

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059638.D
 Acq On : 17 Dec 2019 20:16
 Operator : JC/SP
 Sample : K6318-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 X089-WC-1

Quant Time: Dec 18 06:31:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

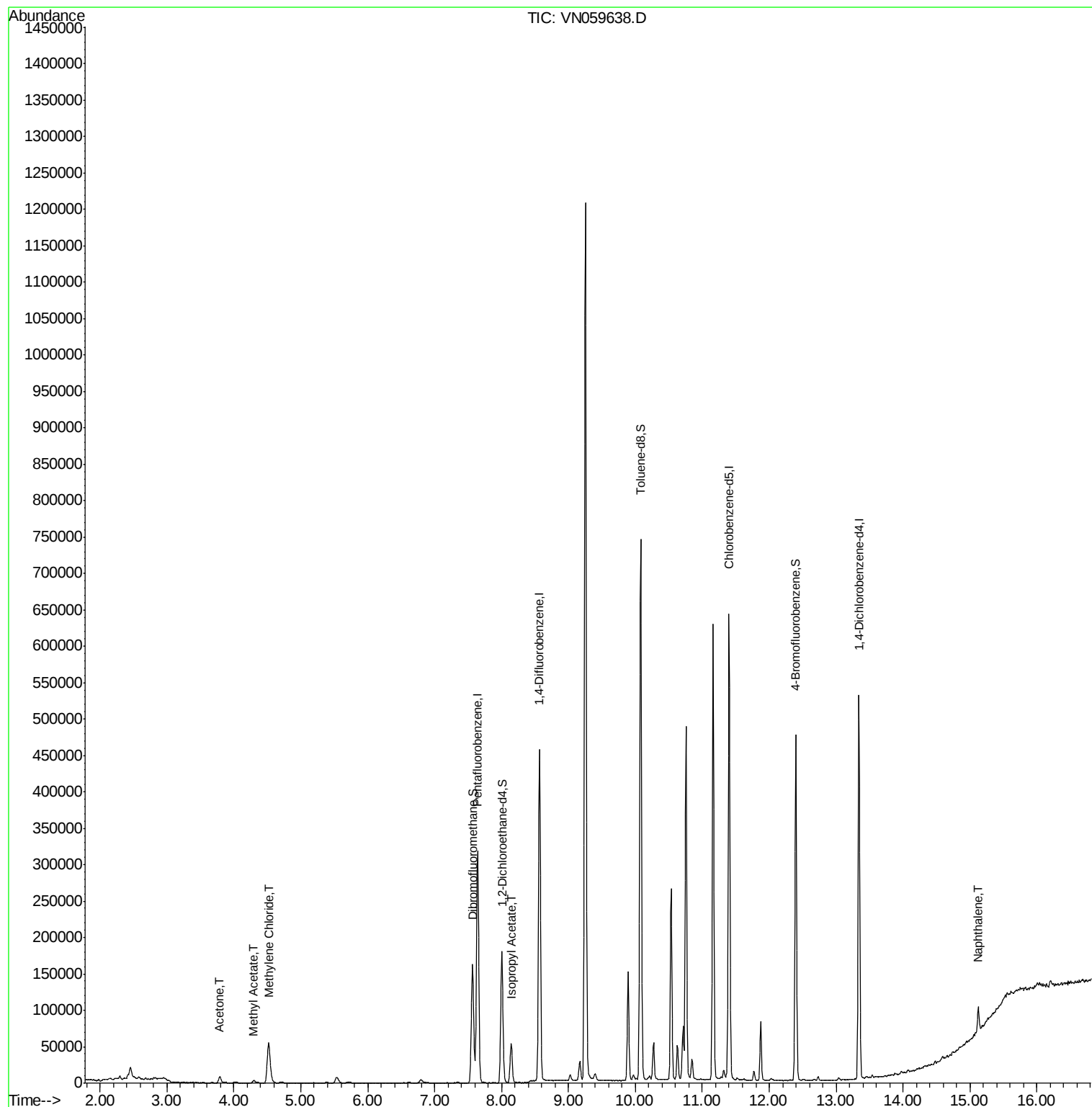
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	270210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	417073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	377720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152370	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	154229	39.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.44%	
35) Dibromofluoromethane	7.57	113	127471	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	10.08	98	514880	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	172199	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
Target Compounds						
16) Acetone	3.79	43	14569	6.241	ug/l	94
18) Methyl Acetate	4.30	43	6483	1.325	ug/l #	86
20) Methylene Chloride	4.52	84	46277	13.726	ug/l	89
43) Isopropyl Acetate	8.14	43	62766	7.986	ug/l	93
95) Naphthalene	15.12	128	28648	2.786	ug/l	100

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

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QLast Update : Fri Dec 13 23:17:39 2019
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: VN059638.D

Acq: 17 Dec 2019 20:16

Instrument :

MSVOA_N

ClientSampled :

