

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065782.D
 Acq On : 9 Feb 2021 15:59
 Operator : JC/MD
 Sample : PB134530ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

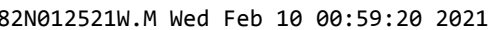
Quant Time: Feb 10 00:59:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	173556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	292479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	264156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	96244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	99839	43.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.46%		
35) Dibromofluoromethane	7.547	113	82197	47.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.84%		
50) Toluene-d8	10.058	98	364576	53.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.02%		
62) 4-Bromofluorobenzene	12.373	95	119482	48.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.40%		
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	14766	16.61	ug/l	96
18) Methyl Acetate	4.287	43	3022	1.21	ug/l #	76
20) Methylene Chloride	4.502	84	10064	4.09	ug/l	92
25) 2-Butanone	6.804	43	1981	1.42	ug/l	98
29) Tetrahydrofuran	7.174	42	431	0.43	ug/l #	43
31) Cyclohexane	7.618	56	2888	0.67	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	12093	4.11	ug/l #	47
37) Ethyl Acetate	6.804	43	1981	0.70	ug/l #	68
38) Carbon Tetrachloride	7.621	117	15227	6.28	ug/l #	17
43) Isopropyl Acetate	8.132	43	12819	2.56	ug/l #	91
45) 1,2-Dichloropropane	9.235	63	1066	0.43	ug/l #	44
48) Methyl methacrylate	9.145	41	3410	1.44	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	3742	1.36	ug/l	98
54) cis-1,3-Dichloropropene	9.872	75	25877	6.81	ug/l #	57
56) Ethyl methacrylate	10.200	69	1620	0.48	ug/l	94
57) 1,3-Dichloropropane	10.733	76	14488	4.05	ug/l #	43
59) 2-Hexanone	10.733	43	180544	94.21	ug/l #	52
71) Bromoform	12.370	173	280	0.21	ug/l #	29
74) N-amyl acetate	11.849	43	9028	2.53	ug/l #	50
76) 1,2,3-Trichloropropane	12.373	75	52562	20.89	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	2900	0.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	52562	53.49	ug/l #	12

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

Quant Time: Feb 10 00:59:13 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

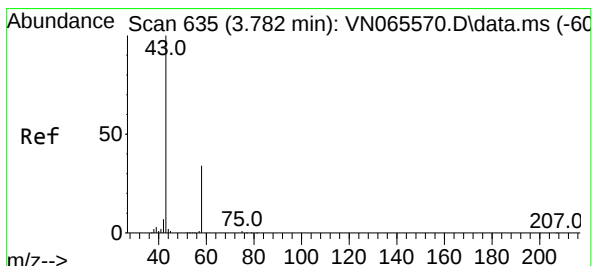
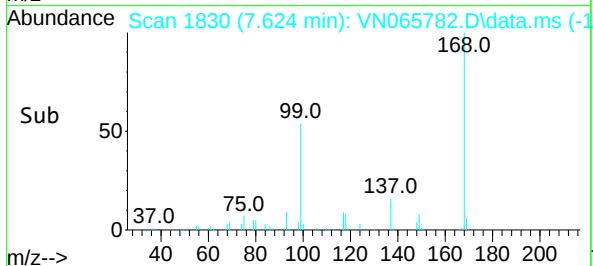
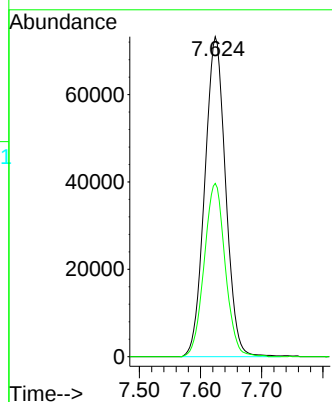
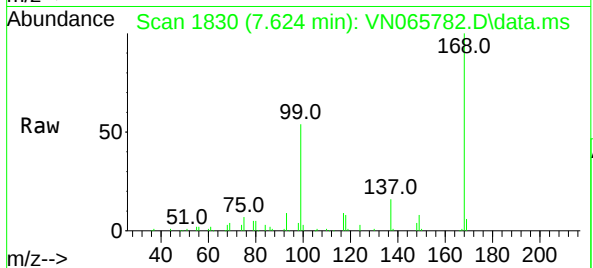




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

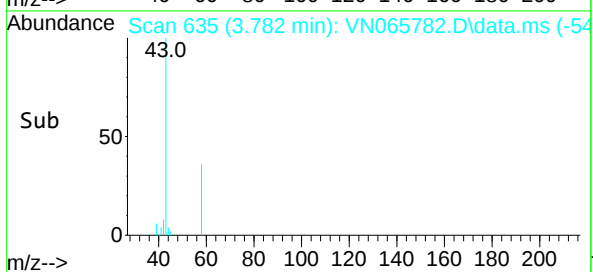
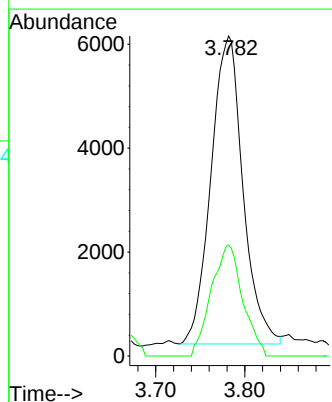
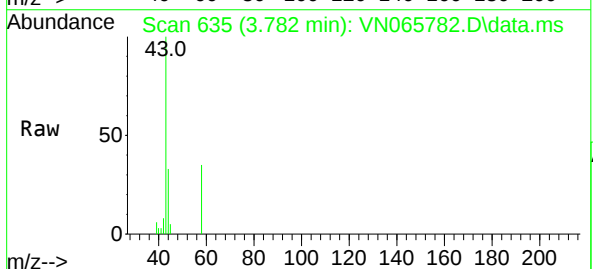
Instrument :
MSVOA_N
ClientSampled :

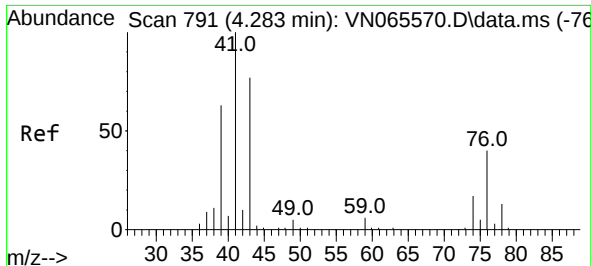
Tgt Ion:168 Resp: 173556
Ion Ratio Lower Upper
168 100
99 54.2 42.6 63.8



#16
Acetone
Concen: 16.61 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 43 Resp: 14766
Ion Ratio Lower Upper
43 100
58 36.0 27.0 40.6





#18

Methyl Acetate

Concen: 1.21 ug/l

RT: 4.287 min Scan# 792

Delta R.T. 0.004 min

Lab File: VN065782.D

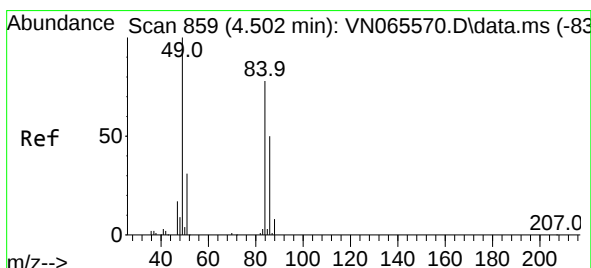
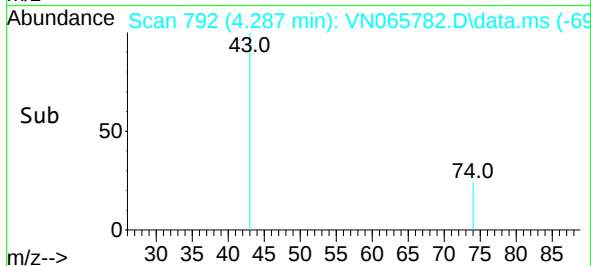
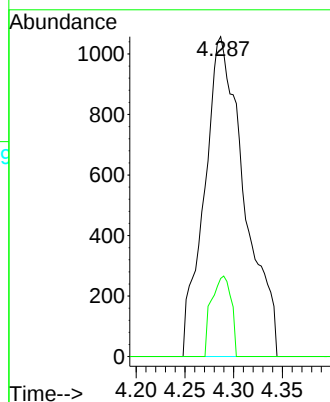
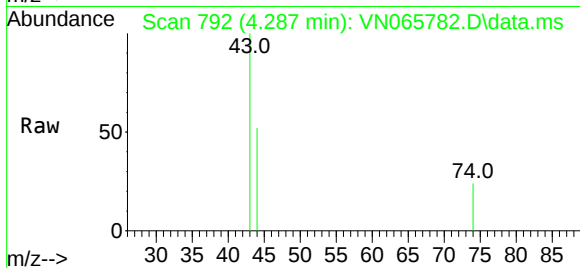
Acq: 9 Feb 2021 15:59

