

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060112.D
 Acq On : 17 Feb 2020 12:28
 Operator : JC/MD
 Sample : VN0217WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 17 13:58:24 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	197294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	122669	51.10	ug/l	0.00
Spiked Amount						
			Recovery	=	102.20%	
35) Dibromofluoromethane	7.57	113	95104	49.14	ug/l	0.00
Spiked Amount						
			Recovery	=	98.28%	
50) Toluene-d8	10.08	98	385112	50.53	ug/l	0.00
Spiked Amount						
			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	137020	48.93	ug/l	0.00
Spiked Amount						
			Recovery	=	97.86%	

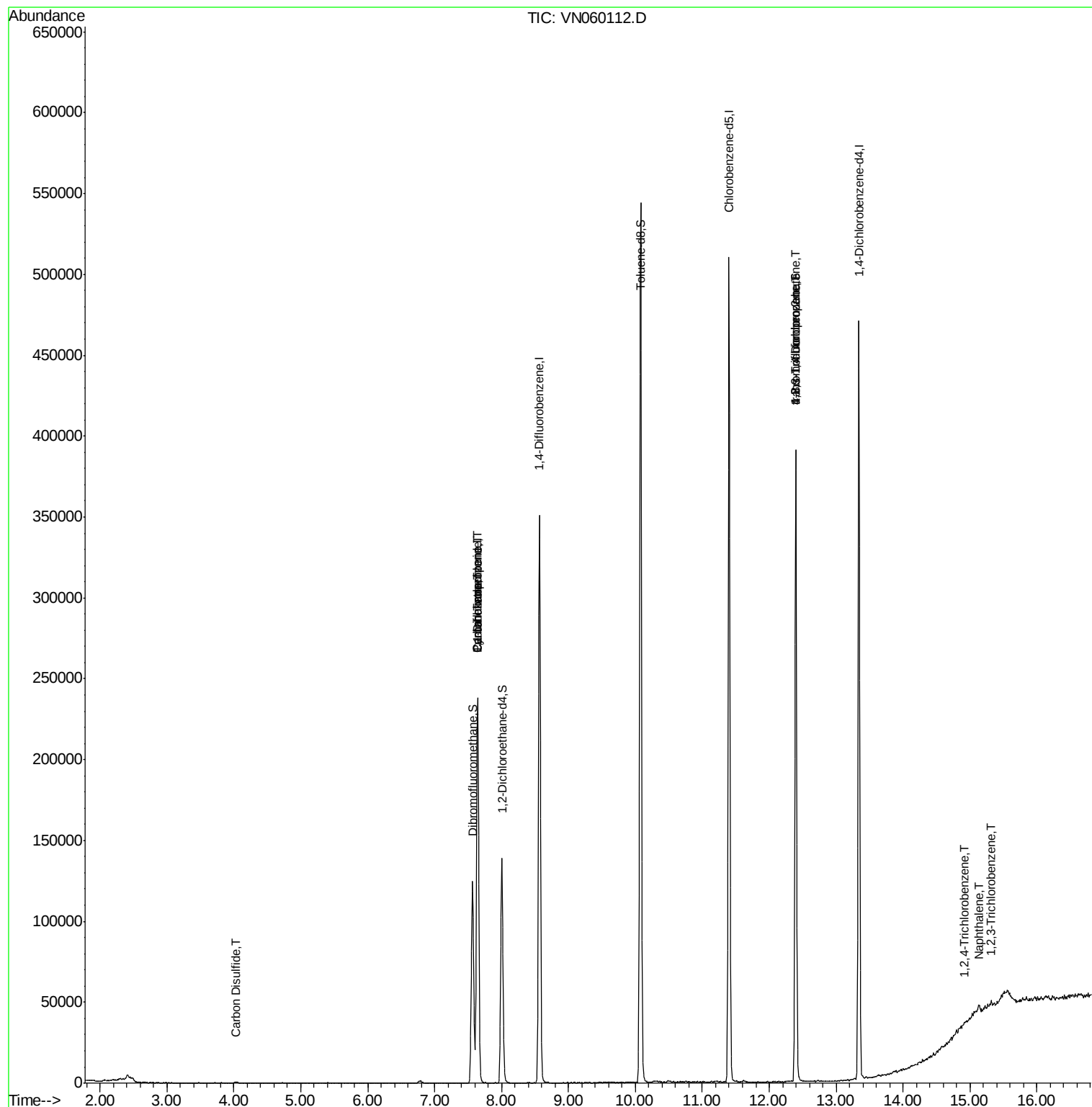
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.03	76	1283	0.228	ug/l #	76
31) Cyclohexane	7.64	56	4385	1.291	ug/l #	21
36) 1,1-Dichloropropene	7.64	75	15135	5.190	ug/l #	48
38) Carbon Tetrachloride	7.64	117	19100	6.031	ug/l #	15
76) 1,2,3-Trichloropropane	12.40	75	70694	29.866	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	70694	73.127	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	812	0.348	ug/l #	68
95) Naphthalene	15.13	128	3036	0.482	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	913	0.393	ug/l	83

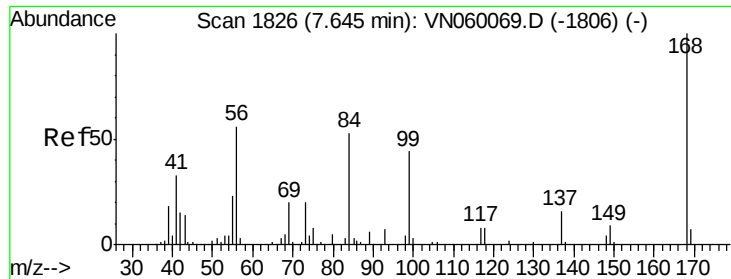
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021720\
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Quant Time: Feb 17 13:58:24 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: VN060112.D

Acq: 17 Feb 2020 12:28

Instrument :

MSVOA_N

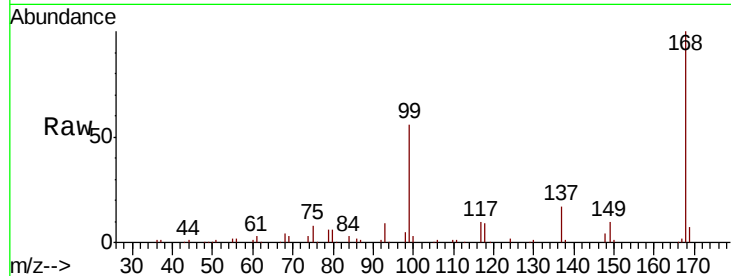
ClientSampleId :

