

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065964.D
 Acq On : 22 Feb 2021 16:55
 Operator : JC/MD
 Sample : M1450-04RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-EB-20210216

Quant Time: Feb 23 00:10:11 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)

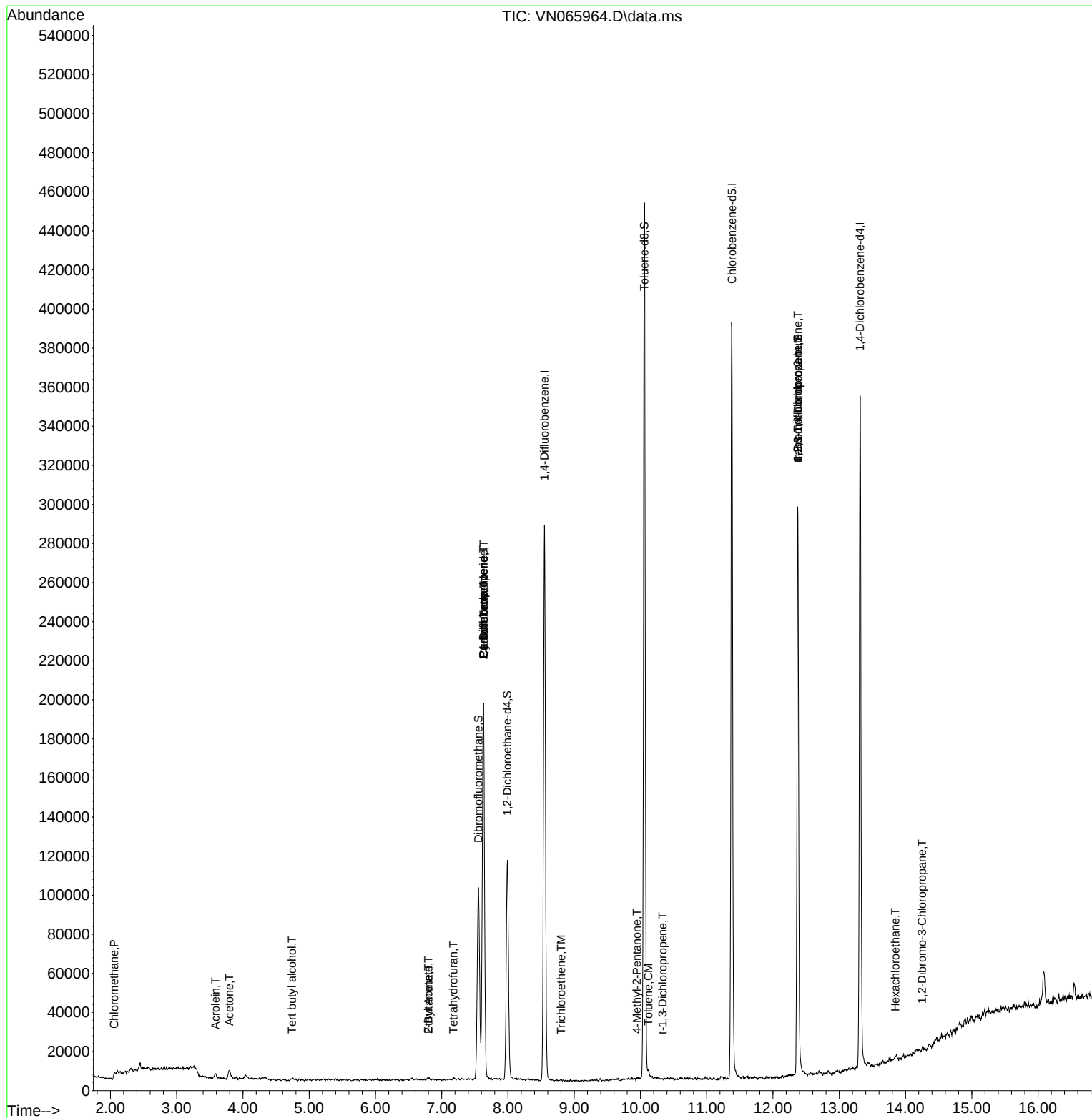
Internal Standards						
1) Pentafluorobenzene	7.631	168	157779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	261122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	237747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	97835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	101391	45.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.90%
35) Dibromofluoromethane	7.553	113	78307	48.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.92%
50) Toluene-d8	10.058	98	317972	47.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.86%
62) 4-Bromofluorobenzene	12.373	95	114535	45.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.98%
Target Compounds						
					Qvalue	
3) Chloromethane	2.055	50	1448	0.56	ug/l	98
11) Tert butyl alcohol	4.740	59	1039	3.39	ug/l #	73
13) Acrolein	3.586	56	2655	9.46	ug/l	99
16) Acetone	3.795	43	8956	11.39	ug/l	92
25) 2-Butanone	6.798	43	1611	1.48	ug/l #	46
29) Tetrahydrofuran	7.177	42	750	1.00	ug/l #	38
31) Cyclohexane	7.631	56	3064	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	12349	4.80	ug/l #	48
37) Ethyl Acetate	6.798	43	1611	0.69	ug/l #	68
38) Carbon Tetrachloride	7.631	117	15531	6.49	ug/l #	19
44) Trichloroethene	8.801	130	400	0.20	ug/l	52
51) 4-Methyl-2-Pentanone	9.946	43	624	0.28	ug/l #	35
52) Toluene	10.119	92	1155	0.24	ug/l	99
53) t-1,3-Dichloropropene	10.335	75	184	2.04	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	56708	24.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	56708	76.90	ug/l #	12
90) Hexachloroethane	13.846	117	228	0.20	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.251	75	149	1.16	ug/l #	1

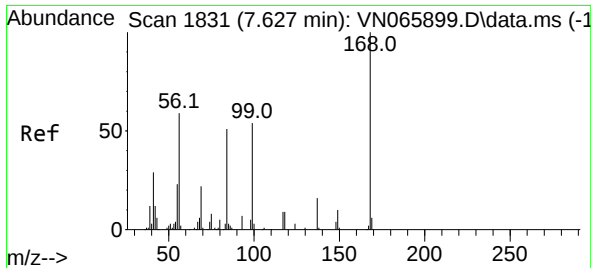
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

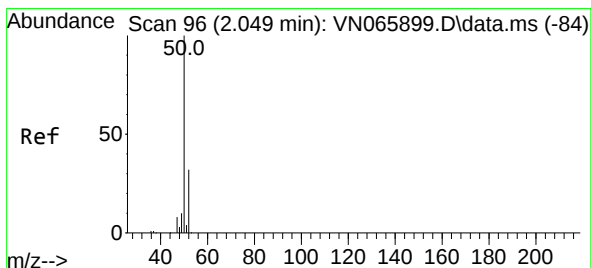
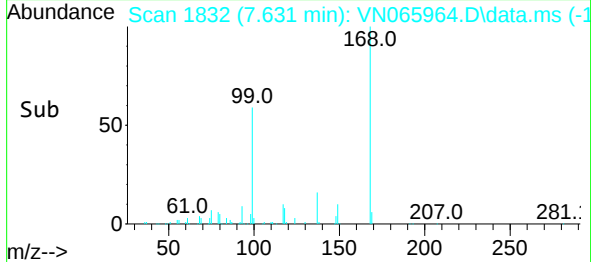
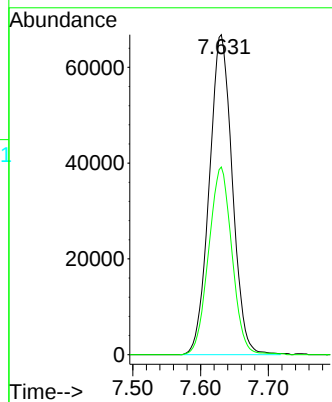
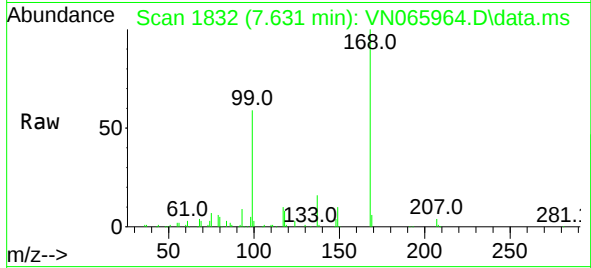