Tgt Ion: 43 Resp: 3022

Ion Ratio Lower Upper

43 100

74 12.3 19.5 29.3#



#20

Methylene Chloride

Concen: 4.09 ug/l

RT: 4.502 min Scan# 859

Delta R.T. 0.000 min

Lab File: VN065782.D

Acq: 9 Feb 2021 15:59

Tgt Ion: 84 Resp: 10064

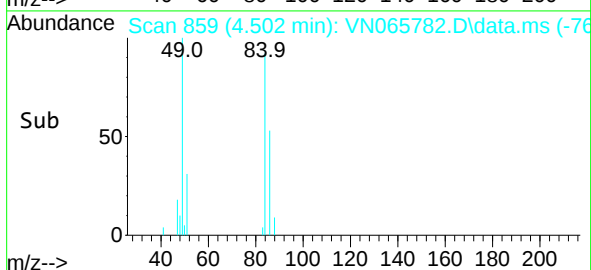
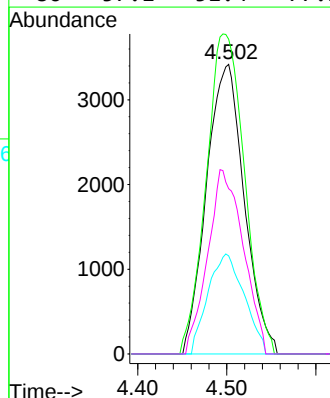
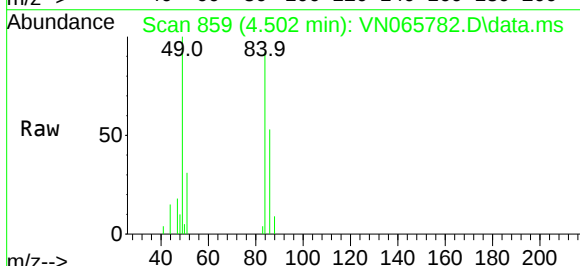
Ion Ratio Lower Upper

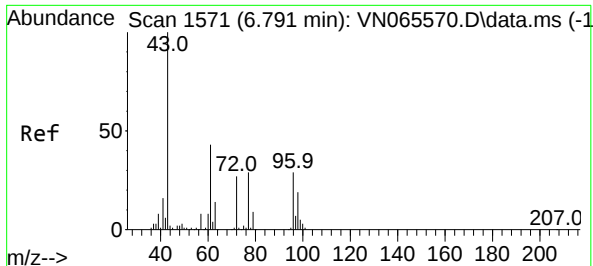
84 100

49 108.6 94.6 141.8

51 33.8 29.9 44.9

86 57.1 51.4 77.2

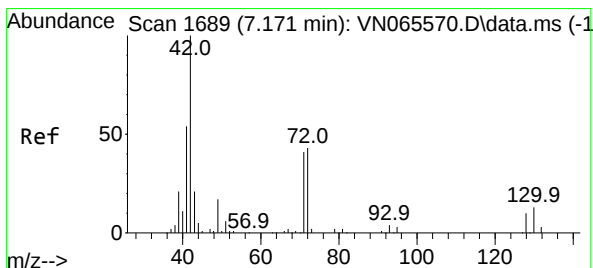
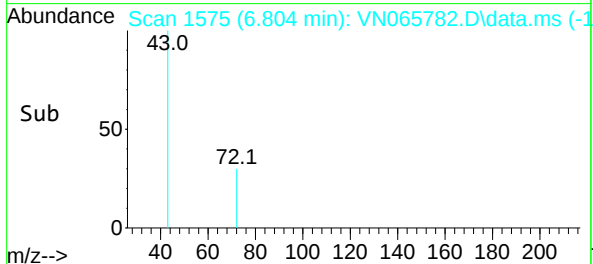
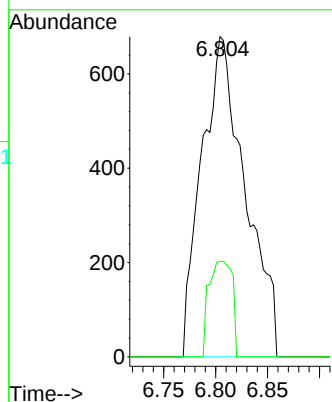
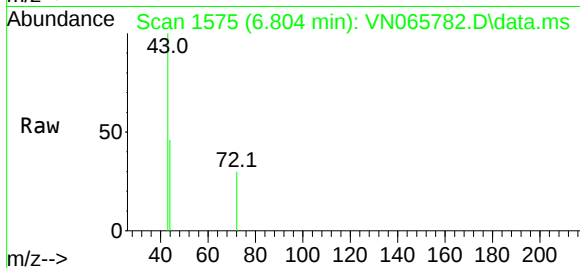




#25
2-Butanone
Concen: 1.42 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

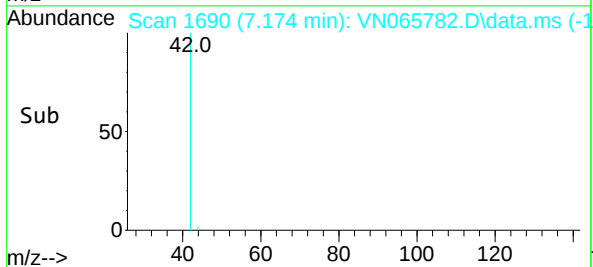
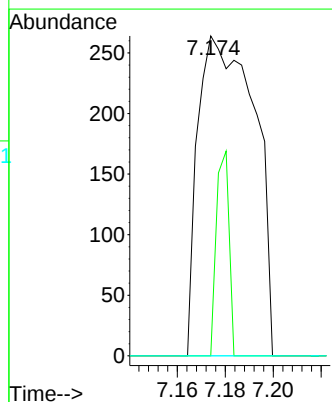
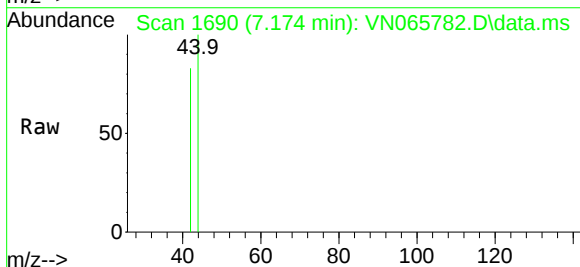
Instrument :
MSVOA_N
ClientSampled :

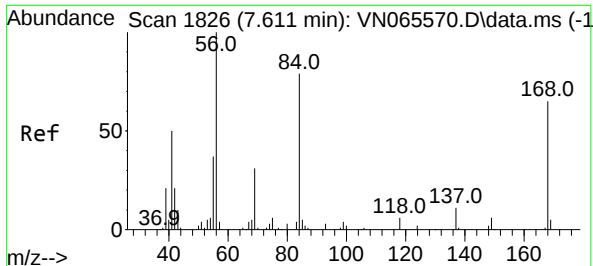
Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
72 29.9 23.1 34.7



#29
Tetrahydrofuran
Concen: 0.43 ug/l
RT: 7.174 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 42 Resp: 431
Ion Ratio Lower Upper
42 100
72 14.4 36.6 55.0#
71 0.0 34.3 51.5#





