

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN066010.D
 Acq On : 24 Feb 2021 17:40
 Operator : JC/MD
 Sample : M1474-06RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-EB-20210223

Quant Time: Feb 25 02:16:07 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)

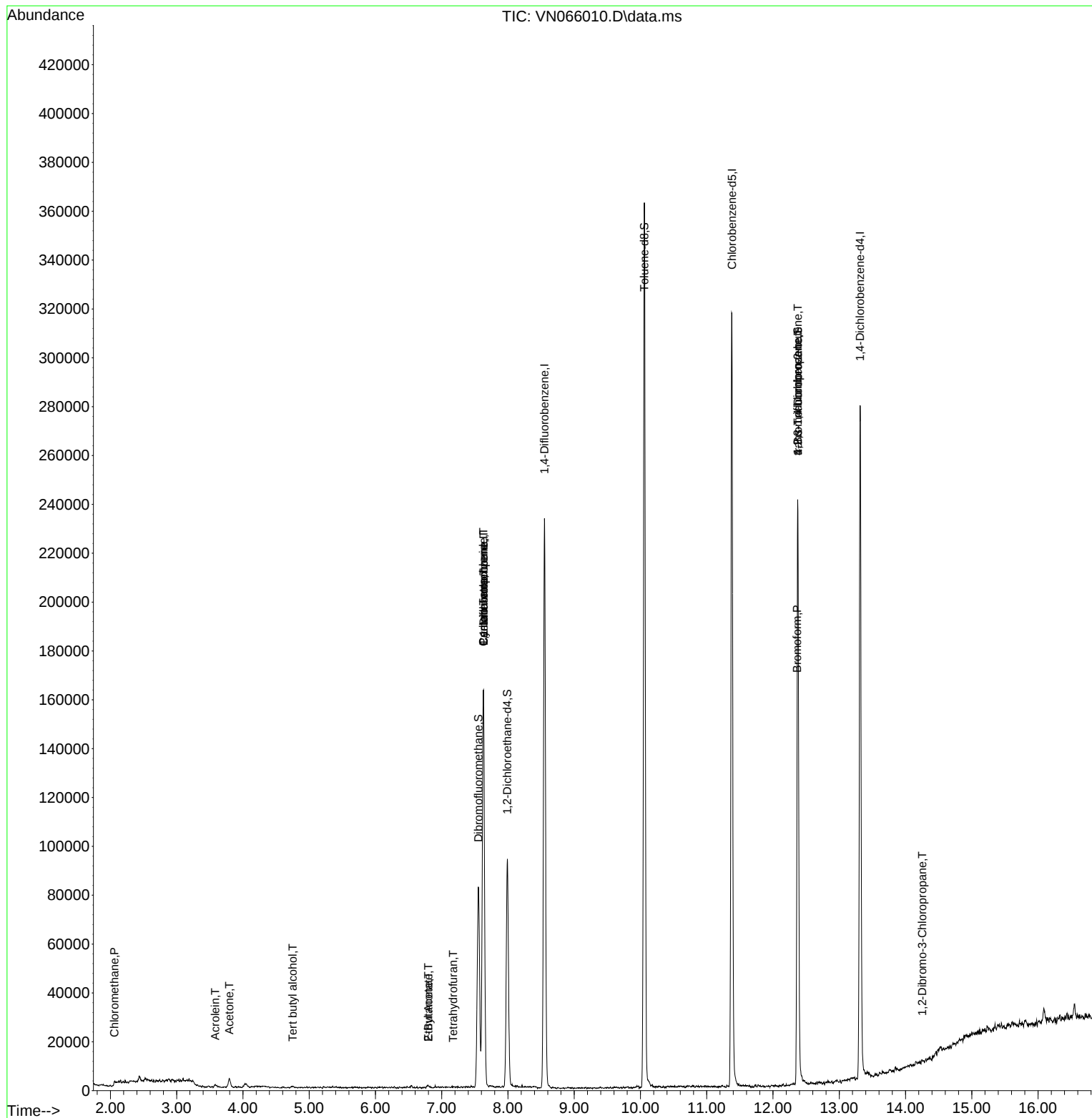
Internal Standards						
1) Pentafluorobenzene	7.630	168	130328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	214829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	196386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	80120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	86120	47.25	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.50%
35) Dibromofluoromethane	7.553	113	64212	48.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.60%
50) Toluene-d8	10.058	98	259411	47.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.06%
62) 4-Bromofluorobenzene	12.373	95	94984	46.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.72%
Target Compounds						
					Qvalue	
3) Chloromethane	2.058	50	992	0.46	ug/l	98
11) Tert butyl alcohol	4.753	59	1312	5.18	ug/l #	73
13) Acrolein	3.582	56	1364	5.88	ug/l #	65
16) Acetone	3.795	43	6429	9.69	ug/l	95
25) 2-Butanone	6.798	43	663	0.73	ug/l #	46
29) Tetrahydrofuran	7.174	42	308	0.50	ug/l #	32
31) Cyclohexane	7.630	56	2455	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	10120	4.78	ug/l #	49
37) Ethyl Acetate	6.798	43	663	0.35	ug/l #	68
38) Carbon Tetrachloride	7.627	117	13494	6.85	ug/l #	17
71) Bromoform	12.363	173	144	2.63	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	49142	25.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	49142	81.37	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.254	75	72	1.03	ug/l #	1

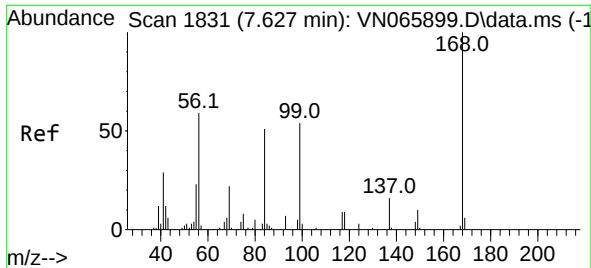
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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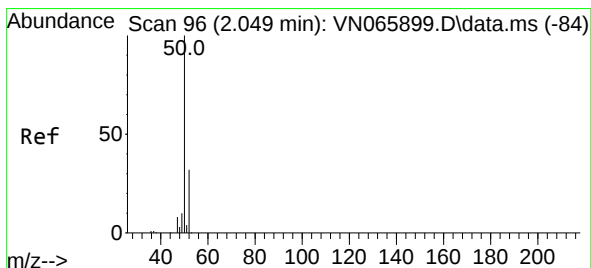
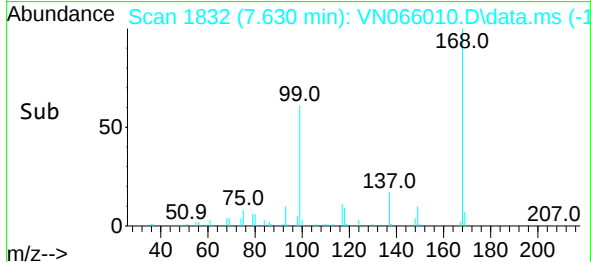
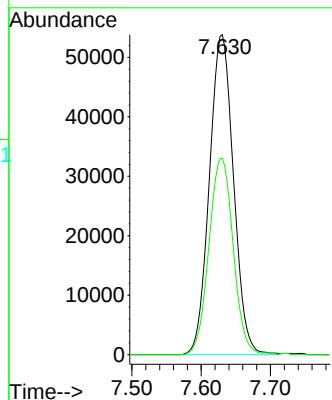
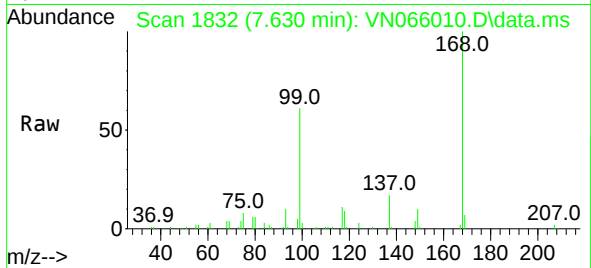




