

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100820\
 Data File : VN064028.D
 Acq On : 9 Oct 2020 8:04
 Operator : JC/MD
 Sample : L4299-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 86-96-COMP

Quant Time: Oct 09 12:07:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

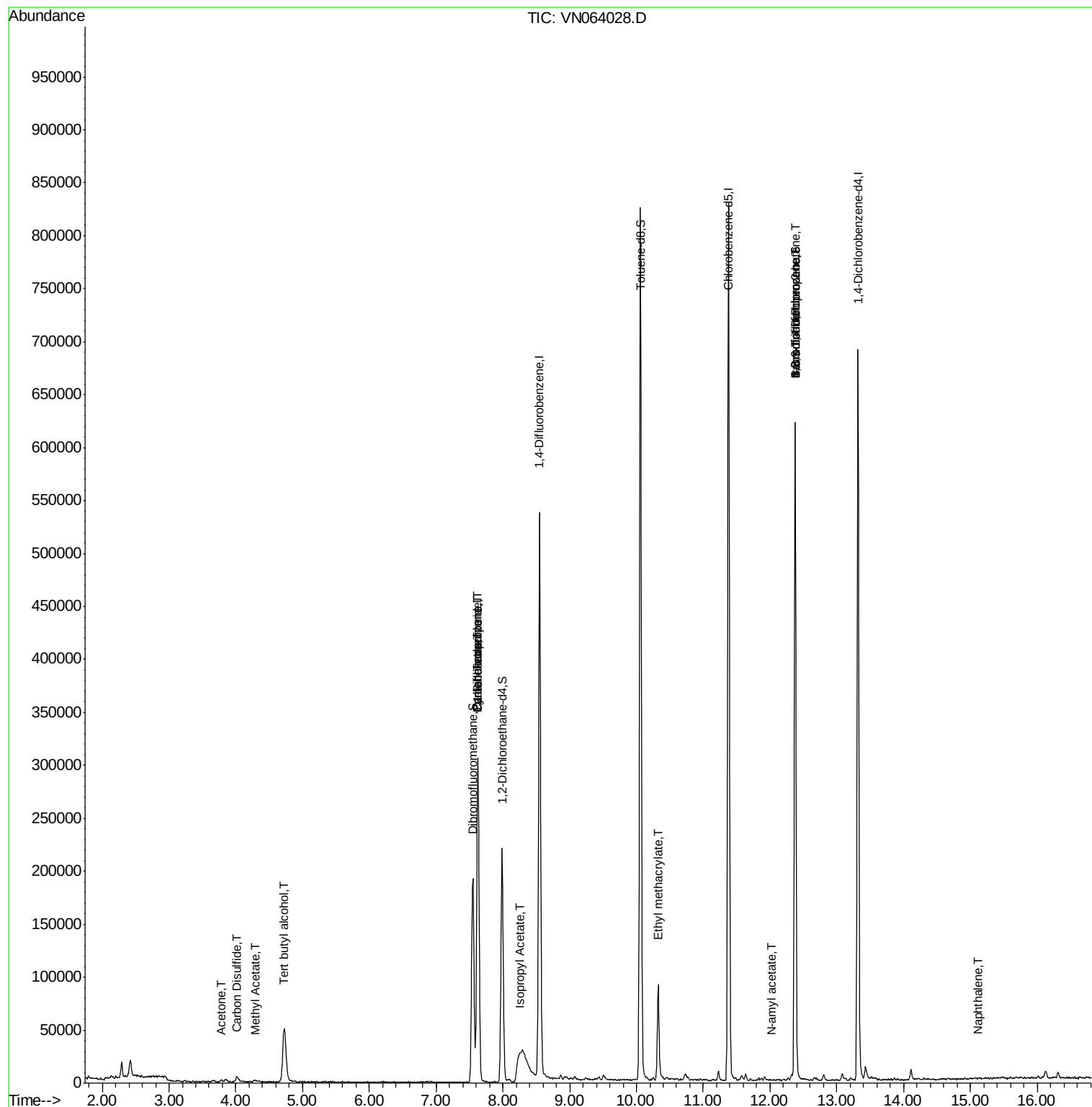
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	236085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	197379	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	7.55	113	150308	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	10.06	98	554785	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.38	95	211823	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.73	59	88165	204.747	ug/l #	86
16) Acetone	3.78	43	3118	2.597	ug/l #	82
17) Carbon Disulfide	4.02	76	3125	1.180	ug/l #	76
18) Methyl Acetate	4.29	43	2495	0.800	ug/l #	71
31) Cyclohexane	7.63	56	5972	1.319	ug/l #	8
36) 1,1-Dichloropropene	7.63	75	19758	4.384	ug/l #	51
38) Carbon Tetrachloride	7.62	117	26068	5.158	ug/l #	14
43) Isopropyl Acetate	8.25	43	34115	4.619	ug/l #	65
56) Ethyl methacrylate	10.32	69	14205	3.139	ug/l #	56
71) Bromoform	12.37	173	1100	0.411	ug/l #	1
74) N-amyl acetate	12.03	43	242	2.255	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	115728	29.918	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115728	86.167	ug/l #	6
95) Naphthalene	15.11	128	261	1.951	ug/l #	69

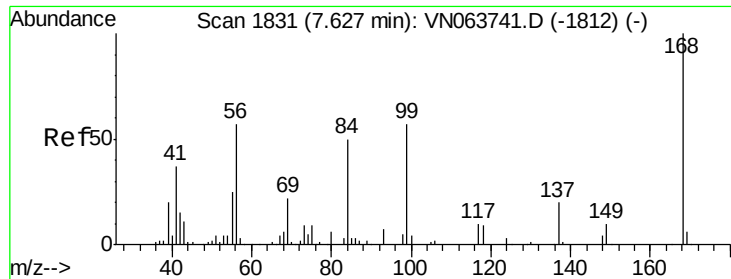
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100820\
Data File : VN064028.D
Acq On : 9 Oct 2020 8:04
Operator : JC/MD
Sample : L4299-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
86-96-COMP

Quant Time: Oct 09 12:07:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

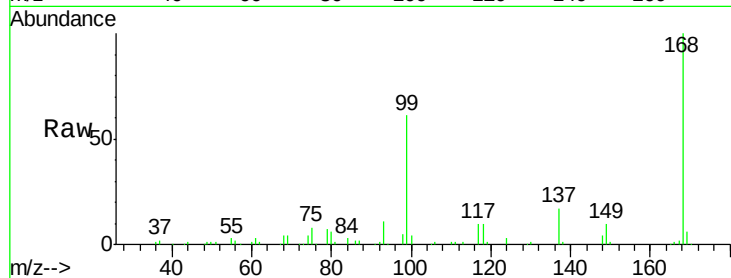
86-96-COMP

Tgt Ion:168 Resp: 236085

Ion Ratio Lower Upper

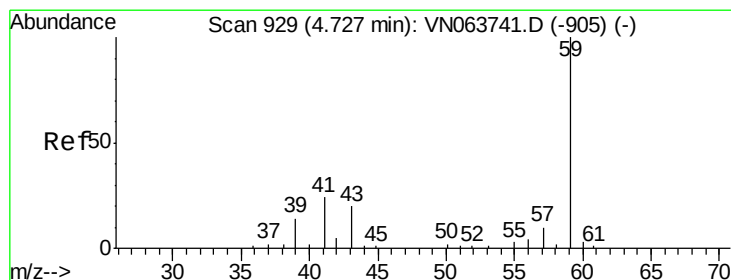
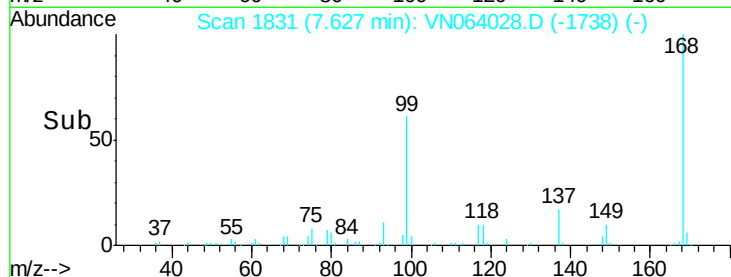
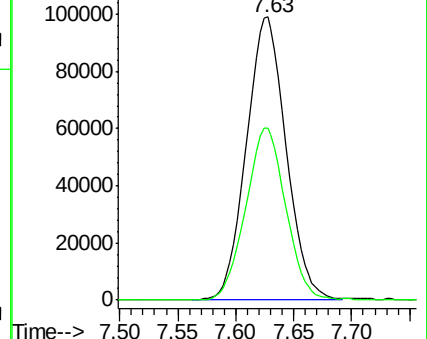
168 100