Tot Ion:168 Resp: 197294

Ion Ratio Lower Upper

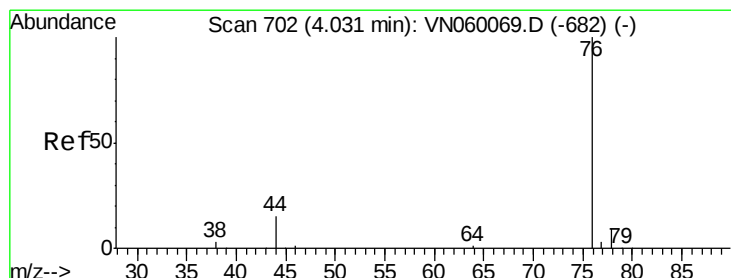
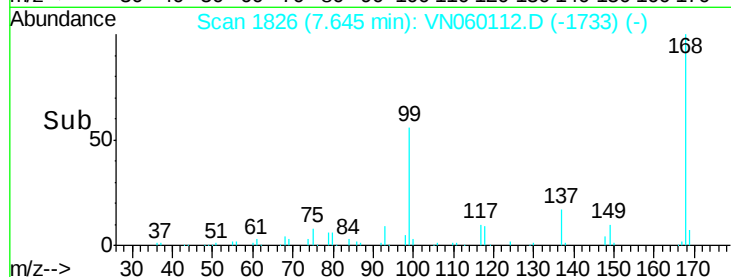
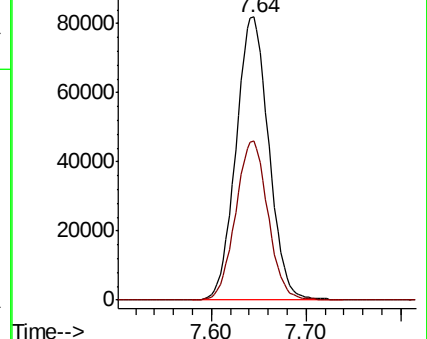
168 100

99 56.1 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#17

Carbon Disulfide

Concen: 0.228 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060112.D

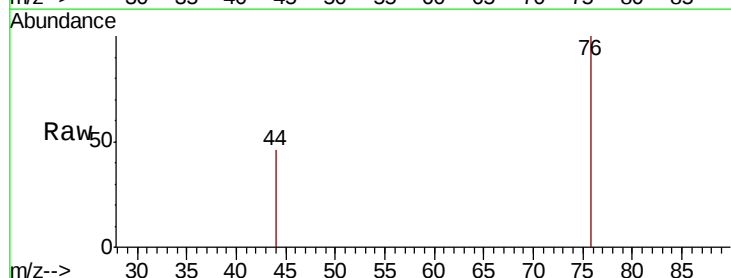
Acq: 17 Feb 2020 12:28

Tgt Ion: 76 Resp: 1283

Ion Ratio Lower Upper

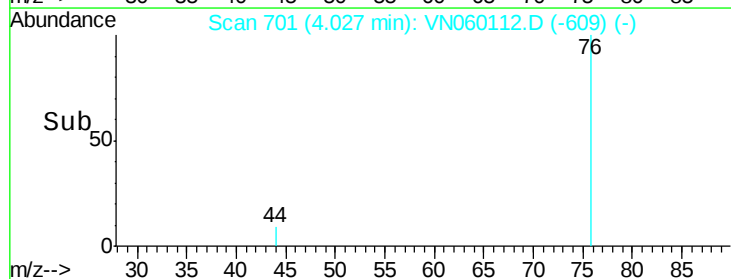
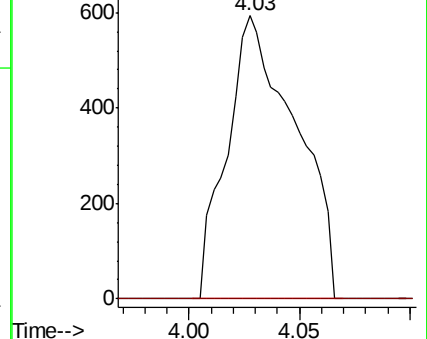
76 100

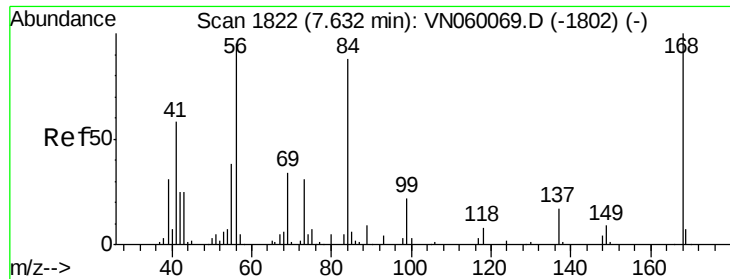
78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN

Ion 77.90 (77.60 to 78.60): VN

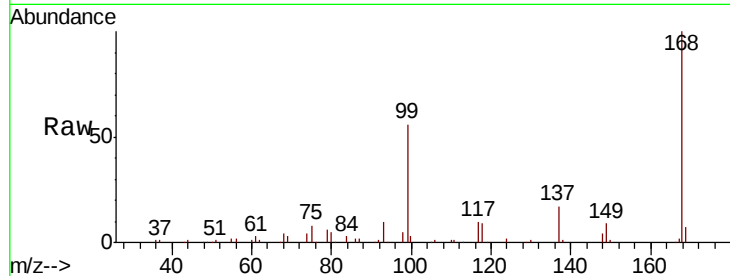




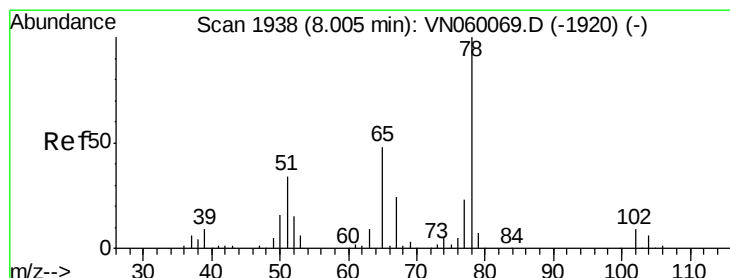
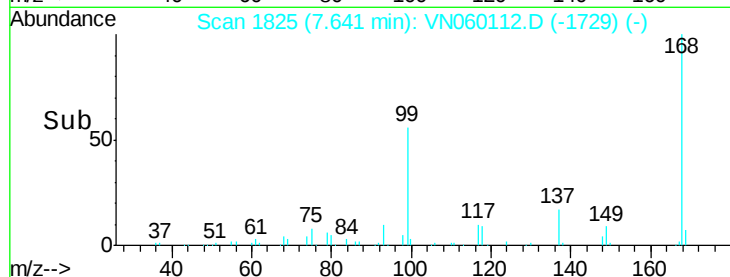
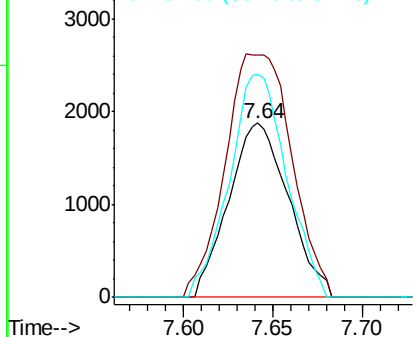
#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN060112.D
Acq: 17 Feb 2020 12:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 4385
Ion Ratio Lower Upper
56 100
69 139.5 28.3 42.5#
84 128.6 72.6 108.8#

