

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053588.D
 Acq On : 4 Feb 2019 11:22
 Operator : JC/SP
 Sample : VN0204MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204MBL01

Quant Time: Feb 05 01:24:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	731438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1176620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1063907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	435869	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	383842	52.31	ug/l	0.00
Spiked Amount						
			Recovery	=	104.62%	
35) Dibromofluoromethane	7.59	113	374803	50.41	ug/l	0.00
Spiked Amount						
			Recovery	=	100.82%	
50) Toluene-d8	10.09	98	1416125	50.73	ug/l	0.00
Spiked Amount						
			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	463844	49.82	ug/l	0.00
Spiked Amount						
			Recovery	=	99.64%	

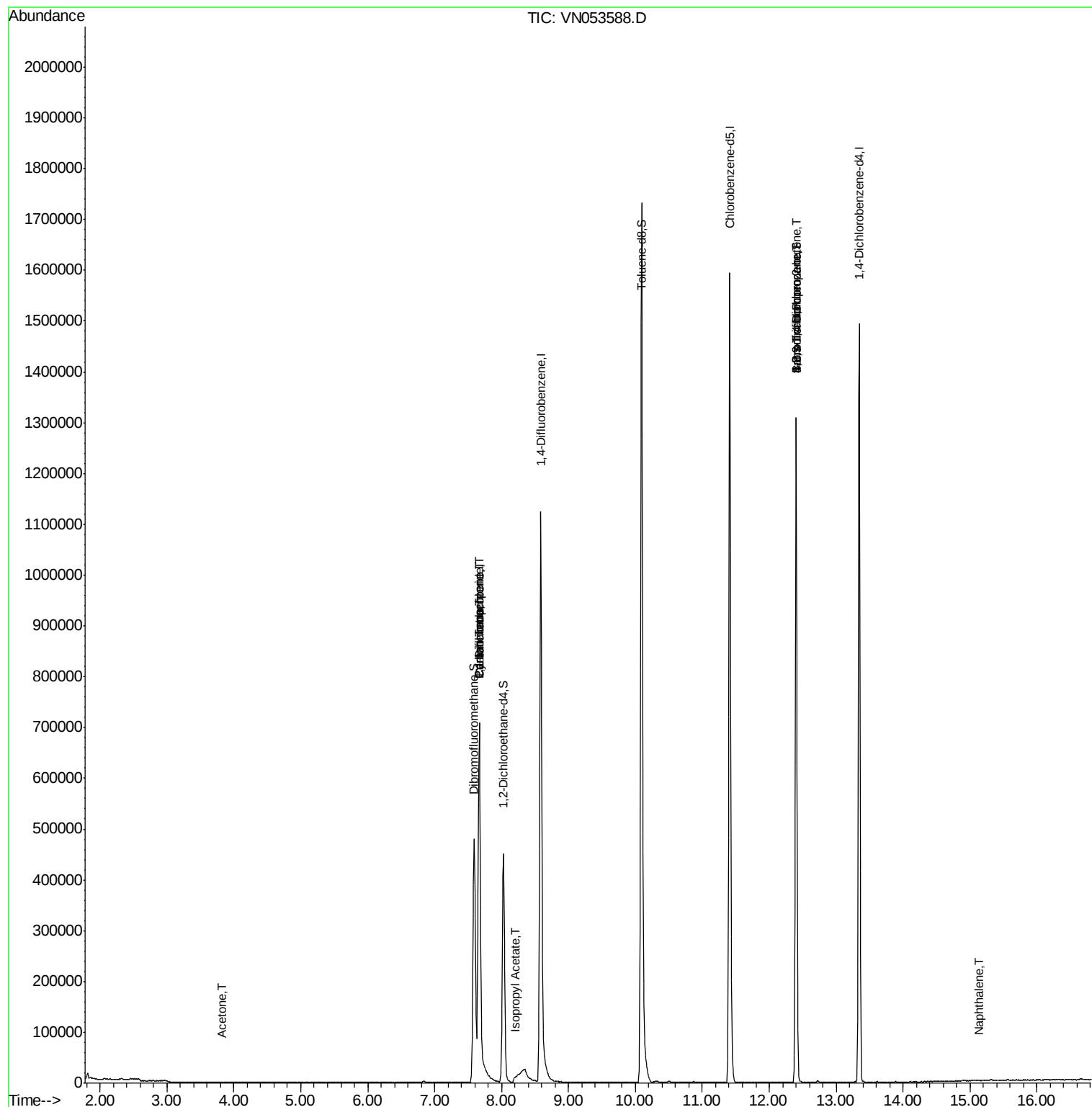
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	720	0.383	ug/l #	41
31) Cyclohexane	7.67	56	10417	0.672	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	43781	4.128	ug/l #	49
38) Carbon Tetrachloride	7.67	117	58186	5.446	ug/l #	17
43) Isopropyl Acetate	8.20	43	5073	0.443	ug/l #	51
71) Bromoform	12.40	173	3372	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	215224	38.443	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	215224	108.100	ug/l #	15
95) Naphthalene	15.14	128	1543	1.814	ug/l #	72

