

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065658.D
 Acq On : 28 Jan 2021 18:43
 Operator : JC/MD
 Sample : PB134372ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#06

Quant Time: Jan 29 01:25:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

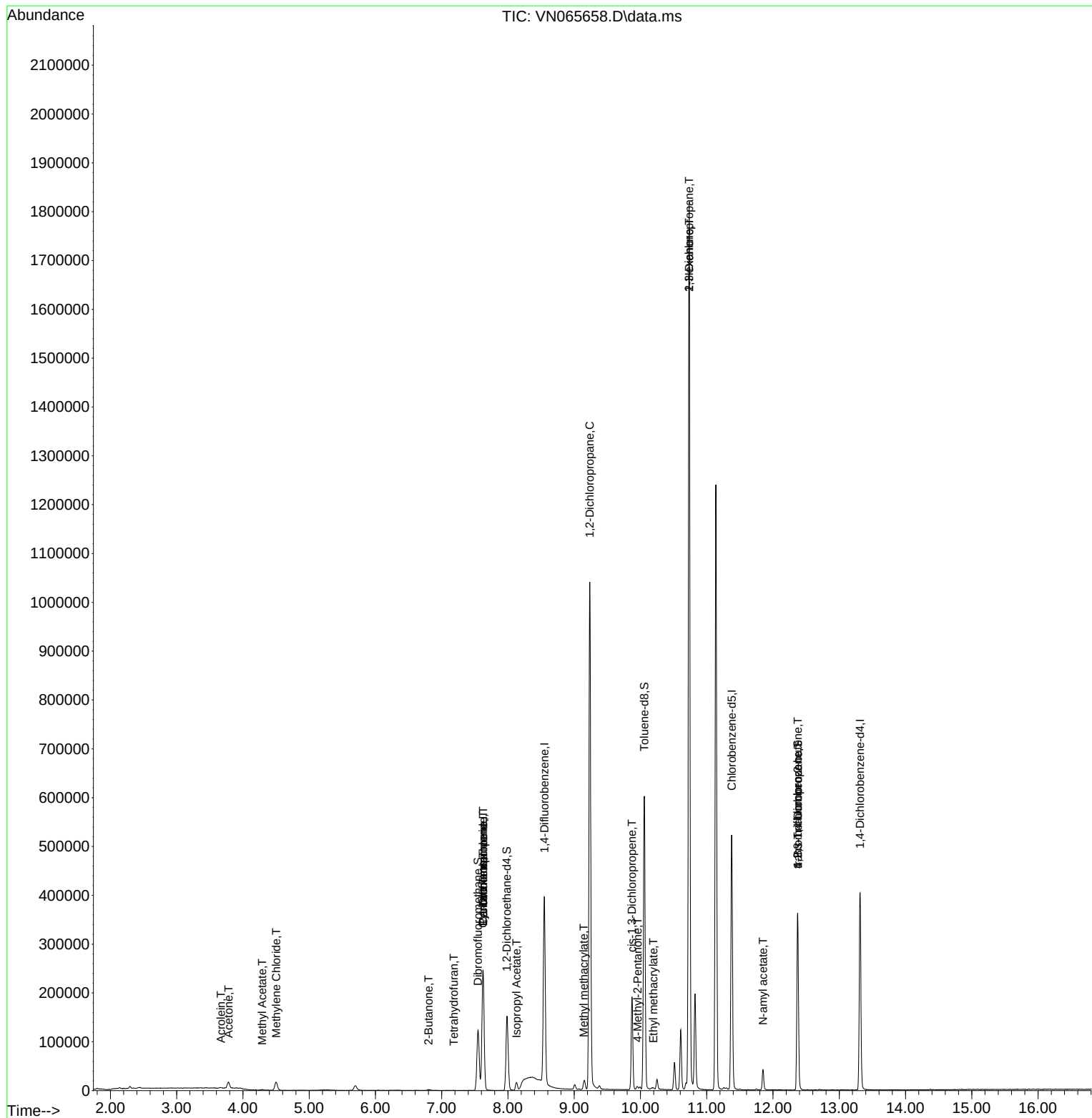
Internal Standards						
1) Pentafluorobenzene	7.624	168	200143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	348733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	307749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	116617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	128187	48.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.36%		
35) Dibromofluoromethane	7.547	113	100120	48.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.90%		
50) Toluene-d8	10.058	98	434929	53.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.08%		
62) 4-Bromofluorobenzene	12.373	95	146977	50.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.50%		
Target Compounds					Qvalue	
13) Acrolein	3.669	56	60	18.22	ug/l	92
16) Acetone	3.782	43	20626	20.12	ug/l	99
18) Methyl Acetate	4.290	43	3363	1.17	ug/l #	66
20) Methylene Chloride	4.502	84	12500	4.40	ug/l	98
25) 2-Butanone	6.801	43	3549	2.21	ug/l #	88
29) Tetrahydrofuran	7.183	42	322	0.28	ug/l #	32
31) Cyclohexane	7.621	56	4172	0.84	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16605	4.73	ug/l #	47
38) Carbon Tetrachloride	7.624	117	18989	6.57	ug/l #	18
43) Isopropyl Acetate	8.129	43	20472	3.43	ug/l #	88
45) 1,2-Dichloropropane	9.235	63	1246	0.42	ug/l #	44
48) Methyl methacrylate	9.145	41	5102	1.80	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	4786	1.45	ug/l	98
54) cis-1,3-Dichloropropene	9.871	75	36255	8.00	ug/l #	56
56) Ethyl methacrylate	10.193	69	2349	0.59	ug/l #	82
57) 1,3-Dichloropropane	10.733	76	19351	4.54	ug/l #	43
59) 2-Hexanone	10.733	43	256225	112.14	ug/l #	51
74) N-amyl acetate	11.849	43	14259	3.30	ug/l #	50
76) 1,2,3-Trichloropropane	12.373	75	68626	22.50	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	68626	57.64	ug/l #	12

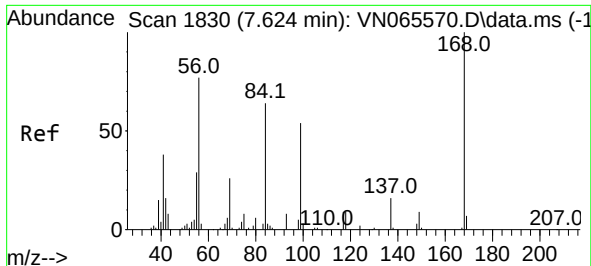
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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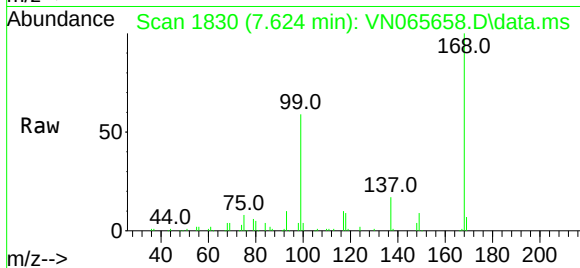
Quant Time: Jan 29 01:25:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
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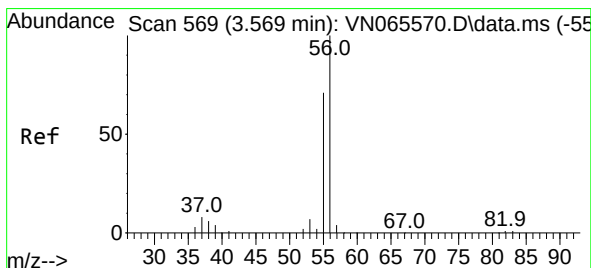
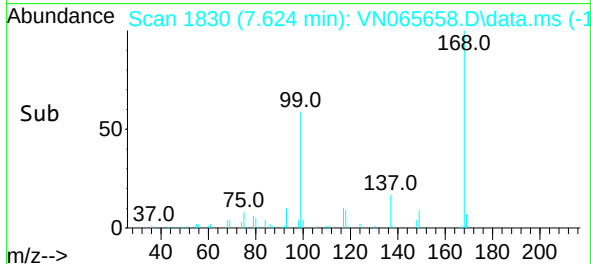
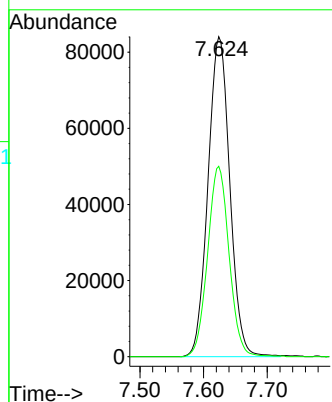


