

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065846.D
 Acq On : 12 Feb 2021 18:22
 Operator : JC/MD
 Sample : PB134572ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

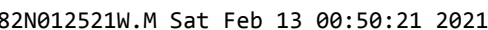
Quant Time: Feb 13 00:50:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

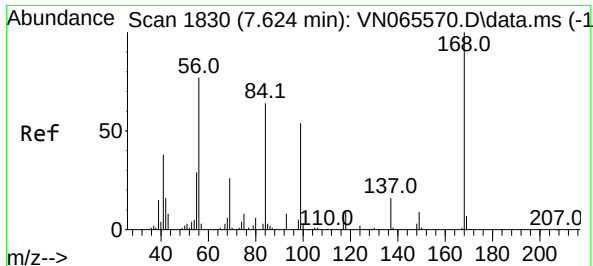
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.624	168	125696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	248679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	264826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	104569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	79480	48.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.12%		
35) Dibromofluoromethane	7.550	113	72504	49.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.40%		
50) Toluene-d8	10.058	98	331411	57.21	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	114.42%		
62) 4-Bromofluorobenzene	12.373	95	128546	61.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	123.26%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.762	59	245	0.79	ug/l #	73
16) Acetone	3.779	43	25524	39.65	ug/l	89
18) Methyl Acetate	4.287	43	524	0.29	ug/l #	51
20) Methylene Chloride	4.499	84	12491	7.01	ug/l	98
25) 2-Butanone	6.811	43	3235	3.20	ug/l #	85
29) Tetrahydrofuran	7.190	42	523	0.71	ug/l #	32
31) Cyclohexane	7.621	56	2181	0.70	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	9532	3.81	ug/l #	47
37) Ethyl Acetate	6.811	43	3235	1.35	ug/l #	68
38) Carbon Tetrachloride	7.621	117	11752	5.70	ug/l #	16
43) Isopropyl Acetate	8.132	43	13371	3.14	ug/l #	85
45) 1,2-Dichloropropane	9.235	63	1028	0.49	ug/l #	44
48) Methyl methacrylate	9.148	41	3510	1.74	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	4081	1.74	ug/l	96
54) cis-1,3-Dichloropropene	9.875	75	28089	8.69	ug/l #	55
56) Ethyl methacrylate	10.196	69	1852	0.65	ug/l	93
57) 1,3-Dichloropropane	10.733	76	15960	5.25	ug/l #	43
59) 2-Hexanone	10.733	43	192199	117.96	ug/l #	52
71) Bromoform	12.373	173	292	0.22	ug/l #	1
74) N-amyl acetate	12.016	43	964	0.25	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	58484	21.39	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	3006	0.39	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	58484	54.78	ug/l #	12
95) Naphthalene	15.106	128	139	3.47	ug/l #	69

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

Quant Time: Feb 13 00:50:14 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

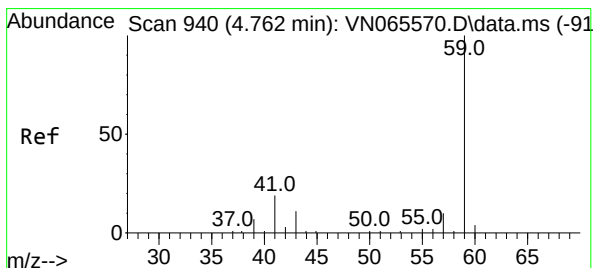
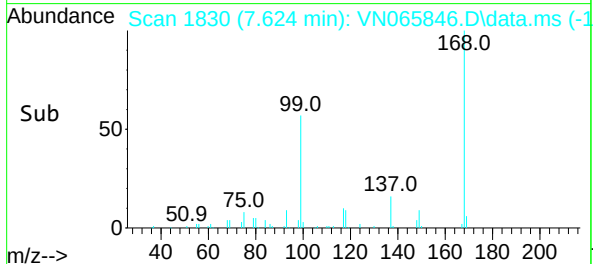
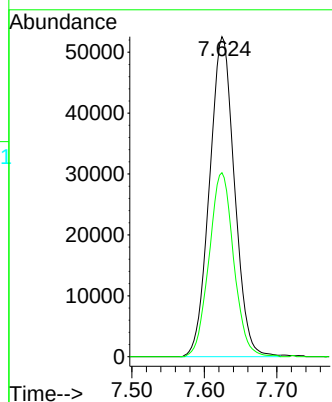
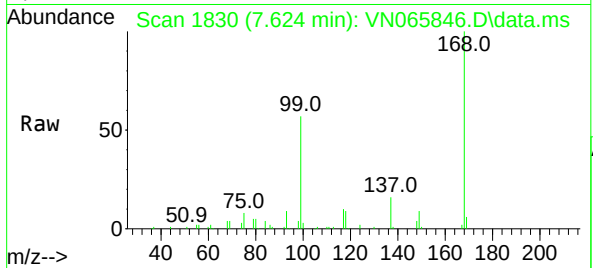




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

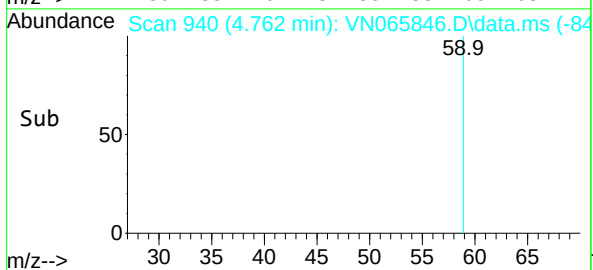
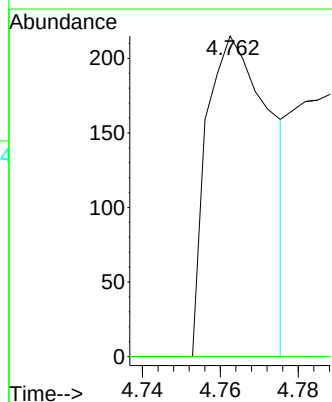
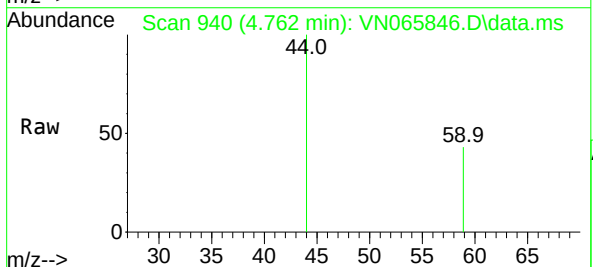
Instrument :
MSVOA_N
ClientSampled :

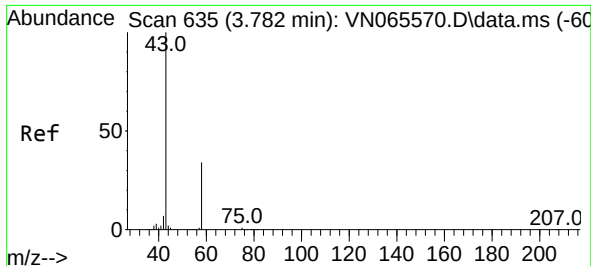
Tgt Ion:168 Resp: 125696
Ion Ratio Lower Upper
168 100
99 57.5 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.79 ug/l
RT: 4.762 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

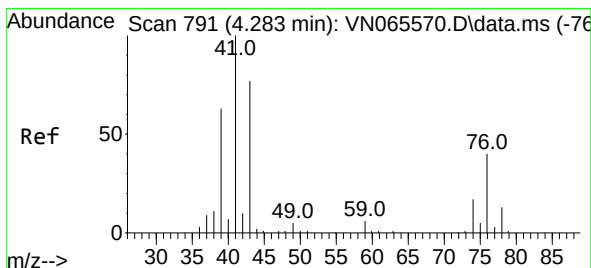
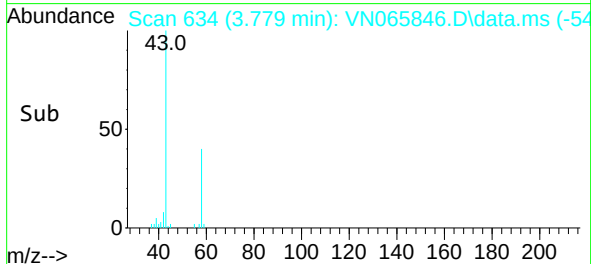
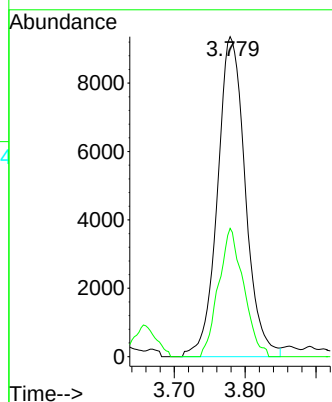
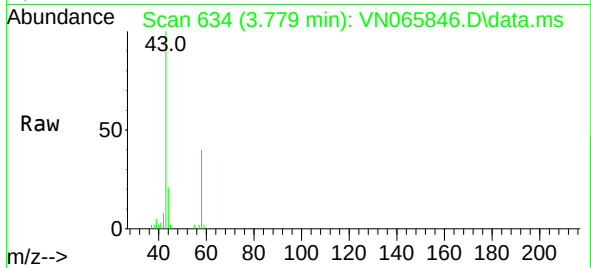