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

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Quant Time: Feb 05 01:24:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053588.D

Acq: 4 Feb 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

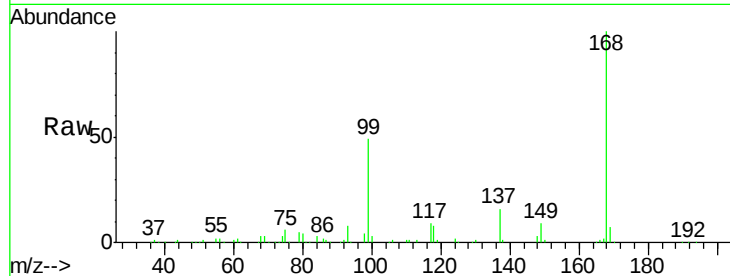
VN0204MBL01

Tot Ion:168 Resp: 731438

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

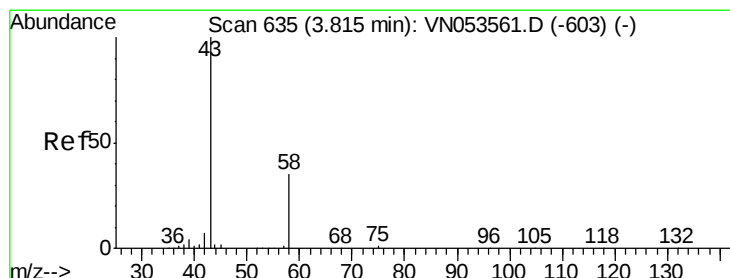
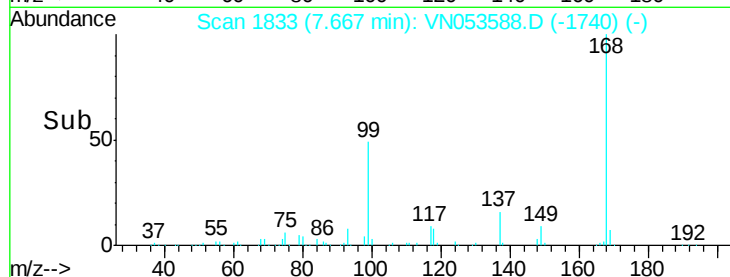
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 0.383 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053588.D