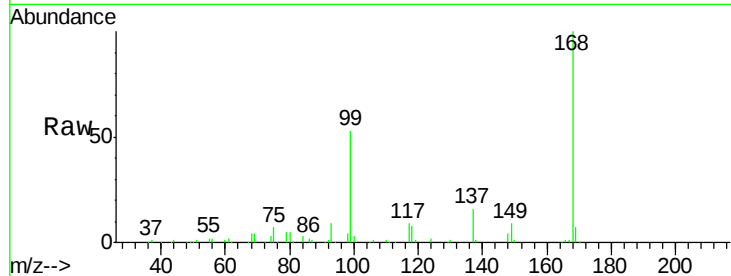
X089-WC-1

Tot Ion:168 Resp: 270210

Ion Ratio Lower Upper

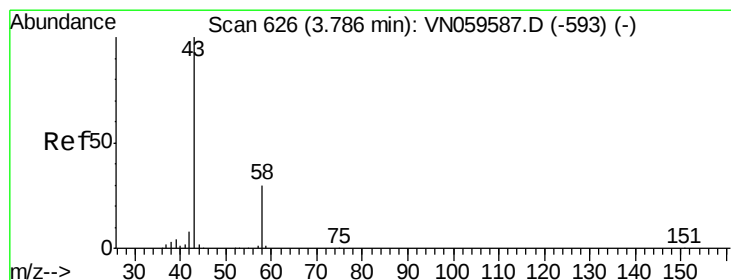
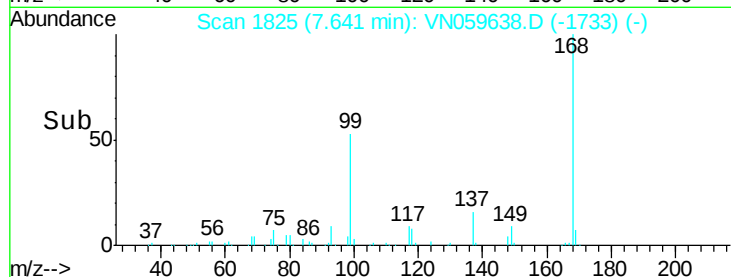
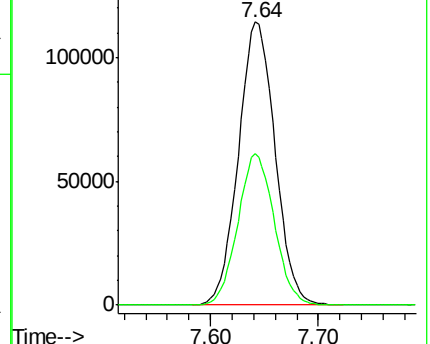
168 100

99 53.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.241 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.00 min

Lab File: VN059638.D

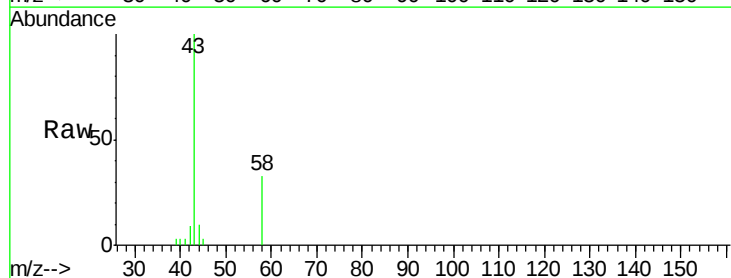
Acq: 17 Dec 2019 20:16

Tgt Ion: 43 Resp: 14569

Ion Ratio Lower Upper

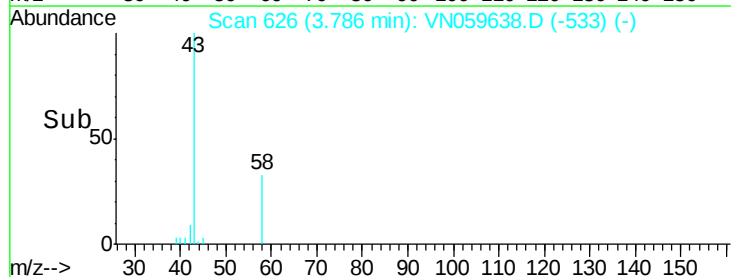
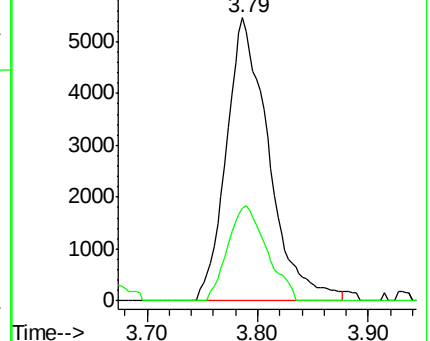
43 100

