

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012820\
 Data File : VN059893.D
 Acq On : 28 Jan 2020 13:32
 Operator : JC/MD
 Sample : L1268-01MEDL 100X
 Misc : 2.58g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 28 22:22:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

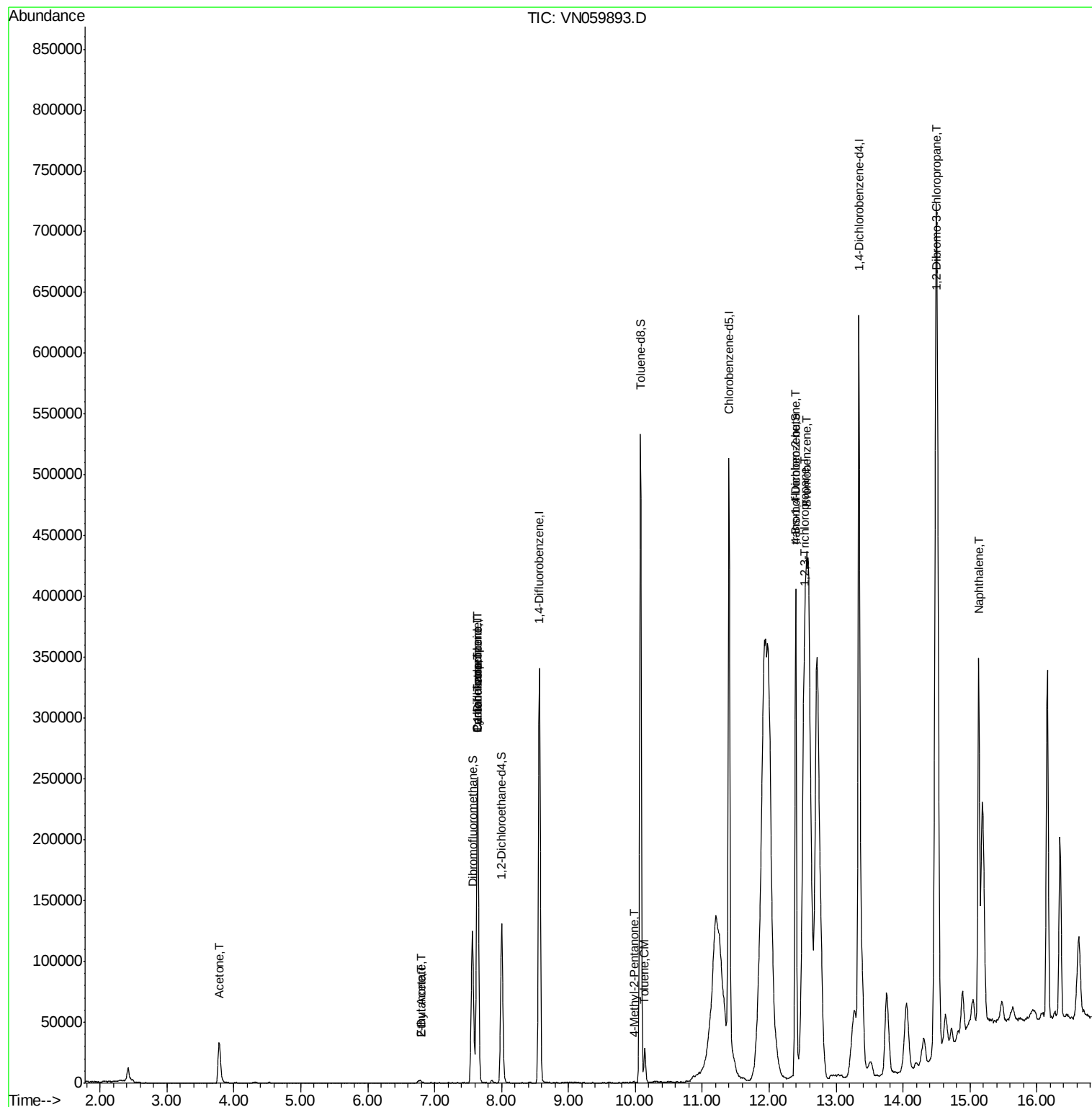
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	212636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	318805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	288603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113289	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	7.56	113	94781	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	10.08	98	375275	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.39	95	133262	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	56484	62.629	ug/l	96
20) Methylene Chloride	4.53	84	251	Below Cal	#	7
25) 2-Butanone	6.81	43	743	0.556	ug/l #	50
31) Cyclohexane	7.64	56	3896	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14905	5.369	ug/l #	49
37) Ethyl Acetate	6.81	43	743	0.285	ug/l #	69
38) Carbon Tetrachloride	7.64	117	19865	6.578	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	755	0.292	ug/l #	60
52) Toluene	10.14	92	11959	2.287	ug/l	96
76) 1,2,3-Trichloropropane	12.52	75	5011	1.932	ug/l #	100
77) Bromobenzene	12.56	156	477762	166.875	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	68789	56.943	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.50	75	42186	60.403	ug/l #	1
95) Naphthalene	15.13	128	262237	31.208	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012820\
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Acq On : 28 Jan 2020 13:32
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Misc : 2.58µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :

Quant Time: Jan 28 22:22:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

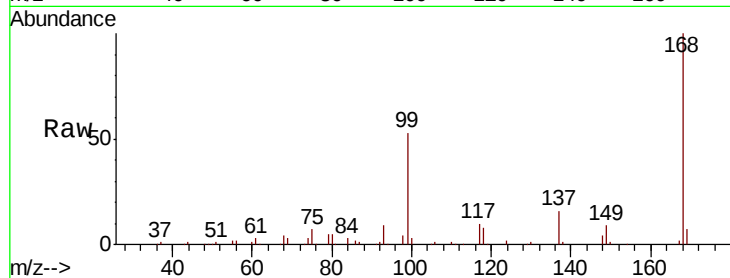
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 212636

Ion Ratio Lower Upper

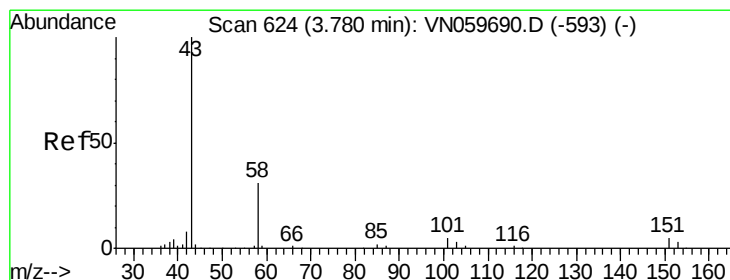
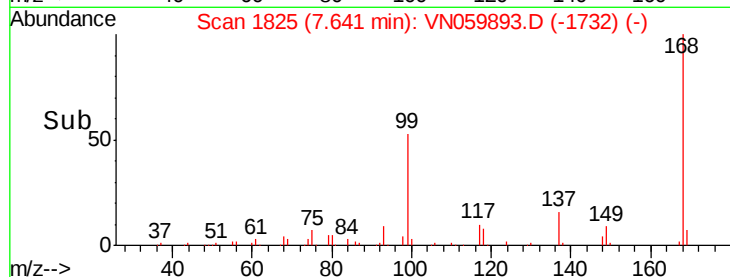
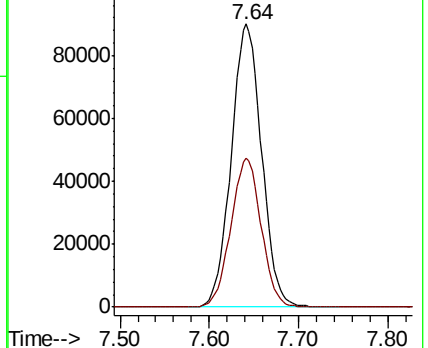
168 100

99 52.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 62.629 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059893.D

