

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065909.D
 Acq On : 17 Feb 2021 22:02
 Operator : JC/MD
 Sample : M1417-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-EB-20210211

Quant Time: Feb 18 01:48:21 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

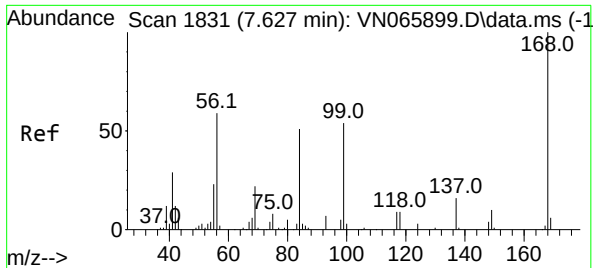
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.627	168	186581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	319580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	288141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	102519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	121705	46.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.30%		
35) Dibromofluoromethane	7.553	113	94671	47.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.74%		
50) Toluene-d8	10.058	98	396415	48.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.66%		
62) 4-Bromofluorobenzene	12.373	95	133925	43.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.88%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.759	59	2412	6.65	ug/l #	88
16) Acetone	3.788	43	10486	11.26	ug/l	92
17) Carbon Disulfide	4.010	76	1236	0.21	ug/l #	74
25) 2-Butanone	6.814	43	4830	3.74	ug/l	92
31) Cyclohexane	7.624	56	3997	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	14563	4.62	ug/l #	49
37) Ethyl Acetate	6.814	43	4830	1.70	ug/l #	68
38) Carbon Tetrachloride	7.627	117	19141	6.54	ug/l #	17
71) Bromoform	12.360	173	81	2.55	ug/l #	1
74) N-amyl acetate	12.129	43	2118	0.73	ug/l #	78
76) 1,2,3-Trichloropropane	12.373	75	63800	25.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	63800	82.56	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.887	180	534	2.74	ug/l #	57
94) Hexachlorobutadiene	14.977	225	265	0.34	ug/l #	64
95) Naphthalene	15.106	128	2023	3.38	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.289	180	689	2.53	ug/l #	85

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

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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

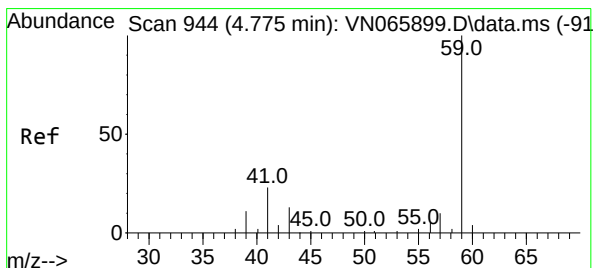
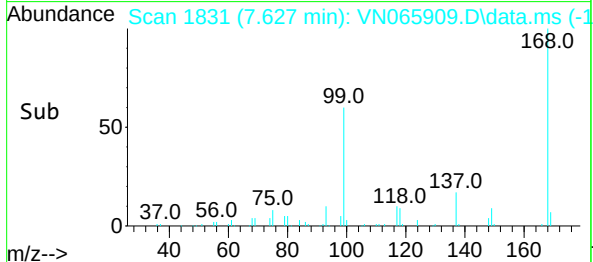
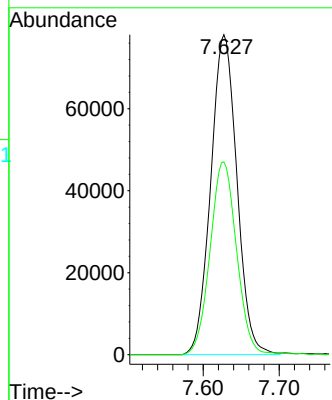
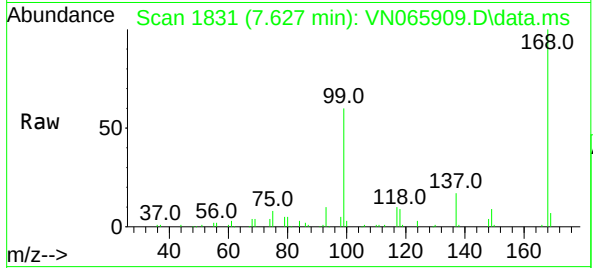




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

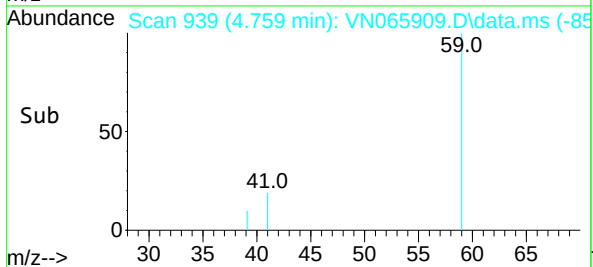
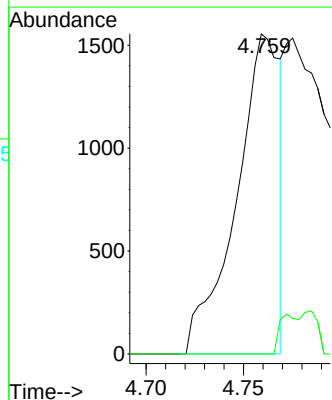
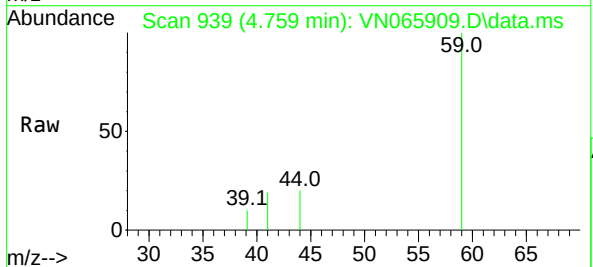
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210211

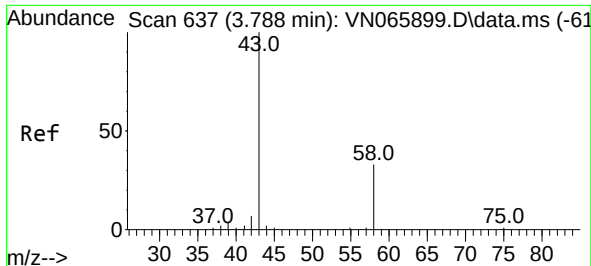
Tgt Ion:168 Resp: 186581
Ion Ratio Lower Upper
168 100
99 60.2 42.6 63.8



#11
Tert butyl alcohol
Concen: 6.65 ug/l
RT: 4.759 min Scan# 939
Delta R.T. -0.016 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