#16
Acetone
Concen: 39.65 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

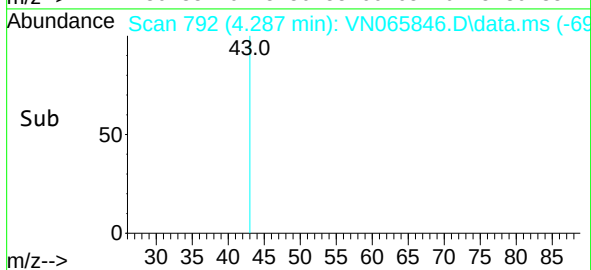
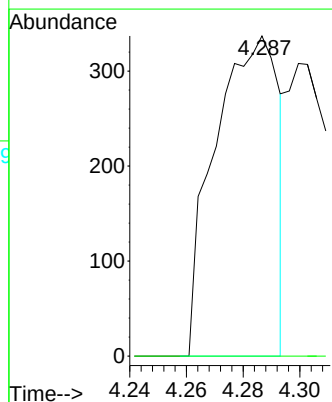
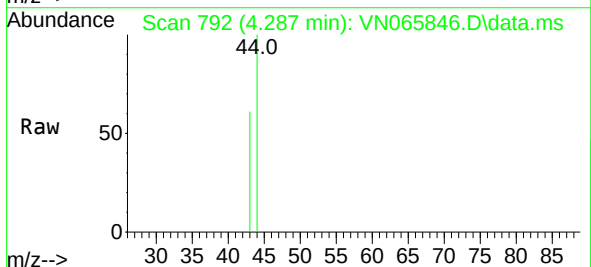
Instrument :
MSVOA_N
ClientSampled :

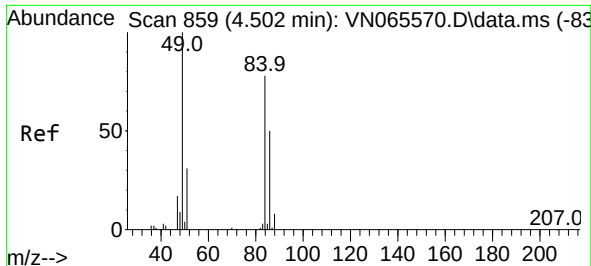
Tgt Ion: 43 Resp: 25524
Ion Ratio Lower Upper
43 100
58 40.1 27.0 40.6



#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.004 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#





#20

Methylene Chloride

Concen: 7.01 ug/l

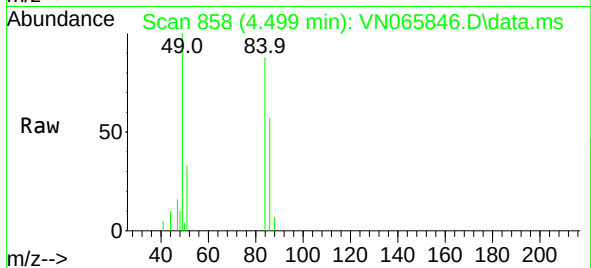
RT: 4.499 min Scan# 858

Delta R.T. -0.003 min

Lab File: VN065846.D

Acq: 12 Feb 2021 18:22

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 12491

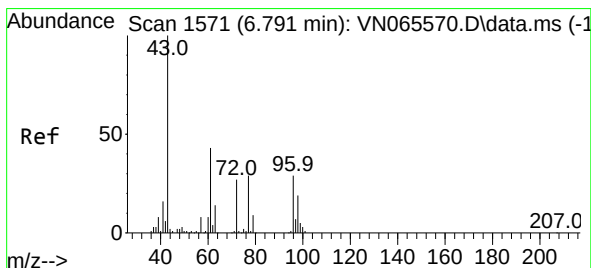
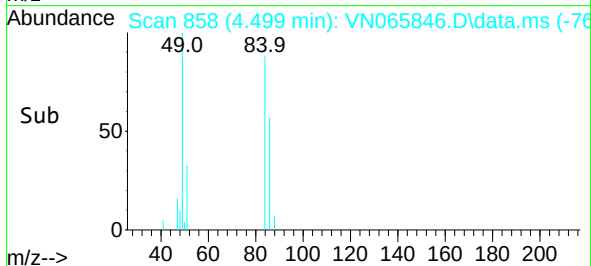
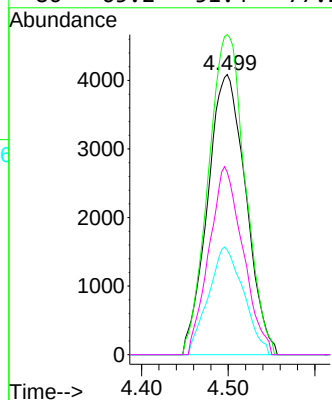
Ion Ratio Lower Upper

84 100

49 114.2 94.6 141.8

51 37.4 29.9 44.9

86 65.2 51.4 77.2



#25

2-Butanone

Concen: 3.20 ug/l

RT: 6.811 min Scan# 1577

Delta R.T. 0.020 min

Lab File: VN065846.D

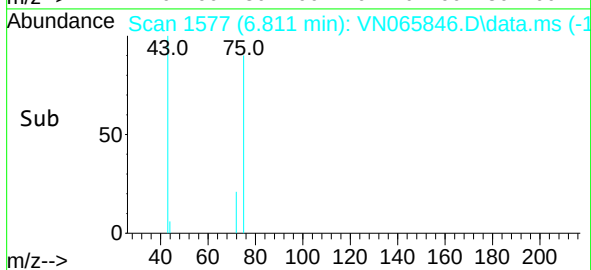
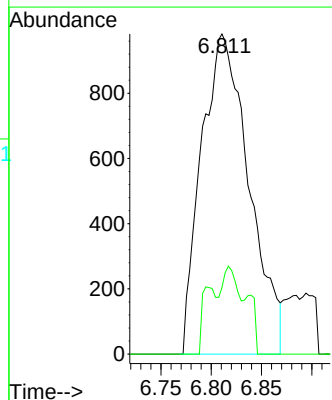
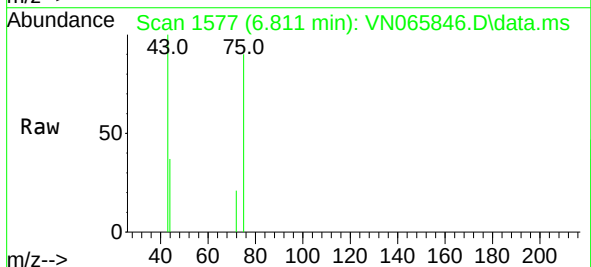
Acq: 12 Feb 2021 18:22

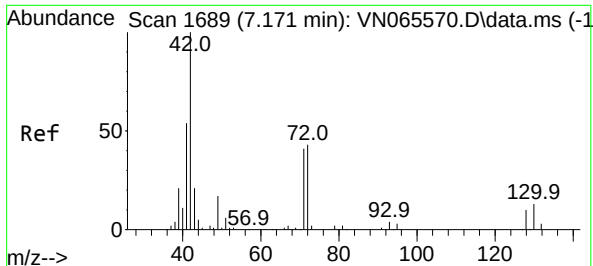
Tgt Ion: 43 Resp: 3235

Ion Ratio Lower Upper

43 100

72 20.8 23.1 34.7#





#29

Tetrahydrofuran

Concen: 0.71 ug/l

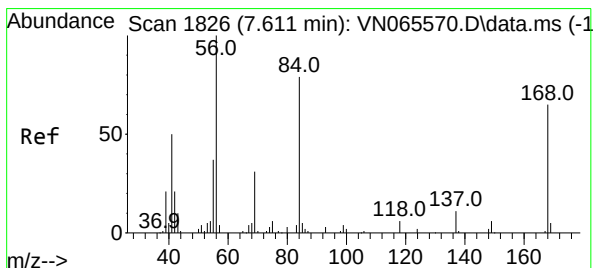
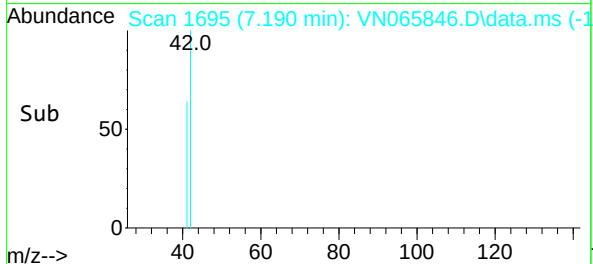
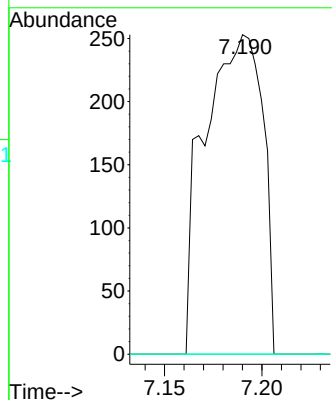
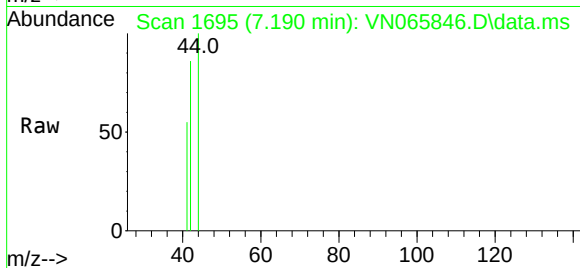
RT: 7.190 min Scan# 1695