99 60.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 204.747 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.00 min

Lab File: VN064028.D

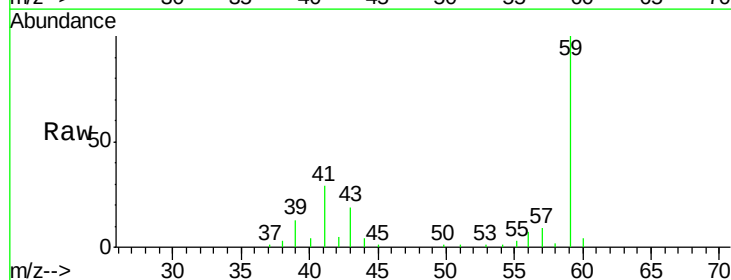
Acq: 9 Oct 2020 8:04

Tgt Ion: 59 Resp: 88165

Ion Ratio Lower Upper

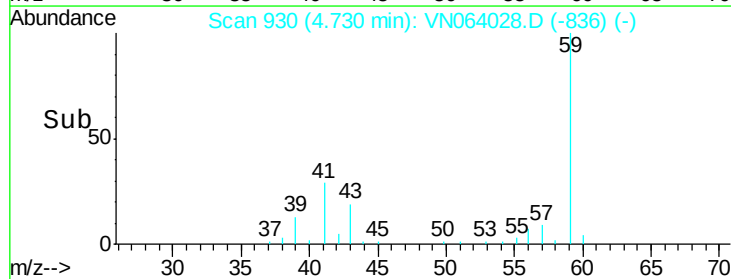
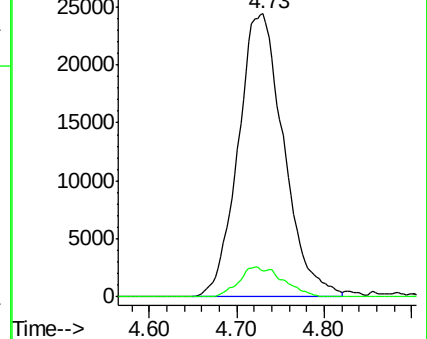
59 100

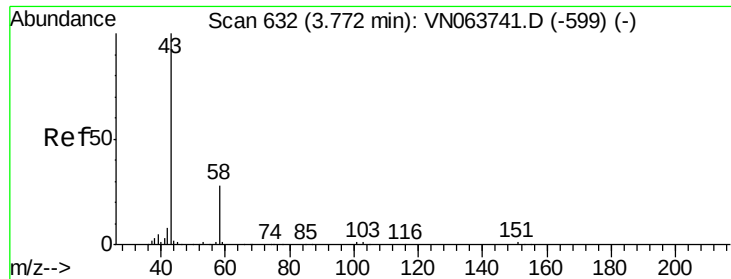
57 5.6 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

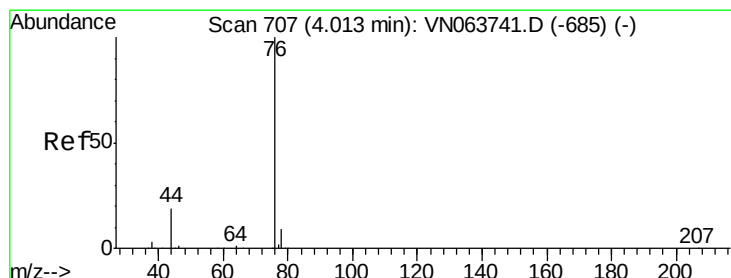
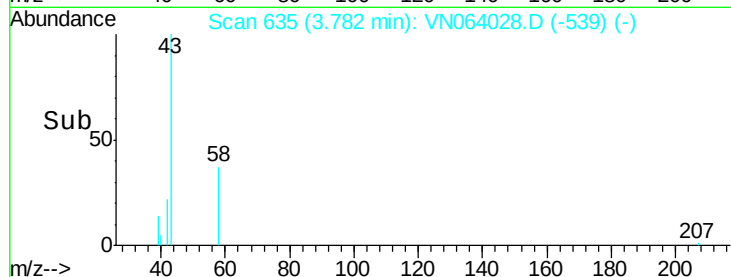
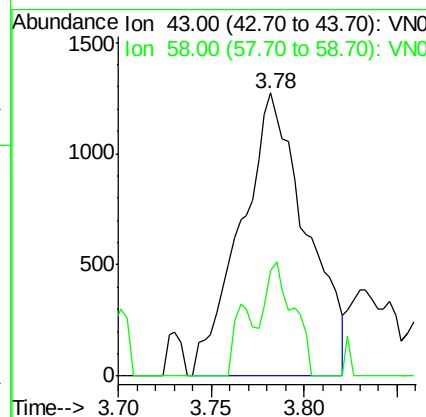
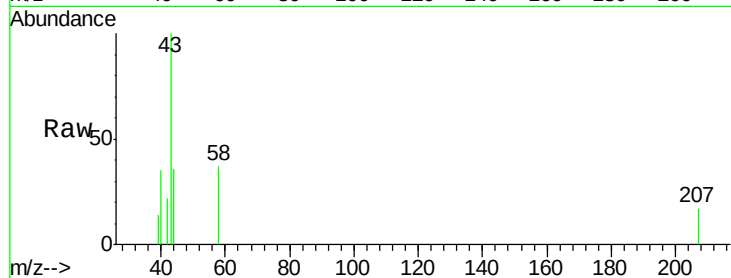




#16
Acetone
Concen: 2.597 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN064028.D
Acq: 9 Oct 2020 8:04

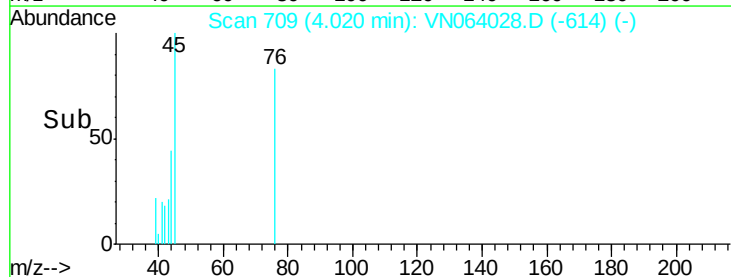
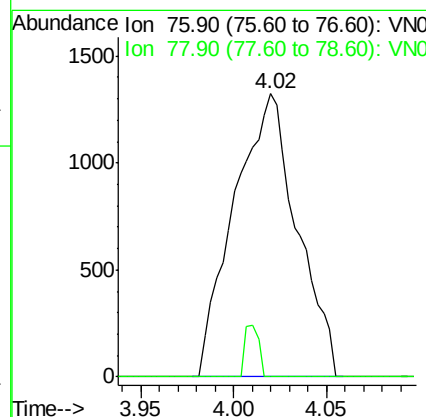
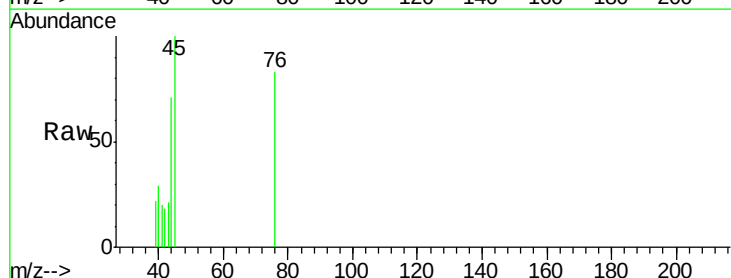
Instrument :
MSVOA_N
ClientSampled :
86-96-COMP