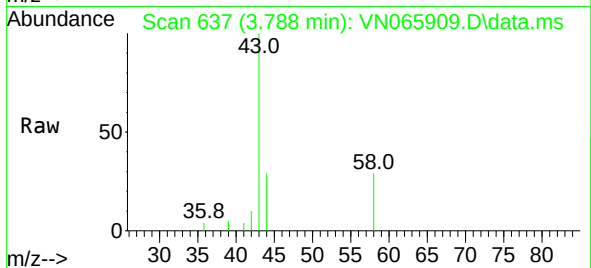
Tgt Ion: 59 Resp: 2412
Ion Ratio Lower Upper
59 100
57 5.6 8.0 12.0#



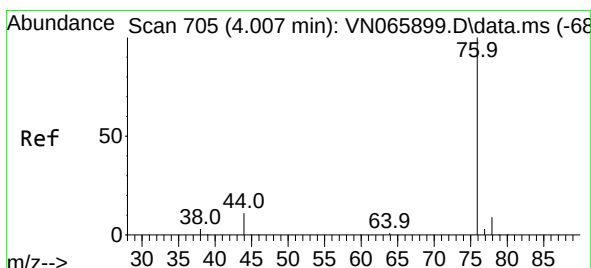
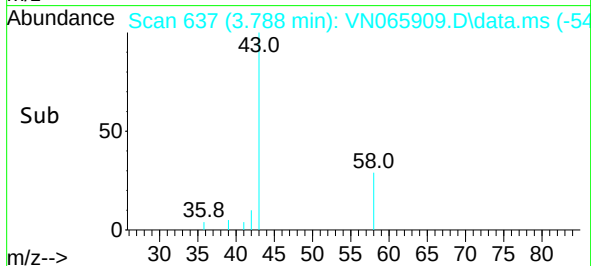
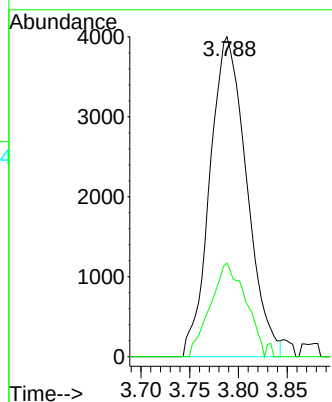


#16
Acetone
Concen: 11.26 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210211

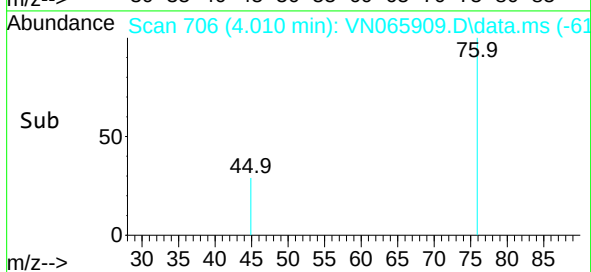
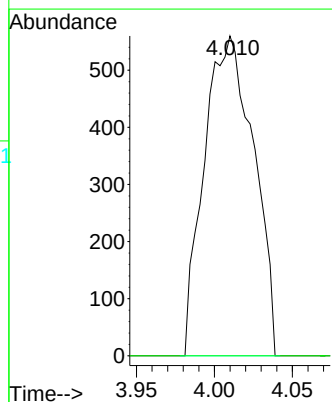
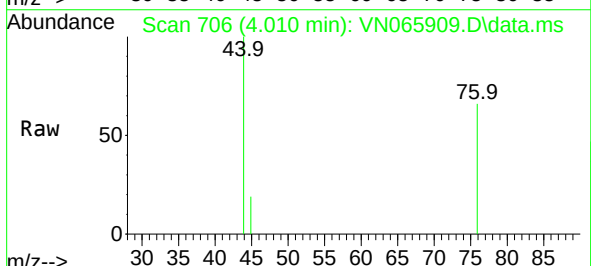


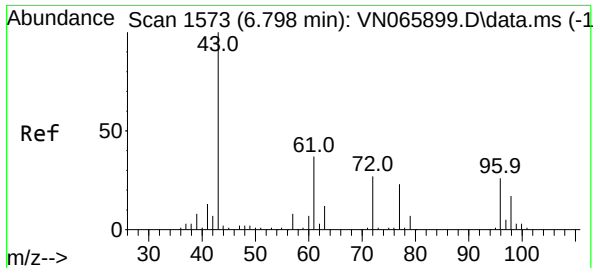
Tgt Ion: 43 Resp: 10486
Ion Ratio Lower Upper
43 100
58 29.3 27.0 40.6



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.003 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Tgt Ion: 76 Resp: 1236
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

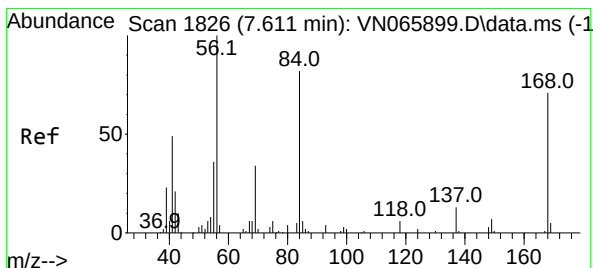
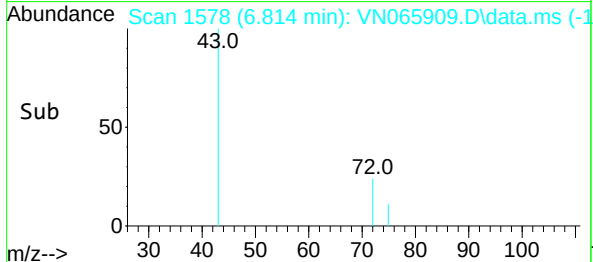
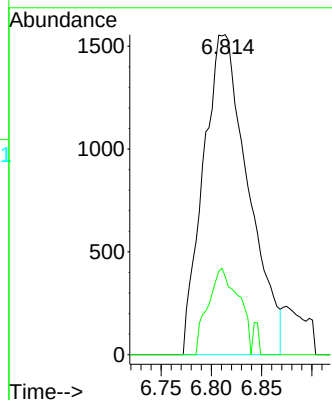
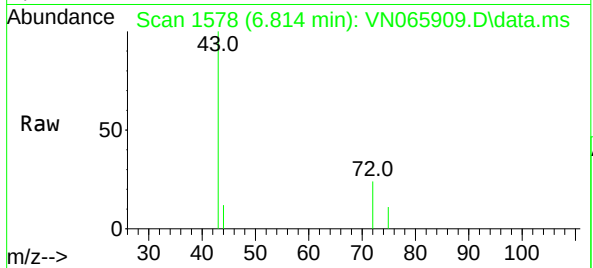




#25
2-Butanone
Concen: 3.74 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