#31

Cyclohexane

Concen: 0.67 ug/l

RT: 7.618 min Scan# 1828

Delta R.T. 0.007 min

Lab File: VN065782.D

Acq: 9 Feb 2021 15:59

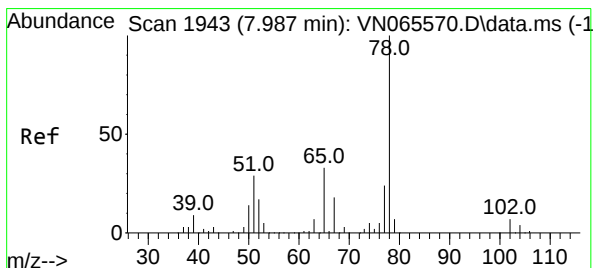
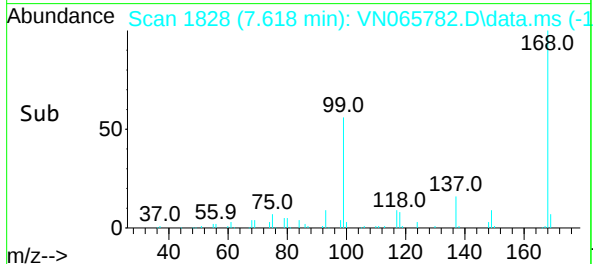
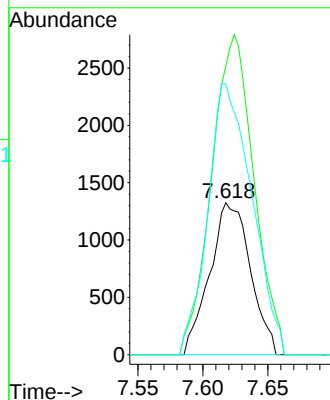
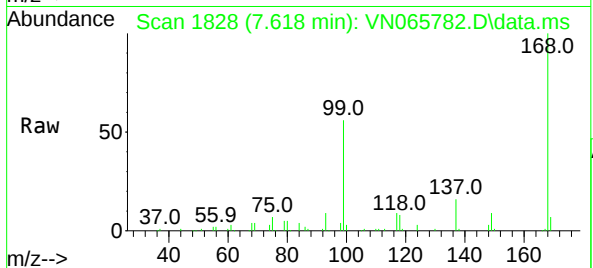
Tgt Ion: 56 Resp: 2888

Ion Ratio Lower Upper

56 100

69 190.2 26.6 39.8#

84 178.3 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 43.73 ug/l

RT: 7.984 min Scan# 1942

Delta R.T. -0.003 min

Lab File: VN065782.D

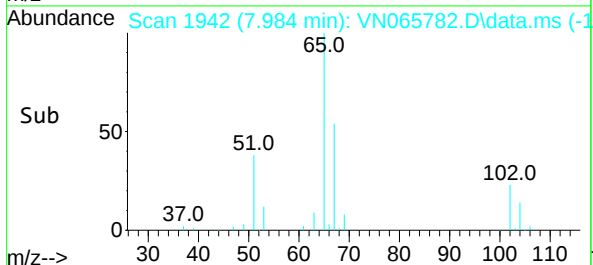
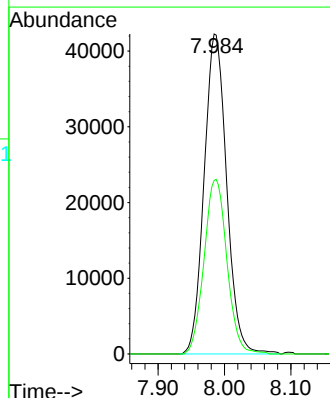
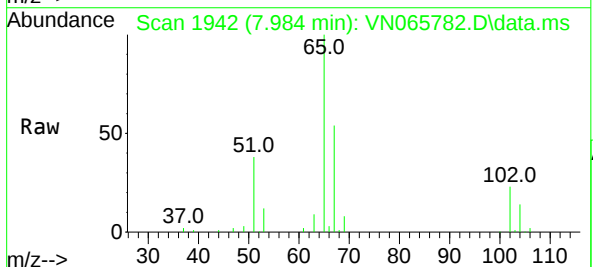
Acq: 9 Feb 2021 15:59

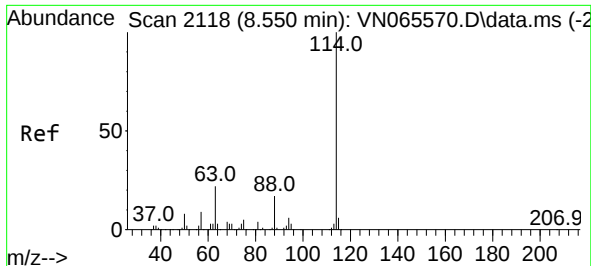
Tgt Ion: 65 Resp: 99839

Ion Ratio Lower Upper

65 100

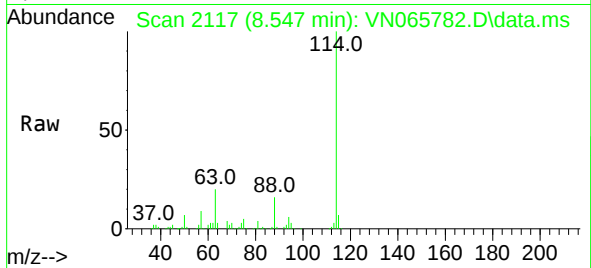
67 55.3 0.0 107.2



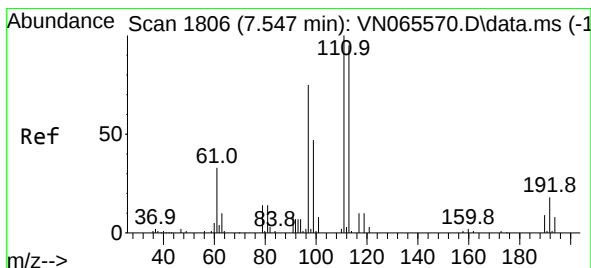
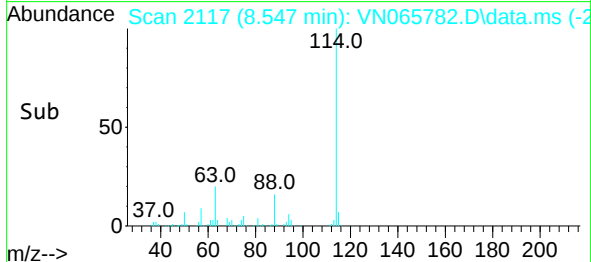
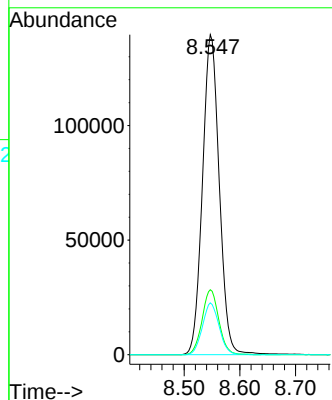


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Instrument :
MSVOA_N
ClientSampled :

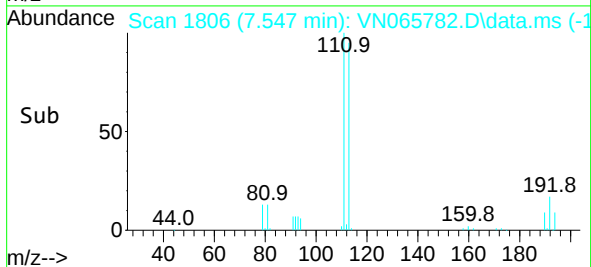
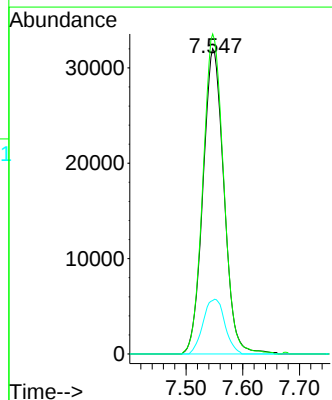
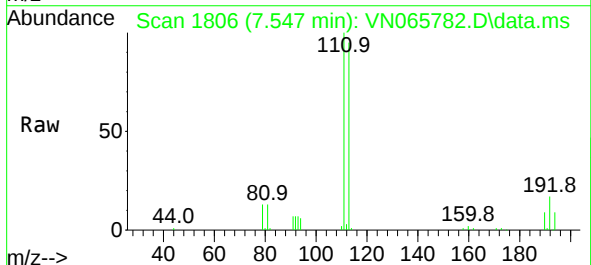


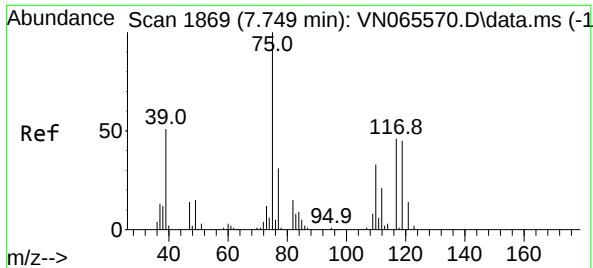
Tgt Ion:114 Resp: 292479
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.42 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