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

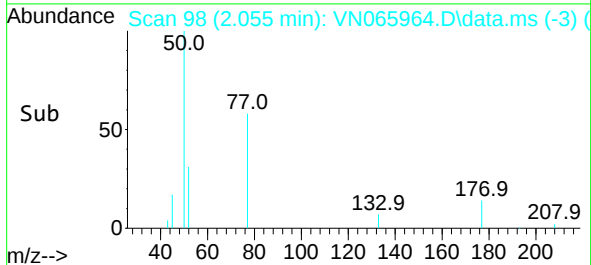
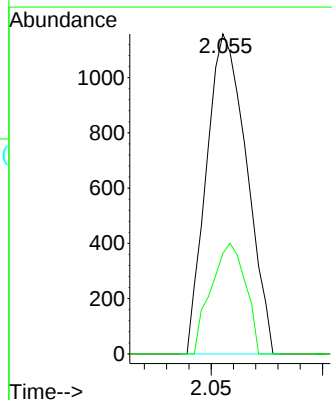
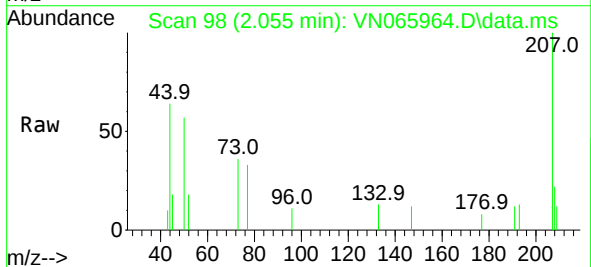
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

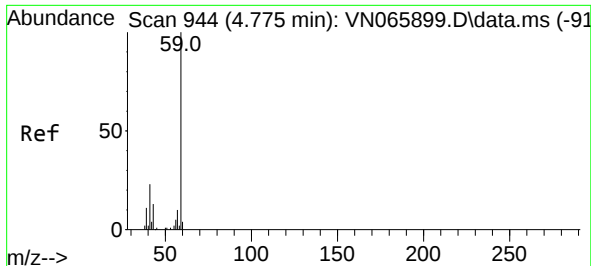
Tgt Ion:168 Resp: 157779
Ion Ratio Lower Upper
168 100
99 58.7 42.6 63.8



#3
Chloromethane
Concen: 0.56 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion: 50 Resp: 1448
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.8



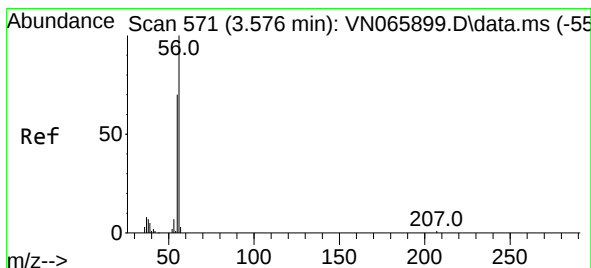
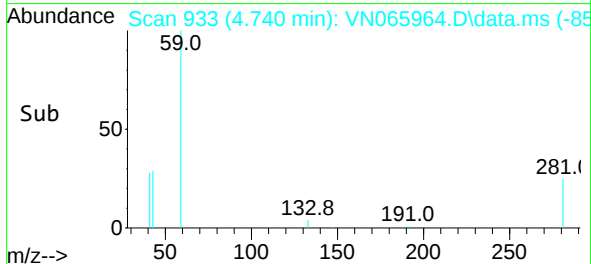
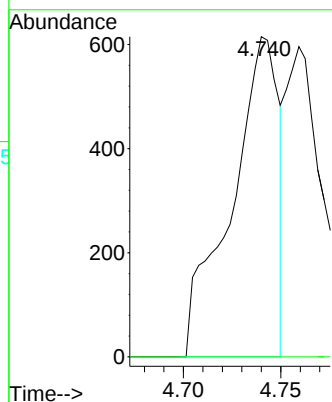
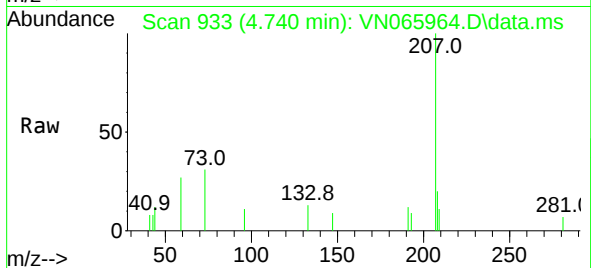


#11

Tert butyl alcohol
Concen: 3.39 ug/l
RT: 4.740 min Scan# 933
Delta R.T. -0.035 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

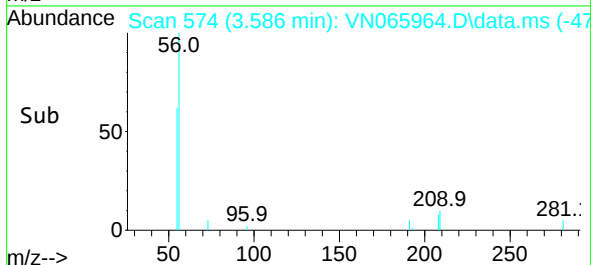
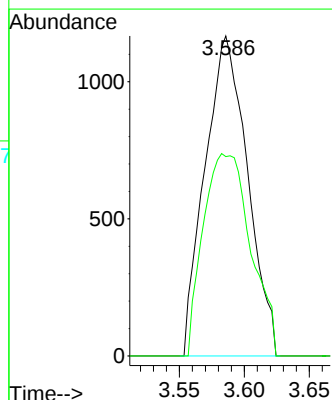
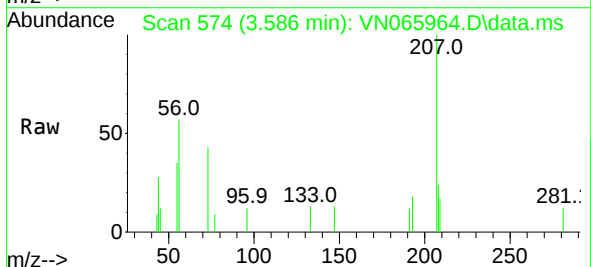
Tgt Ion: 59 Resp: 1039
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

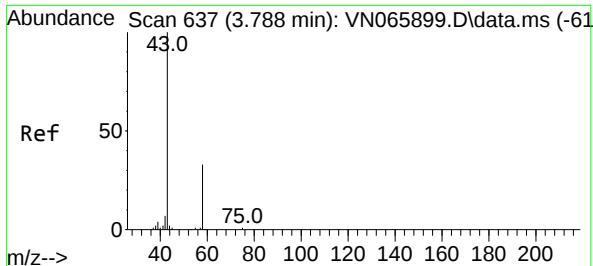


#13

Acrolein
Concen: 9.46 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion: 56 Resp: 2655
Ion Ratio Lower Upper
56 100
55 70.4 56.0 84.0