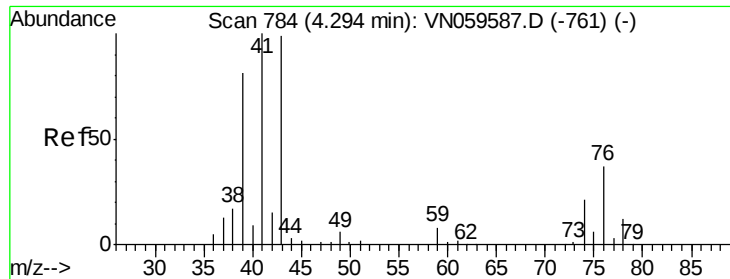
58 32.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

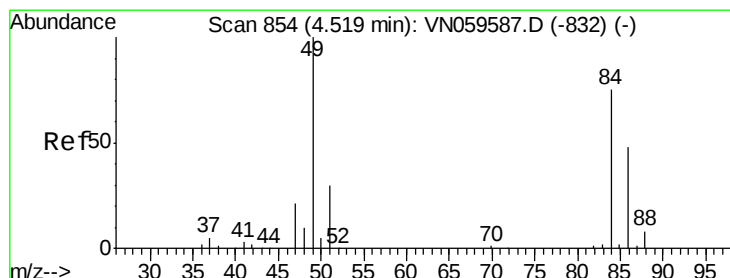
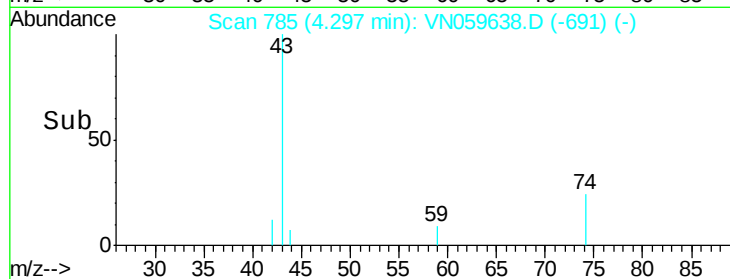
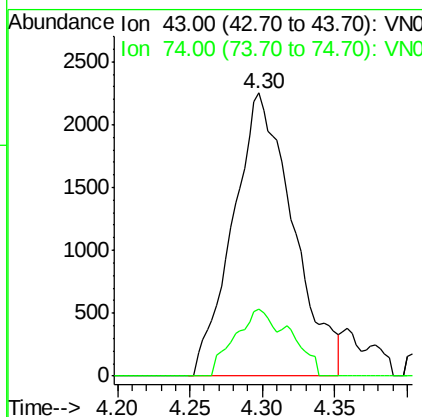
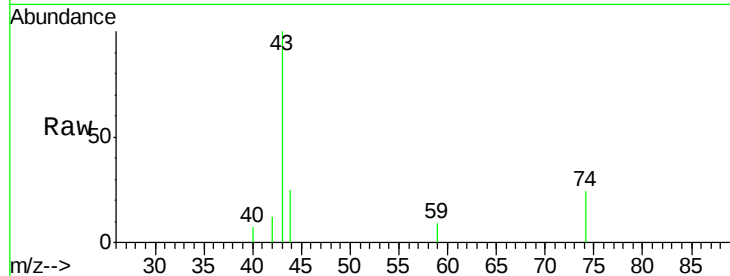




#18
Methyl Acetate
Concen: 1.325 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059638.D
Acq: 17 Dec 2019 20:16

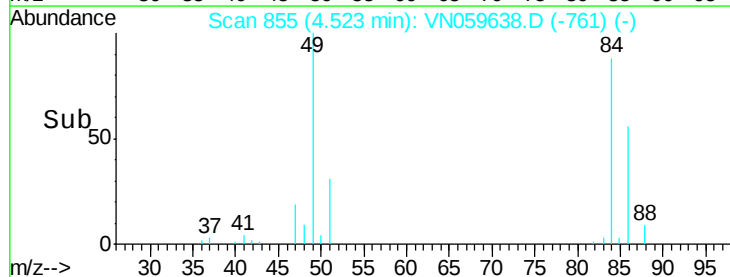
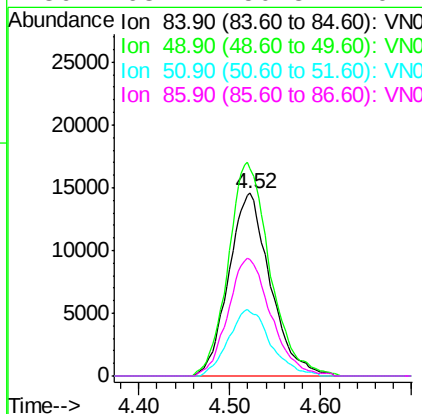
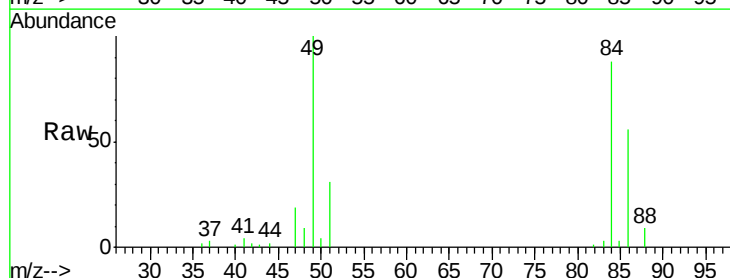
Instrument :
MSVOA_N
ClientSampleId :
X089-WC-1