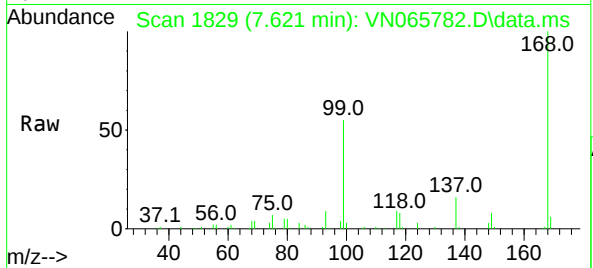
Tgt Ion:113 Resp: 82197
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 18.6 15.4 23.0



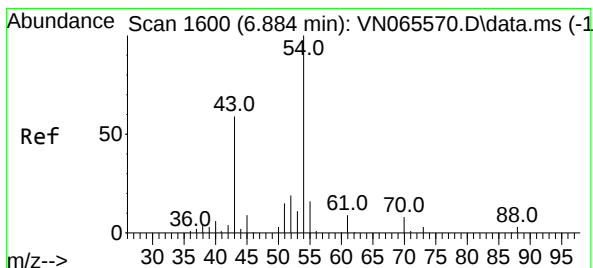
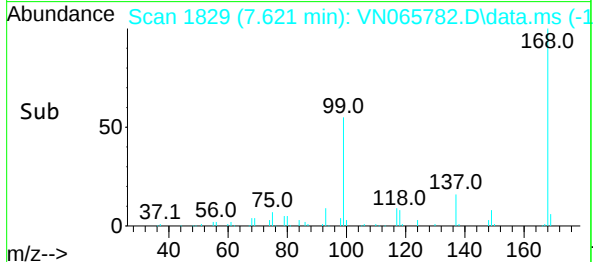
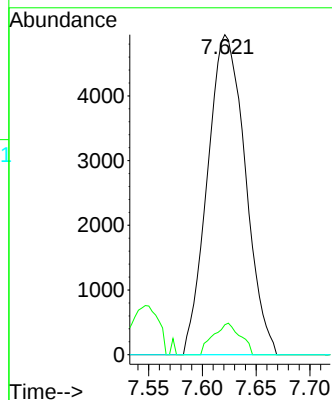


#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Instrument :
MSVOA_N
ClientSampled :

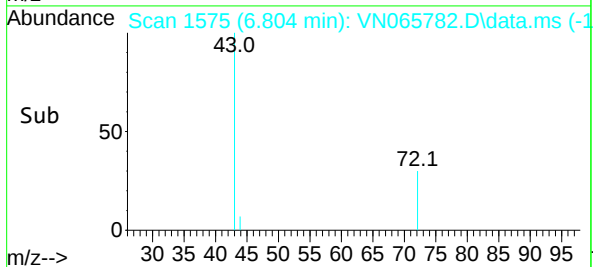
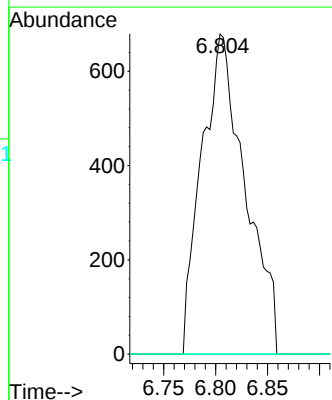
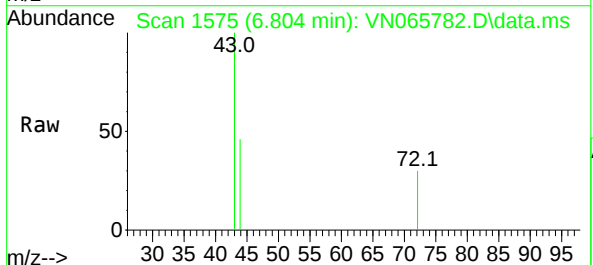


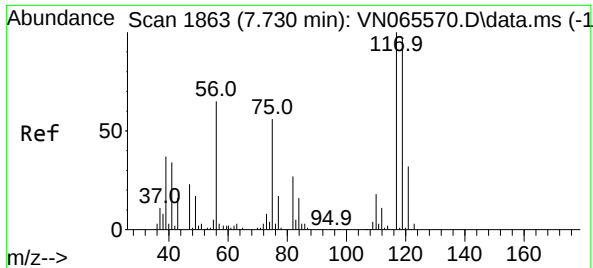
Tgt Ion: 75 Resp: 12093
Ion Ratio Lower Upper
75 100
110 7.1 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.70 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. -0.080 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

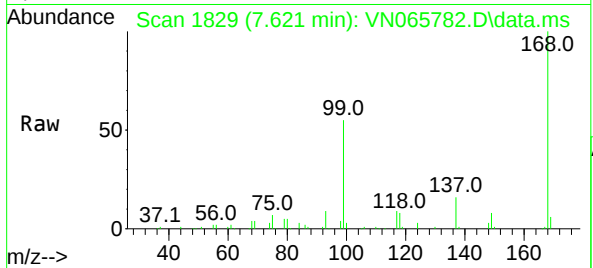
Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



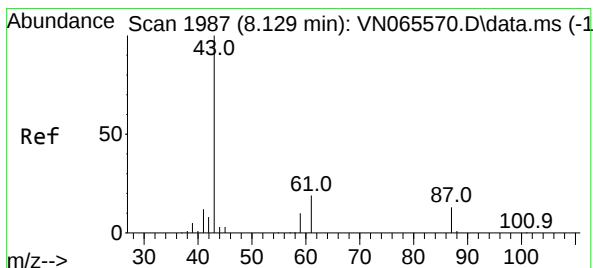
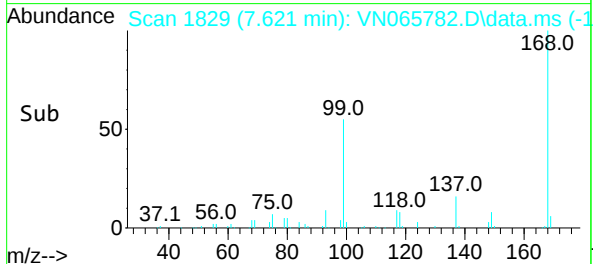
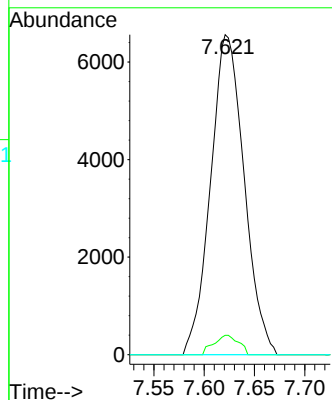


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Instrument :
MSVOA_N
ClientSampled :

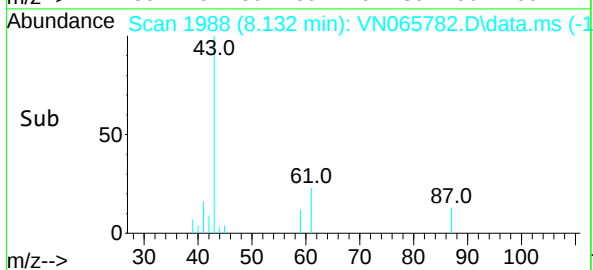
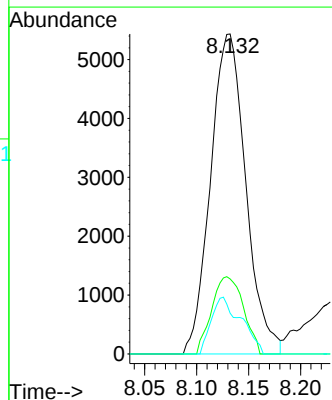
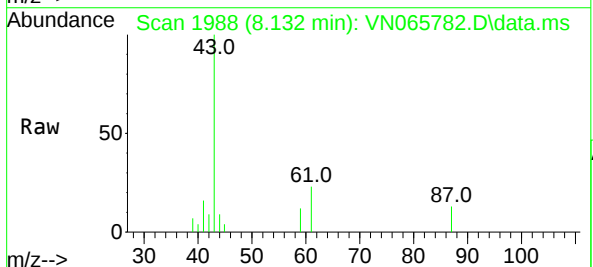


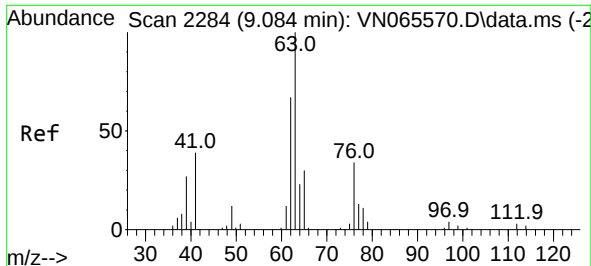
Tgt Ion:117 Resp: 15227
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.56 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.003 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 43 Resp: 12819
Ion Ratio Lower Upper
43 100
61 21.7 22.5 33.7#
87 15.1 11.1 16.7