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06

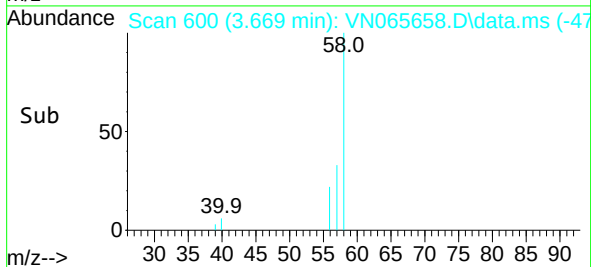
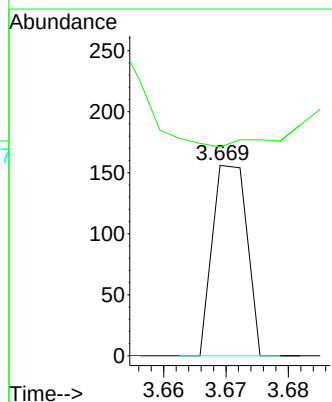
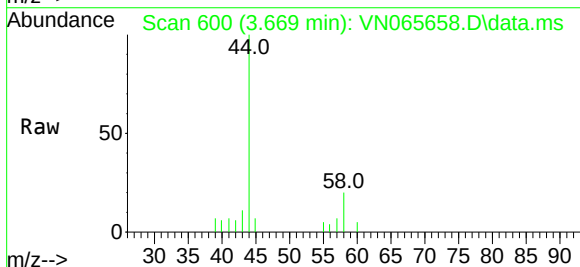


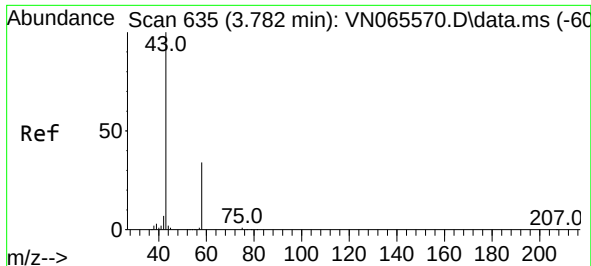
Tgt Ion:168 Resp: 200143
Ion Ratio Lower Upper
168 100
99 59.5 42.6 63.8



#13
Acrolein
Concen: 18.22 ug/l
RT: 3.669 min Scan# 600
Delta R.T. 0.100 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

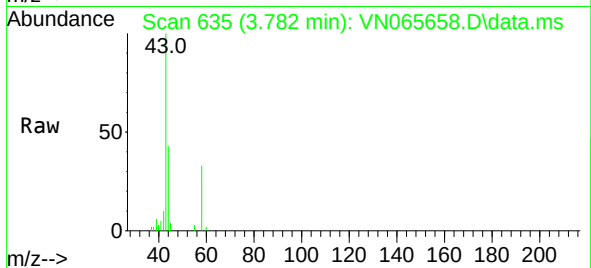
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 76.7 56.0 84.0



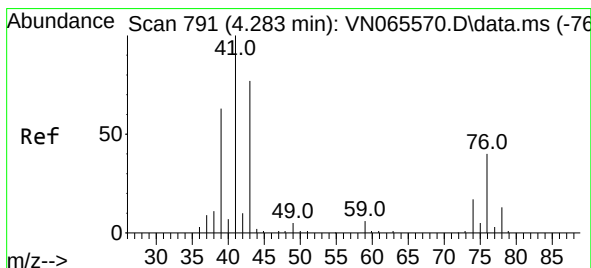
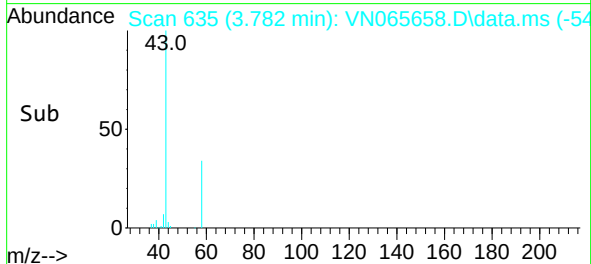
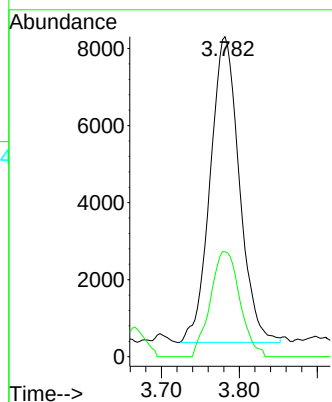


#16
Acetone
Concen: 20.12 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06

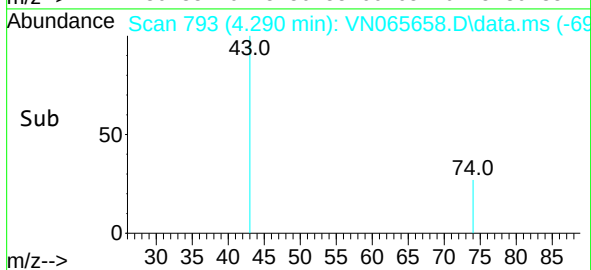
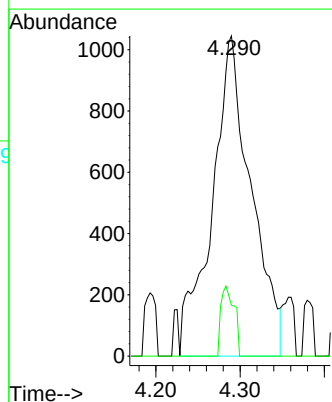
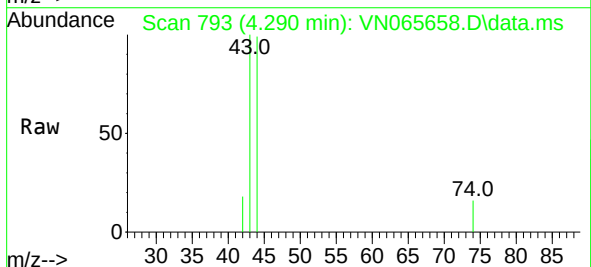


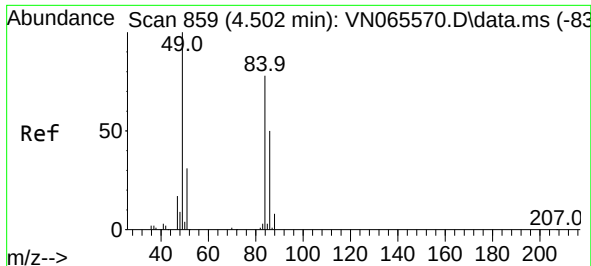
Tgt Ion: 43 Resp: 20626
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.6



#18
Methyl Acetate
Concen: 1.17 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

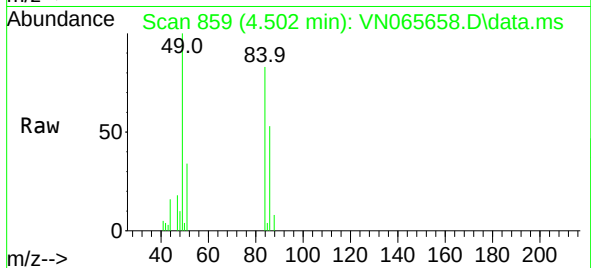
Tgt Ion: 43 Resp: 3363
Ion Ratio Lower Upper
43 100
74 7.4 19.5 29.3#



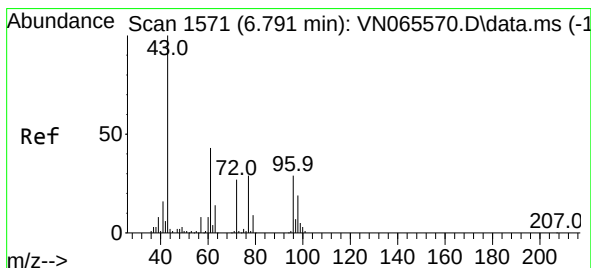
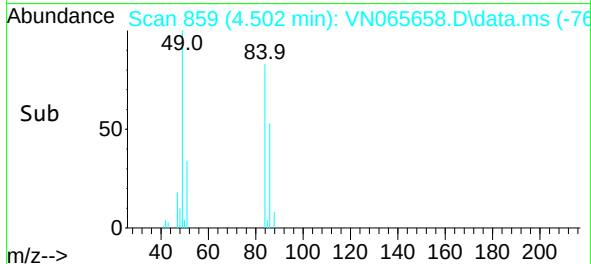
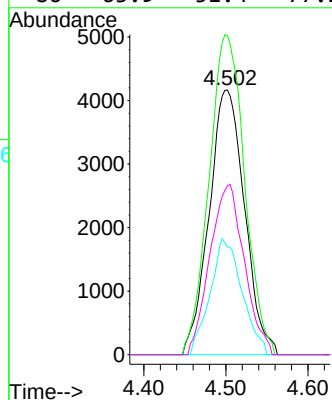