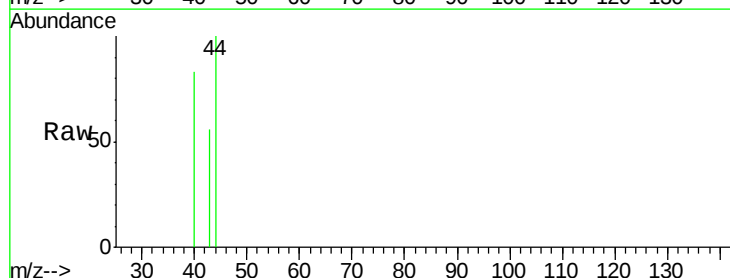
Acq: 4 Feb 2019 11:22

Tgt Ion: 43 Resp: 720

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

400

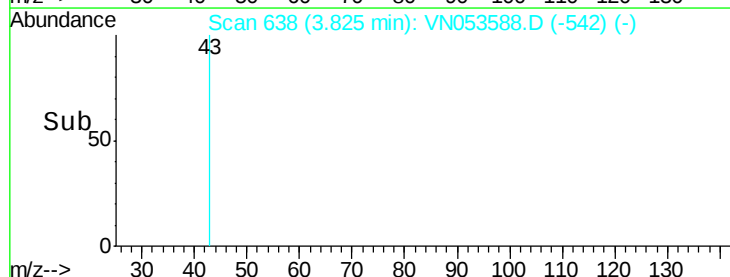
300

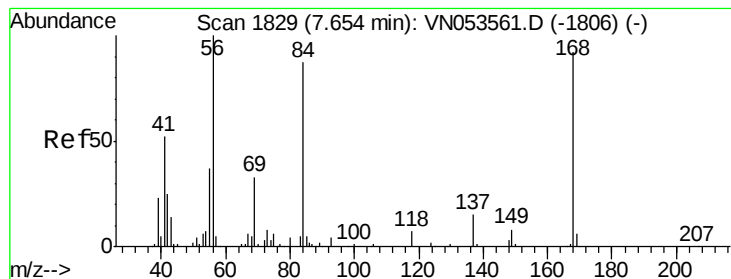
200

100

0

Time--> 3.78 3.80 3.82 3.84





#31

Cyclohexane

Concen: 0.672 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053588.D

Acq: 4 Feb 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBL01

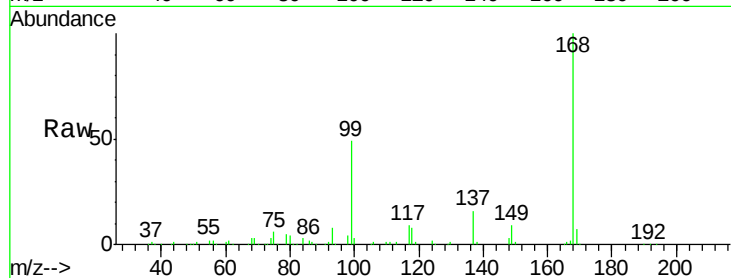
Tot Ion: 56 Resp: 10417

Ion Ratio Lower Upper

56 100

69 188.3 26.4 39.6#

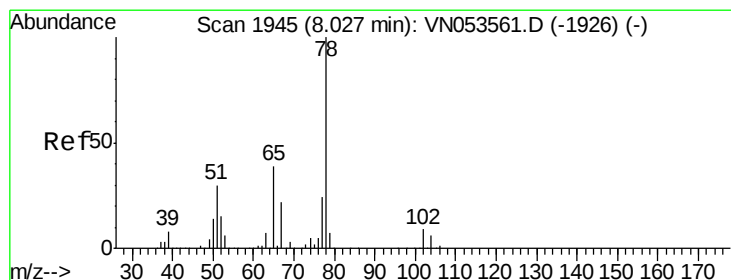
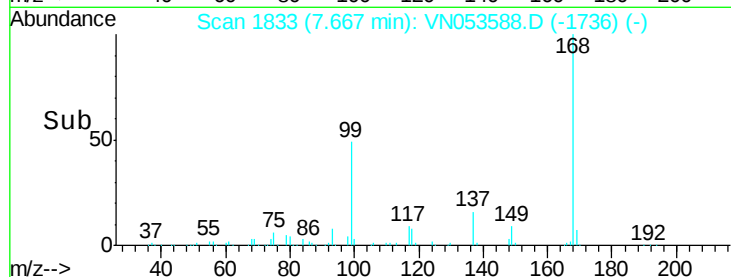
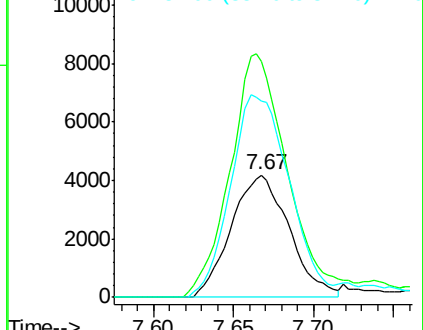
84 160.9 67.9 101.9#