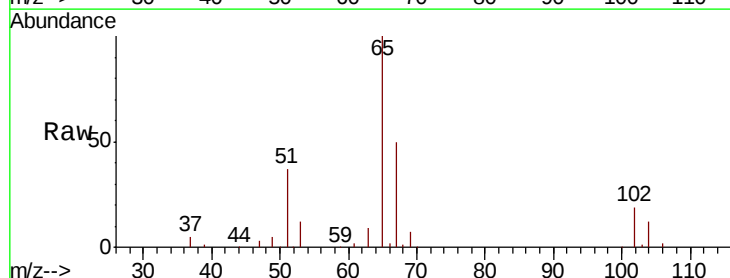


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

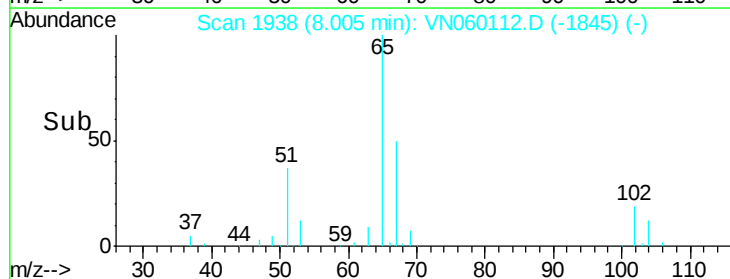
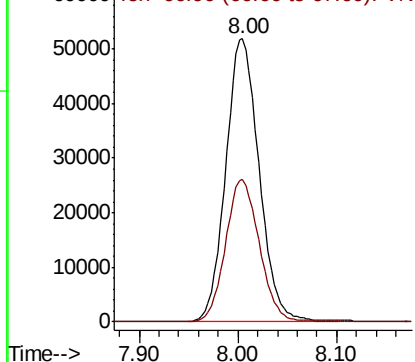


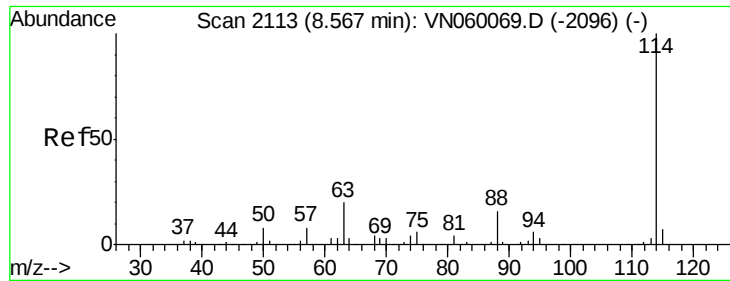
#33
1,2-Dichloroethane-d4
Concen: 51.097 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060112.D
Acq: 17 Feb 2020 12:28

Tgt Ion: 65 Resp: 122669
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0



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

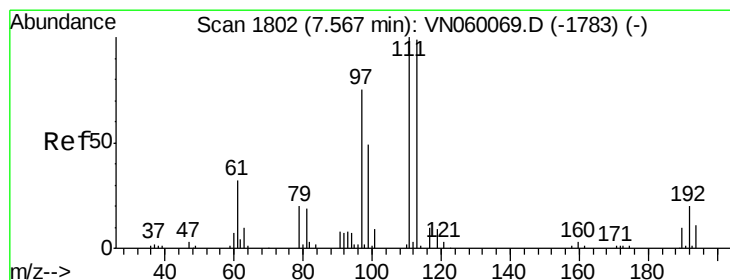
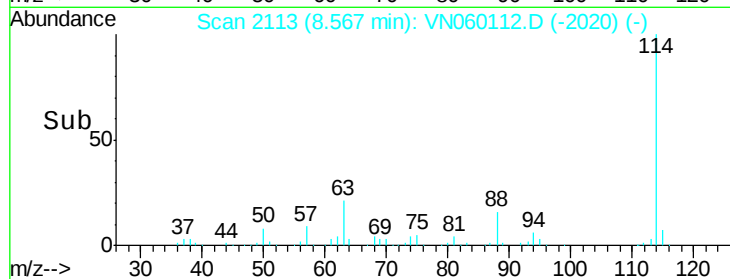
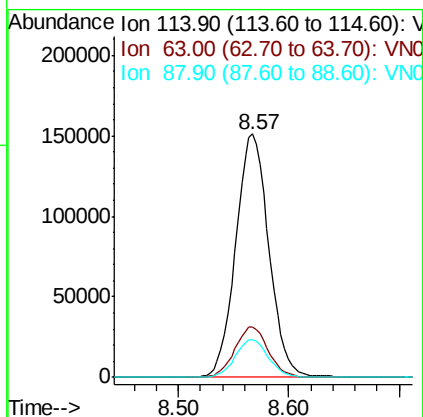
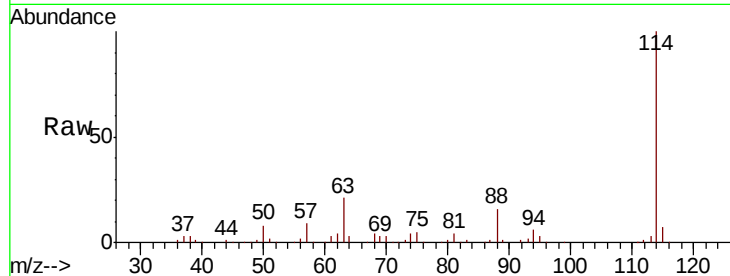




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060112.D
 Acq: 17 Feb 2020 12:28