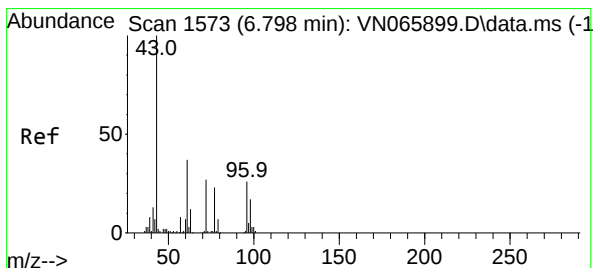
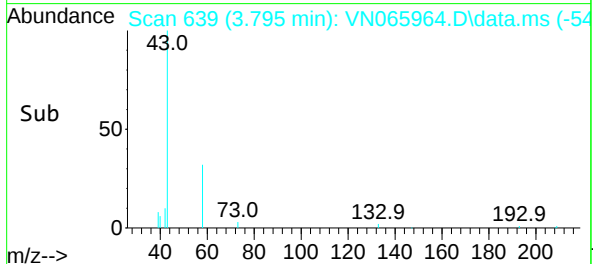
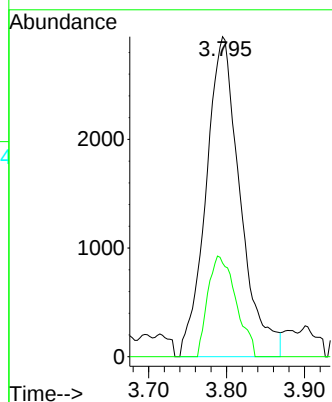
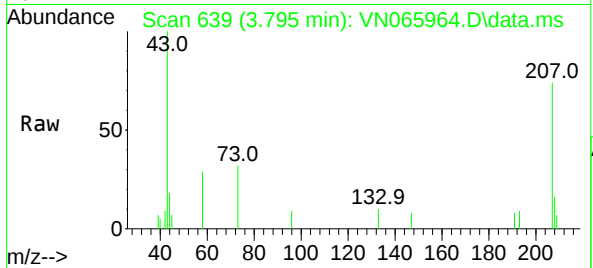




#16
Acetone
Concen: 11.39 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

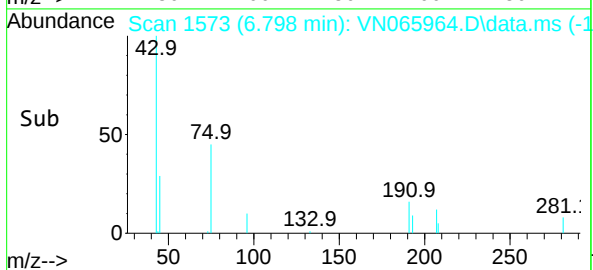
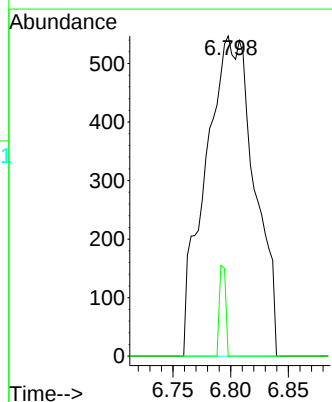
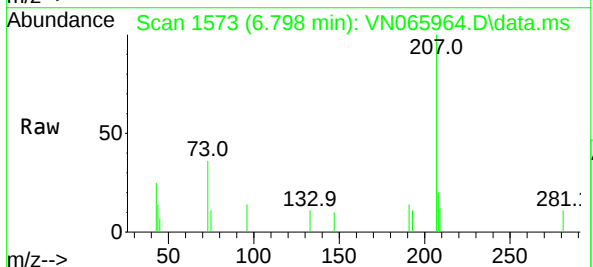
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

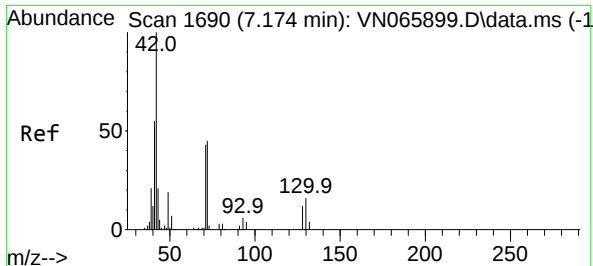
Tgt Ion: 43 Resp: 8956
Ion Ratio Lower Upper
43 100
58 29.2 27.0 40.6



#25
2-Butanone
Concen: 1.48 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#

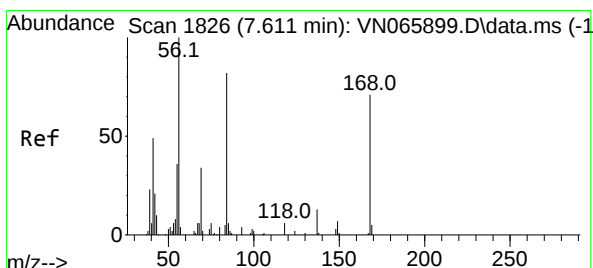
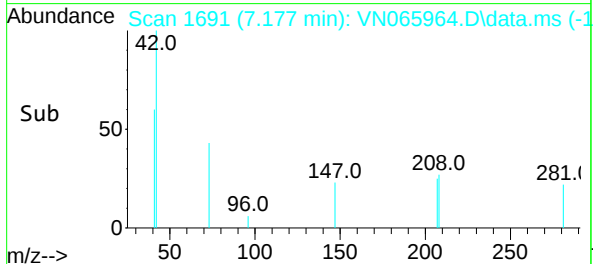
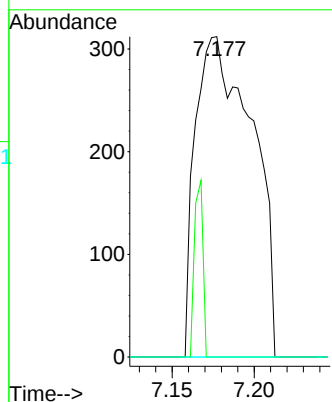
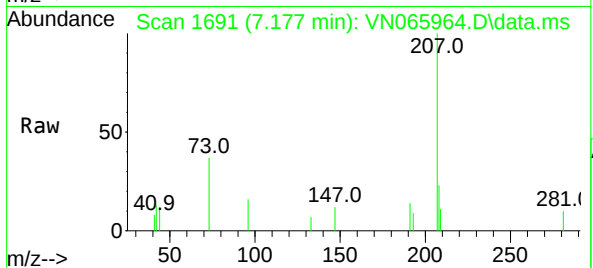




#29
Tetrahydrofuran
Concen: 1.00 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.003 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

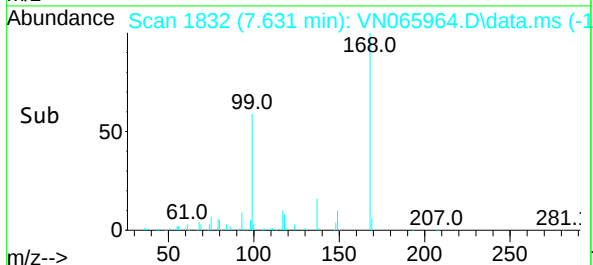
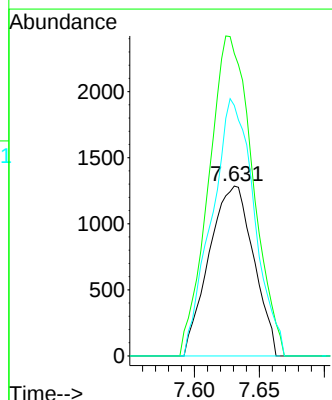
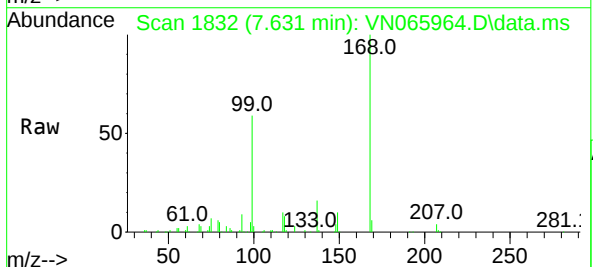
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