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053588.D

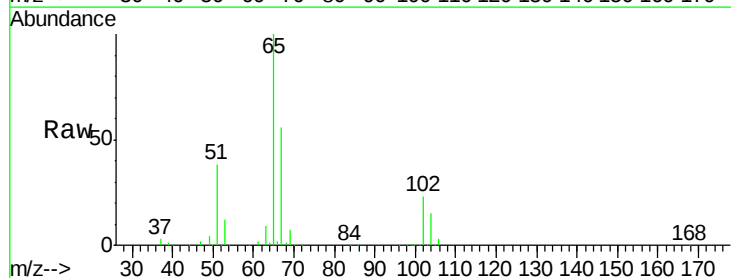
Acq: 4 Feb 2019 11:22

Tgt Ion: 65 Resp: 383842

Ion Ratio Lower Upper

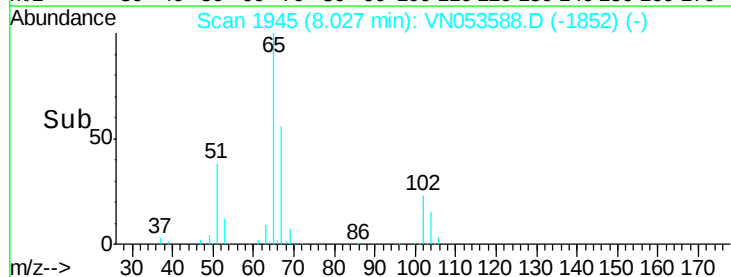
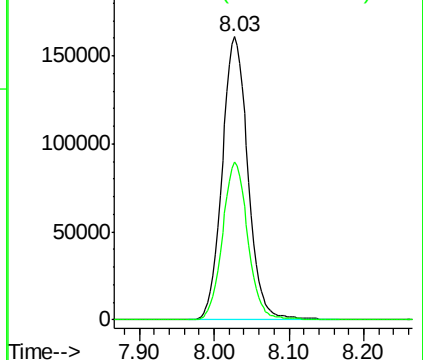
65 100