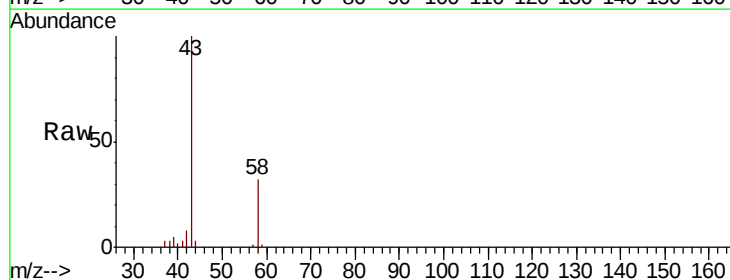
Acq: 28 Jan 2020 13:32

Tgt Ion: 43 Resp: 56484

Ion Ratio Lower Upper

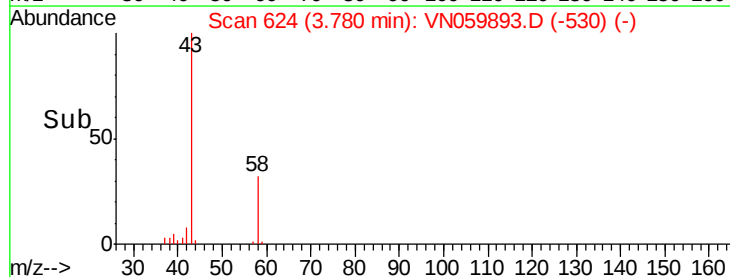
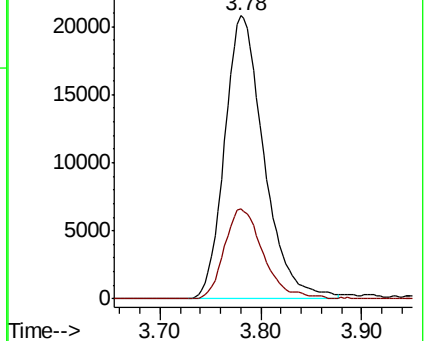
43 100

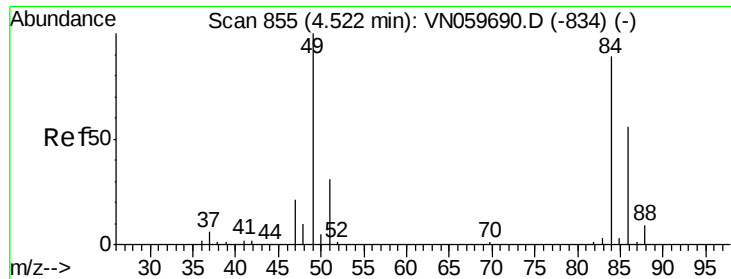
58 31.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

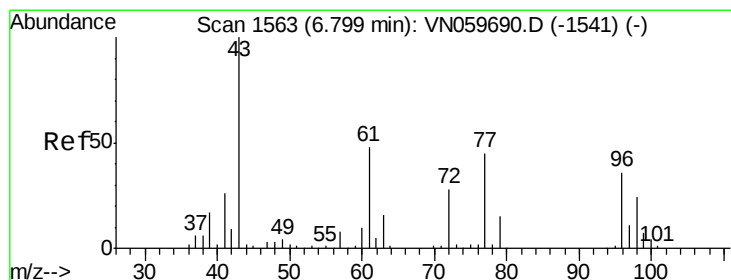
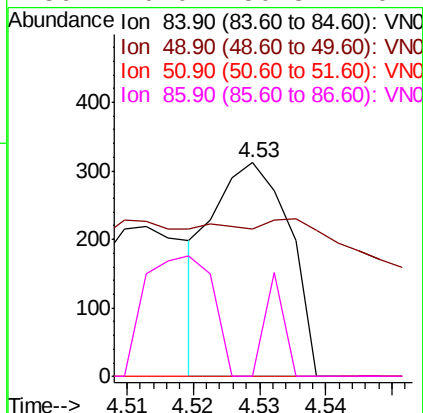
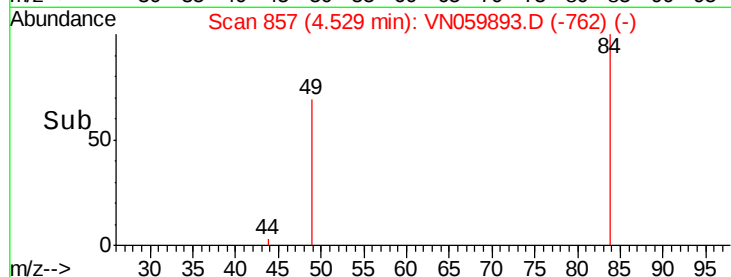
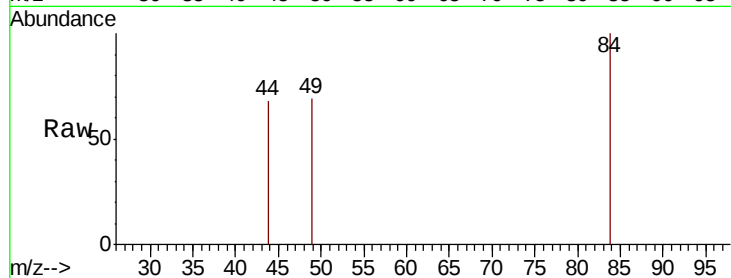




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059893.D
Acq: 28 Jan 2020 13:32

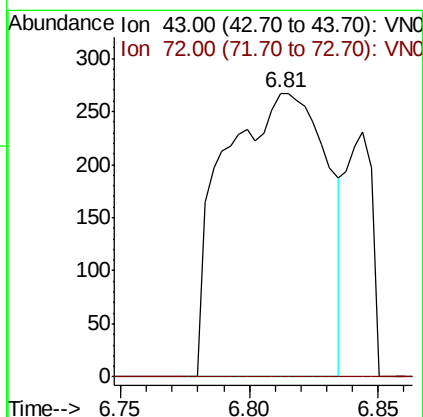
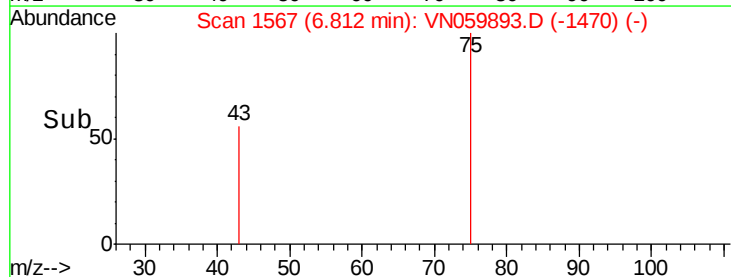
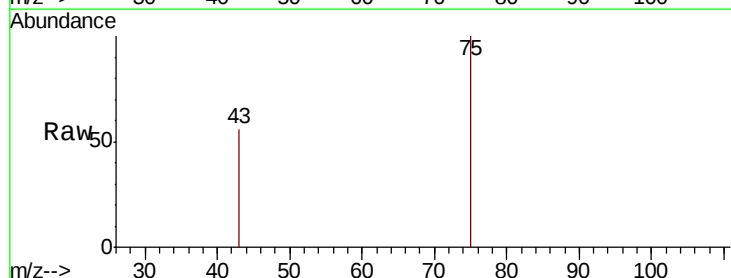
Instrument :
MSVOA_N
ClientSampled :

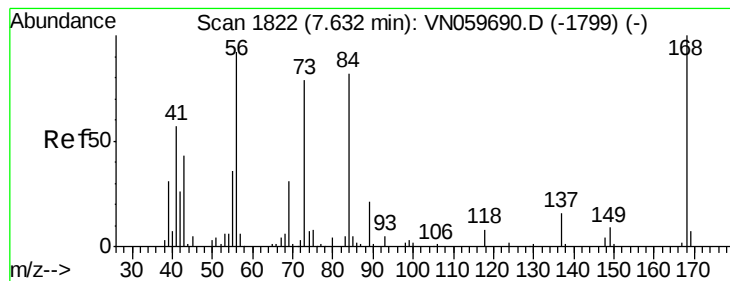
Tot Ion: 84 Resp: 251
Ion Ratio Lower Upper
84 100
49 6.7 106.6 160.0#
51 0.0 31.9 47.9#
86 0.0 50.8 76.2#