#20
Methylene Chloride
Concen: 4.40 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06

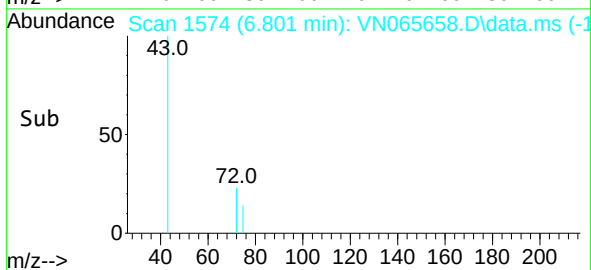
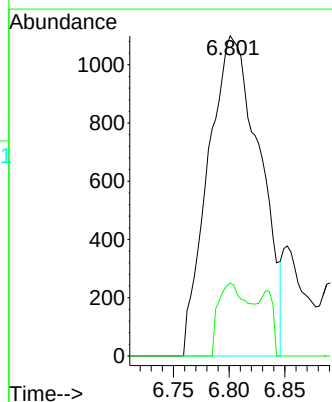
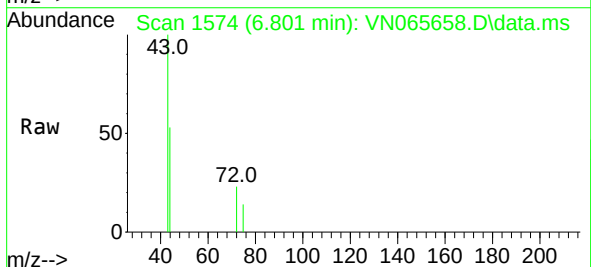


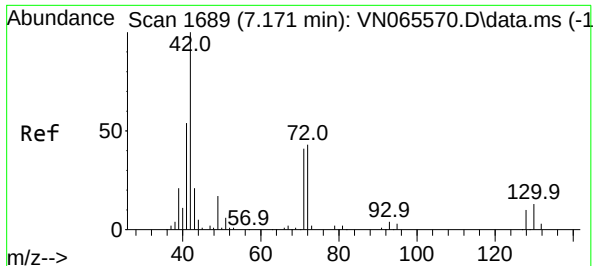
Tgt Ion:	84	Resp:	12500
Ion	Ratio	Lower	Upper
84	100		
49	120.6	94.6	141.8
51	40.7	29.9	44.9
86	63.9	51.4	77.2



#25
2-Butanone
Concen: 2.21 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.010 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Tgt Ion:	43	Resp:	3549
Ion	Ratio	Lower	Upper
43	100		
72	22.7	23.1	34.7#





#29

Tetrahydrofuran

Concen: 0.28 ug/l

RT: 7.183 min Scan# 1693

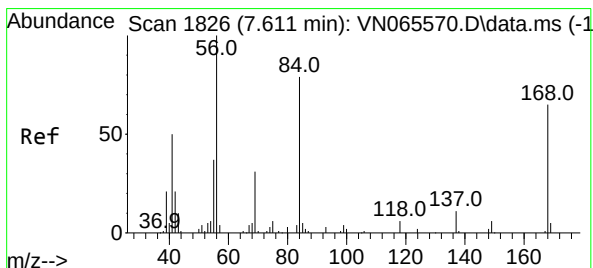
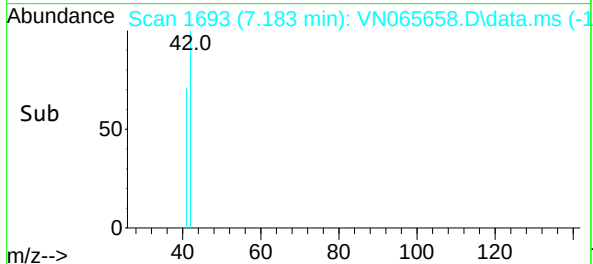
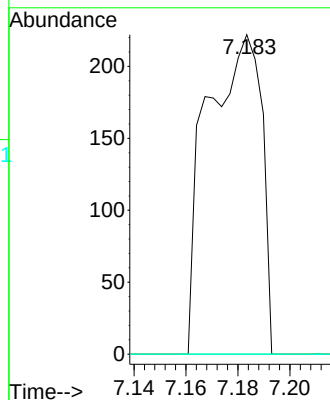
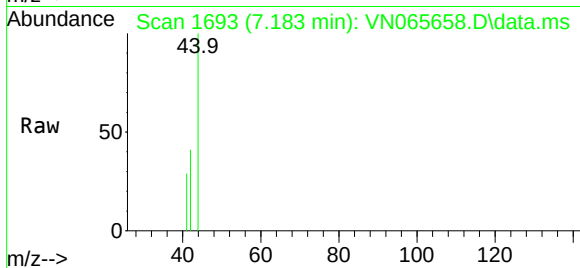
Delta R.T. 0.012 min

Lab File: VN065658.D

Acq: 28 Jan 2021 18:43

Tgt Ion:	42	Resp:	322
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06



#31

Cyclohexane

Concen: 0.84 ug/l

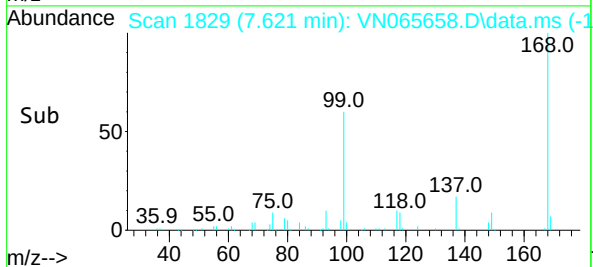
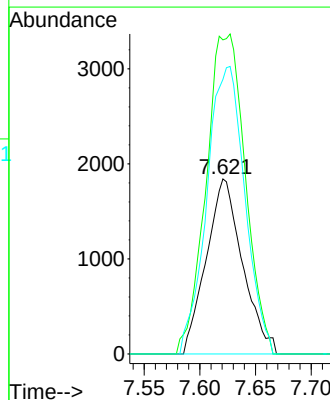
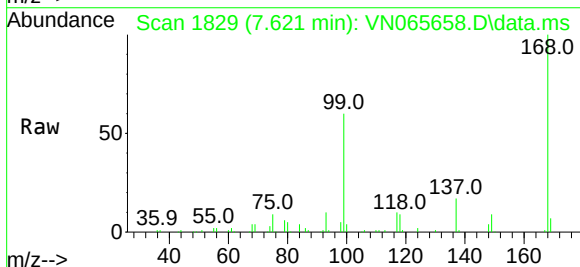
RT: 7.621 min Scan# 1829

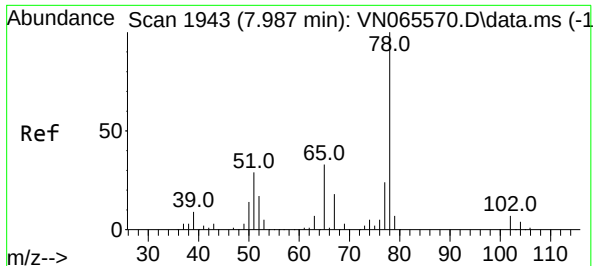
Delta R.T. 0.010 min

Lab File: VN065658.D

Acq: 28 Jan 2021 18:43

Tgt Ion:	56	Resp:	4172
Ion	Ratio	Lower	Upper
56	100		
69	179.4	26.6	39.8#
84	156.8	70.4	105.6#