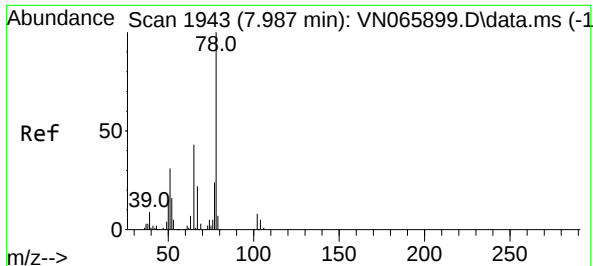
Tgt Ion:	42	Resp:	750
Ion	Ratio	Lower	Upper
42	100		
72	8.3	36.6	55.0#
71	0.0	34.3	51.5#



#31
Cyclohexane
Concen: 0.93 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.020 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion:	56	Resp:	3064
Ion	Ratio	Lower	Upper
56	100		
69	178.1	26.6	39.8#
84	147.5	70.4	105.6#

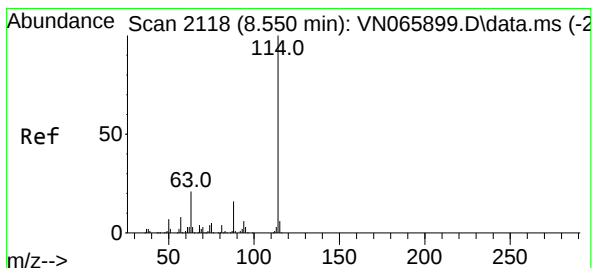
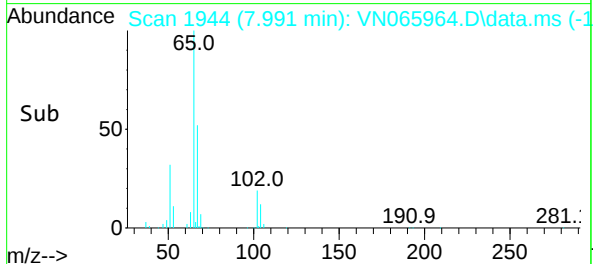
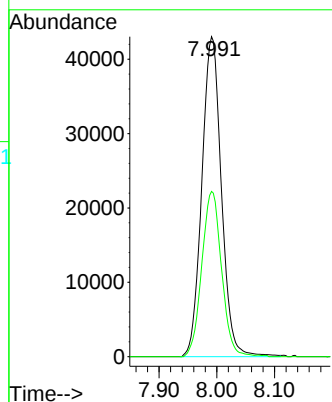
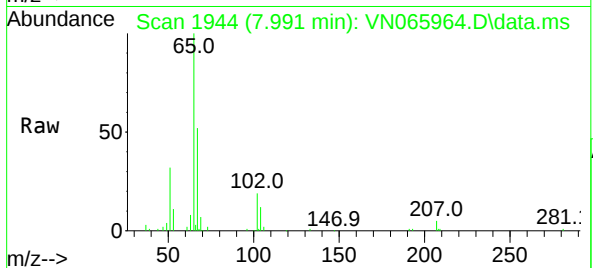




#33
1,2-Dichloroethane-d4
Concen: 45.95 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

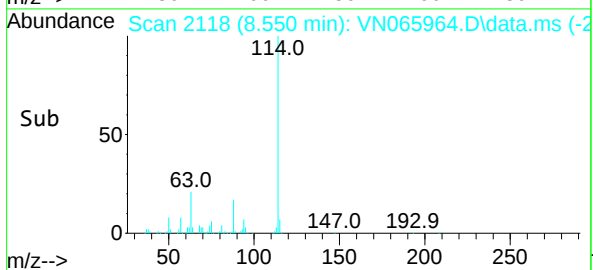
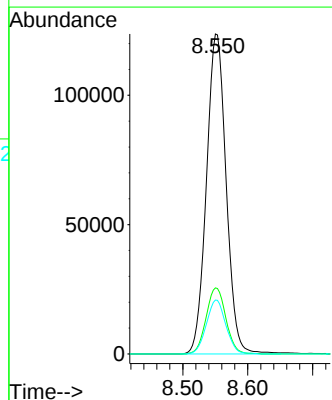
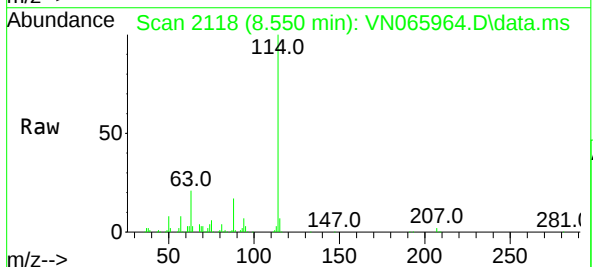
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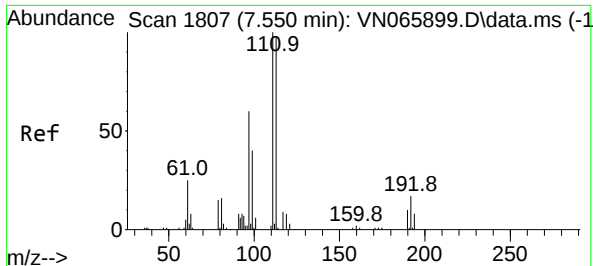
Tgt Ion: 65 Resp: 101391
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion:114 Resp: 261122
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 16.9 0.0 30.6

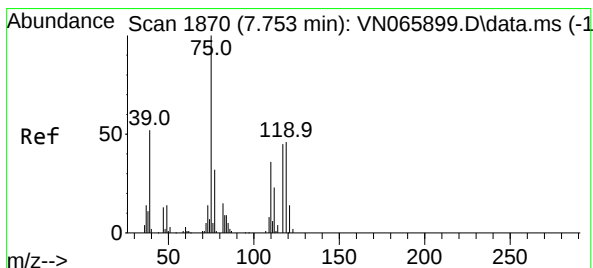
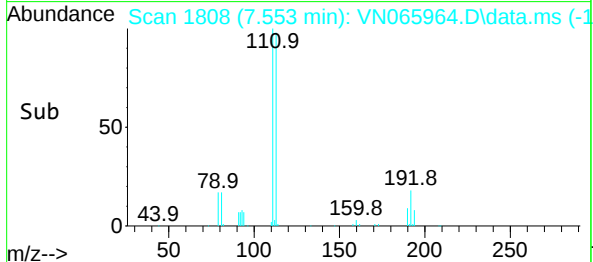
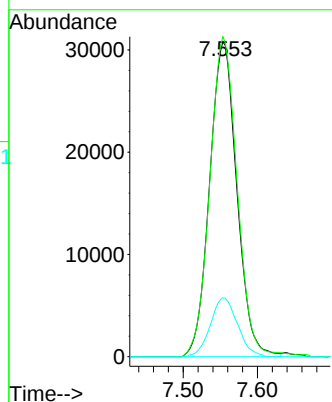
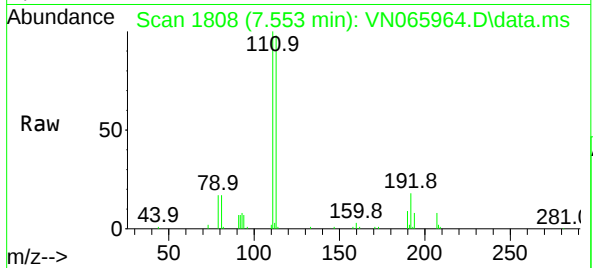




#35
Dibromofluoromethane
Concen: 48.46 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

