

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065582.D
 Acq On : 25 Jan 2021 17:22
 Operator : JC/MD
 Sample : PB134285ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 26 01:48:28 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)

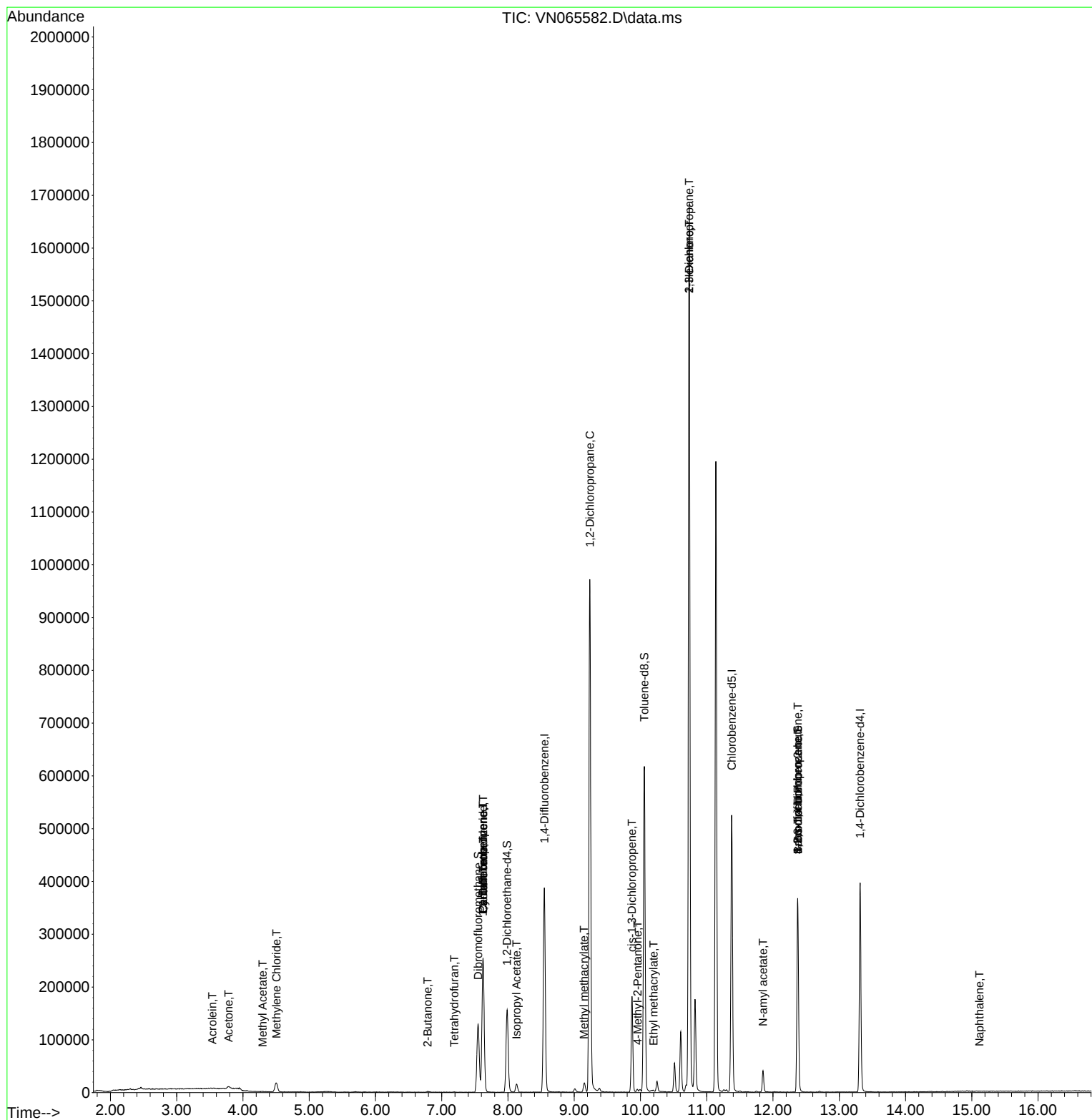
Internal Standards						
1) Pentafluorobenzene	7.624	168	205956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	355320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	309203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	110913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	131257	48.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.88%			
35) Dibromofluoromethane	7.550	113	105461	50.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.18%			
50) Toluene-d8	10.058	98	443866	53.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.26%			
62) 4-Bromofluorobenzene	12.373	95	147695	49.55	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.10%			
Target Compounds					Qvalue	
13) Acrolein	3.541	56	109	18.32	ug/l #	15
16) Acetone	3.782	43	6070	5.75	ug/l #	87
18) Methyl Acetate	4.296	43	601	0.20	ug/l #	51
20) Methylene Chloride	4.505	84	13174	4.51	ug/l	97
25) 2-Butanone	6.788	43	535	0.32	ug/l #	46
29) Tetrahydrofuran	7.190	42	355	0.30	ug/l #	32
31) Cyclohexane	7.624	56	4370	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	16814	4.70	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19627	6.67	ug/l #	16
43) Isopropyl Acetate	8.129	43	19470	3.20	ug/l #	87
45) 1,2-Dichloropropane	9.238	63	1232	0.41	ug/l #	44
48) Methyl methacrylate	9.148	41	4771	1.65	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	3963	1.18	ug/l	89
54) cis-1,3-Dichloropropene	9.872	75	34967	7.57	ug/l #	56
56) Ethyl methacrylate	10.200	69	2474	0.61	ug/l #	73
57) 1,3-Dichloropropane	10.733	76	18036	4.15	ug/l #	43
59) 2-Hexanone	10.733	43	243598	104.64	ug/l #	49
71) Bromoform	12.373	173	459	0.29	ug/l #	1
74) N-amyl acetate	11.849	43	13302	3.24	ug/l #	52
76) 1,2,3-Trichloropropane	12.373	75	68848	23.74	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	68848	60.80	ug/l #	12
95) Naphthalene	15.116	128	145	3.47	ug/l #	69

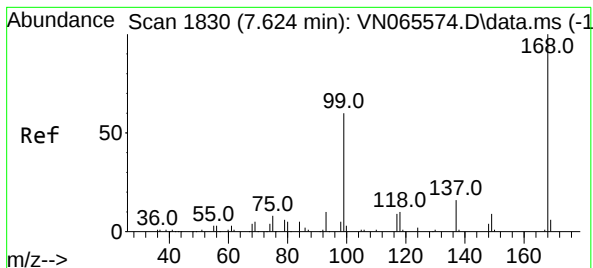
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

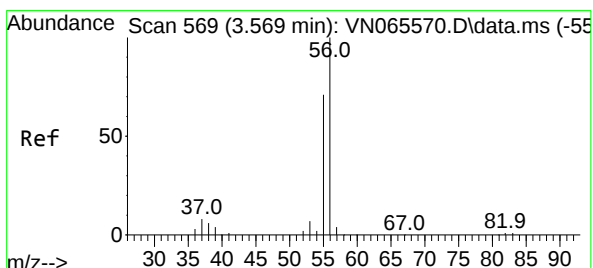
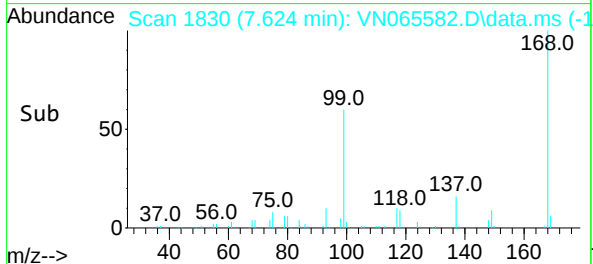
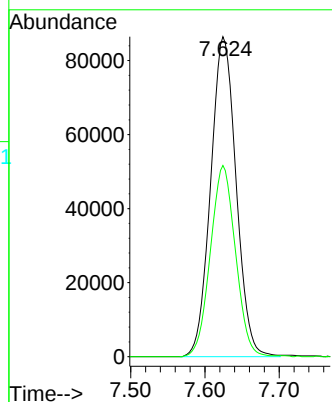
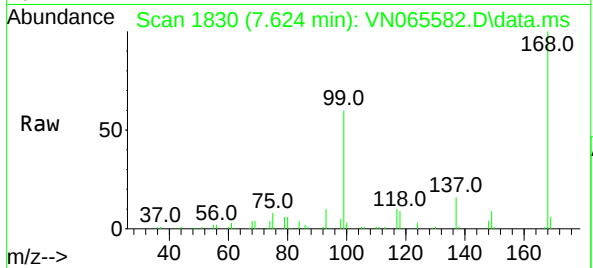