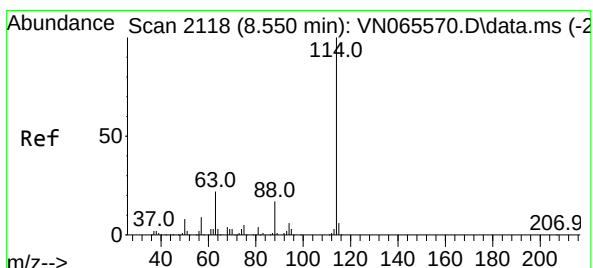
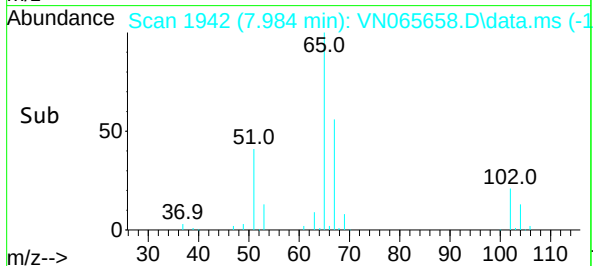
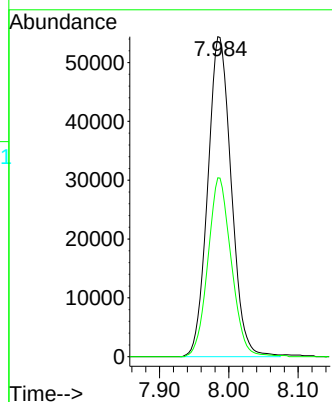
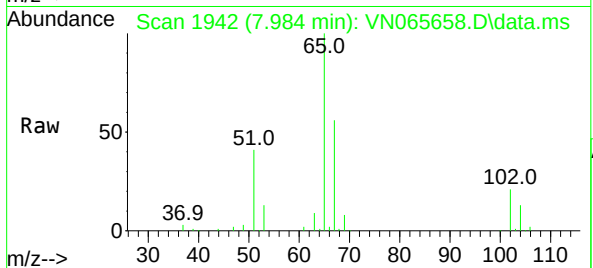




#33
1,2-Dichloroethane-d4
Concen: 48.68 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

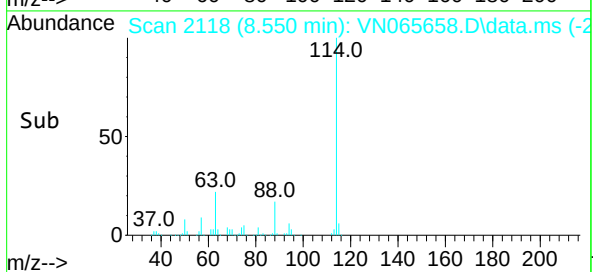
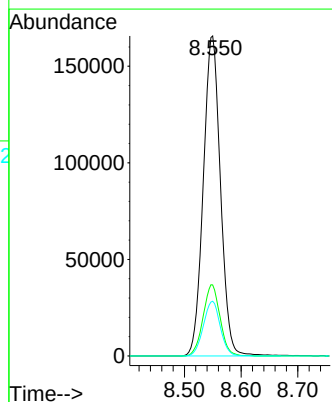
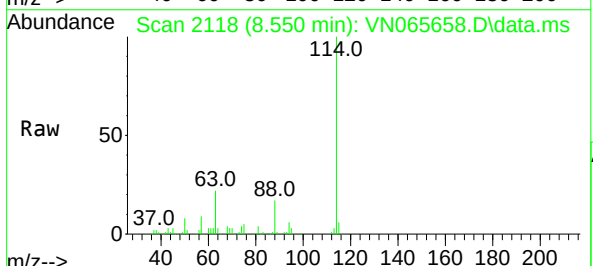
Instrument :
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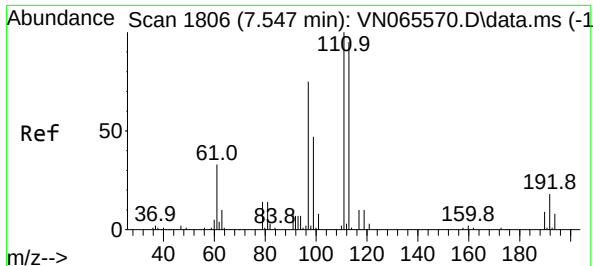
Tgt Ion: 65 Resp: 128187
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Tgt Ion: 114 Resp: 348733
Ion Ratio Lower Upper
114 100
63 22.2 0.0 38.6
88 17.1 0.0 30.6

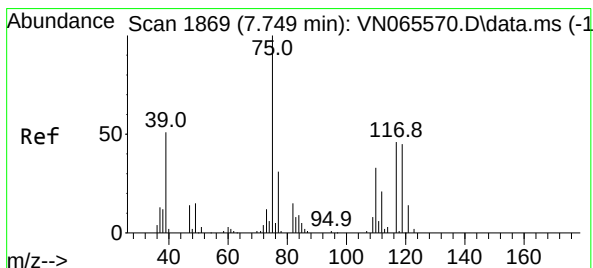
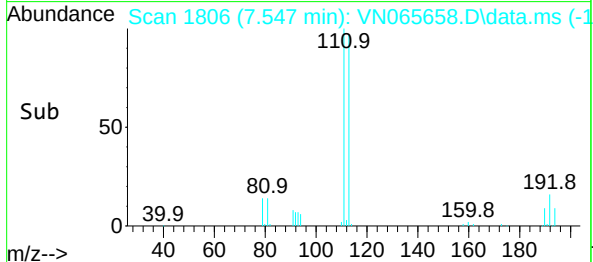
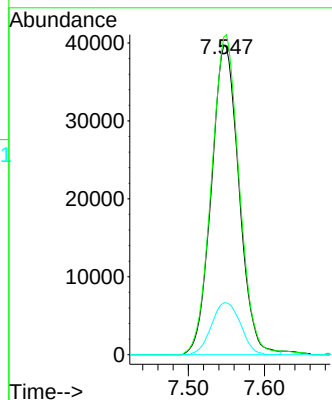
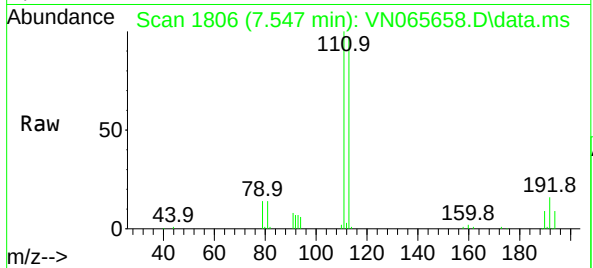




#35
Dibromofluoromethane
Concen: 48.45 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

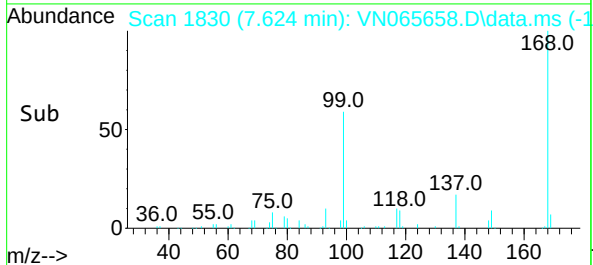
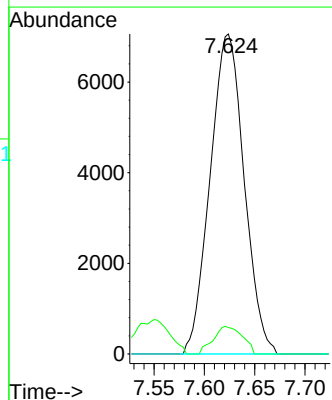
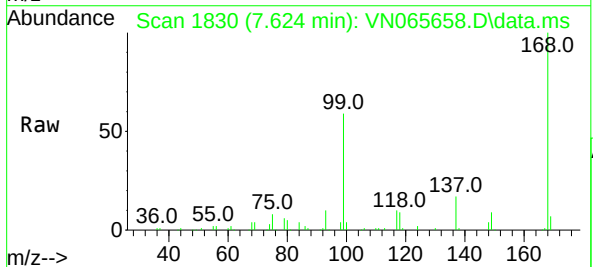
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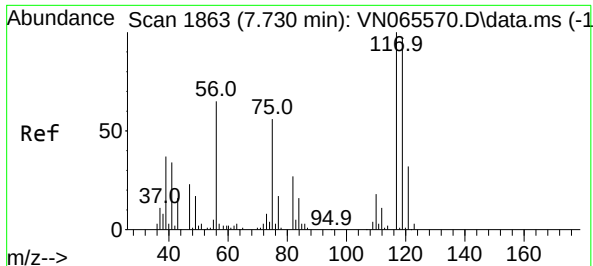
Tgt Ion:113 Resp: 100120
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 17.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

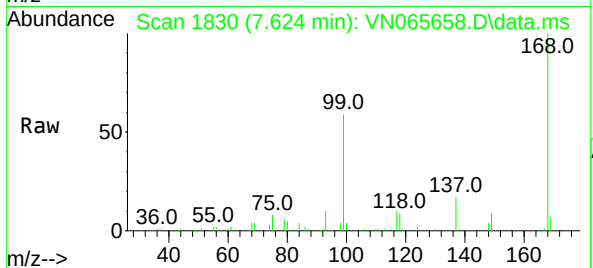
Tgt Ion: 75 Resp: 16605
Ion Ratio Lower Upper
75 100
110 7.3 18.2 54.6#
77 0.0 24.9 37.3#