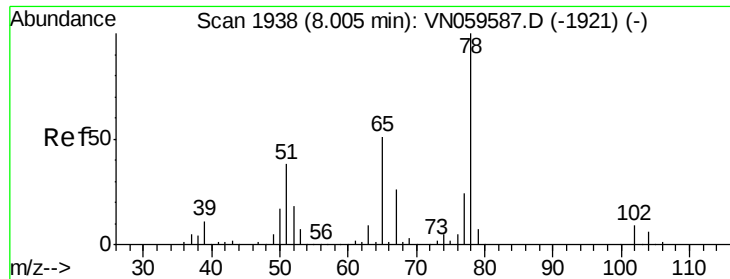
Tot Ion: 43 Resp: 6483
Ion Ratio Lower Upper
43 100
74 15.1 17.5 26.3#



#20
Methylene Chloride
Concen: 13.726 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059638.D
Acq: 17 Dec 2019 20:16

Tgt Ion: 84 Resp: 46277
Ion Ratio Lower Upper
84 100
49 113.7 106.6 160.0
51 34.8 31.9 47.9
86 63.7 50.8 76.2

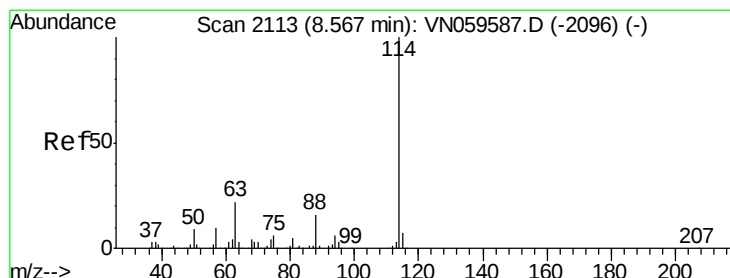
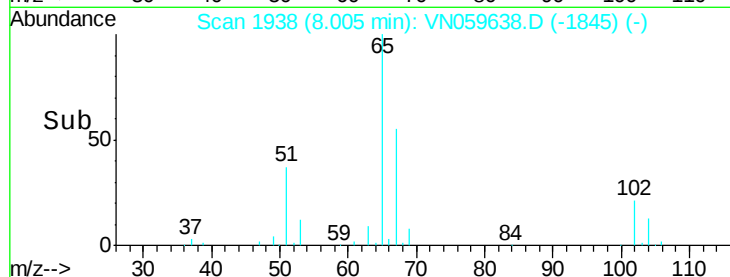
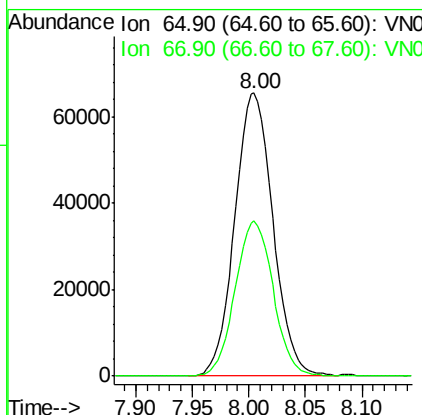
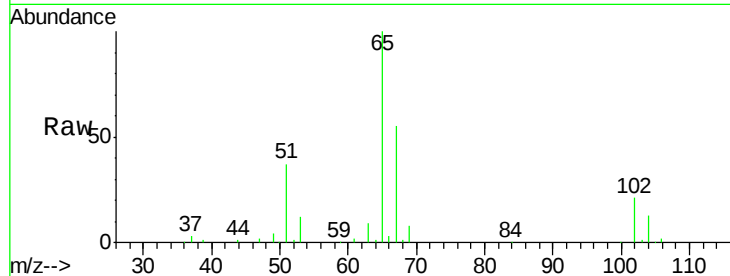




#33
 1,2-Dichloroethane-d4
 Concen: 39.224 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059638.D
 Acq: 17 Dec 2019 20:16

