

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060214.D
 Acq On : 24 Feb 2020 17:07
 Operator : JC/MD
 Sample : L1671-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 25 00:20:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

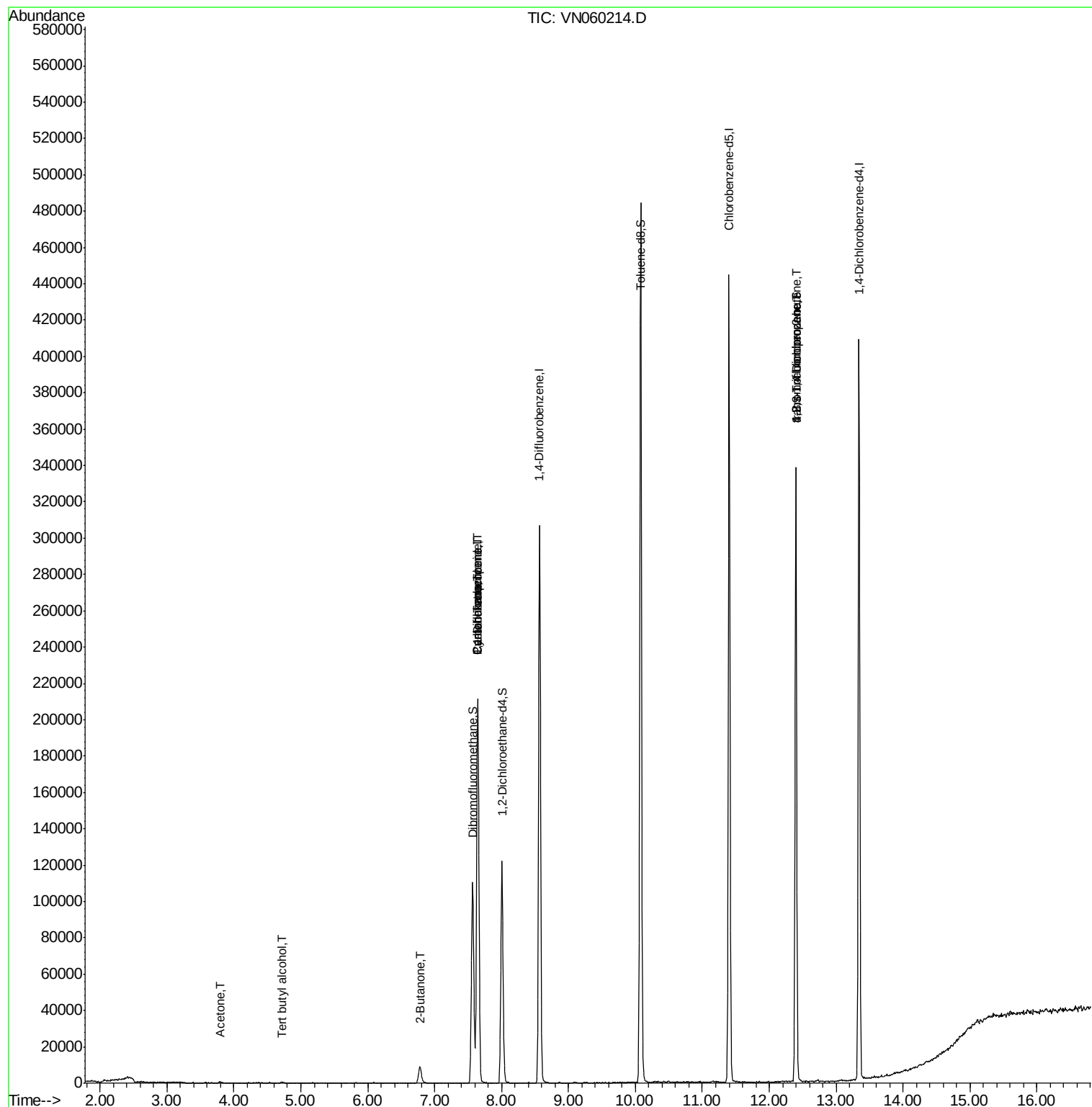
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	281506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	256047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104711	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	7.57	113	85252	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.08	98	337786	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	117467	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.73	59	113	0.344	ug/l #	72
16) Acetone	3.80	43	1192	1.244	ug/l #	43
25) 2-Butanone	6.79	43	261	0.217	ug/l #	46
31) Cyclohexane	7.64	56	3486	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13140	5.039	ug/l #	48
38) Carbon Tetrachloride	7.64	117	16736	5.910	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	61245	28.608	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	61245	70.048	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31	Below Cal	#	1

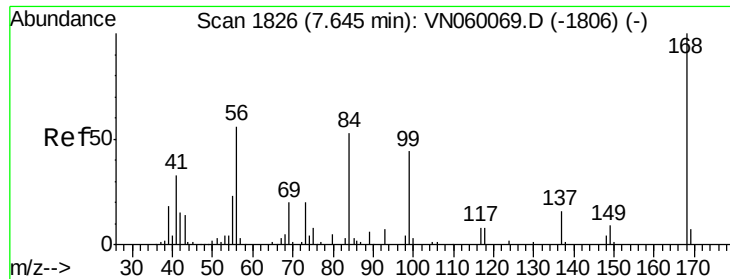
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022420\
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MSVOA_N
ClientSampleId :

Quant Time: Feb 25 00:20:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060214.D

Acq: 24 Feb 2020 17:07

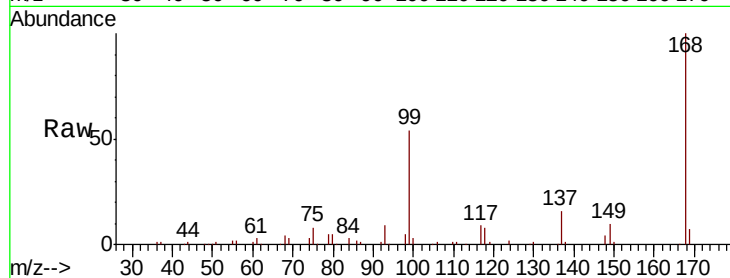
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 180517

