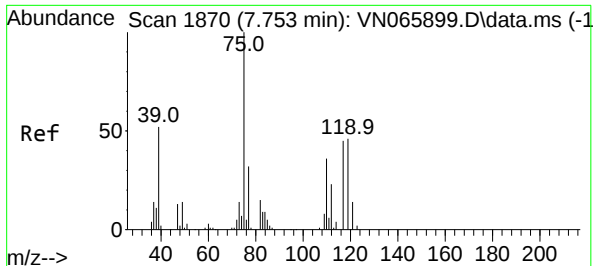
Tgt Ion:114 Resp: 188417
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.6
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.38 ug/l
RT: 7.556 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Tgt Ion:113 Resp: 57588
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 18.0 15.4 23.0



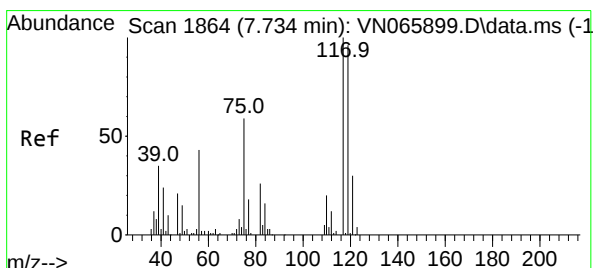
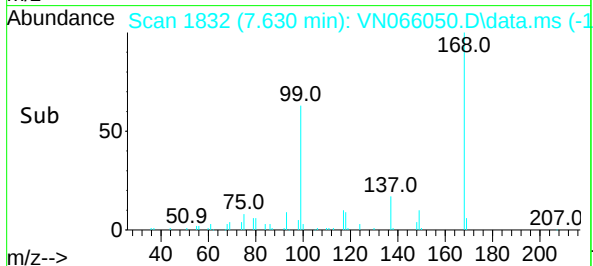
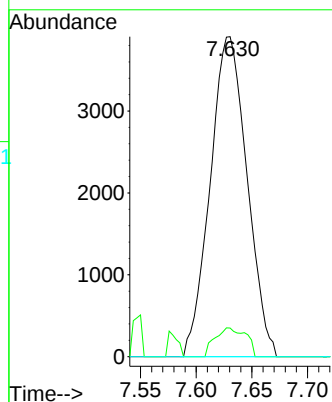
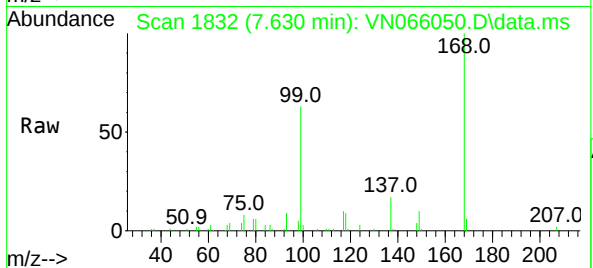


#36

1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Instrument :
MSVOA_N
ClientSampleId :
EB-01-022521

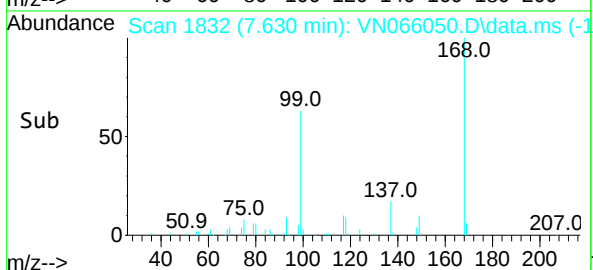
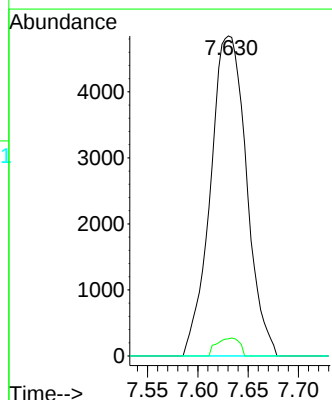
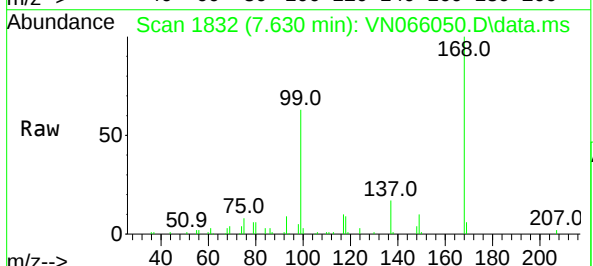
Tgt Ion: 75 Resp: 8999
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#

