

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
 Data File : VN065331.D
 Acq On : 30 Dec 2020 19:40
 Operator : JC/MD
 Sample : PB133547ZHE#10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 03:06:04 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

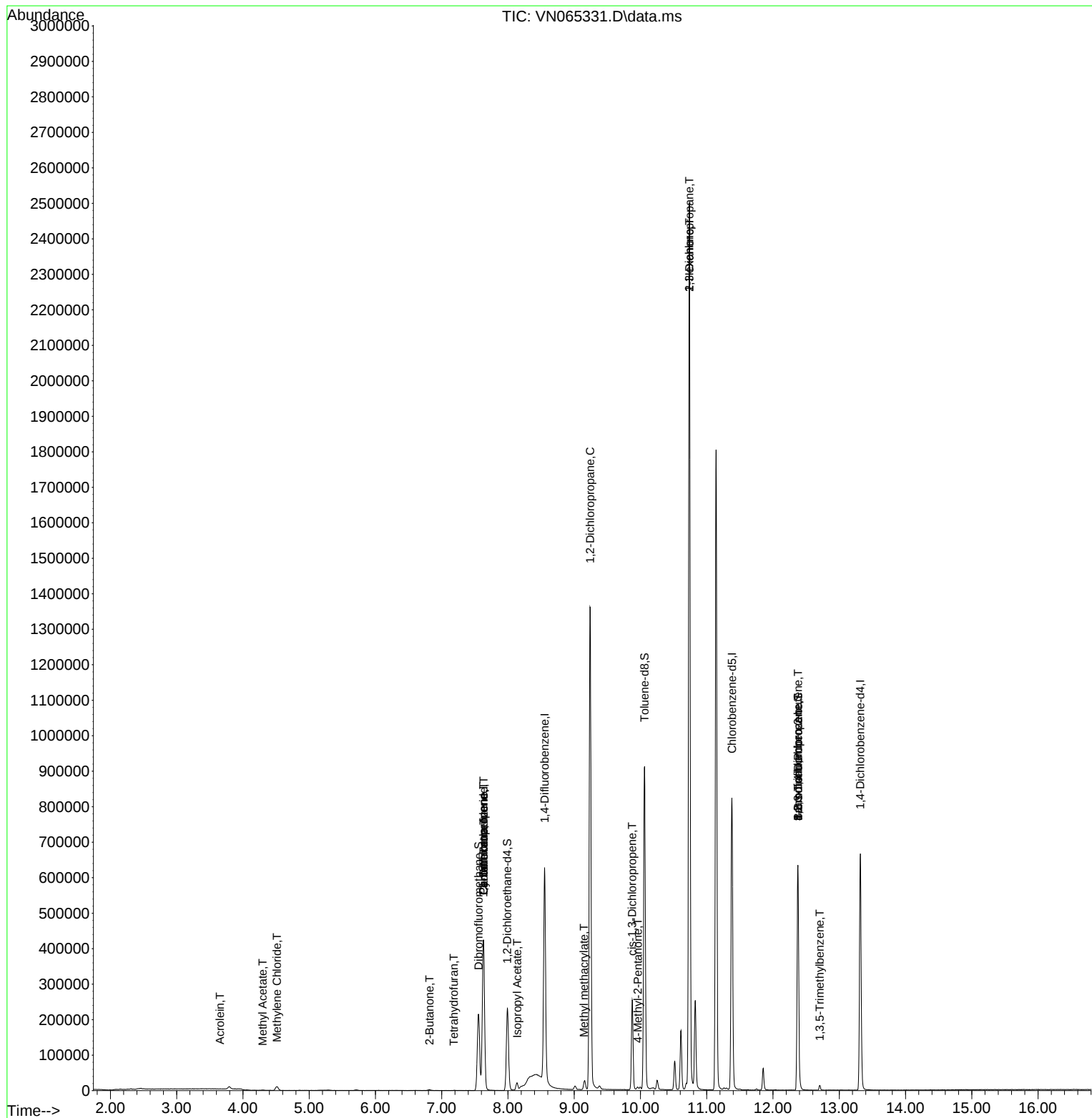
Internal Standards						
1) Pentafluorobenzene	7.631	168	383680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	560051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	513284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	206401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	201598	46.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.08%		
35) Dibromofluoromethane	7.557	113	169021	50.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.04%		
50) Toluene-d8	10.061	98	666978	52.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.34%		
62) 4-Bromofluorobenzene	12.376	95	224086	45.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.56%		
Target Compounds					Qvalue	
13) Acrolein	3.653	56	30	2.47	ug/l #	68
16) Acetone	3.795	43	11230	Below Cal		95
18) Methyl Acetate	4.296	43	2543	0.65	ug/l #	50
20) Methylene Chloride	4.515	84	8856	2.10	ug/l	90
25) 2-Butanone	6.817	43	2520	1.04	ug/l	94
29) Tetrahydrofuran	7.184	42	353	0.22	ug/l #	32
31) Cyclohexane	7.631	56	6630	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	24682	4.85	ug/l #	50
38) Carbon Tetrachloride	7.631	117	32870	6.15	ug/l #	16
43) Isopropyl Acetate	8.139	43	26265	3.02	ug/l	95
45) 1,2-Dichloropropane	9.241	63	1653	0.42	ug/l #	43
48) Methyl methacrylate	9.148	41	6545	1.55	ug/l #	12
51) 4-Methyl-2-Pentanone	9.958	43	5296	1.08	ug/l	96
54) cis-1,3-Dichloropropene	9.875	75	47886	7.09	ug/l #	60
57) 1,3-Dichloropropane	10.737	76	26197	4.20	ug/l #	42
59) 2-Hexanone	10.737	43	356048	99.02	ug/l #	49
71) Bromoform	12.376	173	1336	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	107894	25.62	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.708	105	7270	0.54	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.376	75	107894	64.61	ug/l #	15

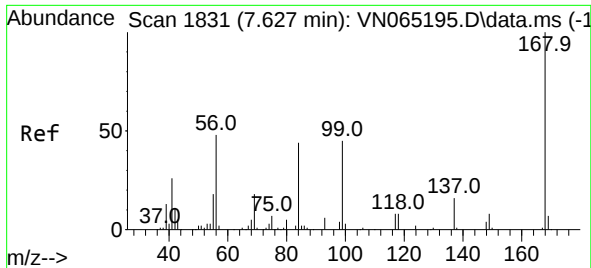
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 31 03:06:04 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

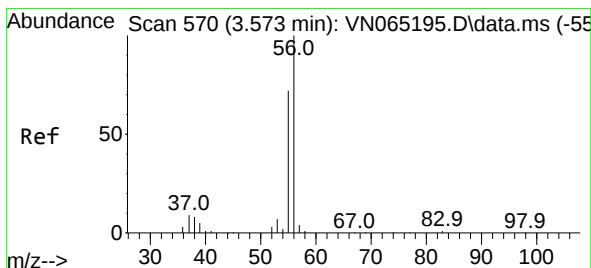
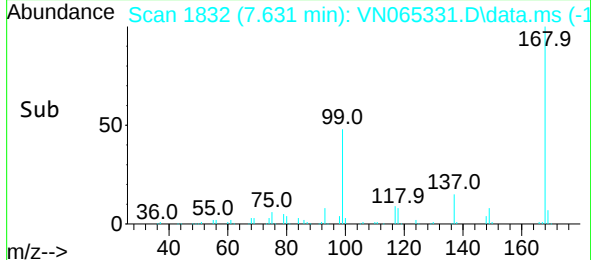
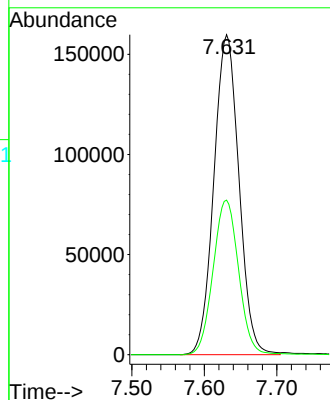
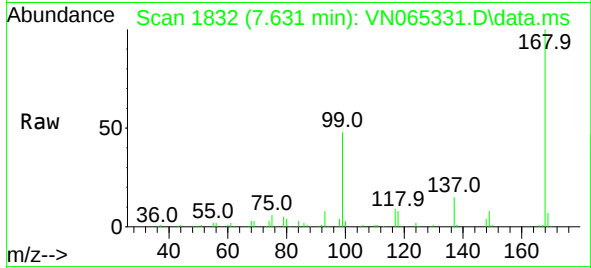