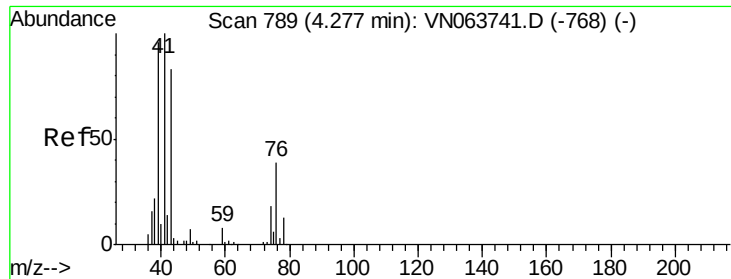
Tgt Ion: 43 Resp: 3118
Ion Ratio Lower Upper
43 100
58 37.2 22.3 33.5#



#17
Carbon Disulfide
Concen: 1.180 ug/l
RT: 4.02 min Scan# 709
Delta R.T. 0.01 min
Lab File: VN064028.D
Acq: 9 Oct 2020 8:04

Tgt Ion: 76 Resp: 3125
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

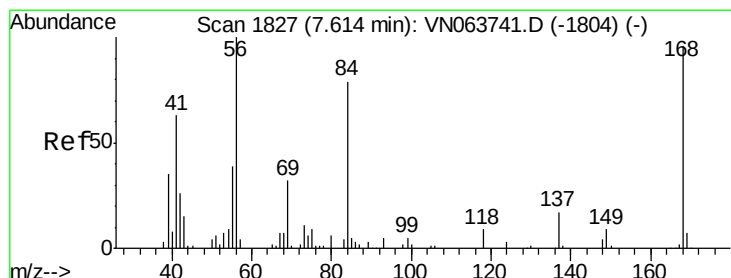
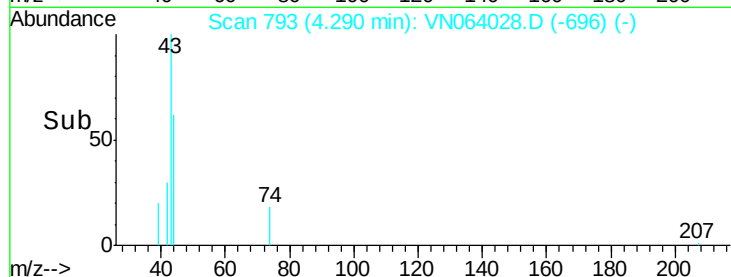
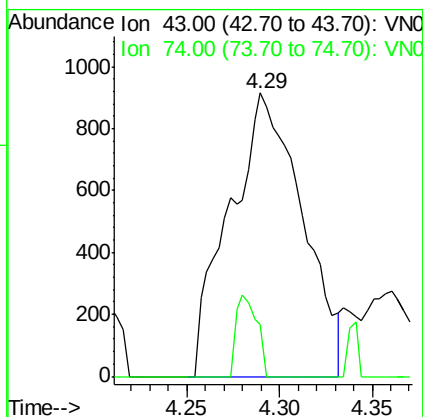
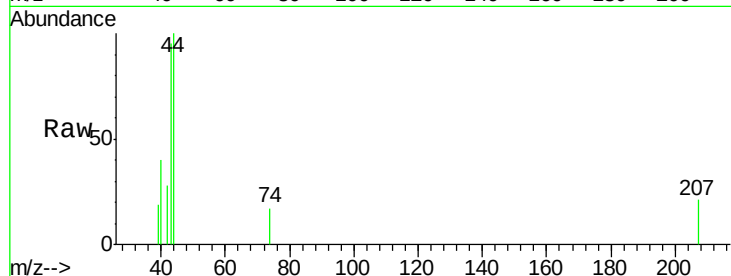




#18
Methyl Acetate
Concen: 0.800 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064028.D
Acq: 9 Oct 2020 8:04

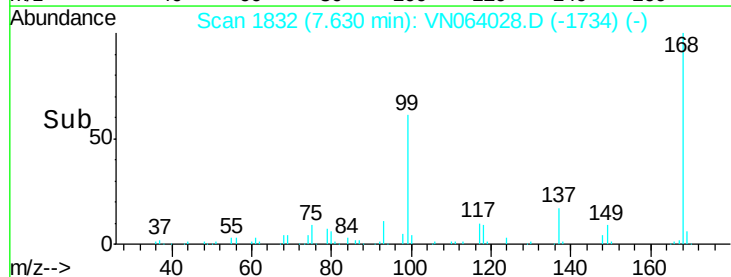
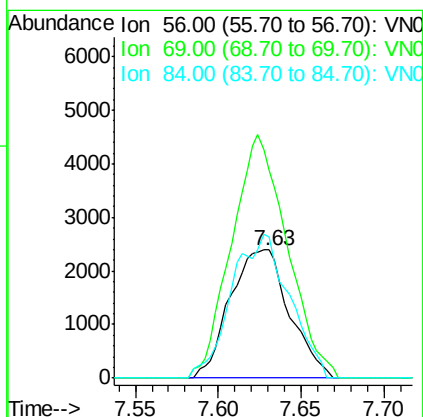
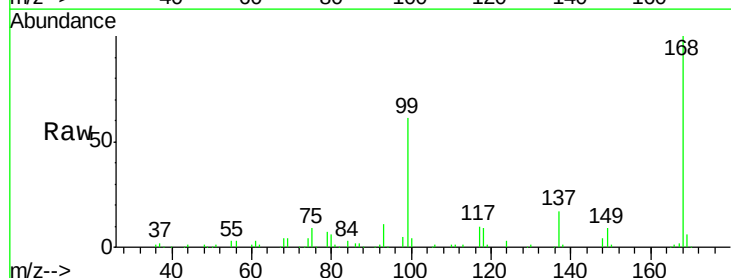
Instrument :
MSVOA_N
ClientSampled :
86-96-COMP

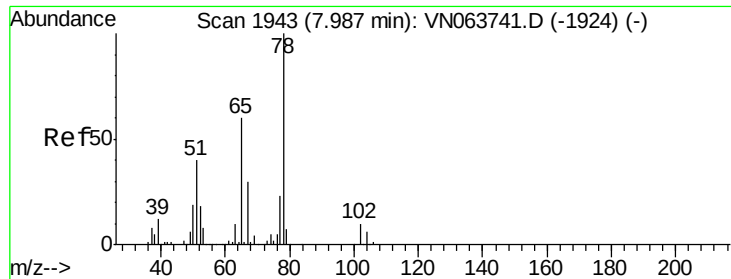
Tgt Ion: 43 Resp: 2495
Ion Ratio Lower Upper
43 100
74 8.3 17.4 26.2#



#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN064028.D
Acq: 9 Oct 2020 8:04

Tgt Ion: 56 Resp: 5972
Ion Ratio Lower Upper
56 100
69 161.6 25.4 38.2#
84 110.1 63.3 94.9#