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

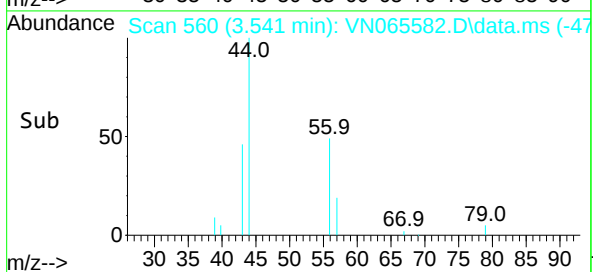
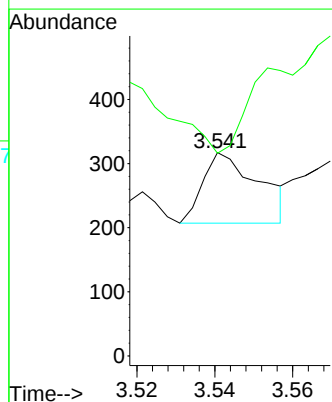
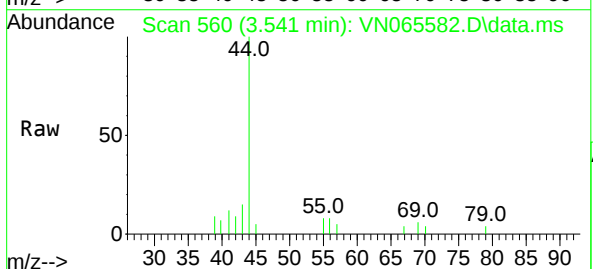
Instrument :
MSVOA_N
ClientSampled :

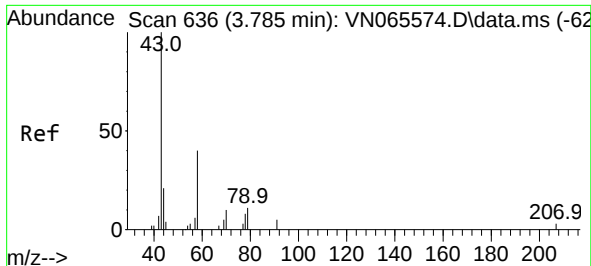
Tgt Ion:168 Resp: 205956
Ion Ratio Lower Upper
168 100
99 59.7 42.6 63.8



#13
Acrolein
Concen: 18.32 ug/l
RT: 3.541 min Scan# 560
Delta R.T. -0.028 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

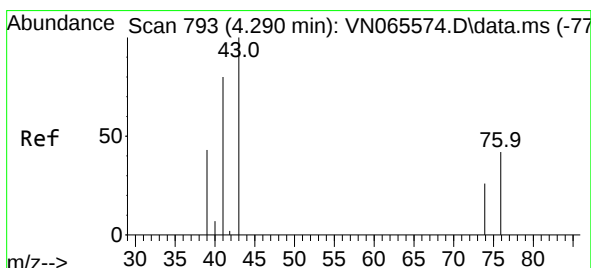
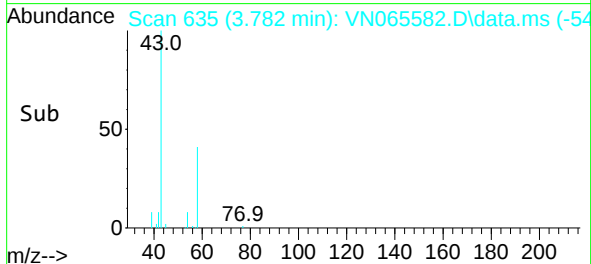
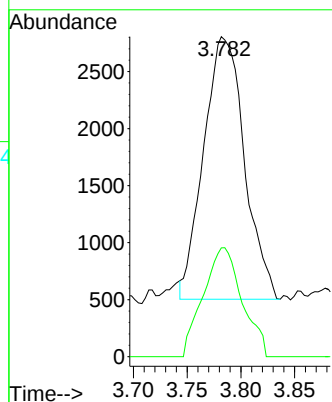
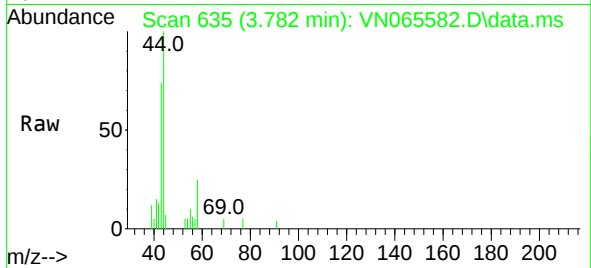




#16
Acetone
Concen: 5.75 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

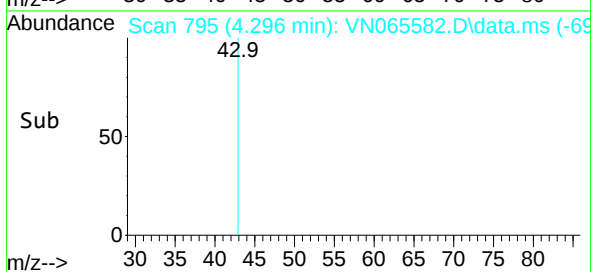
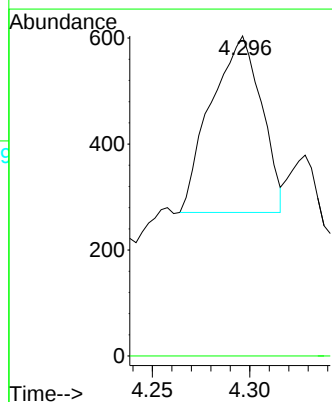
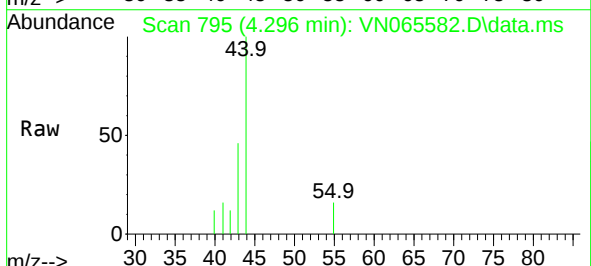
Instrument :
MSVOA_N
ClientSampled :

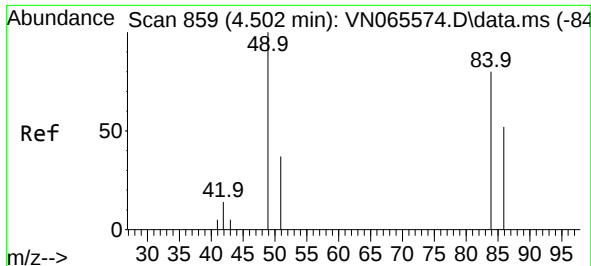
Tgt Ion: 43 Resp: 6070
Ion Ratio Lower Upper
43 100
58 41.4 27.0 40.6#



#18
Methyl Acetate
Concen: 0.20 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.013 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

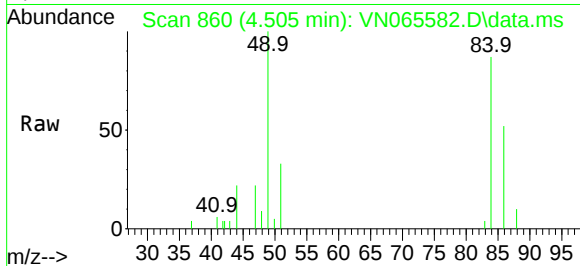
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



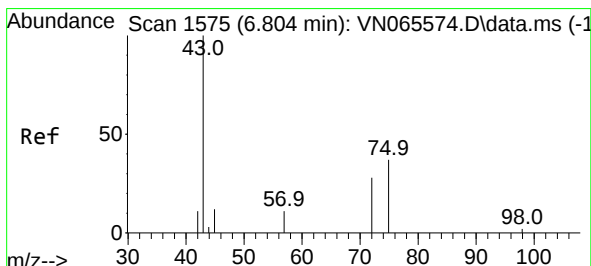
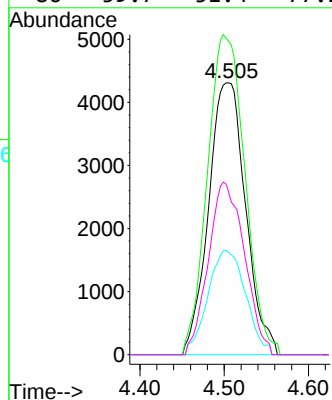
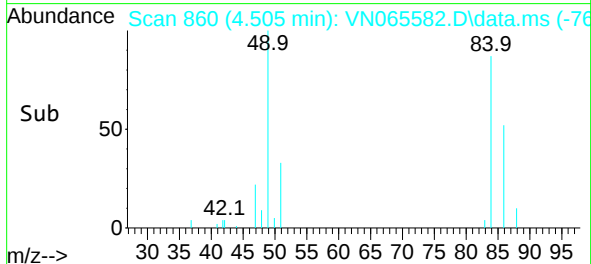


#20
Methylene Chloride
Concen: 4.51 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

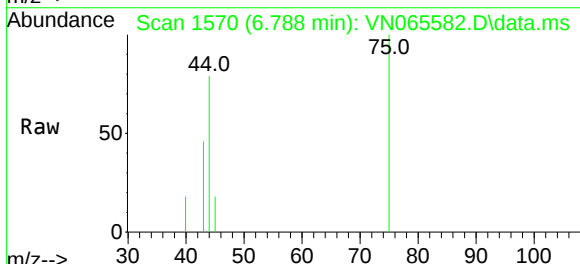
Instrument :
MSVOA_N
ClientSampled :