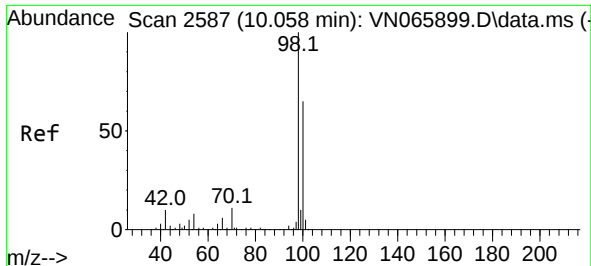


#38

Carbon Tetrachloride
Concen: 6.99 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Tgt Ion: 117 Resp: 12068
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#

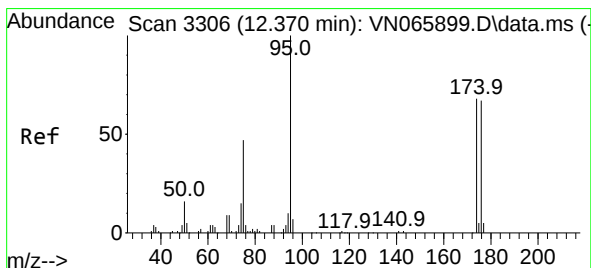
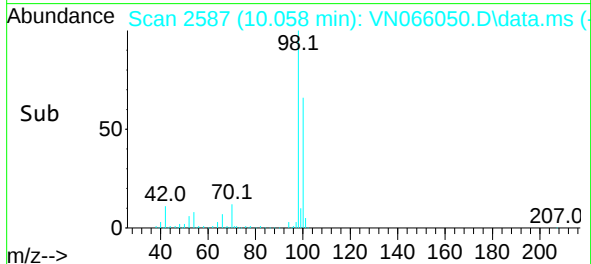
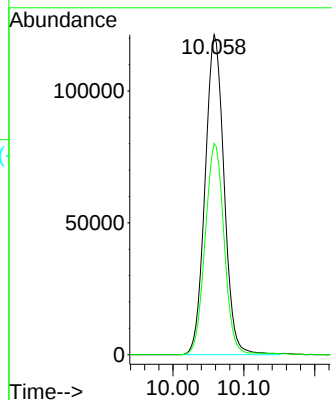
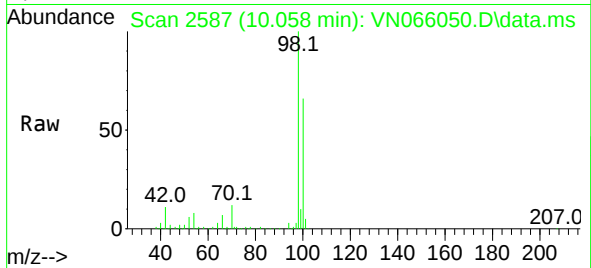




#50
Toluene-d8
Concen: 47.10 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

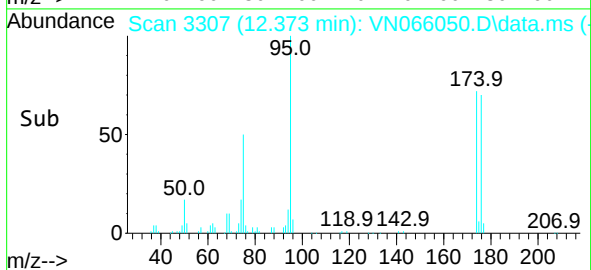
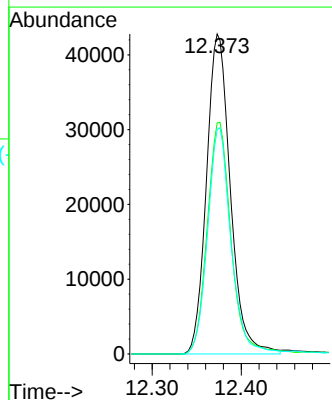
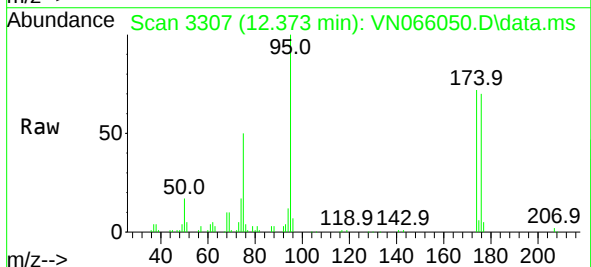
Instrument :
MSVOA_N
ClientSampleId :
EB-01-022521