#25
2-Butanone
Concen: 0.556 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059893.D
Acq: 28 Jan 2020 13:32

Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#





#31

Cyclohexane

Concen: 1.115 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

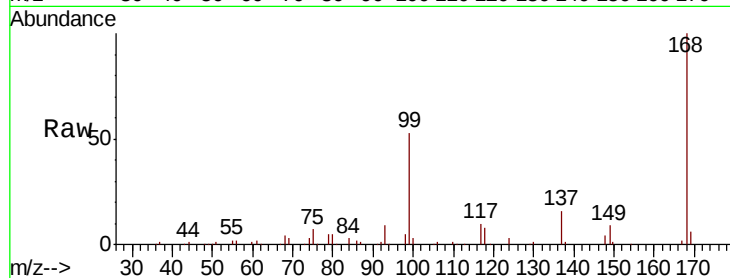
Tot Ion: 56 Resp: 3896

Ion Ratio Lower Upper

56 100

69 180.4 26.5 39.7#

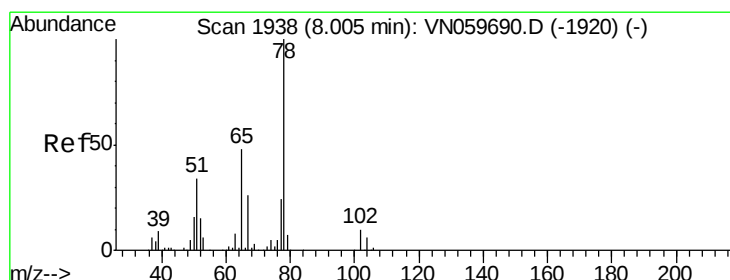
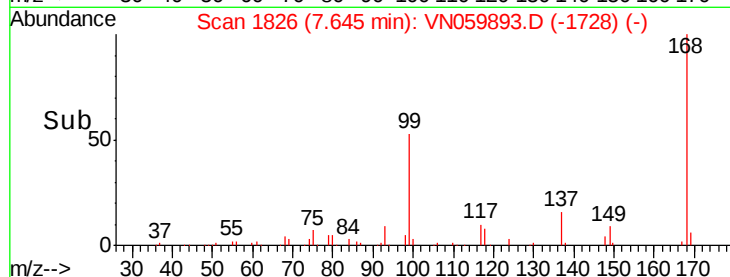
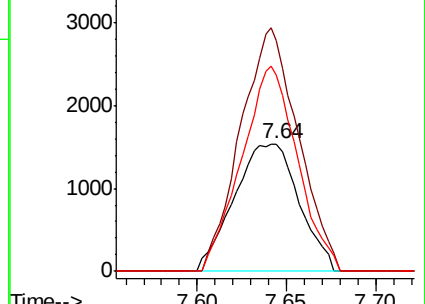
84 153.9 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VN059893.D (-1799) (-)

Ion 69.00 (68.70 to 69.70): VN059893.D (-1799) (-)

Ion 84.00 (83.70 to 84.70): VN059893.D (-1799) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.976 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059893.D

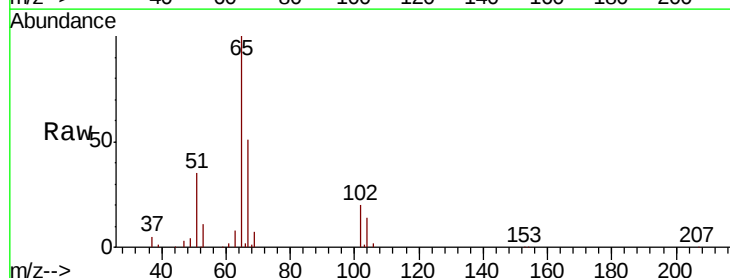
Acq: 28 Jan 2020 13:32

Tgt Ion: 65 Resp: 113289

Ion Ratio Lower Upper

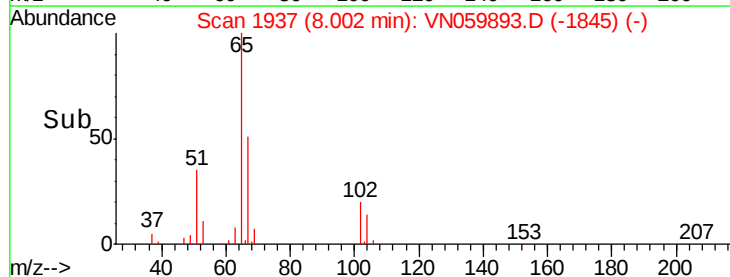
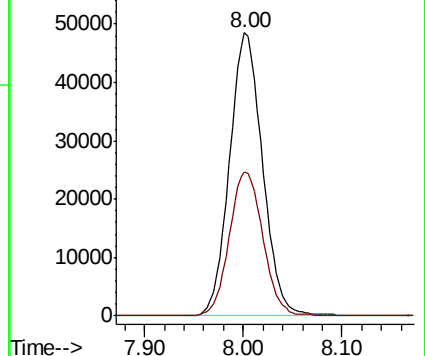
65 100

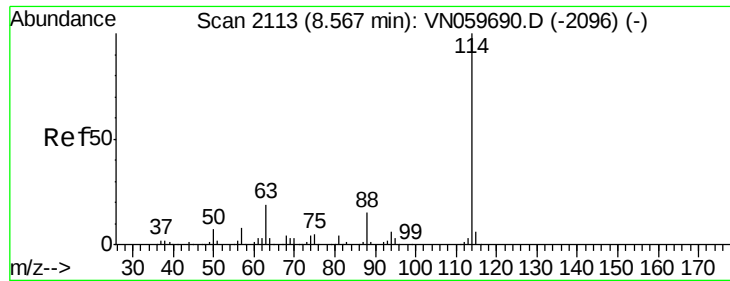
67 51.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059893.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059893.D (-1845) (-)

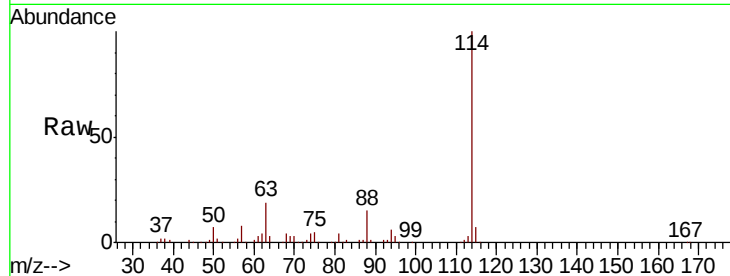




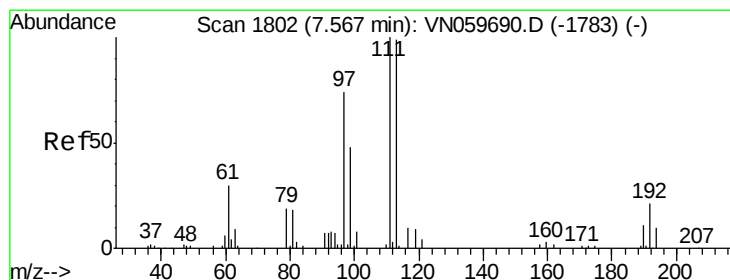
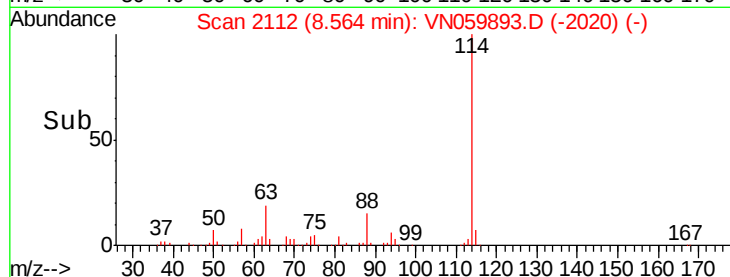
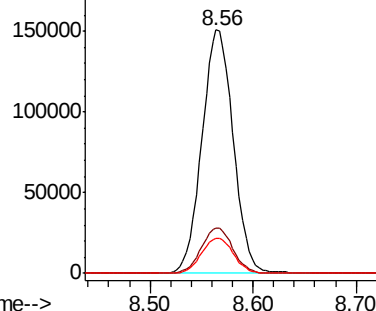
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059893.D
 Acq: 28 Jan 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	43.6
88	14.6	0.0	31.4