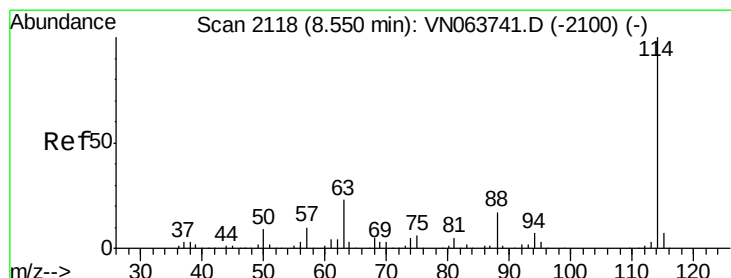
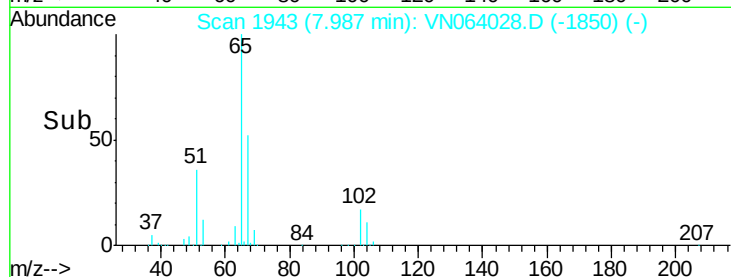
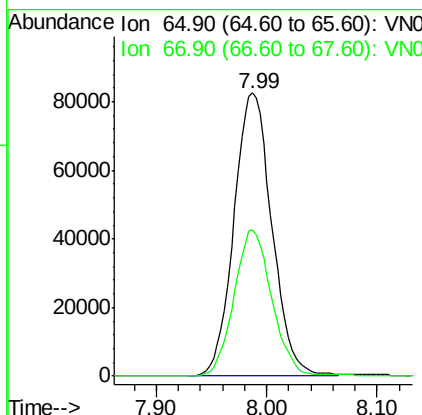
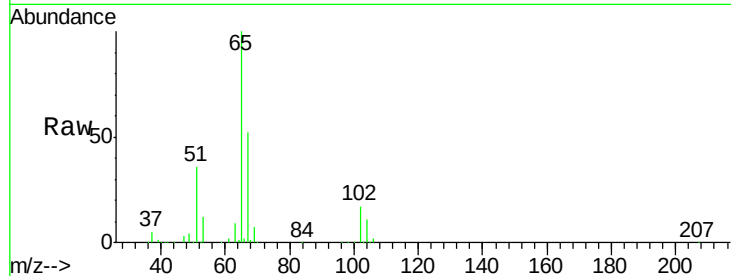




#33
 1,2-Dichloroethane-d4
 Concen: 50.606 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064028.D
 Acq: 9 Oct 2020 8:04

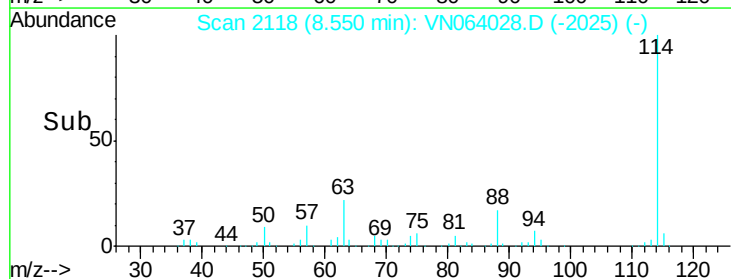
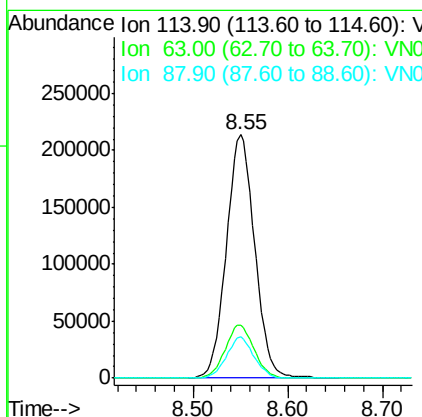
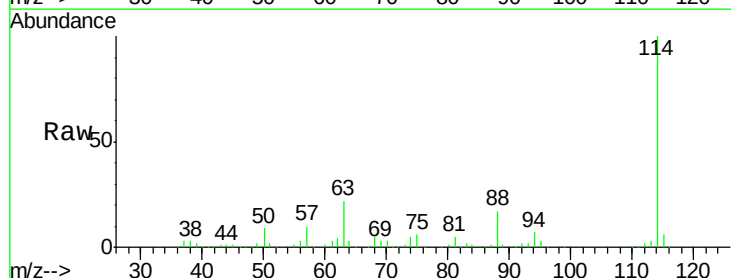
Instrument :
 MSVOA_N
 ClientSampleId :
 86-96-COMP

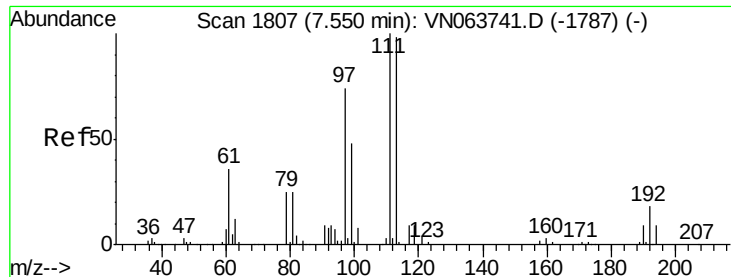
Tgt Ion: 65 Resp: 197379
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064028.D
 Acq: 9 Oct 2020 8:04

Tgt Ion: 114 Resp: 444848
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.0
 88 16.8 0.0 34.0

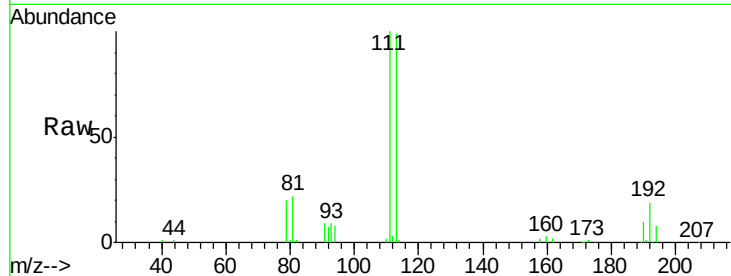




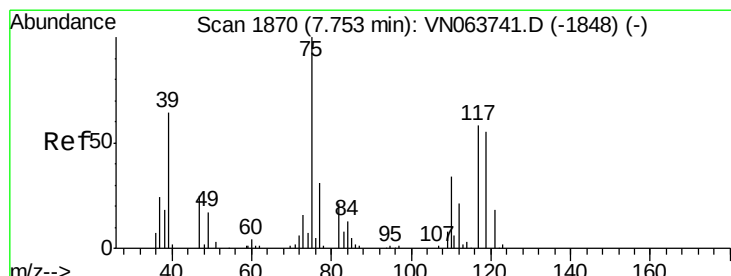
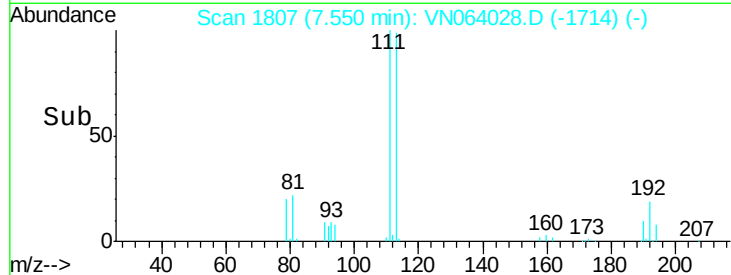
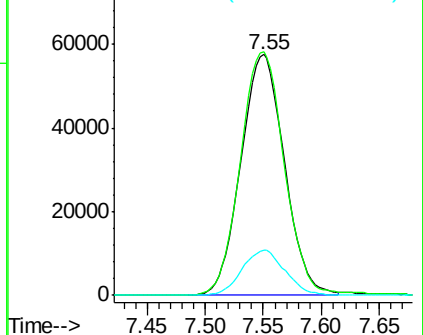
#35
 Dibromofluoromethane
 Concen: 48.695 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064028.D
 Acq: 9 Oct 2020 8:04

Instrument :
 MSVOA_N
 ClientSampleId :
 86-96-COMP

Tgt Ion: 113 Resp: 150308
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.8
 192 18.5 14.2 21.2