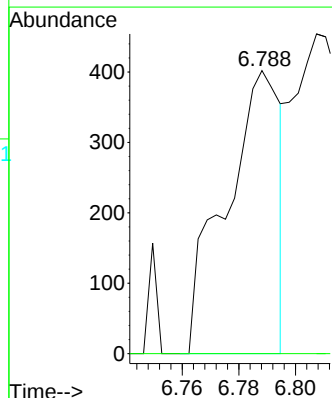
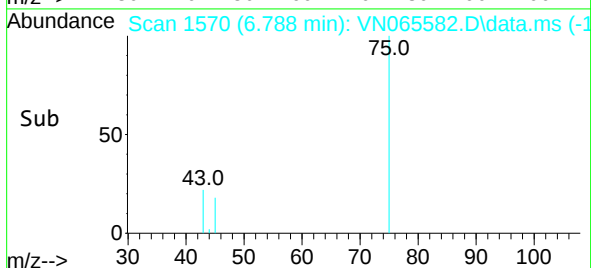
Tgt Ion: 84	Resp: 13174
Ion Ratio	Lower Upper
84	100
49	115.3 94.6 141.8
51	37.6 29.9 44.9
86	59.7 51.4 77.2

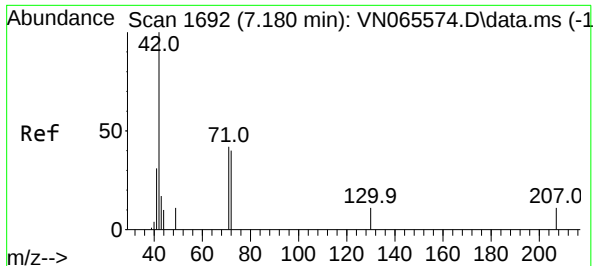


#25
2-Butanone
Concen: 0.32 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. -0.003 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22



Tgt Ion: 43	Resp: 535
Ion Ratio	Lower Upper
43	100
72	0.0 23.1 34.7#





#29

Tetrahydrofuran

Concen: 0.30 ug/l

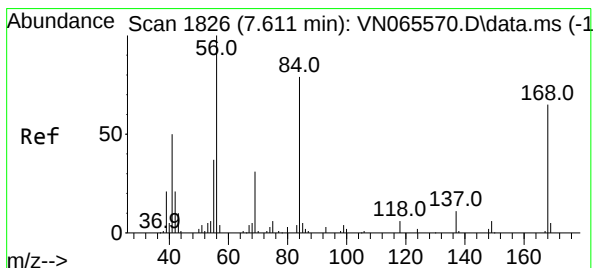
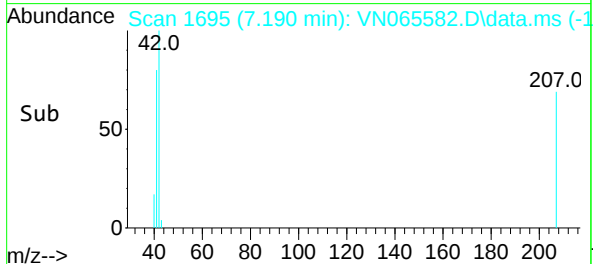
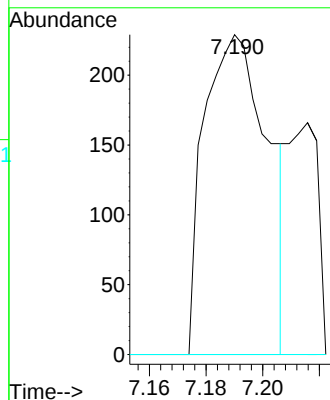
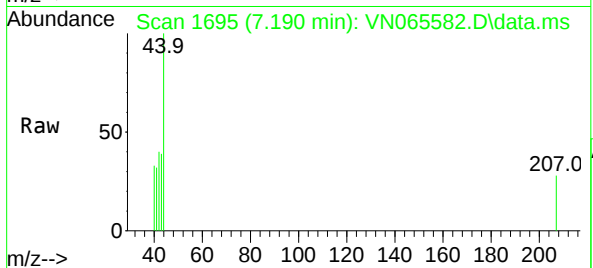
RT: 7.190 min Scan# 1695

Delta R.T. 0.019 min

Lab File: VN065582.D

Acq: 25 Jan 2021 17:22

Tgt Ion:	42	Resp:	355
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#



#31

Cyclohexane

Concen: 0.86 ug/l

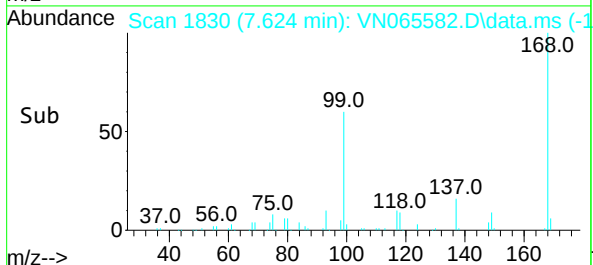
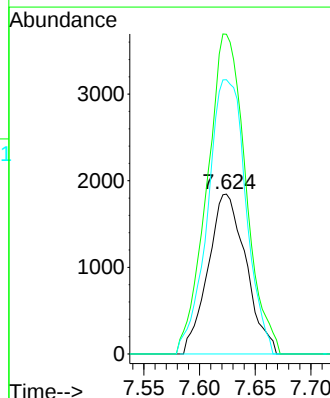
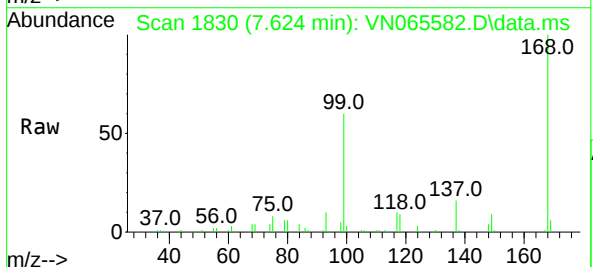
RT: 7.624 min Scan# 1830

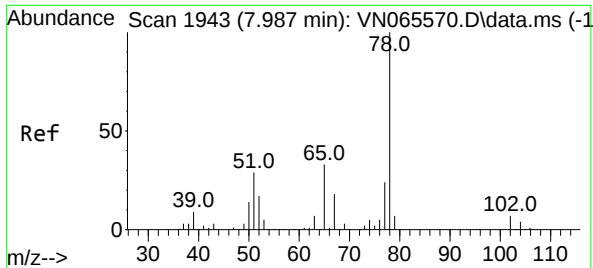
Delta R.T. 0.013 min

Lab File: VN065582.D

Acq: 25 Jan 2021 17:22

Tgt Ion:	56	Resp:	4370
Ion	Ratio	Lower	Upper
56	100		
69	199.9	26.6	39.8#
84	171.6	70.4	105.6#

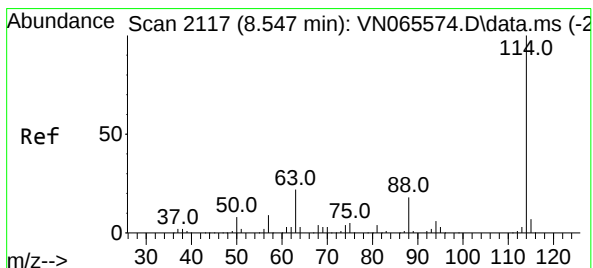
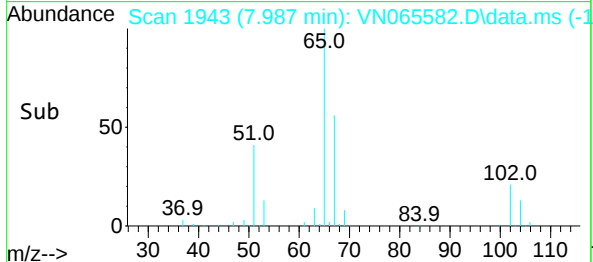
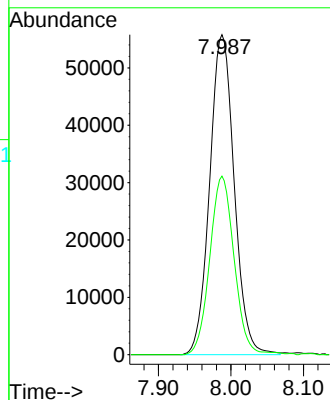
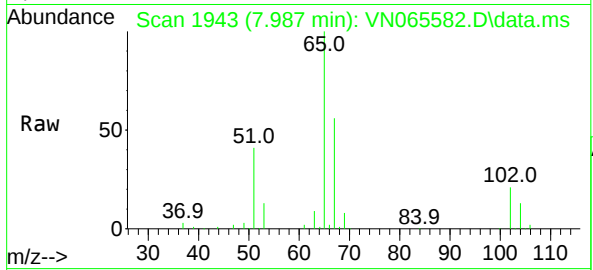




#33
1,2-Dichloroethane-d4
Concen: 48.44 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