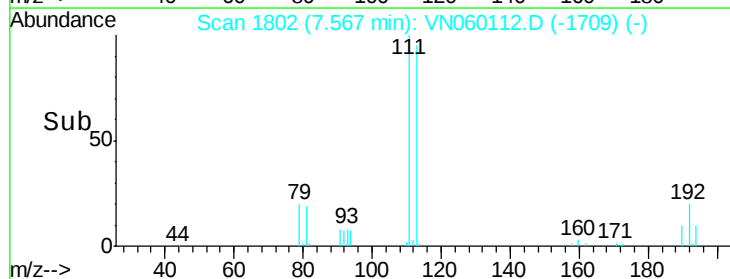
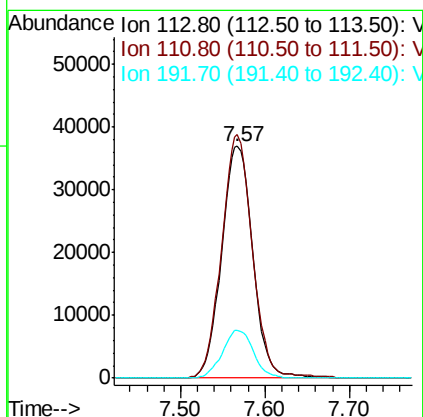
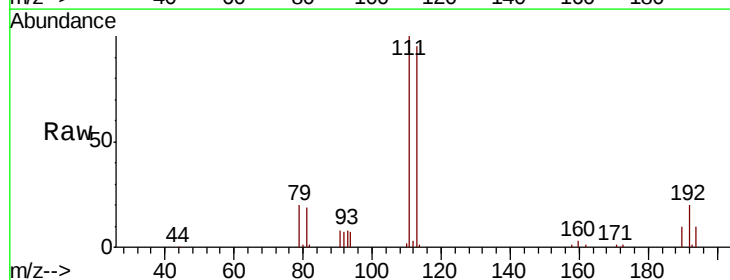
Instrument :
 MSVOA_N
 ClientSampleId :

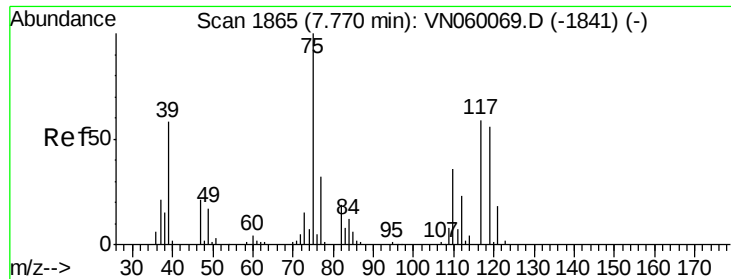
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.0
88	15.5	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 49.143 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060112.D
 Acq: 17 Feb 2020 12:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.2
192	20.5	16.2	24.2

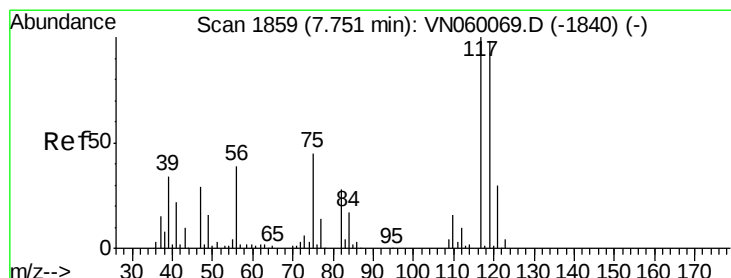
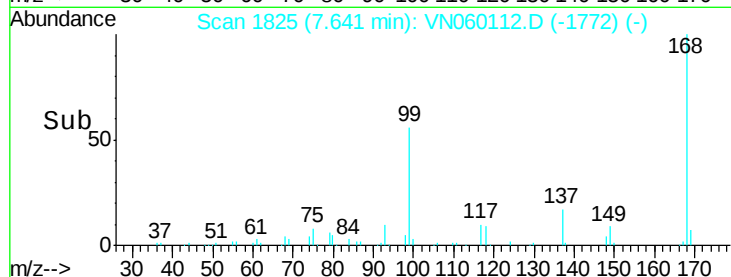
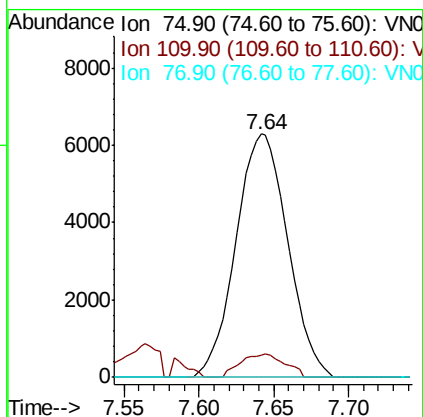
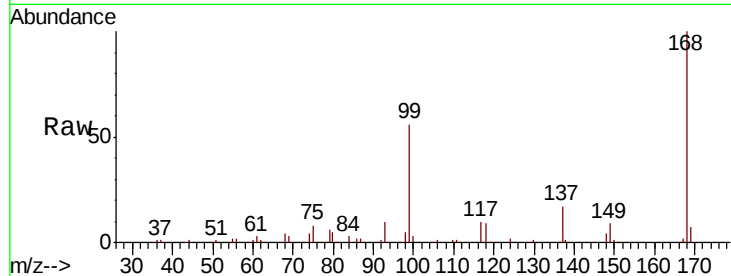




#36
 1,1-Dichloropropene
 Concen: 5.190 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060112.D
 Acq: 17 Feb 2020 12:28

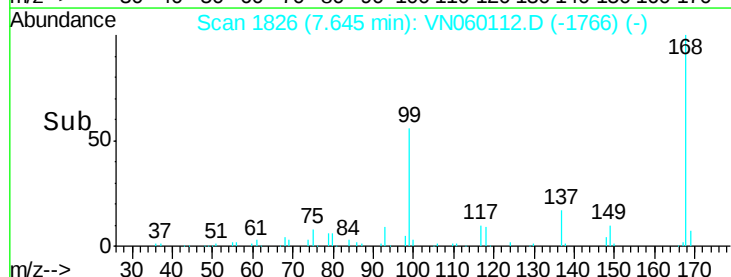
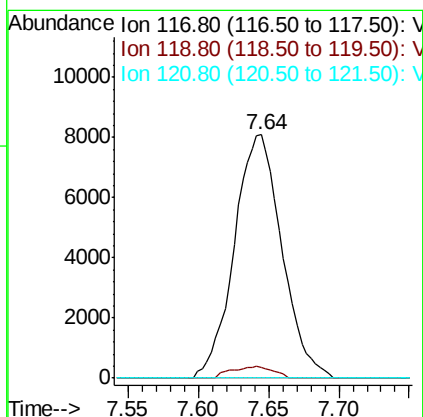
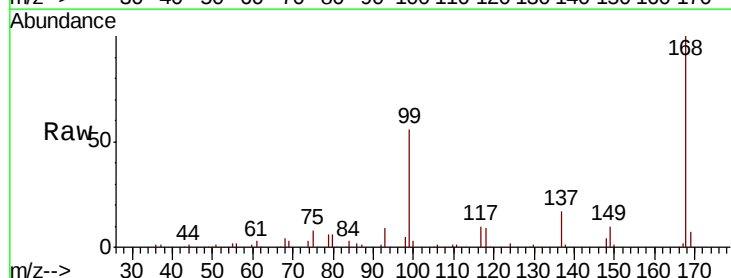
Instrument :
 MSVOA_N
 ClientSampled :