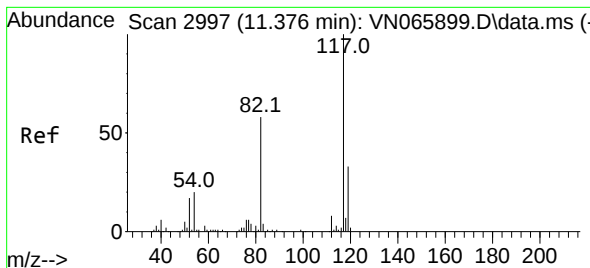
Tgt Ion: 98 Resp: 225457
Ion Ratio Lower Upper
98 100
100 66.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.34 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Tgt Ion: 95 Resp: 79682
Ion Ratio Lower Upper
95 100
174 72.1 0.0 169.0
176 69.1 0.0 162.4

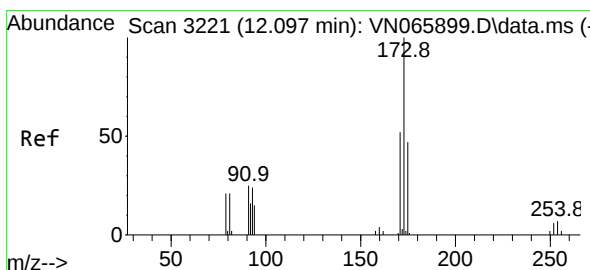
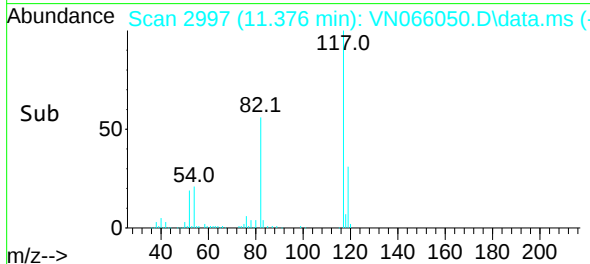
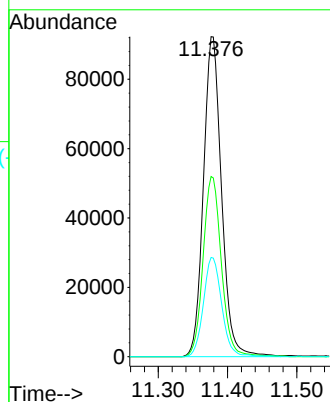
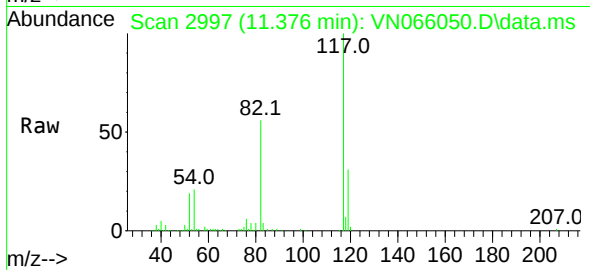




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

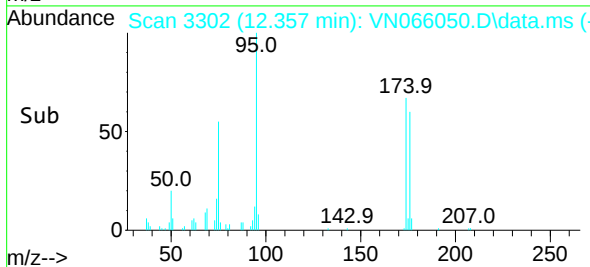
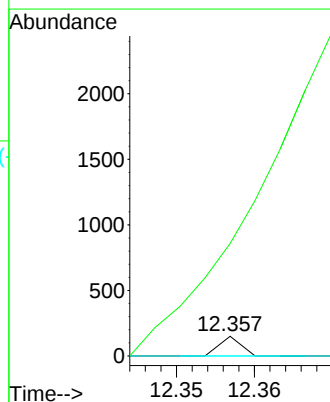
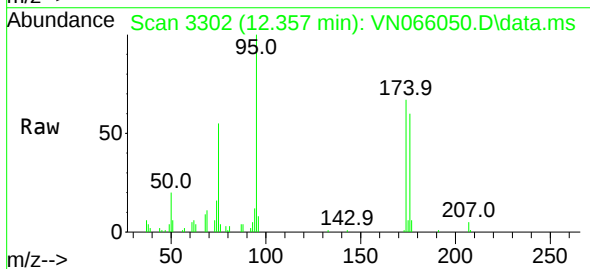
Instrument :
MSVOA_N
ClientSampled :
EB-01-022521