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

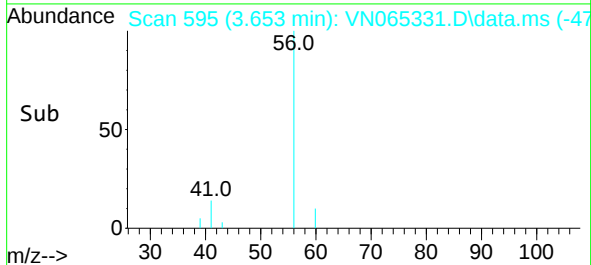
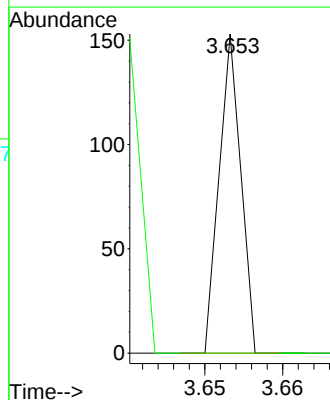
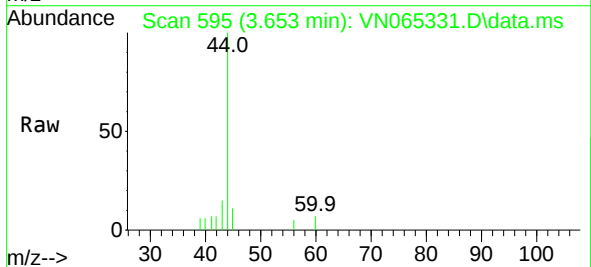
Instrument :
MSVOA_N
ClientSampleId :

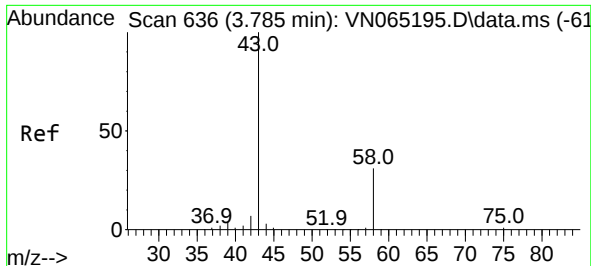
Tgt Ion:168 Resp: 383680
Ion Ratio Lower Upper
168 100
99 48.3 43.0 64.4



#13
Acrolein
Concen: 2.47 ug/l
RT: 3.653 min Scan# 595
Delta R.T. 0.080 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 96.7 56.5 84.7#

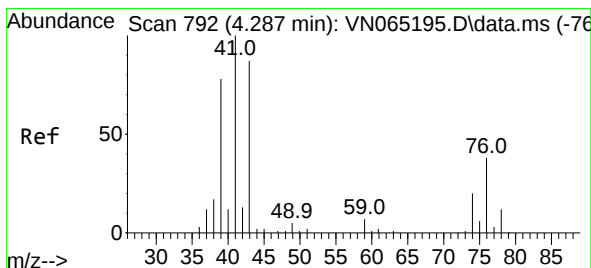
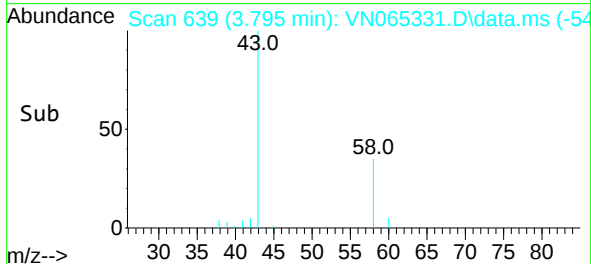
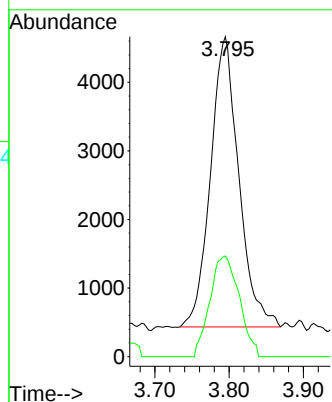
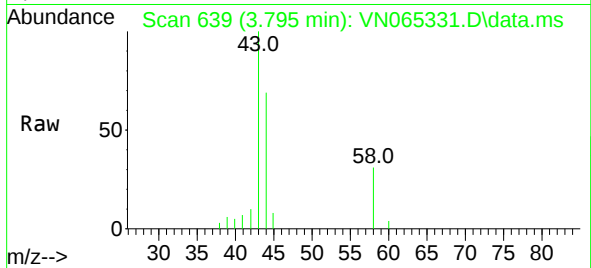




#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

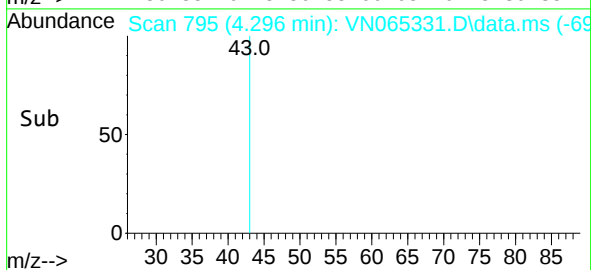
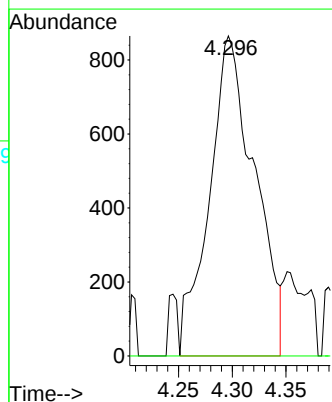
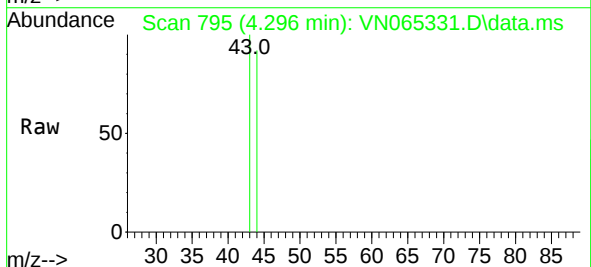
Instrument :
MSVOA_N
ClientSampled :

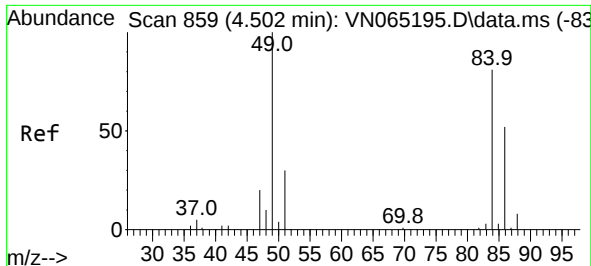
Tgt Ion: 43 Resp: 11230
Ion Ratio Lower Upper
43 100
58 34.7 25.7 38.5



#18
Methyl Acetate
Concen: 0.65 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

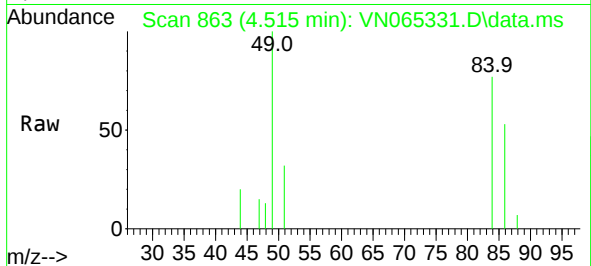
Tgt Ion: 43 Resp: 2543
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



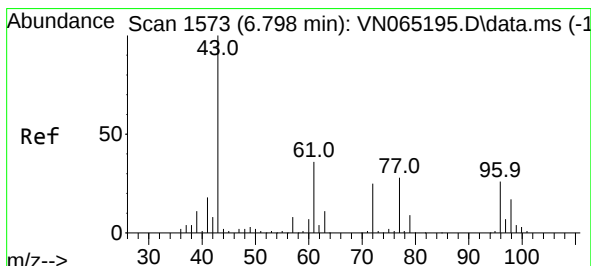
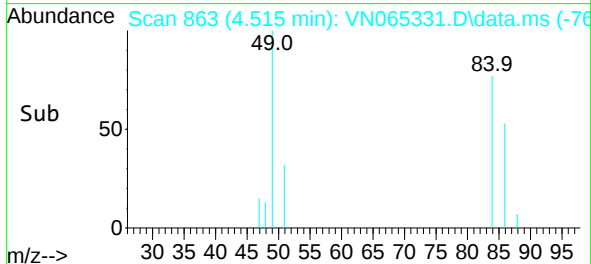
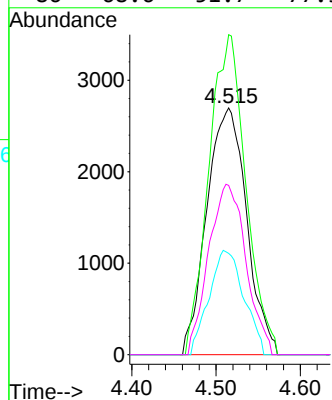


