

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011921\
 Data File : VN065555.D
 Acq On : 19 Jan 2021 14:16
 Operator : JC/MD
 Sample : M1169-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-C

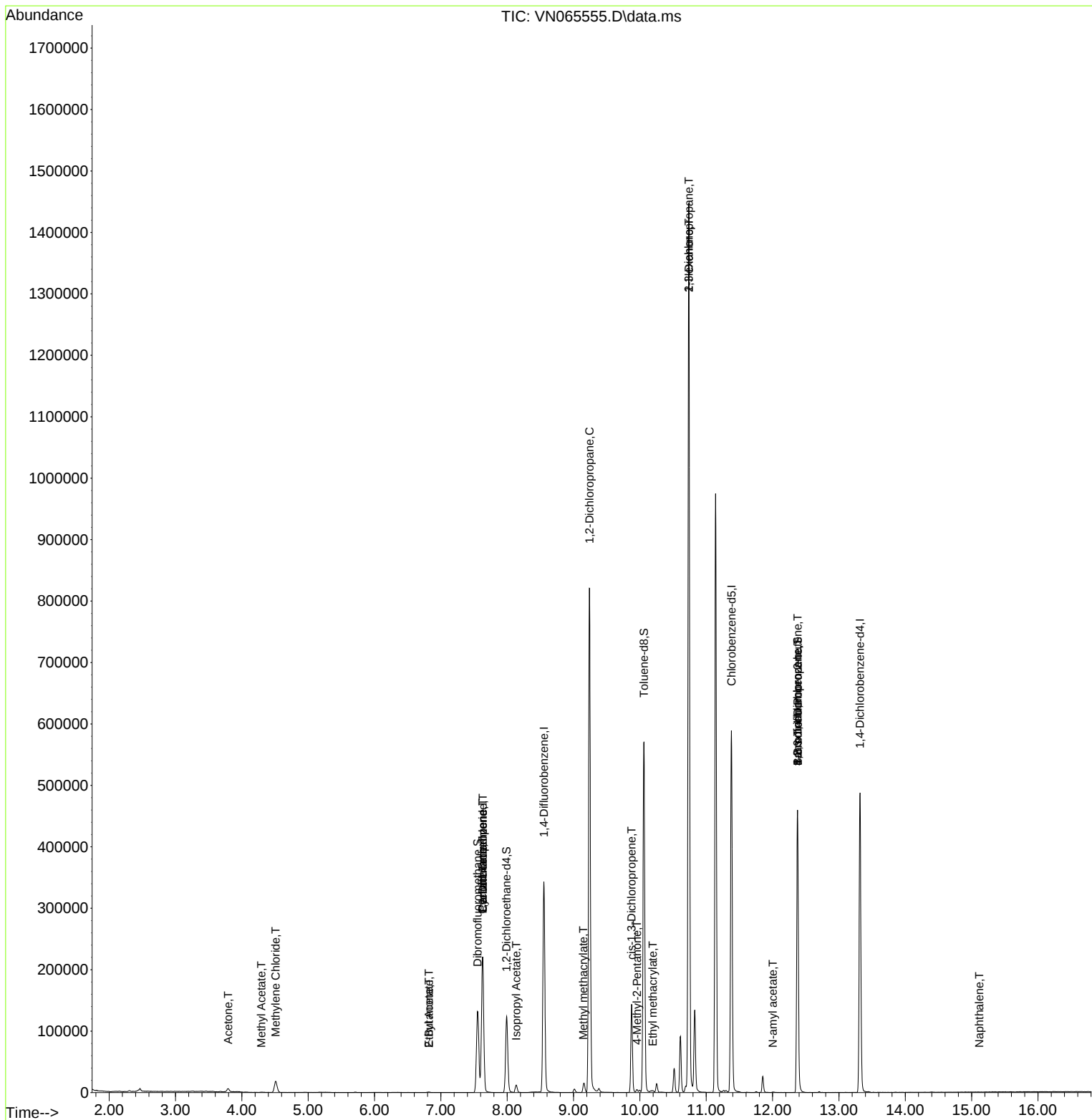
Quant Time: Jan 20 00:29:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 18 18:11:15 2021
 Response via : Initial Calibration

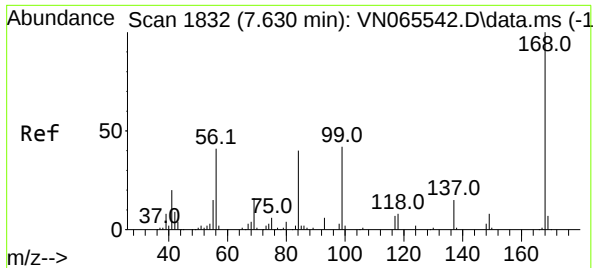
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.631	168	207847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	339078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	374021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	155804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	106516	55.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.96%			
35) Dibromofluoromethane	7.553	113	104557	51.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.30%			
50) Toluene-d8	10.061	98	427517	56.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.52%			
62) 4-Bromofluorobenzene	12.376	95	162412	56.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.90%			
Target Compounds					Qvalue	
16) Acetone	3.795	43	8769	12.44	ug/l	96
18) Methyl Acetate	4.293	43	706	0.37	ug/l #	50
20) Methylene Chloride	4.508	84	14922	7.13	ug/l	98
25) 2-Butanone	6.820	43	698	0.73	ug/l #	49
31) Cyclohexane	7.627	56	2842	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	11871	4.23	ug/l #	49
37) Ethyl Acetate	6.820	43	698	0.29	ug/l #	66
38) Carbon Tetrachloride	7.631	117	16443	5.89	ug/l #	16
43) Isopropyl Acetate	8.135	43	14213	3.67	ug/l	98
45) 1,2-Dichloropropane	9.241	63	989	0.44	ug/l #	43
48) Methyl methacrylate	9.148	41	3701	1.93	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	3287	1.40	ug/l	97
54) cis-1,3-Dichloropropene	9.875	75	27928	7.90	ug/l #	58
56) Ethyl methacrylate	10.193	69	1934	2.68	ug/l #	83
57) 1,3-Dichloropropane	10.737	76	15947	4.38	ug/l #	42
59) 2-Hexanone	10.737	43	196716	117.06	ug/l #	51
71) Bromoform	12.376	173	1218	3.27	ug/l #	1
74) N-amyl acetate	12.003	43	1520	0.46	ug/l #	42
76) 1,2,3-Trichloropropane	12.376	75	75270	26.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	75270	77.54	ug/l #	15
95) Naphthalene	15.116	128	29	3.22	ug/l #	69

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

Quant Time: Jan 20 00:29:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 18 18:11:15 2021
Response via : Initial Calibration

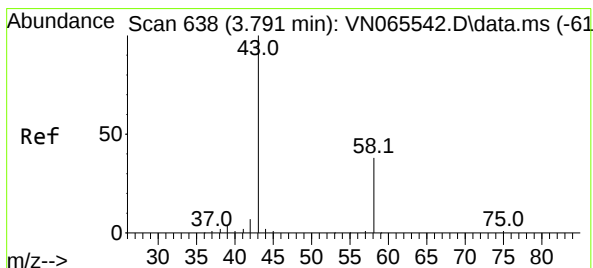
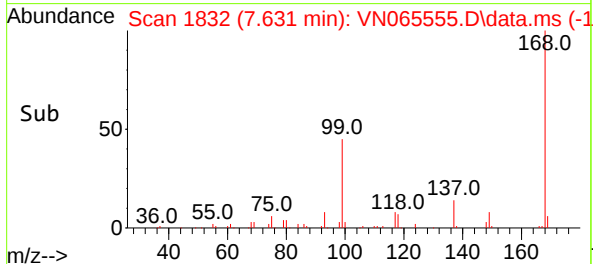
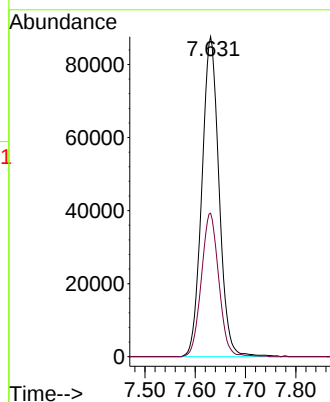
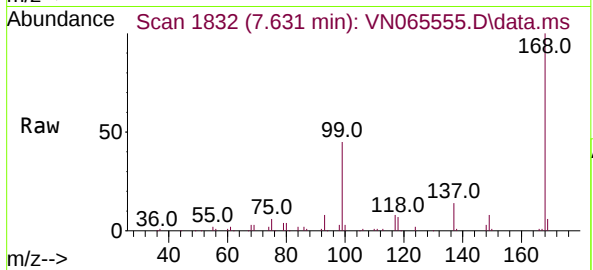




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.001 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