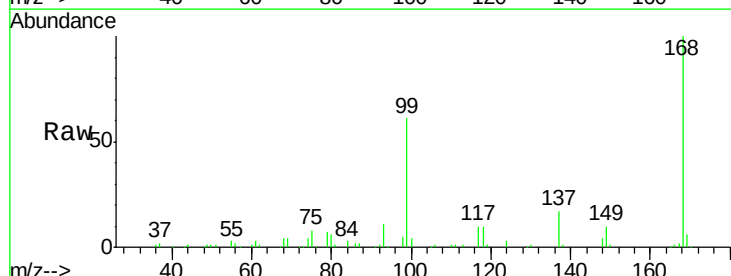


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

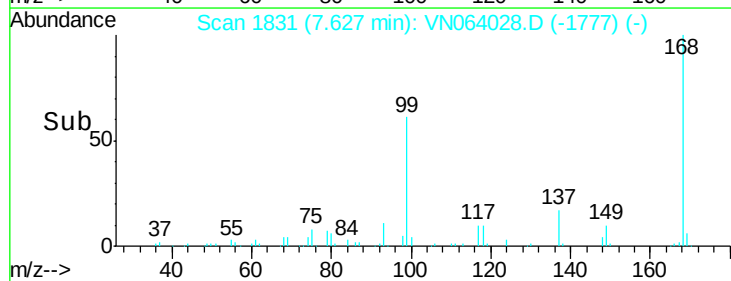
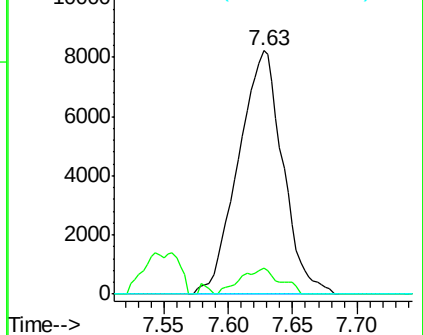


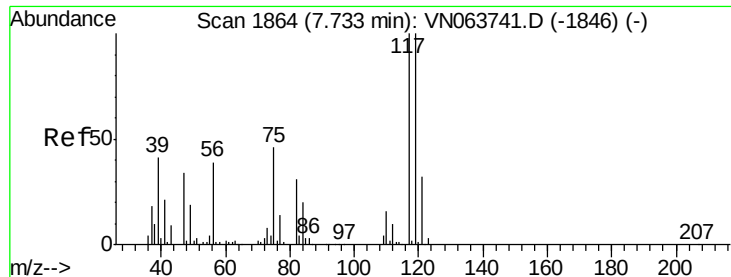
#36
 1,1-Dichloropropene
 Concen: 4.384 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064028.D
 Acq: 9 Oct 2020 8:04

Tgt Ion: 75 Resp: 19758
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.9 50.6#
 77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.158 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

86-96-COMP

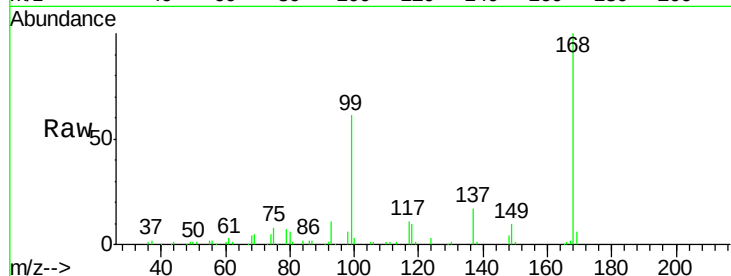
Tgt Ion:117 Resp: 26068

Ion Ratio Lower Upper

117 100

119 5.5 80.1 120.1#

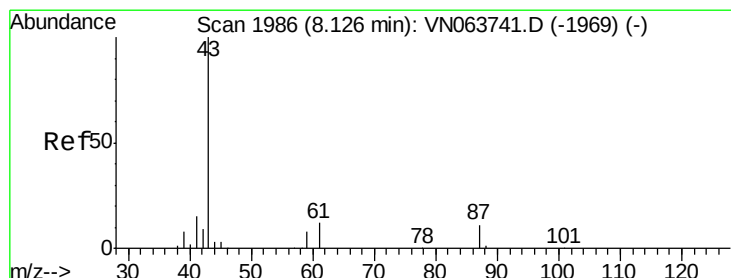
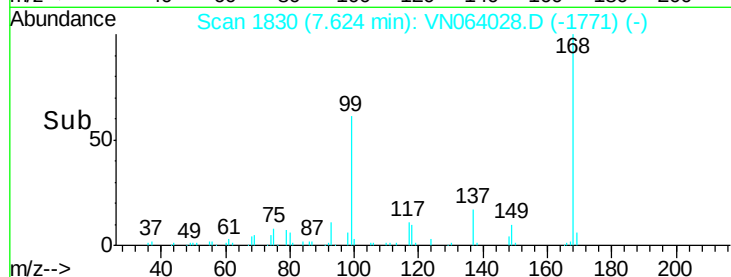
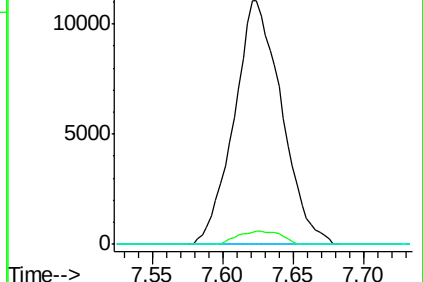
121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 4.619 ug/l

RT: 8.25 min Scan# 2024

Delta R.T. 0.12 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

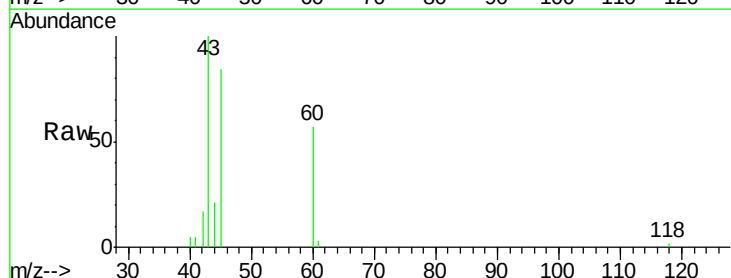
Tgt Ion: 43 Resp: 34115

Ion Ratio Lower Upper

43 100

61 1.0 14.2 21.4#

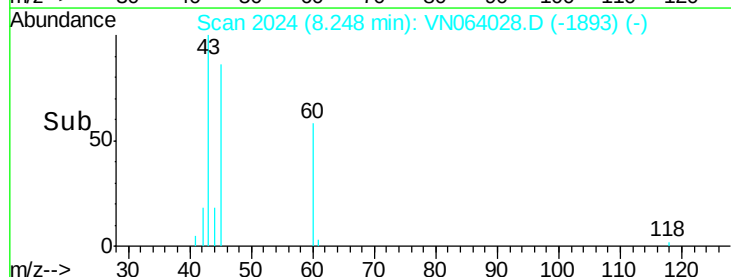
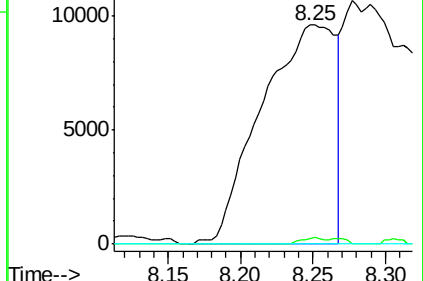
87 0.0 9.0 13.6#

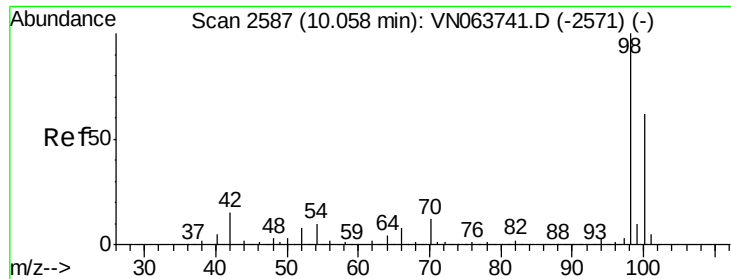


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 47.412 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

Instrument :

MSVOA_N

ClientSampled :