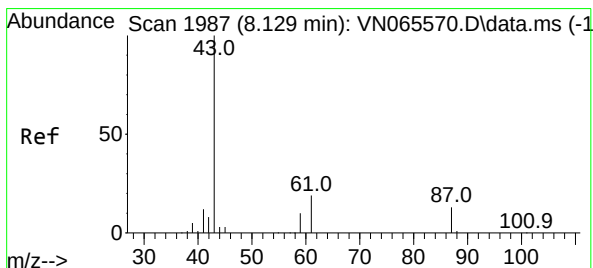
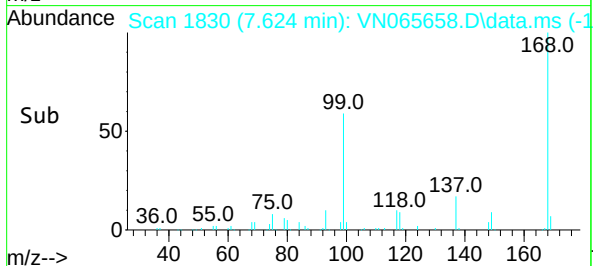
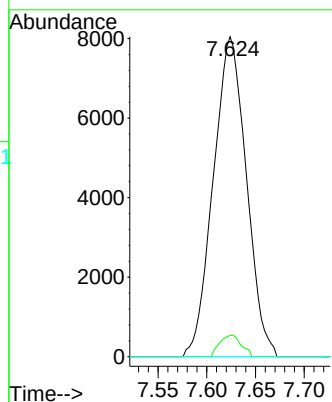


#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06

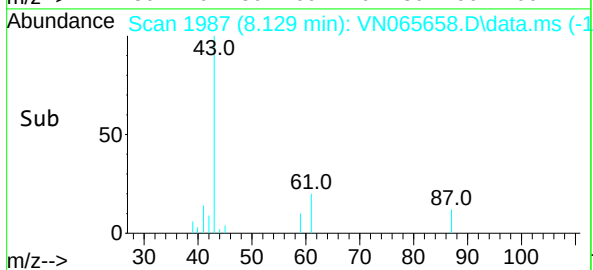
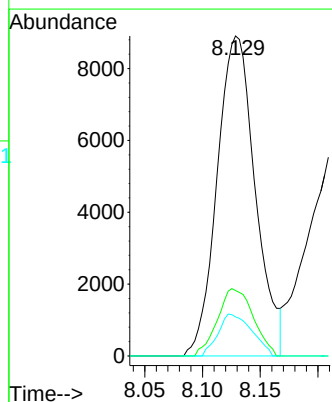
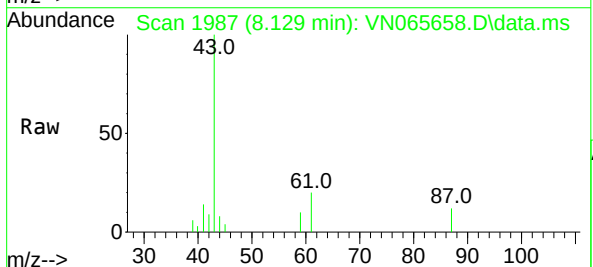


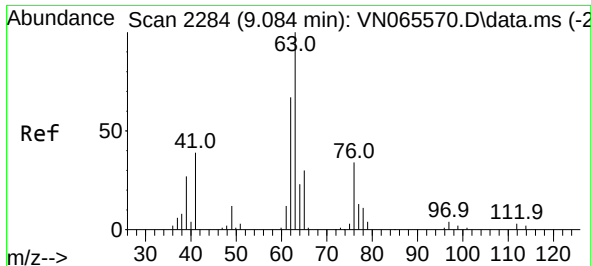
Tgt Ion:117 Resp: 18989
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 3.43 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Tgt Ion: 43 Resp: 20472
Ion Ratio Lower Upper
43 100
61 19.8 22.5 33.7#
87 11.6 11.1 16.7





#45

1,2-Dichloropropane

Concen: 0.42 ug/l

RT: 9.235 min Scan# 2331

Delta R.T. 0.151 min

Lab File: VN065658.D

Acq: 28 Jan 2021 18:43

Instrument :

MSVOA_N

ClientSampleId :

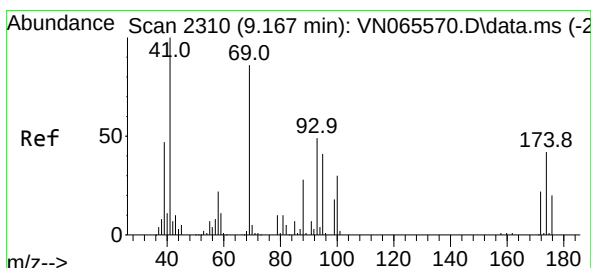
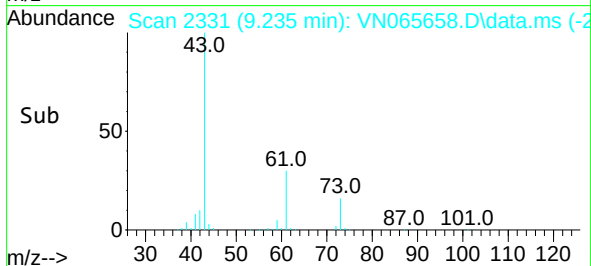
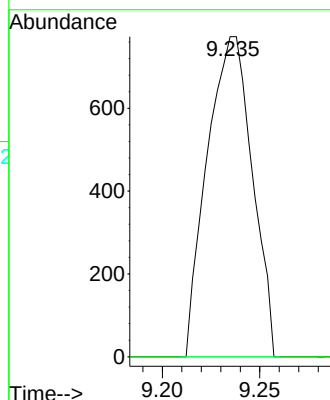
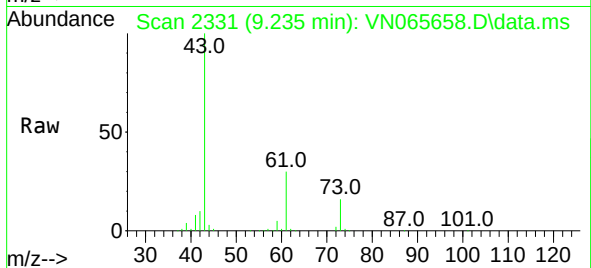
PB134372ZHE#06

Tgt Ion: 63 Resp: 1246

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 1.80 ug/l

RT: 9.145 min Scan# 2303

Delta R.T. -0.022 min

Lab File: VN065658.D

Acq: 28 Jan 2021 18:43

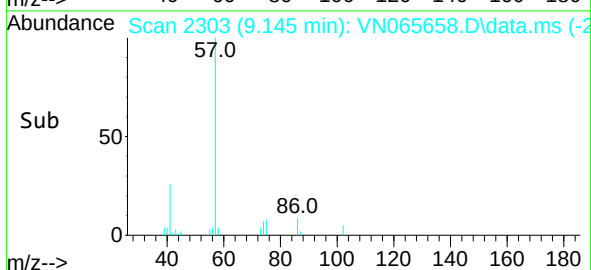
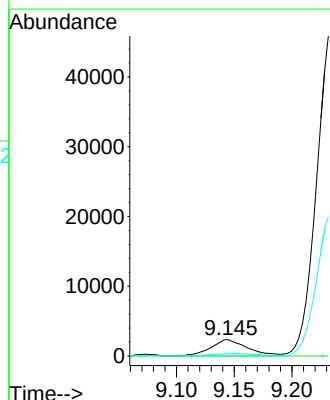
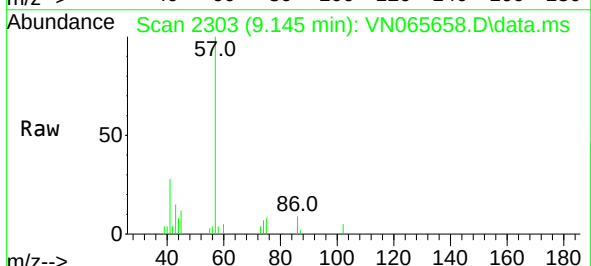
Tgt Ion: 41 Resp: 5102