Delta R.T. 0.019 min

Lab File: VN065846.D

Acq: 12 Feb 2021 18:22

Tgt Ion:	42	Resp:	523
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#



#31

Cyclohexane

Concen: 0.70 ug/l

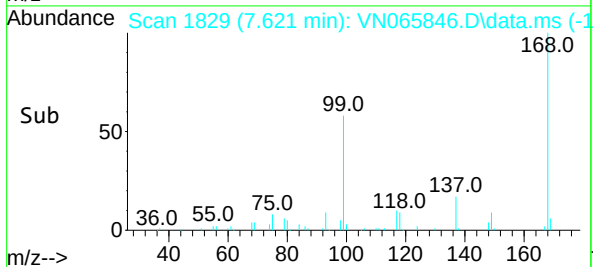
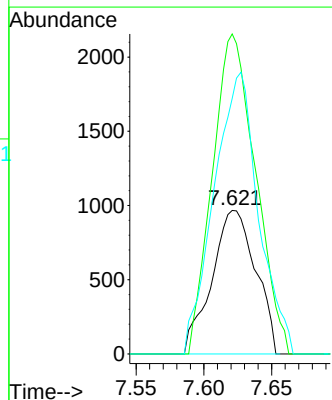
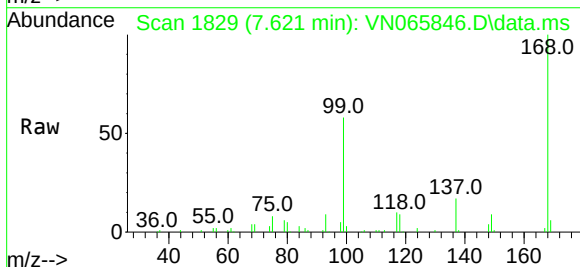
RT: 7.621 min Scan# 1829

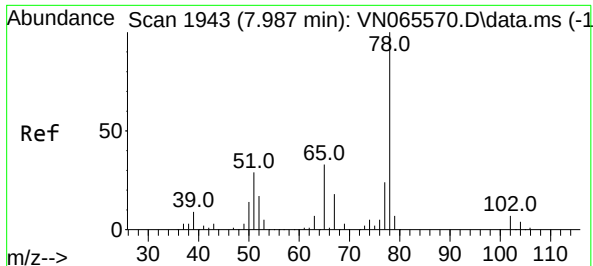
Delta R.T. 0.010 min

Lab File: VN065846.D

Acq: 12 Feb 2021 18:22

Tgt Ion:	56	Resp:	2181
Ion	Ratio	Lower	Upper
56	100		
69	223.0	26.6	39.8#
84	178.1	70.4	105.6#

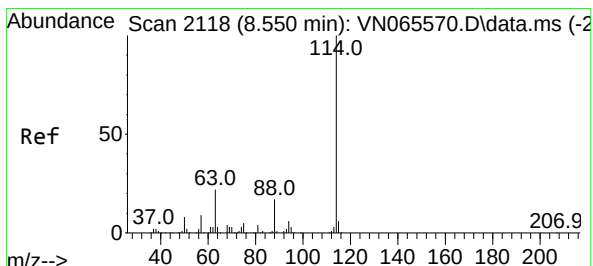
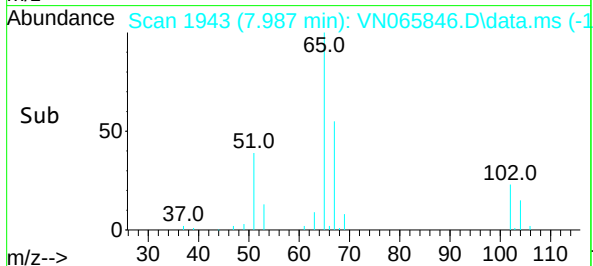
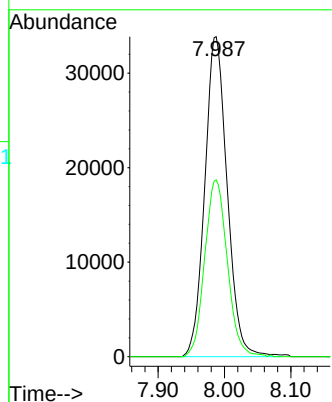
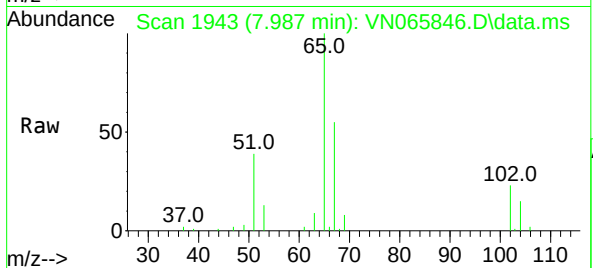




#33
1,2-Dichloroethane-d4
Concen: 48.06 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

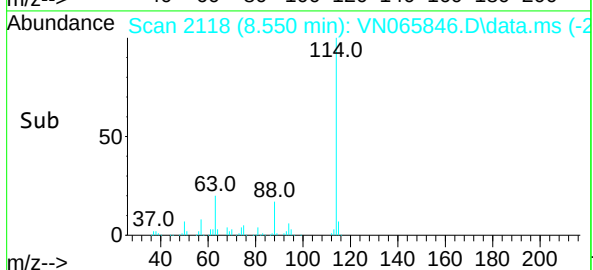
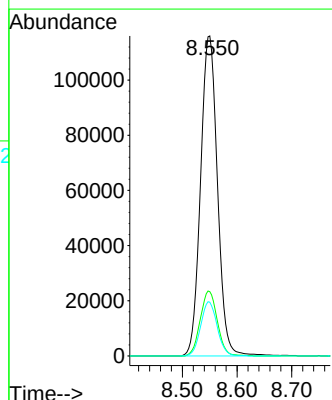
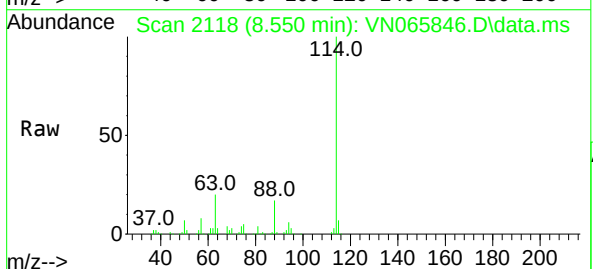
Instrument :
MSVOA_N
ClientSampled :

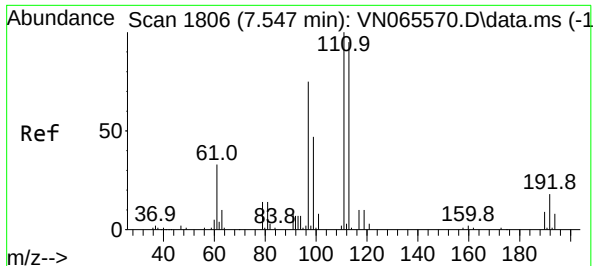
Tgt Ion: 65 Resp: 79480
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 114 Resp: 248679
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 16.8 0.0 30.6

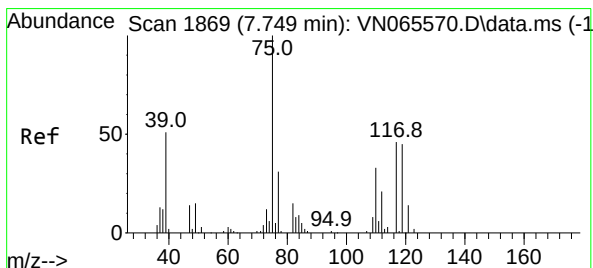
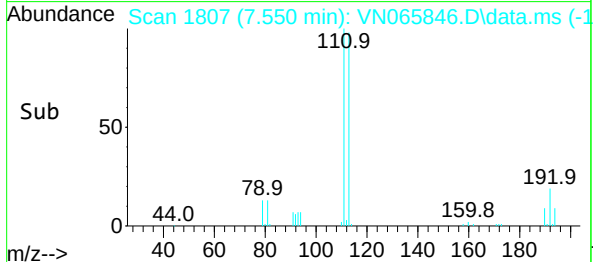
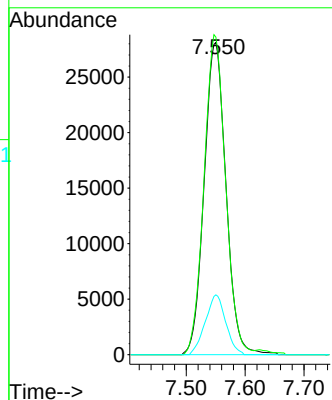
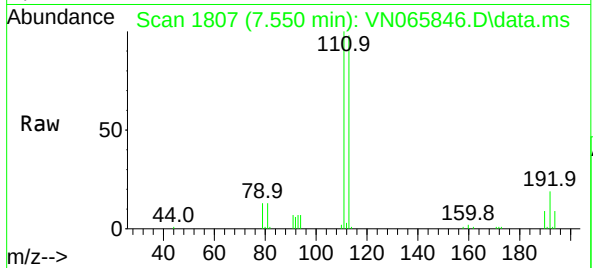