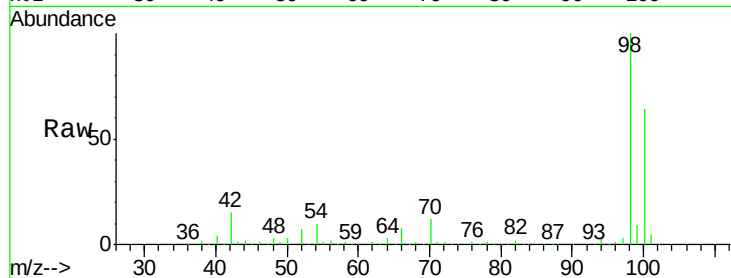
86-96-COMP

Tgt Ion: 98 Resp: 554785

Ion Ratio Lower Upper

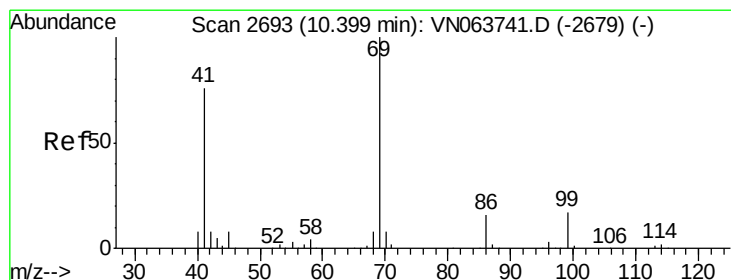
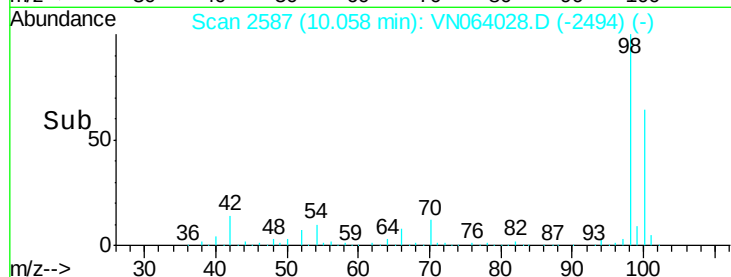
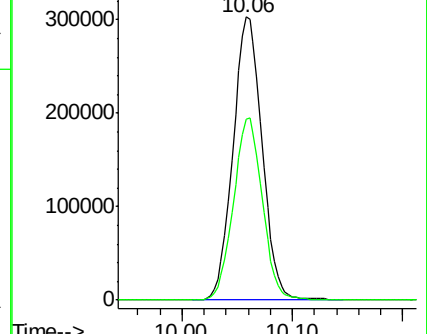
98 100

100 64.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#56

Ethyl methacrylate

Concen: 3.139 ug/l

RT: 10.32 min Scan# 2670

Delta R.T. -0.07 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

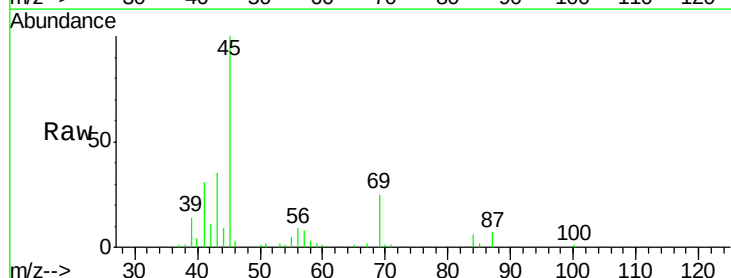
Tgt Ion: 69 Resp: 14205

Ion Ratio Lower Upper

69 100

41 127.2 61.1 91.7#

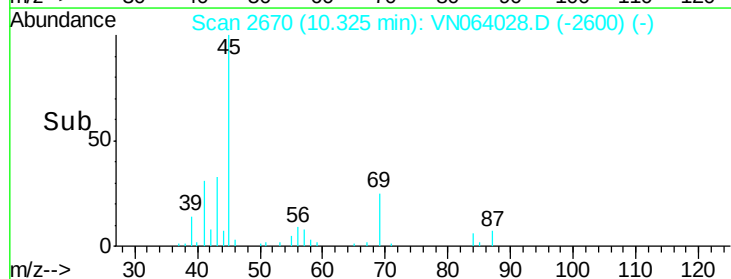
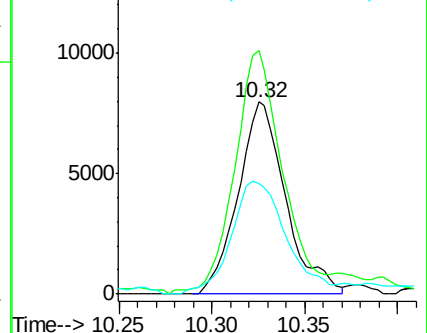
39 68.2 42.2 63.4#

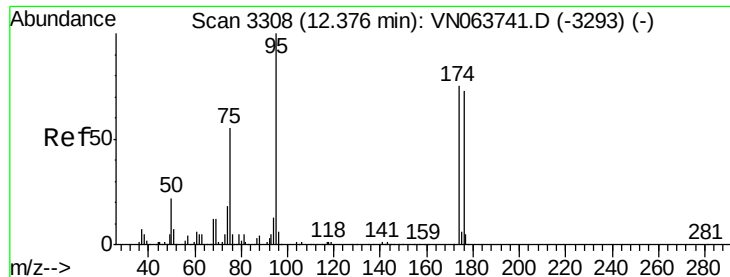


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.156 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

Instrument :

MSVOA_N

ClientSampleId :

86-96-COMP

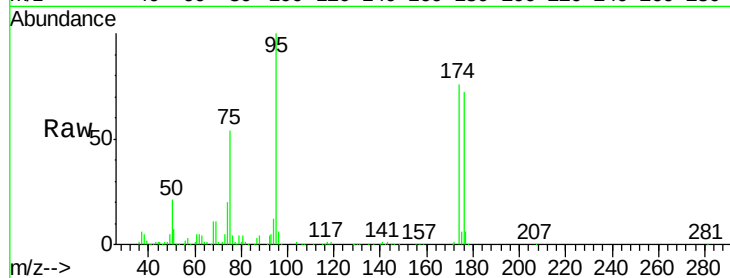
Tgt Ion: 95 Resp: 211823

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.6

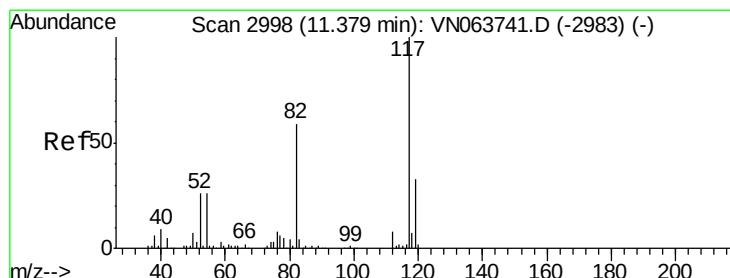
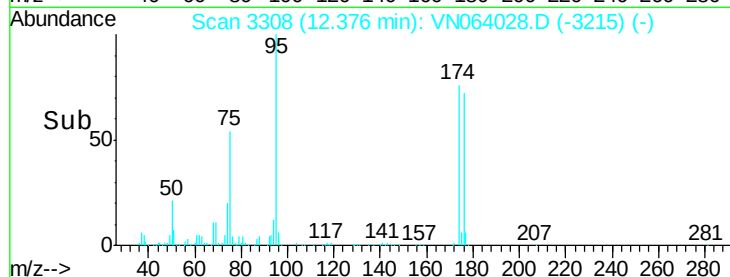
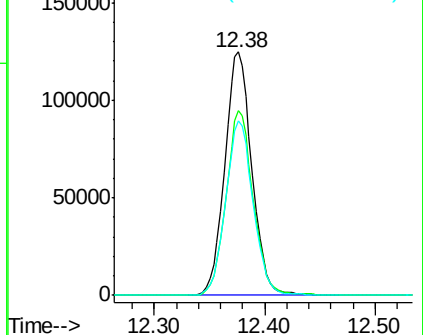
176 72.6 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