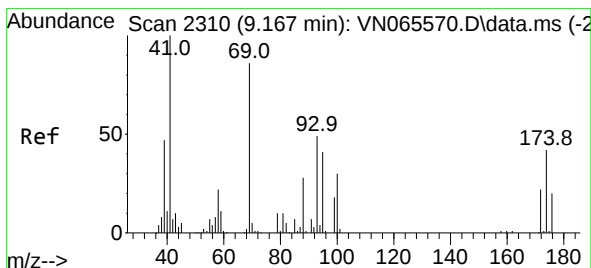
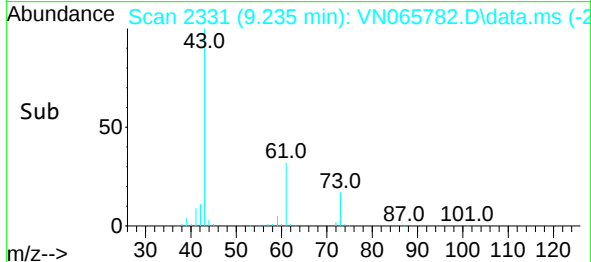
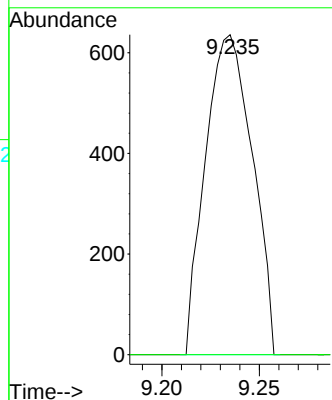
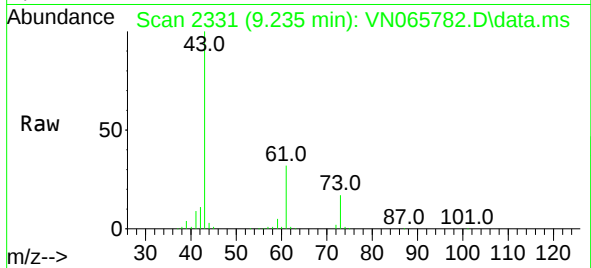




#45
1,2-Dichloropropane
Concen: 0.43 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

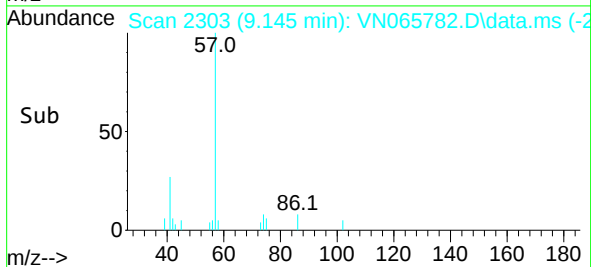
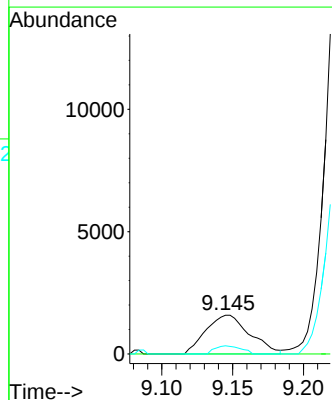
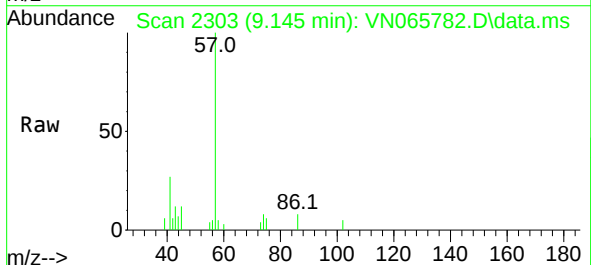
Instrument :
MSVOA_N
ClientSampled :

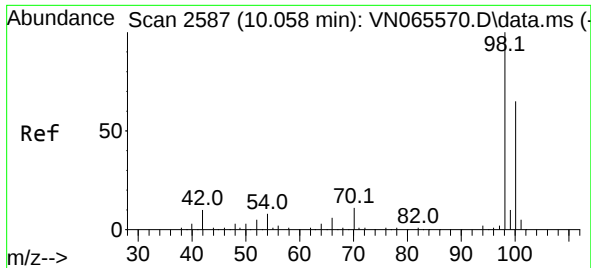
Tgt Ion: 63 Resp: 1066
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.44 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 41 Resp: 3410
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

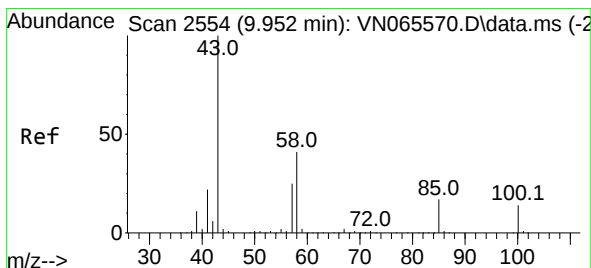
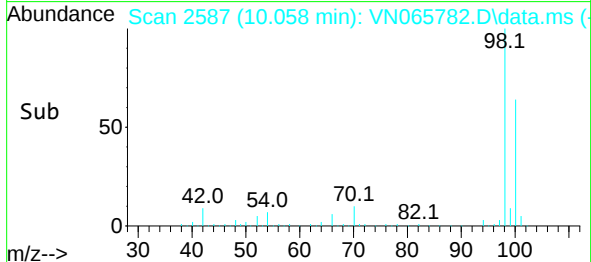
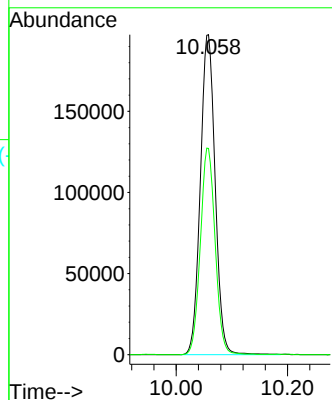
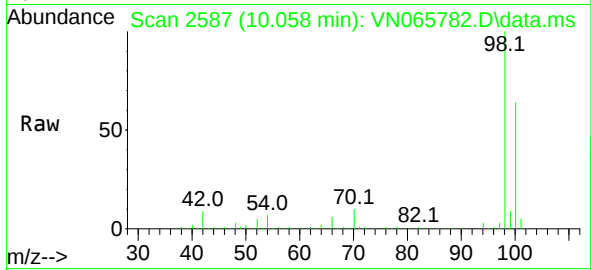




#50
Toluene-d8
Concen: 53.51 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

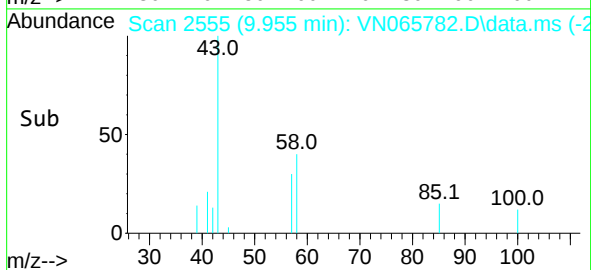
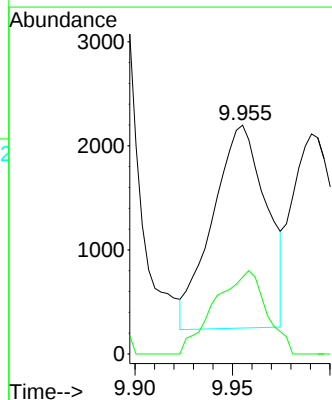
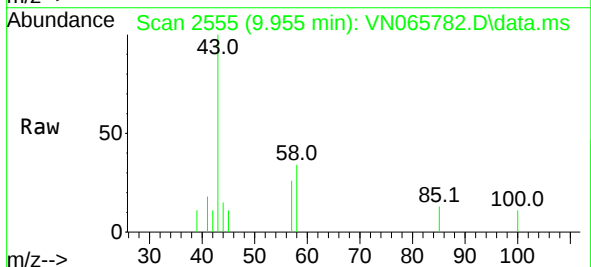
Instrument :
MSVOA_N
ClientSampled :