#20
Methylene Chloride
Concen: 2.10 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Instrument :
MSVOA_N
ClientSampled :

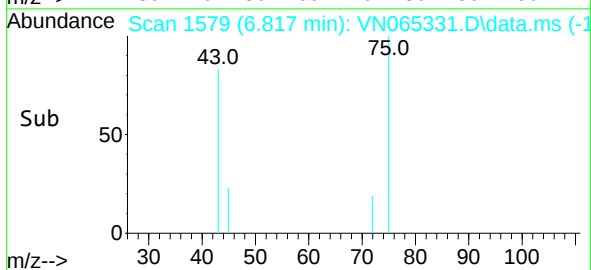
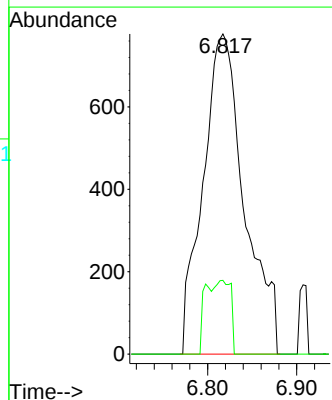
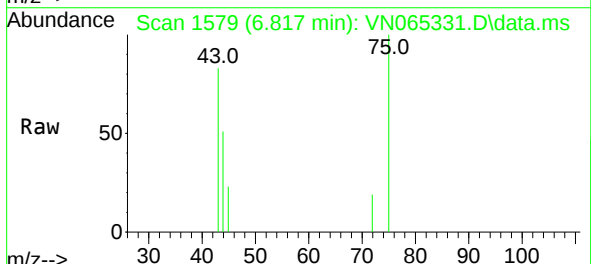


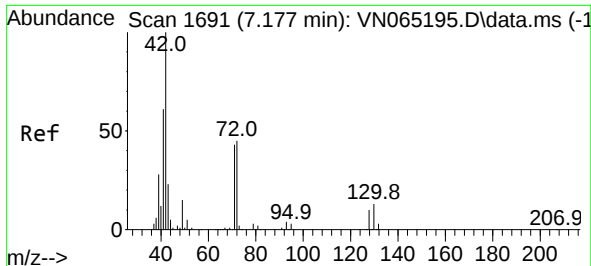
Tgt Ion:	84	Resp:	8856
Ion	Ratio	Lower	Upper
84	100		
49	129.7	93.4	140.0
51	41.0	28.2	42.4
86	68.6	51.7	77.5



#25
2-Butanone
Concen: 1.04 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. 0.019 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Tgt Ion:	43	Resp:	2520
Ion	Ratio	Lower	Upper
43	100		
72	23.0	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 7.184 min Scan# 1693

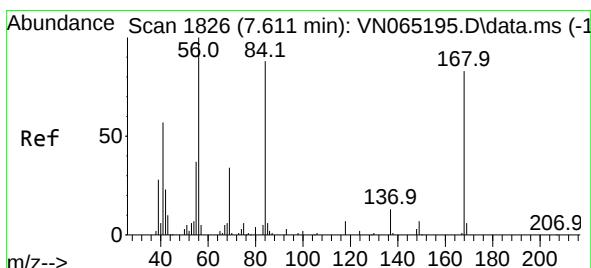
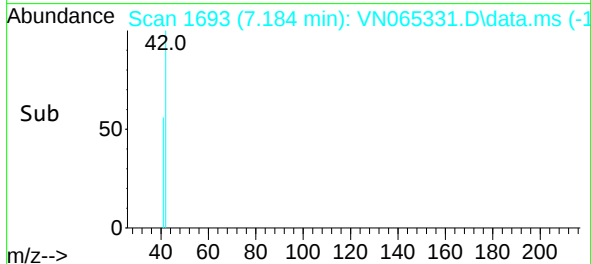
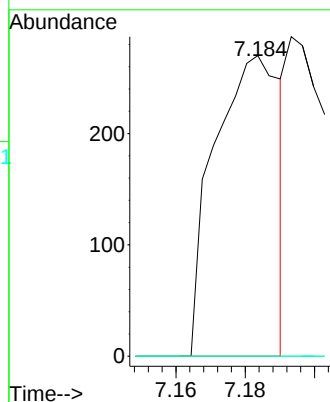
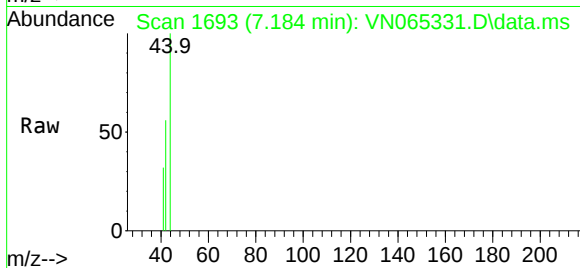
Delta R.T. 0.007 min

Lab File: VN065331.D

Acq: 30 Dec 2020 19:40

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 42	Resp:	353
Ion	Ratio	Lower Upper
42	100	
72	0.0	36.6 54.8#
71	0.0	33.6 50.4#



#31

Cyclohexane

Concen: 1.04 ug/l

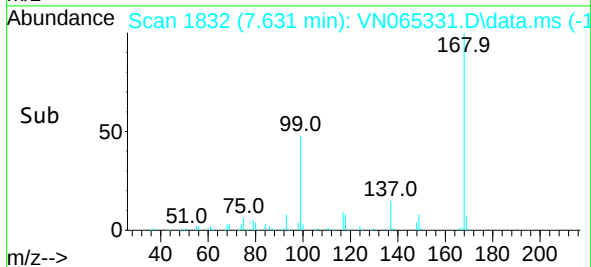
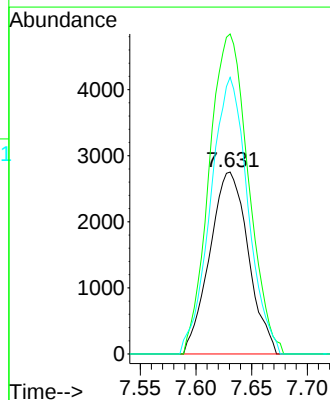
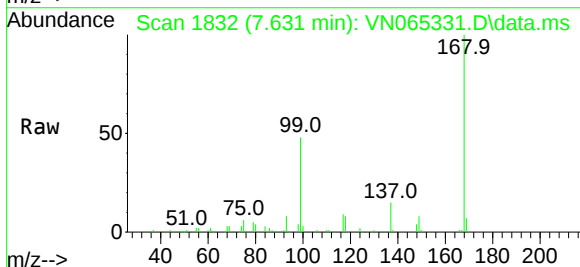
RT: 7.631 min Scan# 1832

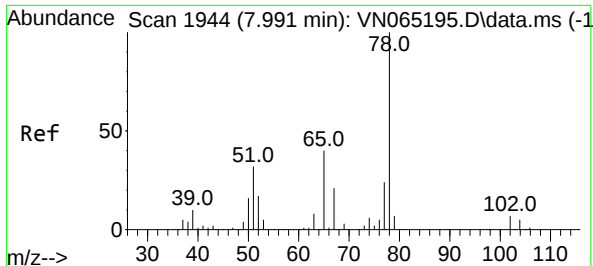
Delta R.T. 0.020 min

Lab File: VN065331.D

Acq: 30 Dec 2020 19:40

Tgt Ion: 56	Resp:	6630
Ion	Ratio	Lower Upper
56	100	
69	175.9	27.5 41.3#
84	152.1	73.9 110.9#