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

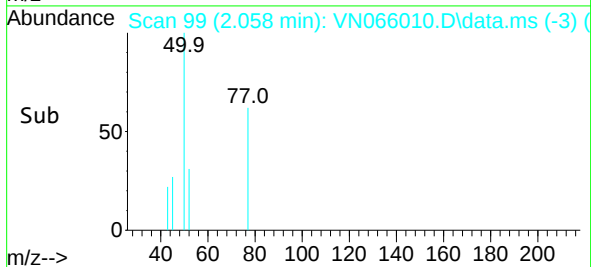
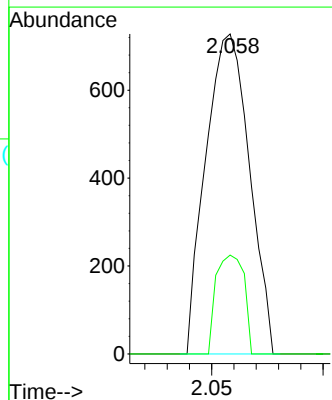
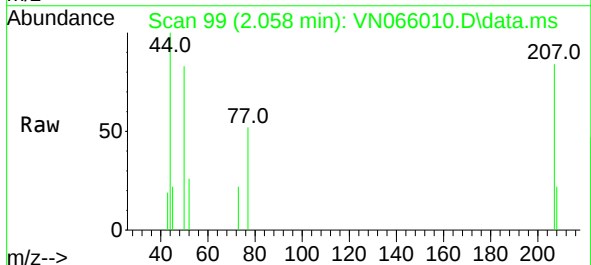
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210223

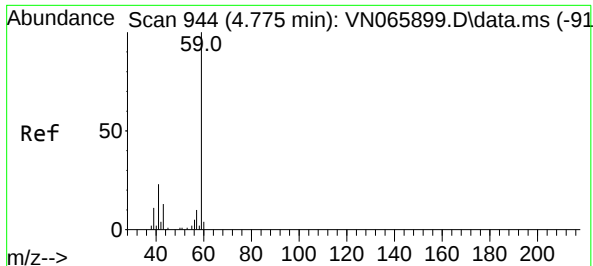
Tgt Ion:168 Resp: 130328
Ion Ratio Lower Upper
168 100
99 61.4 42.6 63.8



#3
Chloromethane
Concen: 0.46 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

Tgt Ion: 50 Resp: 992
Ion Ratio Lower Upper
50 100
52 30.9 25.8 38.8

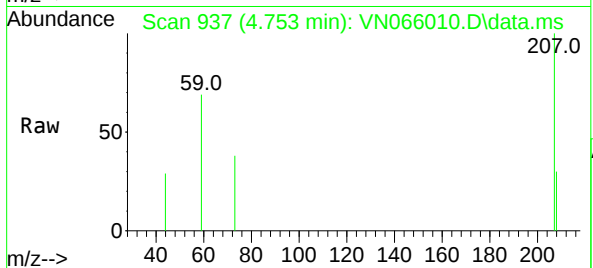




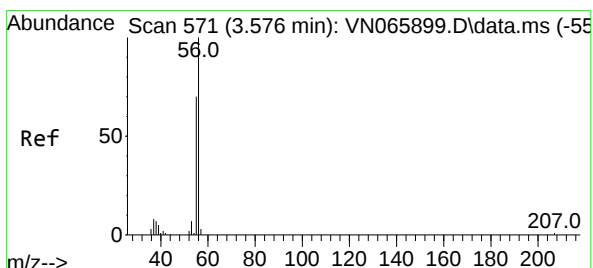
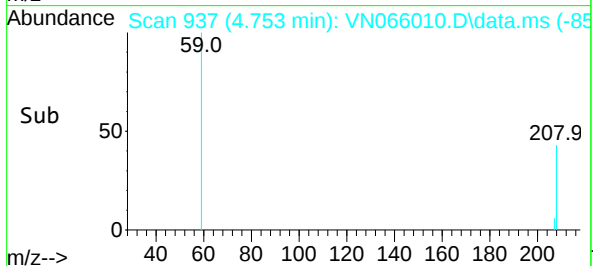
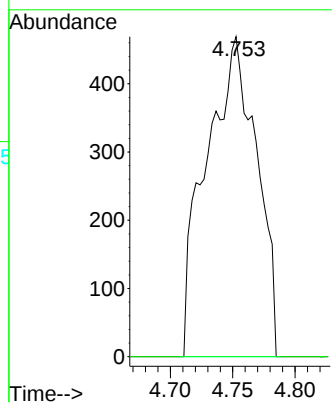
#11

Tert butyl alcohol
Concen: 5.18 ug/l
RT: 4.753 min Scan# 937
Delta R.T. -0.022 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210223

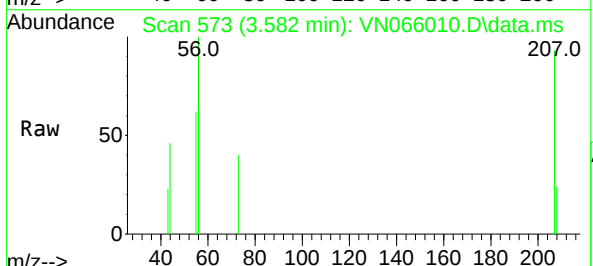


Tgt Ion: 59 Resp: 1312
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

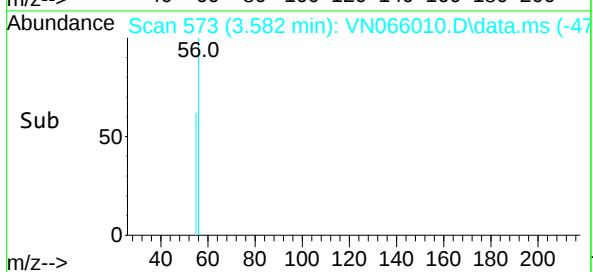
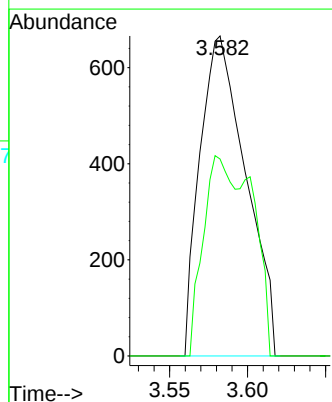