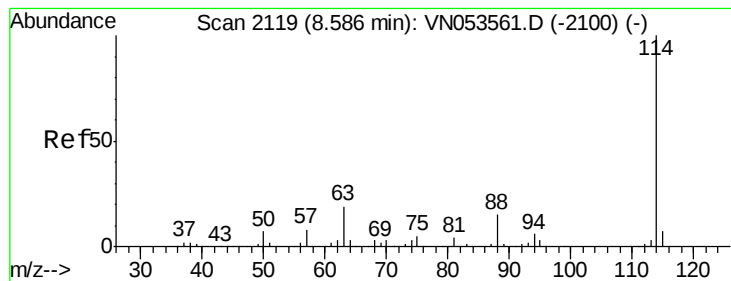
67 54.8 0.0 111.2



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053588.D

Acq: 4 Feb 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBL01

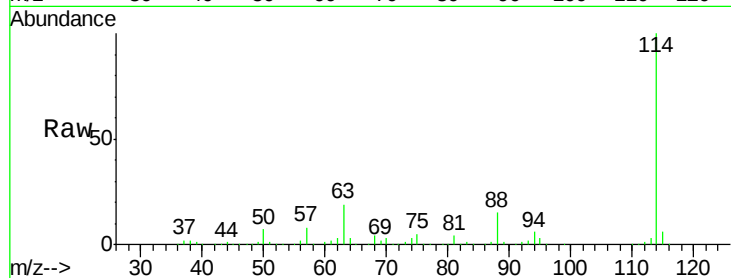
Tot Ion:114 Resp: 1176620

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

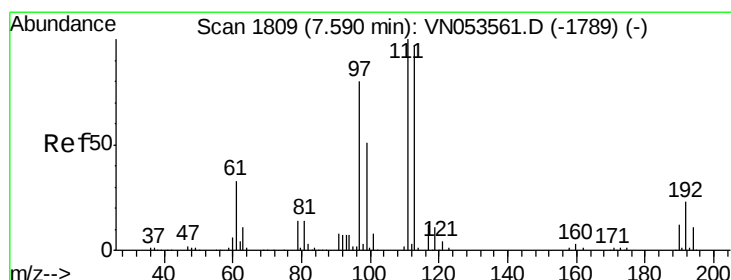
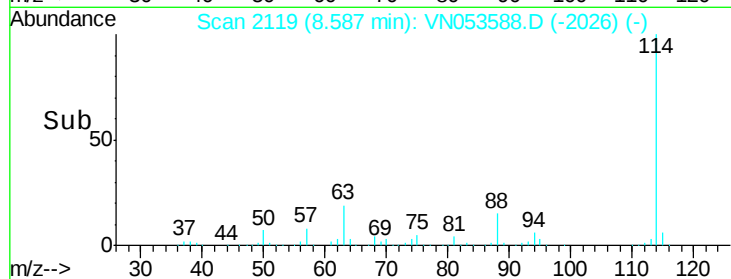
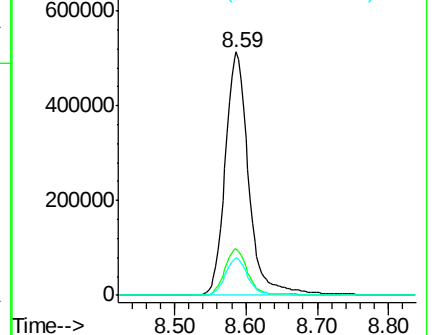
88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053588.D

Acq: 4 Feb 2019 11:22

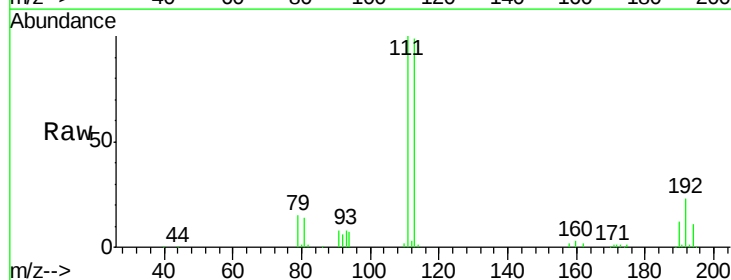
Tgt Ion:113 Resp: 374803

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

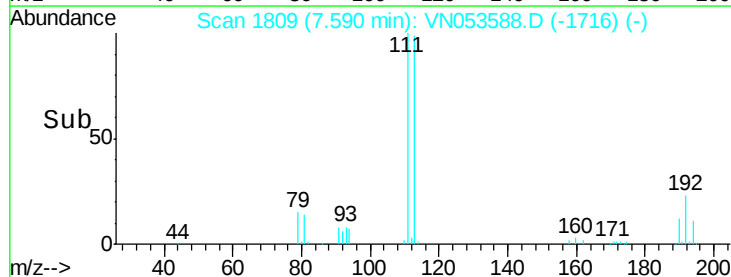
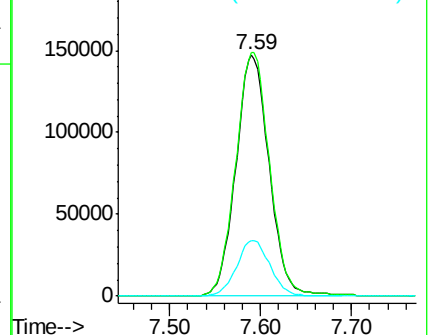
192 23.4 18.2 27.2