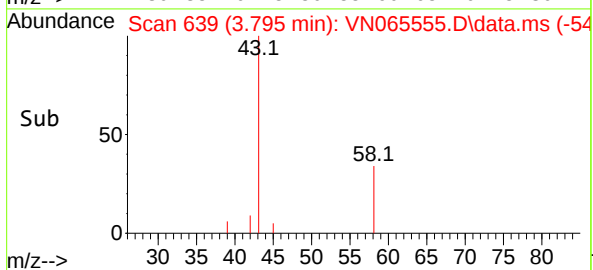
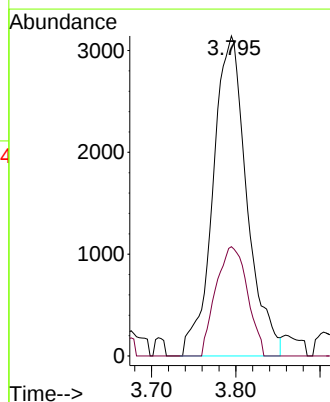
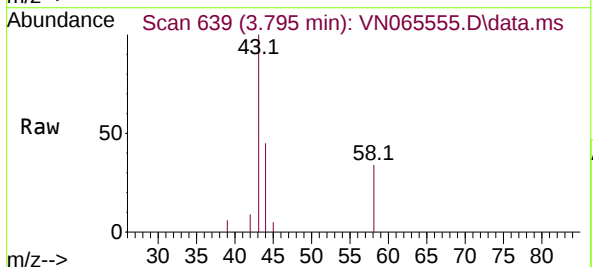
Instrument :
MSVOA_N
ClientSampleId :
TP-C

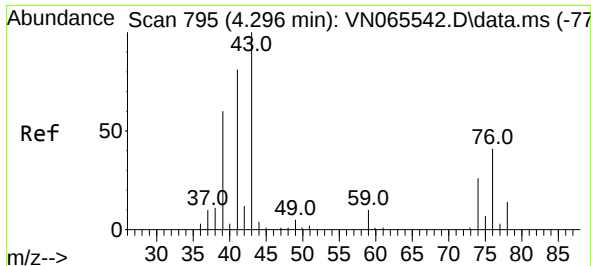
Tgt Ion:168 Resp: 207847
Ion Ratio Lower Upper
168 100
99 44.8 43.0 64.4



#16
Acetone
Concen: 12.44 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.004 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Tgt Ion: 43 Resp: 8769
Ion Ratio Lower Upper
43 100
58 34.1 25.7 38.5

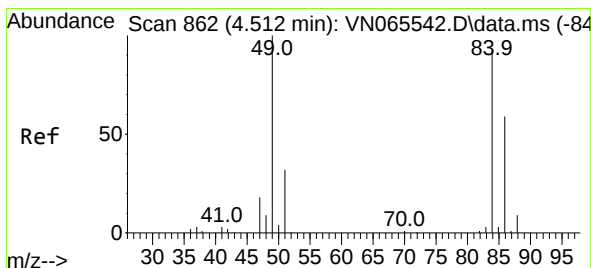
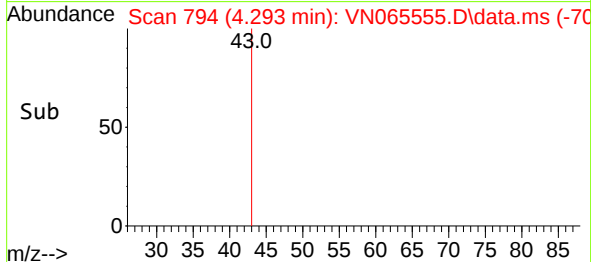
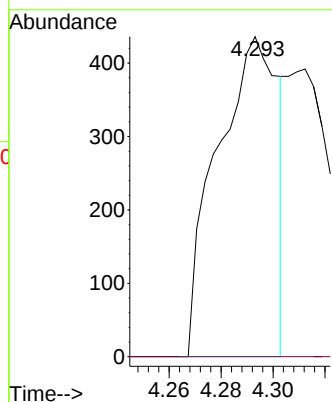
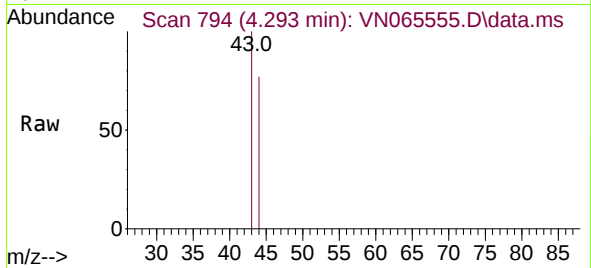




#18
Methyl Acetate
Concen: 0.37 ug/l
RT: 4.293 min Scan# 794
Delta R.T. -0.003 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

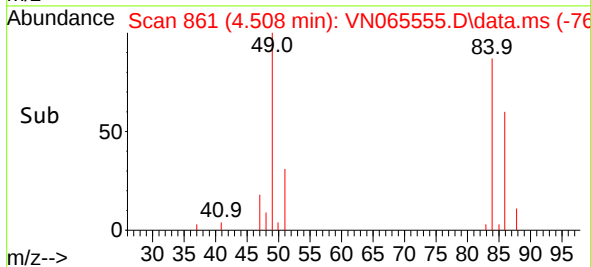
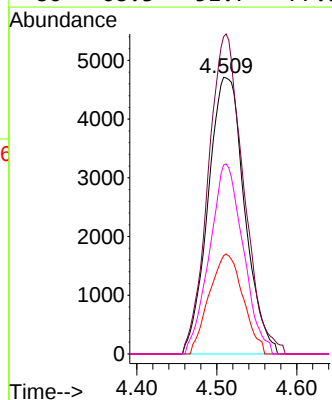
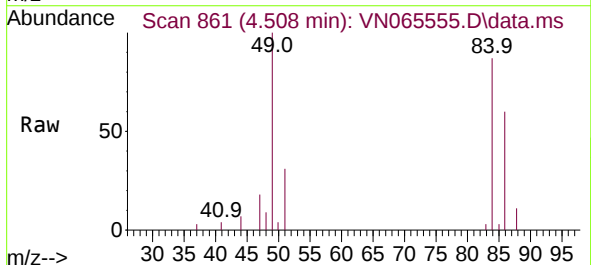
Instrument :
MSVOA_N
ClientSampleId :
TP-C

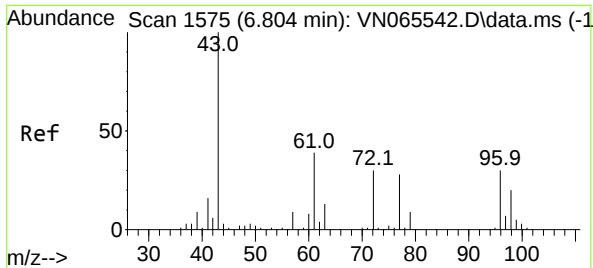
Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 7.13 ug/l
RT: 4.508 min Scan# 861
Delta R.T. -0.003 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Tgt Ion: 84 Resp: 14922
Ion Ratio Lower Upper
84 100
49 114.7 93.4 140.0
51 35.5 28.2 42.4
86 68.3 51.7 77.5

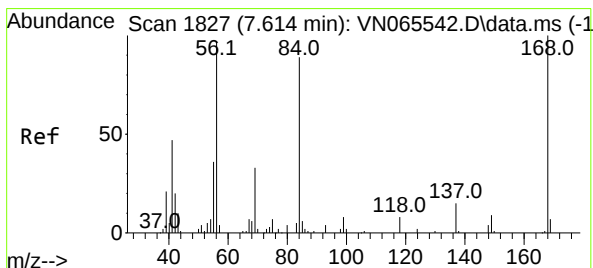
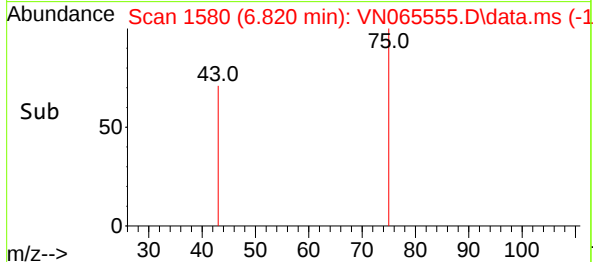
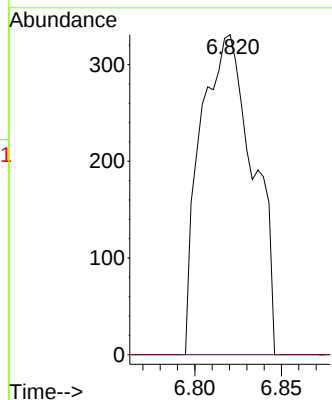
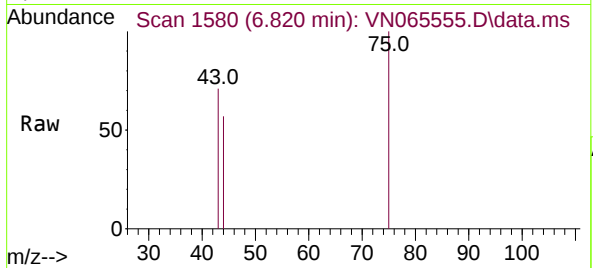




#25
2-Butanone
Concen: 0.73 ug/l
RT: 6.820 min Scan# 1580
Delta R.T. 0.016 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