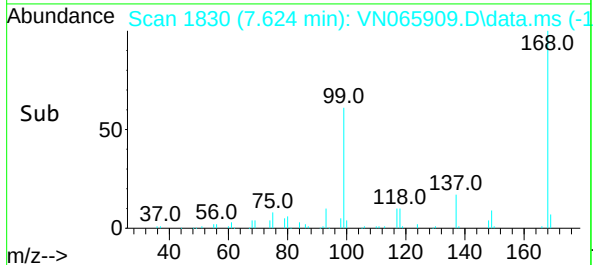
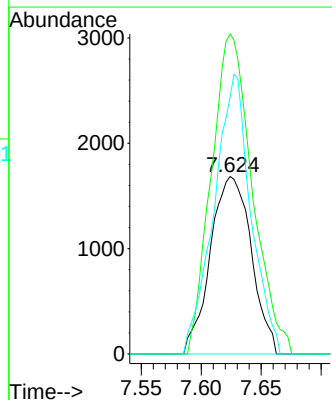
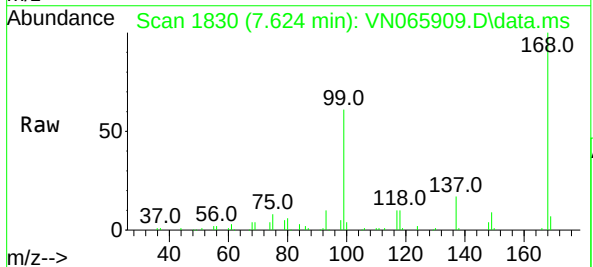
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210211

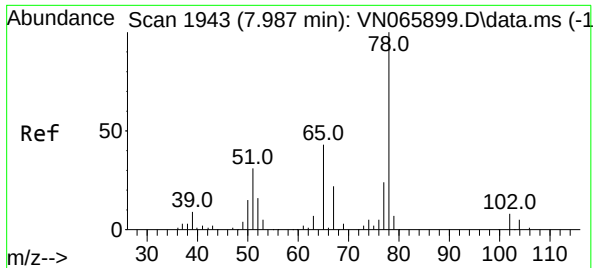
Tgt Ion: 43 Resp: 4830
Ion Ratio Lower Upper
43 100
72 24.5 23.1 34.7



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Tgt Ion: 56 Resp: 3997
Ion Ratio Lower Upper
56 100
69 180.3 26.6 39.8#
84 144.7 70.4 105.6#



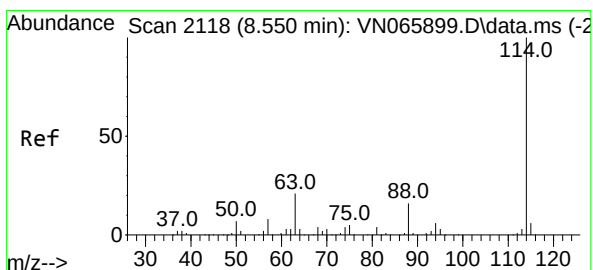
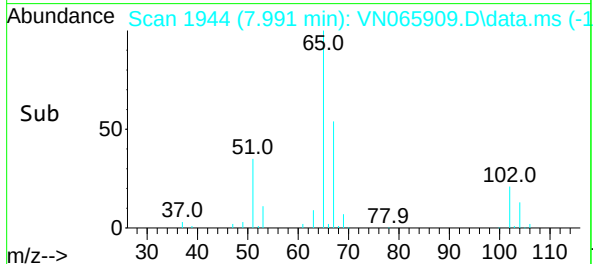
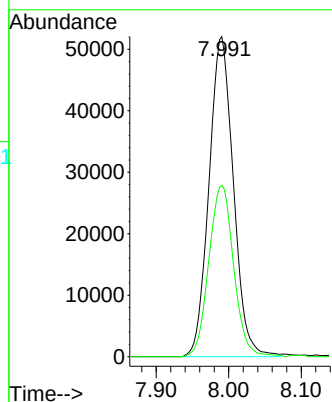
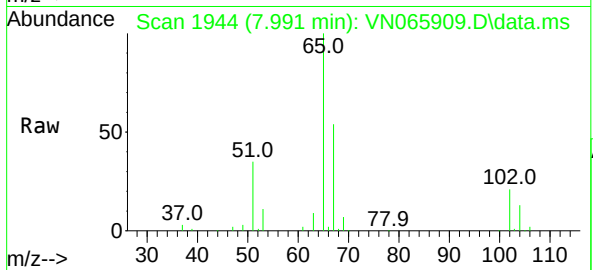


#33

1,2-Dichloroethane-d4
Concen: 46.65 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210211

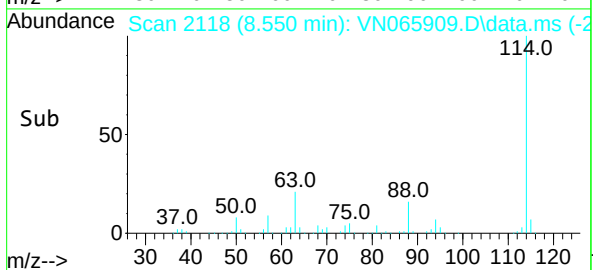
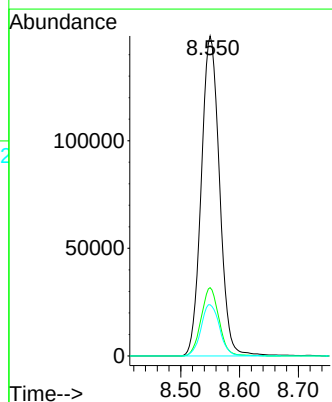
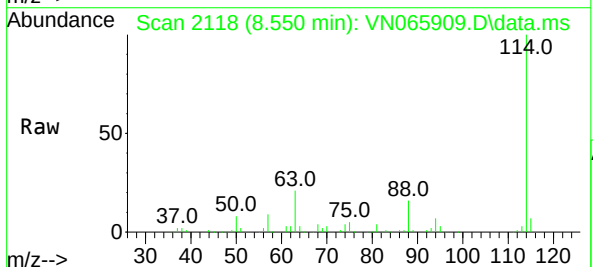
Tgt Ion: 65 Resp: 121705
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.2

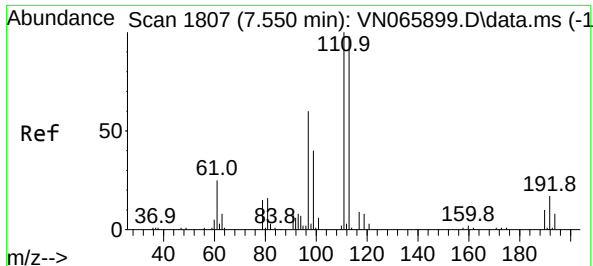


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

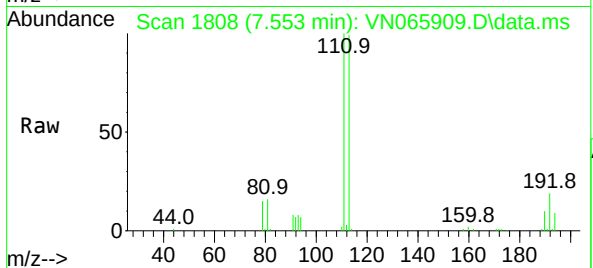
Tgt Ion: 114 Resp: 319580
Ion Ratio Lower Upper
114 100
63 21.4 0.0 38.6
88 16.0 0.0 30.6