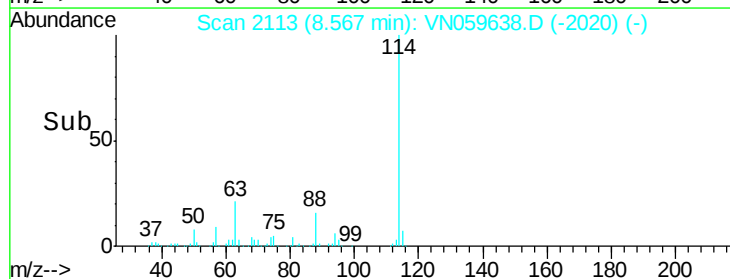
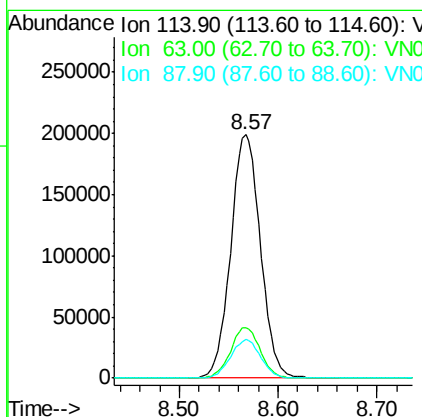
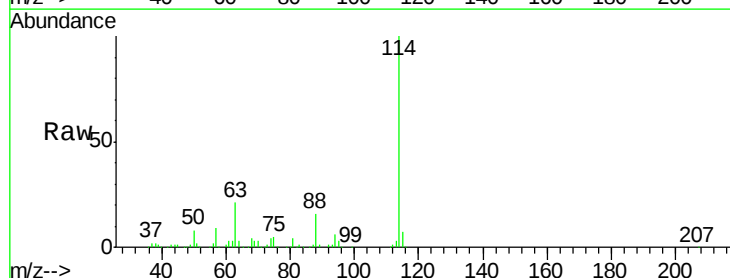
Instrument :
 MSVOA_N
 ClientSampleId :
 X089-WC-1

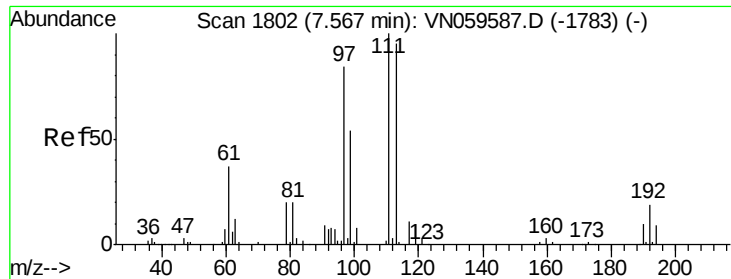
Tot Ion: 65 Resp: 154229
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059638.D
 Acq: 17 Dec 2019 20:16

Tgt Ion: 114 Resp: 417073
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.6
 88 15.7 0.0 31.4

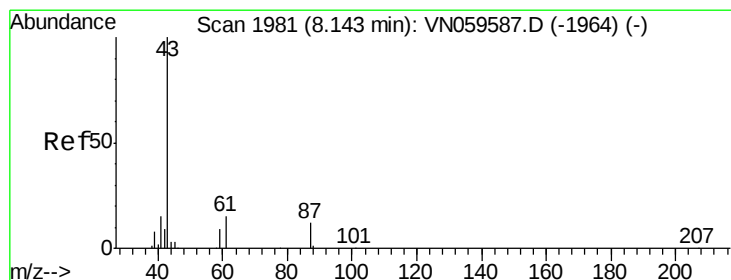
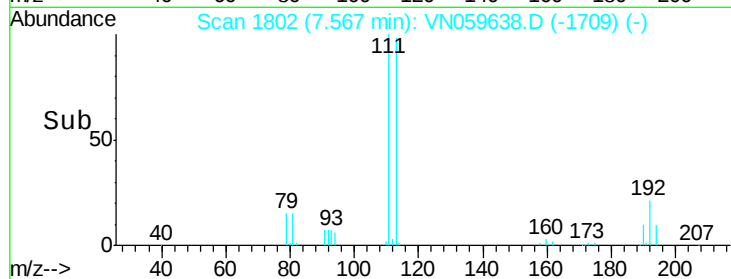
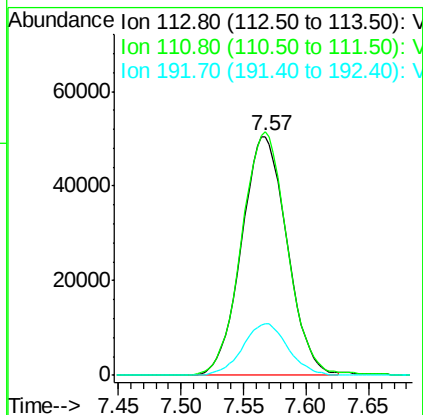
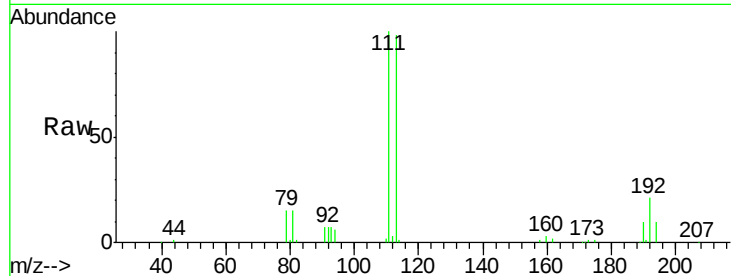