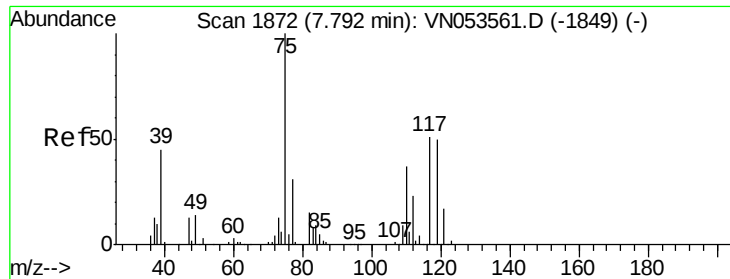


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

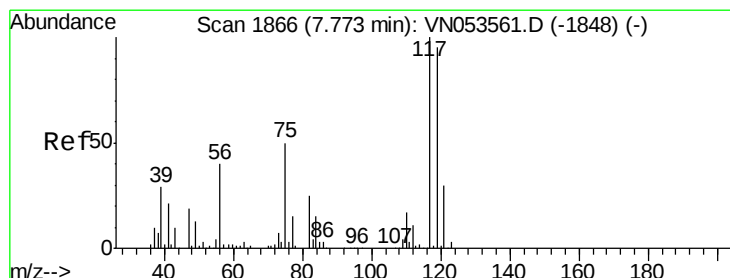
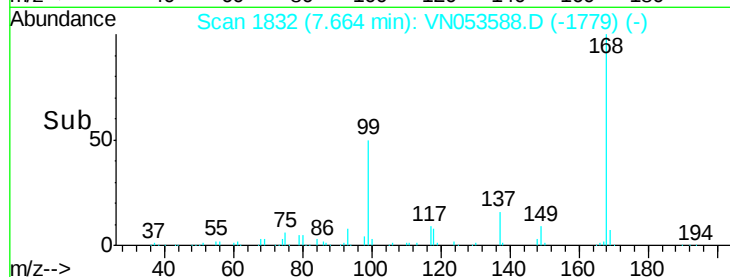
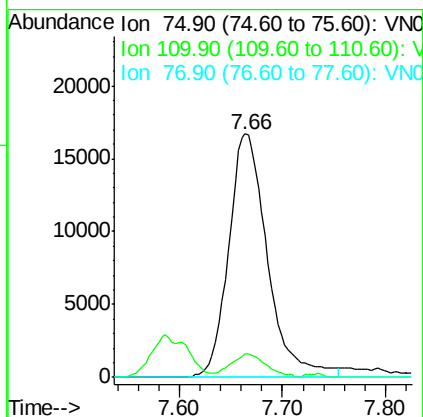
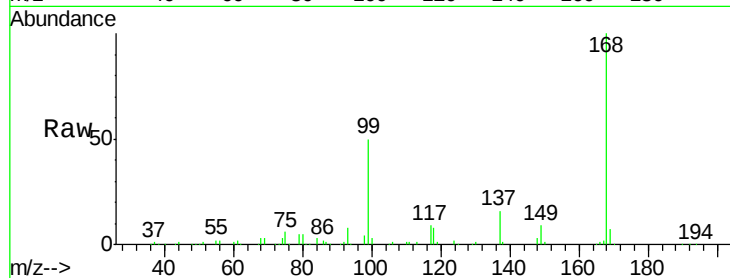




#36
 1,1-Dichloropropene
 Concen: 4.128 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053588.D
 Acq: 4 Feb 2019 11:22