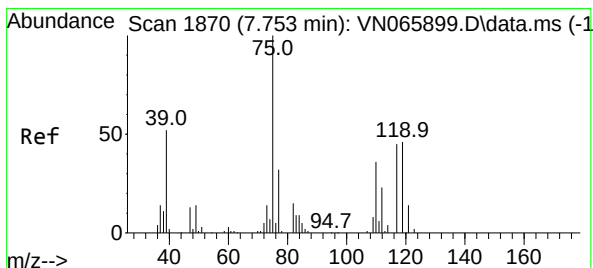
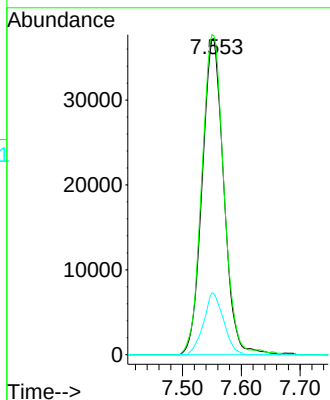
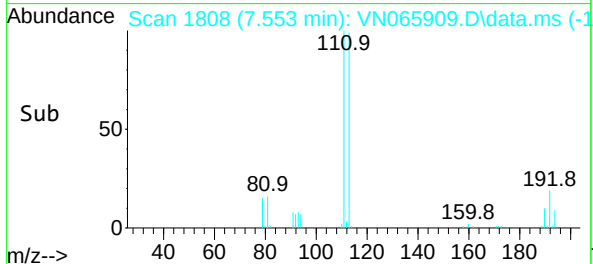


#35
Dibromofluoromethane
Concen: 47.87 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

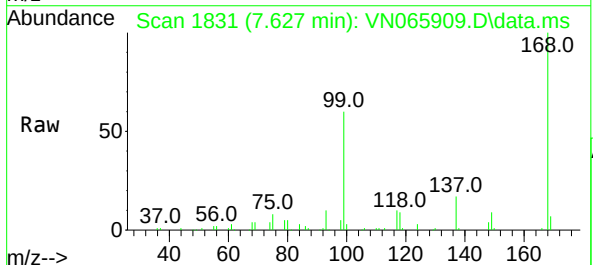
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210211



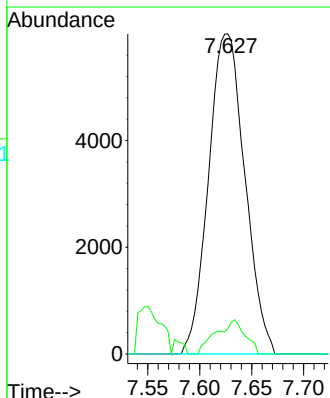
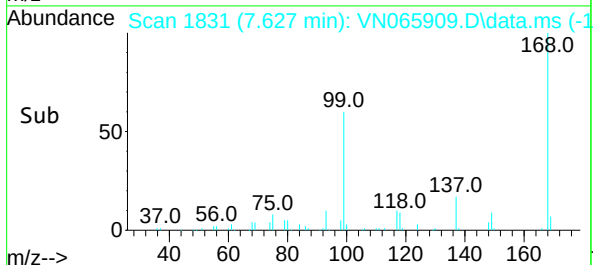
Tgt Ion:113 Resp: 94671
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.1 15.4 23.0

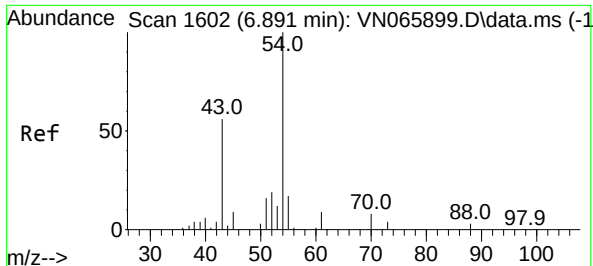


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02



Tgt Ion: 75 Resp: 14563
Ion Ratio Lower Upper
75 100
110 8.5 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.70 ug/l

RT: 6.814 min Scan# 1578

Delta R.T. -0.077 min

Lab File: VN065909.D

Acq: 17 Feb 2021 22:02

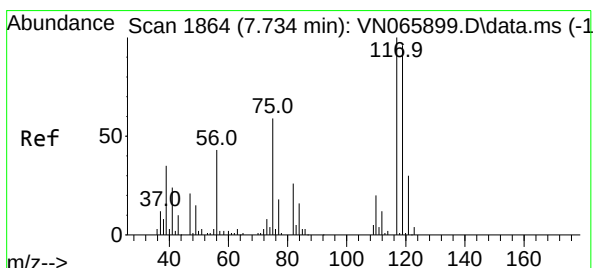
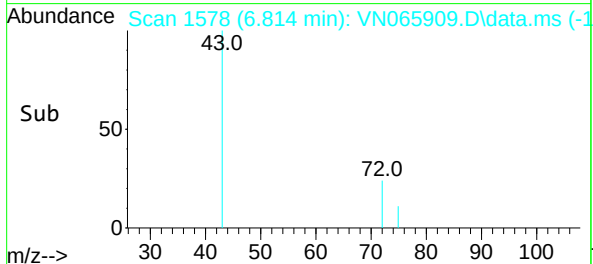
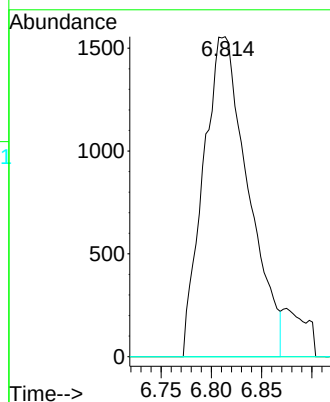
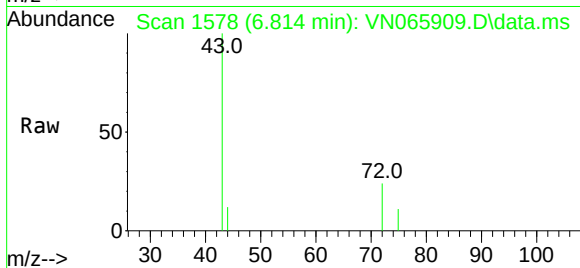
Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW6-EB-20210211

Tgt Ion:	43	Resp:	4830
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.54 ug/l