Ion Ratio Lower Upper

168 100

99 53.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

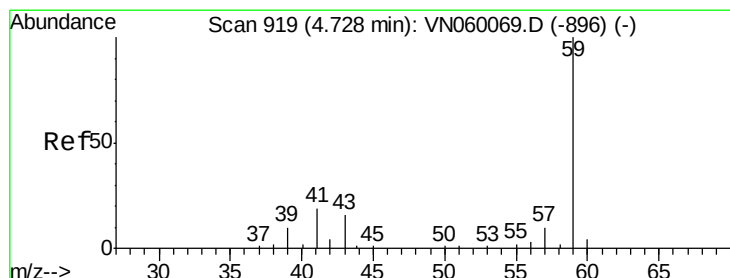
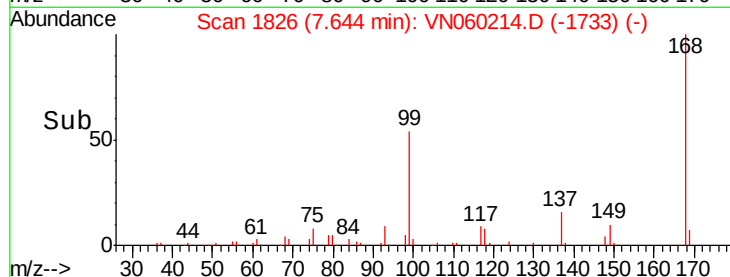
40000

20000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.344 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.01 min

Lab File: VN060214.D

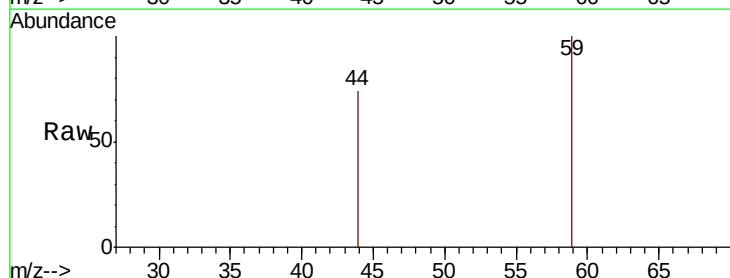
Acq: 24 Feb 2020 17:07

Tgt Ion: 59 Resp: 113

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

250

200

150

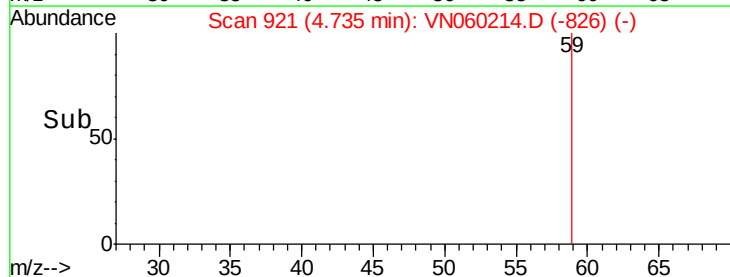
100

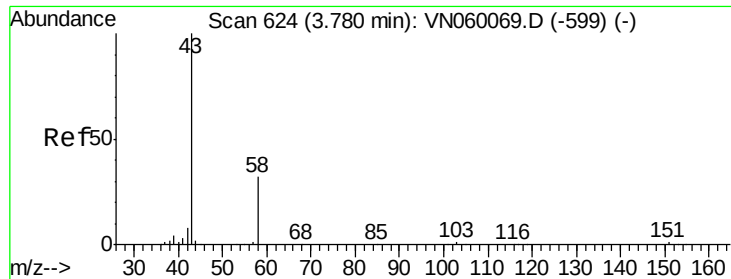
50

0

4.72 4.73 4.74 4.75

Time-->

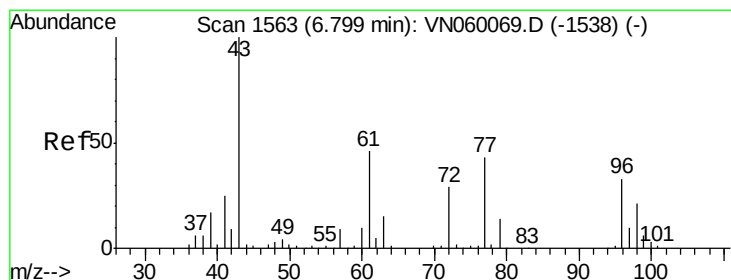
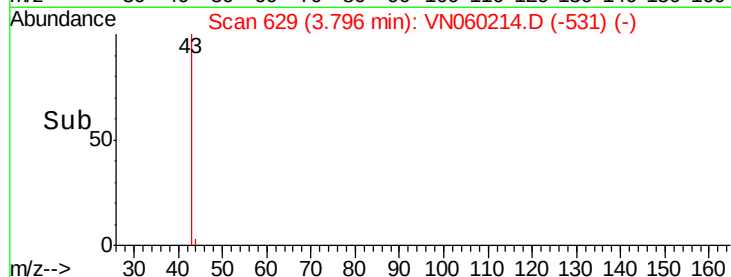
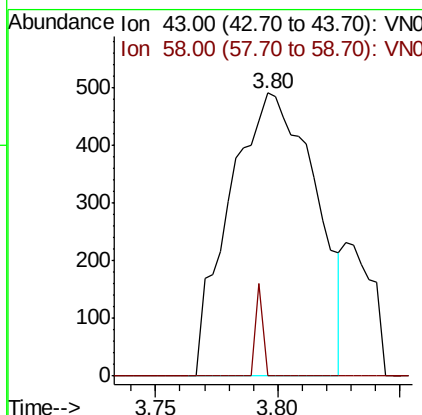
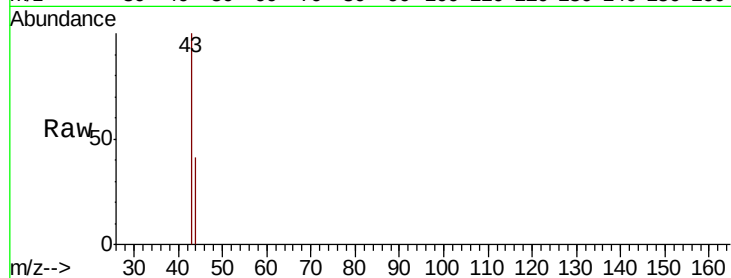