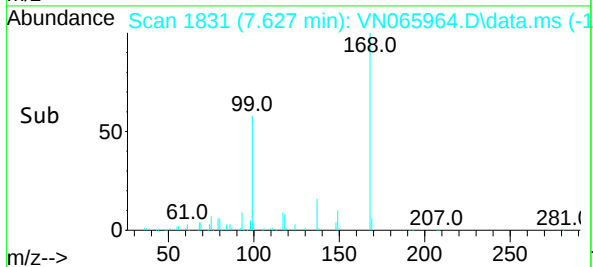
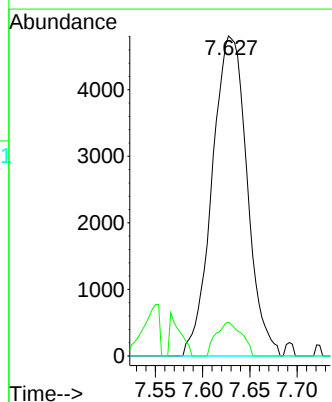
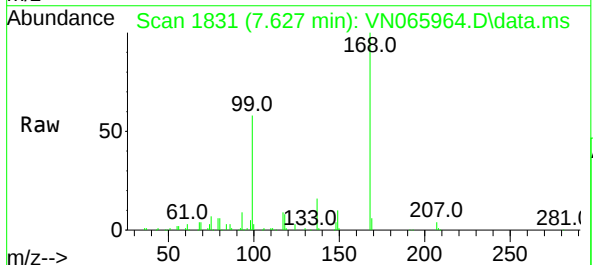
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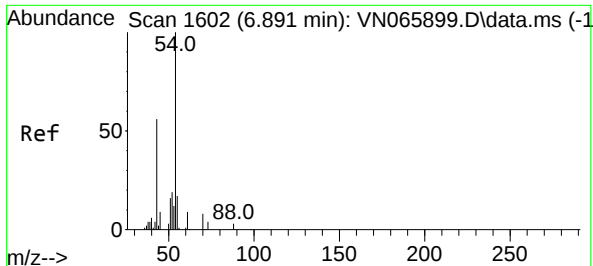
Tgt Ion:113 Resp: 78307
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion: 75 Resp: 12349
Ion Ratio Lower Upper
75 100
110 7.7 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.69 ug/l

RT: 6.798 min Scan# 1573

Delta R.T. -0.093 min

Lab File: VN065964.D

Acq: 22 Feb 2021 16:55

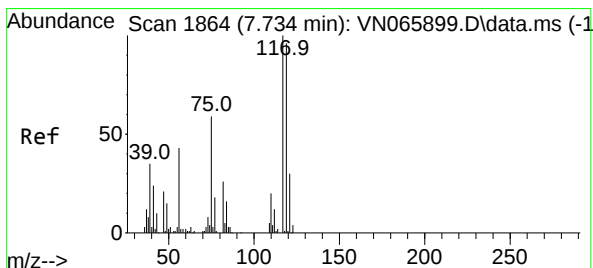
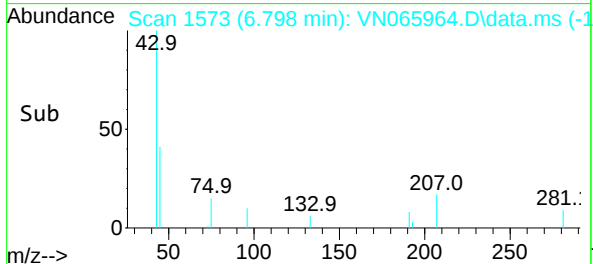
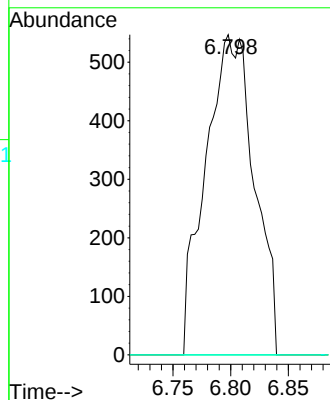
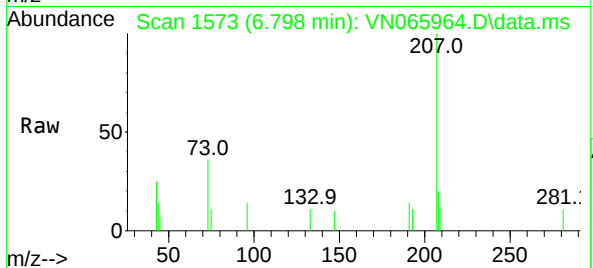
Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW6-EB-20210216

Tgt Ion:	43	Resp:	1611
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.49 ug/l

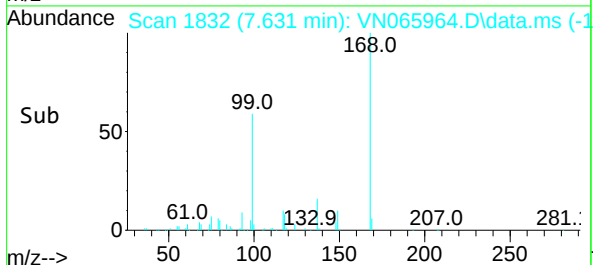
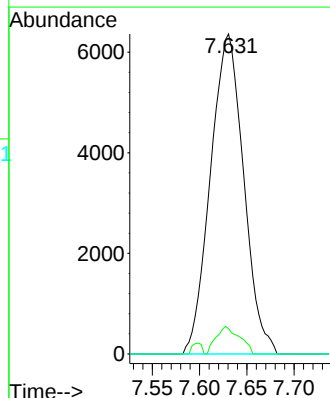
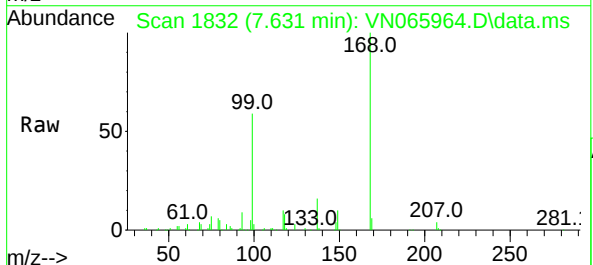
RT: 7.631 min Scan# 1832

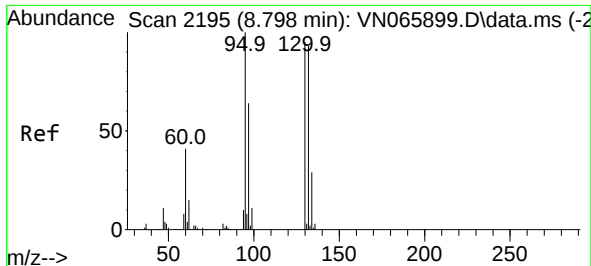
Delta R.T. -0.103 min

Lab File: VN065964.D

Acq: 22 Feb 2021 16:55

Tgt Ion:	117	Resp:	15531
Ion	Ratio	Lower	Upper
117	100		
119	7.9	76.0	114.0#
121	0.0	24.5	36.7#

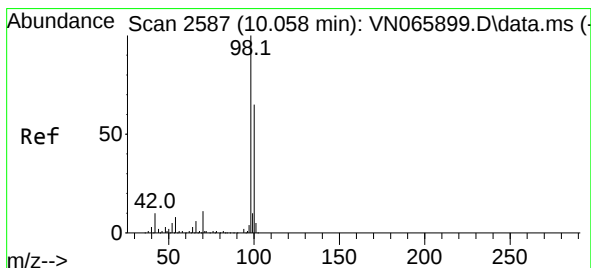
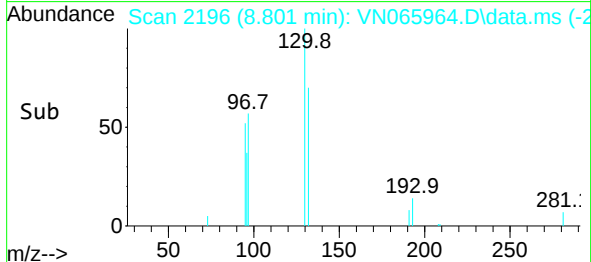
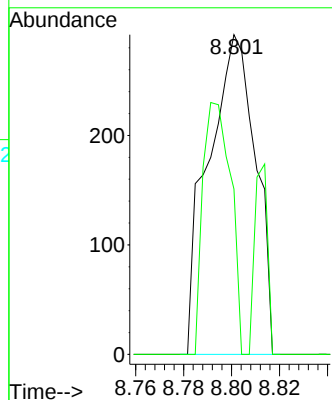
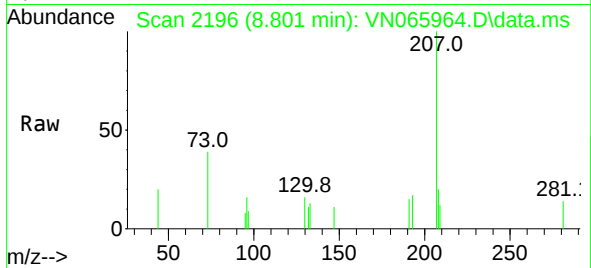