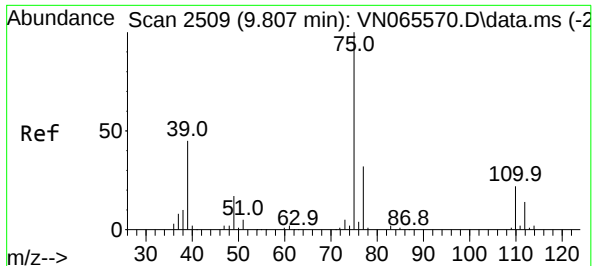
Tgt Ion: 98 Resp: 364576
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.36 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 43 Resp: 3742
Ion Ratio Lower Upper
43 100
58 39.4 32.5 48.7

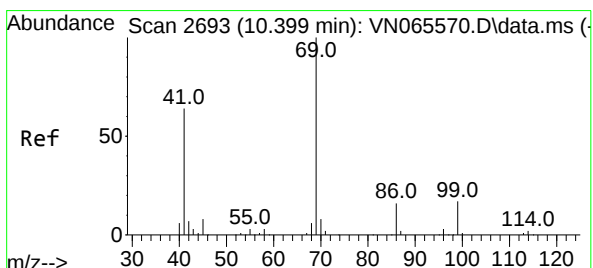
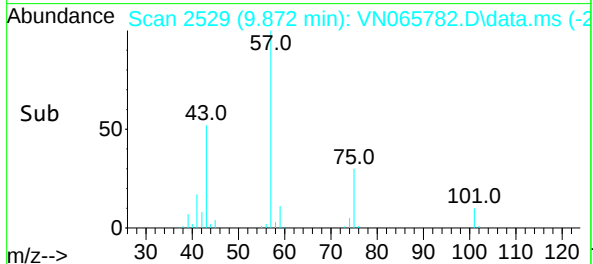
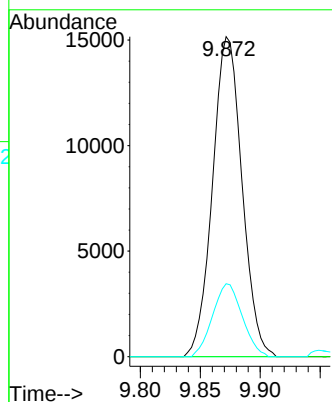
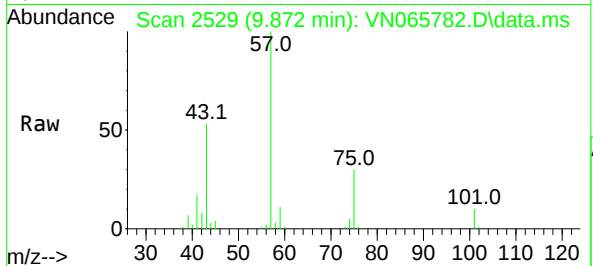




#54
cis-1,3-Dichloropropene
Concen: 6.81 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

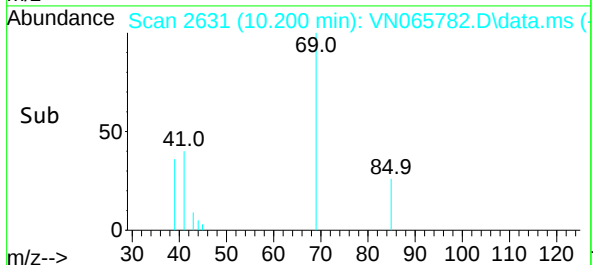
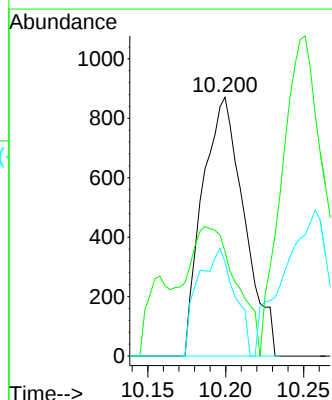
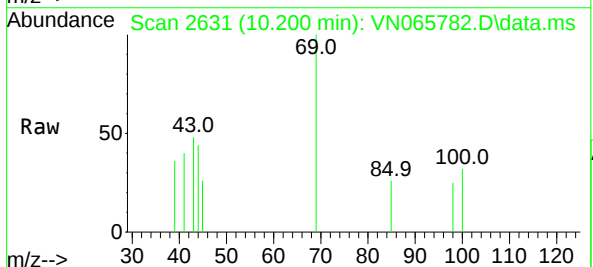
Instrument :
MSVOA_N
ClientSampled :

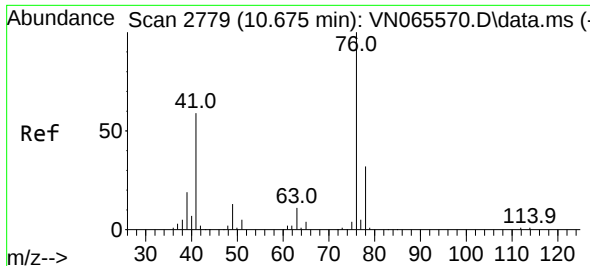
Tgt Ion: 75 Resp: 25877
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.8 36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.48 ug/l
RT: 10.200 min Scan# 2631
Delta R.T. -0.199 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 69 Resp: 1620
Ion Ratio Lower Upper
69 100
41 55.5 49.6 74.4
39 36.4 28.0 42.0

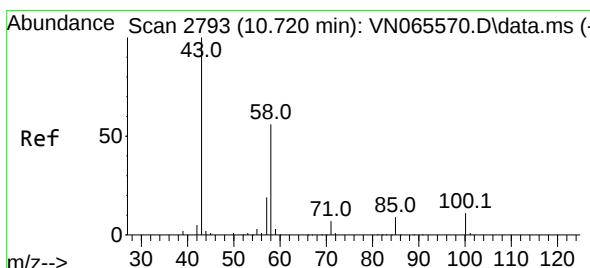
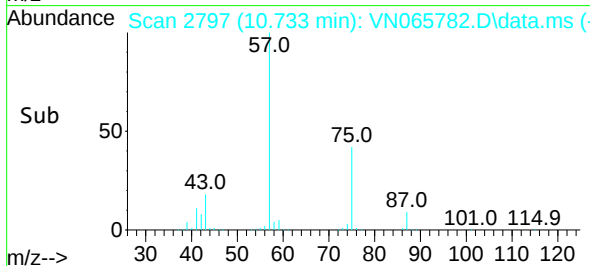
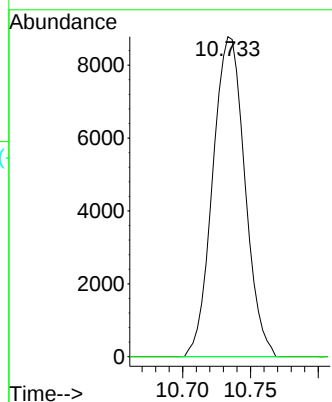
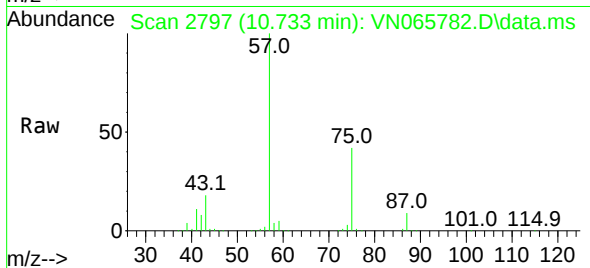




#57
1,3-Dichloropropane
Concen: 4.05 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

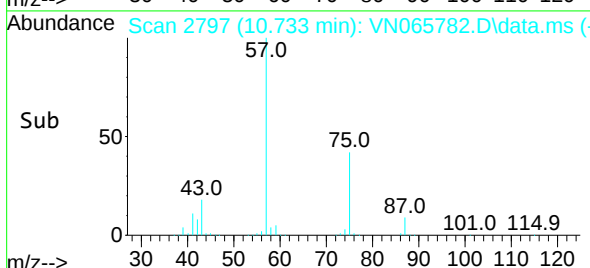
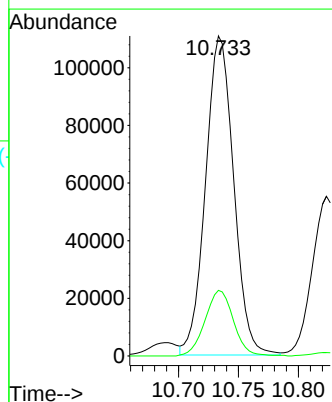
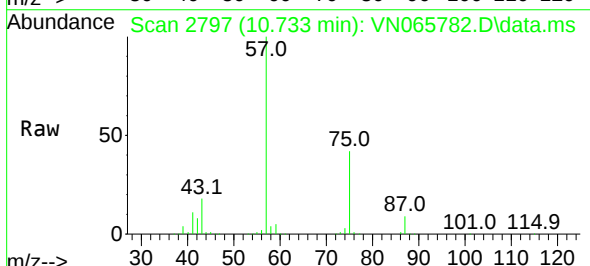
Instrument :
MSVOA_N
ClientSampled :