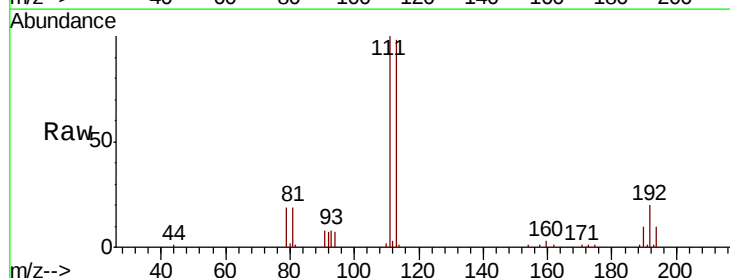


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

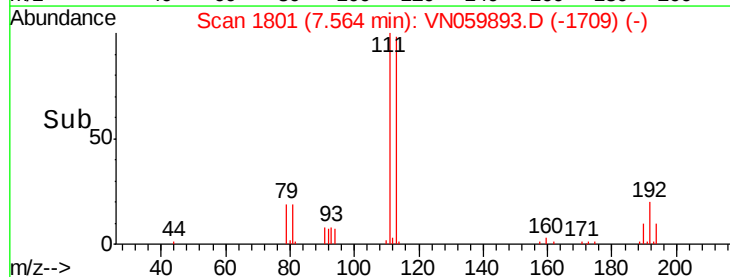
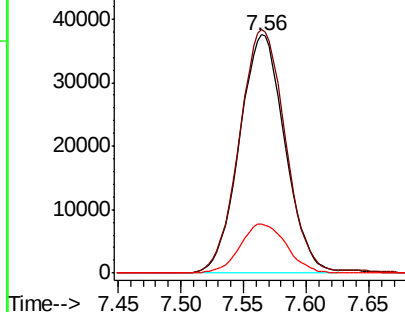


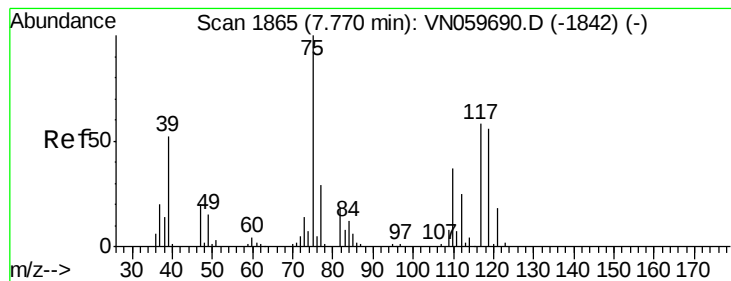
#35
 Dibromofluoromethane
 Concen: 49.854 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059893.D
 Acq: 28 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.5	125.3
192	21.0	15.4	23.2



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: 5.369 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

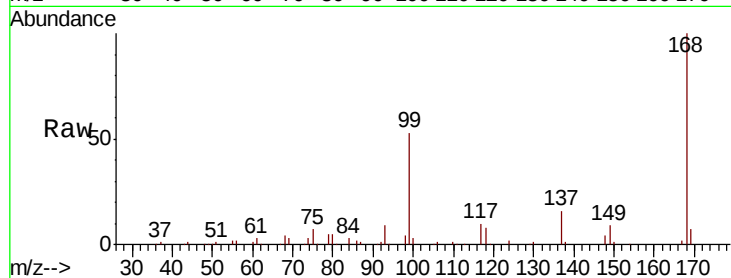
Tot Ion: 75 Resp: 14905

Ion Ratio Lower Upper

75 100

110 7.8 16.6 49.7#

77 0.0 25.1 37.7#

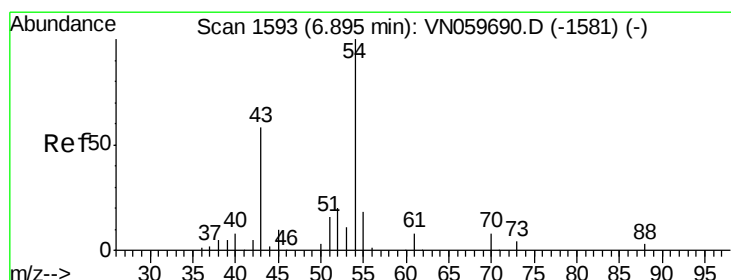
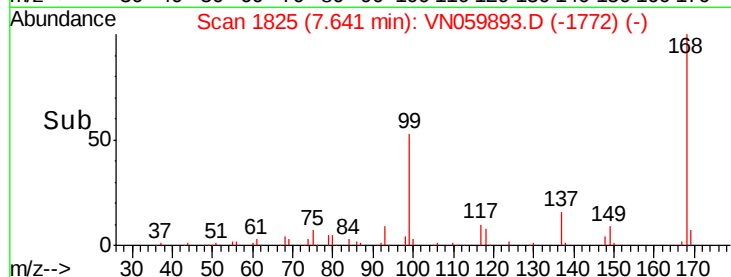


Abundance Ion 74.90 (74.60 to 75.60): VN059690.D (-1842) (-)

Ion 109.90 (109.60 to 110.60): VN059690.D (-1842) (-)

Ion 76.90 (76.60 to 77.60): VN059690.D (-1842) (-)

Time-->



#37

Ethyl Acetate

Concen: 0.285 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.08 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

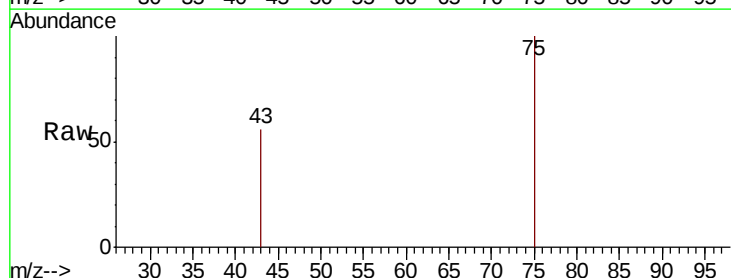
Tgt Ion: 43 Resp: 743

Ion Ratio Lower Upper

43 100

61 0.0 10.9 16.3#

70 0.0 7.7 11.5#

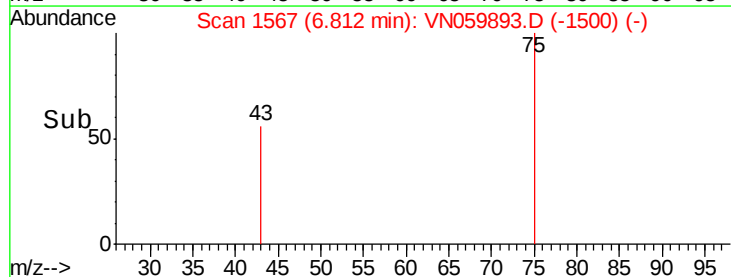


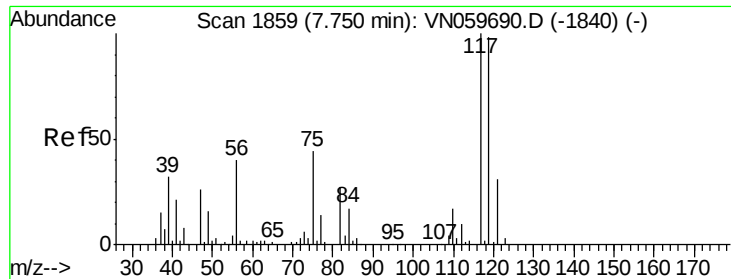
Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1581) (-)