#44
Trichloroethene
Concen: 0.20 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

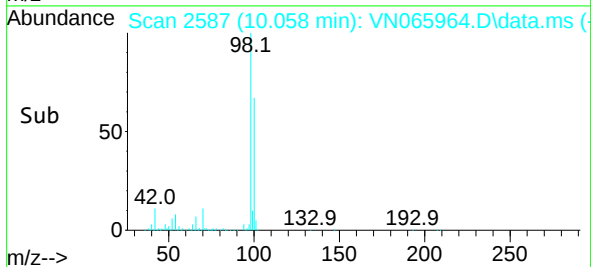
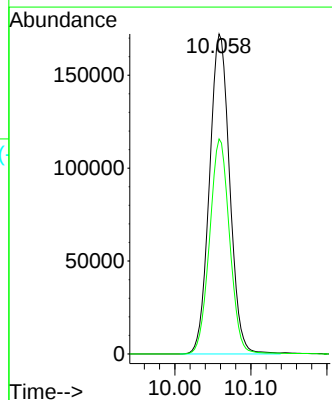
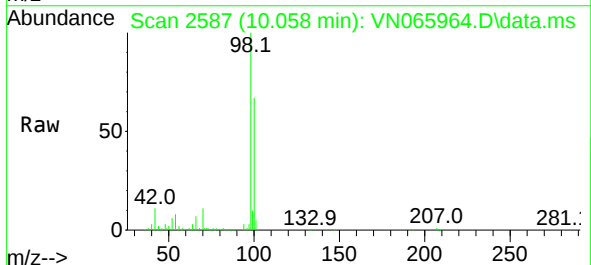
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

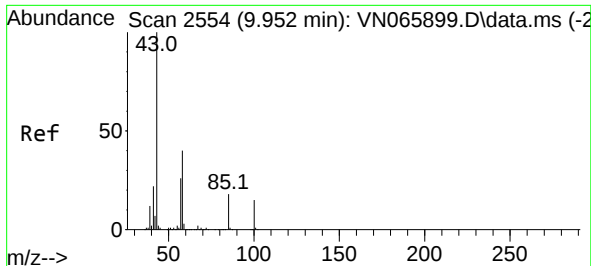
Tgt Ion:130 Resp: 400
Ion Ratio Lower Upper
130 100
95 51.7 0.0 199.6



#50
Toluene-d8
Concen: 47.93 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion: 98 Resp: 317972
Ion Ratio Lower Upper
98 100
100 66.6 50.5 75.7

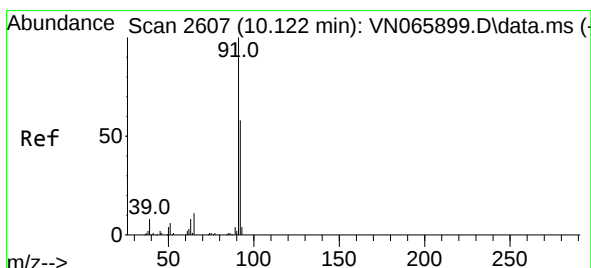
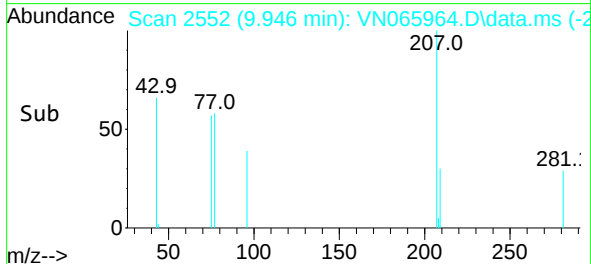
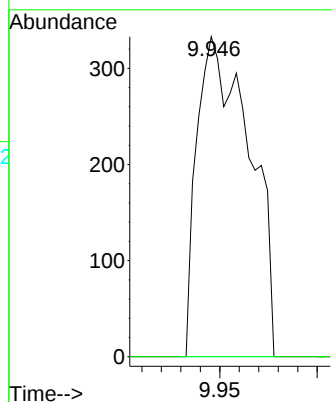
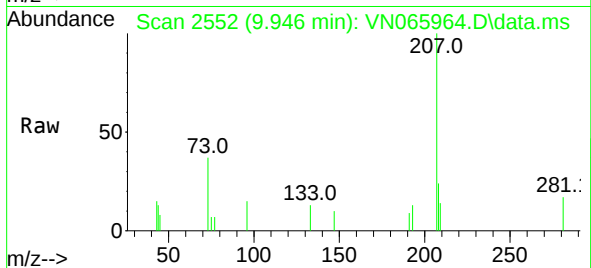




#51
4-Methyl-2-Pentanone
Concen: 0.28 ug/l
RT: 9.946 min Scan# 2552
Delta R.T. -0.006 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

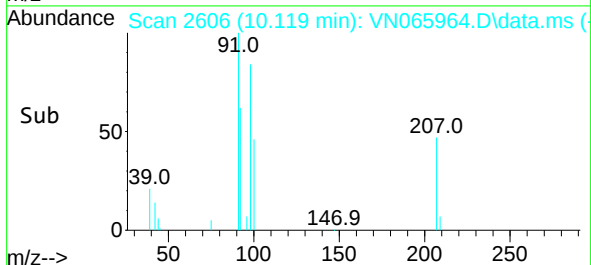
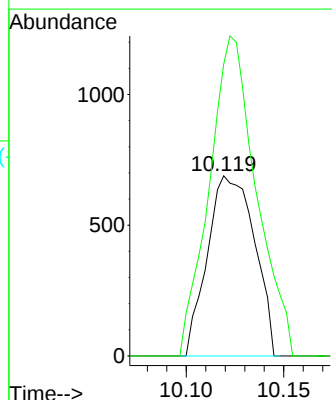
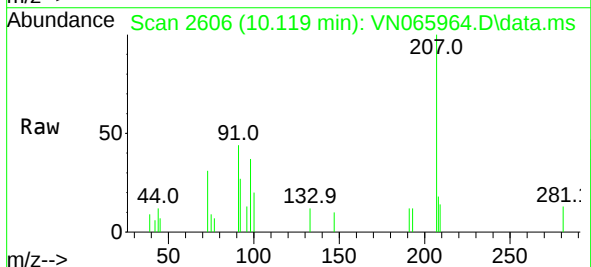
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

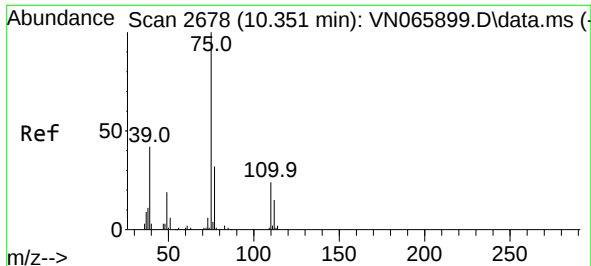
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 0.0 32.5 48.7#



#52
Toluene
Concen: 0.24 ug/l
RT: 10.119 min Scan# 2606
Delta R.T. -0.003 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion: 92 Resp: 1155
Ion Ratio Lower Upper
92 100
91 177.7 140.7 211.1