#35
 Dibromofluoromethane
 Concen: 48.847 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059638.D
 Acq: 17 Dec 2019 20:16

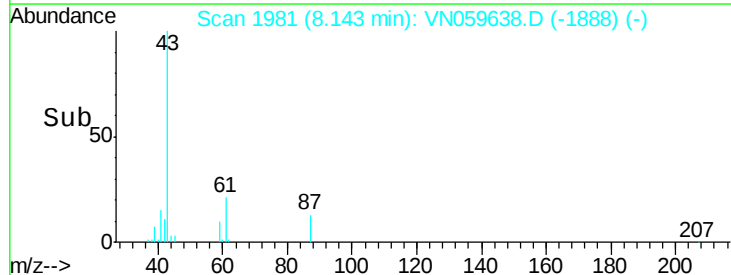
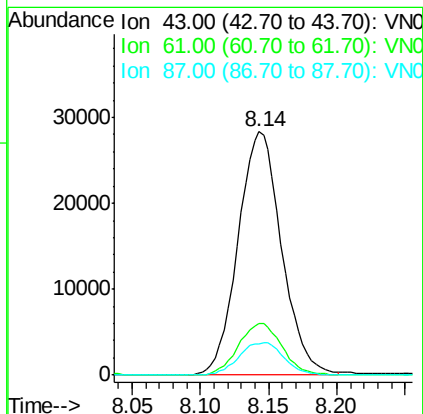
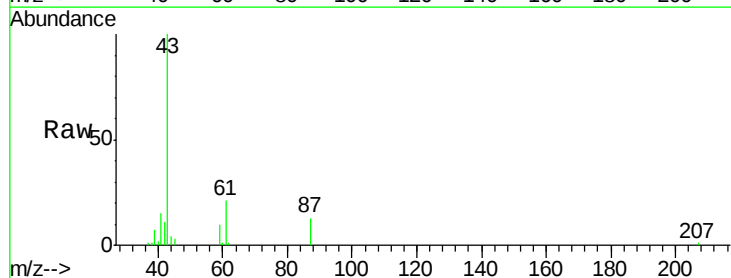
Instrument :
 MSVOA_N
 ClientSampleId :
 X089-WC-1

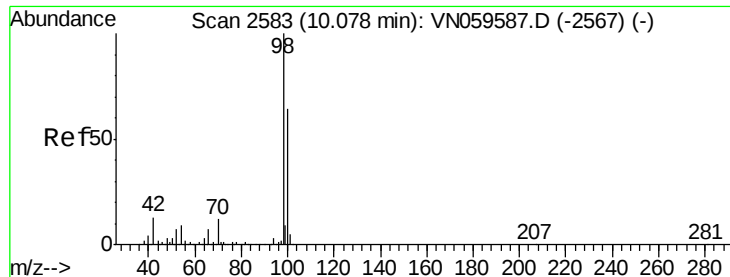
Tot Ion:113 Resp: 127471
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.5 125.3
 192 21.6 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 7.986 ug/l
 RT: 8.14 min Scan# 181
 Delta R.T. 0.00 min
 Lab File: VN059638.D
 Acq: 17 Dec 2019 20:16

Tgt Ion: 43 Resp: 62766
 Ion Ratio Lower Upper
 43 100
 61 21.1 20.2 30.2
 87 13.7 9.5 14.3





#50

Toluene-d8

Concen: 49.835 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059638.D

Acq: 17 Dec 2019 20:16

Instrument :

MSVOA_N

ClientSampled :

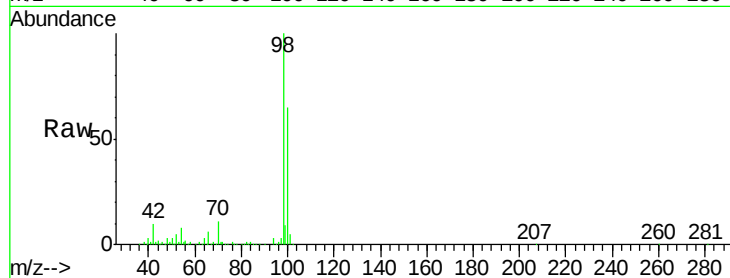
X089-WC-1

Tot Ion: 98 Resp: 514880

Ion Ratio Lower Upper

98 100

100 65.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059587.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059587.D (-2567) (-)