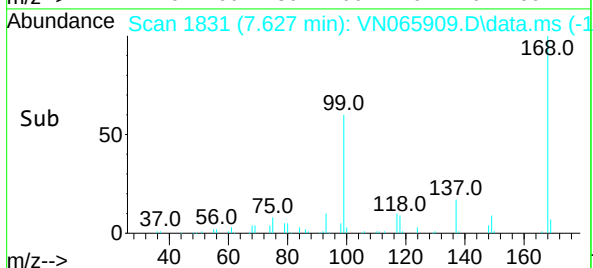
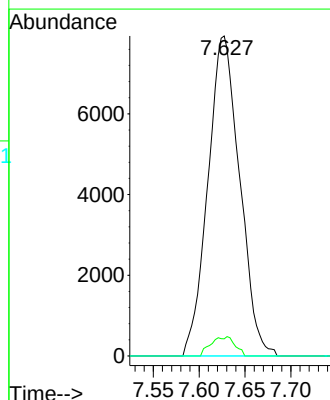
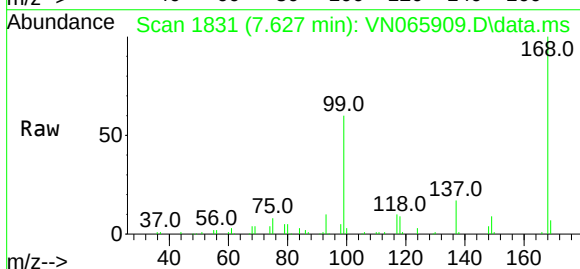
RT: 7.627 min Scan# 1831

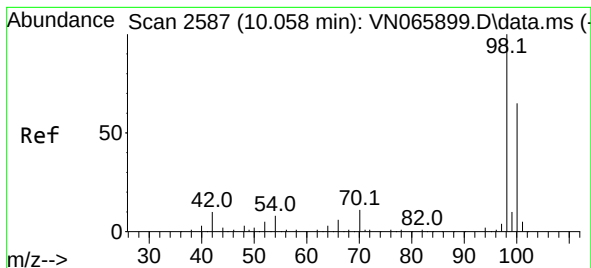
Delta R.T. -0.107 min

Lab File: VN065909.D

Acq: 17 Feb 2021 22:02

Tgt Ion:	117	Resp:	19141
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.0	114.0#
121	0.0	24.5	36.7#

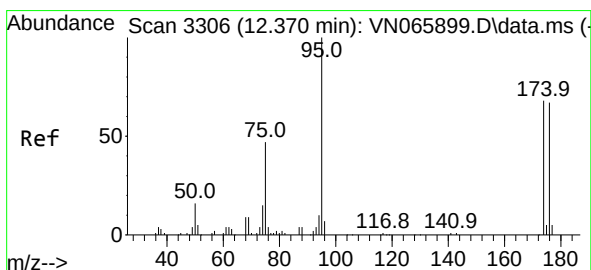
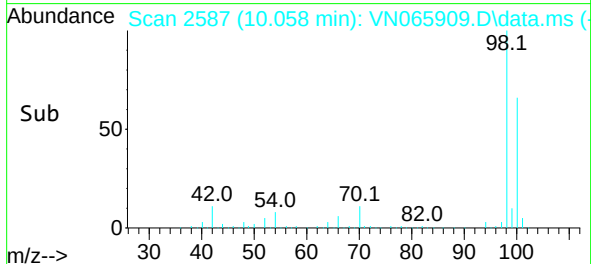
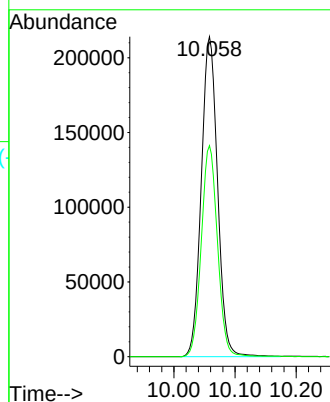
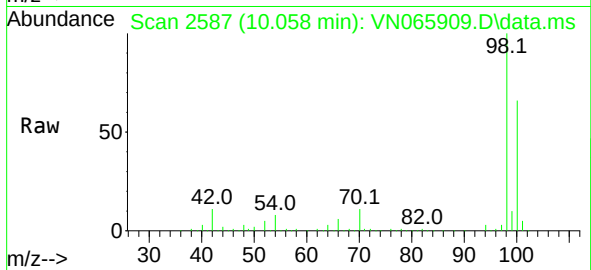




#50
Toluene-d8
Concen: 48.83 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

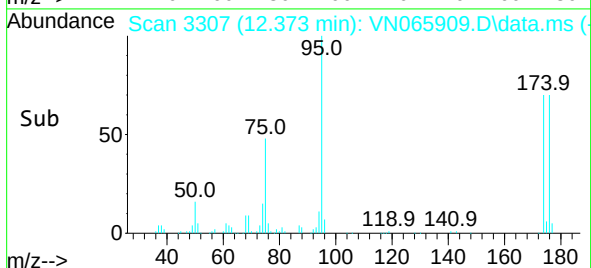
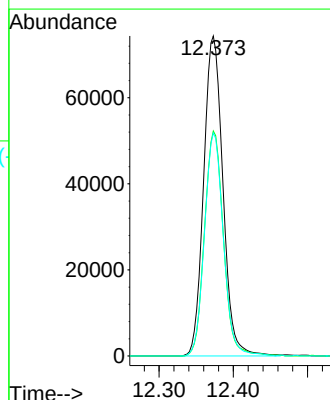
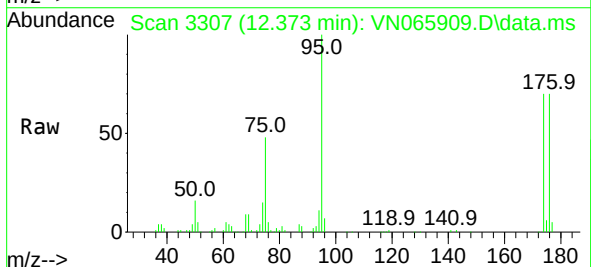
Instrument :
MSVOA_N
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BP-TT-VPB-RW6-EB-20210211

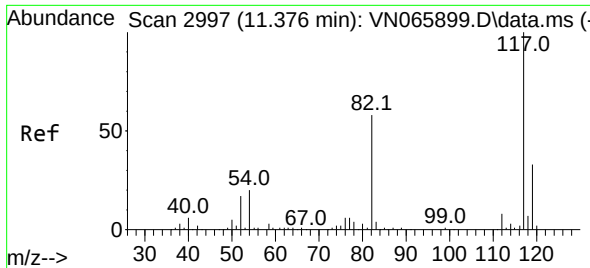
Tgt Ion: 98 Resp: 396415
Ion Ratio Lower Upper
98 100
100 65.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.94 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Tgt Ion: 95 Resp: 133925
Ion Ratio Lower Upper
95 100
174 69.0 0.0 169.0
176 68.3 0.0 162.4