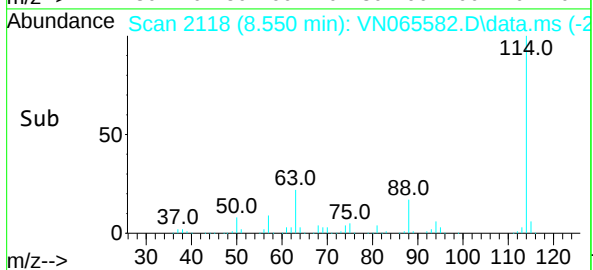
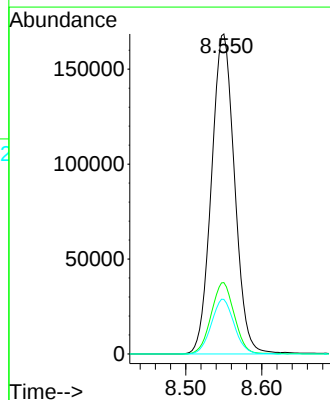
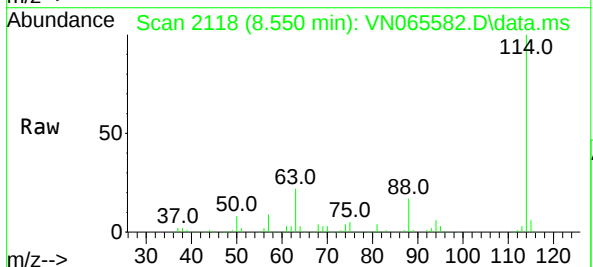
Instrument :
MSVOA_N
ClientSampled :

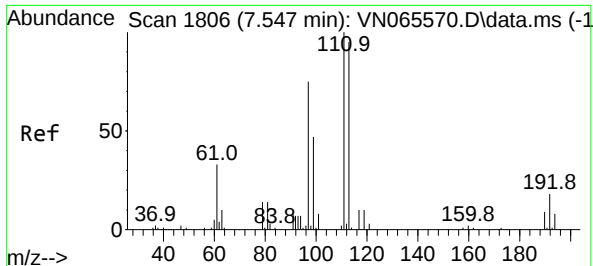
Tgt Ion: 65 Resp: 131257
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Tgt Ion: 114 Resp: 355320
Ion Ratio Lower Upper
114 100
63 22.3 0.0 38.6
88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.09 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065582.D

Acq: 25 Jan 2021 17:22

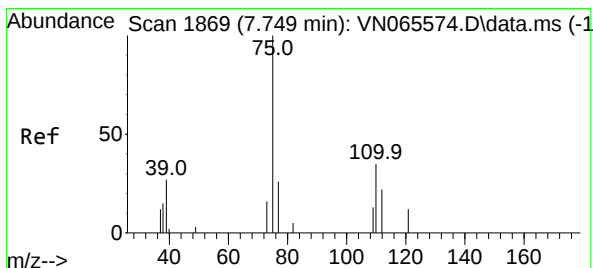
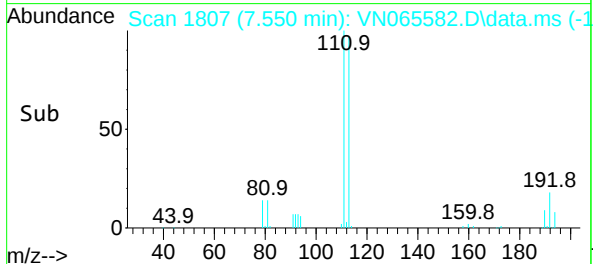
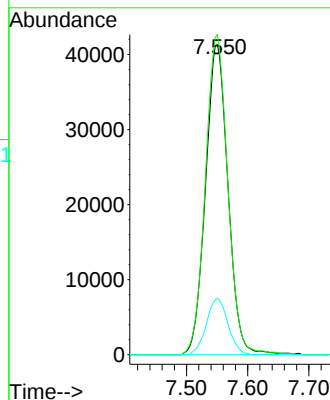
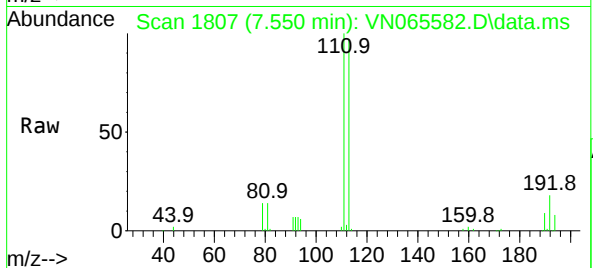
Tgt Ion:113 Resp: 105461

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.70 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.128 min

Lab File: VN065582.D

Acq: 25 Jan 2021 17:22

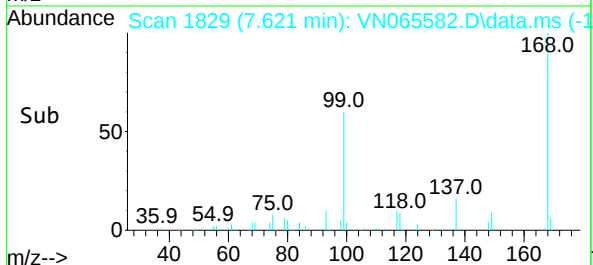
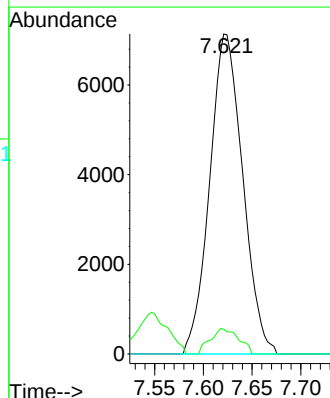
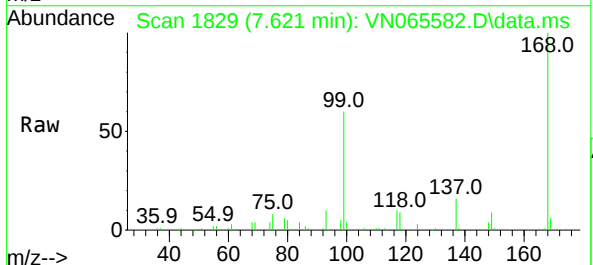
Tgt Ion: 75 Resp: 16814

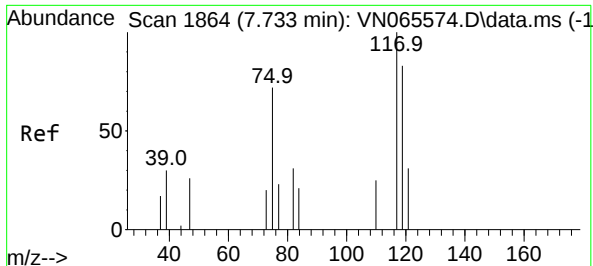
Ion Ratio Lower Upper

75 100

110 6.8 18.2 54.6#

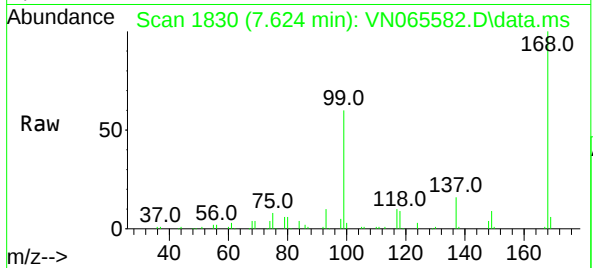
77 0.0 24.9 37.3#



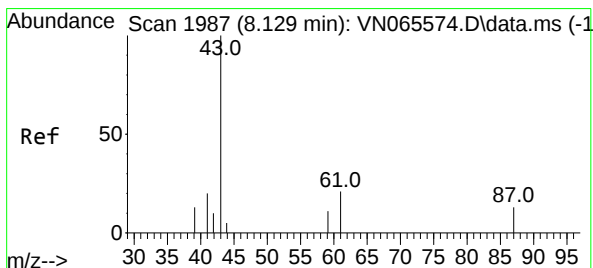
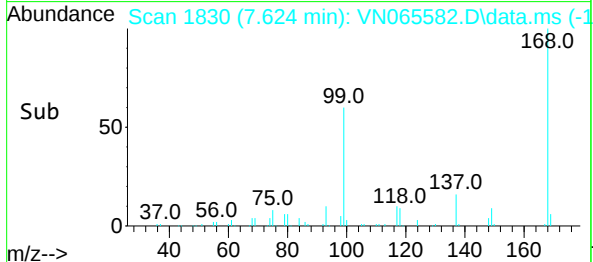
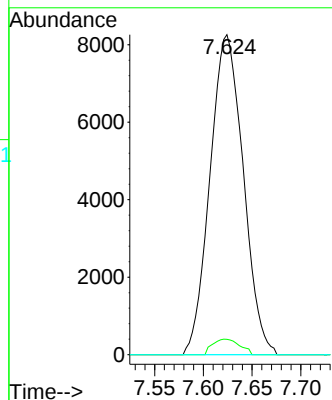


#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Instrument :
MSVOA_N
ClientSampled :