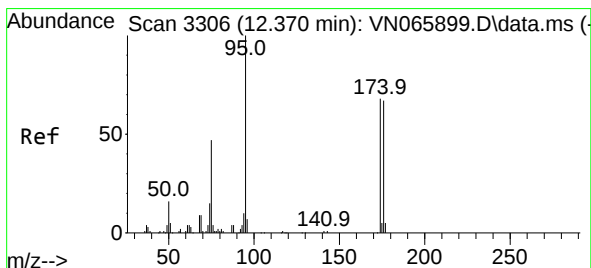
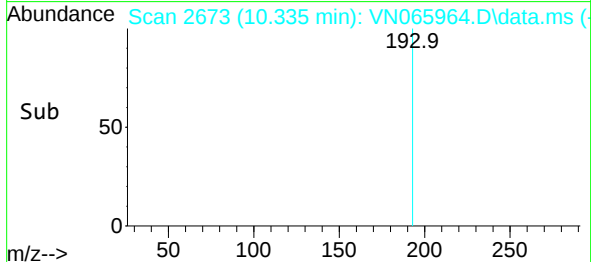
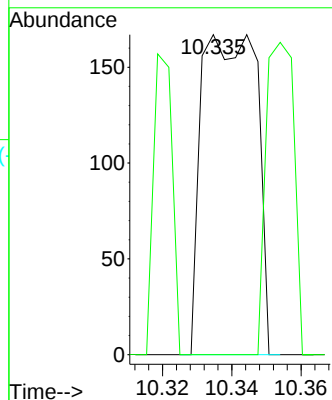
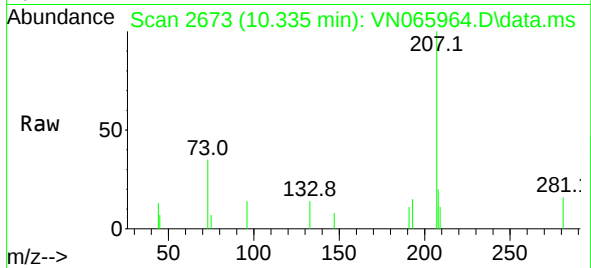




#53
t-1,3-Dichloropropene
Concen: 2.04 ug/l
RT: 10.335 min Scan# 2673
Delta R.T. -0.016 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

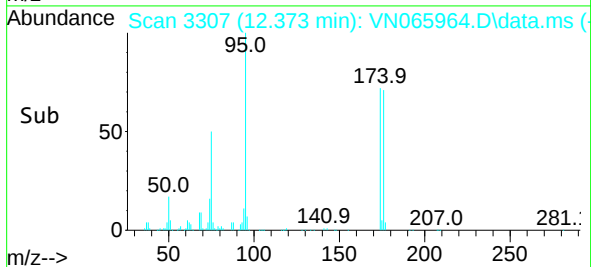
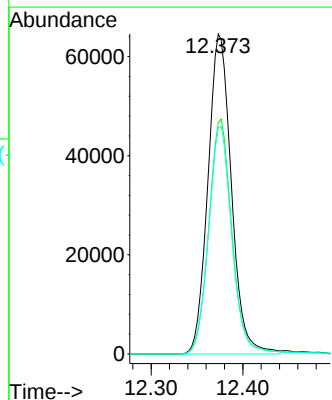
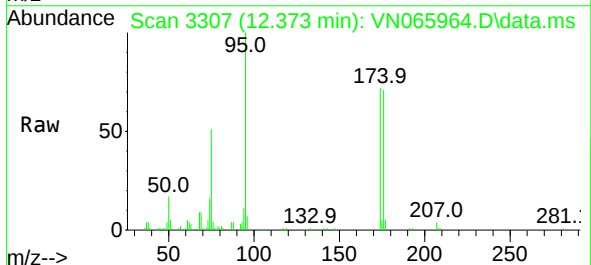
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

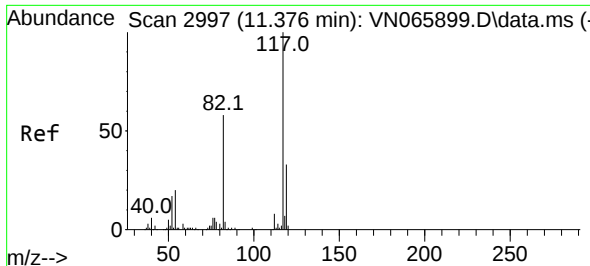
Tgt Ion: 75 Resp: 184
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 45.99 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion: 95 Resp: 114535
Ion Ratio Lower Upper
95 100
174 72.6 0.0 169.0
176 70.6 0.0 162.4

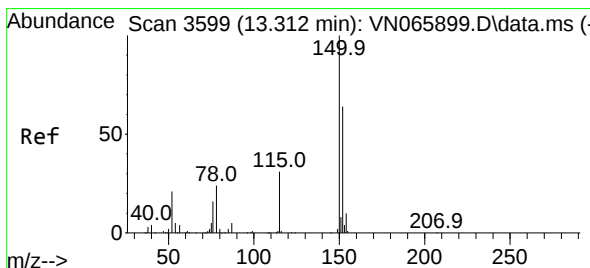
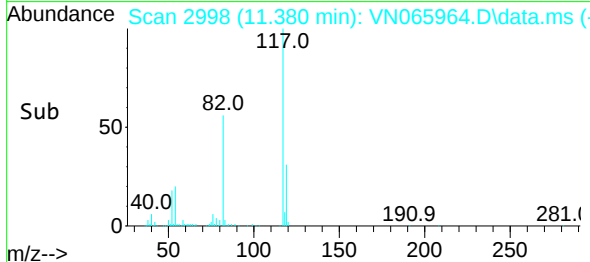
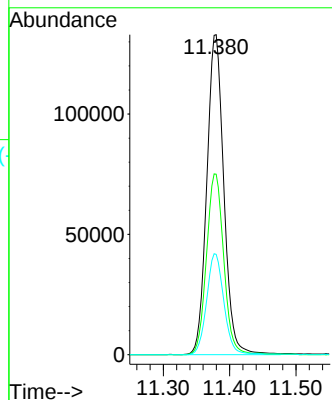
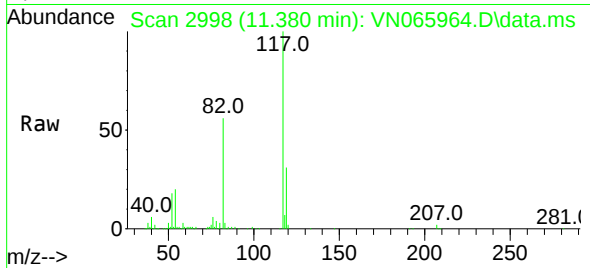




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

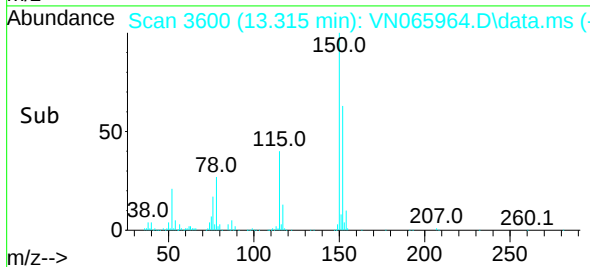
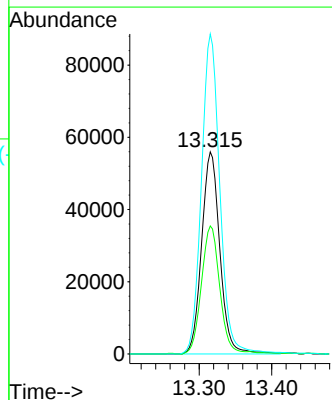
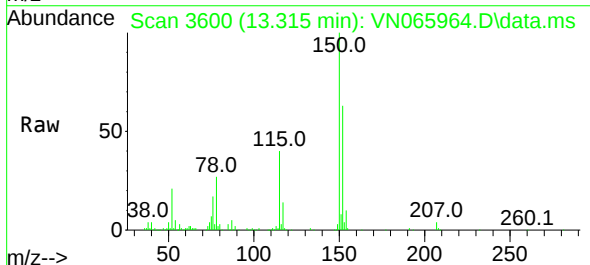
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