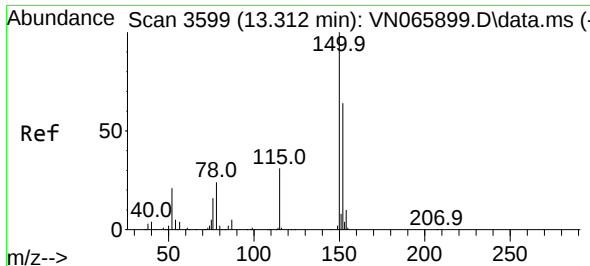
Tgt Ion:117 Resp: 167389
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 31.0 26.1 39.1



#71
Bromoform
Concen: 2.53 ug/l
RT: 12.357 min Scan# 3302
Delta R.T. 0.260 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Tgt Ion:173 Resp: 29
Ion Ratio Lower Upper
173 100
175 12603.4 23.8 71.2#
254 0.0 0.0 0.0

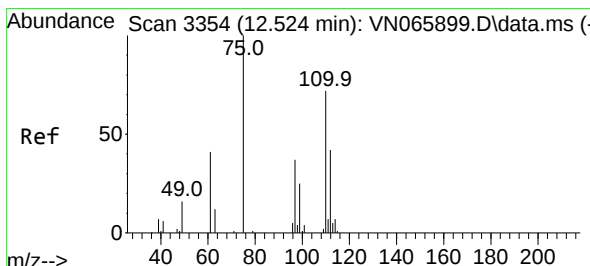
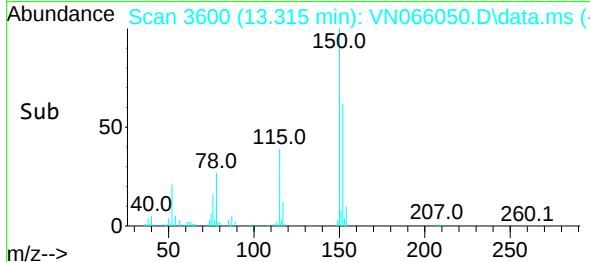
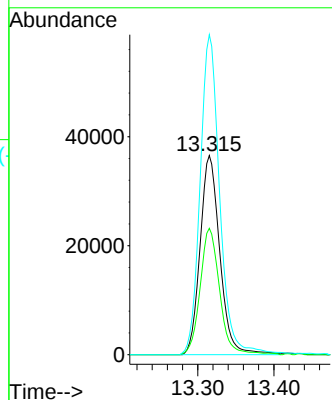
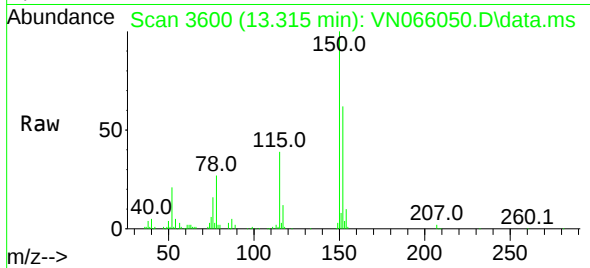




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066050.D
 Acq: 26 Feb 2021 14:46