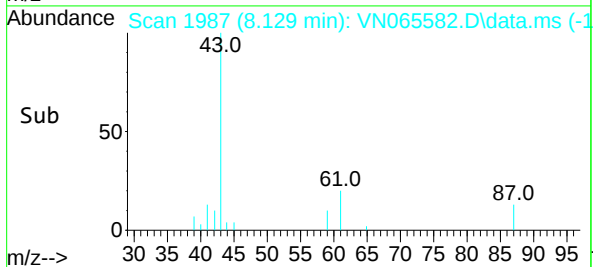
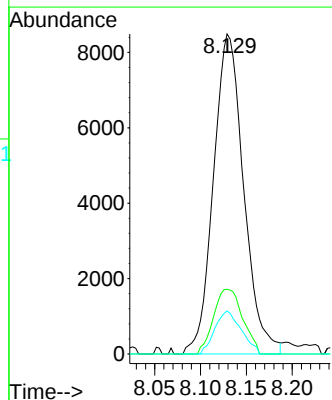
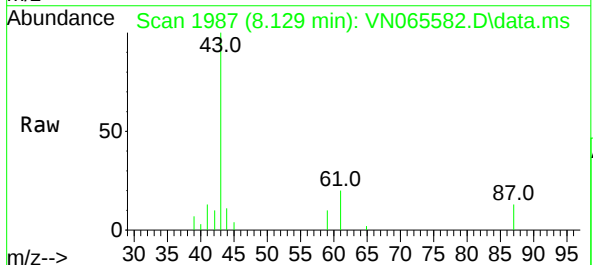


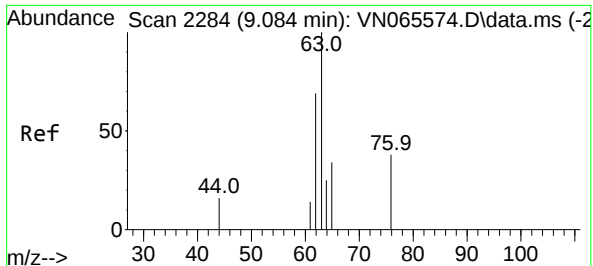
Tgt Ion:117 Resp: 19627
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 3.20 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Tgt Ion: 43 Resp: 19470
Ion Ratio Lower Upper
43 100
61 19.4 22.5 33.7#
87 11.7 11.1 16.7

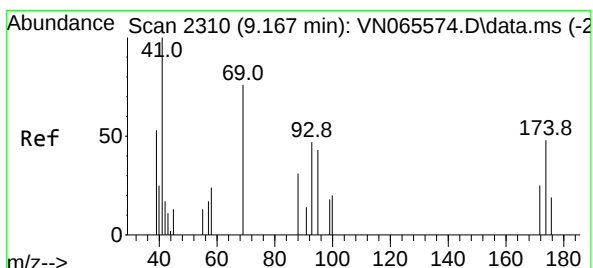
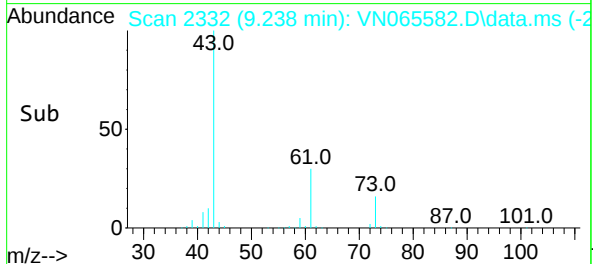
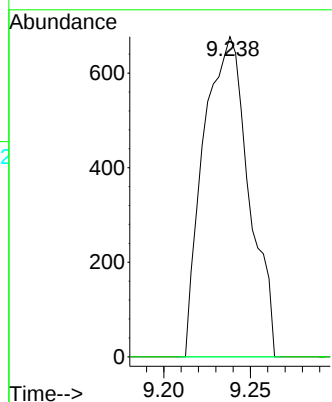
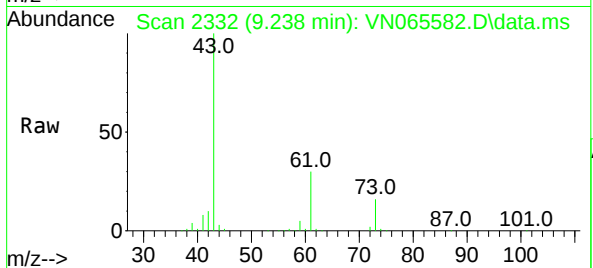




#45
1,2-Dichloropropane
Concen: 0.41 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

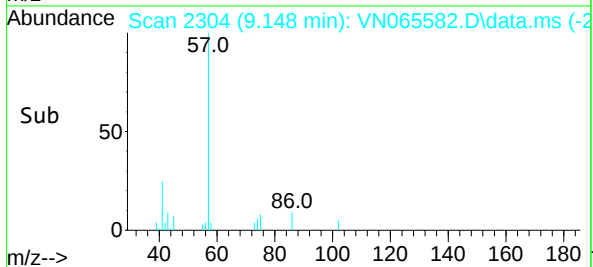
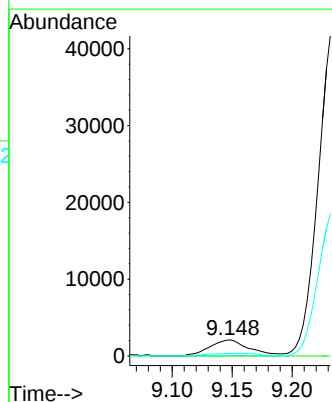
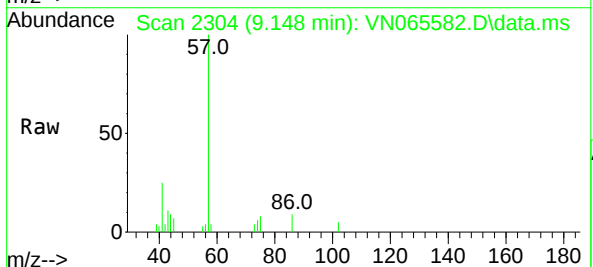
Instrument :
MSVOA_N
ClientSampled :

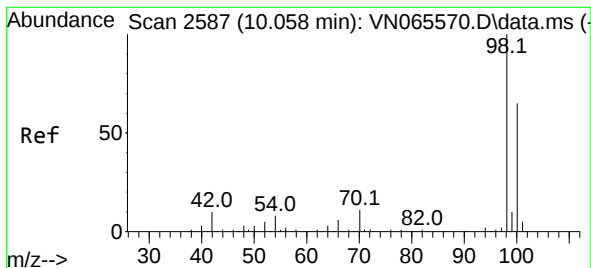
Tgt Ion: 63 Resp: 1232
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.65 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Tgt Ion: 41 Resp: 4771
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

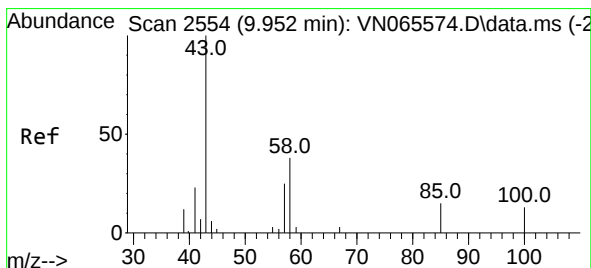
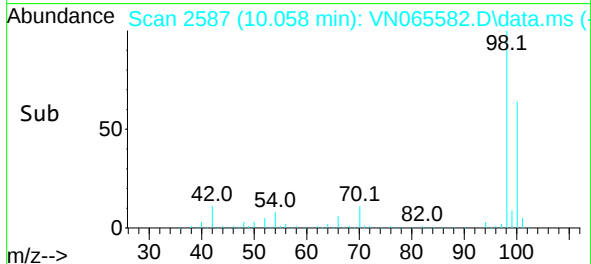
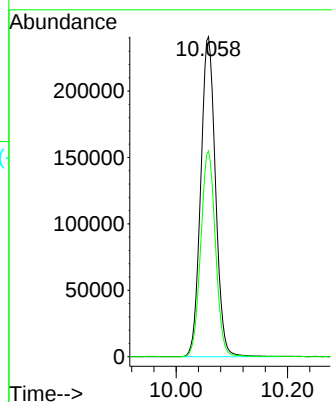
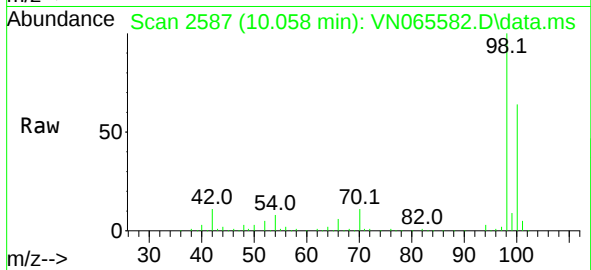




#50
Toluene-d8
Concen: 53.63 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