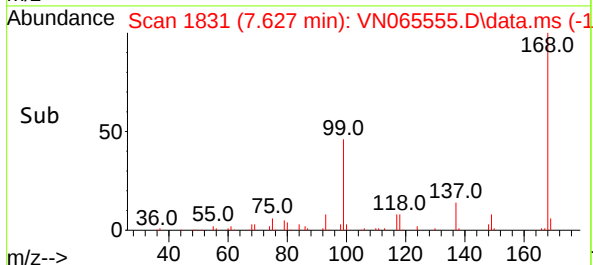
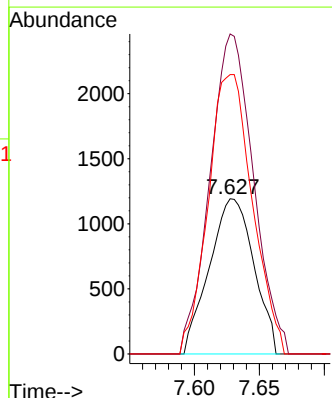
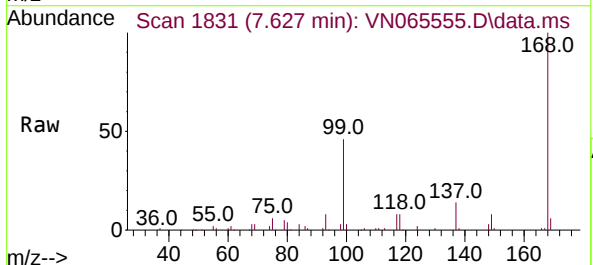
Instrument :
MSVOA_N
ClientSampled :
TP-C

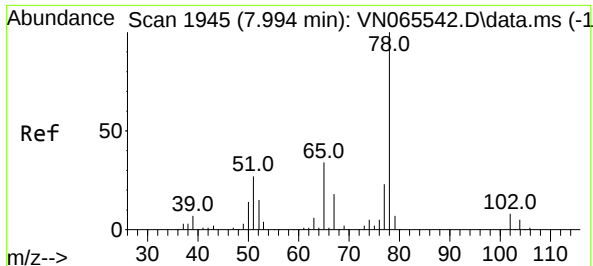
Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.013 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Tgt Ion: 56 Resp: 2842
Ion Ratio Lower Upper
56 100
69 206.1 27.5 41.3#
84 180.0 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 55.48 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. -0.003 min

Lab File: VN065555.D

Acq: 19 Jan 2021 14:16

Tgt Ion: 65 Resp: 106516

Ion Ratio Lower Upper

65 100

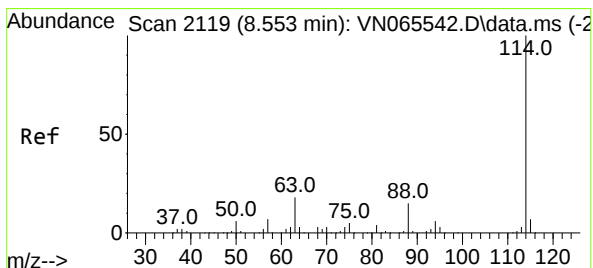
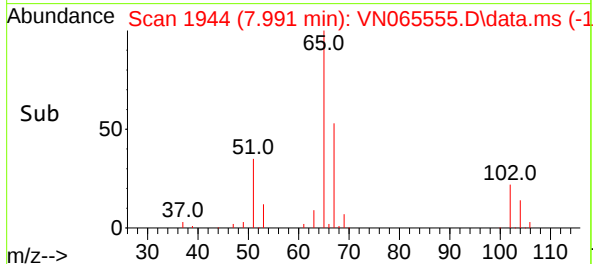
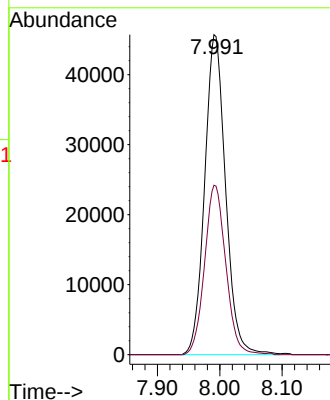
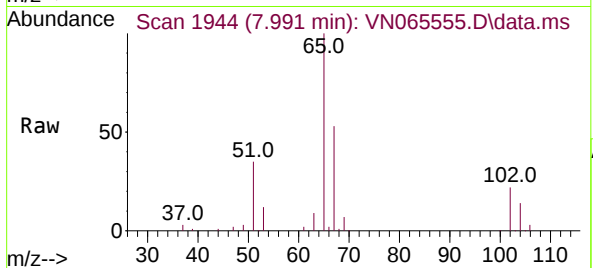
67 53.7 0.0 108.2

Instrument :

MSVOA_N

ClientSampled :

TP-C



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.553 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VN065555.D

Acq: 19 Jan 2021 14:16

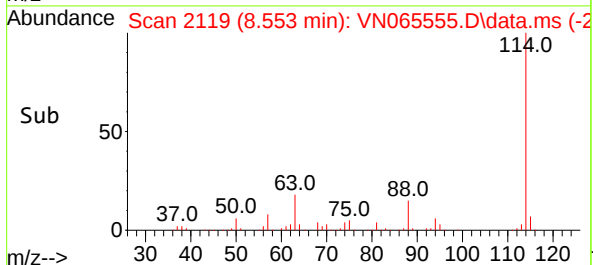
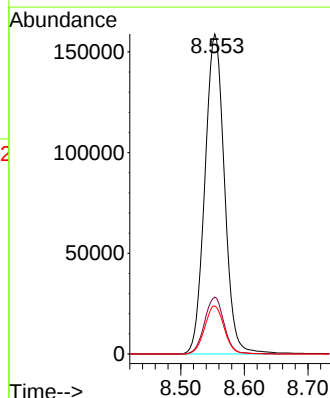
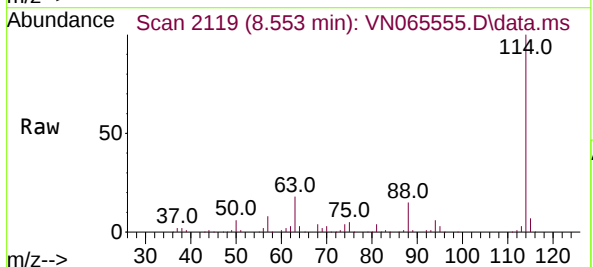
Tgt Ion: 114 Resp: 339078

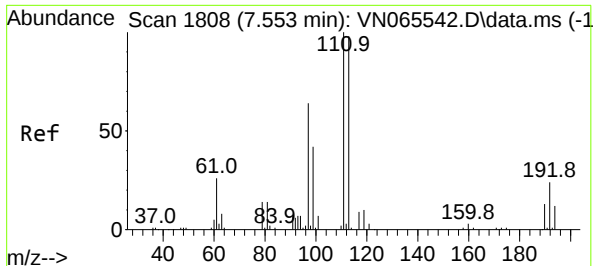
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.6

88 15.0 0.0 32.6

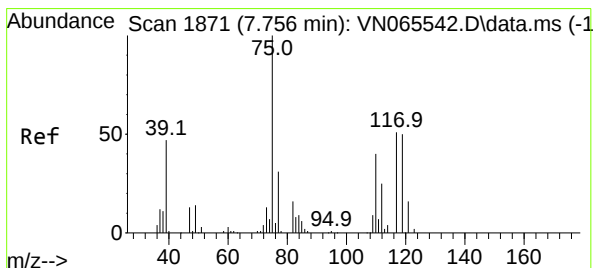
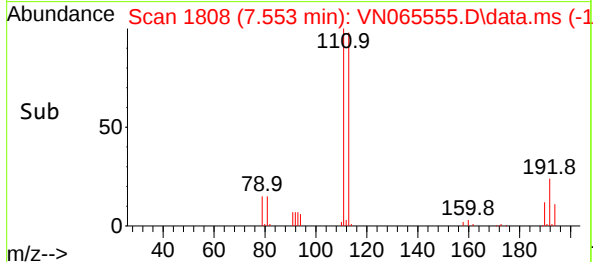
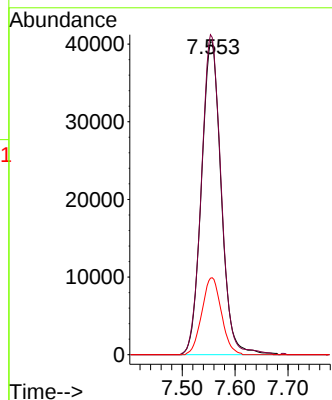
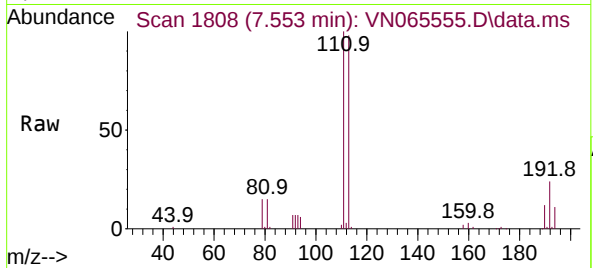