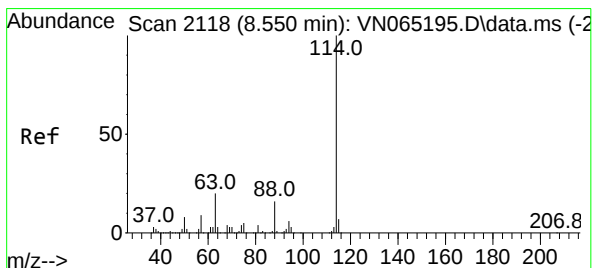
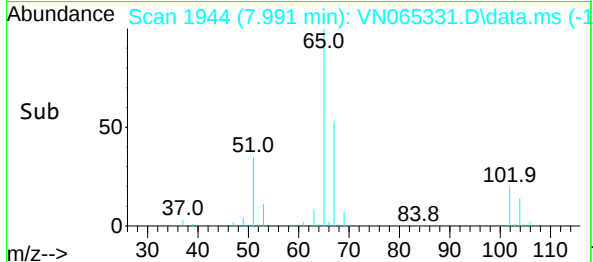
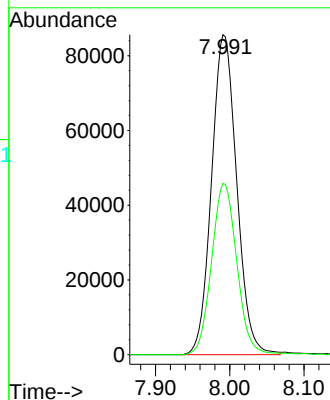
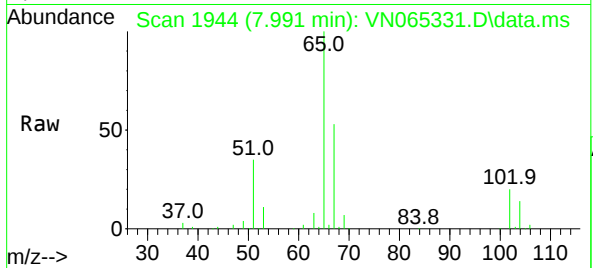




#33
1,2-Dichloroethane-d4
Concen: 46.54 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

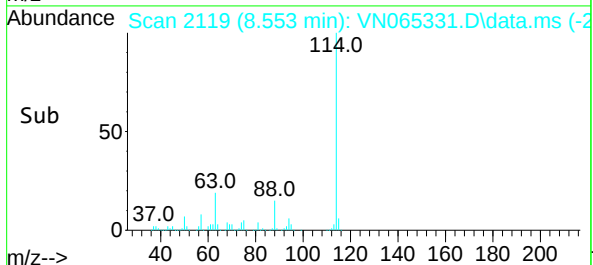
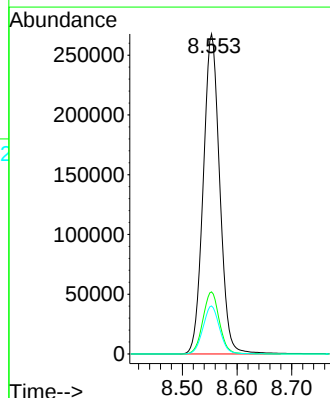
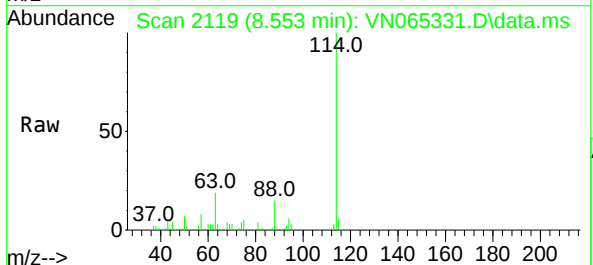
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 201598
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Tgt Ion: 114 Resp: 560051
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.0 0.0 32.6

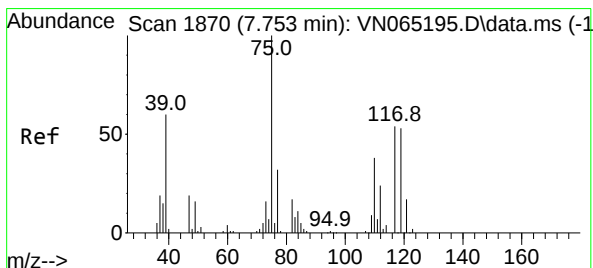
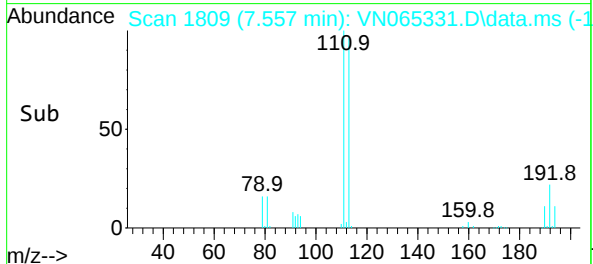
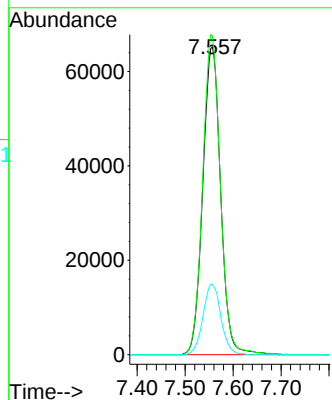
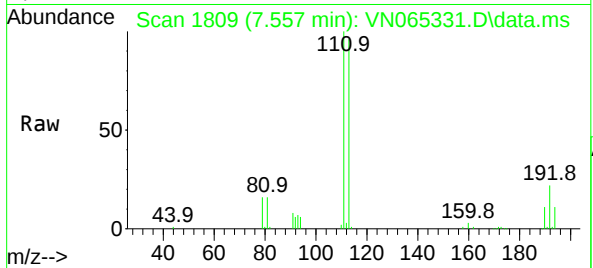




#35
Dibromofluoromethane
Concen: 50.02 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

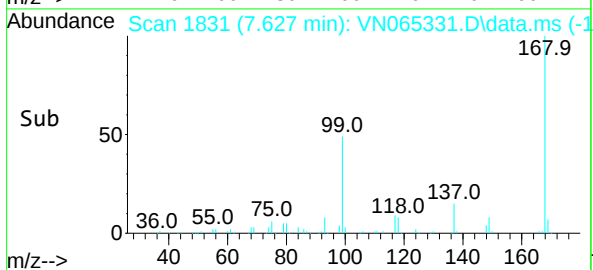
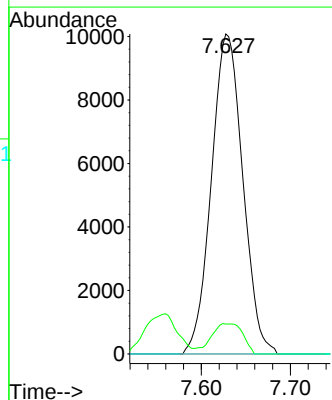
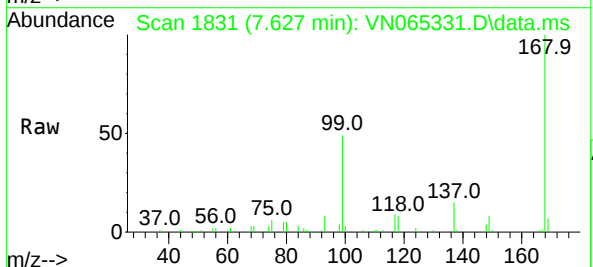
Instrument :
MSVOA_N
ClientSampled :

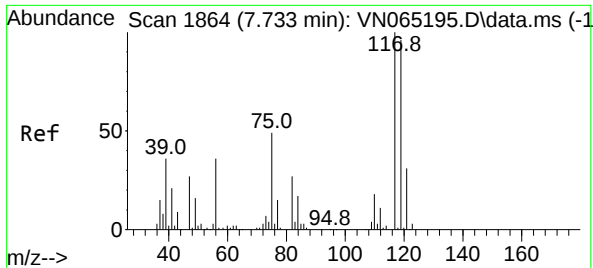
Tgt Ion:113 Resp: 169021
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 22.9 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

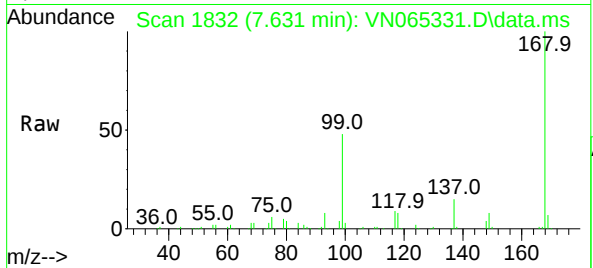
Tgt Ion: 75 Resp: 24682
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.3#
77 0.0 25.0 37.4#