#16
Acetone
Concen: 1.244 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.02 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

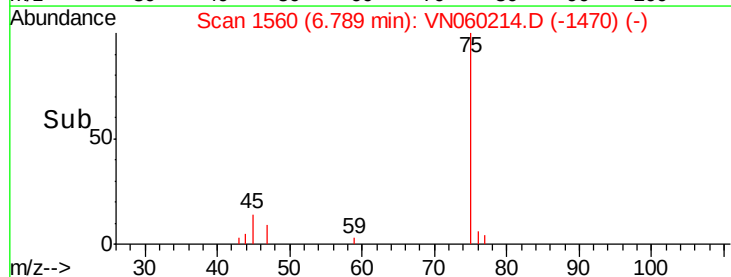
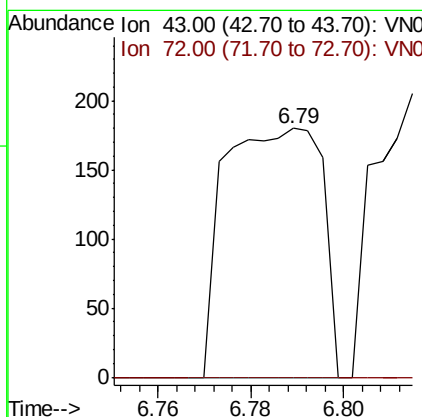
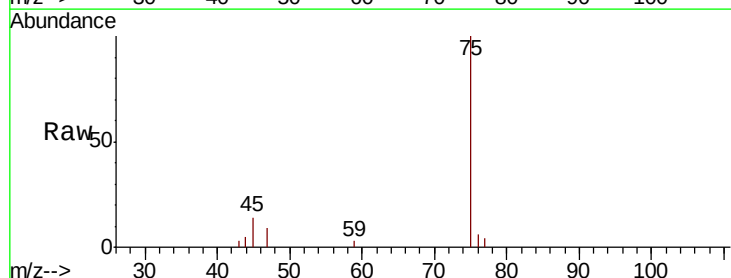
Instrument :
MSVOA_N
ClientSampled :

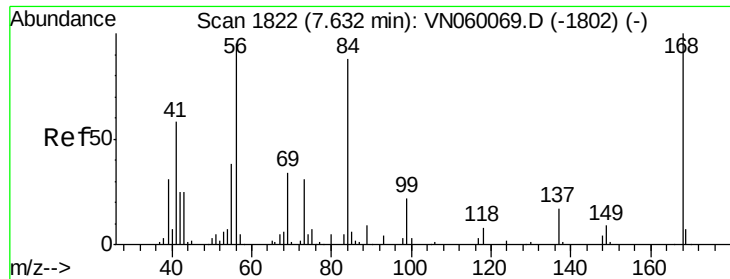
Tot Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#25
2-Butanone
Concen: 0.217 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

Tgt Ion: 43 Resp: 261
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#

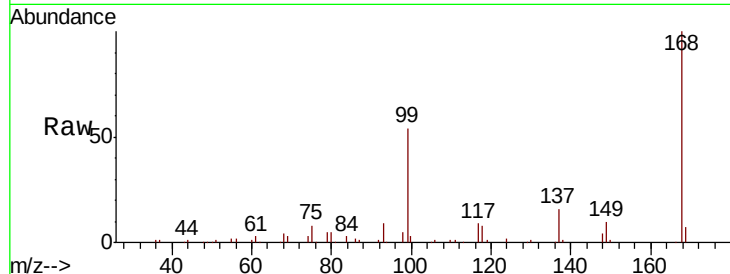




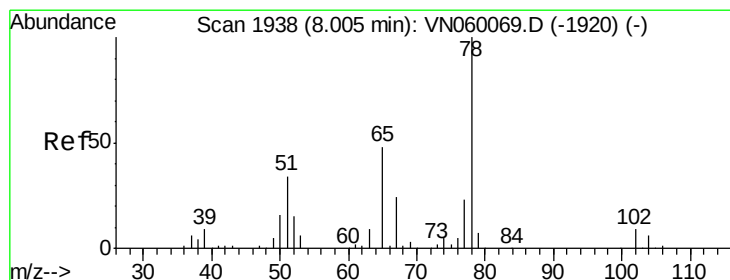
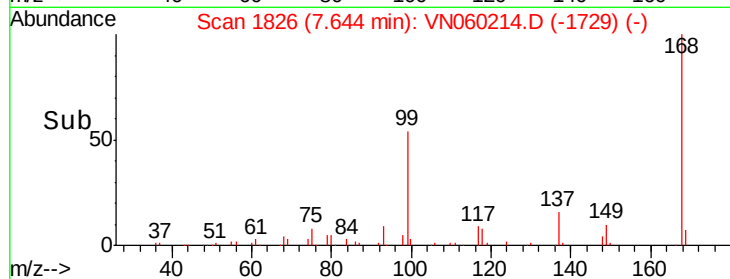
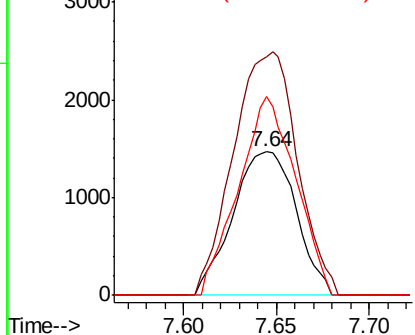
#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 3486
Ion Ratio Lower Upper
56 100
69 166.1 28.3 42.5#
84 138.0 72.6 108.8#