#35
 Dibromofluoromethane
 Concen: 51.65 ug/l
 RT: 7.553 min Scan# 1808
 Delta R.T. 0.000 min
 Lab File: VN065555.D
 Acq: 19 Jan 2021 14:16

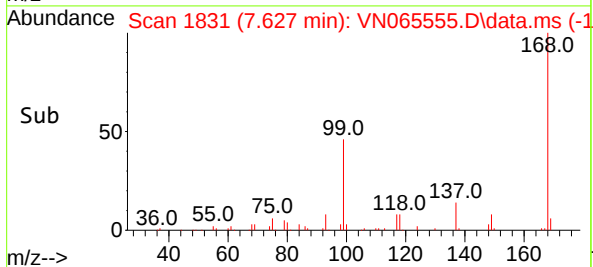
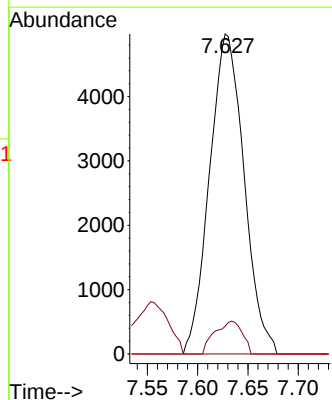
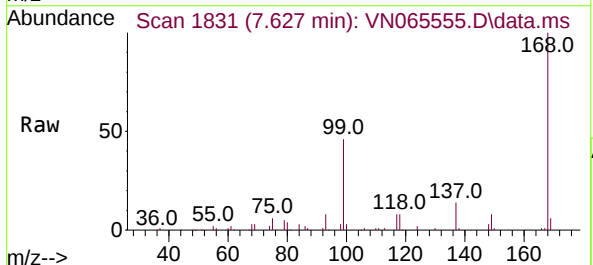
Instrument :
 MSVOA_N
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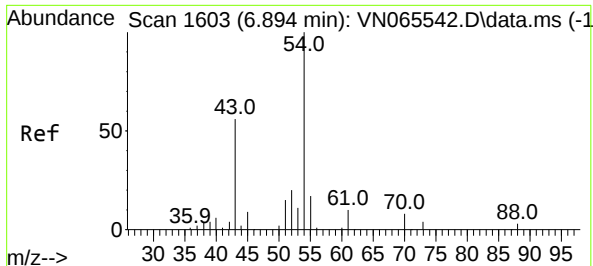
Tgt Ion:	113	Resp:	104557
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	24.3	16.2	24.2#



#36
 1,1-Dichloropropene
 Concen: 4.23 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. -0.129 min
 Lab File: VN065555.D
 Acq: 19 Jan 2021 14:16

Tgt Ion:	75	Resp:	11871
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.8	53.3#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 0.29 ug/l

RT: 6.820 min Scan# 1580

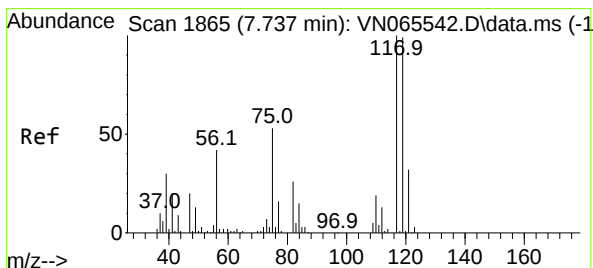
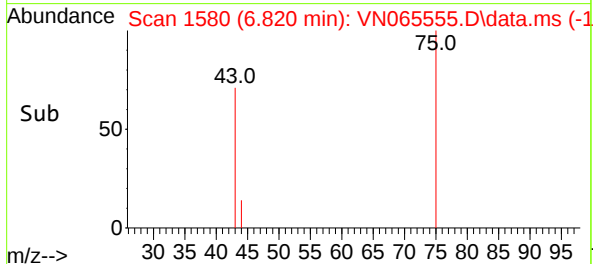
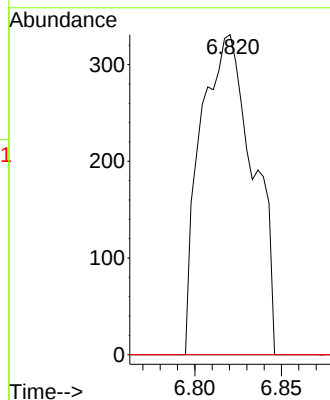
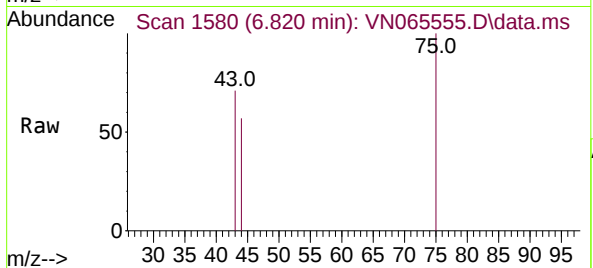
Delta R.T. -0.074 min

Lab File: VN065555.D

Acq: 19 Jan 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :
TP-C

Tgt Ion: 43	Resp: 698
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.89 ug/l

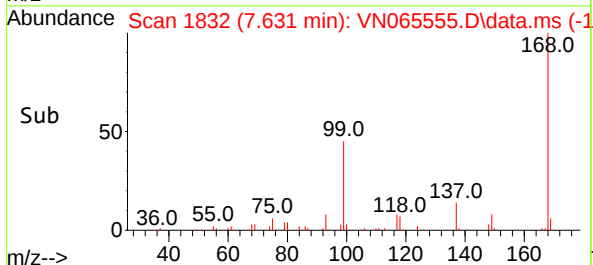
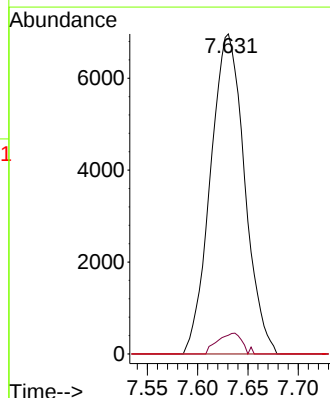
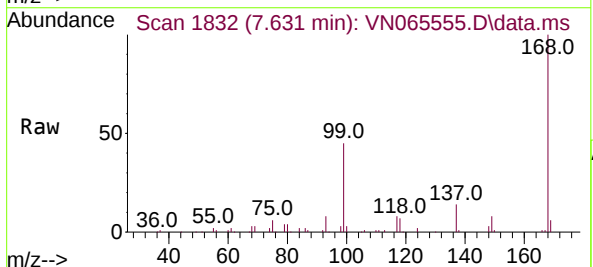
RT: 7.631 min Scan# 1832

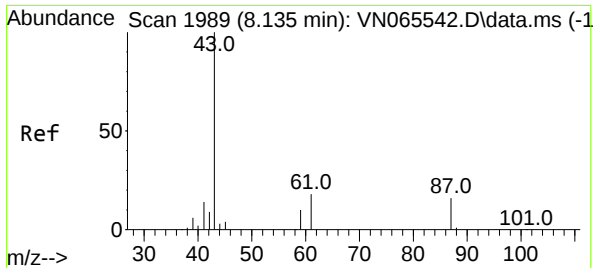
Delta R.T. -0.106 min

Lab File: VN065555.D

Acq: 19 Jan 2021 14:16

Tgt Ion:117	Resp:	16443	
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.7	115.1#
121	0.0	25.4	38.2#

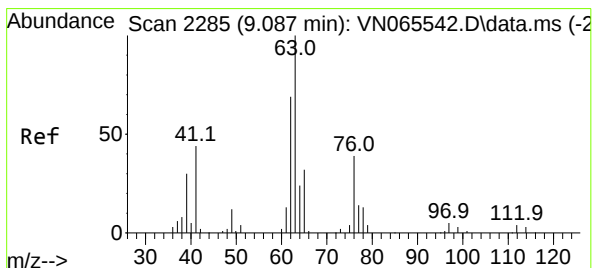
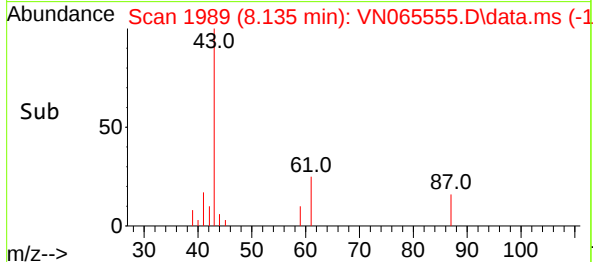
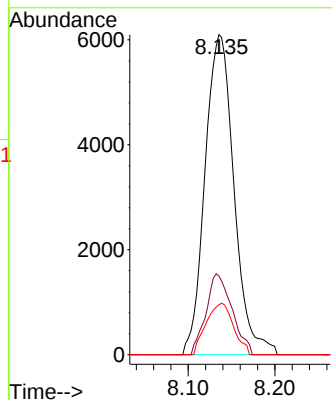
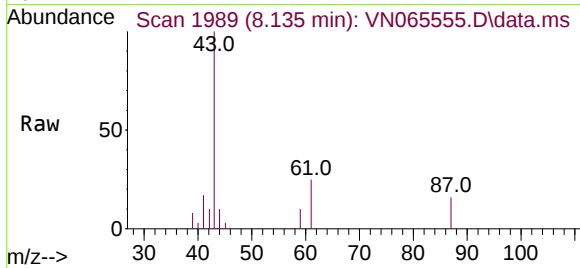