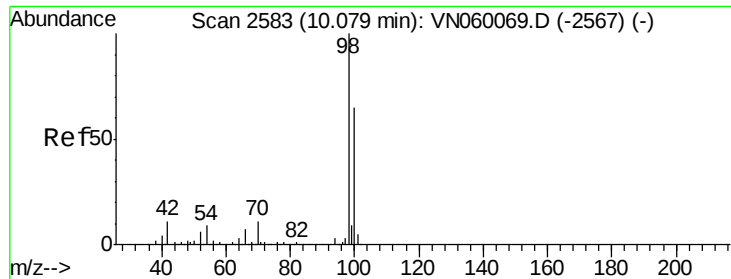
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.3#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.031 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060112.D
 Acq: 17 Feb 2020 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	78.2	117.4#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 50.533 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060112.D

Acq: 17 Feb 2020 12:28

Instrument :

MSVOA_N

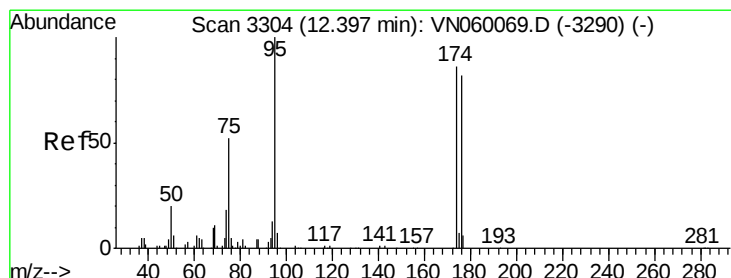
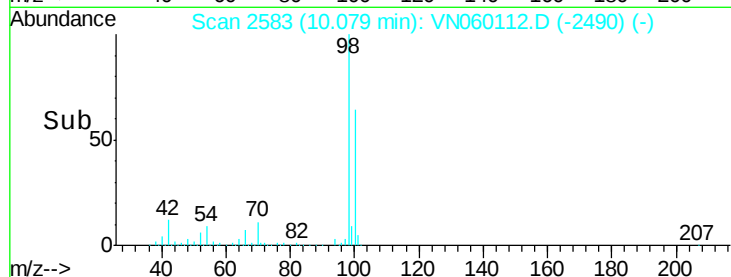
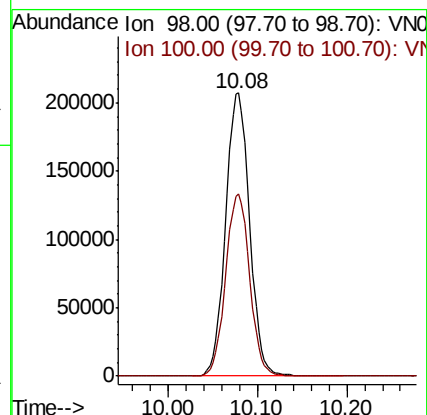
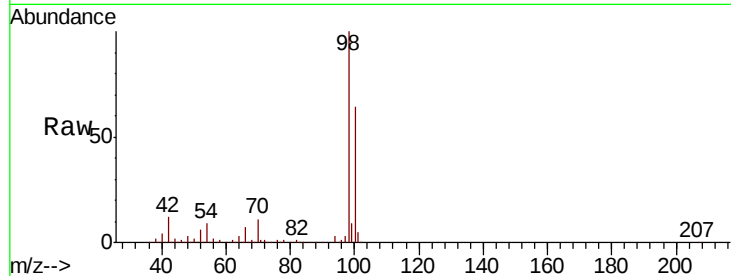
ClientSampleId :

Tot Ion: 98 Resp: 385112

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.930 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060112.D

Acq: 17 Feb 2020 12:28

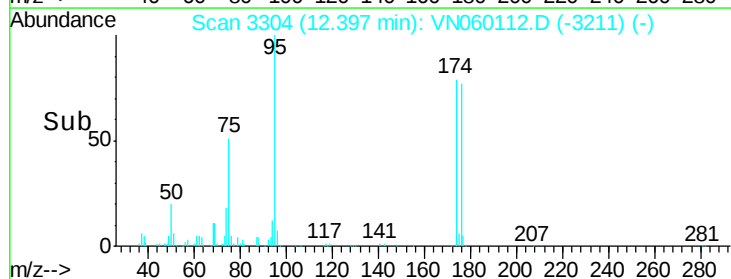
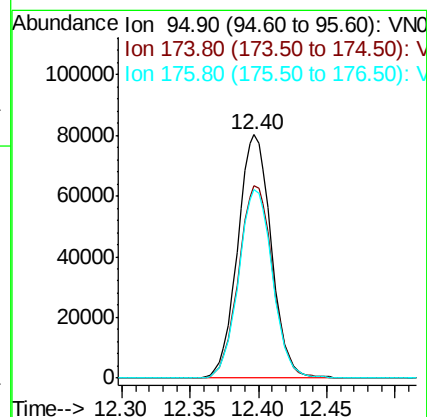
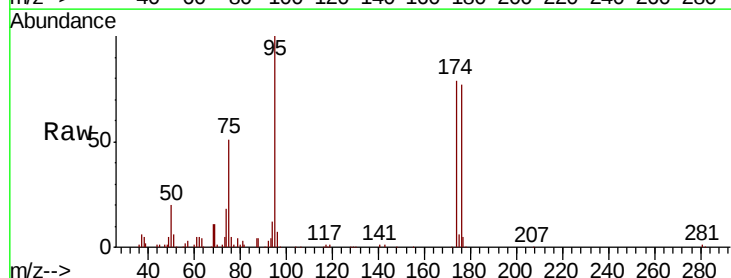
Tgt Ion: 95 Resp: 137020