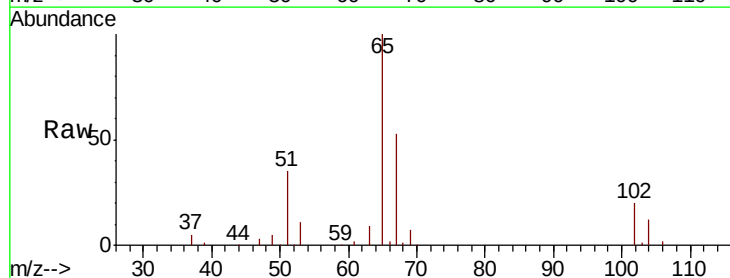


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

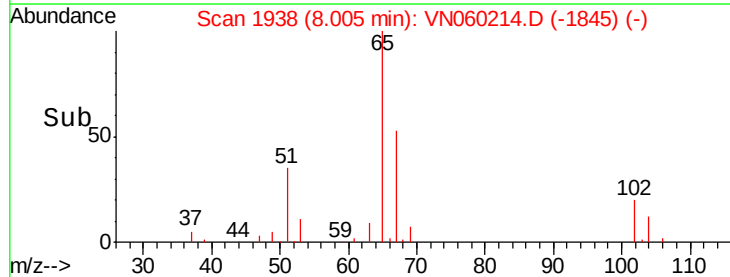
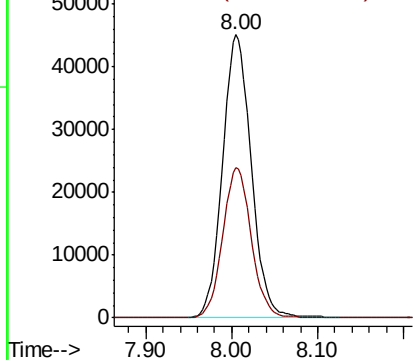


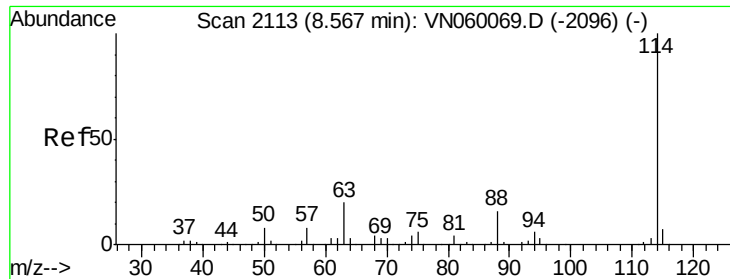
#33
1,2-Dichloroethane-d4
Concen: 47.670 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

Tgt Ion: 65 Resp: 104711
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

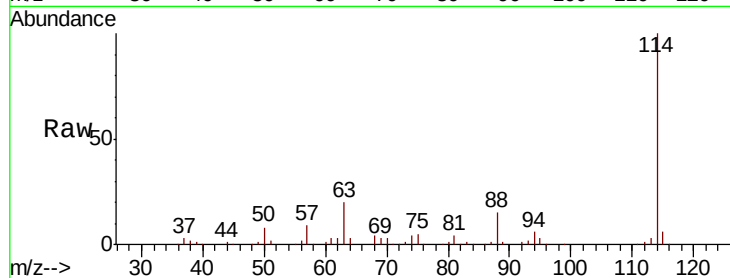




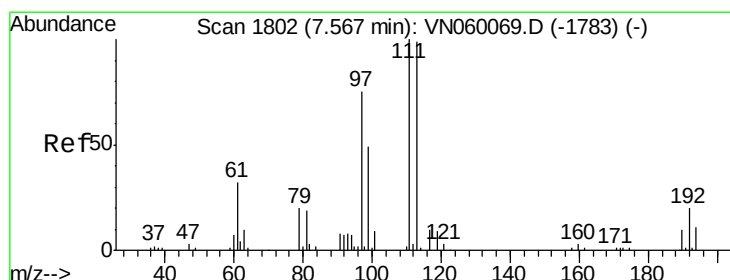
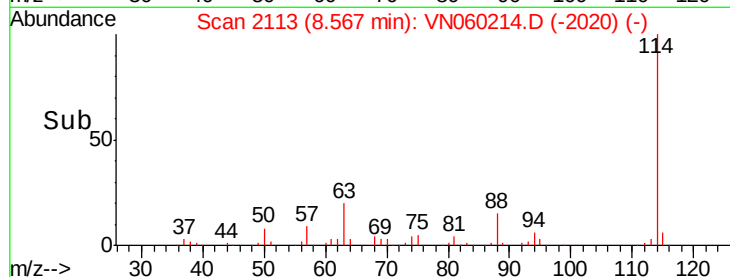
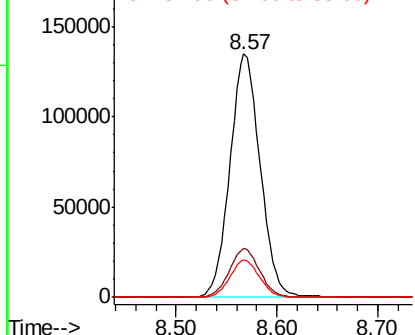
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 281506
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.3 0.0 31.6

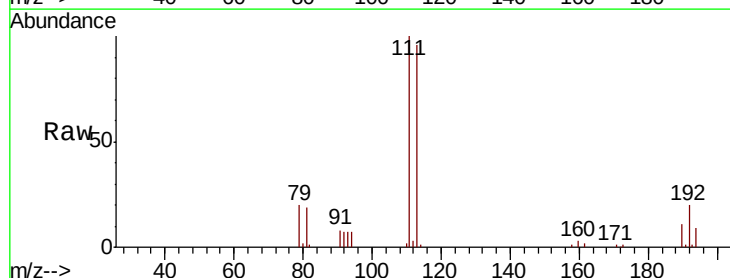


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

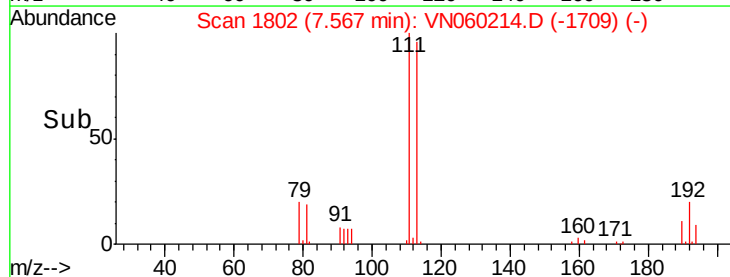
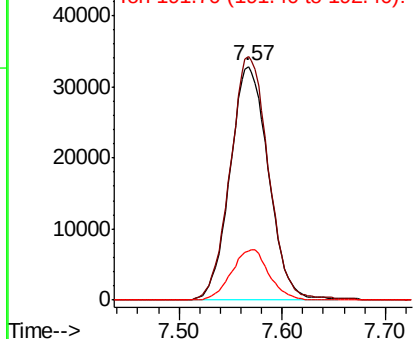