#43
Isopropyl Acetate
Concen: 3.67 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

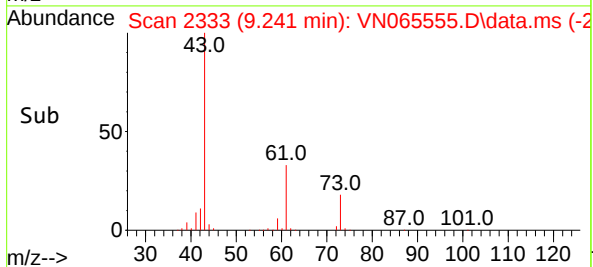
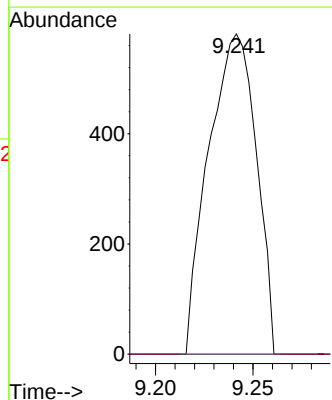
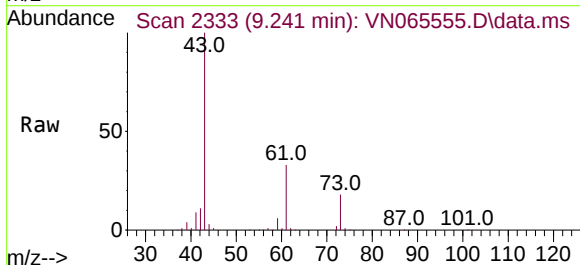
Instrument :
MSVOA_N
ClientSampled :
TP-C

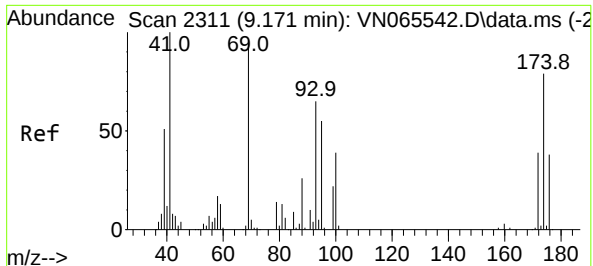
Tgt Ion: 43	Resp: 14213
Ion Ratio	Lower Upper
43 100	
61 22.6	17.2 25.8
87 15.1	11.4 17.0



#45
1,2-Dichloropropane
Concen: 0.44 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.154 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Tgt Ion: 63	Resp: 989
Ion Ratio	Lower Upper
63 100	
65 0.0	25.0 37.4#





#48

Methyl methacrylate

Concen: 1.93 ug/l

RT: 9.148 min Scan# 2304

Delta R.T. -0.023 min

Lab File: VN065555.D

Acq: 19 Jan 2021 14:16

Tgt Ion: 41 Resp: 3701

Ion Ratio Lower Upper

41 100

69 0.0 71.8 107.8#

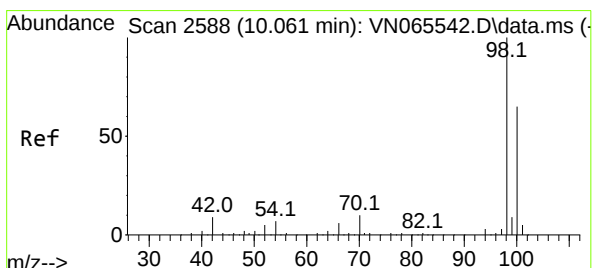
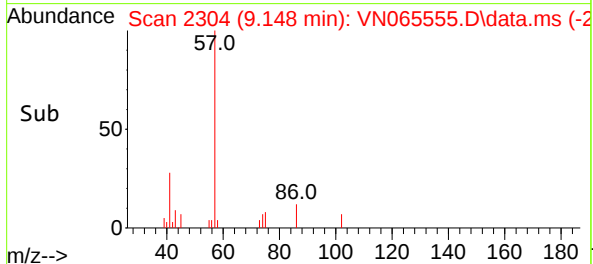
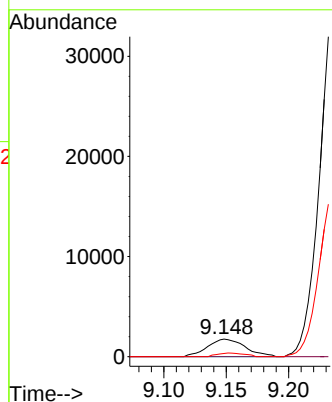
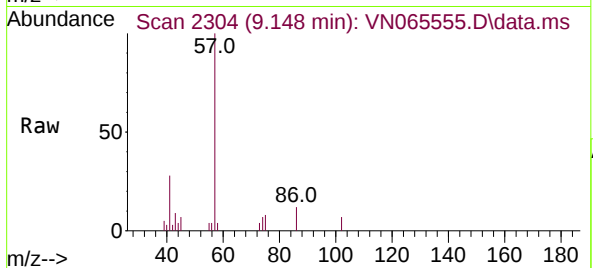
39 0.0 44.1 66.1#

Instrument :

MSVOA_N

ClientSampled :

TP-C



#50

Toluene-d8

Concen: 56.26 ug/l

RT: 10.061 min Scan# 2588

Delta R.T. 0.000 min

Lab File: VN065555.D

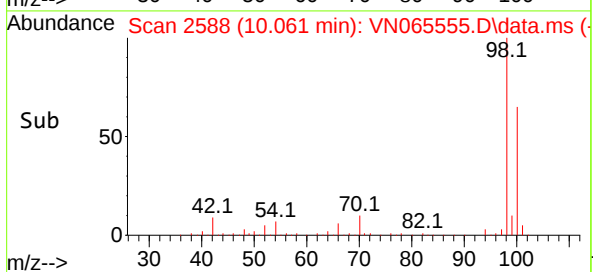
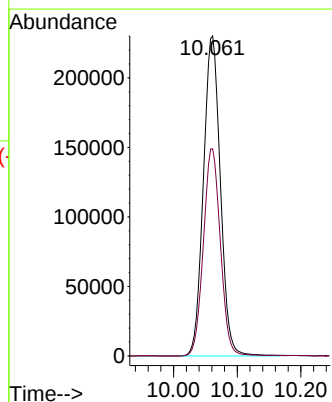
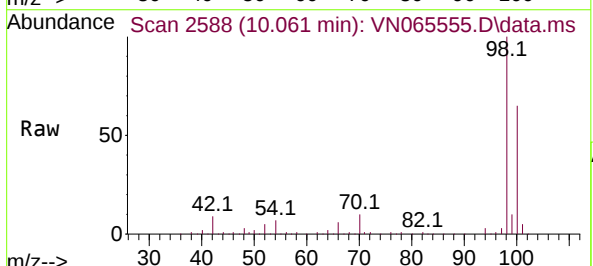
Acq: 19 Jan 2021 14:16

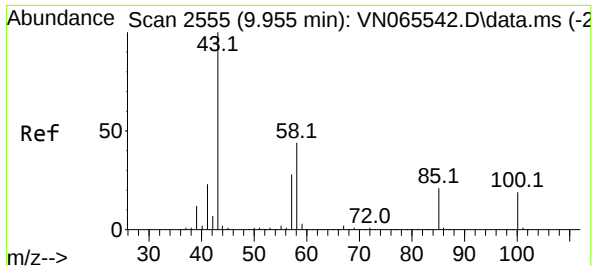
Tgt Ion: 98 Resp: 427517

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5

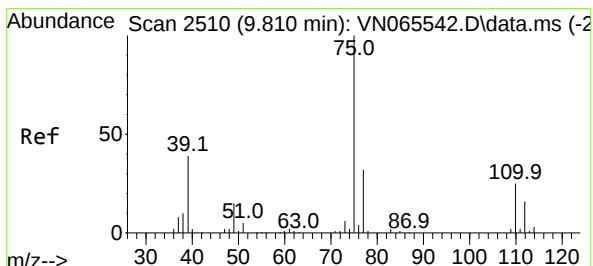
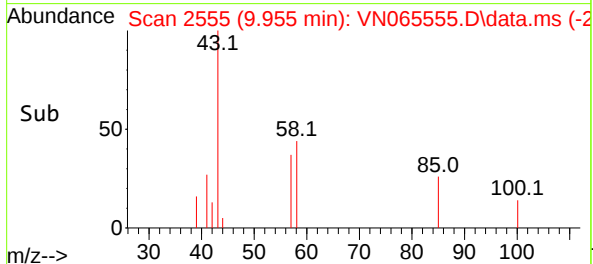
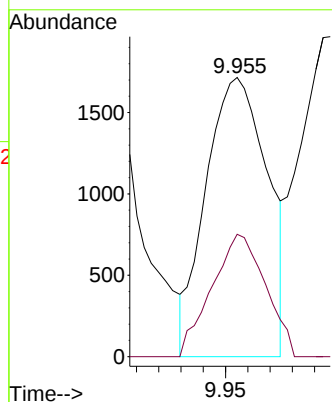
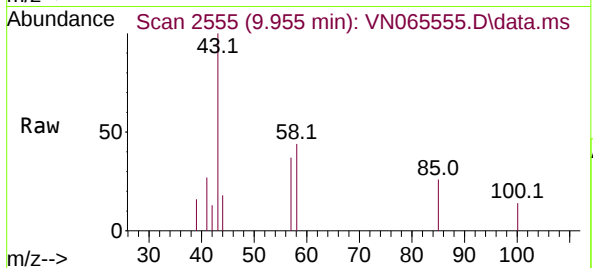