Ion 60.90 (60.60 to 61.60): VN059690.D (-1581) (-)

Ion 70.00 (69.70 to 70.70): VN059690.D (-1581) (-)

Time-->





#38

Carbon Tetrachloride

Concen: 6.578 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

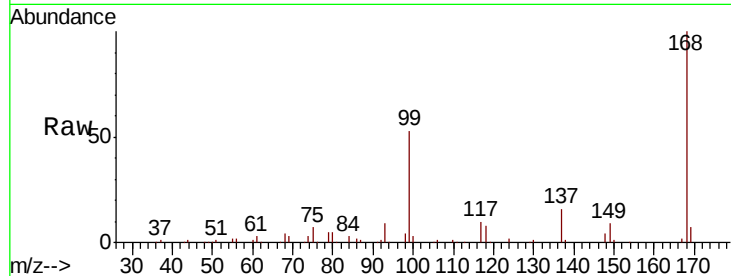
Tot Ion:117 Resp: 19865

Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

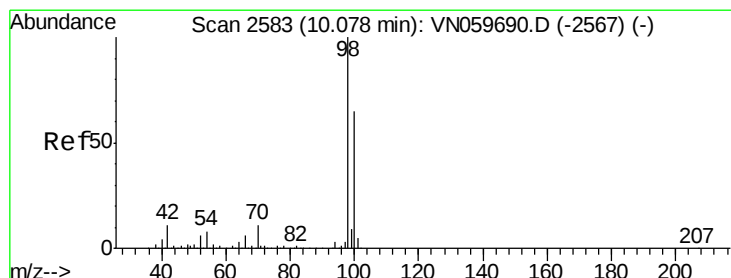
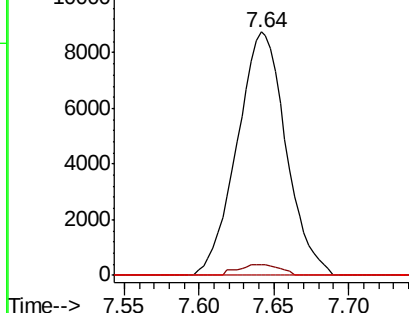
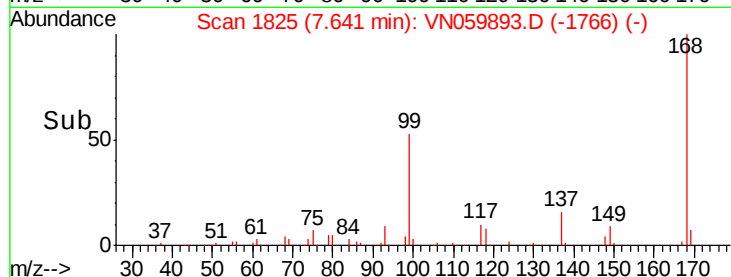
121 0.0 25.1 37.7#



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



#50

Toluene-d8

Concen: 50.946 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059893.D

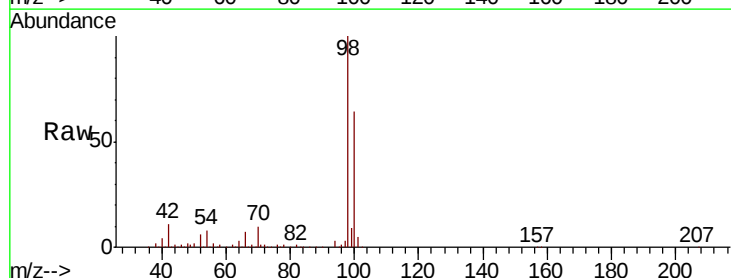
Acq: 28 Jan 2020 13:32

Tgt Ion: 98 Resp: 375275

Ion Ratio Lower Upper

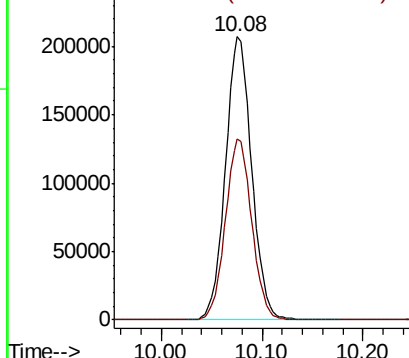
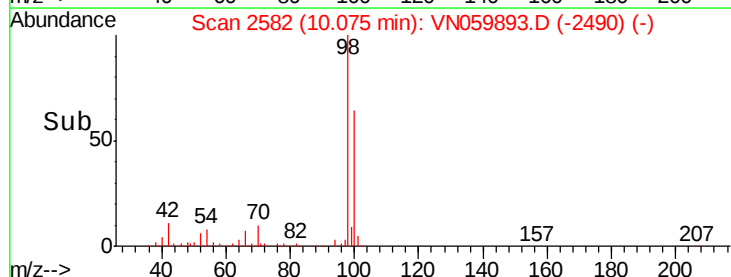
98 100

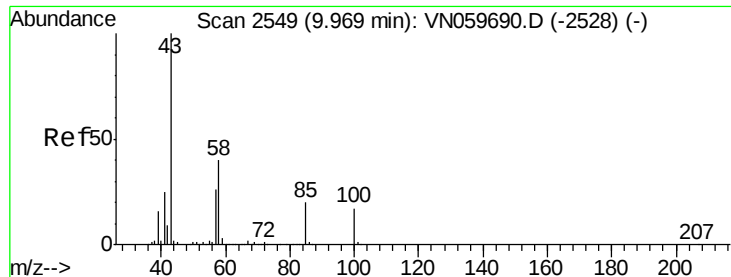
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

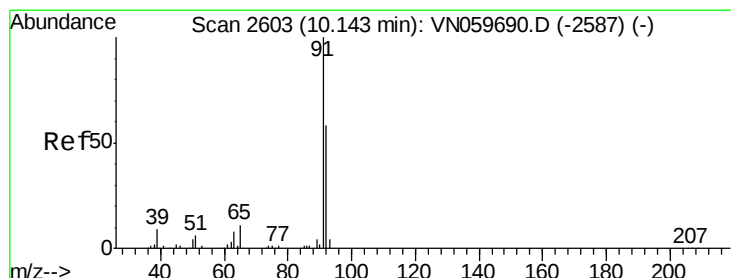
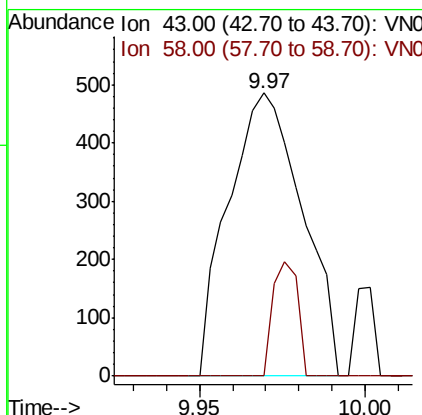
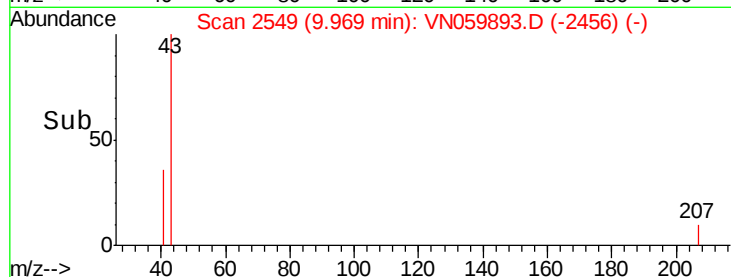
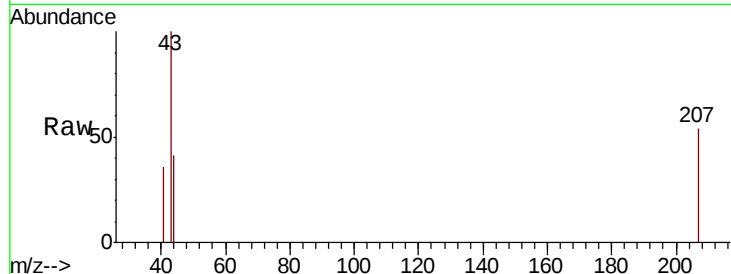