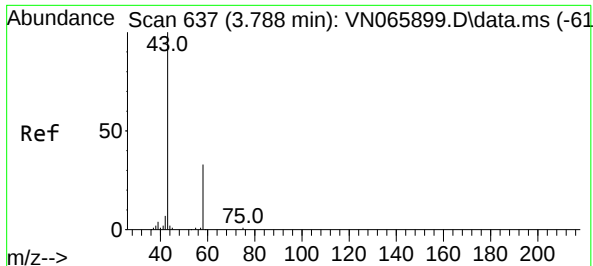
#13

Acrolein
Concen: 5.88 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.006 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40



Tgt Ion: 56 Resp: 1364
Ion Ratio Lower Upper
56 100
55 41.0 56.0 84.0#

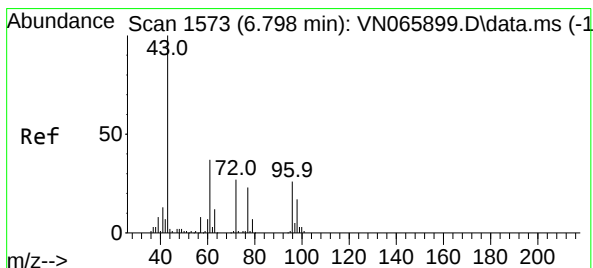
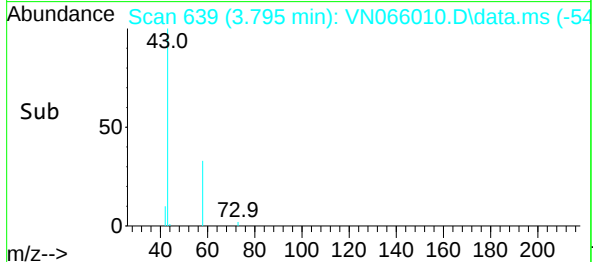
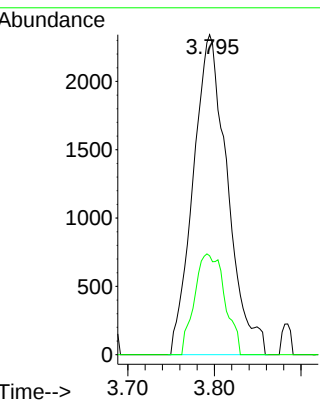
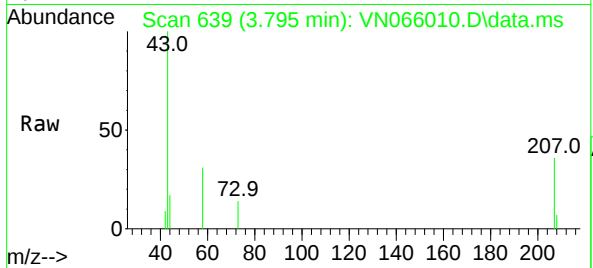




#16
Acetone
Concen: 9.69 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

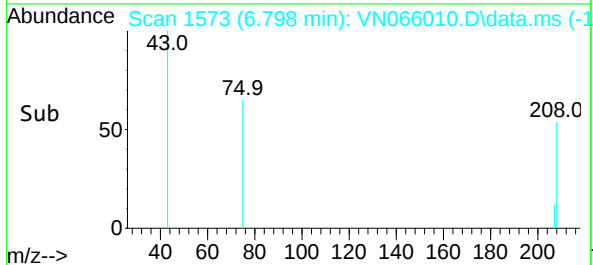
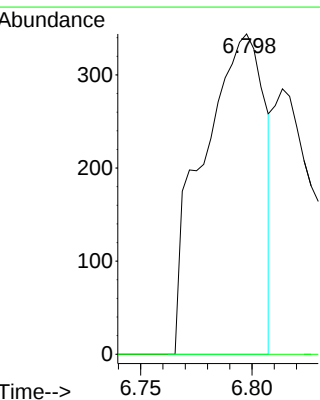
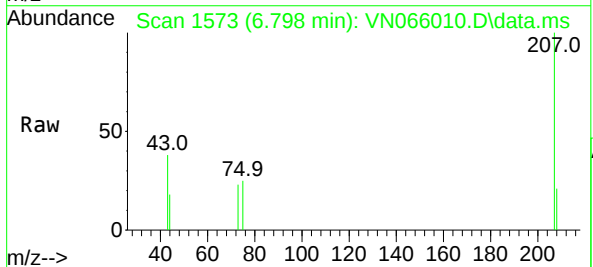
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210223

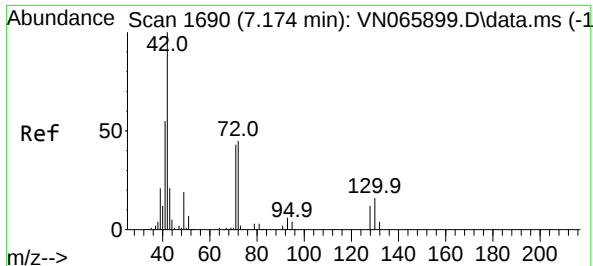
Tgt Ion: 43 Resp: 6429
Ion Ratio Lower Upper
43 100
58 30.9 27.0 40.6



#25
2-Butanone
Concen: 0.73 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#