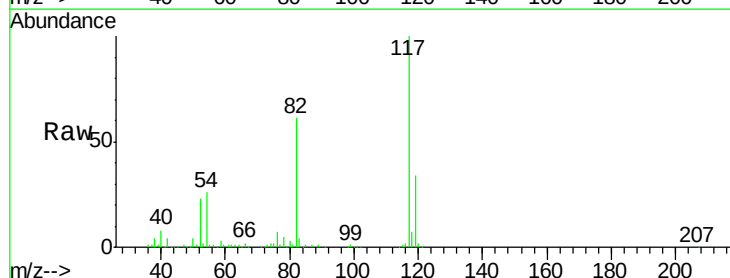
Tgt Ion: 117 Resp: 444592

Ion Ratio Lower Upper

117 100

82 60.8 47.4 71.2

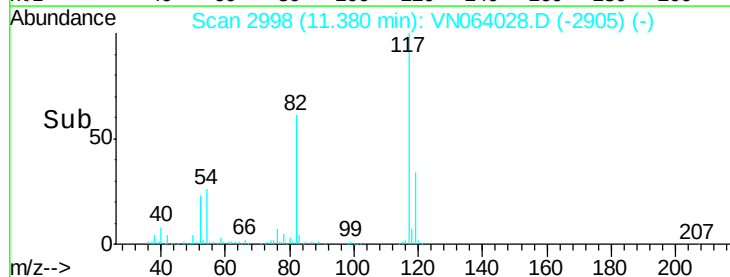
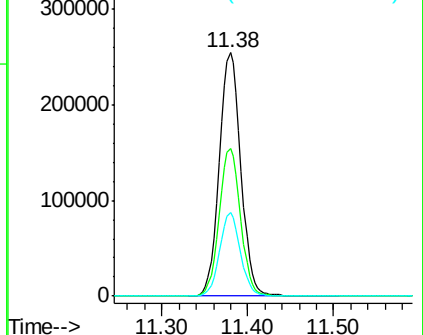
119 34.2 26.4 39.6

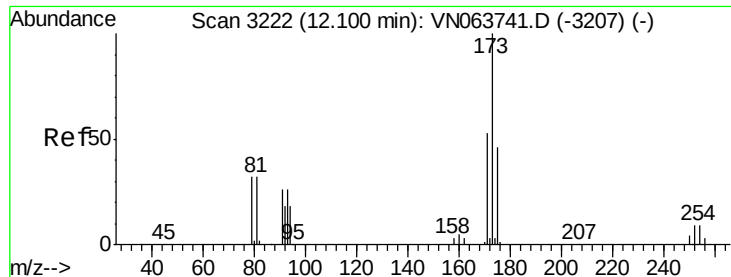


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.411 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.27 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

Instrument :

MSVOA_N

ClientSampled :

86-96-COMP

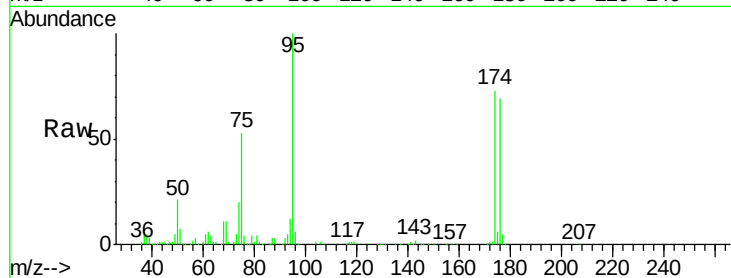
Tgt Ion:173 Resp: 1100

Ion Ratio Lower Upper

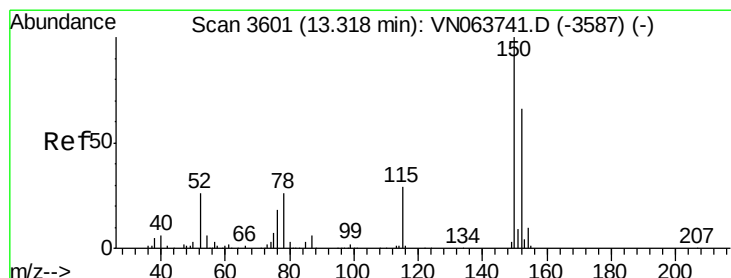
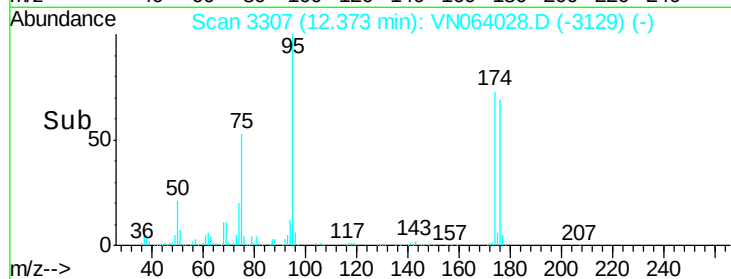
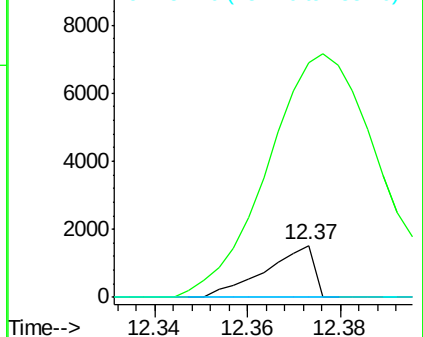
173 100

175 906.8 23.5 70.5#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

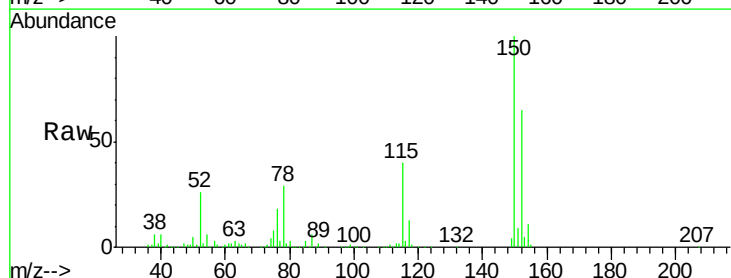
Tgt Ion:152 Resp: 175478

Ion Ratio Lower Upper

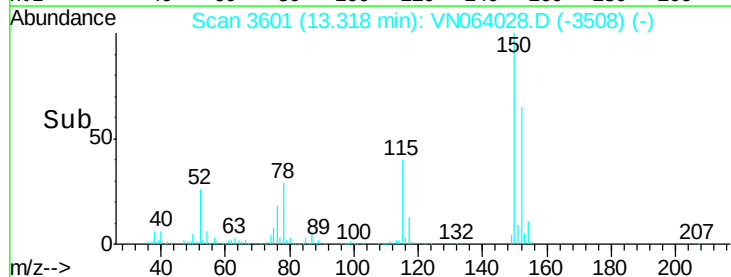
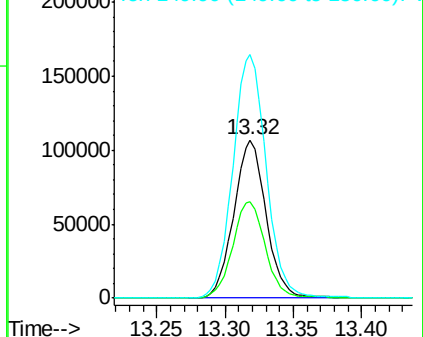
152 100

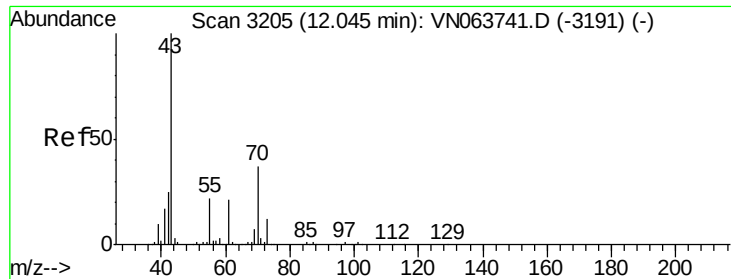
115 61.4 31.3 93.8

150 158.9 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amyI acetate

Concen: 2.255 ug/l

RT: 12.03 min Scan# 3201

Delta R.T. -0.01 min

Lab File: VN064028.D

Acq: 9 Oct 2020 8:04

Instrument :

MSVOA_N

ClientSampled :

86-96-COMP

Tgt Ion: 43 Resp: 242

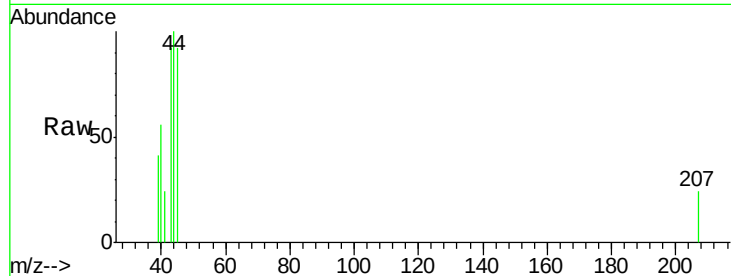
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