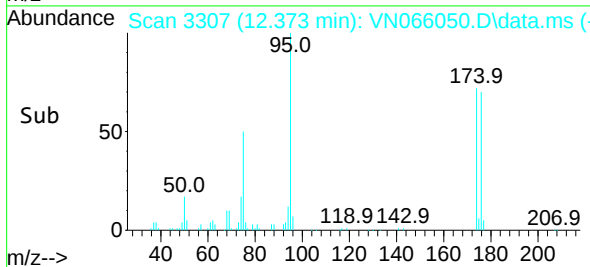
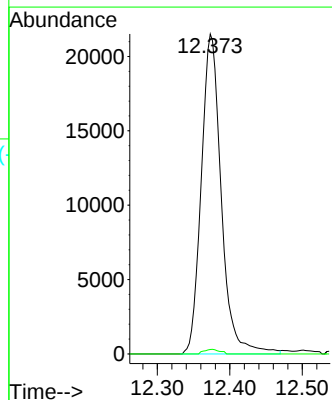
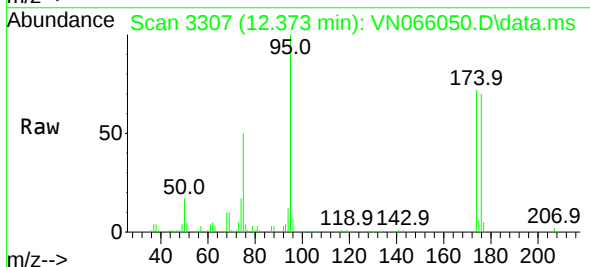
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-022521

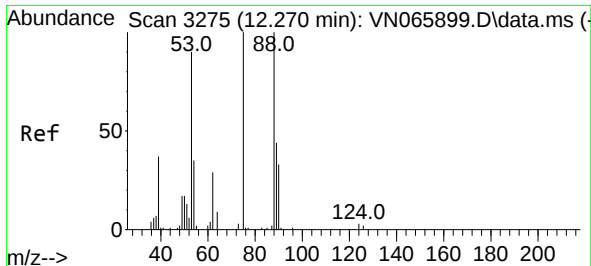
Tgt Ion:152 Resp: 65914
 Ion Ratio Lower Upper
 152 100
 115 62.6 28.5 85.6
 150 159.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 26.00 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN066050.D
 Acq: 26 Feb 2021 14:46

Tgt Ion: 75 Resp: 41176
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

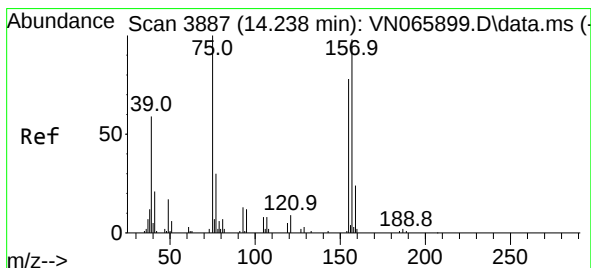
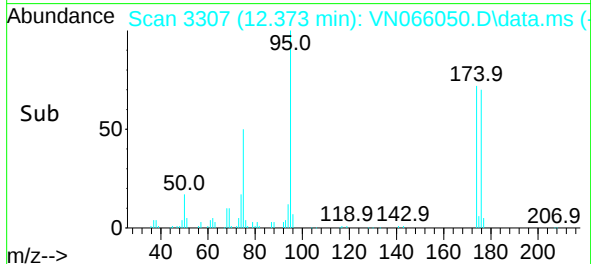
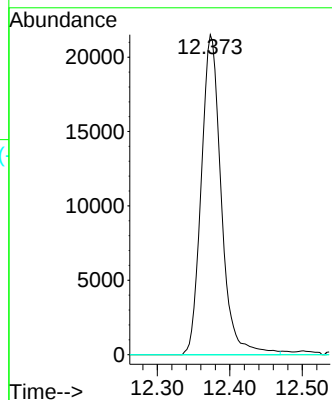
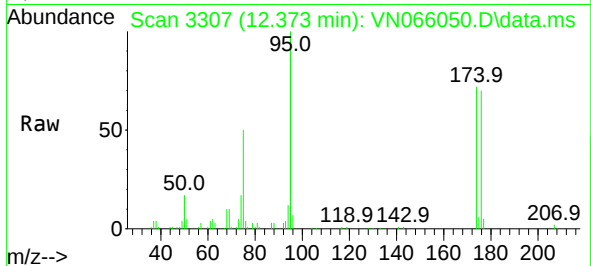




#81
trans-1,4-Dichloro-2-butene
Concen: 82.87 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Instrument :
MSVOA_N
ClientSampleId :
EB-01-022521

Tgt Ion: 75 Resp: 41176
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: 1.17 ug/l
RT: 14.247 min Scan# 3890
Delta R.T. 0.009 min
Lab File: VN066050.D
Acq: 26 Feb 2021 14:46

Tgt Ion: 75 Resp: 103
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