#35
Dibromofluoromethane
Concen: 49.20 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

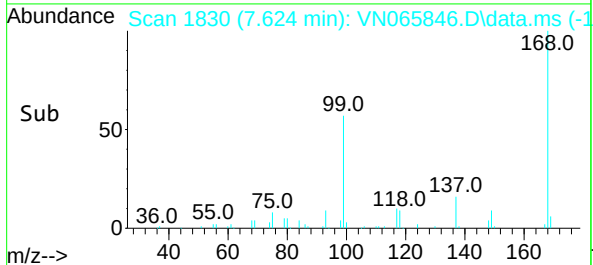
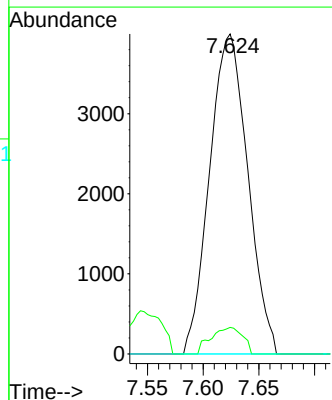
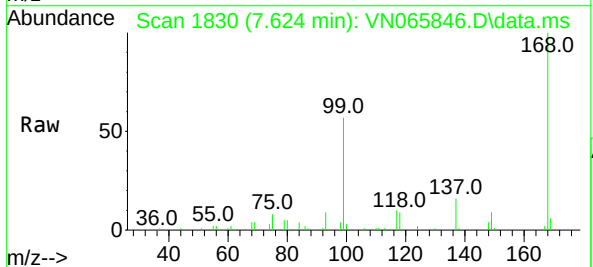
Instrument :
MSVOA_N
ClientSampled :

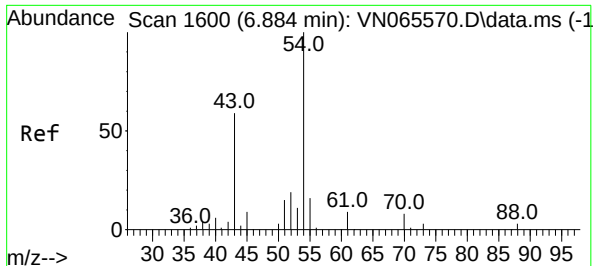
Tgt Ion:113 Resp: 72504
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 17.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.81 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 75 Resp: 9532
Ion Ratio Lower Upper
75 100
110 6.9 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.35 ug/l

RT: 6.811 min Scan# 1577

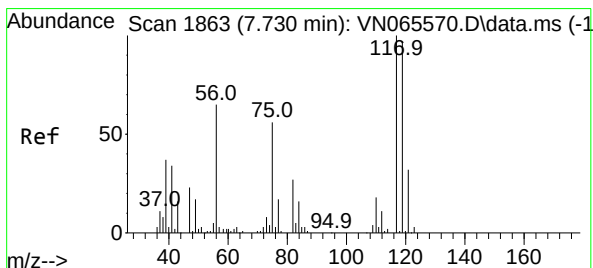
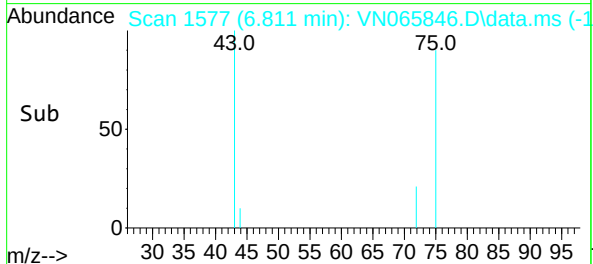
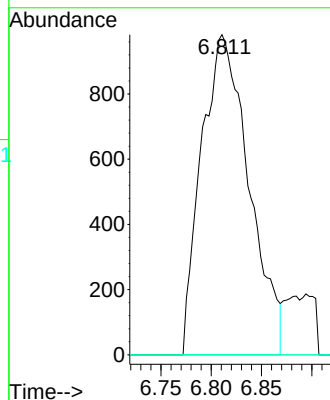
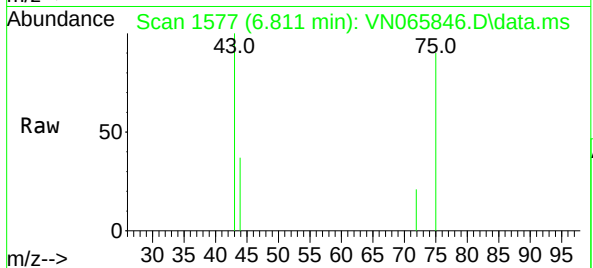
Delta R.T. -0.073 min

Lab File: VN065846.D

Acq: 12 Feb 2021 18:22

Tgt Ion: 43	Resp: 3235
Ion Ratio	Lower Upper
43 100	
61 0.0	11.6 17.4#
70 0.0	8.6 13.0#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.70 ug/l

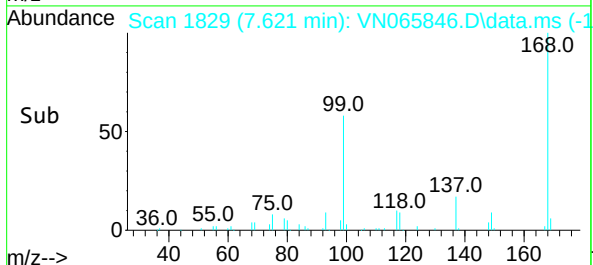
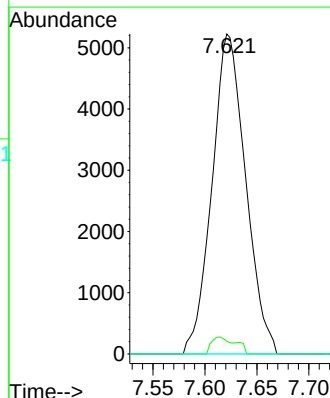
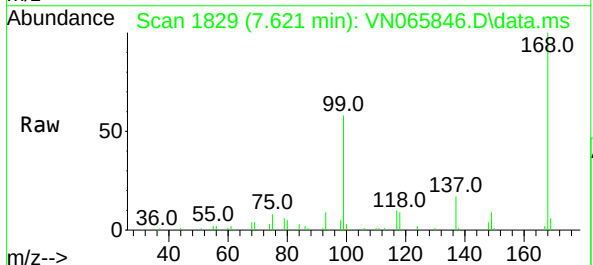
RT: 7.621 min Scan# 1829

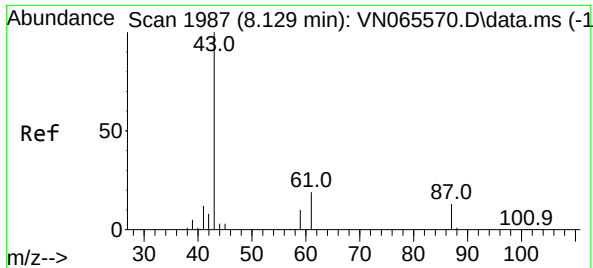
Delta R.T. -0.109 min

Lab File: VN065846.D

Acq: 12 Feb 2021 18:22

Tgt Ion:117	Resp:	11752	
Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.0	114.0#
121	0.0	24.5	36.7#

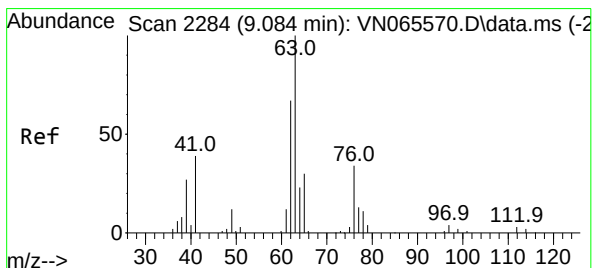
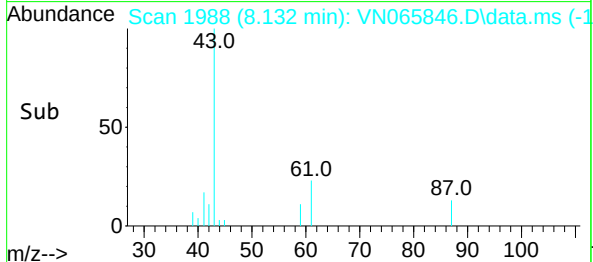
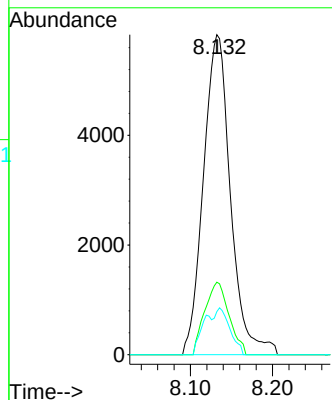
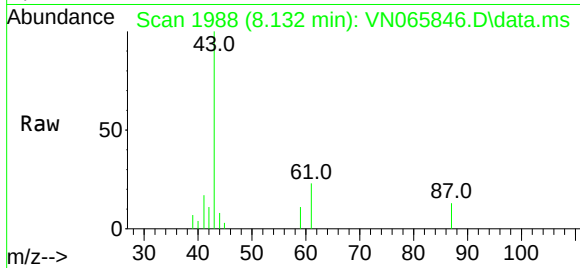