#51
4-Methyl-2-Pentanone
Concen: 1.40 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

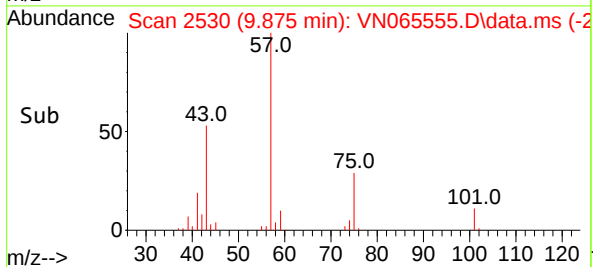
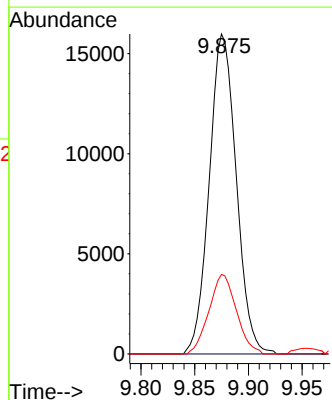
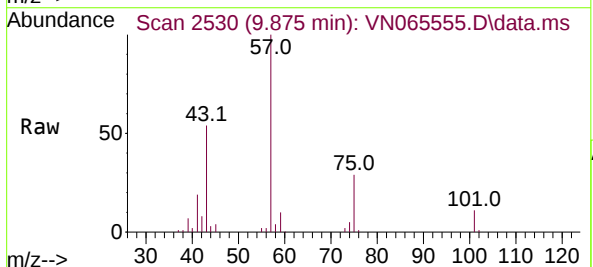
Instrument :
MSVOA_N
ClientSampleId :
TP-C

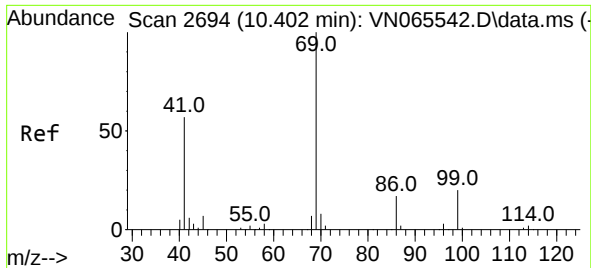
Tgt Ion: 43 Resp: 3287
Ion Ratio Lower Upper
43 100
58 38.4 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 7.90 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.065 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Tgt Ion: 75 Resp: 27928
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 24.8 35.6 53.4#

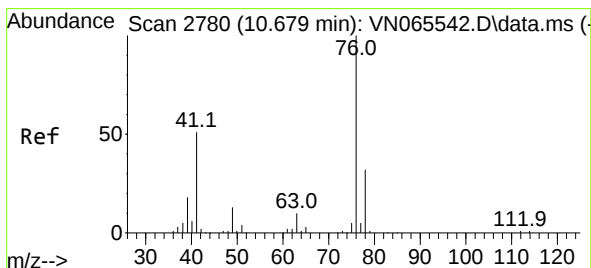
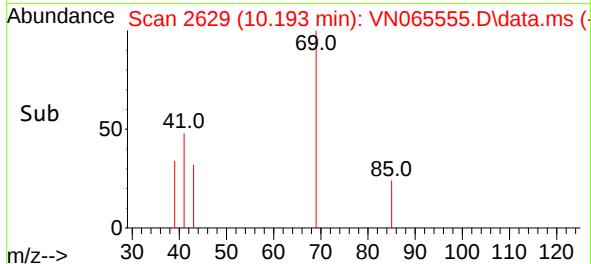
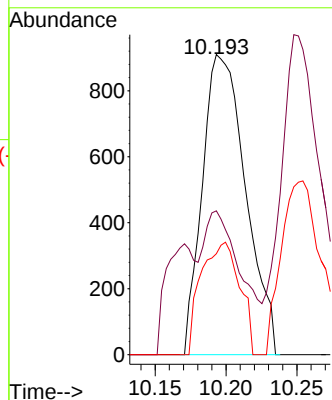
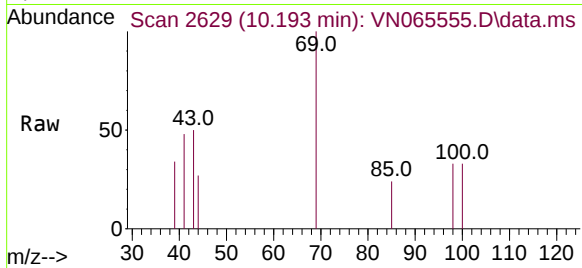




#56
Ethyl methacrylate
Concen: 2.68 ug/l
RT: 10.193 min Scan# 2629
Delta R.T. -0.209 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

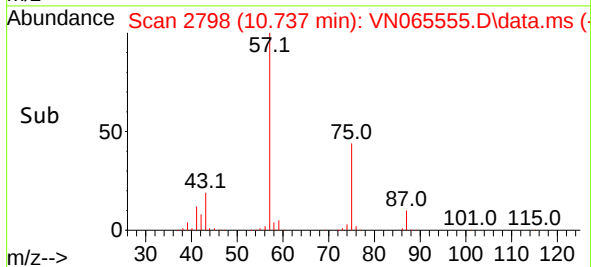
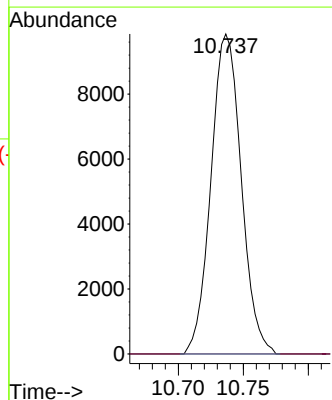
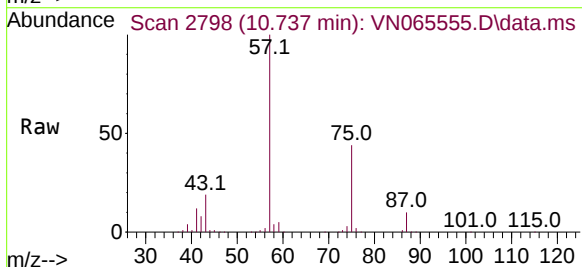
Instrument :
MSVOA_N
ClientSampleId :
TP-C

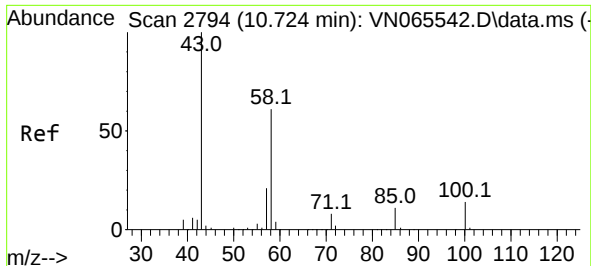
Tgt Ion: 69 Resp: 1934
Ion Ratio Lower Upper
69 100
41 42.1 49.4 74.0#
39 33.4 25.9 38.9



#57
1,3-Dichloropropane
Concen: 4.38 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Tgt Ion: 76 Resp: 15947
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