#29

Tetrahydrofuran

Concen: 0.50 ug/l

RT: 7.174 min Scan# 1690

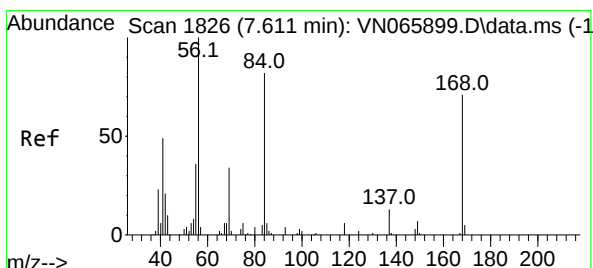
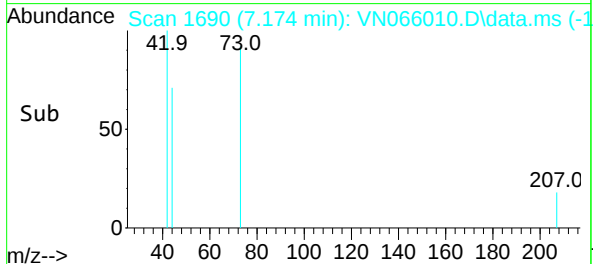
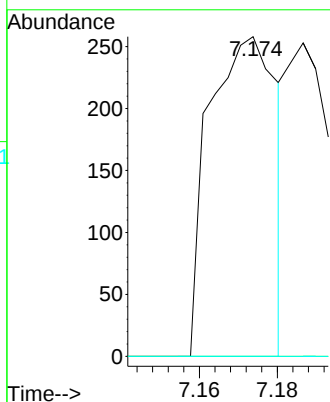
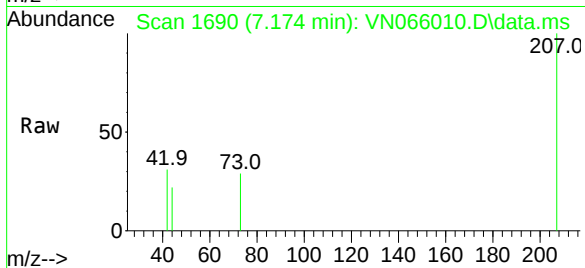
Delta R.T. -0.000 min

Lab File: VN066010.D

Acq: 24 Feb 2021 17:40

Tgt Ion: 42	Resp: 308
Ion Ratio	Lower Upper
42 100	
72 0.0	36.6 55.0#
71 0.0	34.3 51.5#

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210223



#31

Cyclohexane

Concen: 0.90 ug/l

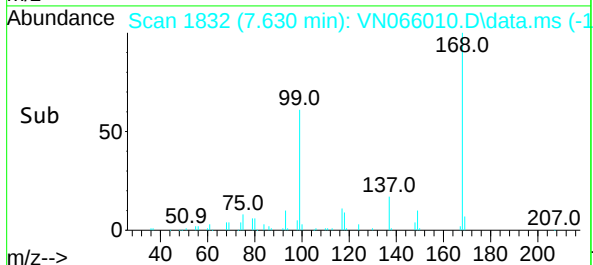
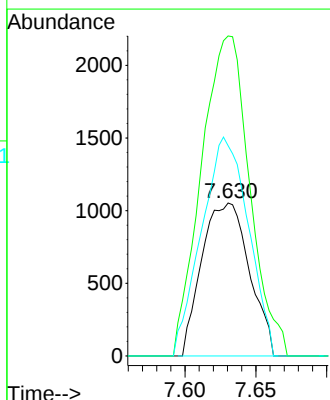
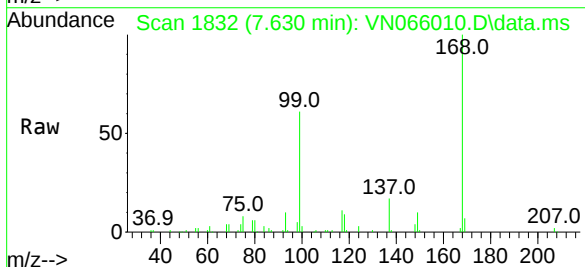
RT: 7.630 min Scan# 1832

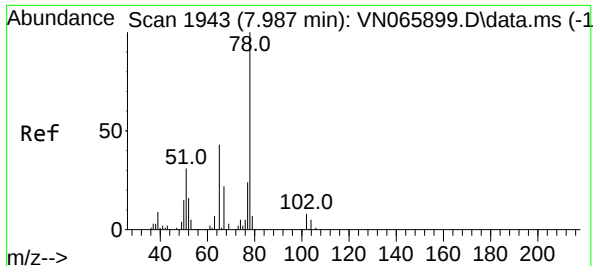
Delta R.T. 0.019 min

Lab File: VN066010.D

Acq: 24 Feb 2021 17:40

Tgt Ion: 56	Resp: 2455		
Ion Ratio	Lower	Upper	
56	100		
69	188.5	26.6	39.8#
84	137.4	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 47.25 ug/l

RT: 7.990 min Scan# 1944

Delta R.T. 0.003 min

Lab File: VN066010.D

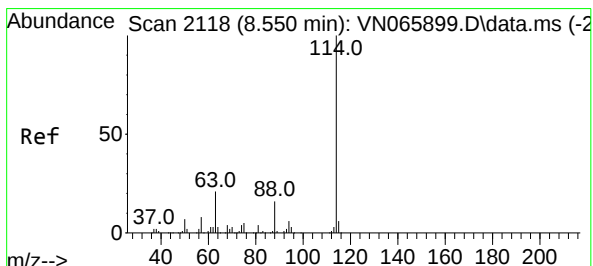
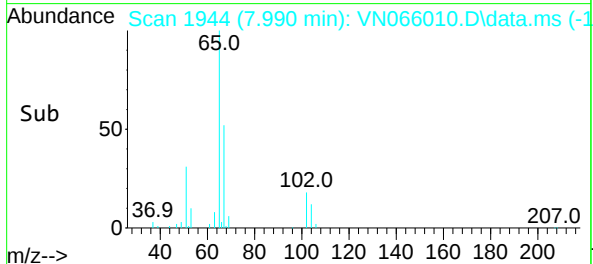
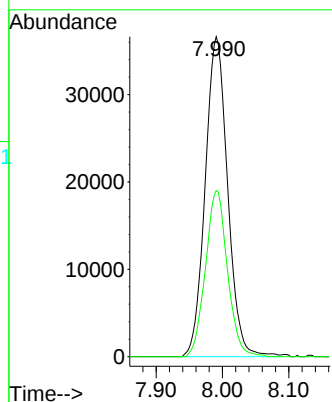
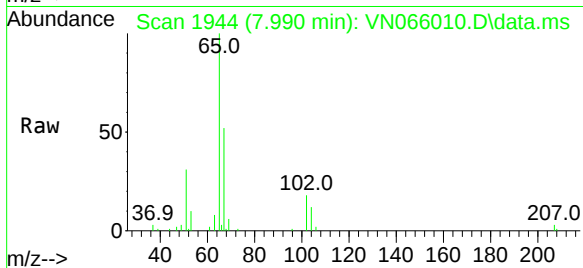
Acq: 24 Feb 2021 17:40