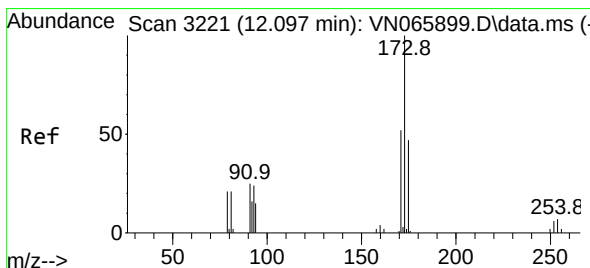
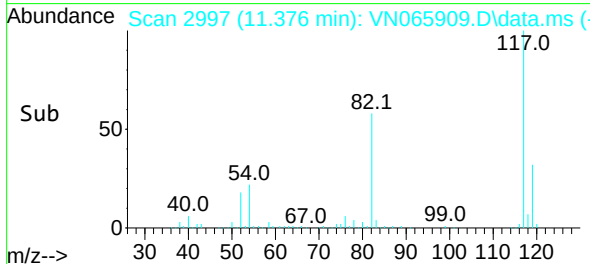
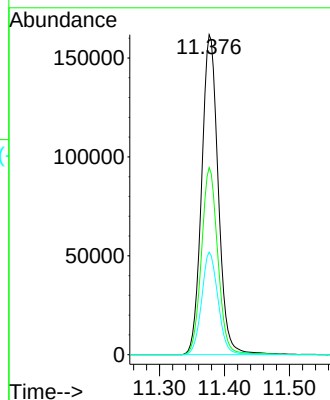
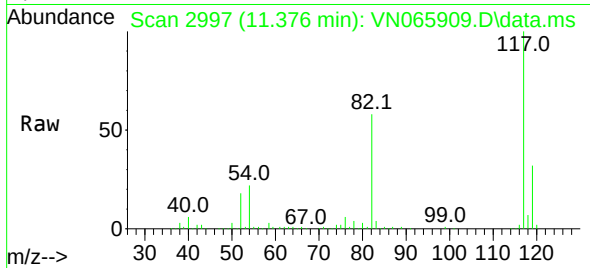




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

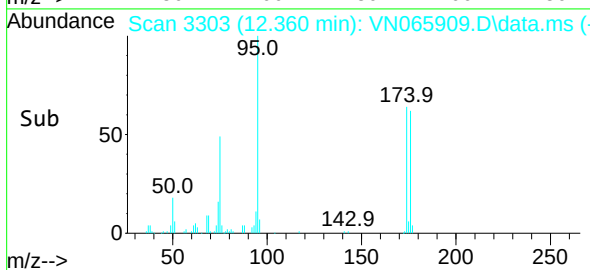
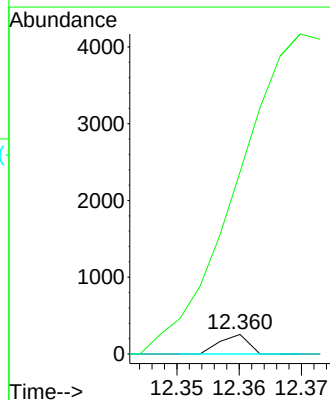
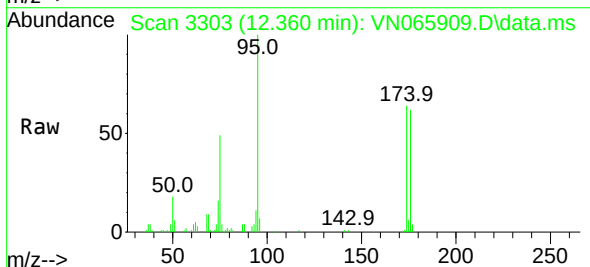
Instrument :
MSVOA_N
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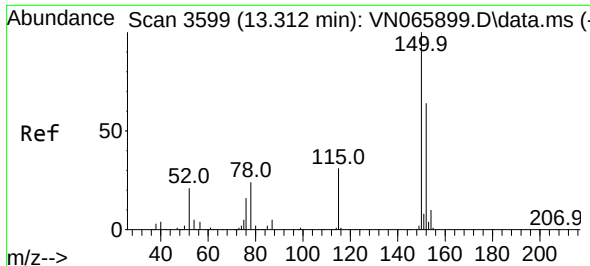
Tgt Ion:117 Resp: 288141
Ion Ratio Lower Upper
117 100
82 58.5 43.7 65.5
119 32.1 26.1 39.1



#71
Bromoform
Concen: 2.55 ug/l
RT: 12.360 min Scan# 3303
Delta R.T. 0.263 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Tgt Ion:173 Resp: 81
Ion Ratio Lower Upper
173 100
175 7355.6 23.8 71.2#
254 0.0 0.0 0.0

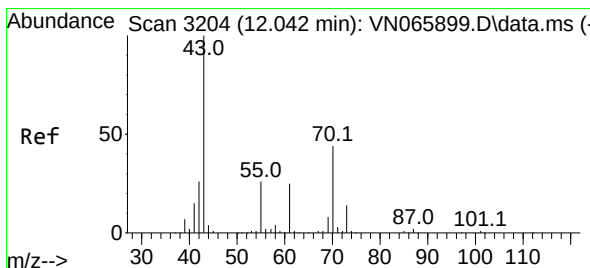
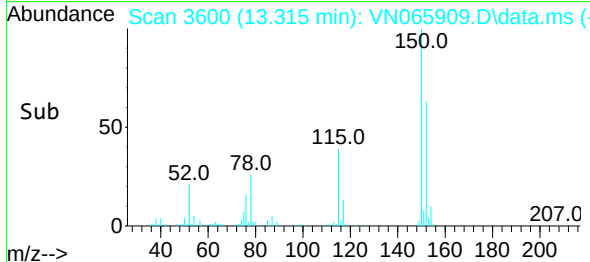
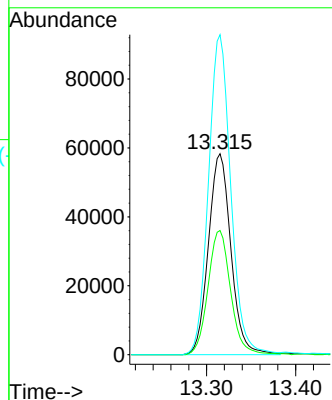
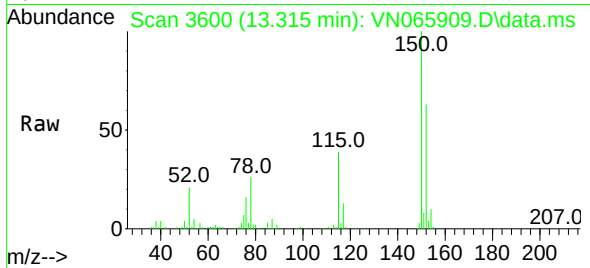