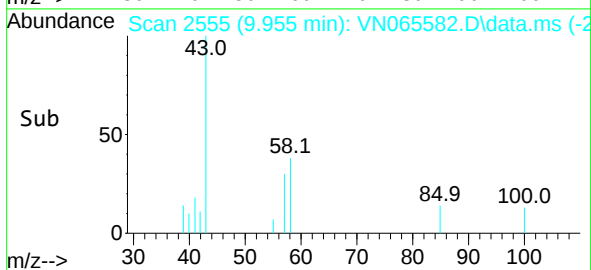
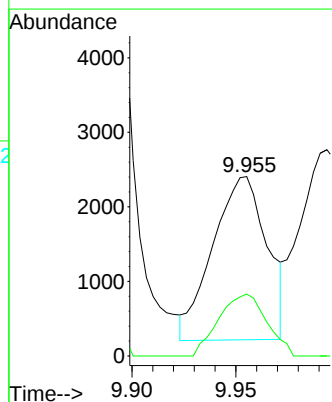
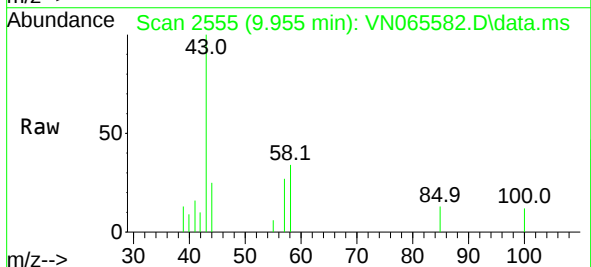
Instrument :
MSVOA_N
ClientSampled :

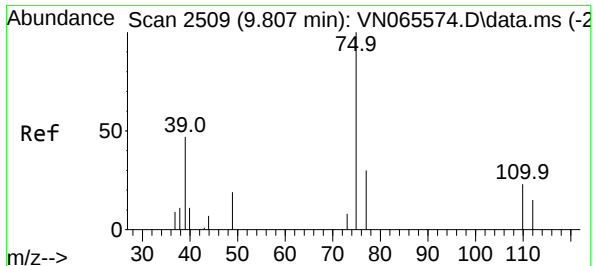
Tgt Ion: 98 Resp: 443866
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.18 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Tgt Ion: 43 Resp: 3963
Ion Ratio Lower Upper
43 100
58 33.6 32.5 48.7

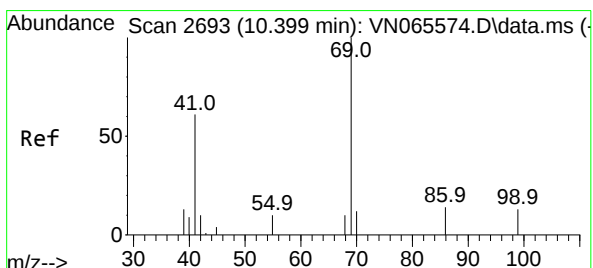
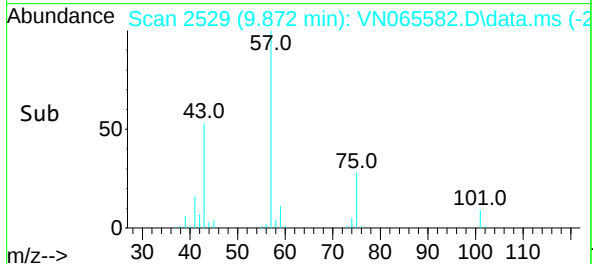
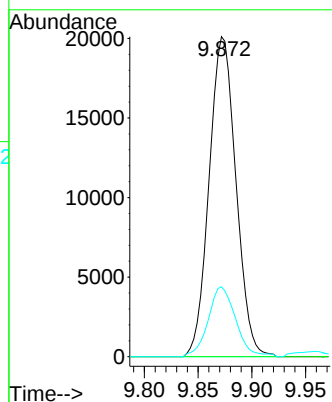
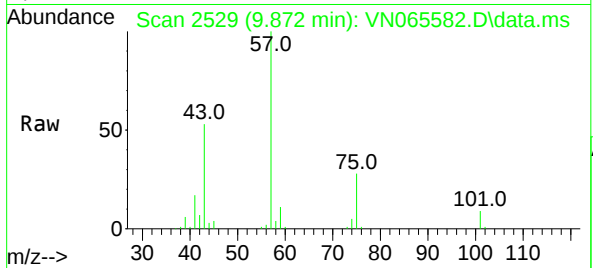




#54
cis-1,3-Dichloropropene
Concen: 7.57 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

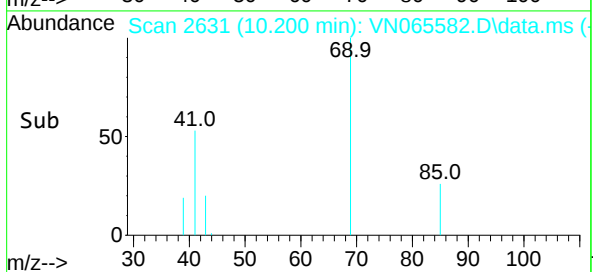
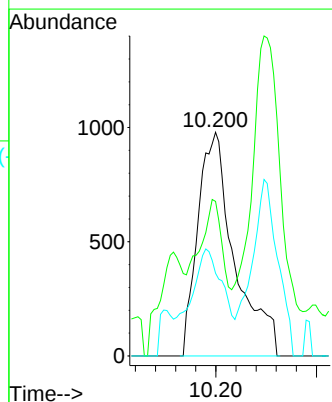
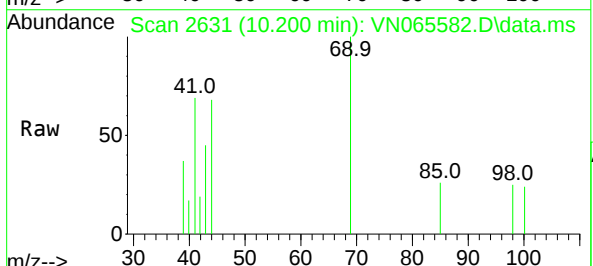
Instrument :
MSVOA_N
ClientSampled :

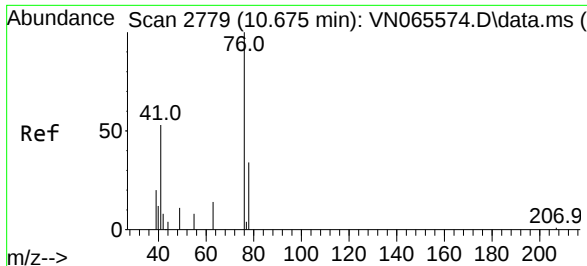
Tgt Ion: 75 Resp: 34967
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 21.8 36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.61 ug/l
RT: 10.200 min Scan# 2631
Delta R.T. -0.199 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Tgt Ion: 69 Resp: 2474
Ion Ratio Lower Upper
69 100
41 32.9 49.6 74.4#
39 39.7 28.0 42.0

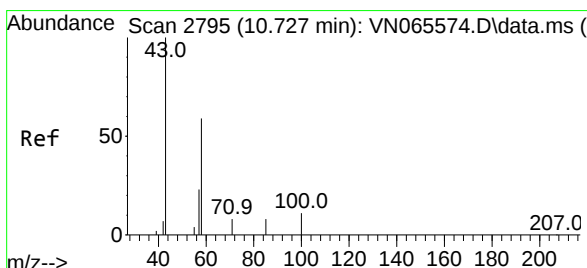
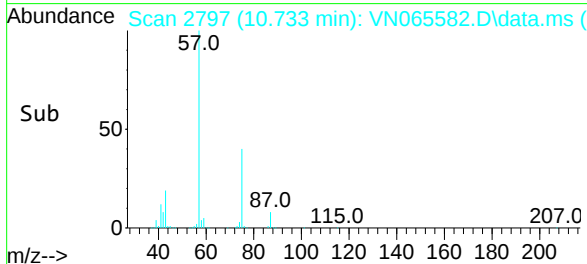
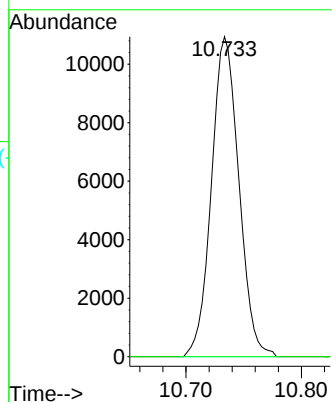
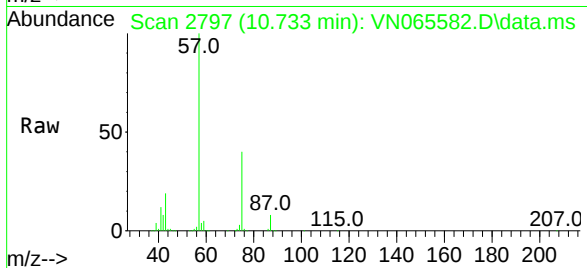




#57
1,3-Dichloropropane
Concen: 4.15 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