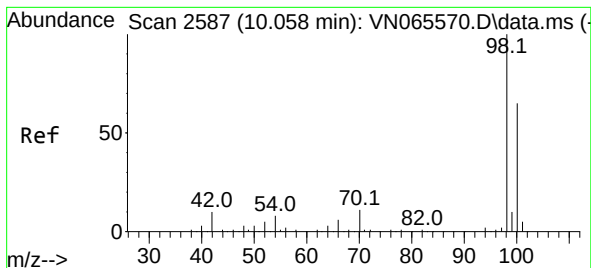
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 46.6 69.8#

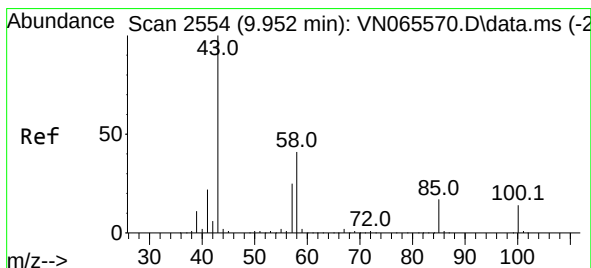
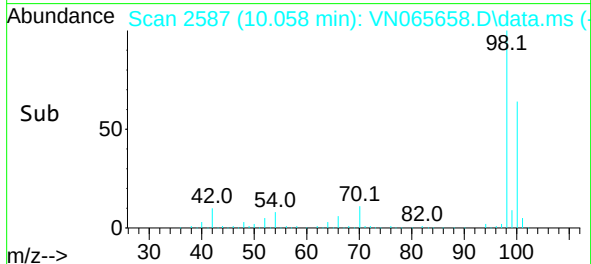
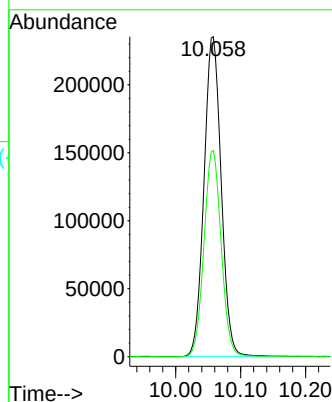
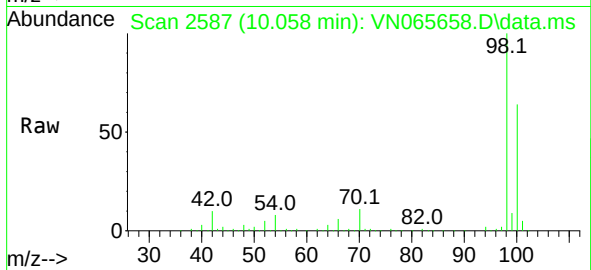




#50
Toluene-d8
Concen: 53.54 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

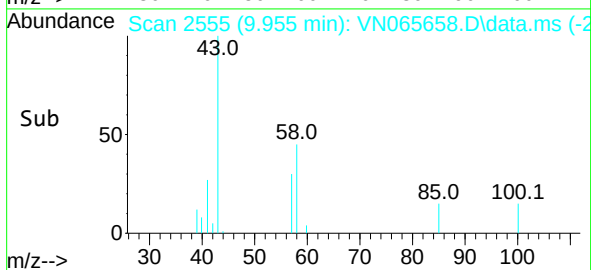
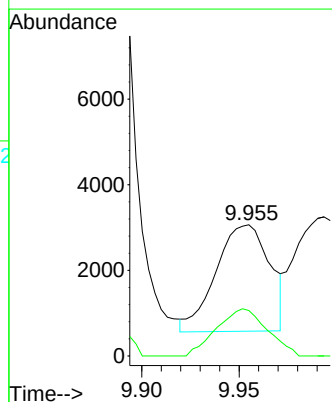
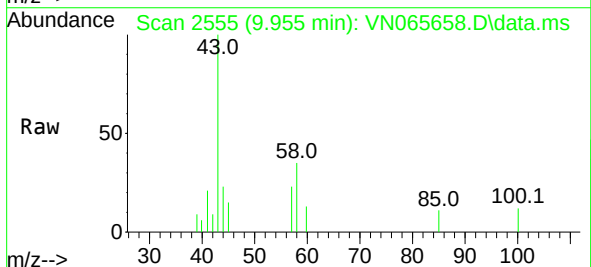
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06

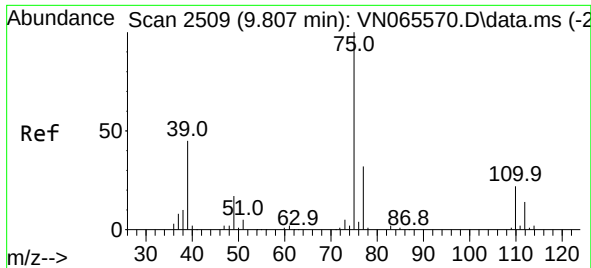
Tgt Ion: 98 Resp: 434929
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.45 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Tgt Ion: 43 Resp: 4786
Ion Ratio Lower Upper
43 100
58 41.6 32.5 48.7

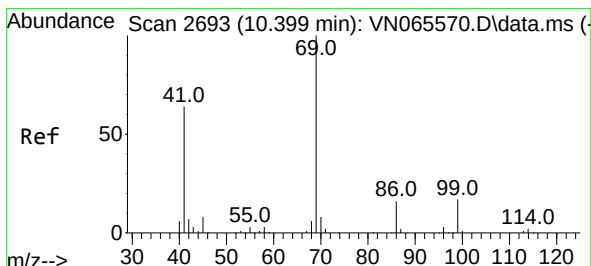
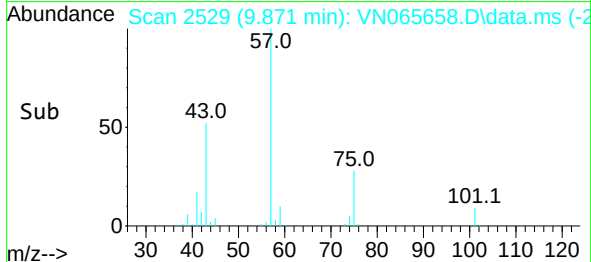
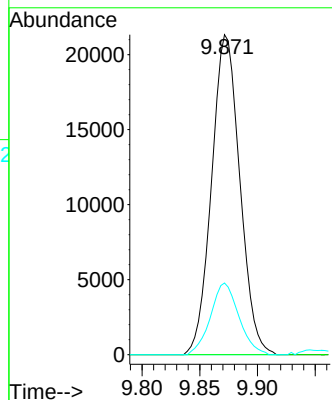
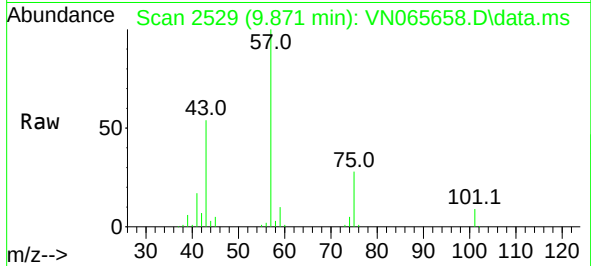




#54
 cis-1,3-Dichloropropene
 Concen: 8.00 ug/l
 RT: 9.871 min Scan# 2529
 Delta R.T. 0.064 min
 Lab File: VN065658.D
 Acq: 28 Jan 2021 18:43

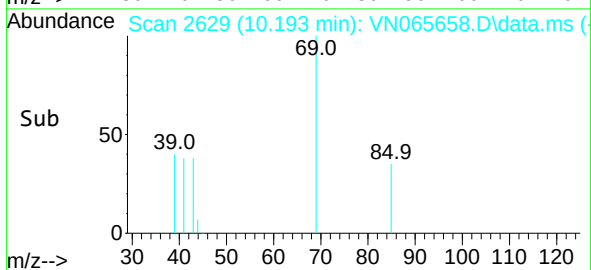
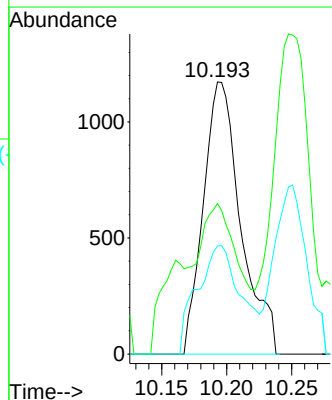
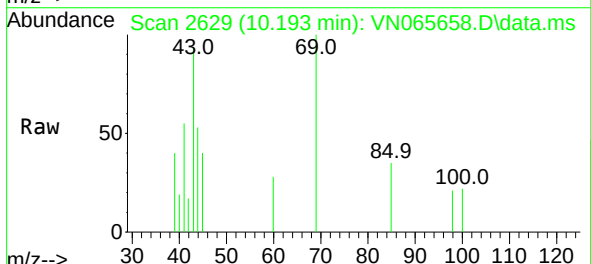
Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#06