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

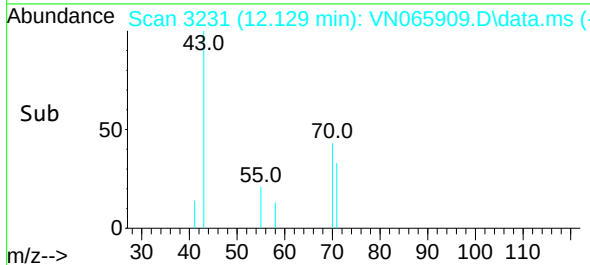
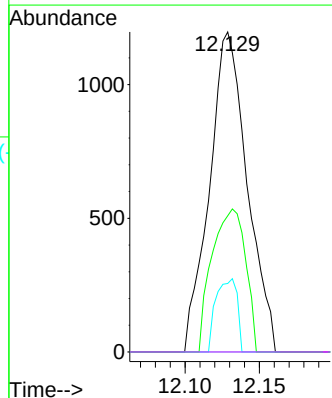
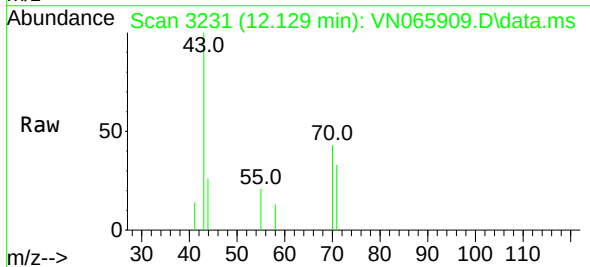
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210211

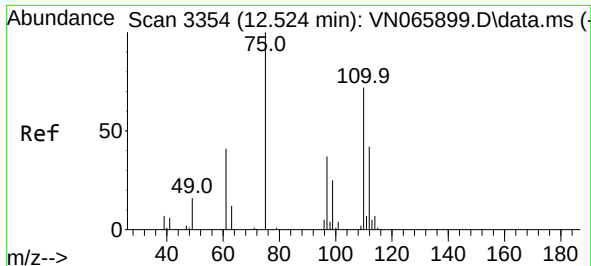
Tgt Ion:152 Resp: 102519
Ion Ratio Lower Upper
152 100
115 61.9 28.5 85.6
150 156.9 0.0 347.6



#74
N-ethyl acetate
Concen: 0.73 ug/l
RT: 12.129 min Scan# 3231
Delta R.T. 0.087 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
70 39.6 34.4 51.6
55 12.7 20.7 31.1#
61 0.0 19.1 28.7#

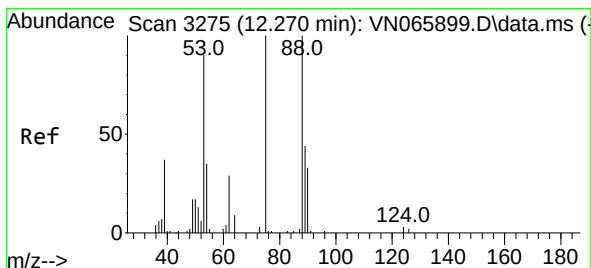
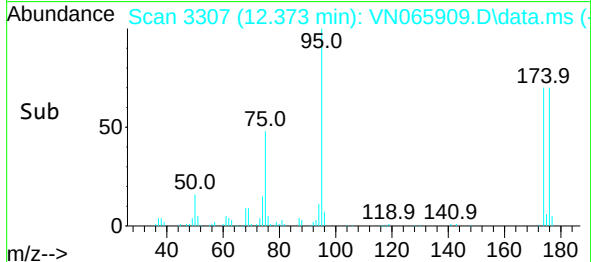
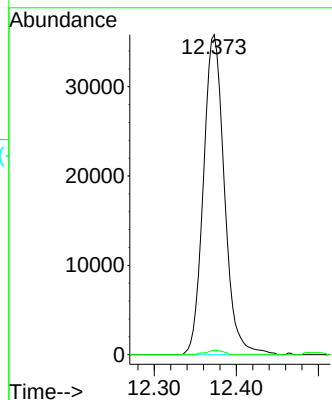
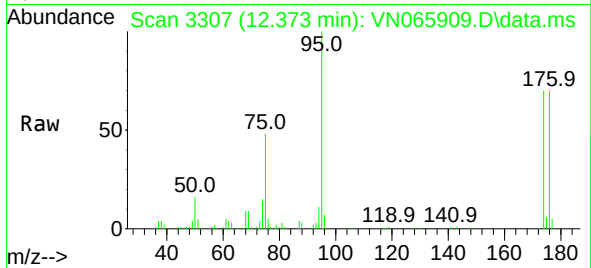




#76
1,2,3-Trichloropropane
Concen: 25.91 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

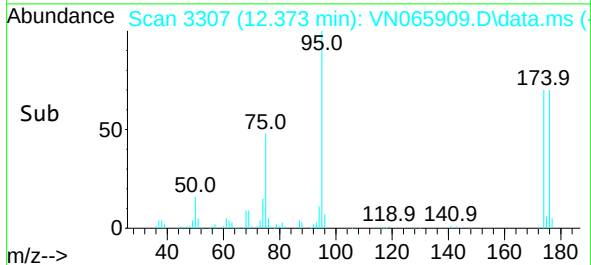
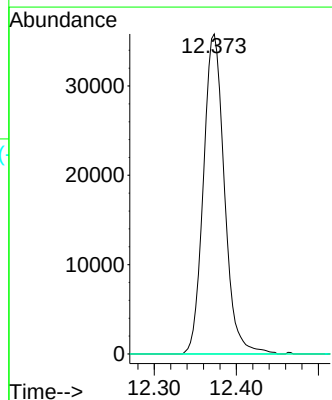
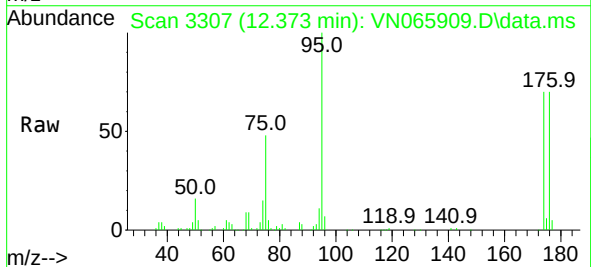
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210211

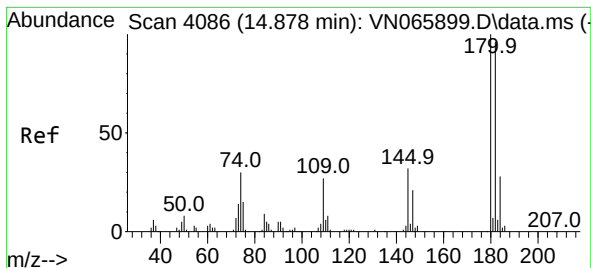
Tgt Ion: 75 Resp: 63800
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.56 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Tgt Ion: 75 Resp: 63800
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