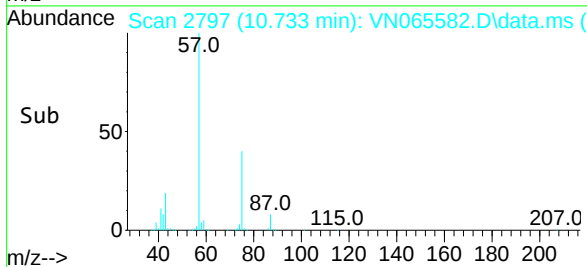
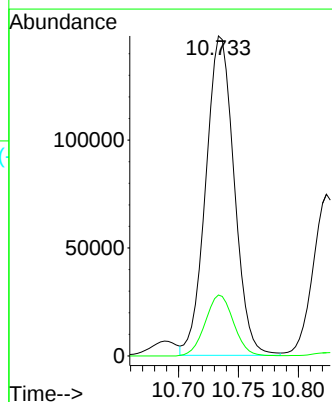
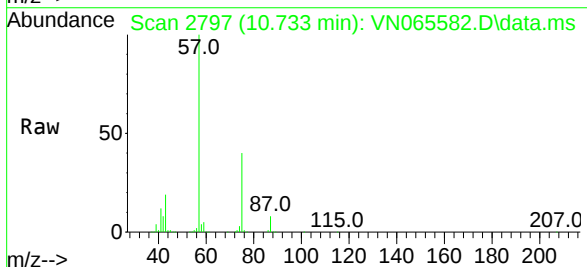
Instrument :
MSVOA_N
ClientSampled :

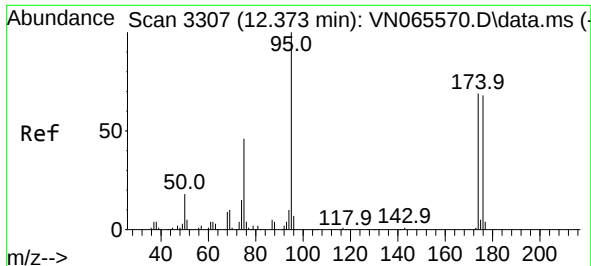
Tgt Ion: 76 Resp: 18036
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 104.64 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Tgt Ion: 43 Resp: 243598
Ion Ratio Lower Upper
43 100
58 19.1 28.1 84.3#

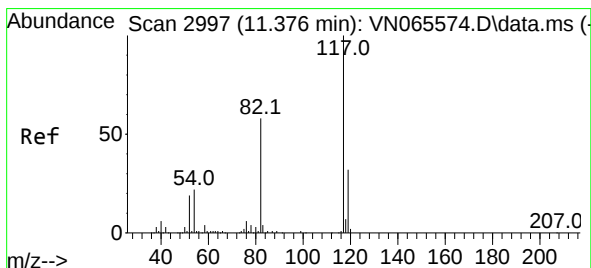
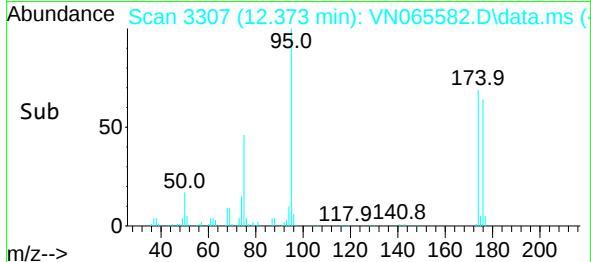
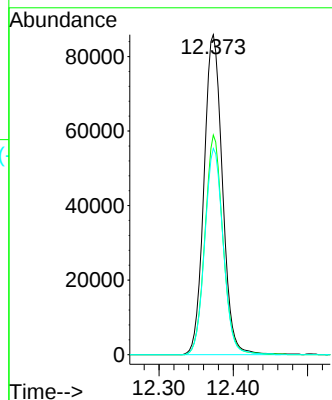
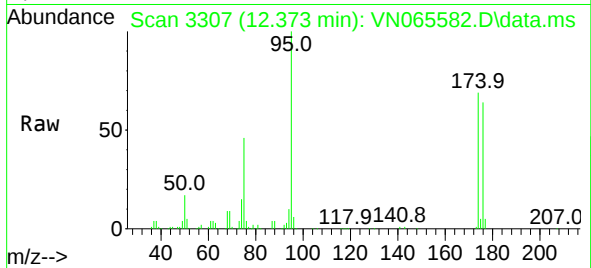




#62
4-Bromofluorobenzene
Concen: 49.55 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

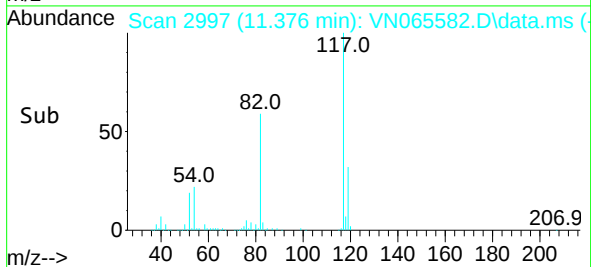
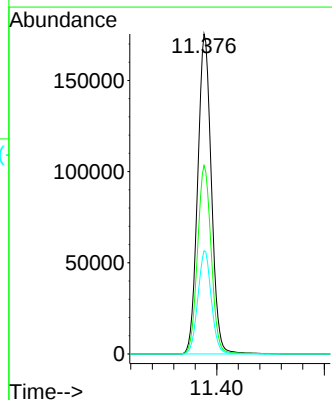
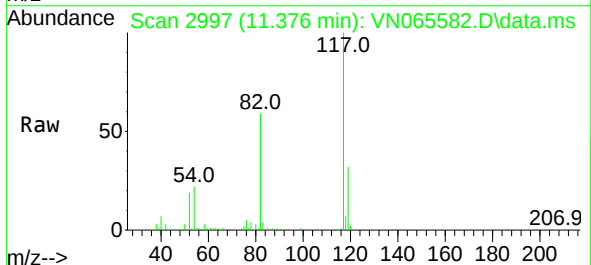
Instrument :
MSVOA_N
ClientSampled :

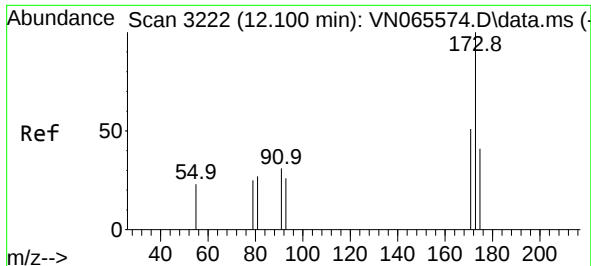
Tgt Ion: 95 Resp: 147695
Ion Ratio Lower Upper
95 100
174 67.2 0.0 169.0
176 64.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

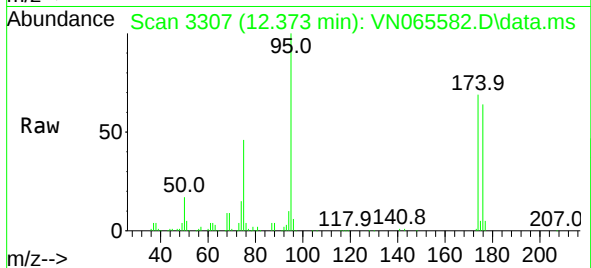
Tgt Ion: 117 Resp: 309203
Ion Ratio Lower Upper
117 100
82 58.9 43.7 65.5
119 32.2 26.1 39.1



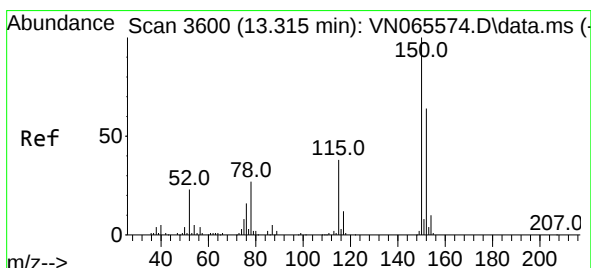
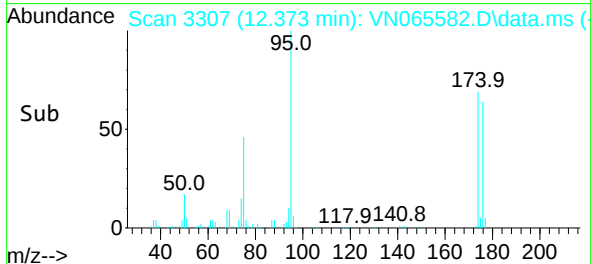
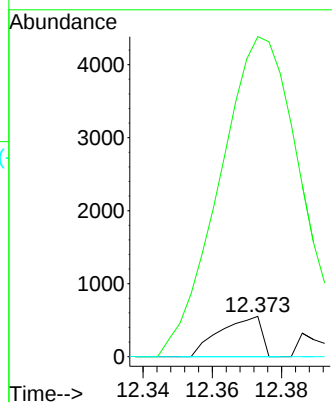


#71
Bromoform
Concen: 0.29 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Instrument :
MSVOA_N
ClientSampled :