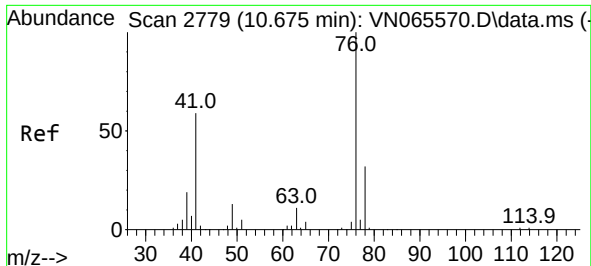
Tgt Ion: 75 Resp: 36255
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 22.4 36.2 54.4#



#56
 Ethyl methacrylate
 Concen: 0.59 ug/l
 RT: 10.193 min Scan# 2629
 Delta R.T. -0.206 min
 Lab File: VN065658.D
 Acq: 28 Jan 2021 18:43

Tgt Ion: 69 Resp: 2349
 Ion Ratio Lower Upper
 69 100
 41 49.6 49.6 74.4
 39 47.1 28.0 42.0#

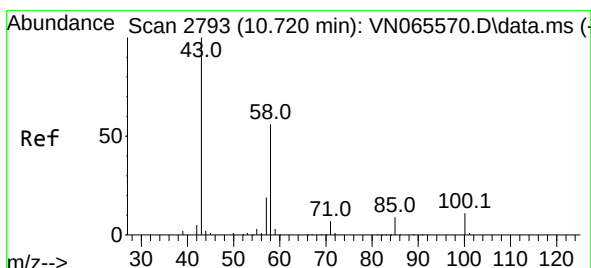
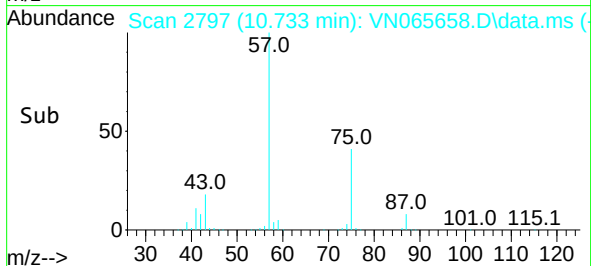
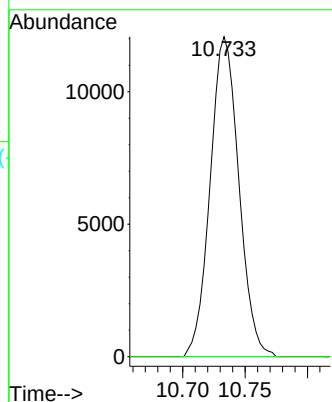
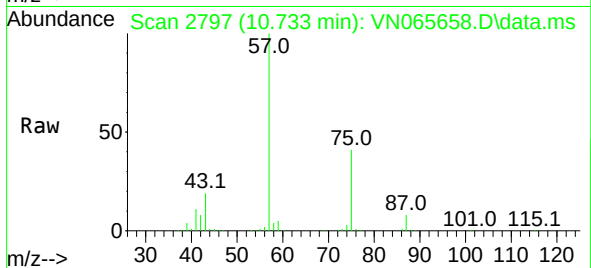




#57
1,3-Dichloropropane
Concen: 4.54 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

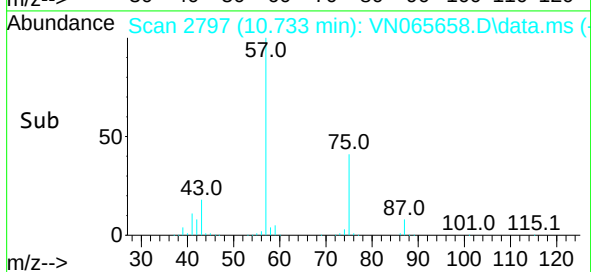
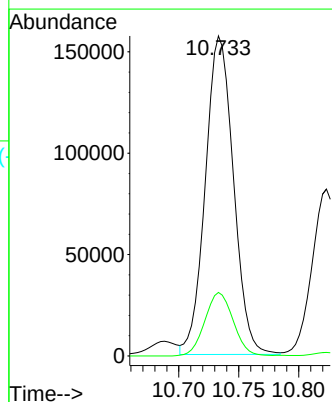
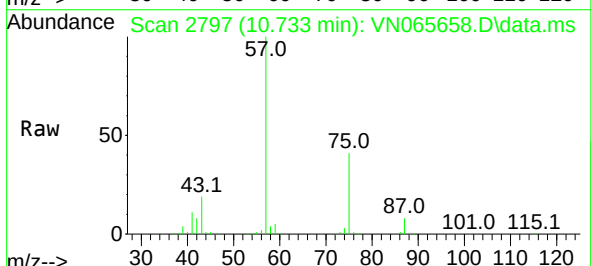
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06

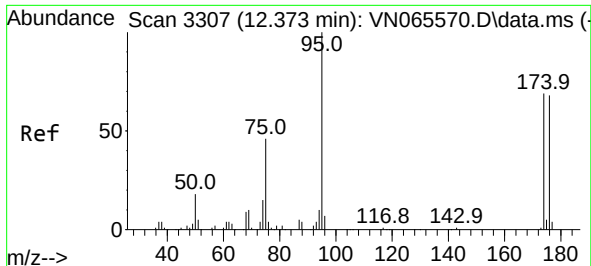
Tgt Ion: 76 Resp: 19351
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 112.14 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Tgt Ion: 43 Resp: 256225
Ion Ratio Lower Upper
43 100
58 20.1 28.1 84.3#

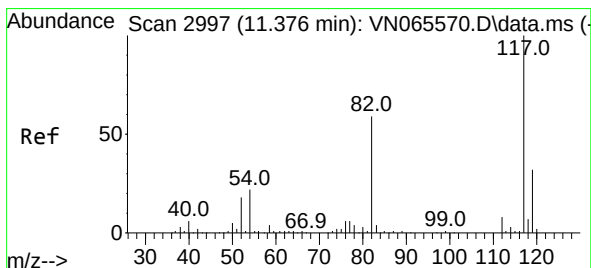
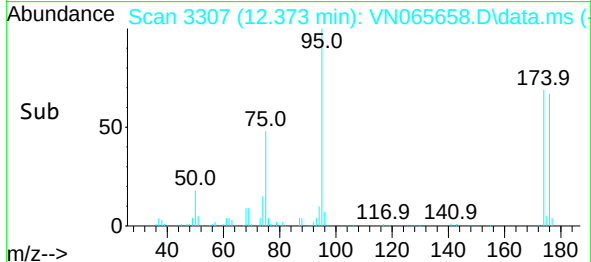
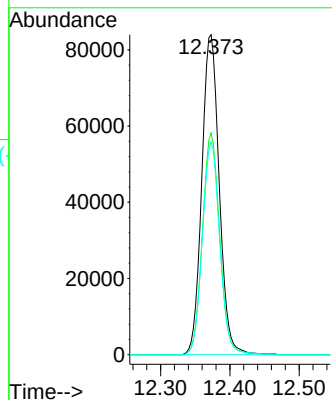
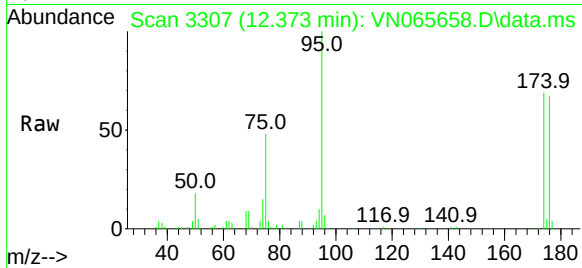




#62
4-Bromofluorobenzene
Concen: 50.25 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

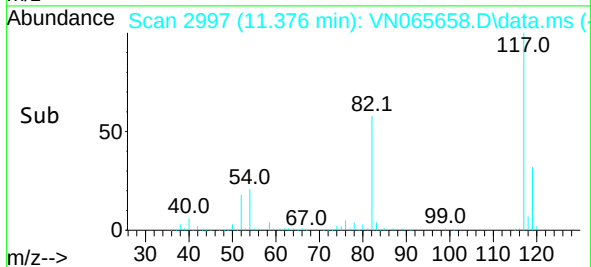
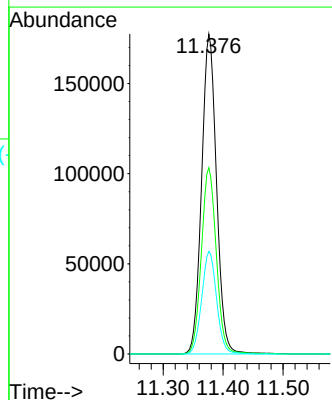
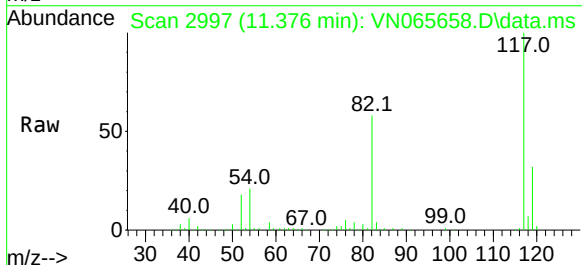
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06