Tgt Ion: 65 Resp: 86120

Ion Ratio Lower Upper

65 100

67 50.8 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: VN066010.D

Acq: 24 Feb 2021 17:40

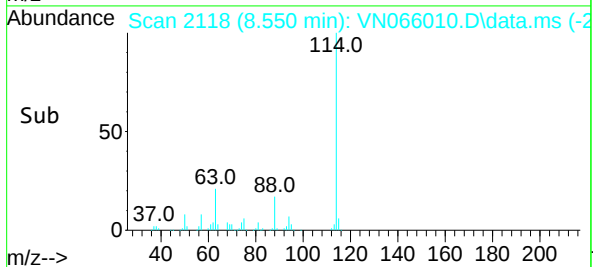
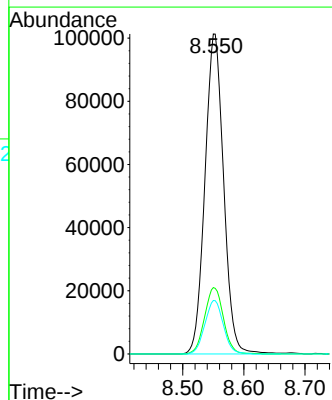
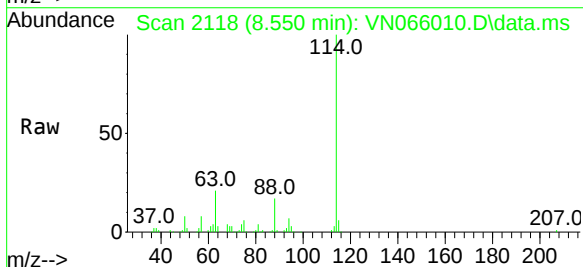
Tgt Ion: 114 Resp: 214829

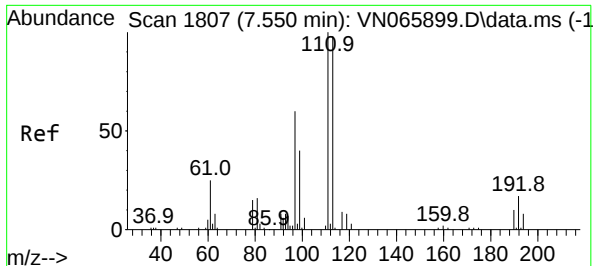
Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.6

88 16.7 0.0 30.6



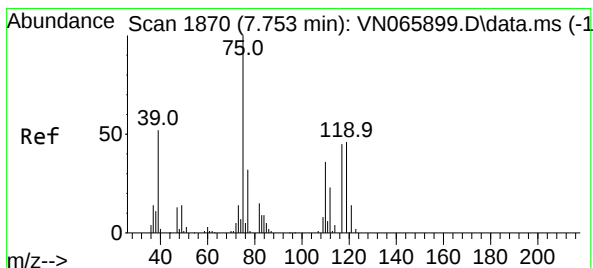
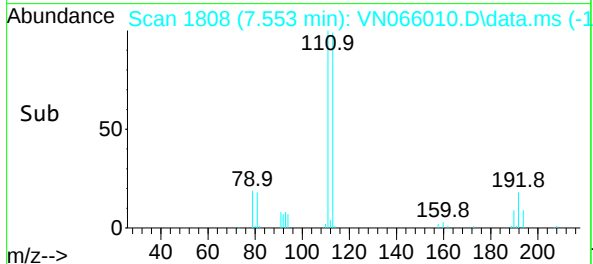
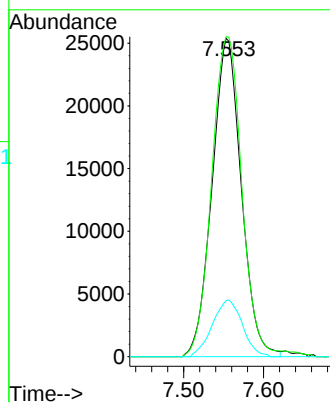
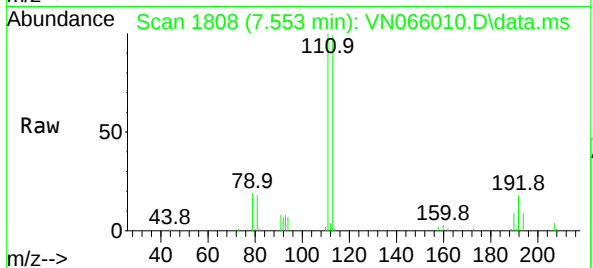


#35

Dibromofluoromethane
Concen: 48.30 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
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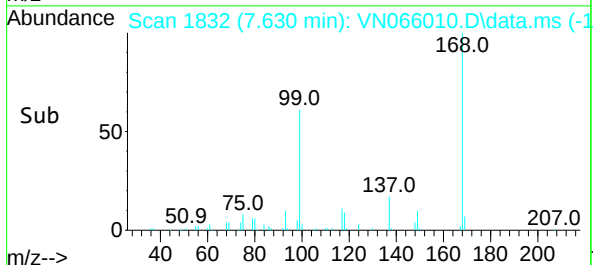
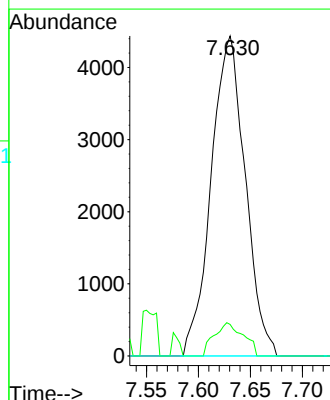
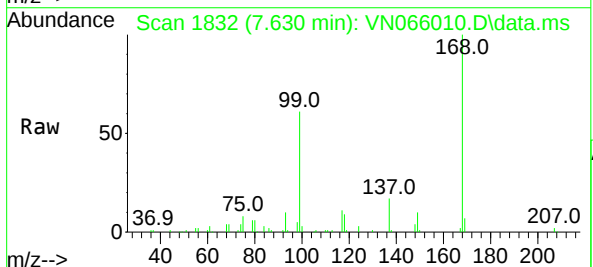
Tgt Ion:113 Resp: 64212
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 18.4 15.4 23.0

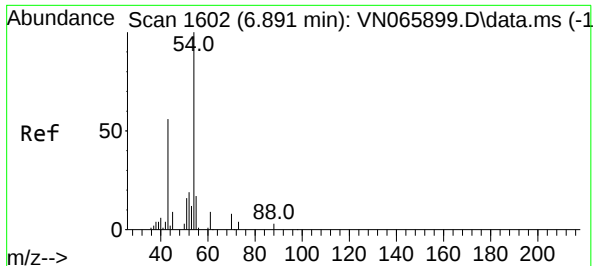


#36

1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

Tgt Ion: 75 Resp: 10120
Ion Ratio Lower Upper
75 100
110 8.9 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.35 ug/l