#43
Isopropyl Acetate
Concen: 3.14 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.003 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

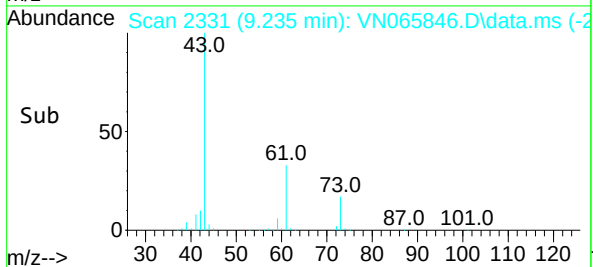
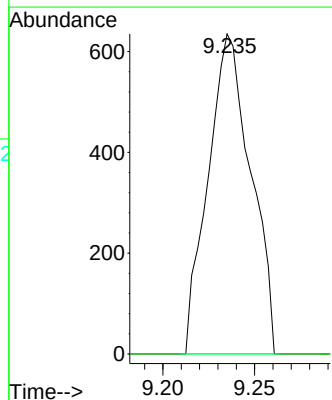
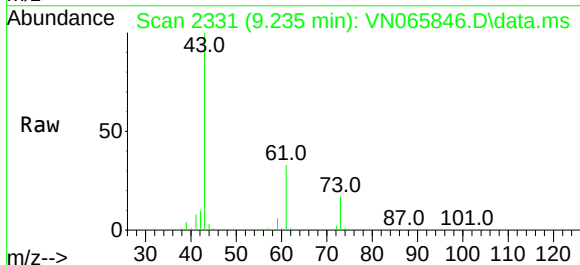
Instrument :
MSVOA_N
ClientSampled :

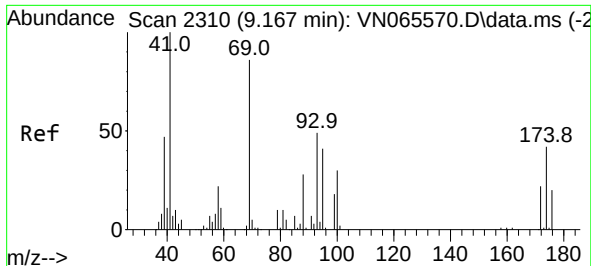
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	22.5	33.7#
87	7.4	11.1	16.7#



#45
1,2-Dichloropropane
Concen: 0.49 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#

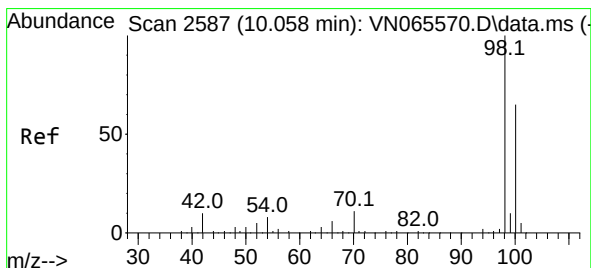
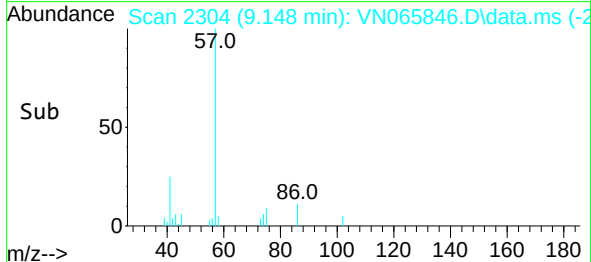
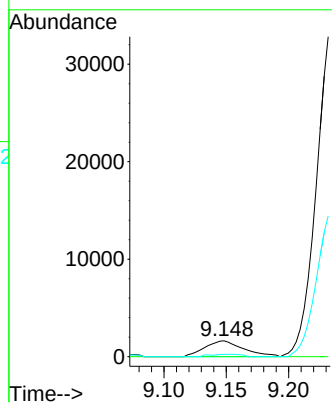
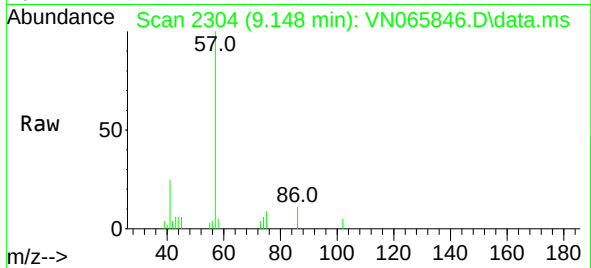




#48
Methyl methacrylate
Concen: 1.74 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

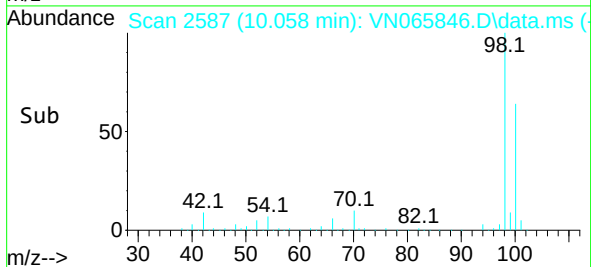
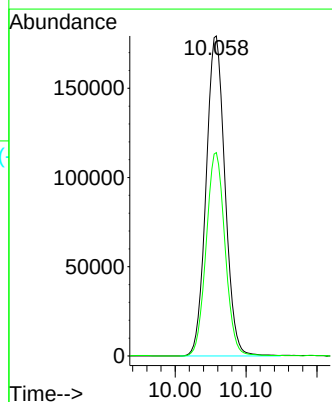
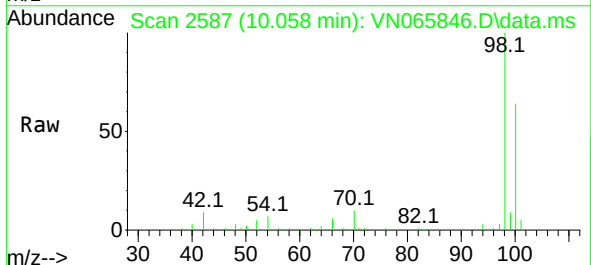
Instrument :
MSVOA_N
ClientSampled :

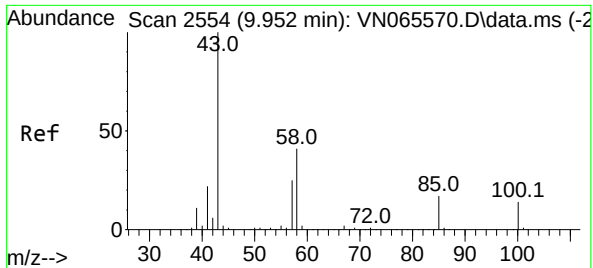
Tgt Ion: 41 Resp: 3510
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 57.21 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 98 Resp: 331411
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7

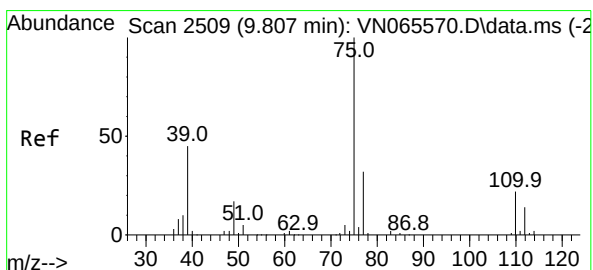
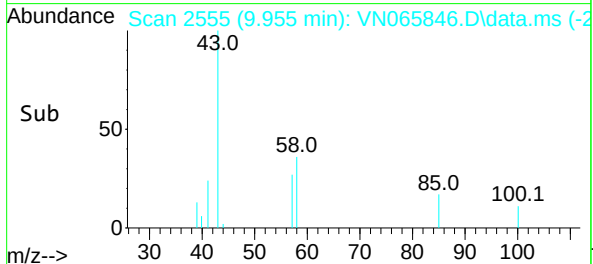
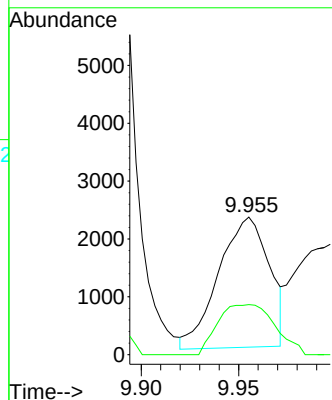
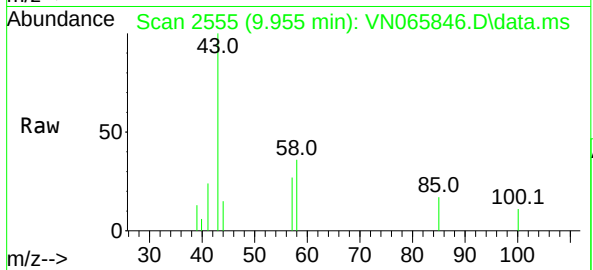