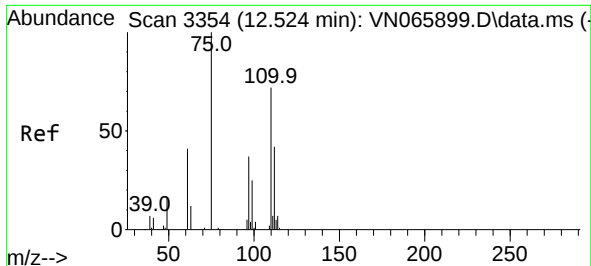
Tgt Ion:117 Resp: 237747
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 31.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion:152 Resp: 97835
Ion Ratio Lower Upper
152 100
115 63.7 28.5 85.6
150 159.8 0.0 347.6

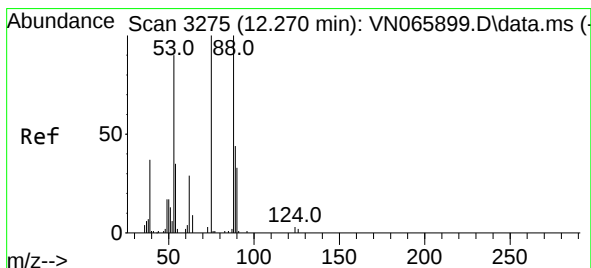
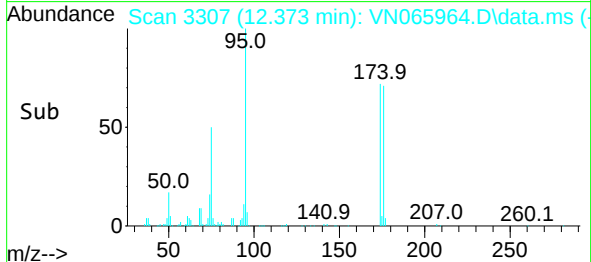
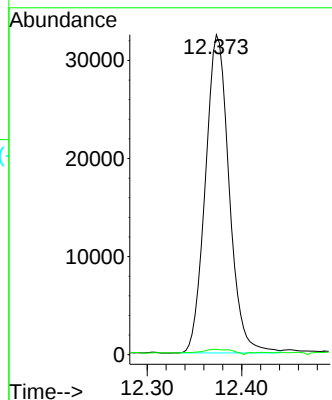
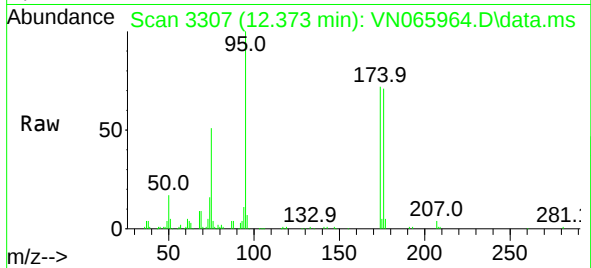




#76
1,2,3-Trichloropropane
Concen: 24.13 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

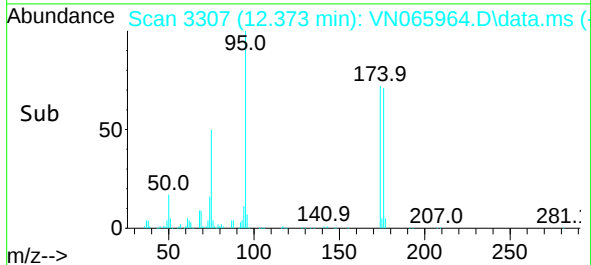
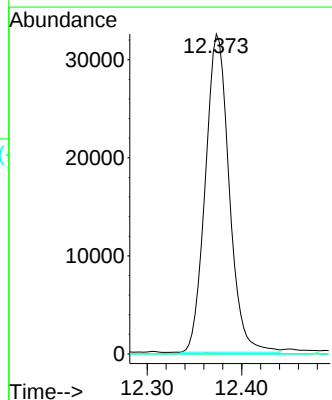
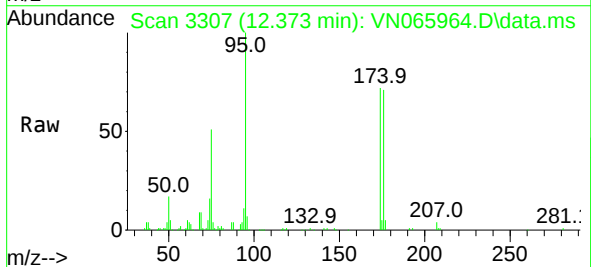
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

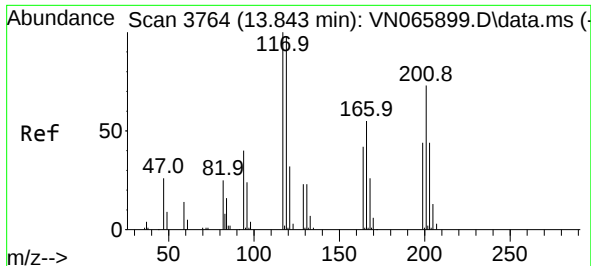
Tgt Ion: 75 Resp: 56708
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.90 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion: 75 Resp: 56708
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 35.8 53.8#

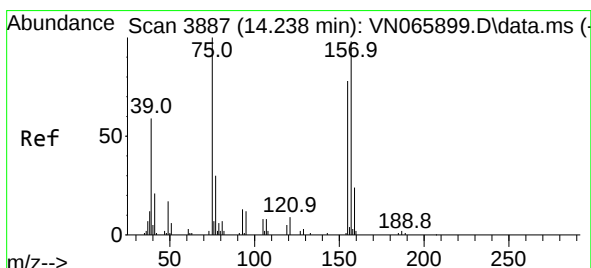
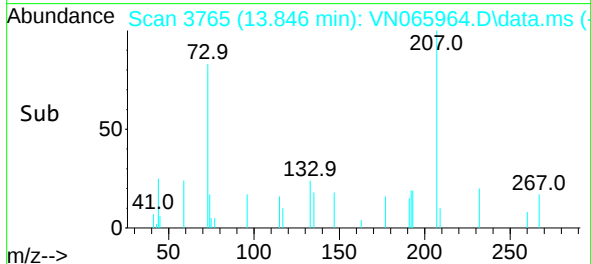
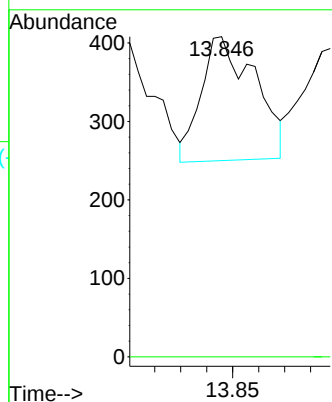
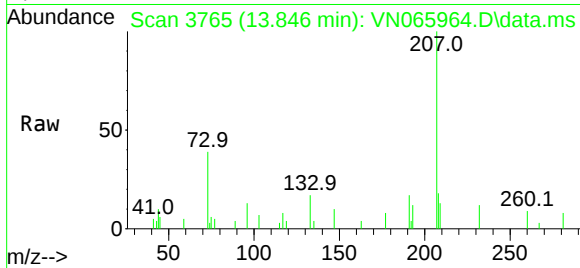




#90
Hexachloroethane
Concen: 0.20 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.003 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210216

Tgt Ion:117 Resp: 228
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.16 ug/l
RT: 14.251 min Scan# 3891
Delta R.T. 0.013 min
Lab File: VN065964.D
Acq: 22 Feb 2021 16:55

Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