RT: 6.798 min Scan# 1573

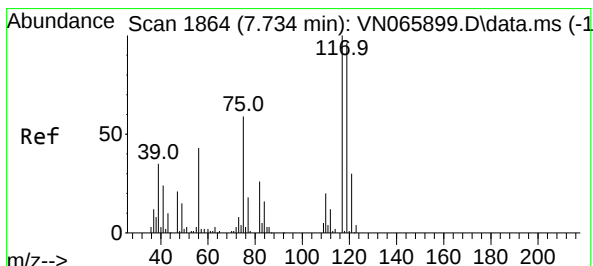
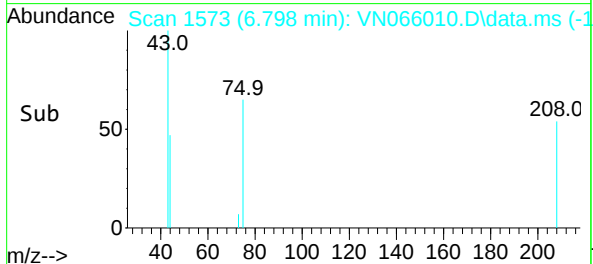
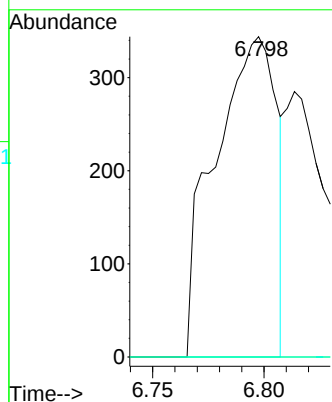
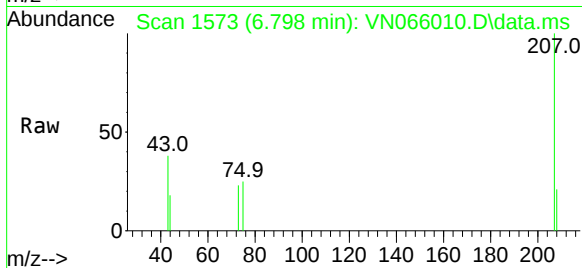
Delta R.T. -0.093 min

Lab File: VN066010.D

Acq: 24 Feb 2021 17:40

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MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210223

Tgt Ion: 43	Resp: 663
Ion Ratio	Lower Upper
43 100	
61 0.0	11.6 17.4#
70 0.0	8.6 13.0#



#38

Carbon Tetrachloride

Concen: 6.85 ug/l

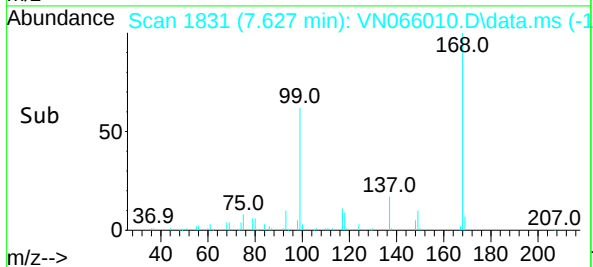
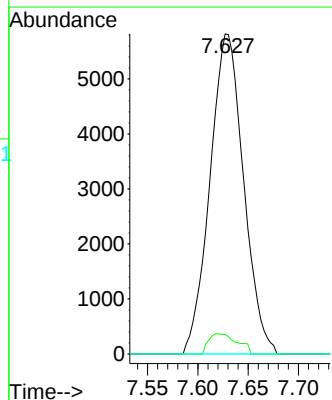
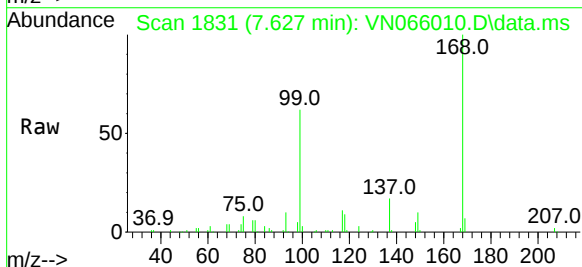
RT: 7.627 min Scan# 1831

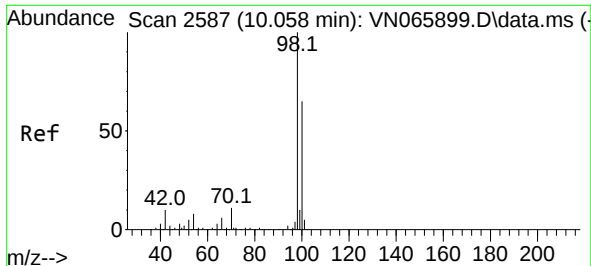
Delta R.T. -0.107 min

Lab File: VN066010.D

Acq: 24 Feb 2021 17:40

Tgt Ion: 117	Resp: 13494
Ion Ratio	Lower Upper
117 100	
119 6.1	76.0 114.0#
121 0.0	24.5 36.7#

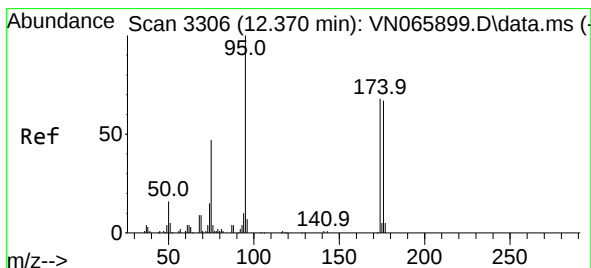
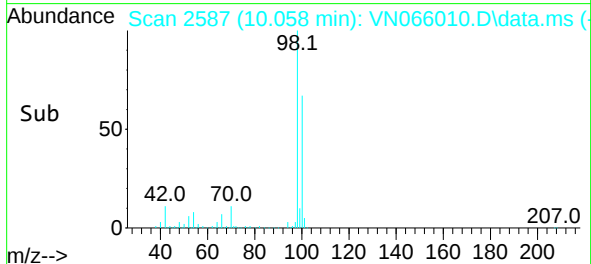
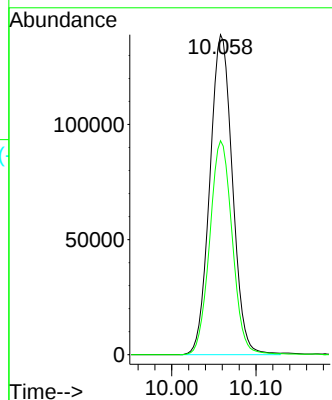
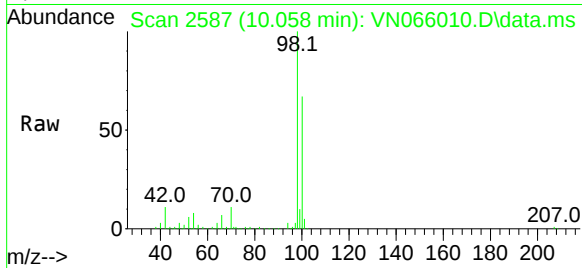




#50
Toluene-d8
Concen: 47.53 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