#51
4-Methyl-2-Pentanone
Concen: 1.74 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

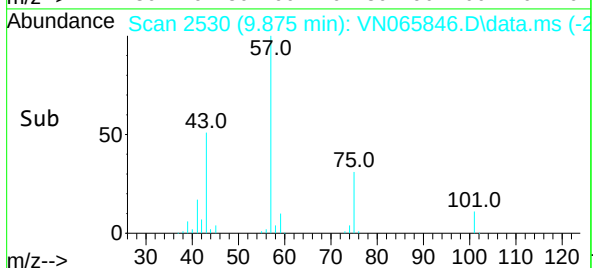
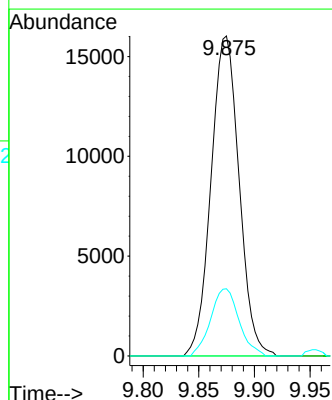
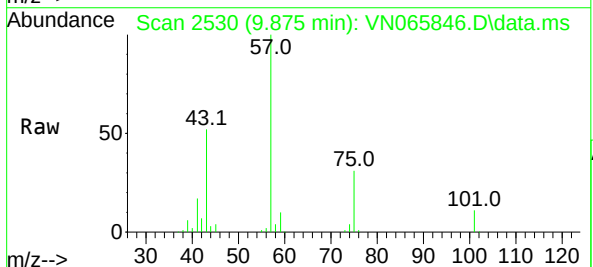
Instrument :
MSVOA_N
ClientSampled :

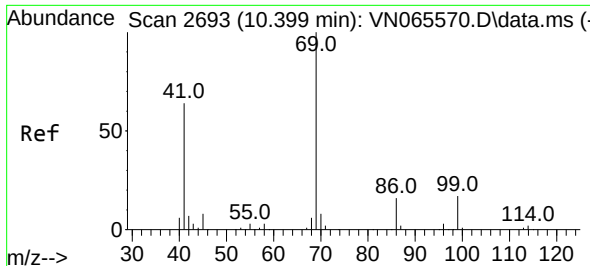
Tgt Ion: 43 Resp: 4081
Ion Ratio Lower Upper
43 100
58 43.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 8.69 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 75 Resp: 28089
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 21.0 36.2 54.4#

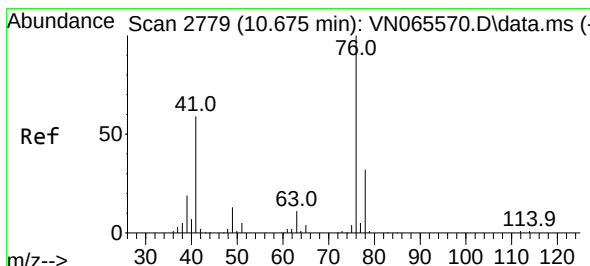
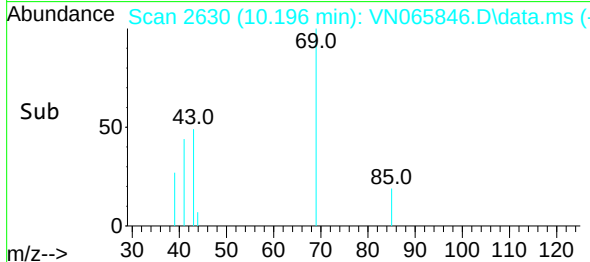
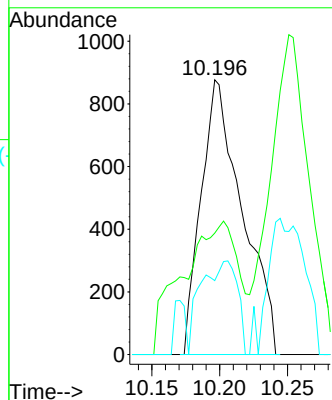
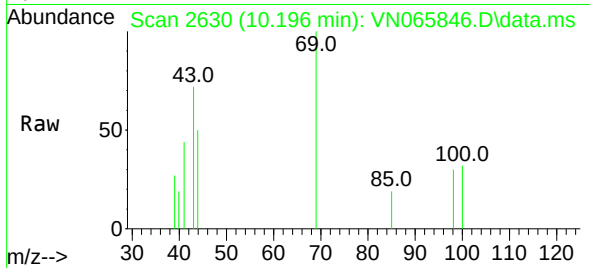




#56
Ethyl methacrylate
Concen: 0.65 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

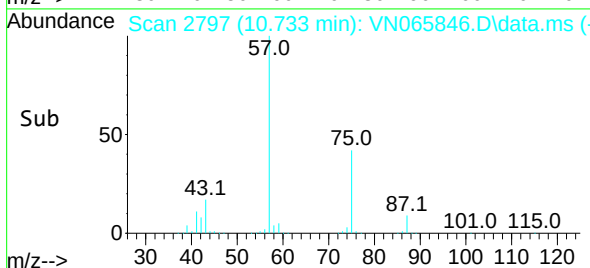
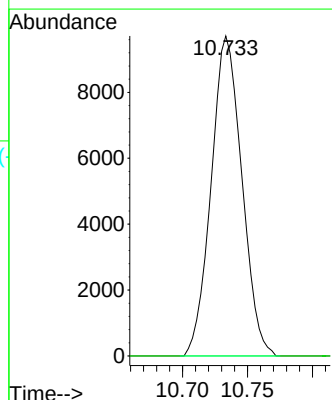
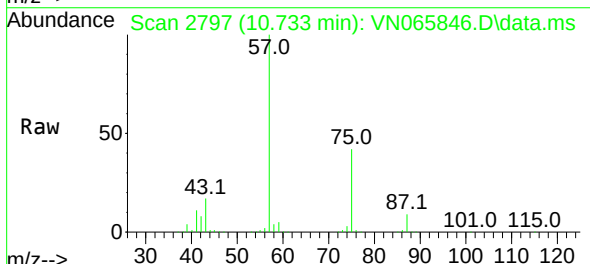
Instrument :
MSVOA_N
ClientSampled :

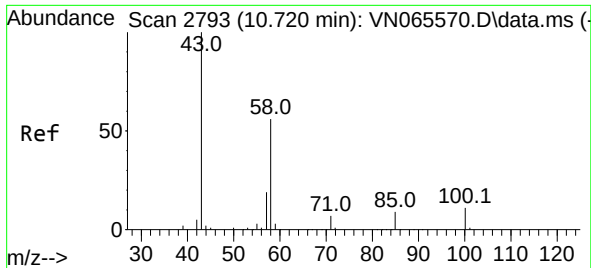
Tgt Ion: 69 Resp: 1852
Ion Ratio Lower Upper
69 100
41 67.3 49.6 74.4
39 30.2 28.0 42.0



#57
1,3-Dichloropropane
Concen: 5.25 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 76 Resp: 15960
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

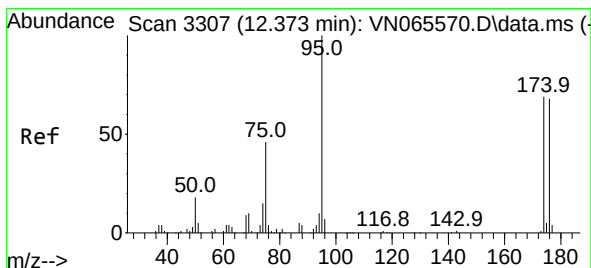
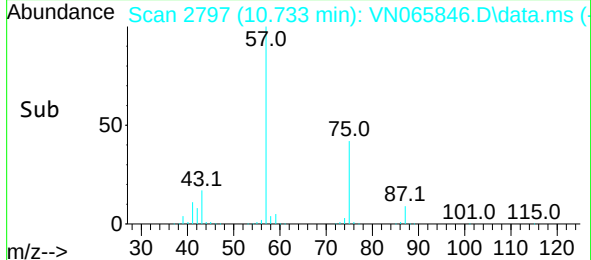
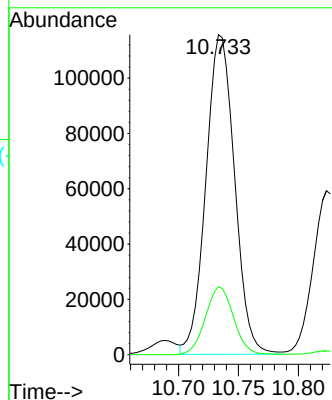
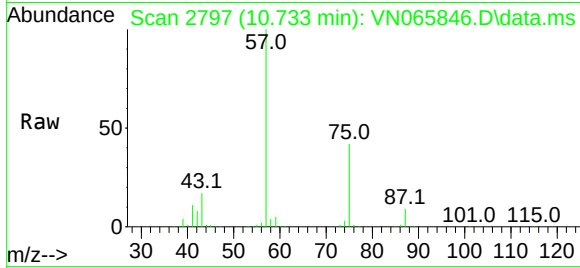