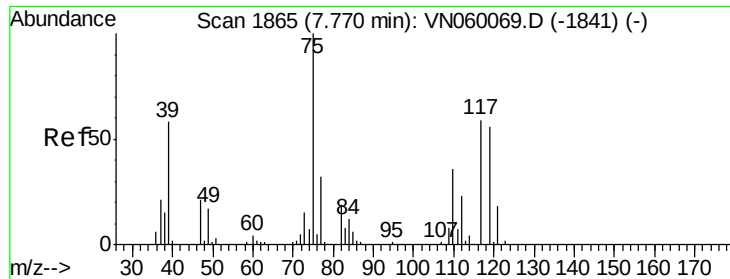
#35
Dibromofluoromethane
Concen: 49.267 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

Tgt Ion:113 Resp: 85252
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 21.0 16.2 24.2



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

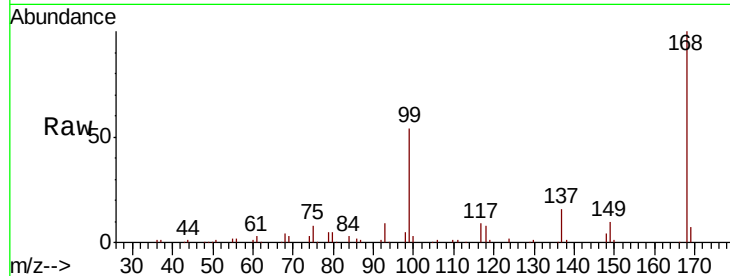




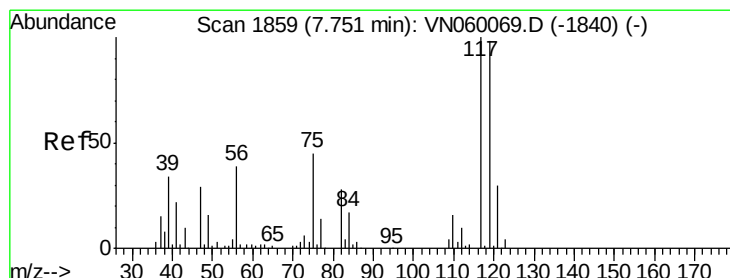
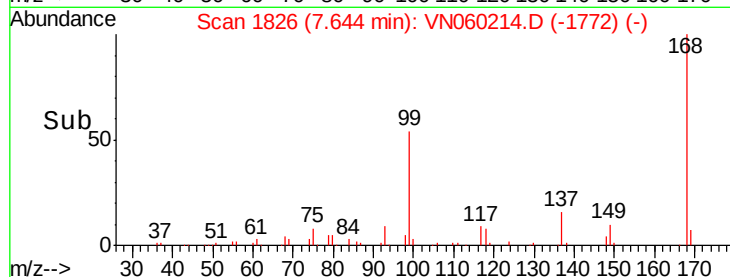
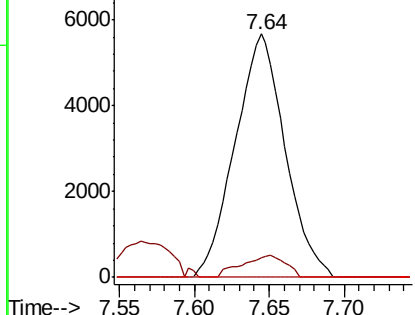
#36
 1,1-Dichloropropene
 Concen: 5.039 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060214.D
 Acq: 24 Feb 2020 17:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	75	Resp	13140
Ion Ratio	Lower	Upper	
75	100		
110	7.9	18.1	54.3#
77	0.0	25.1	37.7#

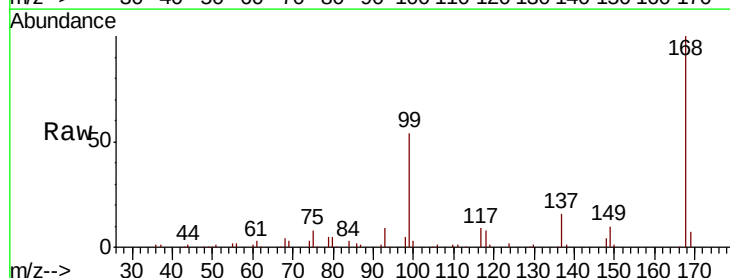


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-1841) (-)
 Ion 109.90 (109.60 to 110.60): VN060069.D (-1841) (-)
 Ion 76.90 (76.60 to 77.60): VN060069.D (-1841) (-)

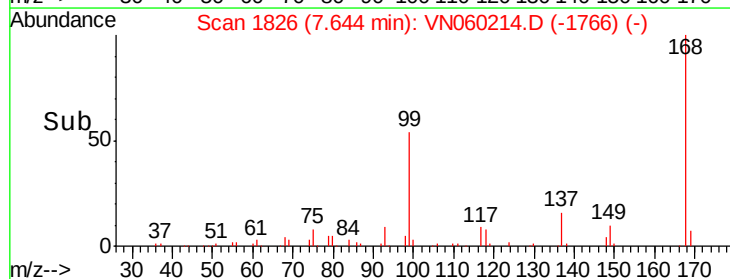
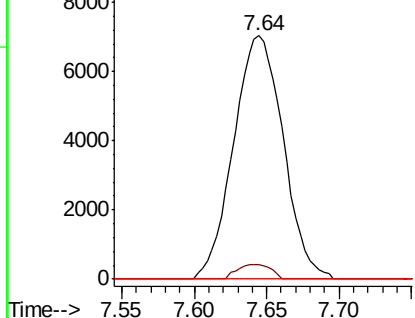