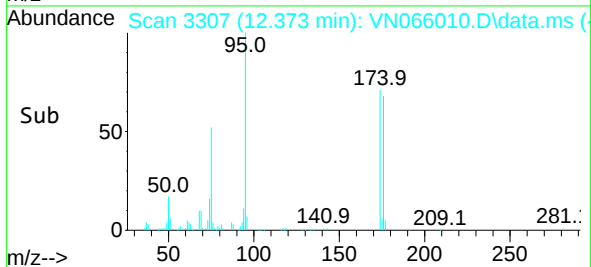
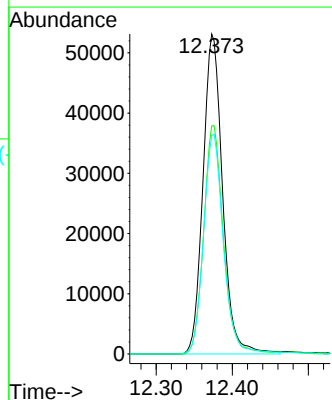
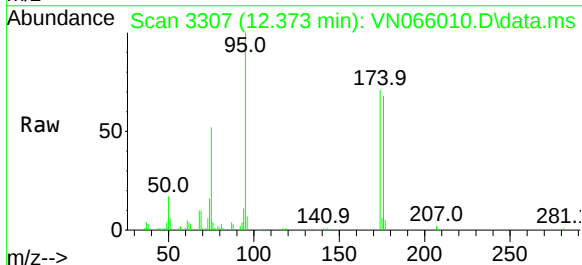
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210223

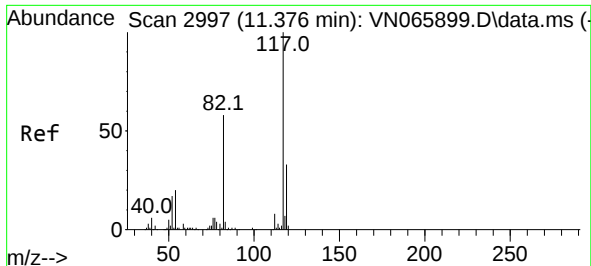
Tgt Ion: 98 Resp: 259411
Ion Ratio Lower Upper
98 100
100 66.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.36 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

Tgt Ion: 95 Resp: 94984
Ion Ratio Lower Upper
95 100
174 71.8 0.0 169.0
176 69.8 0.0 162.4

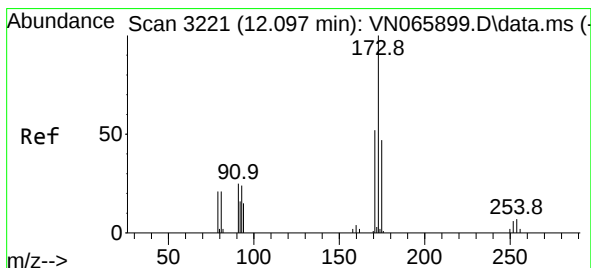
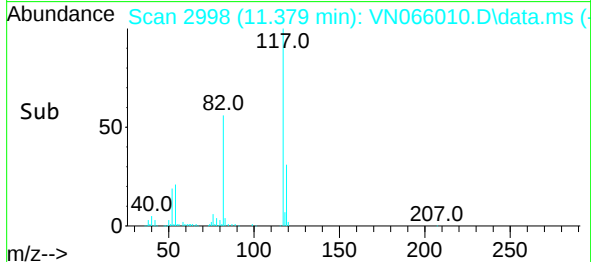
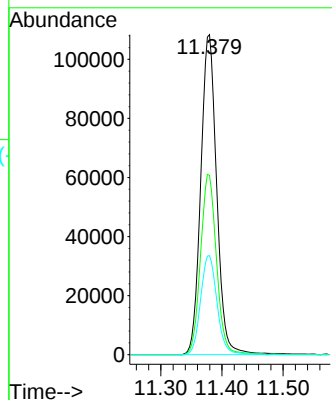
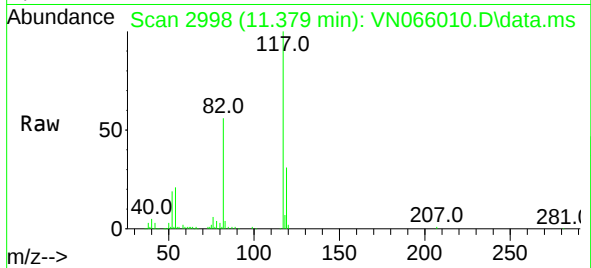




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

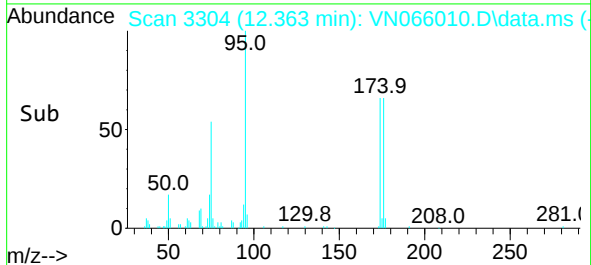
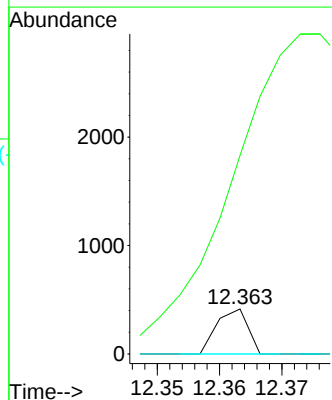
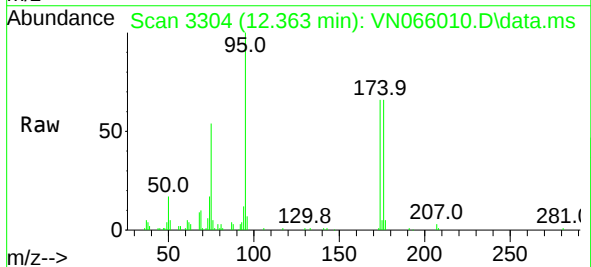
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210223

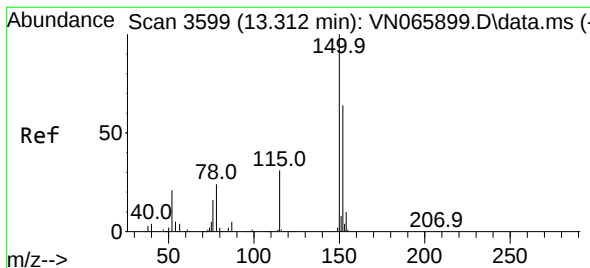
Tgt Ion:117 Resp: 196386
Ion Ratio Lower Upper
117 100
82 56.0 43.7 65.5
119 30.9 26.1 39.1



#71
Bromoform
Concen: 2.63 ug/l
RT: 12.363 min Scan# 3304
Delta R.T. 0.266 min
Lab File: VN066010.D
Acq: 24 Feb 2021 17:40

Tgt Ion:173 Resp: 144
Ion Ratio Lower Upper
173 100
175 2816.0 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: VN066010.D