#51
 4-Methyl-2-Pentanone
 Concen: 0.292 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059893.D
 Acq: 28 Jan 2020 13:32

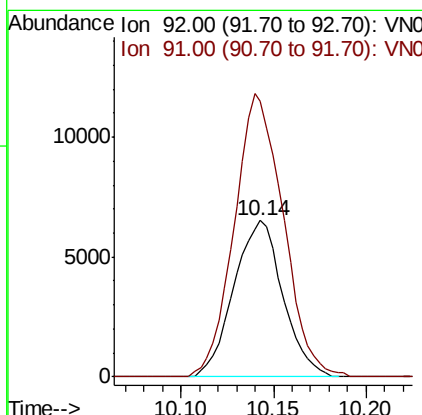
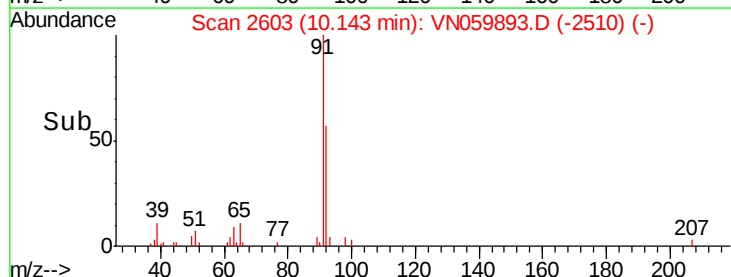
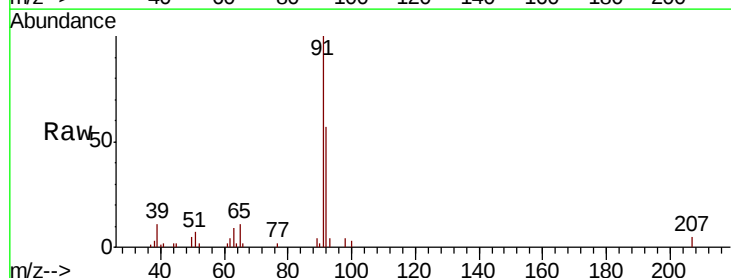
Instrument :
 MSVOA_N
 ClientSampleID :

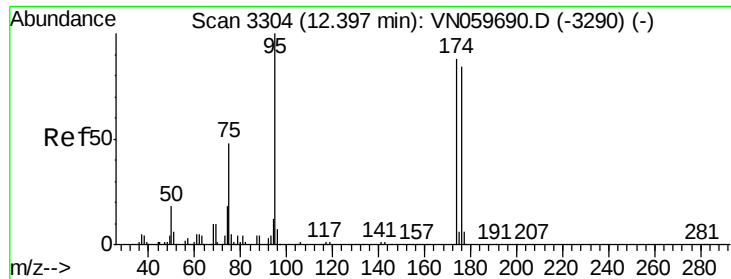
Tot Ion: 43 Resp: 755
 Ion Ratio Lower Upper
 43 100
 58 13.5 29.8 44.8#



#52
 Toluene
 Concen: 2.287 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059893.D
 Acq: 28 Jan 2020 13:32

Tgt Ion: 92 Resp: 11959
 Ion Ratio Lower Upper
 92 100
 91 181.1 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 50.184 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

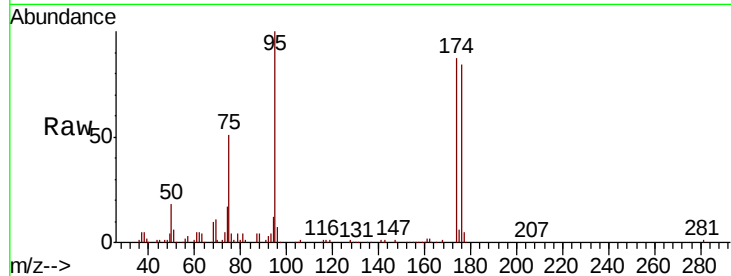
Tot Ion: 95 Resp: 133262

Ion Ratio Lower Upper

95 100

174 88.3 0.0 151.4

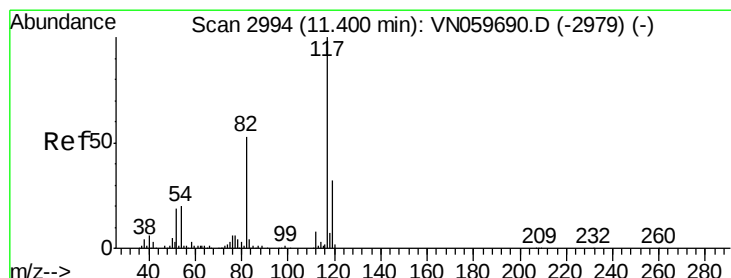
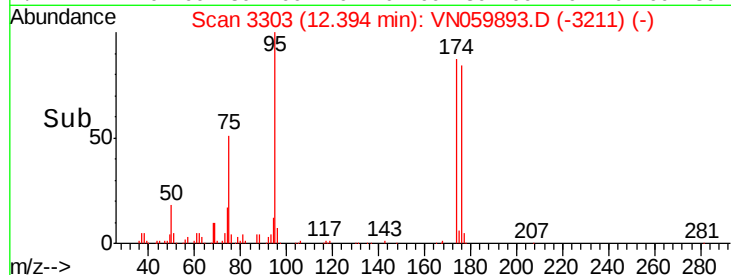
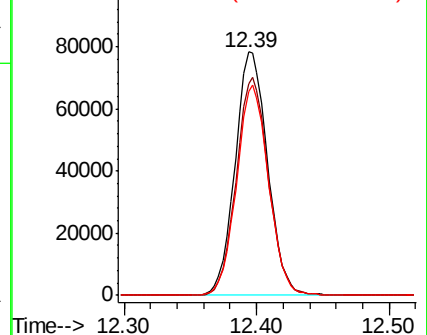
176 85.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059690.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN059690.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059690.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

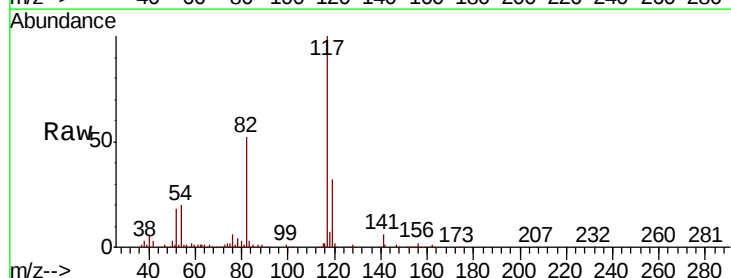
Tgt Ion: 117 Resp: 288603

Ion Ratio Lower Upper

117 100

82 51.8 45.9 68.9

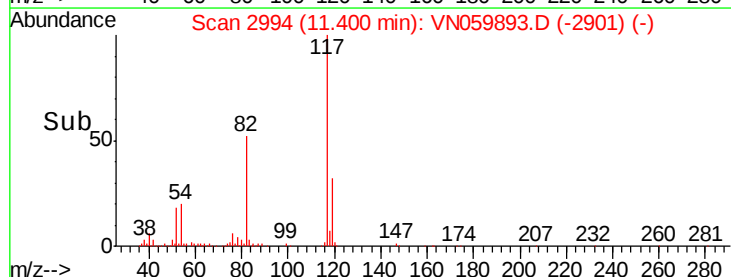
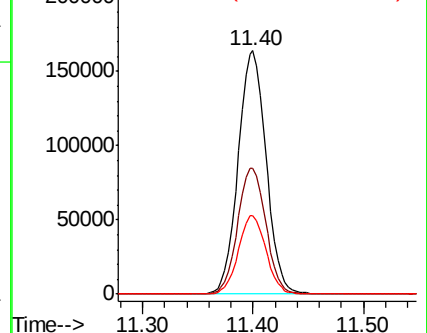
119 32.3 25.5 38.3