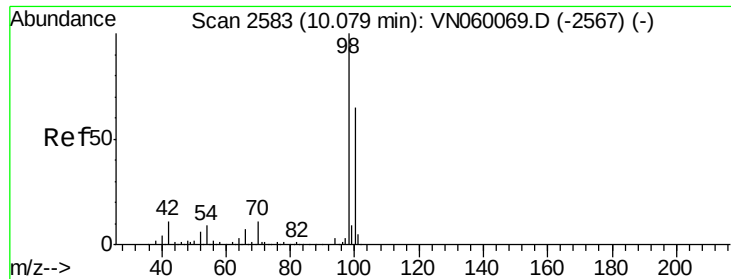
#38
 Carbon Tetrachloride
 Concen: 5.910 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060214.D
 Acq: 24 Feb 2020 17:07

Tgt Ion	117	Resp	16736
Ion Ratio	Lower	Upper	
117	100		
119	5.9	78.2	117.4#
121	0.0	24.2	36.2#



Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-1840) (-)
 Ion 118.80 (118.50 to 119.50): VN060069.D (-1840) (-)
 Ion 120.80 (120.50 to 121.50): VN060069.D (-1840) (-)





#50

Toluene-d8

Concen: 49.570 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060214.D

Acq: 24 Feb 2020 17:07

Instrument :

MSVOA_N

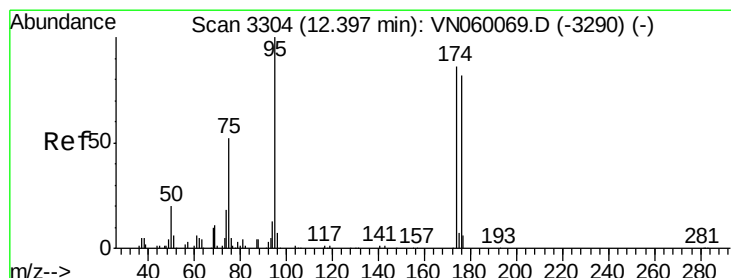
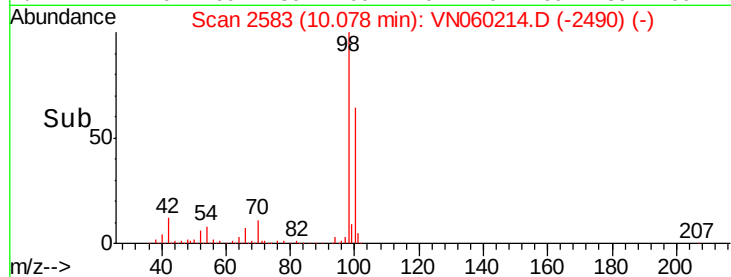
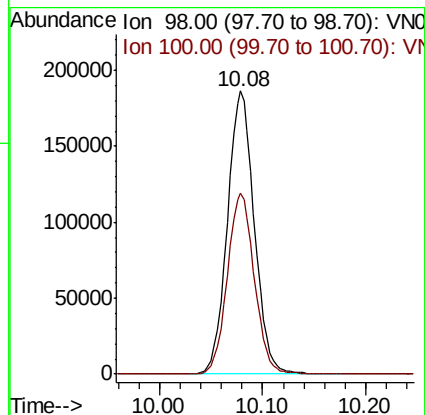
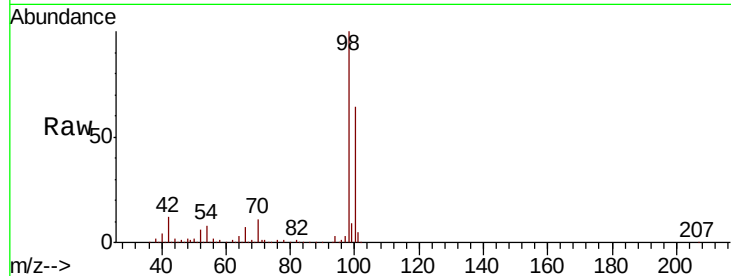
ClientSampleId :

Tot Ion: 98 Resp: 337786

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.913 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN060214.D

Acq: 24 Feb 2020 17:07

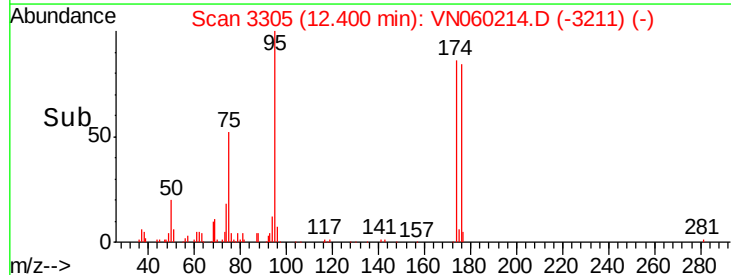
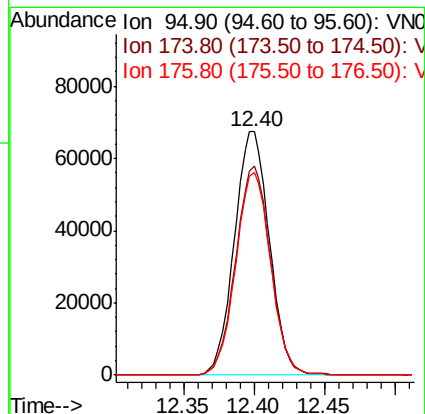
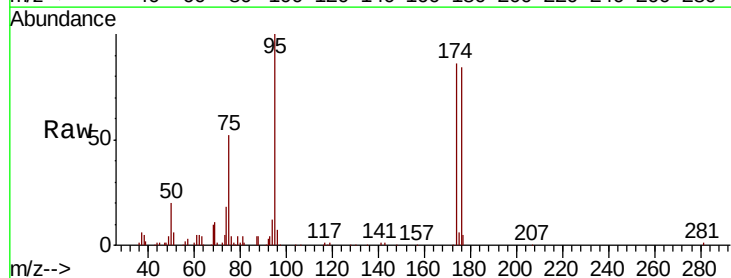
Tgt Ion: 95 Resp: 117467