Acq: 24 Feb 2021 17:40

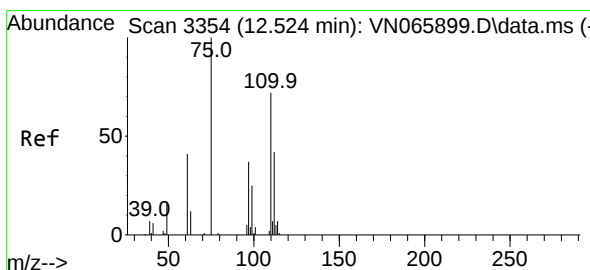
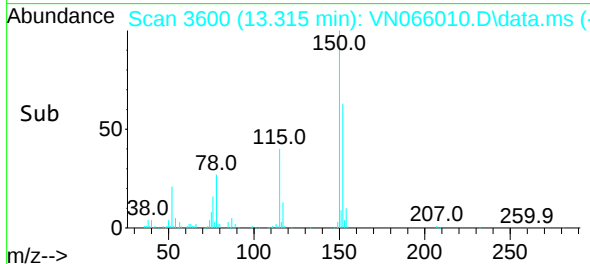
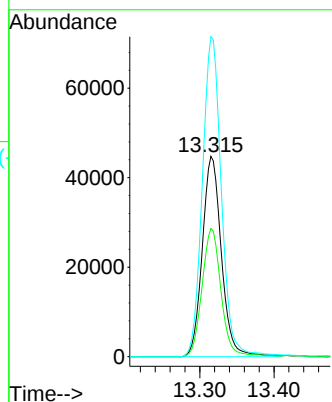
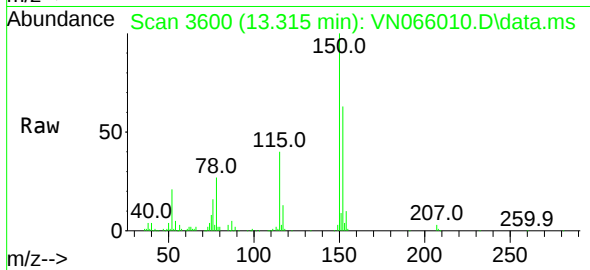
Tgt Ion:152 Resp: 80120

Ion Ratio Lower Upper

152 100

115 62.8 28.5 85.6

150 159.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 25.53 ug/l

RT: 12.373 min Scan# 3307

Delta R.T. -0.151 min

Lab File: VN066010.D

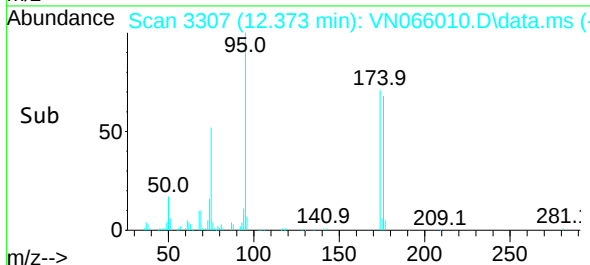
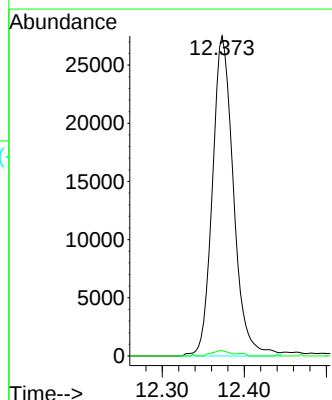
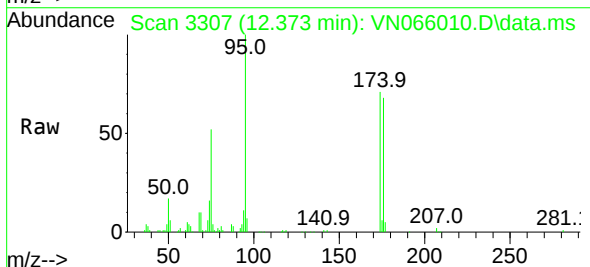
Acq: 24 Feb 2021 17:40

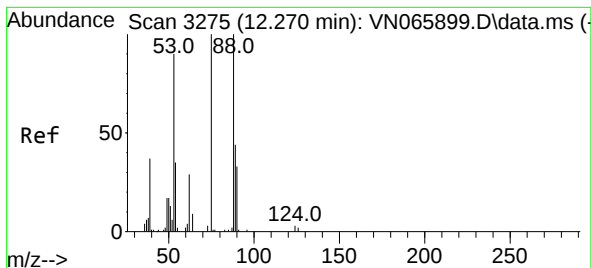
Tgt Ion: 75 Resp: 49142

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

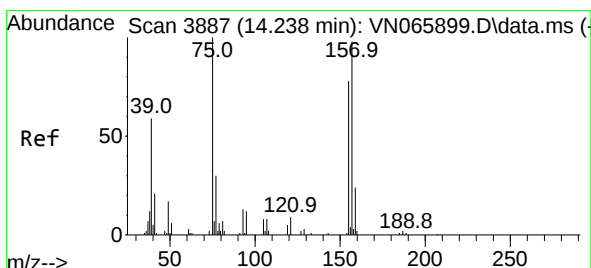
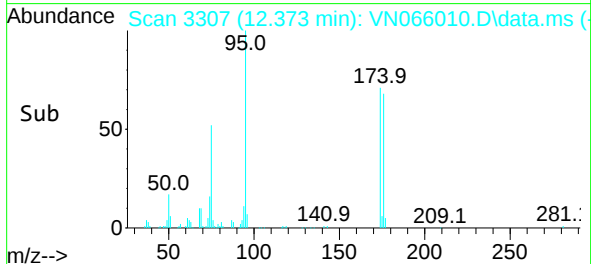
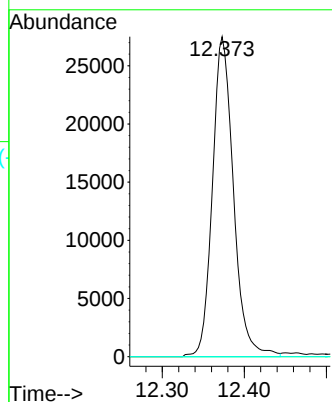
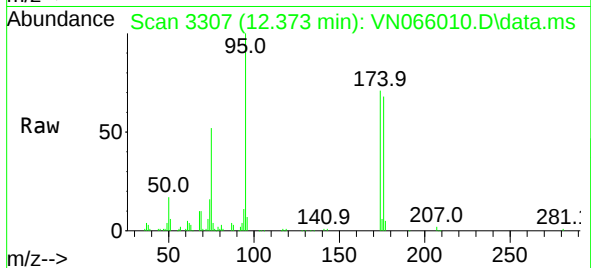




#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.37 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN066010.D
 Acq: 24 Feb 2021 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-EB-20210223

Tgt Ion: 75 Resp: 49142
 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: 1.03 ug/l
 RT: 14.254 min Scan# 3892
 Delta R.T. 0.016 min
 Lab File: VN066010.D
 Acq: 24 Feb 2021 17:40

Tgt Ion: 75 Resp: 72
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#