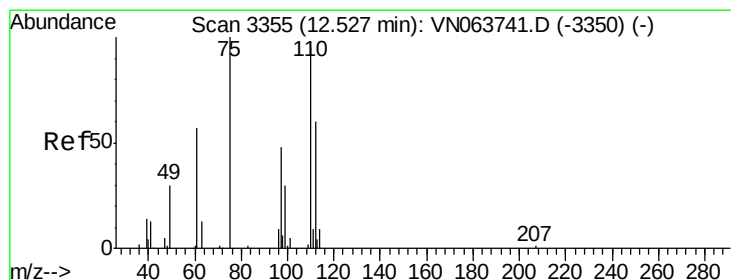
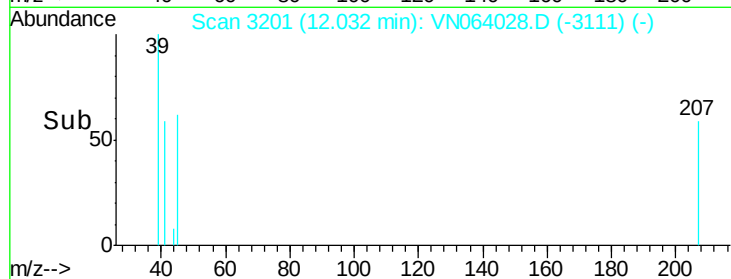
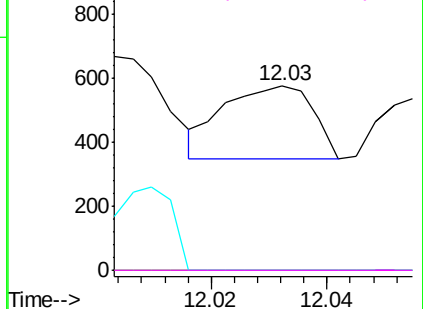


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 29.918 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064028.D

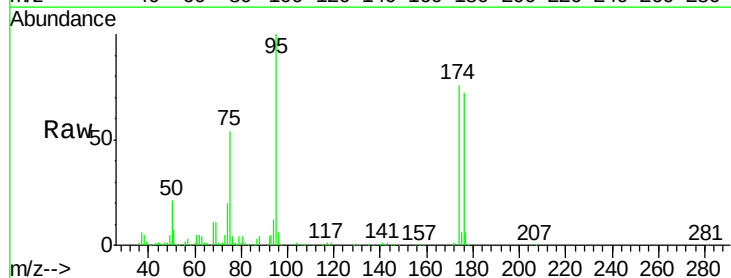
Acq: 9 Oct 2020 8:04

Tgt Ion: 75 Resp: 115728

Ion Ratio Lower Upper

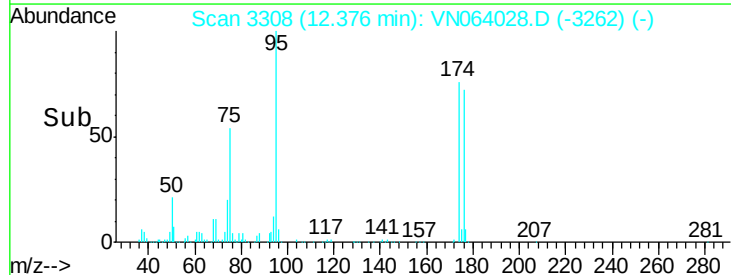
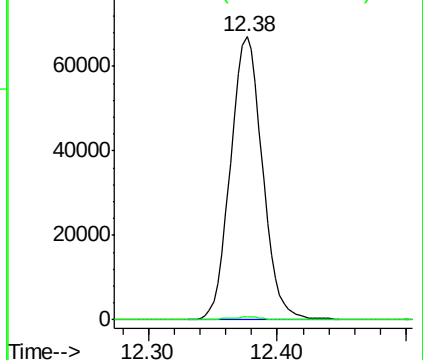
75 100

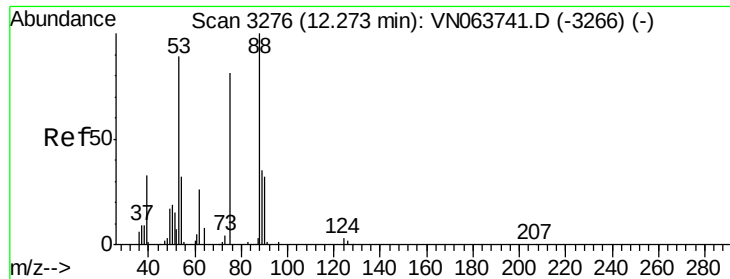
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

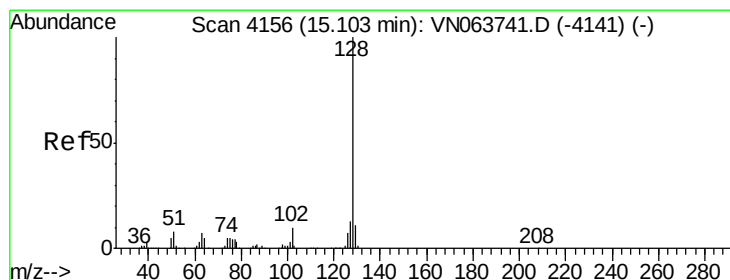
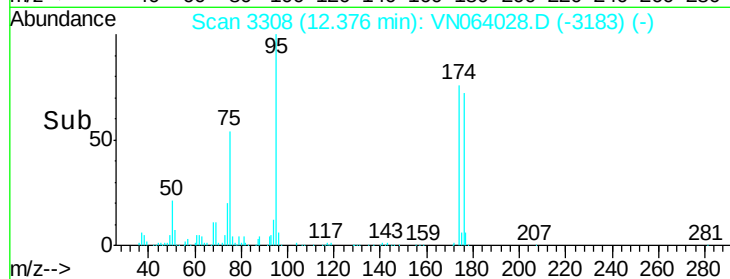
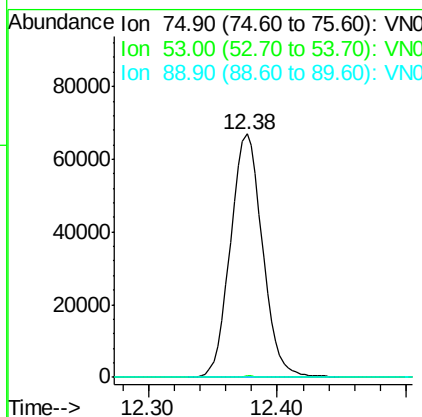
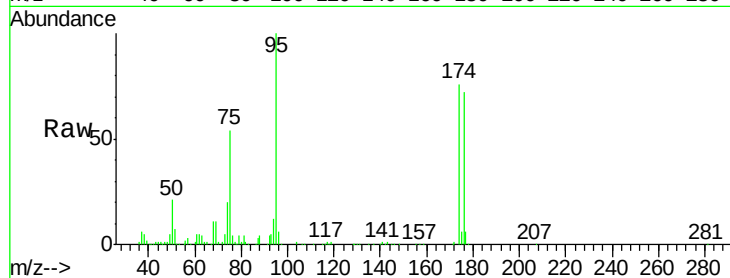




#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.167 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064028.D
 Acq: 9 Oct 2020 8:04

Instrument :
 MSVOA_N
 ClientSampled :
 86-96-COMP

Tgt Ion: 75 Resp: 115728
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.2 132.2#
 89 0.0 36.0 54.0#



#95
 Naphthalene
 Concen: 1.951 ug/l
 RT: 15.11 min Scan# 4158
 Delta R.T. 0.01 min
 Lab File: VN064028.D
 Acq: 9 Oct 2020 8:04

Tgt Ion: 128 Resp: 261
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.7 13.1#