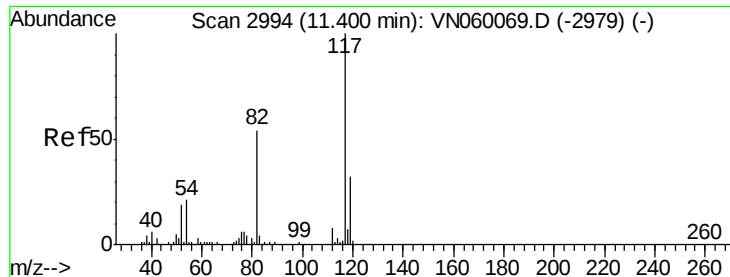
Ion Ratio Lower Upper

95 100

174 80.7 0.0 169.8

176 78.2 0.0 164.8

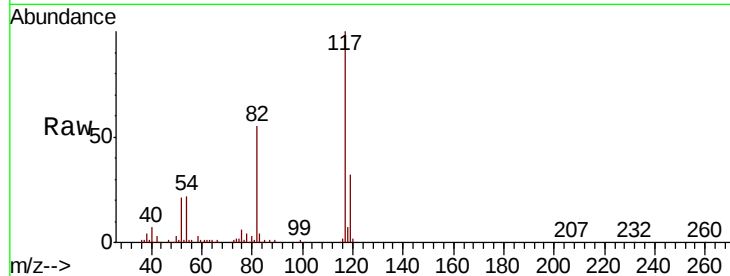




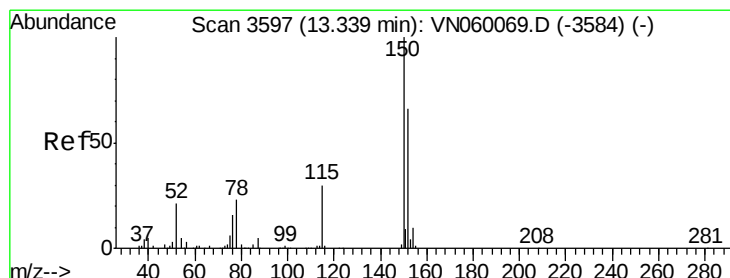
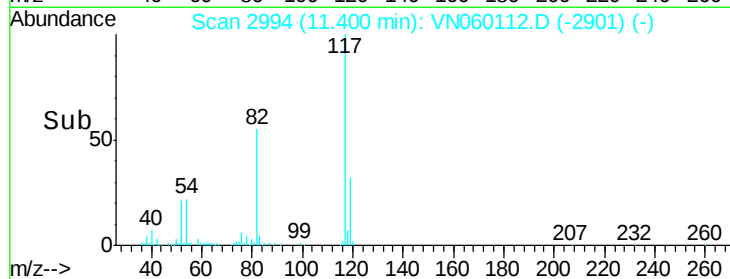
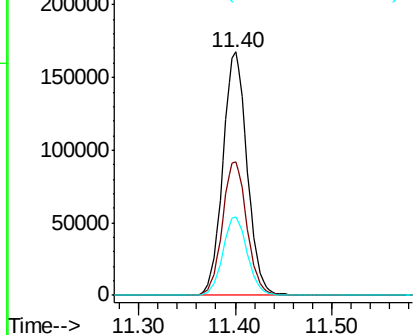
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060112.D
Acq: 17 Feb 2020 12:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 291723
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.2 25.8 38.6

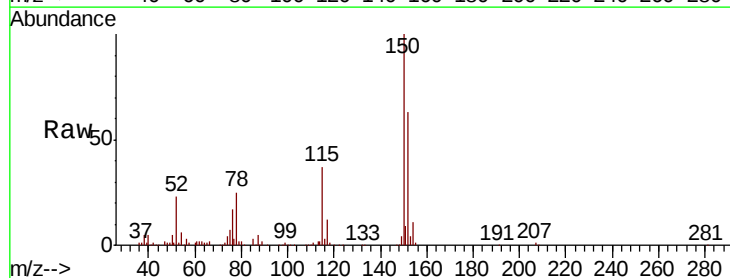


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

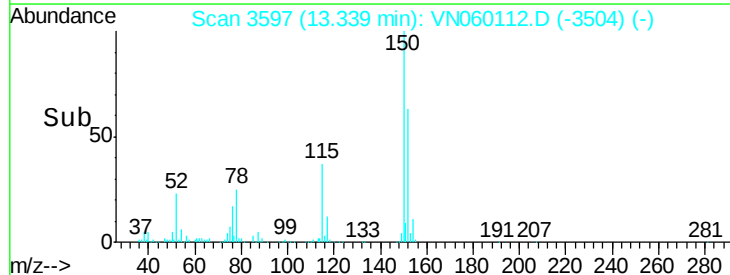
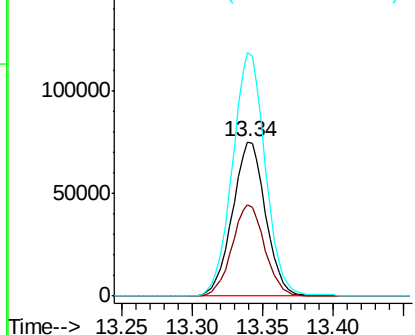


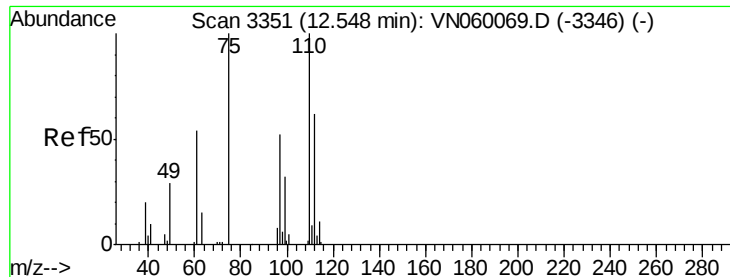
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060112.D
Acq: 17 Feb 2020 12:28

Tgt Ion:152 Resp: 123721
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 156.9 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: 29.866 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060112.D

Acq: 17 Feb 2020 12:28

Instrument :

MSVOA_N

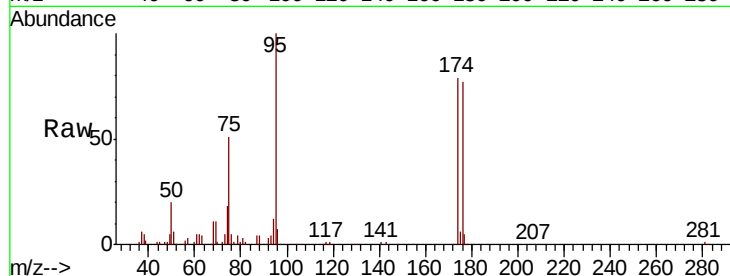
ClientSampleId :