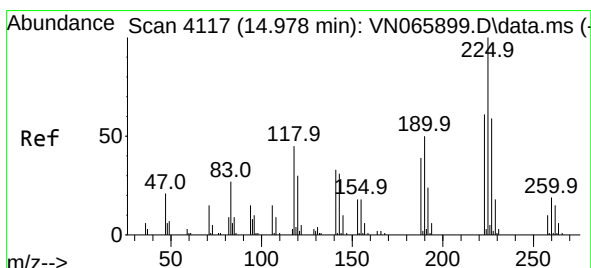
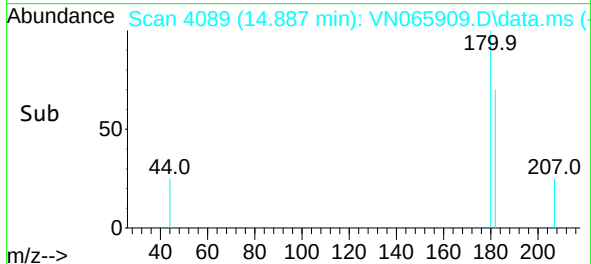
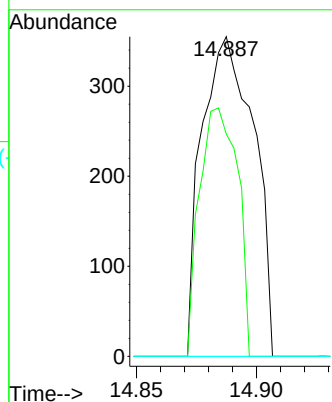
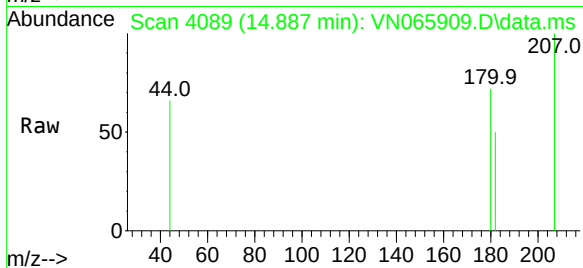




#93
1,2,4-Trichlorobenzene
Concen: 2.74 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.009 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

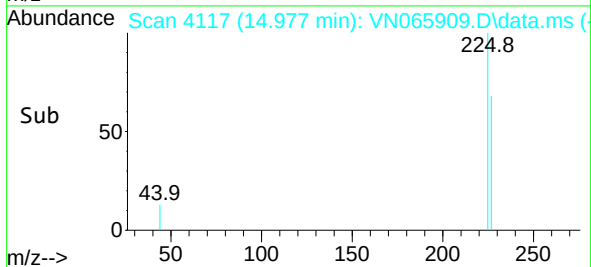
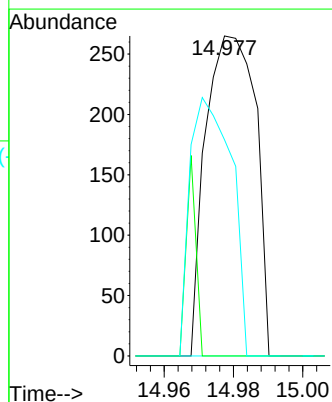
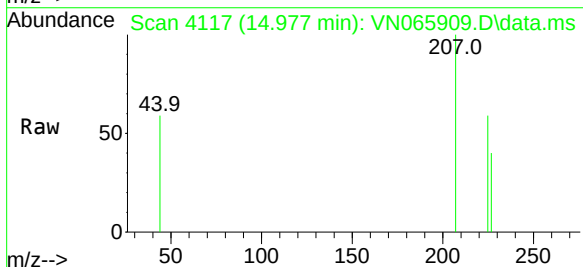
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210211

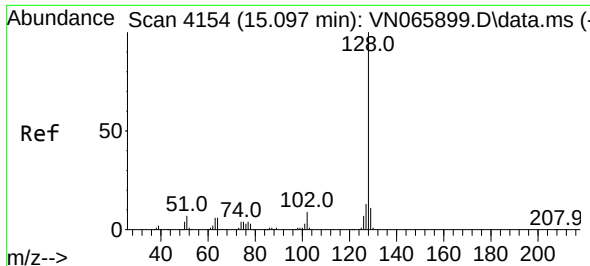
Tgt Ion:180 Resp: 534
Ion Ratio Lower Upper
180 100
182 56.9 47.3 142.0
145 0.0 15.6 46.8#



#94
Hexachlorobutadiene
Concen: 0.34 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. -0.001 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

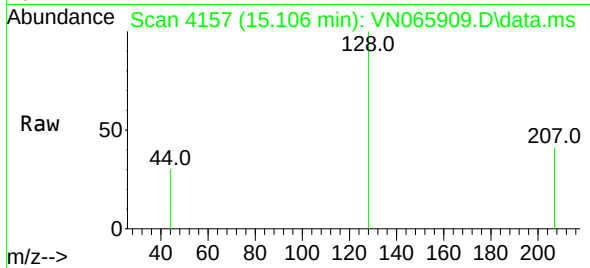
Tgt Ion:225 Resp: 265
Ion Ratio Lower Upper
225 100
223 12.1 31.9 95.9#
227 67.2 31.6 95.0



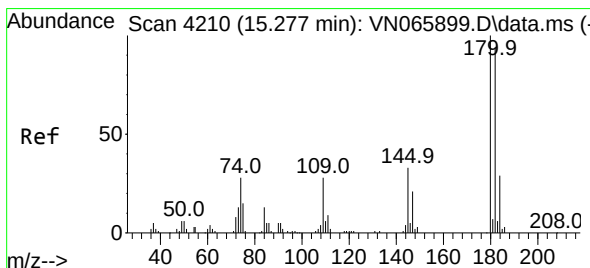
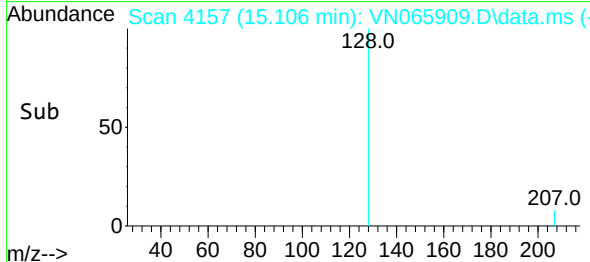
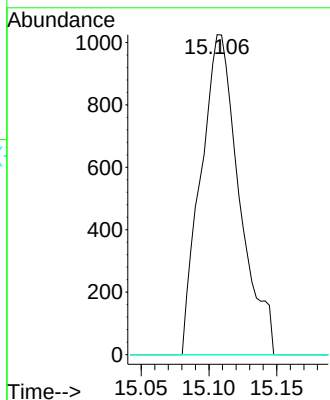


#95
Naphthalene
Concen: 3.38 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.009 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210211



Tgt Ion:128 Resp: 2023
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.53 ug/l
RT: 15.289 min Scan# 4214
Delta R.T. 0.012 min
Lab File: VN065909.D
Acq: 17 Feb 2021 22:02

Tgt Ion:180 Resp: 689
Ion Ratio Lower Upper
180 100
182 86.5 47.4 142.3
145 14.4 16.5 49.5#