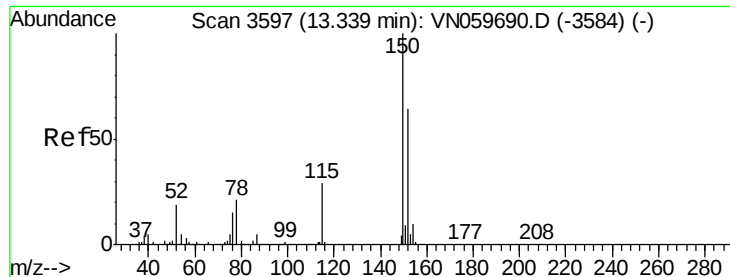


Abundance Ion 116.90 (116.60 to 117.60): VN059690.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059690.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059690.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

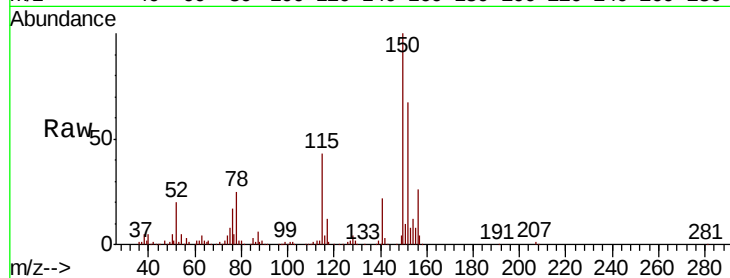
Tot Ion:152 Resp: 154153

Ion Ratio Lower Upper

152 100

115 72.5 30.3 90.9

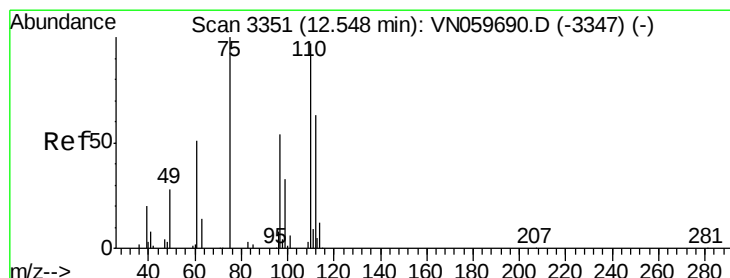
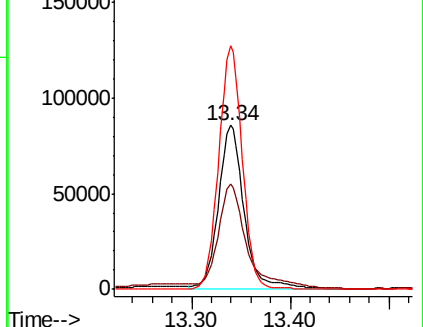
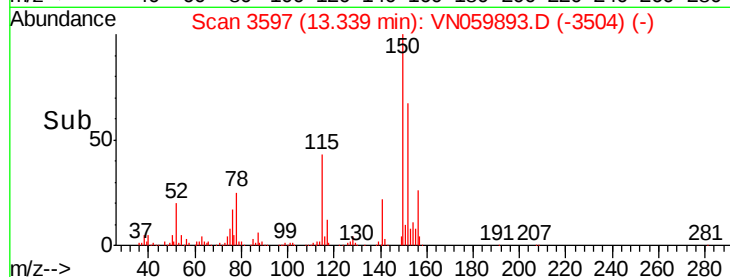
150 137.4 0.0 345.2



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: 1.932 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.03 min

Lab File: VN059893.D

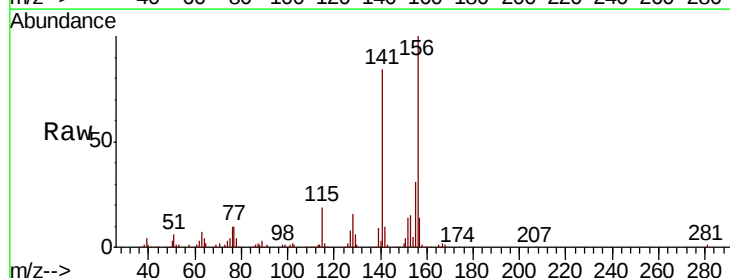
Acq: 28 Jan 2020 13:32

Tgt Ion: 75 Resp: 5011

Ion Ratio Lower Upper

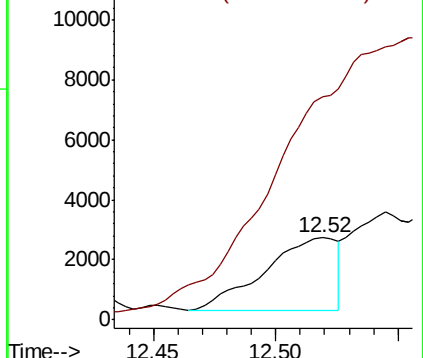
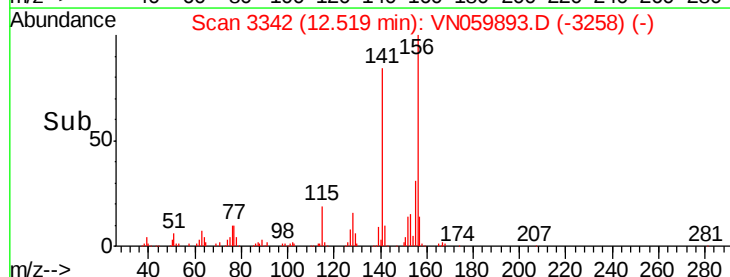
75 100

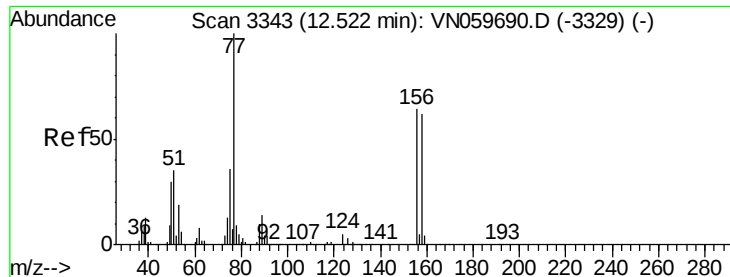
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 166.875 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.04 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