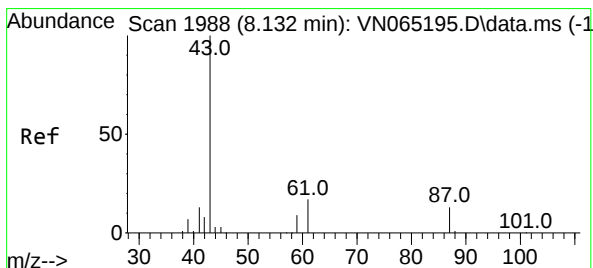
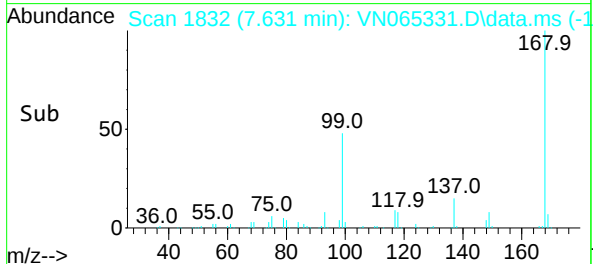
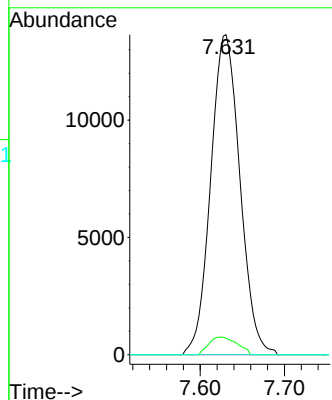


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Instrument :
MSVOA_N
ClientSampleId :

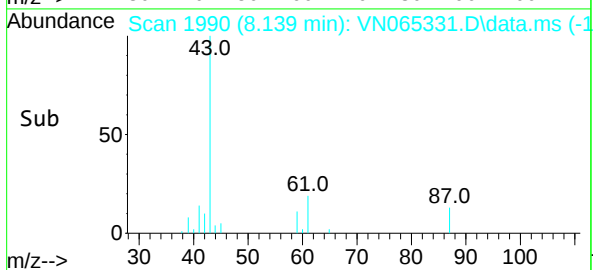
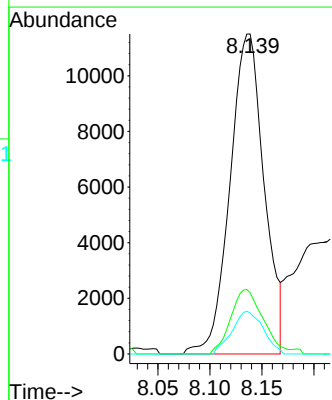
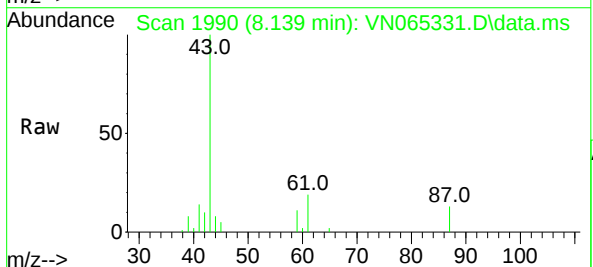


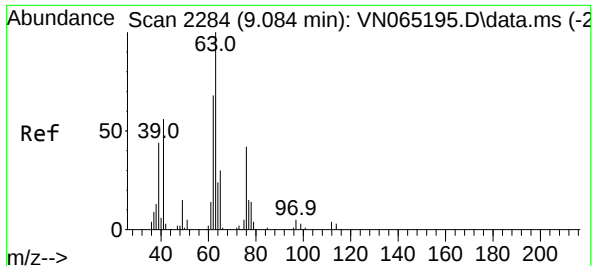
Tgt Ion:117 Resp: 32870
Ion Ratio Lower Upper
117 100
119 5.2 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 3.02 ug/l
RT: 8.139 min Scan# 1990
Delta R.T. 0.007 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Tgt Ion: 43 Resp: 26265
Ion Ratio Lower Upper
43 100
61 19.1 17.2 25.8
87 12.2 11.4 17.0





#45

1,2-Dichloropropane

Concen: 0.42 ug/l

RT: 9.241 min Scan# 2333

Delta R.T. 0.157 min

Lab File: VN065331.D

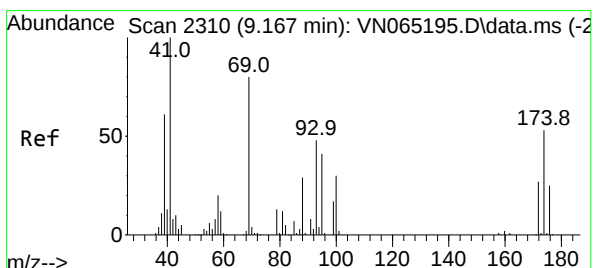
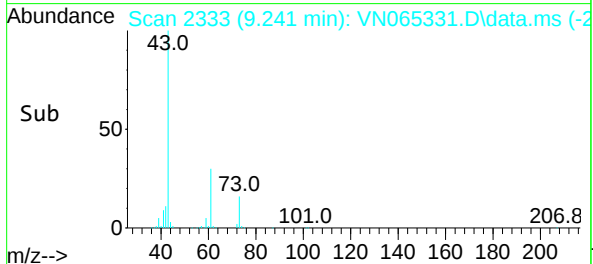
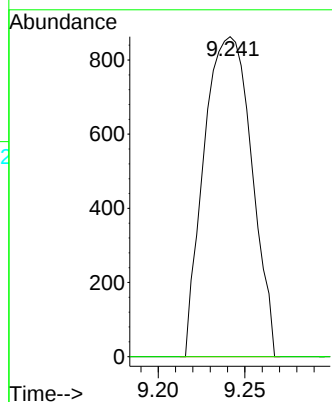
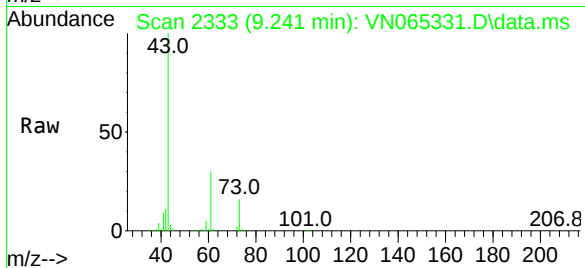
Acq: 30 Dec 2020 19:40

Tgt Ion: 63 Resp: 1653

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



#48

Methyl methacrylate

Concen: 1.55 ug/l

RT: 9.148 min Scan# 2304

Delta R.T. -0.019 min

Lab File: VN065331.D

Acq: 30 Dec 2020 19:40

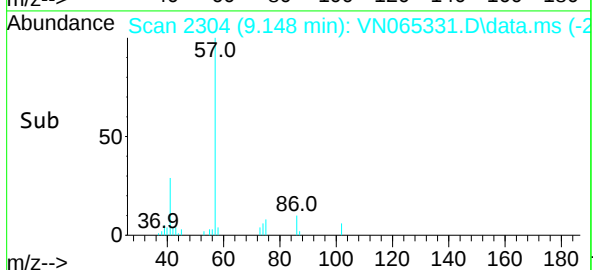
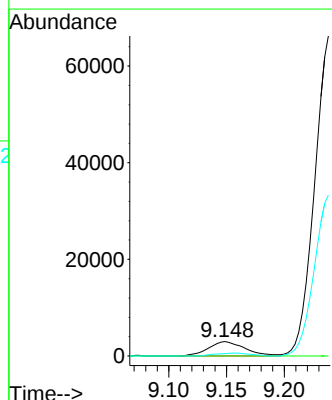
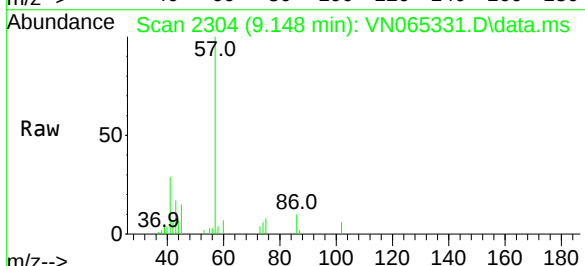
Tgt Ion: 41 Resp: 6545