Tot Ion: 75 Resp: 70694

Ion Ratio Lower Upper

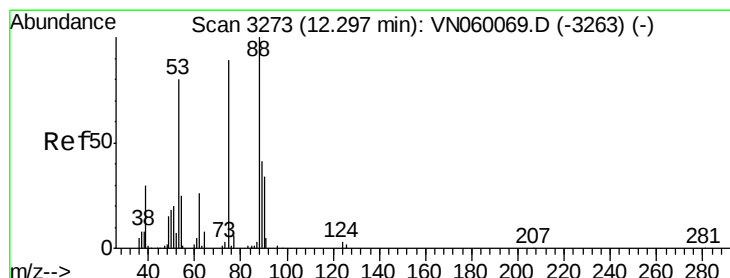
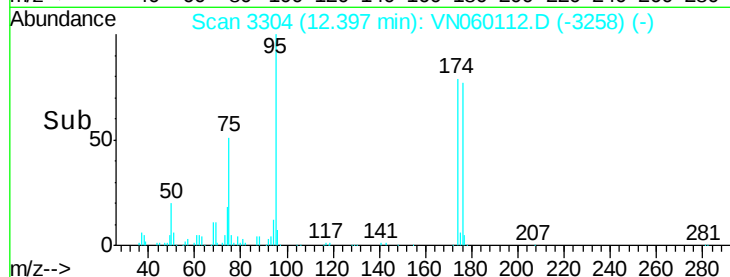
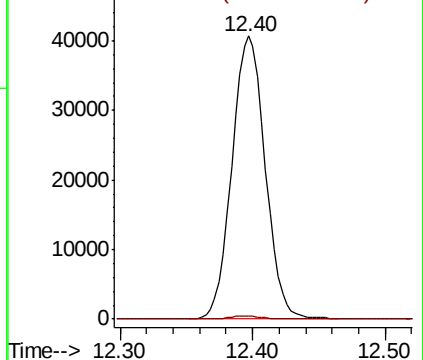
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 73.127 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060112.D

Acq: 17 Feb 2020 12:28

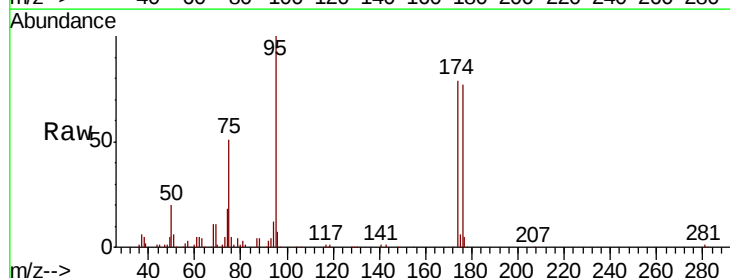
Tgt Ion: 75 Resp: 70694

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

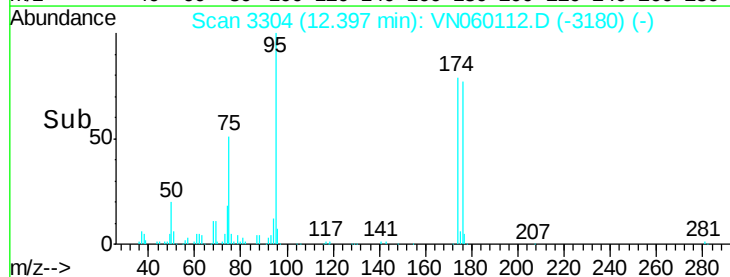
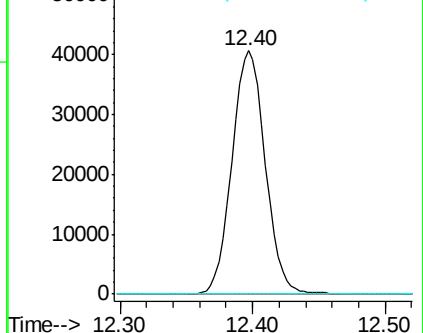
89 0.0 37.0 55.4#

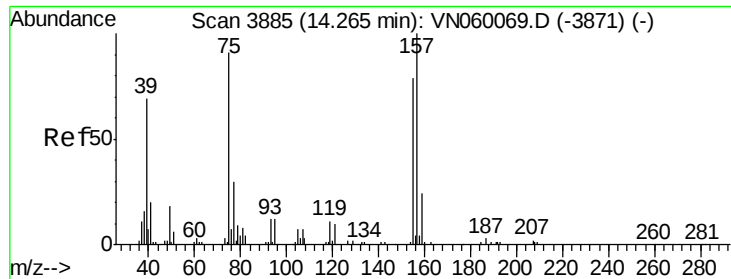


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3887

Delta R.T. 0.01 min

Lab File: VN060112.D

Acq: 17 Feb 2020 12:28

Instrument :

MSVOA_N

ClientSampleId :

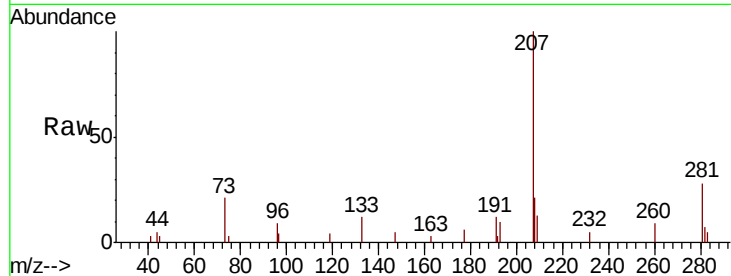
Tot Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#

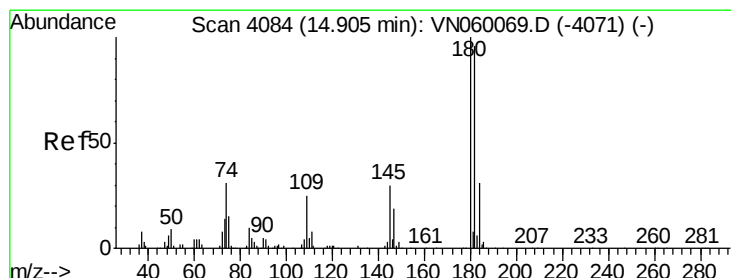
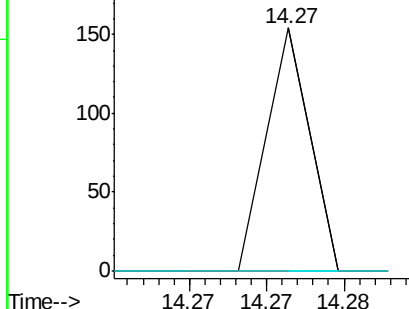
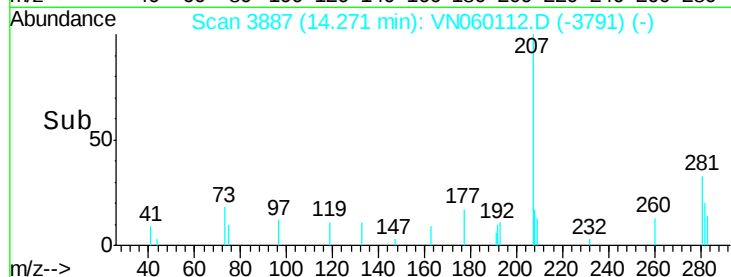


Abundance Ion 74.90 (74.60 to 75.60): VN060112.D (-3791) (-)

Ion 154.80 (154.50 to 155.50): VN060112.D (-3791) (-)

Ion 156.80 (156.50 to 157.50): VN060112.D (-3791) (-)