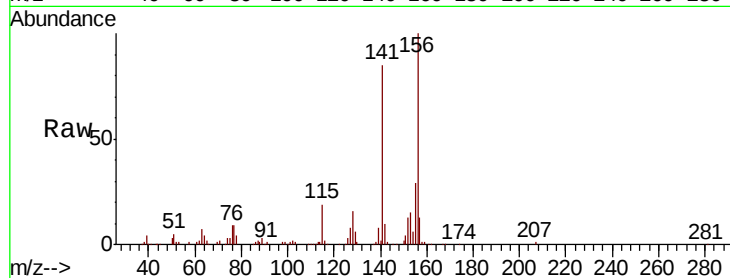
Tot Ion:156 Resp: 477762

Ion Ratio Lower Upper

156 100

77 8.1 115.8 347.4#

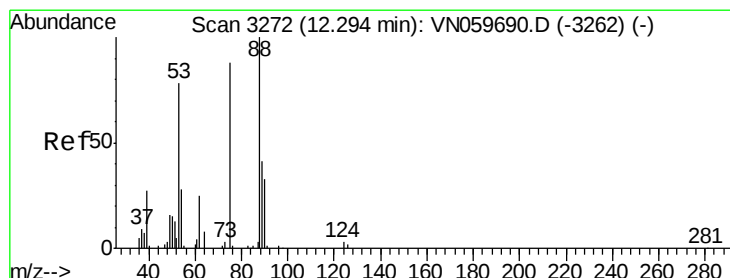
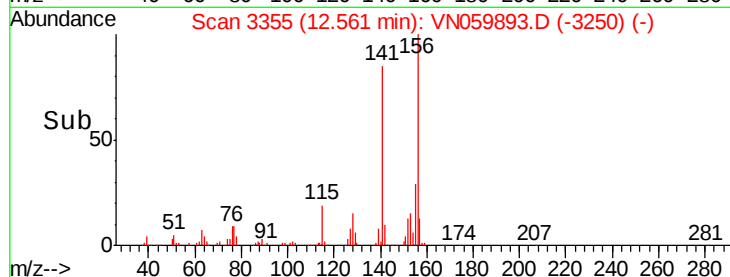
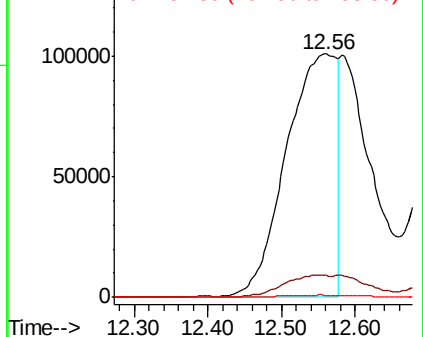
158 0.9 49.2 147.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 56.943 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059893.D

Acq: 28 Jan 2020 13:32

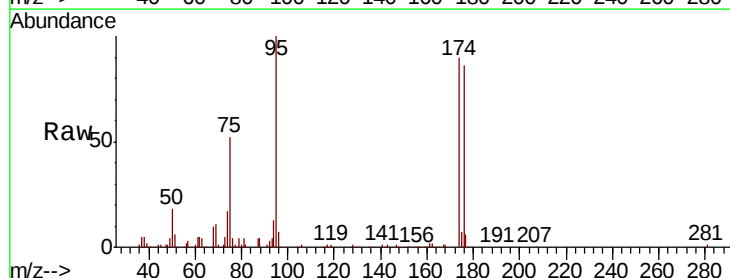
Tgt Ion: 75 Resp: 68789

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

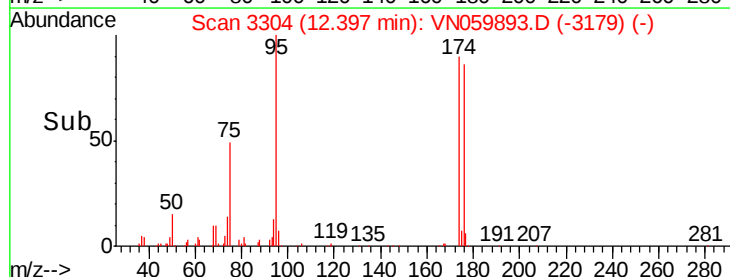
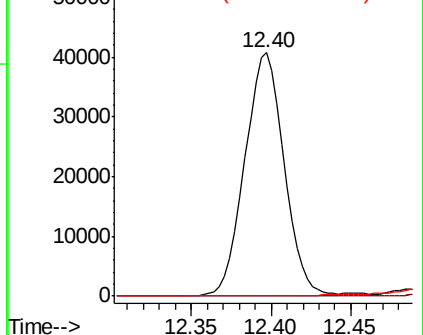
89 0.0 35.4 53.2#

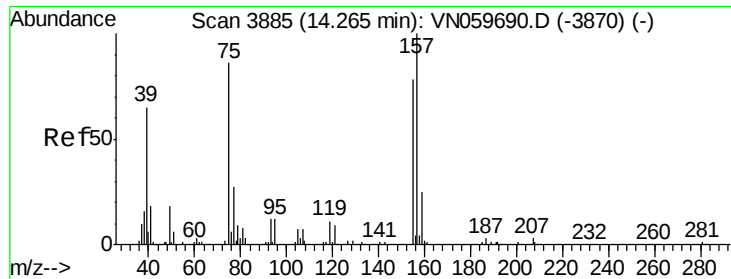


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

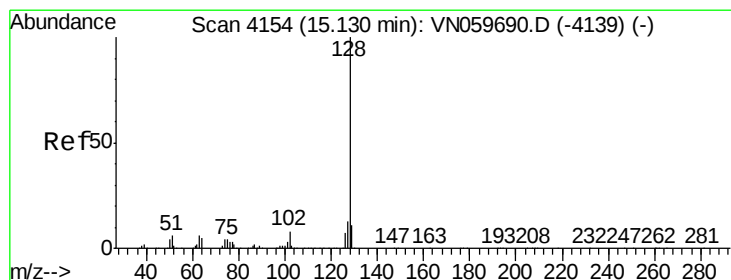
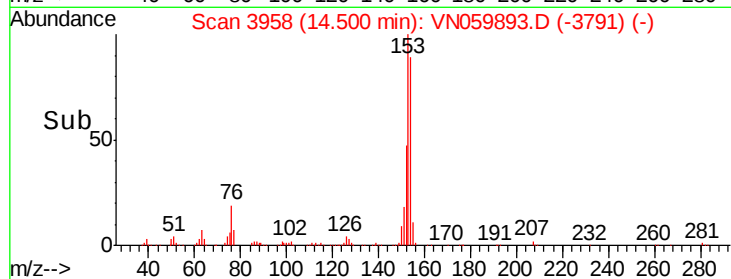
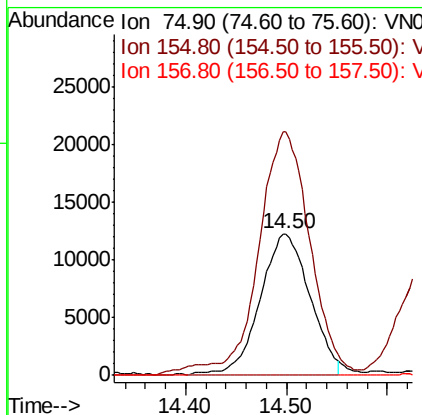
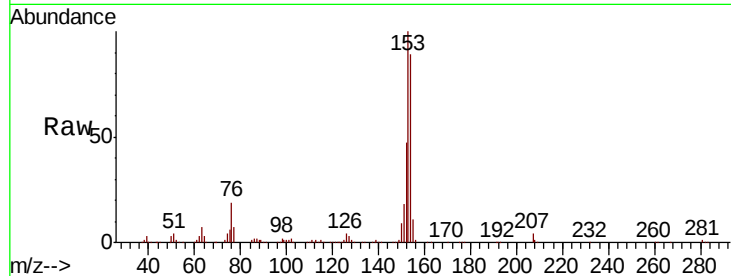




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.403 ug/l
 RT: 14.50 min Scan# 3958
 Delta R.T. 0.24 min
 Lab File: VN059893.D
 Acq: 28 Jan 2020 13:32

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 42186
 Ion Ratio Lower Upper
 75 100
 155 176.3 37.0 110.9#
 157 0.0 48.4 145.2#



#95
 Naphthalene
 Concen: 31.208 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059893.D
 Acq: 28 Jan 2020 13:32

Tgt Ion: 128 Resp: 262237
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 11.2 8.6 12.8