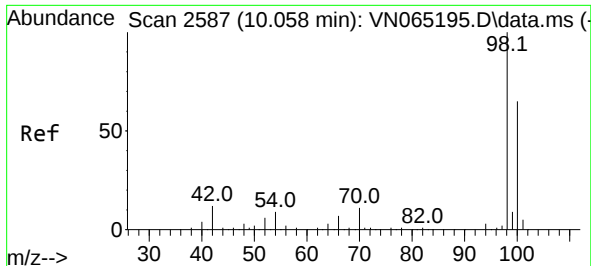
Ion Ratio Lower Upper

41 100

69 0.0 71.8 107.8#

39 0.0 44.1 66.1#

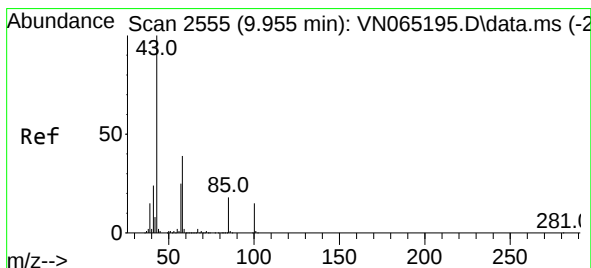
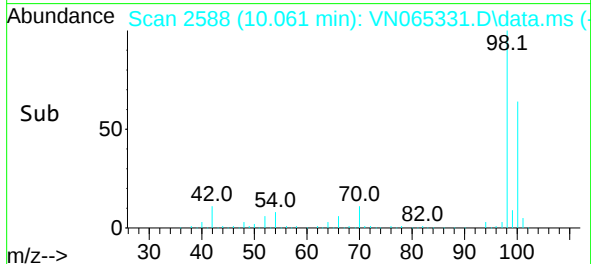
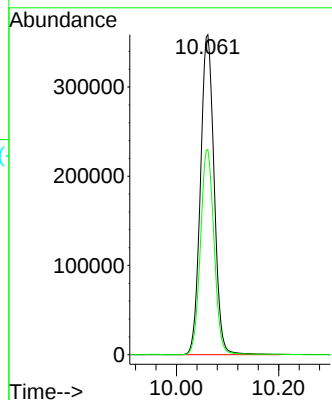
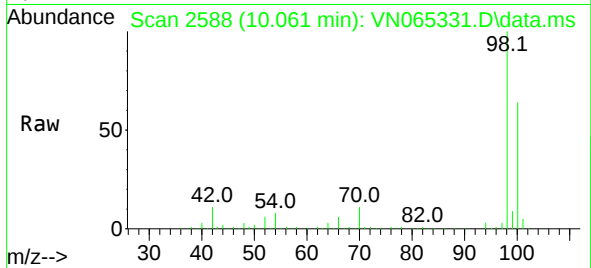




#50
Toluene-d8
Concen: 52.67 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

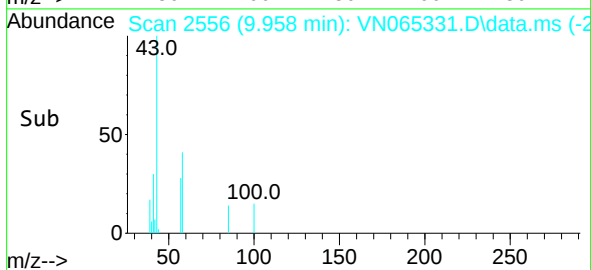
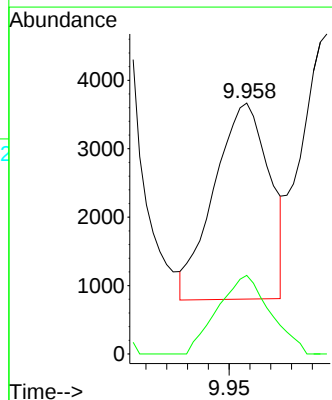
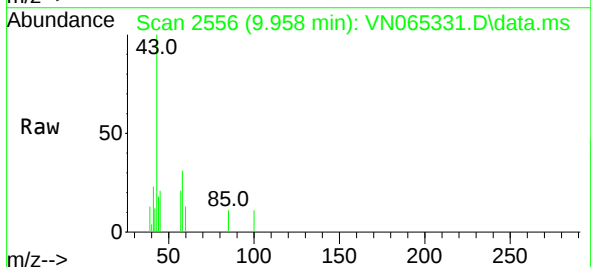
Instrument :
MSVOA_N
ClientSampled :

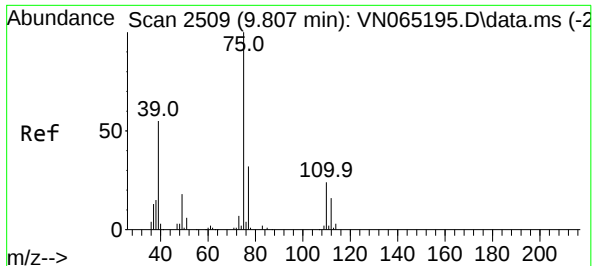
Tgt Ion: 98 Resp: 666978
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.08 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Tgt Ion: 43 Resp: 5296
Ion Ratio Lower Upper
43 100
58 38.1 32.4 48.6

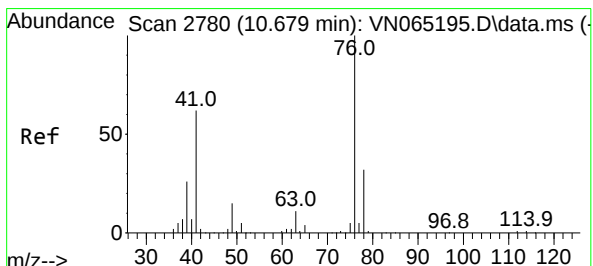
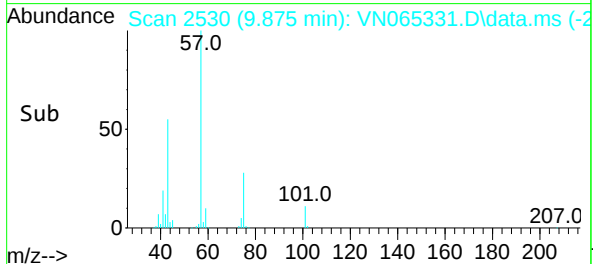
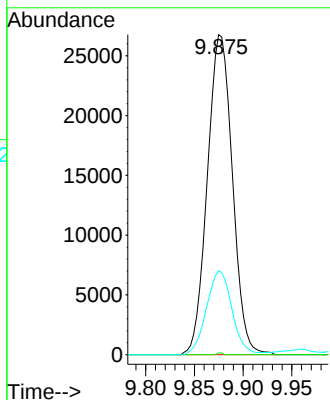
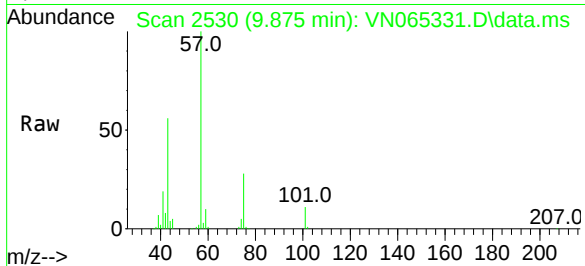




#54
cis-1,3-Dichloropropene
Concen: 7.09 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

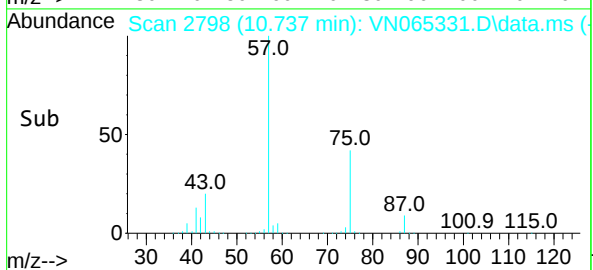
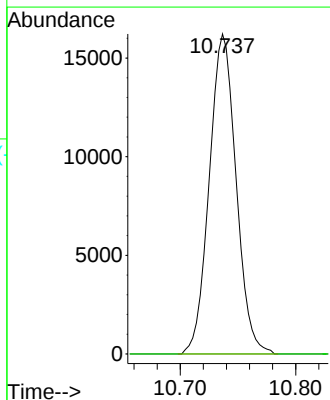
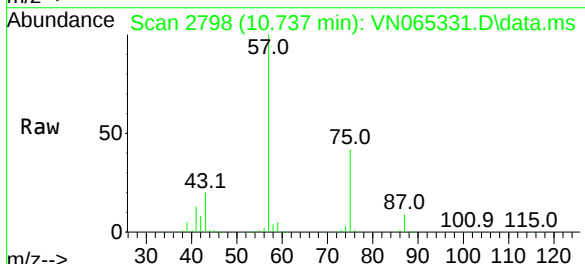
Instrument :
MSVOA_N
ClientSampled :