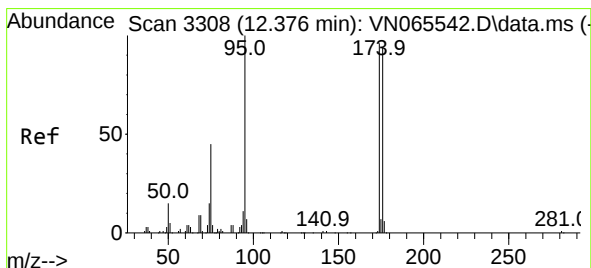
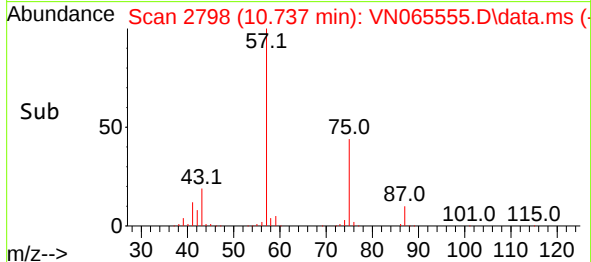
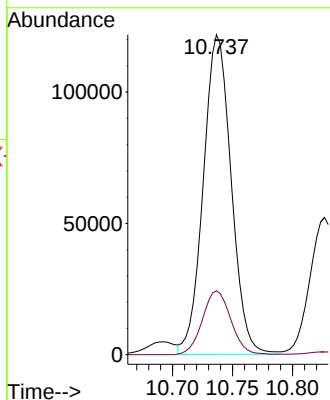
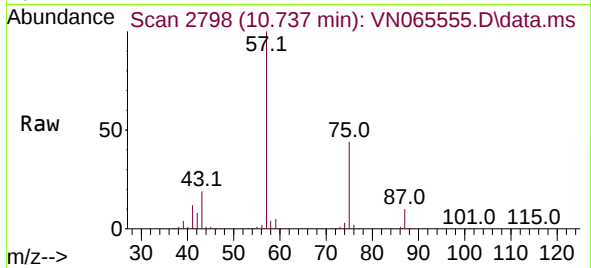




#59
2-Hexanone
Concen: 117.06 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

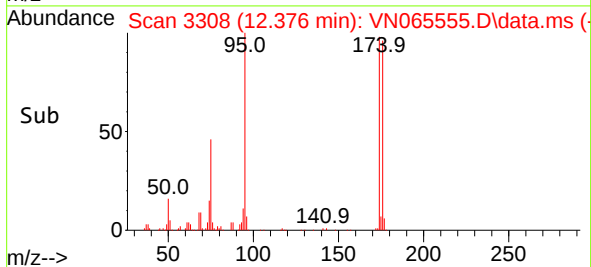
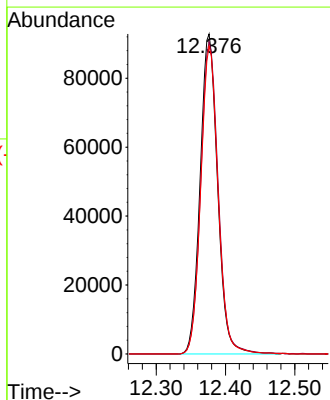
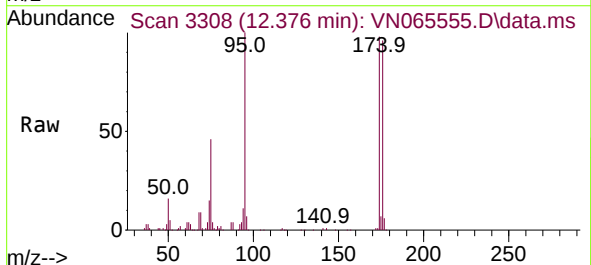
Instrument :
MSVOA_N
ClientSampleId :
TP-C

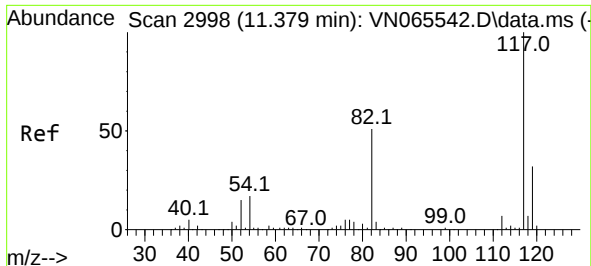
Tgt Ion: 43 Resp: 196716
Ion Ratio Lower Upper
43 100
58 20.4 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 56.95 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Tgt Ion: 95 Resp: 162412
Ion Ratio Lower Upper
95 100
174 97.8 0.0 160.4
176 95.5 0.0 158.4

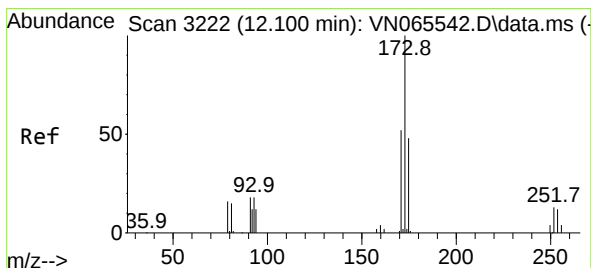
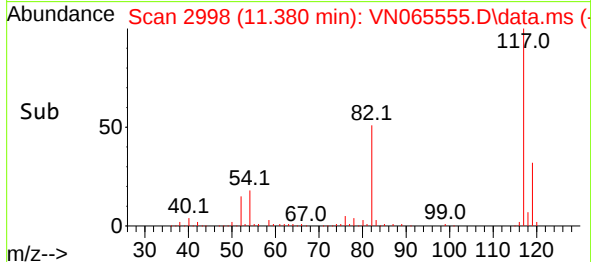
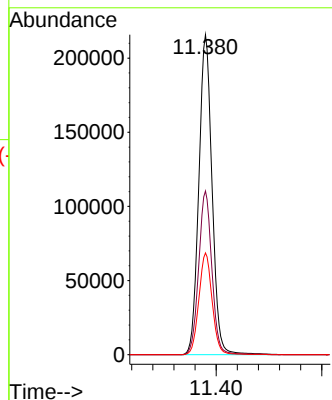
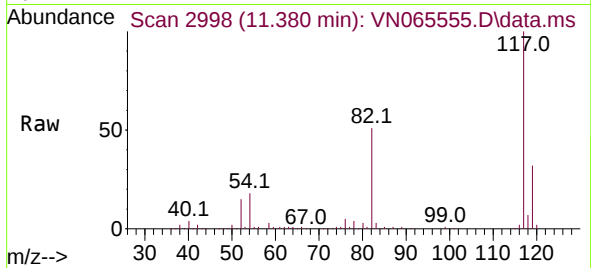




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

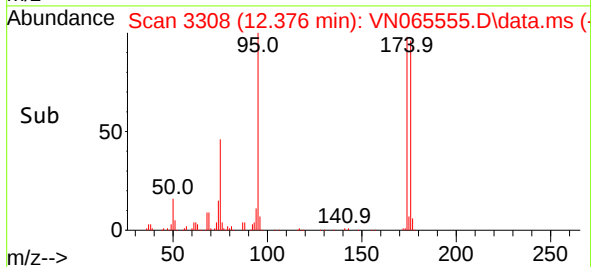
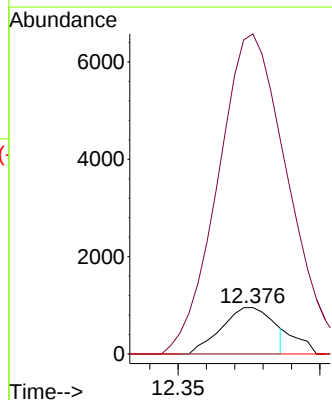
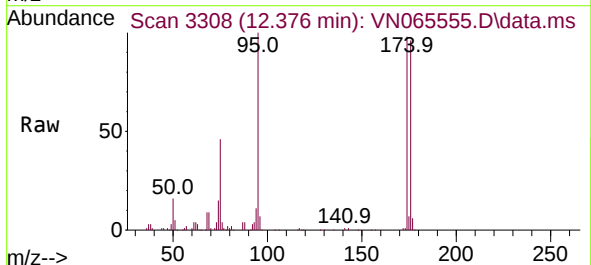
Instrument :
MSVOA_N
ClientSampled :
TP-C

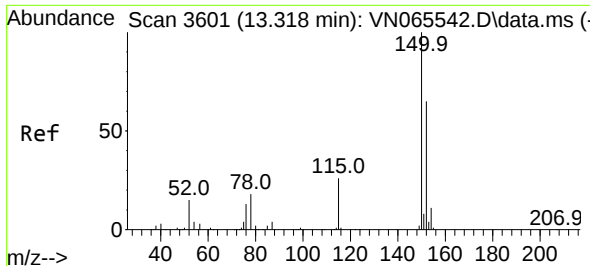
Tgt Ion:117 Resp: 374021
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 31.8 25.8 38.6



#71
Bromoform
Concen: 3.27 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Tgt Ion:173 Resp: 1218
Ion Ratio Lower Upper
173 100
175 759.0 24.3 72.8#
254 0.0 0.0 0.0