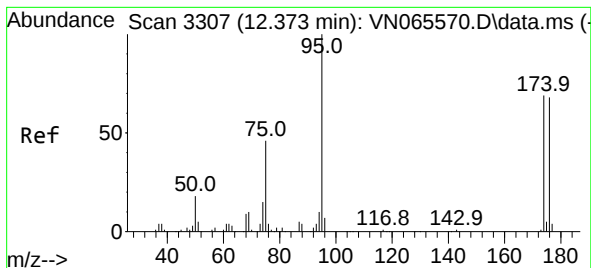
Tgt Ion: 76 Resp: 14488
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 94.21 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 43 Resp: 180544
Ion Ratio Lower Upper
43 100
58 20.7 28.1 84.3#

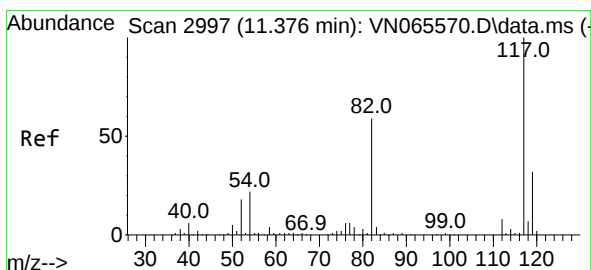
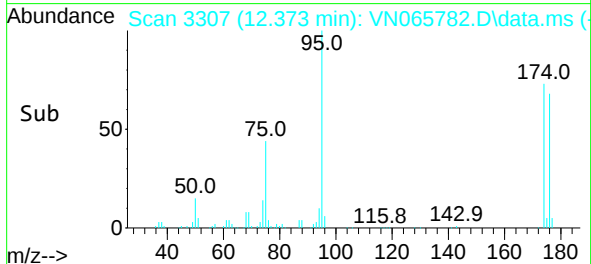
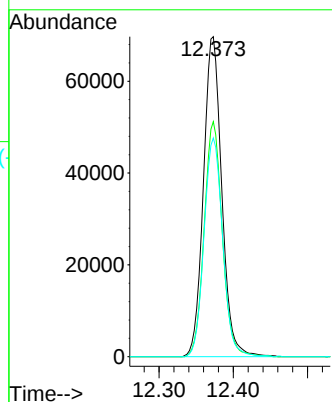
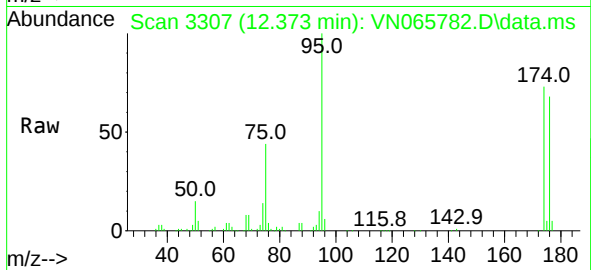




#62
4-Bromofluorobenzene
Concen: 48.70 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

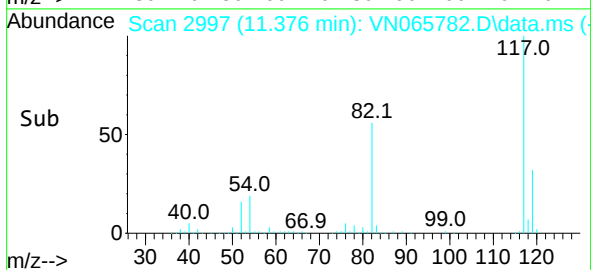
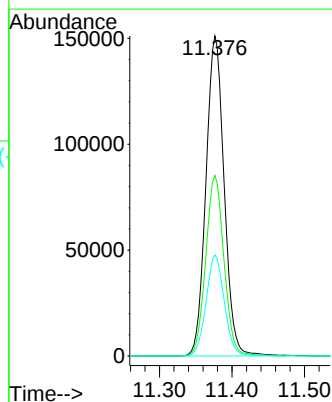
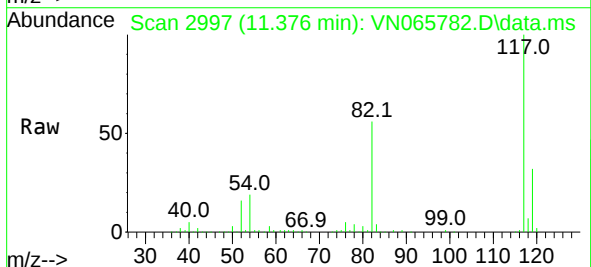
Instrument :
MSVOA_N
ClientSampleId :

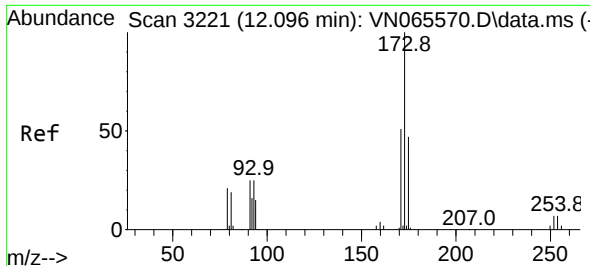
Tgt Ion: 95 Resp: 119482
Ion Ratio Lower Upper
95 100
174 72.6 0.0 169.0
176 69.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 117 Resp: 264156
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 31.5 26.1 39.1

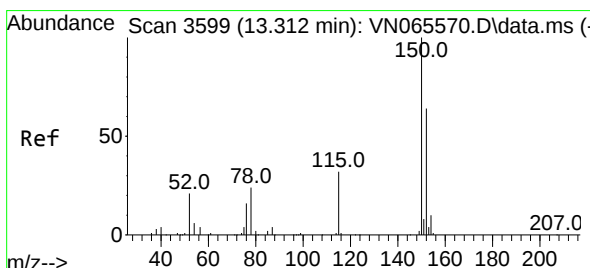
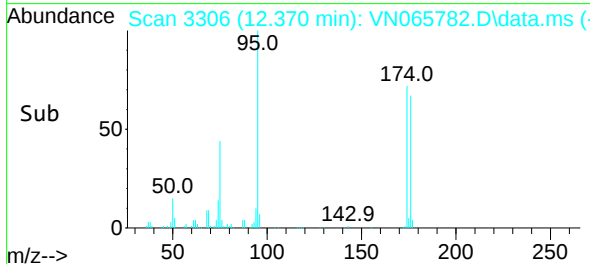
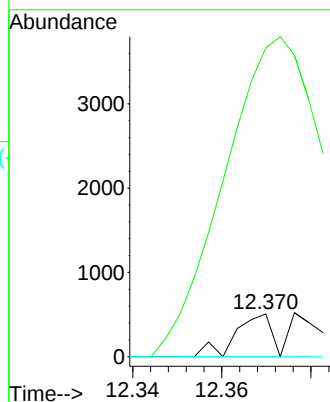
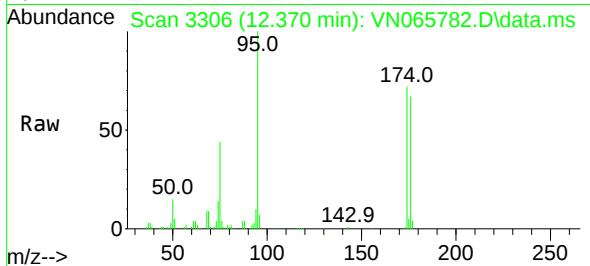




#71
Bromoform
Concen: 0.21 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.274 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