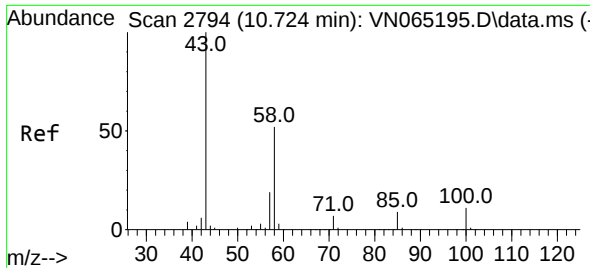
Tgt Ion: 75 Resp: 47886
Ion Ratio Lower Upper
75 100
77 0.6 25.5 38.3#
39 26.2 35.6 53.4#



#57
1,3-Dichloropropane
Concen: 4.20 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Tgt Ion: 76 Resp: 26197
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

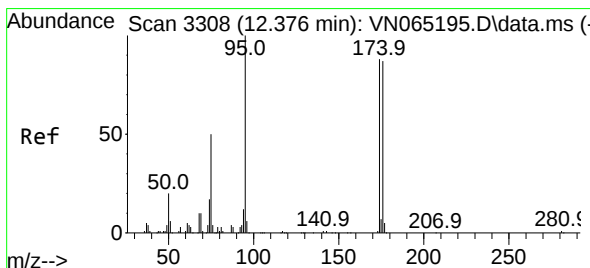
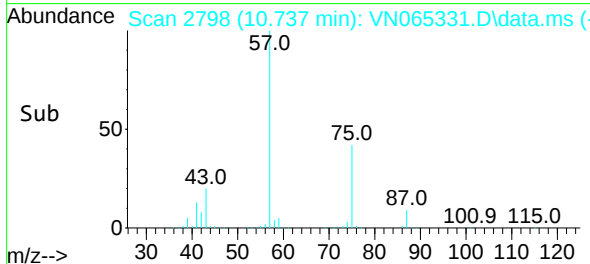
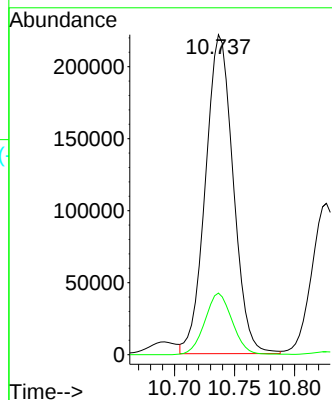
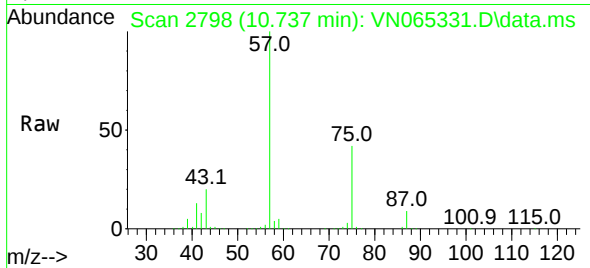




#59
2-Hexanone
Concen: 99.02 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

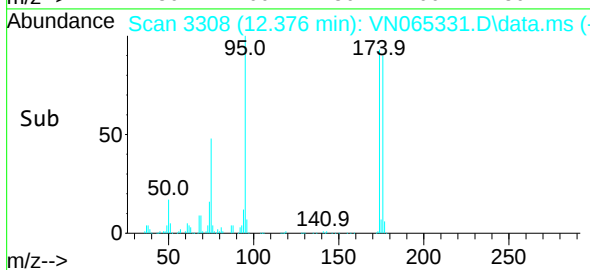
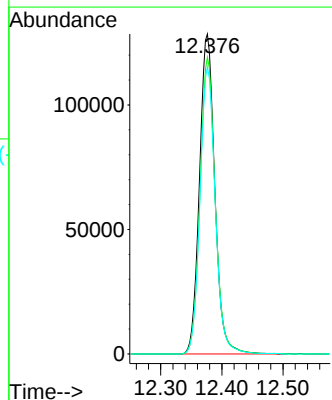
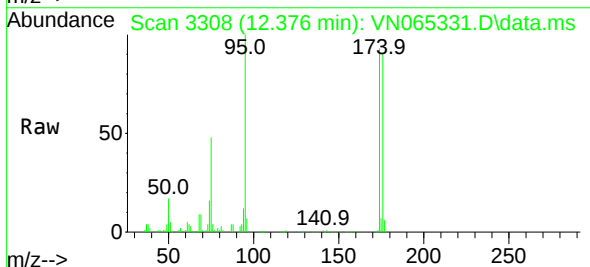
Instrument :
MSVOA_N
ClientSampled :

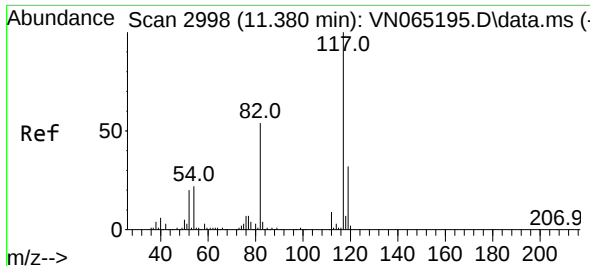
Tgt Ion: 43 Resp: 356048
Ion Ratio Lower Upper
43 100
58 19.2 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 45.28 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

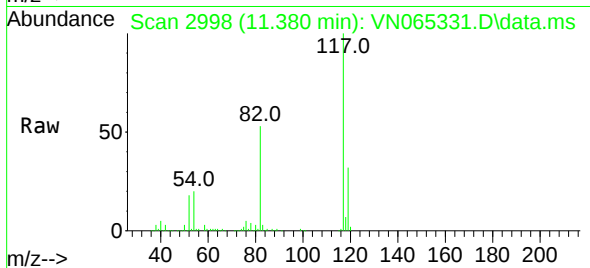
Tgt Ion: 95 Resp: 224086
Ion Ratio Lower Upper
95 100
174 92.0 0.0 160.4
176 88.9 0.0 158.4



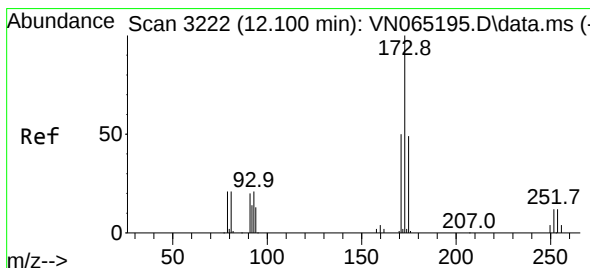
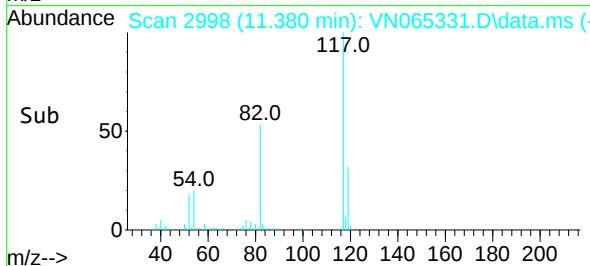
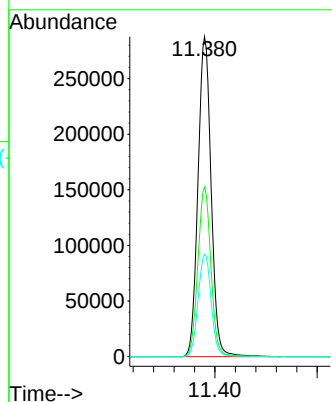


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Instrument :
MSVOA_N
ClientSampled :

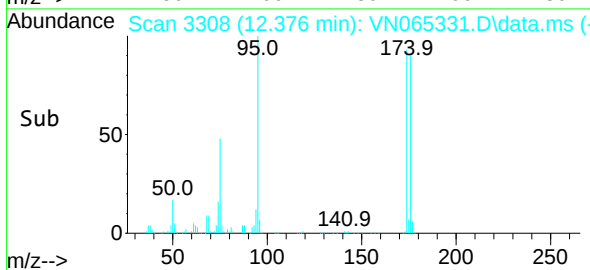
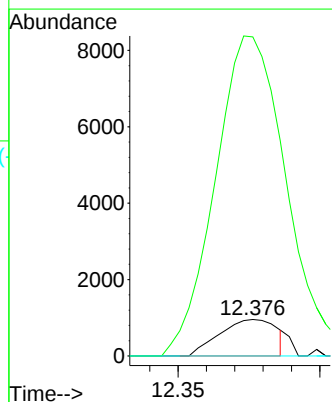
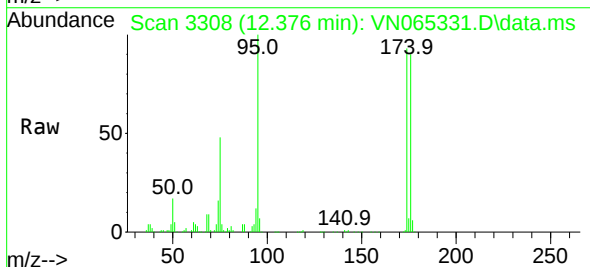