#59
2-Hexanone
Concen: 117.96 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

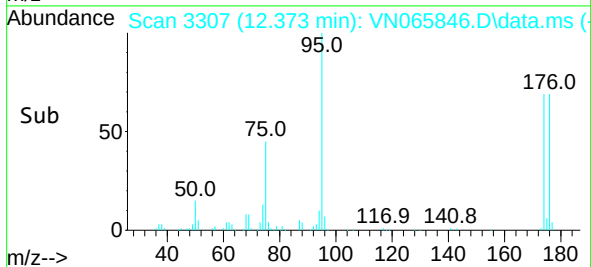
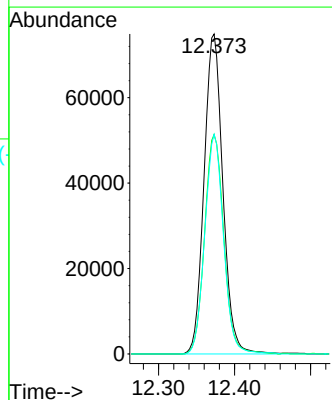
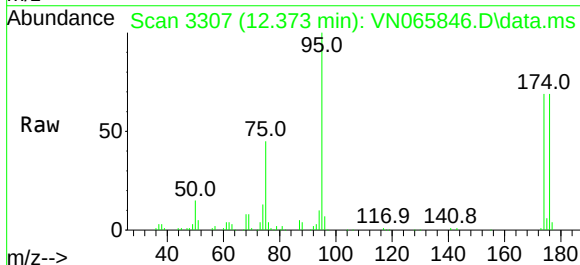
Instrument :
MSVOA_N
ClientSampled :

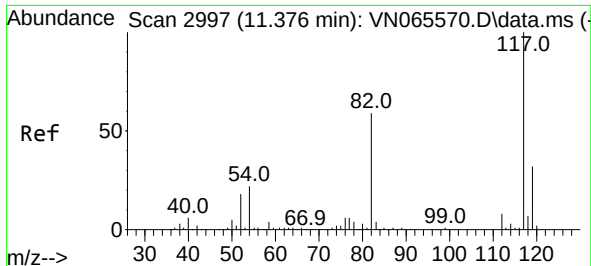
Tgt Ion: 43 Resp: 192199
Ion Ratio Lower Upper
43 100
58 20.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 61.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 95 Resp: 128546
Ion Ratio Lower Upper
95 100
174 69.9 0.0 169.0
176 68.3 0.0 162.4

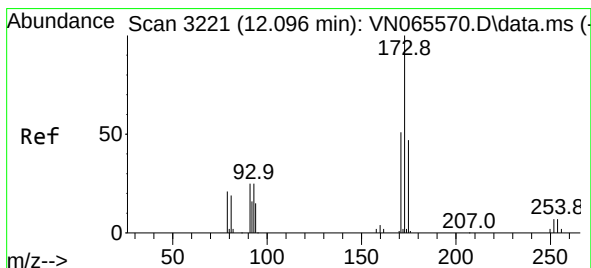
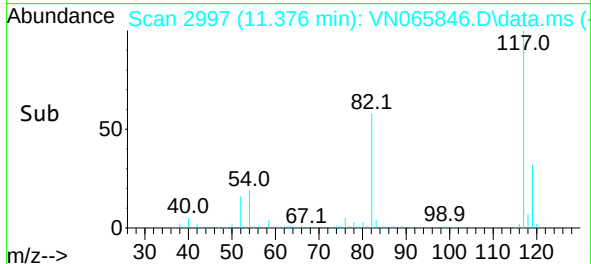
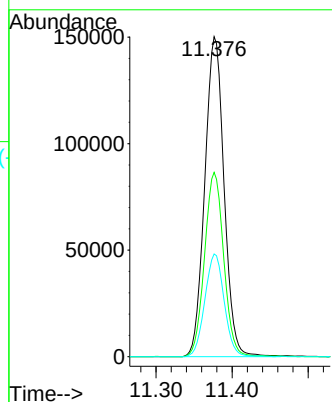
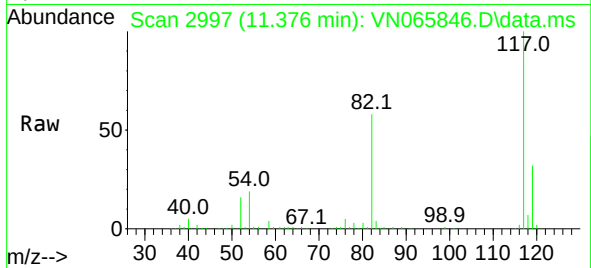




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

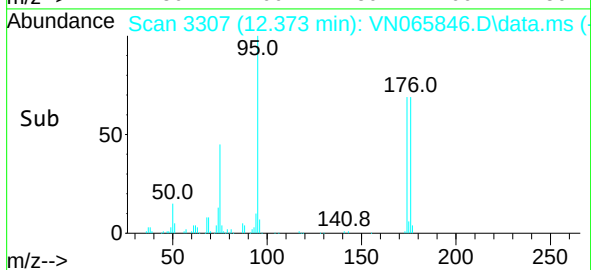
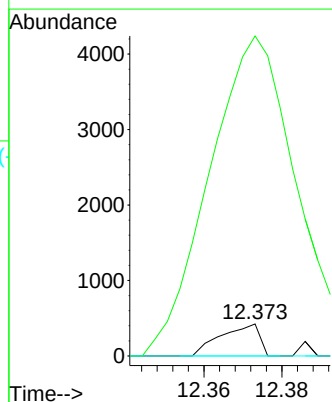
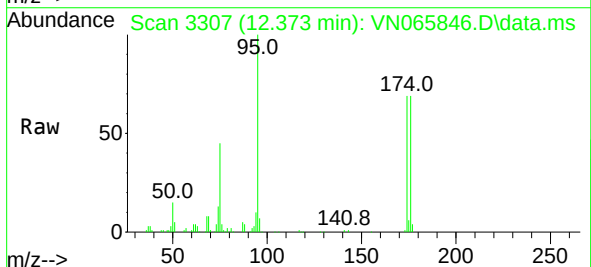
Instrument :
MSVOA_N
ClientSampled :

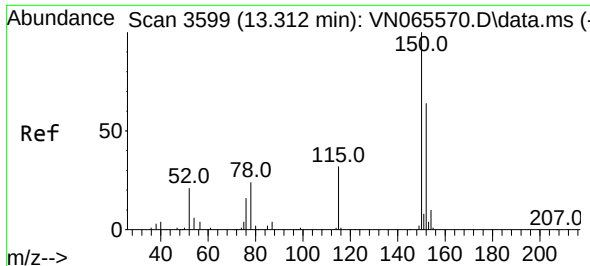
Tgt Ion:117 Resp: 264826
Ion Ratio Lower Upper
117 100
82 57.6 43.7 65.5
119 32.1 26.1 39.1



#71
Bromoform
Concen: 0.22 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion:173 Resp: 292
Ion Ratio Lower Upper
173 100
175 1951.7 23.8 71.2#
254 0.0 0.0 0.0

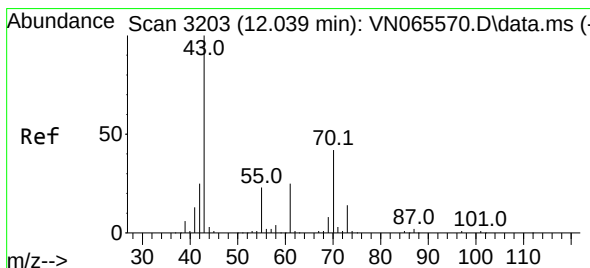
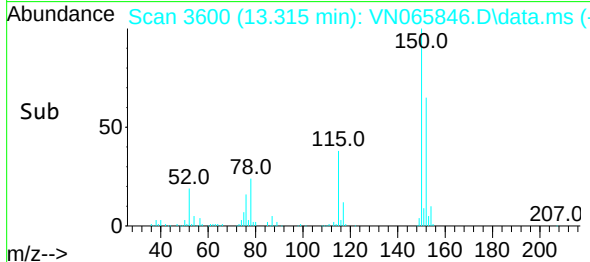
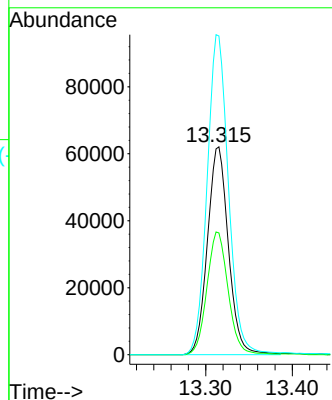
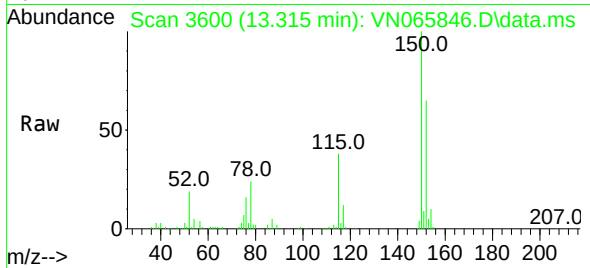