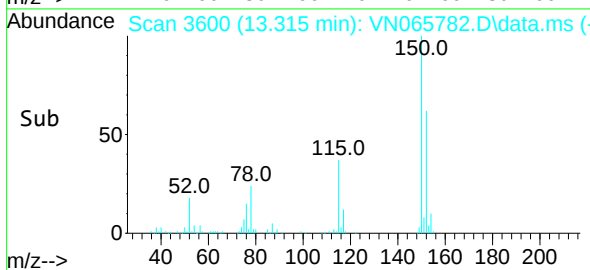
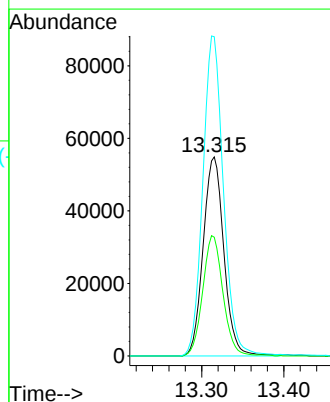
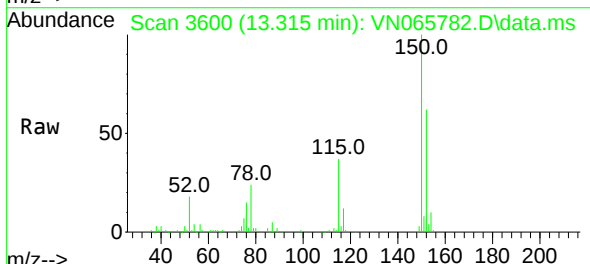
Instrument :
MSVOA_N
ClientSampled :

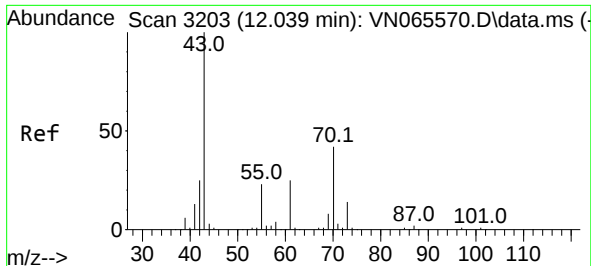
Tgt Ion:173 Resp: 280
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion:152 Resp: 96244
Ion Ratio Lower Upper
152 100
115 58.8 28.5 85.6
150 159.7 0.0 347.6

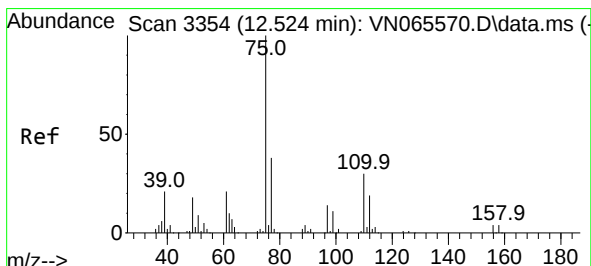
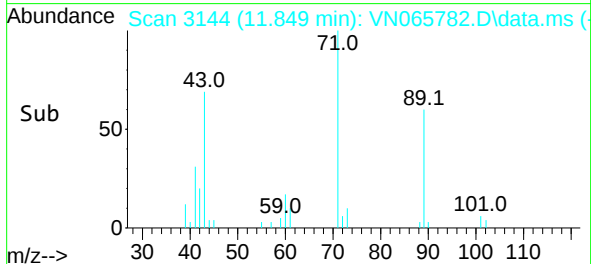
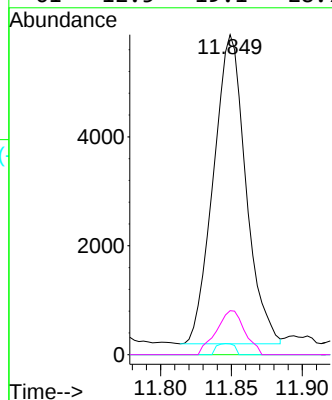
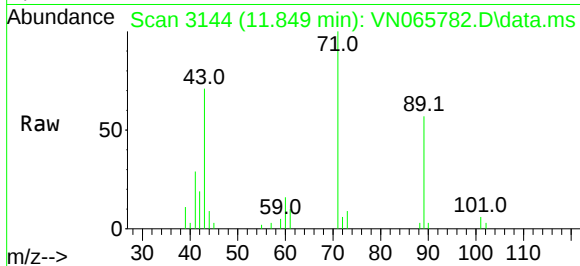




#74
N-amy1 acetate
Concen: 2.53 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.190 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

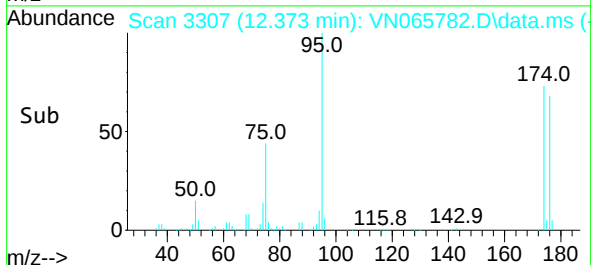
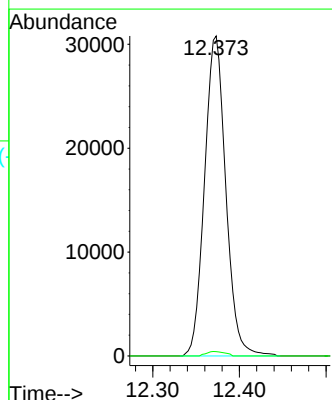
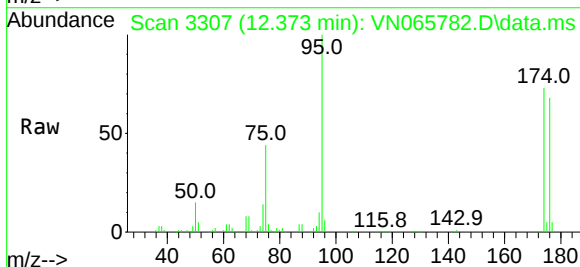
Instrument :
MSVOA_N
ClientSampled :

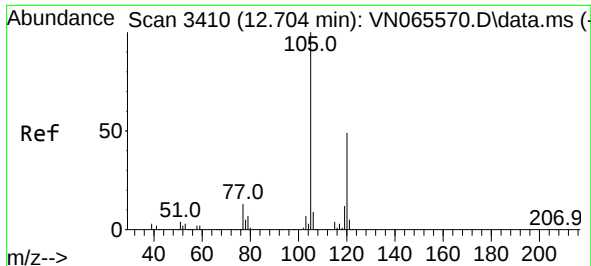
Tgt Ion: 43	Resp: 9028
Ion Ratio	Lower Upper
43 100	
70 0.0	34.4 51.6#
55 2.0	20.7 31.1#
61 12.5	19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 20.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 75	Resp: 52562
Ion Ratio	Lower Upper
75 100	
77 1.2	0.0 0.0#

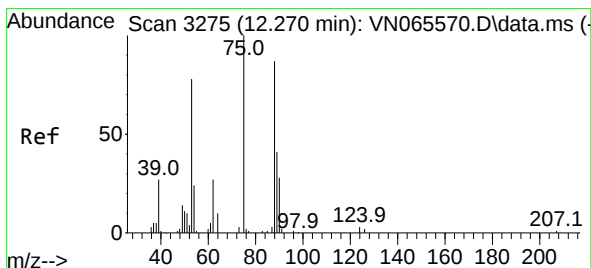
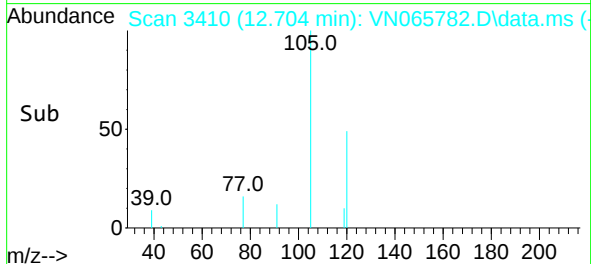
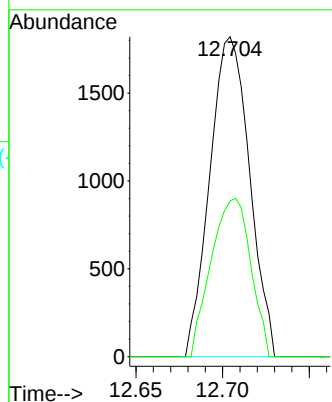
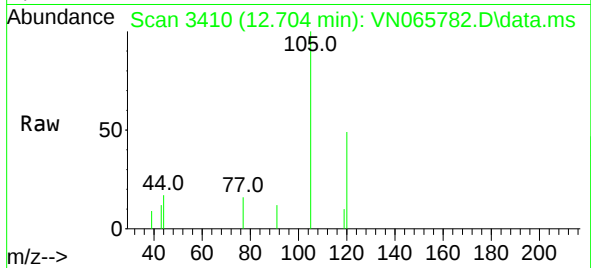




#80
1,3,5-Trimethylbenzene
Concen: 0.40 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:105 Resp: 2900
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 53.49 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065782.D
Acq: 9 Feb 2021 15:59

Tgt Ion: 75 Resp: 52562
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