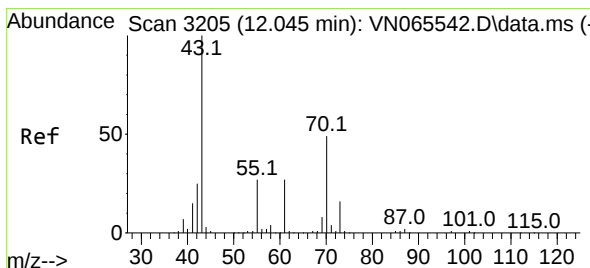
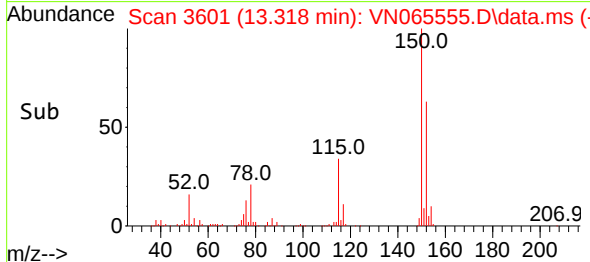
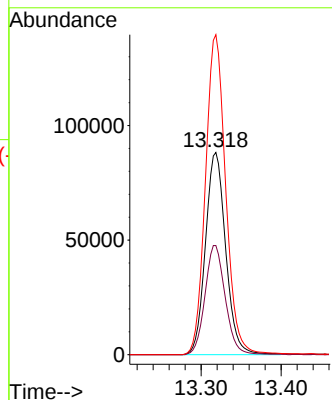
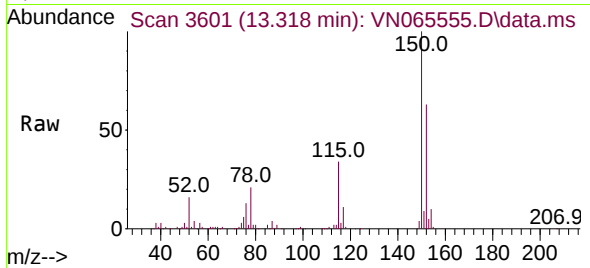




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

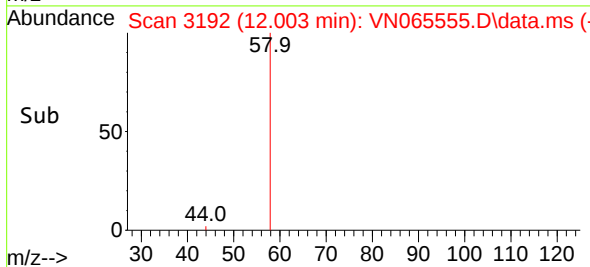
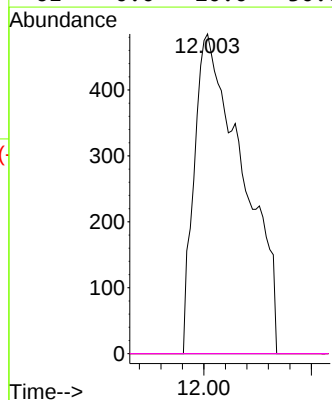
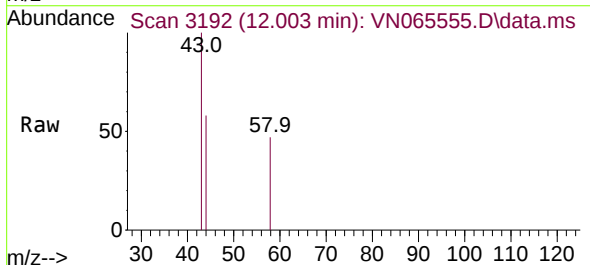
Instrument :
MSVOA_N
ClientSampled :
TP-C

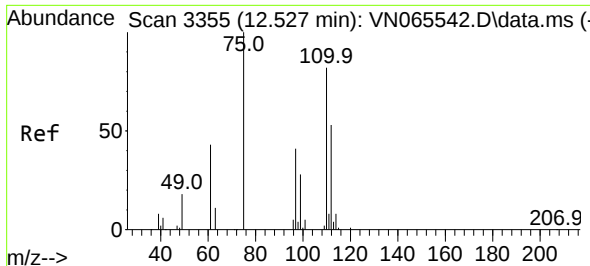
Tgt Ion:152 Resp: 155804
Ion Ratio Lower Upper
152 100
115 53.9 29.7 89.1
150 158.0 0.0 350.6



#74
N-ethyl acetate
Concen: 0.46 ug/l
RT: 12.003 min Scan# 3192
Delta R.T. -0.042 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Tgt Ion: 43 Resp: 1520
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 0.0 20.4 30.6#
61 0.0 20.0 30.0#

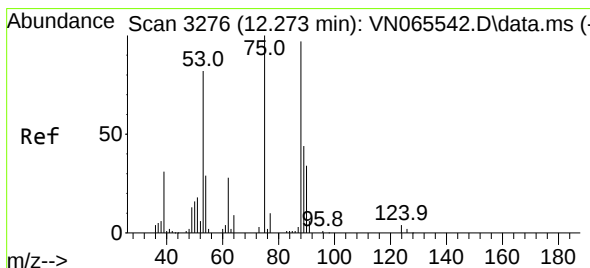
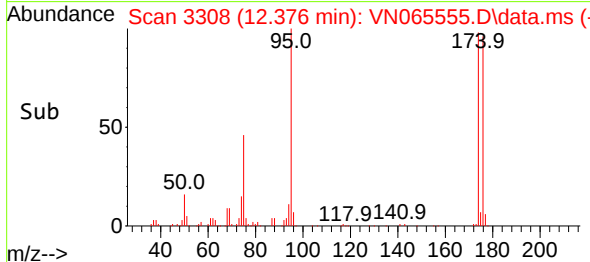
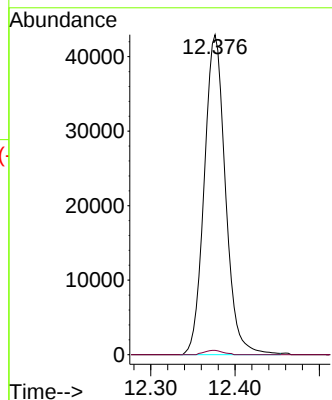
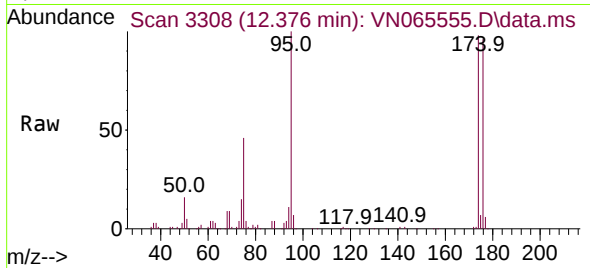




#76
1,2,3-Trichloropropane
Concen: 26.67 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

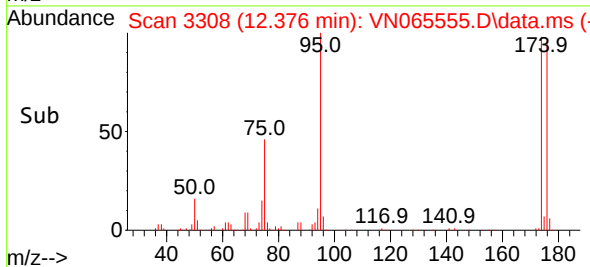
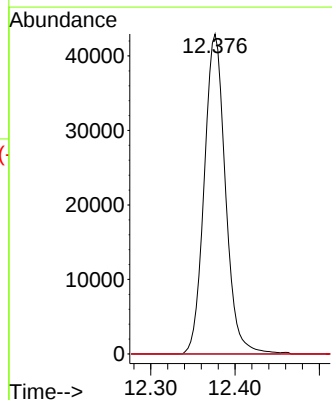
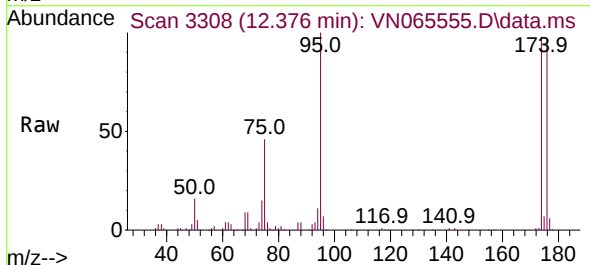
Instrument :
MSVOA_N
ClientSampled :
TP-C

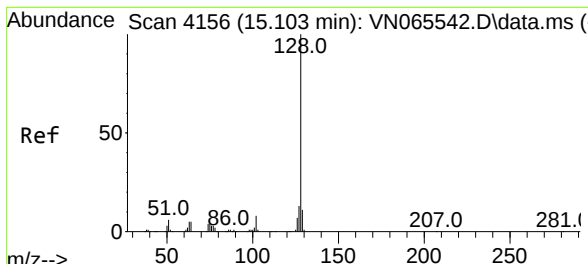
Tgt Ion: 75 Resp: 75270
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.54 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

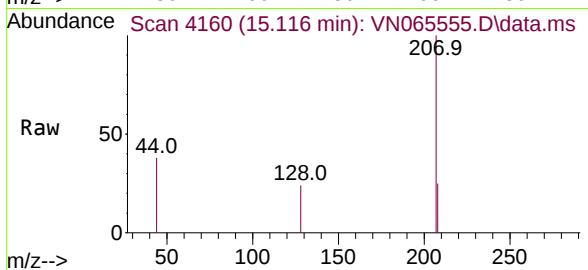
Tgt Ion: 75 Resp: 75270
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
Naphthalene
Concen: 3.22 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.013 min
Lab File: VN065555.D
Acq: 19 Jan 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :
TP-C



Tgt Ion:	128	Resp:	29
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