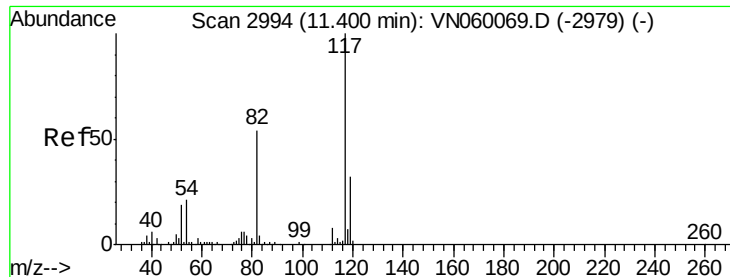
Ion Ratio Lower Upper

95 100

174 85.4 0.0 169.8

176 83.1 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060214.D

Acq: 24 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

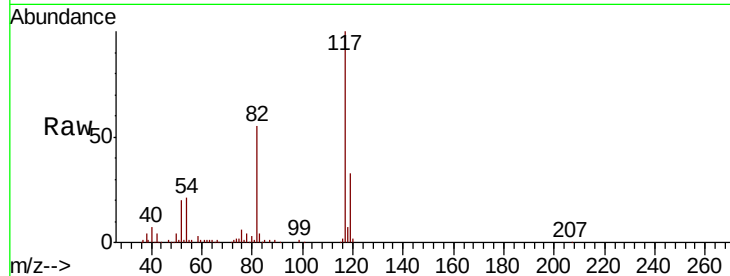
Tot Ion:117 Resp: 256047

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

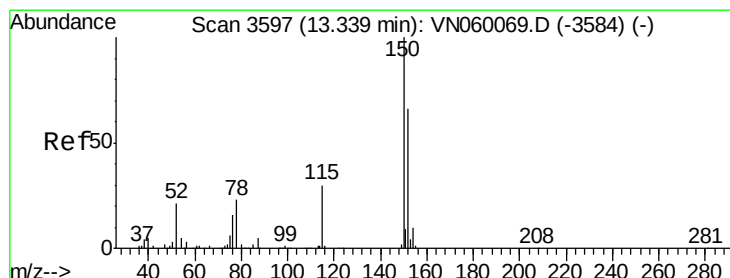
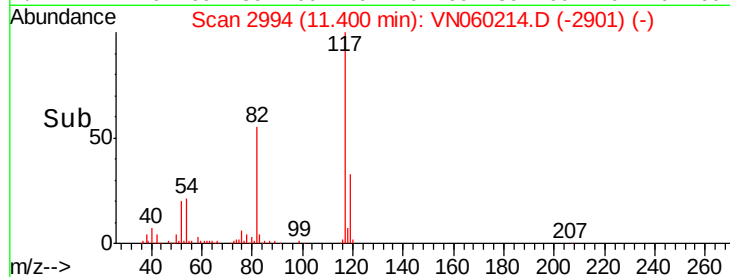
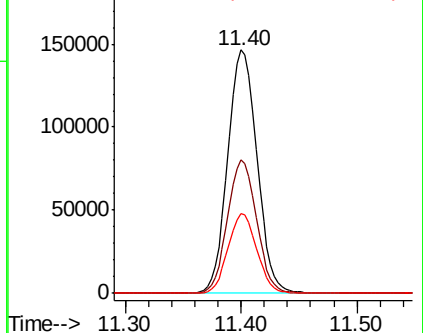
119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060214.D

Acq: 24 Feb 2020 17:07

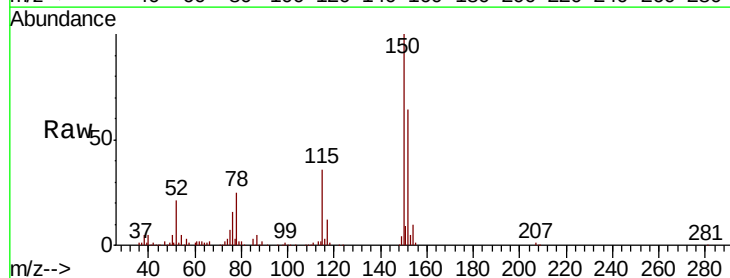
Tgt Ion:152 Resp: 111896

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.8

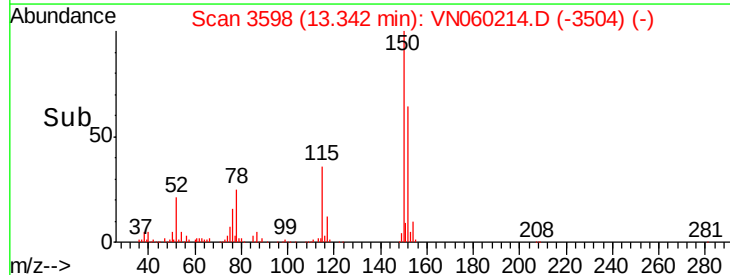
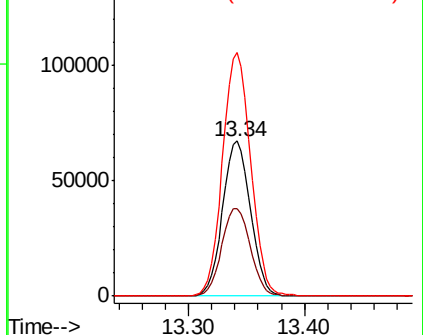
150 158.1 0.0 342.4