14.27



#93

1,2,4-Trichlorobenzene

Concen: 0.348 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060112.D

Acq: 17 Feb 2020 12:28

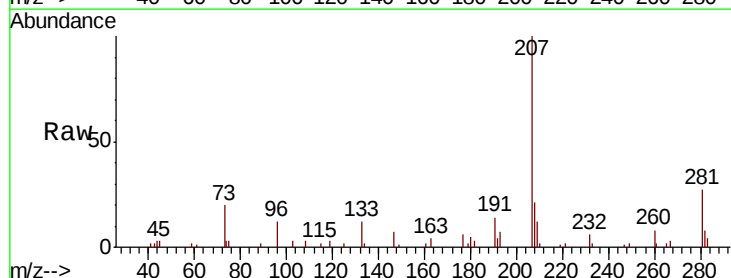
Tgt Ion: 180 Resp: 812

Ion Ratio Lower Upper

180 100

182 67.2 47.9 143.8

145 7.8 15.2 45.5#

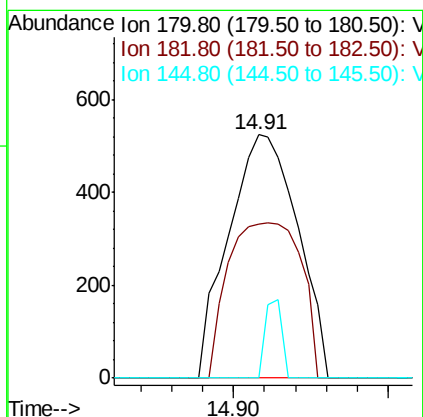
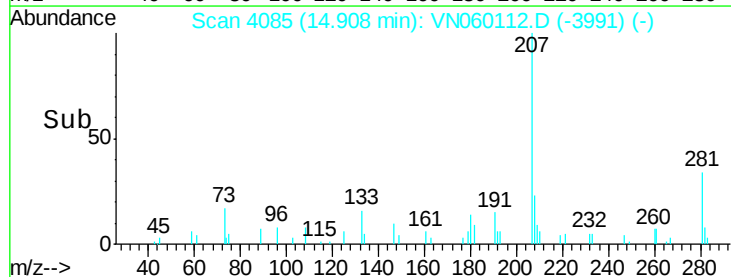


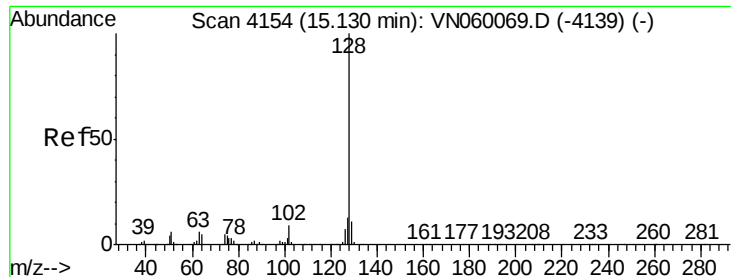
Abundance Ion 179.80 (179.50 to 180.50): VN060112.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN060112.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN060112.D (-3991) (-)

14.91





#95

Naphthalene

Concen: 0.482 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060112.D

Acq: 17 Feb 2020 12:28

Instrument :

MSVOA_N

ClientSampled :

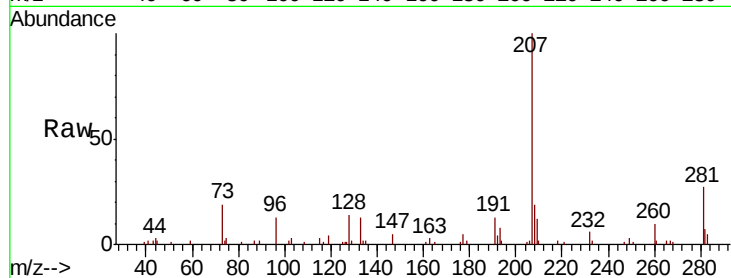
Tot Ion:128 Resp: 3036

Ion Ratio Lower Upper

128 100

127 9.0 10.3 15.5#

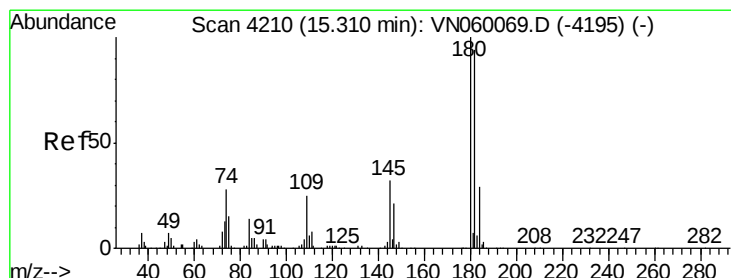
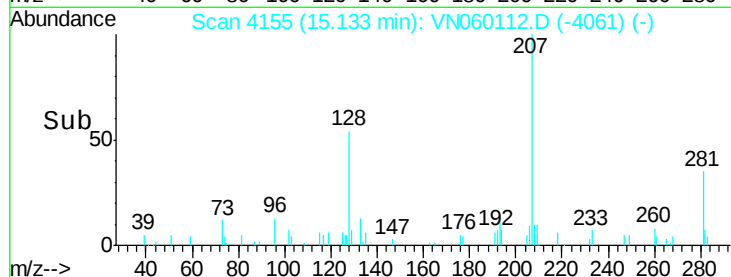
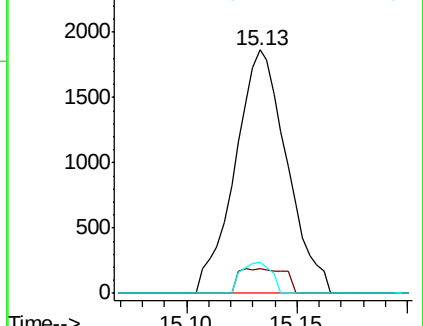
129 7.5 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.393 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.01 min

Lab File: VN060112.D

Acq: 17 Feb 2020 12:28

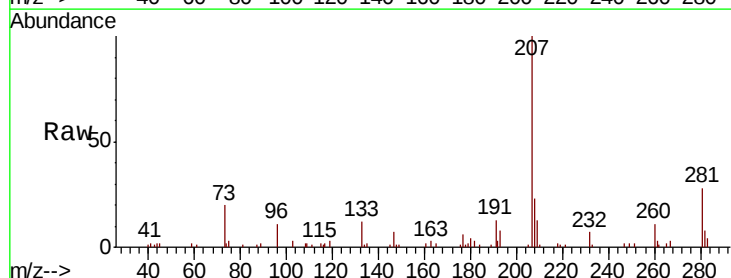
Tgt Ion:180 Resp: 913

Ion Ratio Lower Upper

180 100

182 81.2 47.5 142.5

145 18.2 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