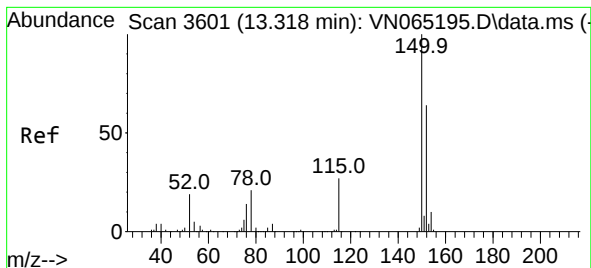
Tgt Ion:117 Resp: 513284
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.1 25.8 38.6



#71
Bromoform
Concen: 0.38 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Tgt Ion:173 Resp: 1336
Ion Ratio Lower Upper
173 100
175 919.6 24.3 72.8#
254 0.0 0.0 0.0

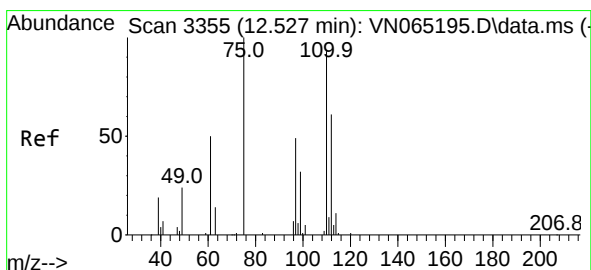
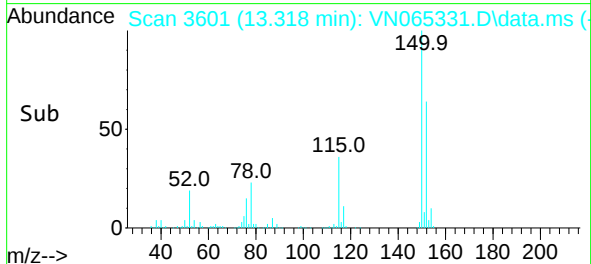
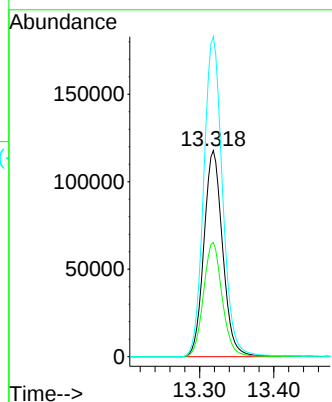
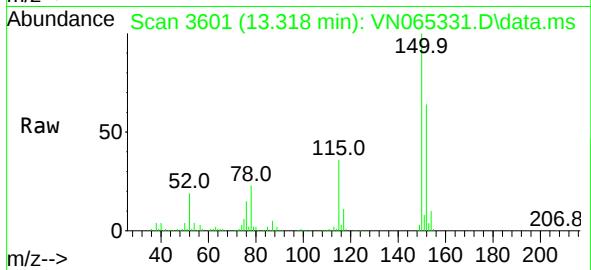




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

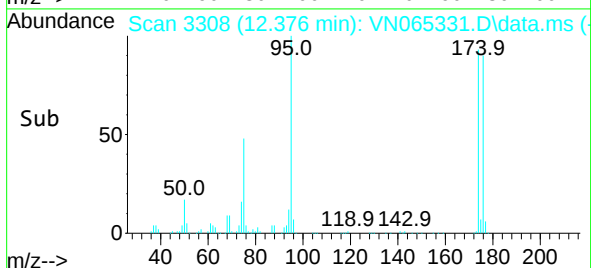
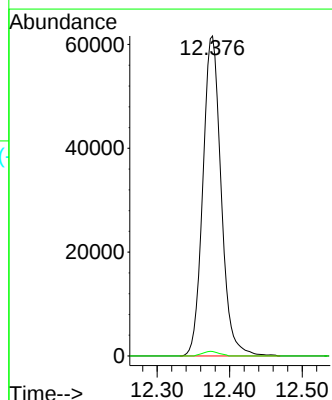
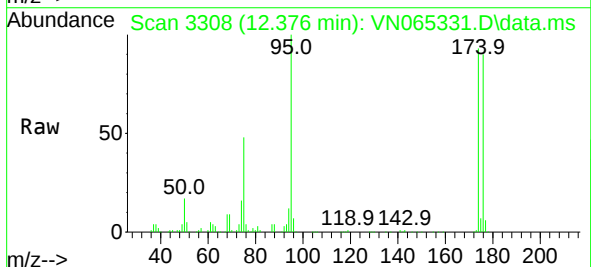
Instrument :
MSVOA_N
ClientSampled :

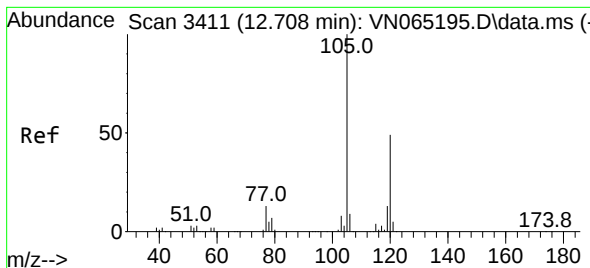
Tgt Ion:152 Resp: 206401
Ion Ratio Lower Upper
152 100
115 55.5 29.7 89.1
150 156.3 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 25.62 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Tgt Ion: 75 Resp: 107894
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

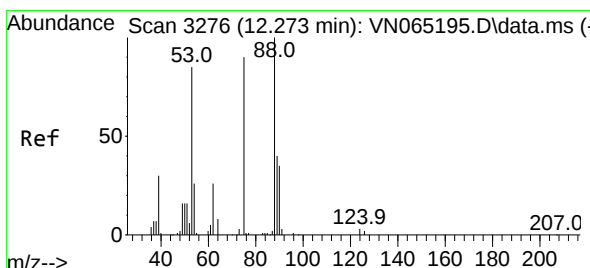
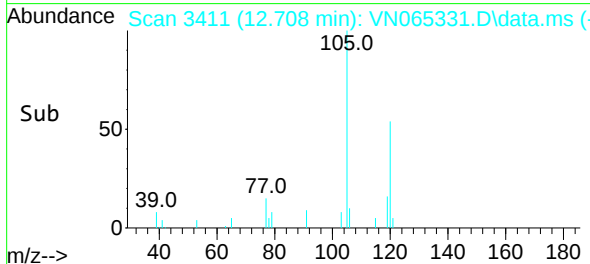
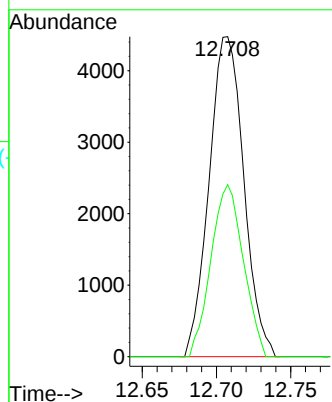
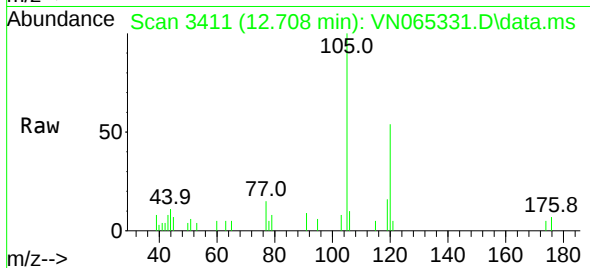




#80
1,3,5-Trimethylbenzene
Concen: 0.54 ug/l
RT: 12.708 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:105 Resp: 7270
Ion Ratio Lower Upper
105 100
120 50.0 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 64.61 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065331.D
Acq: 30 Dec 2020 19:40

Tgt Ion: 75 Resp: 107894
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