10.08

300000

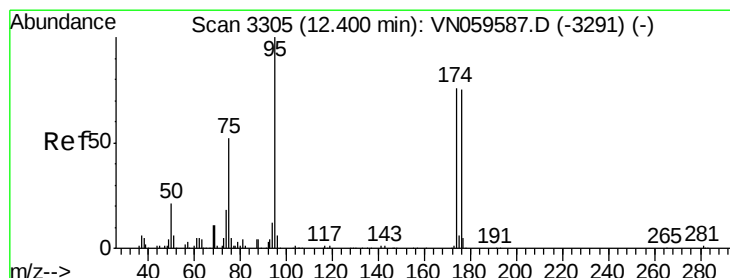
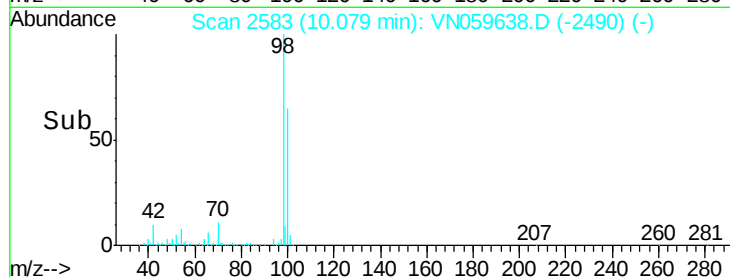
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 45.677 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059638.D

Acq: 17 Dec 2019 20:16

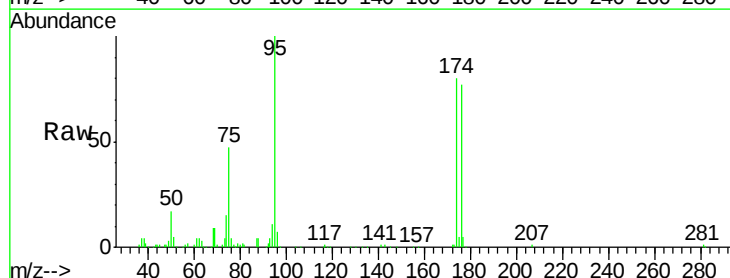
Tgt Ion: 95 Resp: 172199

Ion Ratio Lower Upper

95 100

174 80.8 0.0 151.4

176 78.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059587.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059587.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059587.D (-3291) (-)

12.40

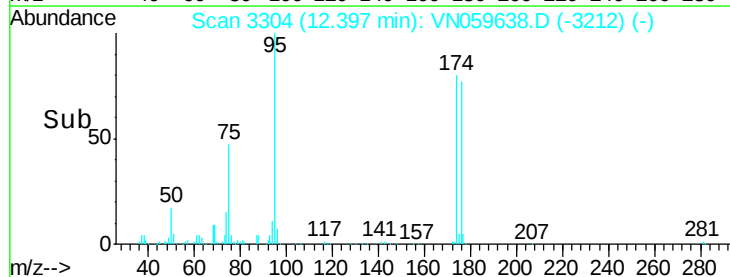
100000

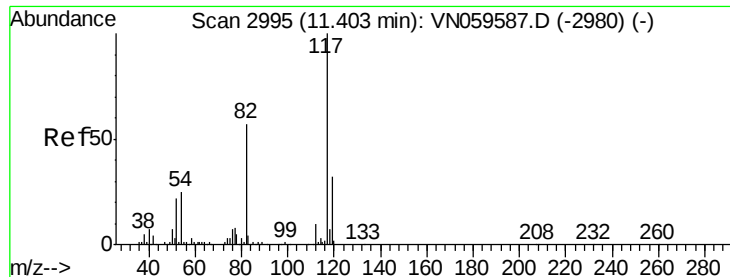
50000

0

12.30 12.40 12.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059638.D

Acq: 17 Dec 2019 20:16

Instrument :

MSVOA_N

ClientSampleId :