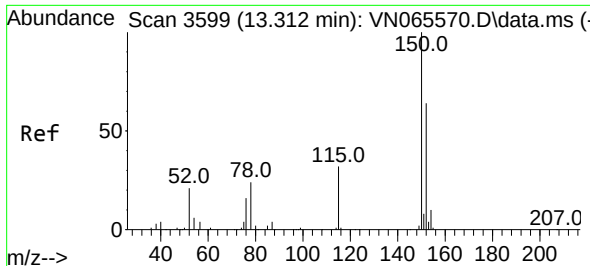
Tgt Ion: 95 Resp: 146977
Ion Ratio Lower Upper
95 100
174 68.6 0.0 169.0
176 66.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Tgt Ion: 117 Resp: 307749
Ion Ratio Lower Upper
117 100
82 58.2 43.7 65.5
119 32.1 26.1 39.1

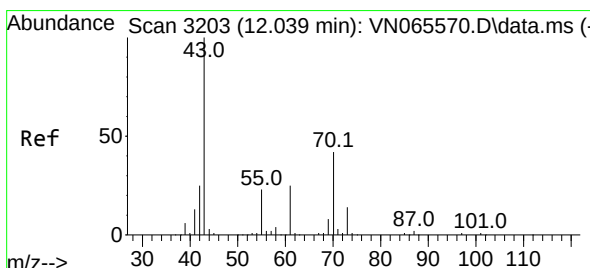
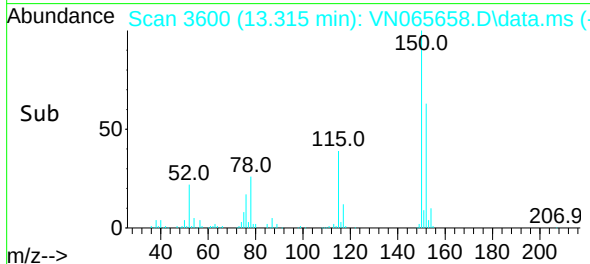
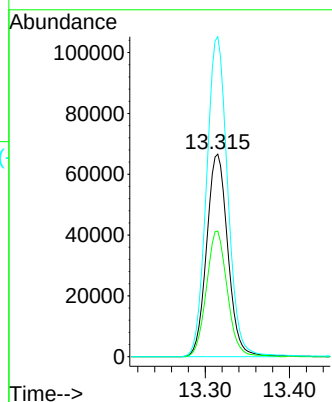
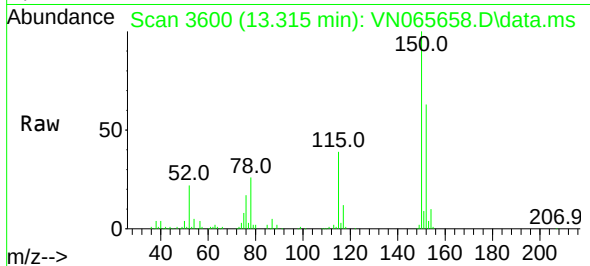




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

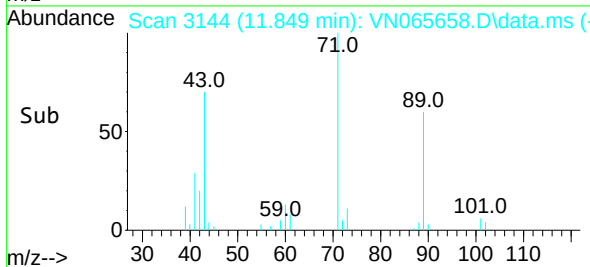
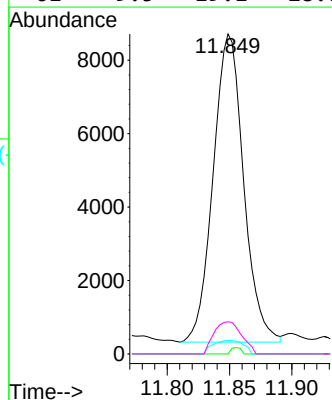
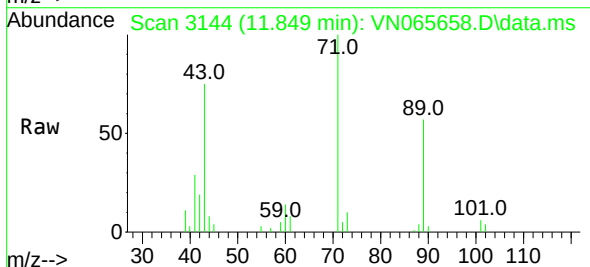
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06

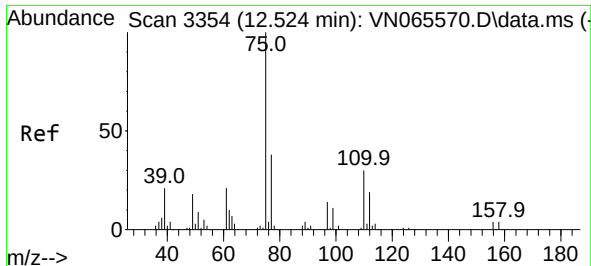
Tgt Ion:152 Resp: 116617
Ion Ratio Lower Upper
152 100
115 61.1 28.5 85.6
150 158.2 0.0 347.6



#74
N-ethyl acetate
Concen: 3.30 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.190 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Tgt Ion: 43 Resp: 14259
Ion Ratio Lower Upper
43 100
70 0.7 34.4 51.6#
55 4.4 20.7 31.1#
61 9.5 19.1 28.7#

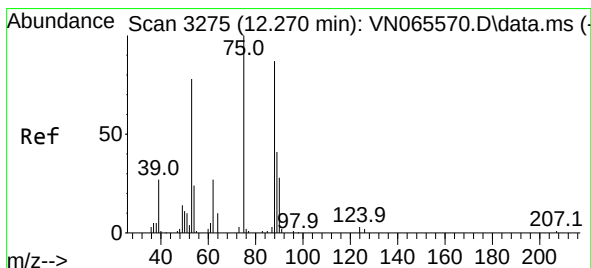
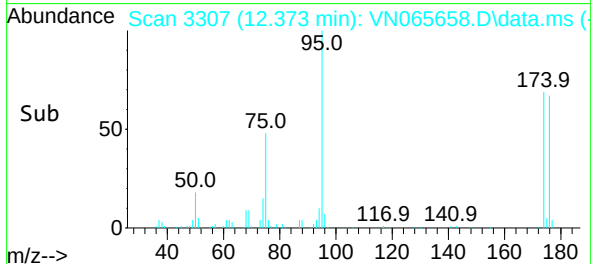
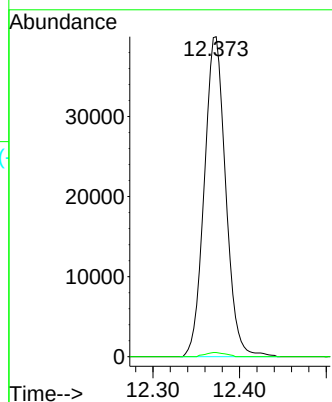
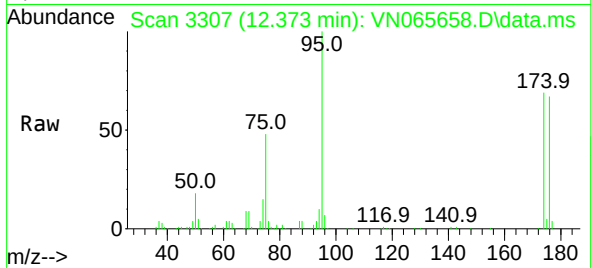




#76
1,2,3-Trichloropropane
Concen: 22.50 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#06

Tgt Ion: 75 Resp: 68626
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.64 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065658.D
Acq: 28 Jan 2021 18:43

Tgt Ion: 75 Resp: 68626
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