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

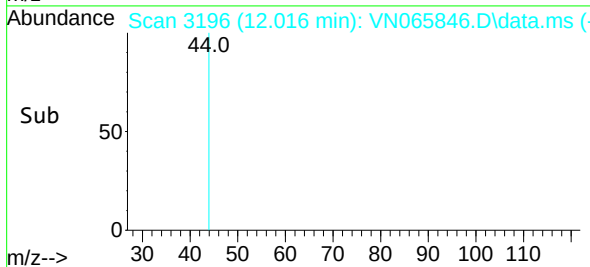
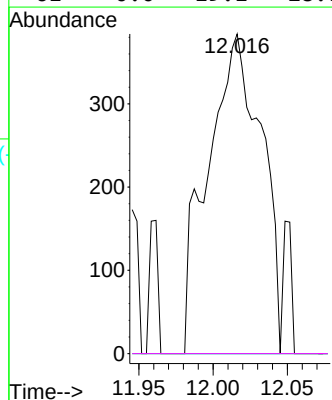
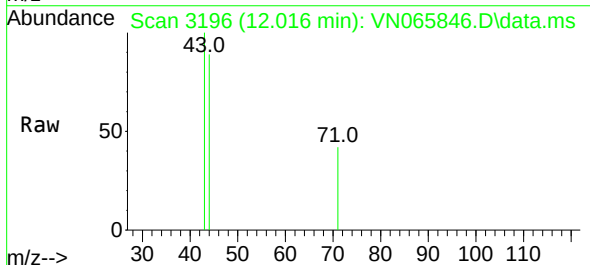
Instrument :
MSVOA_N
ClientSampleId :

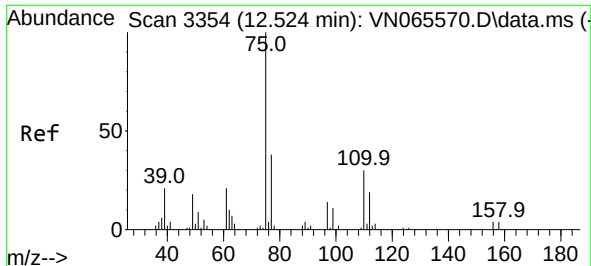
Tgt Ion:152 Resp: 104569
Ion Ratio Lower Upper
152 100
115 59.5 28.5 85.6
150 156.4 0.0 347.6



#74
N-ethyl acetate
Concen: 0.25 ug/l
RT: 12.016 min Scan# 3196
Delta R.T. -0.023 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

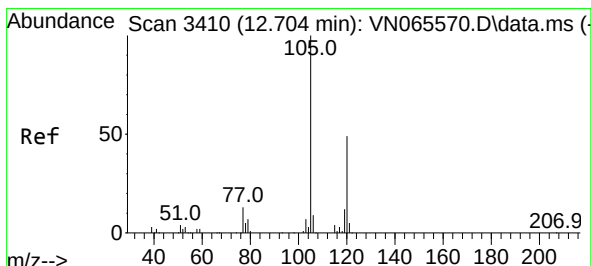
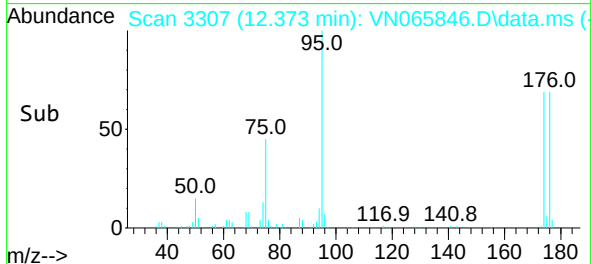
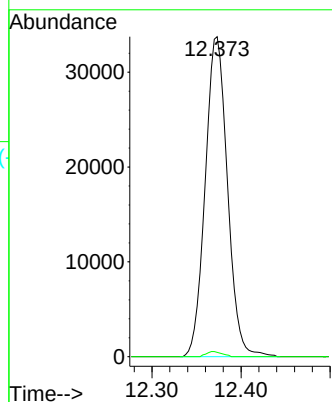
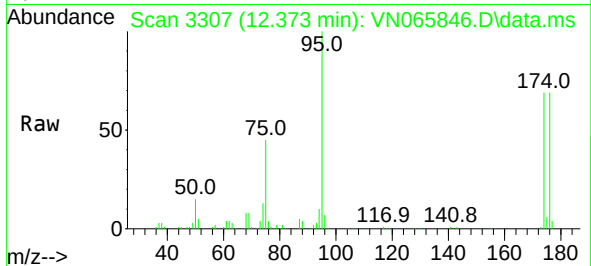




#76
1,2,3-Trichloropropane
Concen: 21.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

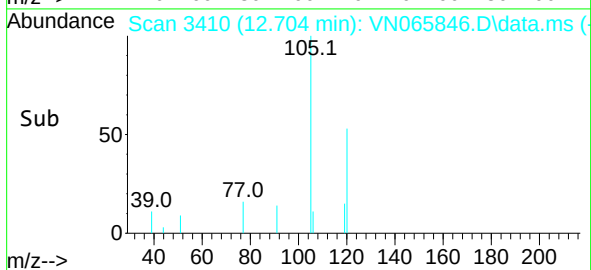
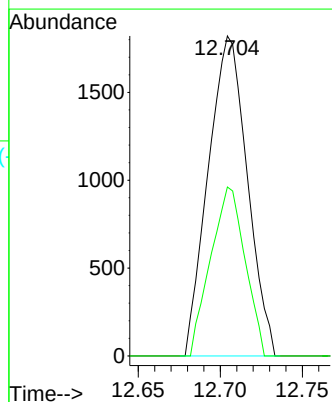
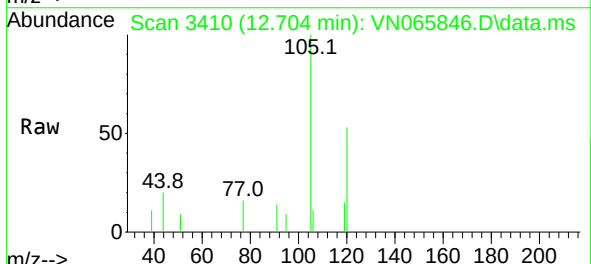
Instrument :
MSVOA_N
ClientSampled :

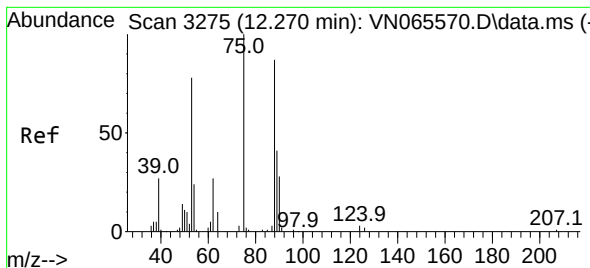
Tgt Ion: 75 Resp: 58484
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.39 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 105 Resp: 3006
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.8

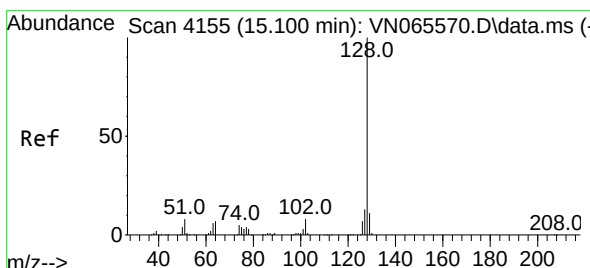
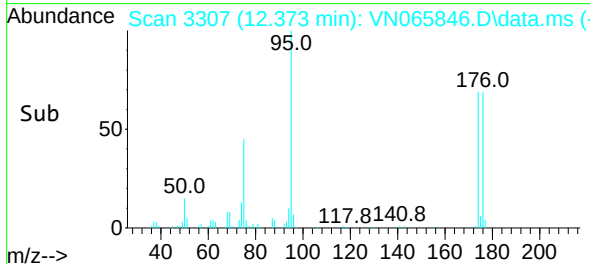
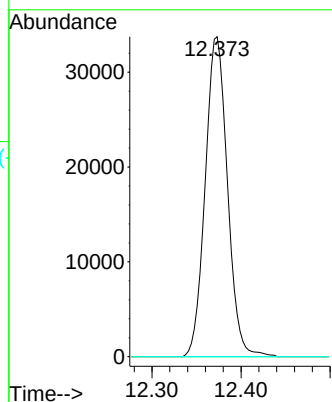
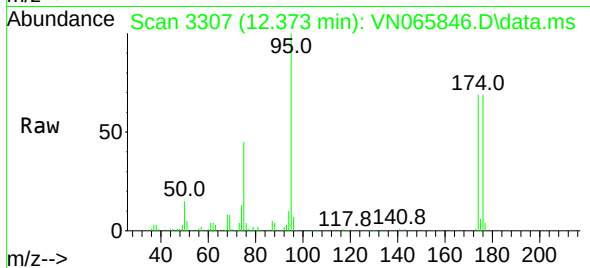




#81
trans-1,4-Dichloro-2-butene
Concen: 54.78 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 58484
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.47 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065846.D
Acq: 12 Feb 2021 18:22

Tgt Ion: 128 Resp: 139
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