X089-WC-1

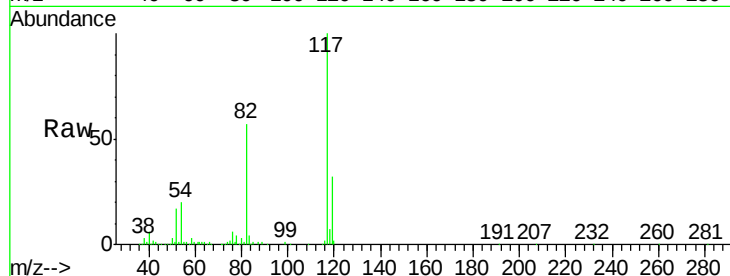
Tot Ion:117 Resp: 377720

Ion Ratio Lower Upper

117 100

82 56.6 45.9 68.9

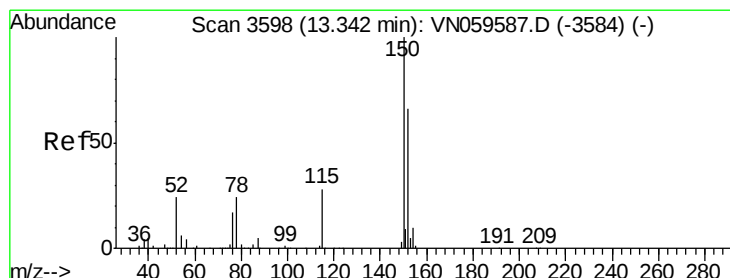
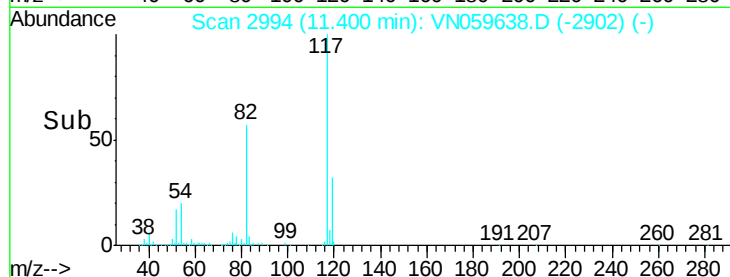
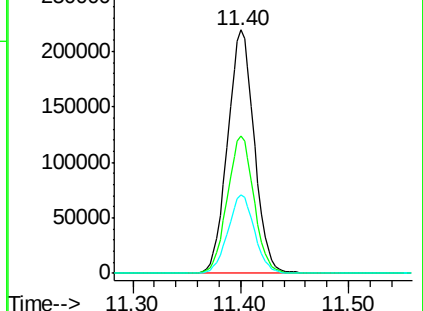
119 32.3 25.5 38.3



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: VN059638.D

Acq: 17 Dec 2019 20:16

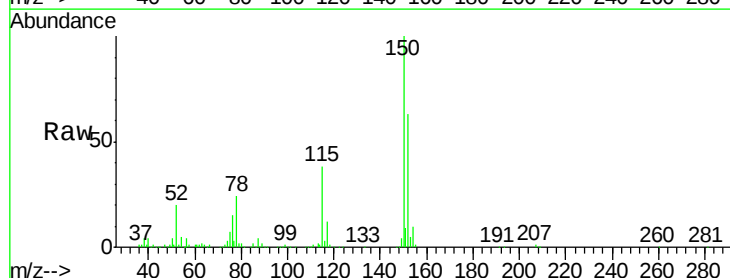
Tgt Ion:152 Resp: 152370

Ion Ratio Lower Upper

152 100

115 58.3 30.3 90.9

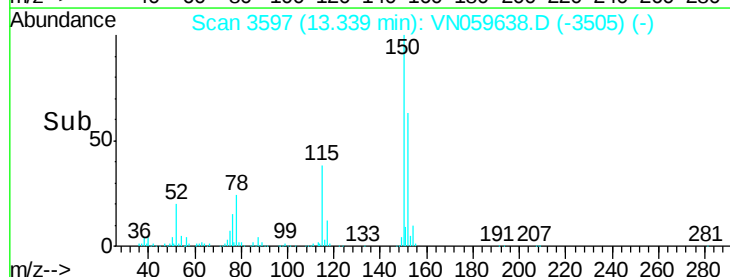
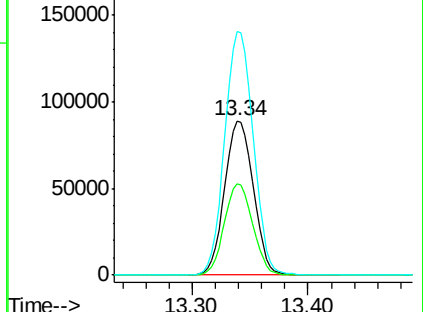
150 157.1 0.0 345.2

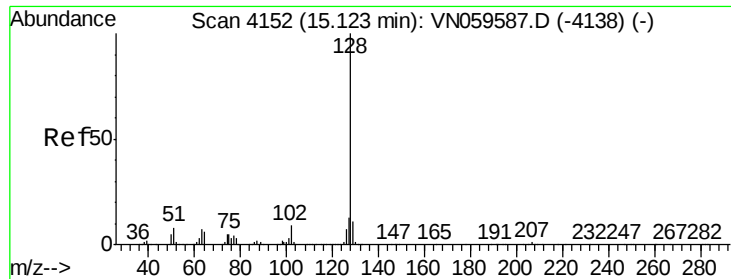


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.786 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN059638.D

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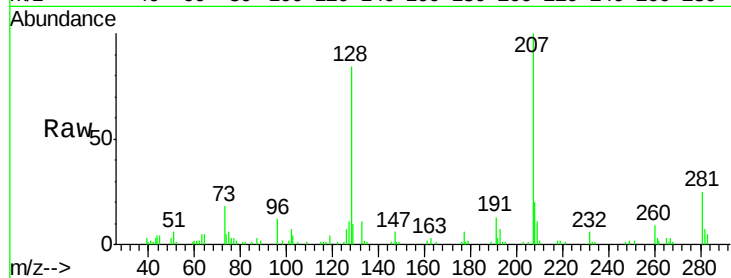
Tot Ion:128 Resp: 28648

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.6 12.8



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