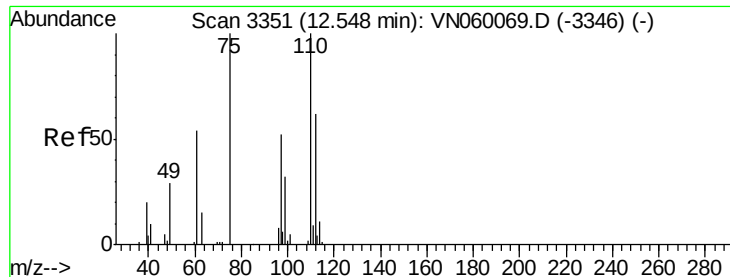


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.608 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060214.D

Acq: 24 Feb 2020 17:07

Instrument :

MSVOA_N

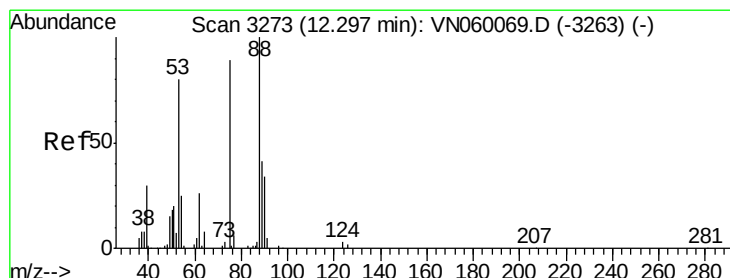
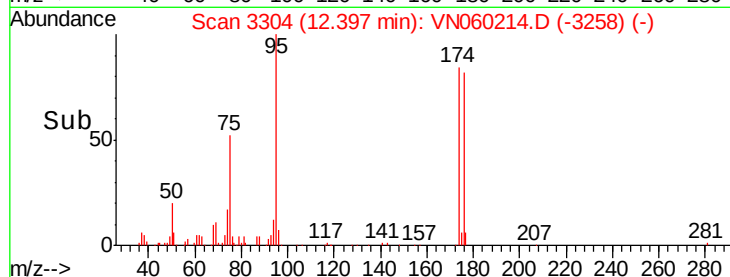
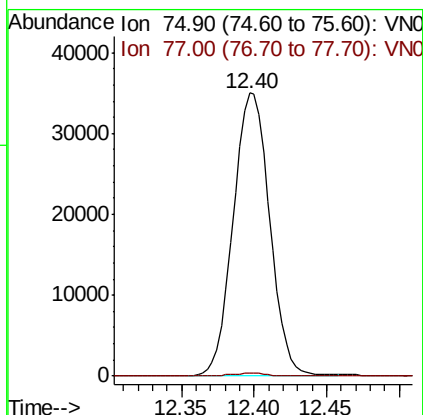
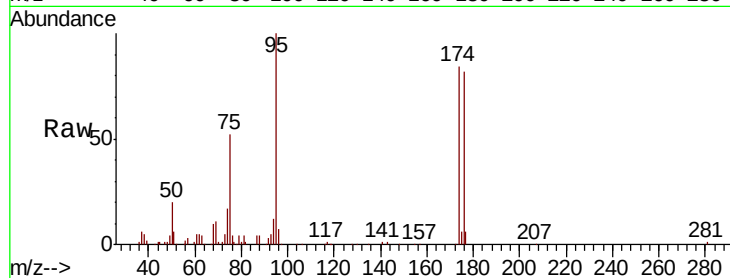
ClientSampleId :

Tot Ion: 75 Resp: 61245

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.048 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060214.D

Acq: 24 Feb 2020 17:07

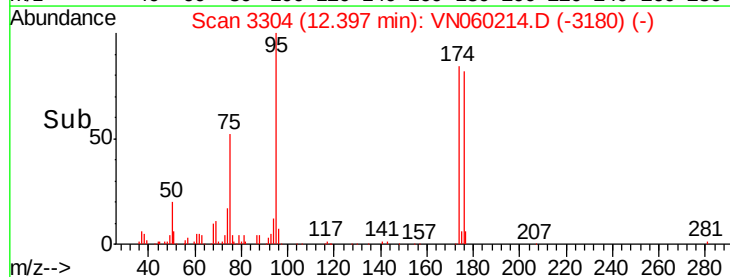
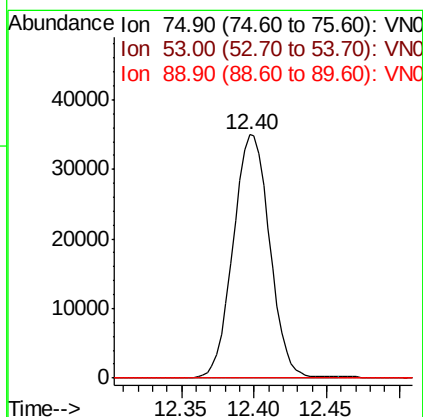
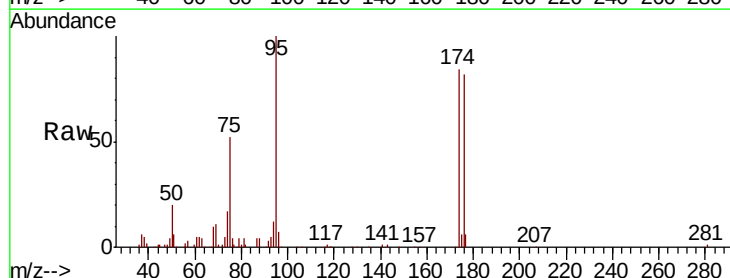
Tgt Ion: 75 Resp: 61245

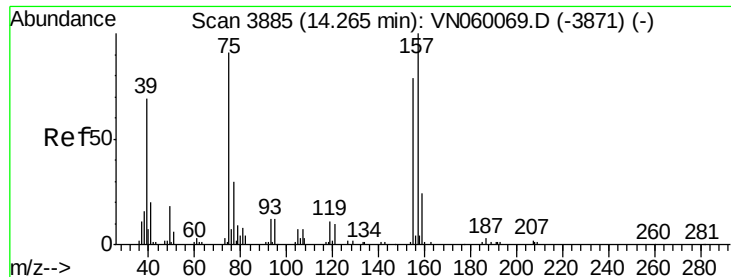
Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.0 55.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060214.D

Acq: 24 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 31

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#