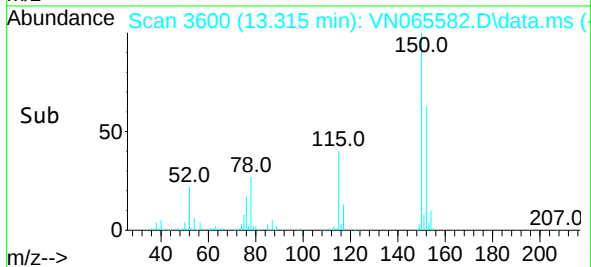
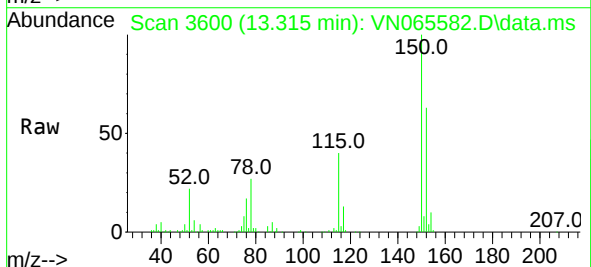
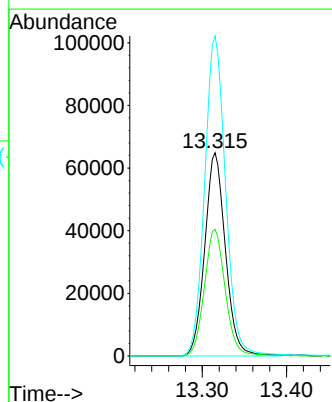


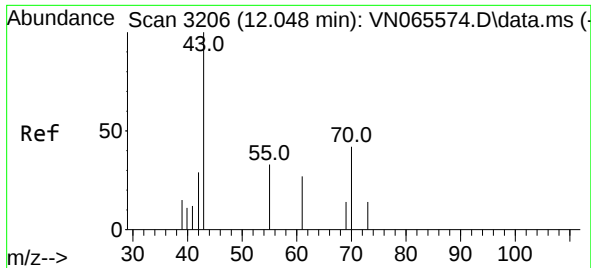
Tgt Ion:173 Resp: 459
Ion Ratio Lower Upper
173 100
175 1304.8 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

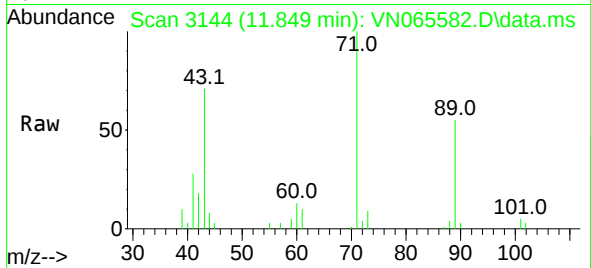
Tgt Ion:152 Resp: 110913
Ion Ratio Lower Upper
152 100
115 62.9 28.5 85.6
150 159.7 0.0 347.6



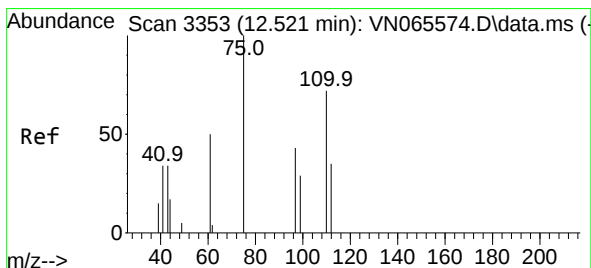
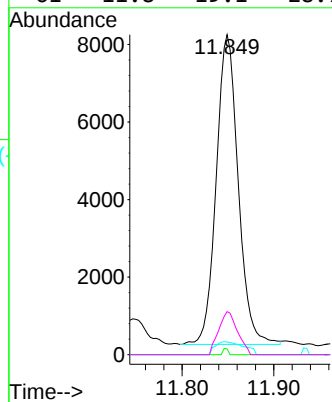
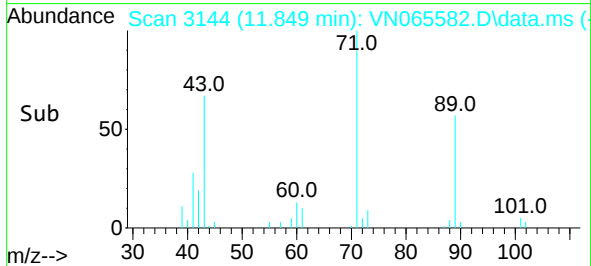


#74
N-amy1 acetate
Concen: 3.24 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.190 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

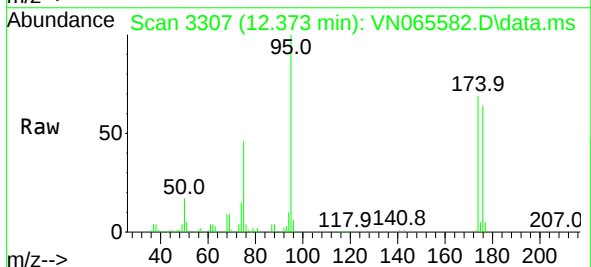
Instrument :
MSVOA_N
ClientSampleId :



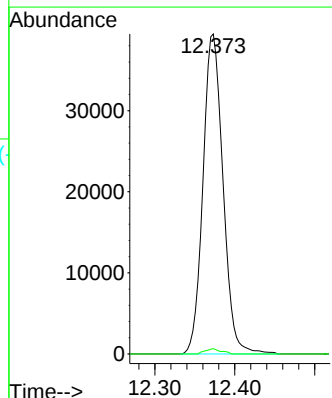
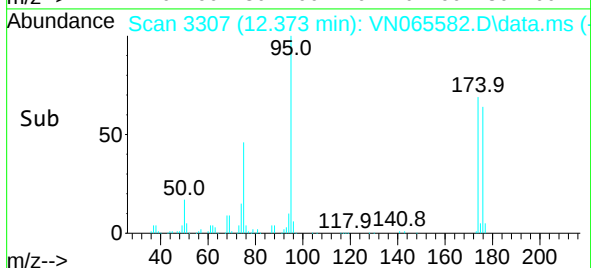
Tgt Ion: 43	Resp: 13302
Ion Ratio	Lower Upper
43	100
70	0.5 34.4 51.6#
55	5.4 20.7 31.1#
61	11.8 19.1 28.7#

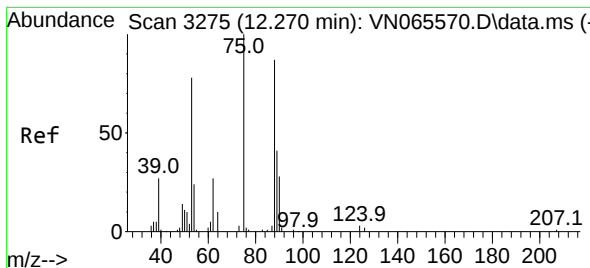


#76
1,2,3-Trichloropropane
Concen: 23.74 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22



Tgt Ion: 75	Resp: 68848
Ion Ratio	Lower Upper
75	100
77	1.3 0.0 0.0#

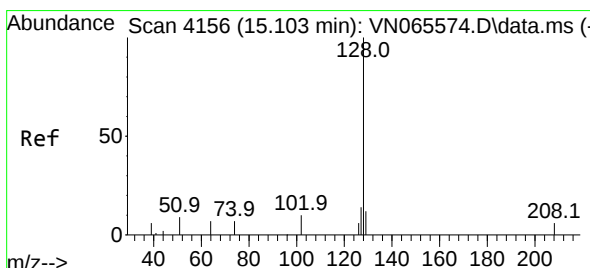
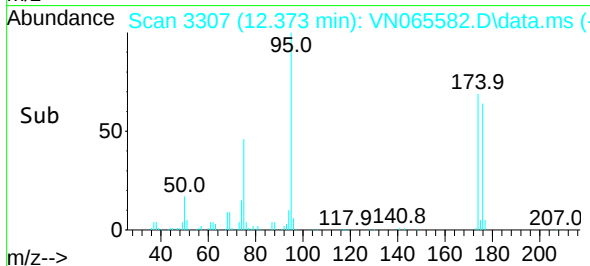
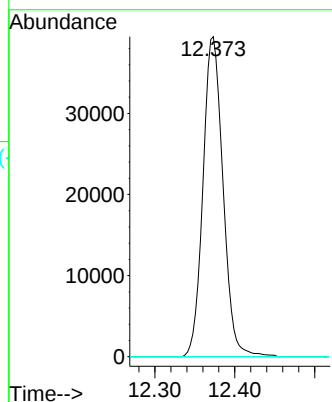
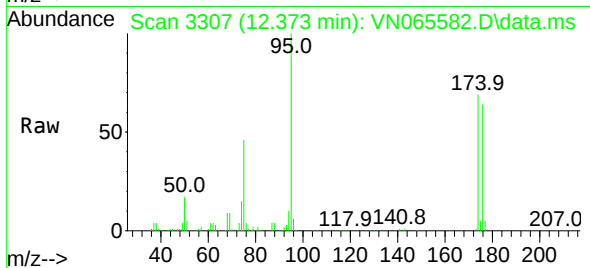




#81
trans-1,4-Dichloro-2-butene
Concen: 60.80 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 68848
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: 15.116 min Scan# 4160
Delta R.T. 0.016 min
Lab File: VN065582.D
Acq: 25 Jan 2021 17:22

Tgt Ion:128 Resp: 145
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