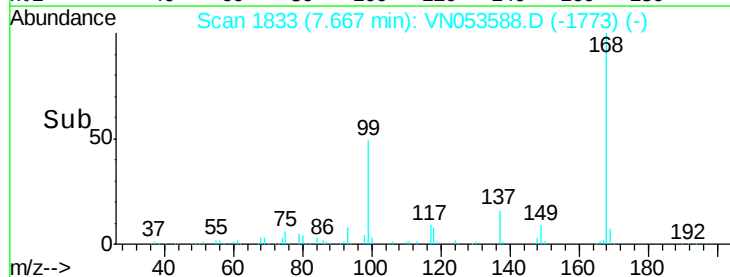
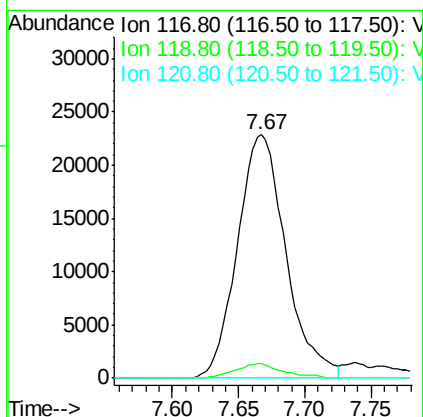
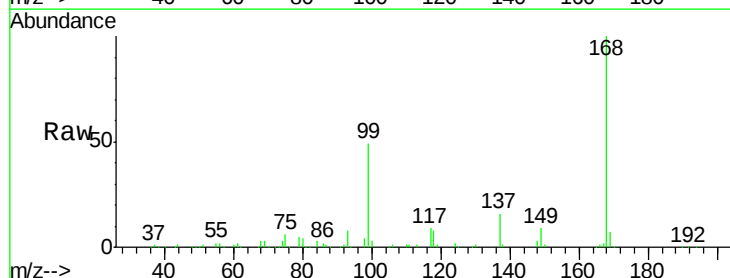
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204MBL01

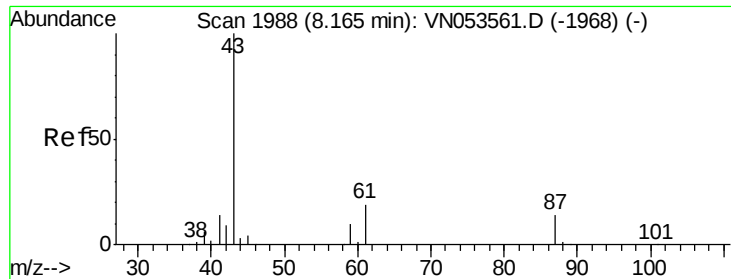
Tot Ion	75	Resp	43781
Ion Ratio	Lower	Upper	
75	100		
110	8.8	18.1	54.3#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.446 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053588.D
 Acq: 4 Feb 2019 11:22

Tgt Ion	117	Resp	58186
Ion Ratio	Lower	Upper	
117	100		
119	6.2	77.2	115.8#
121	0.0	24.6	37.0#





#43

Isopropyl Acetate

Concen: 0.443 ug/l

RT: 8.20 min Scan# 1998

Delta R.T. 0.03 min

Lab File: VN053588.D

Acq: 4 Feb 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBL01

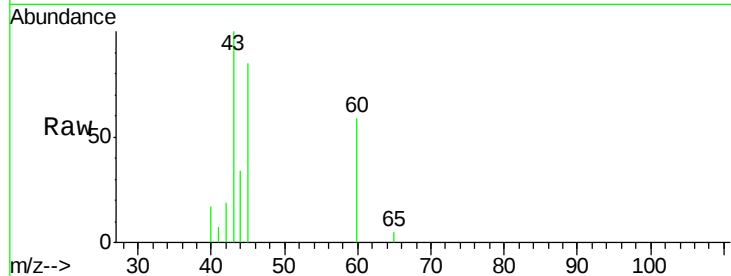
Tot Ion: 43 Resp: 5073

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

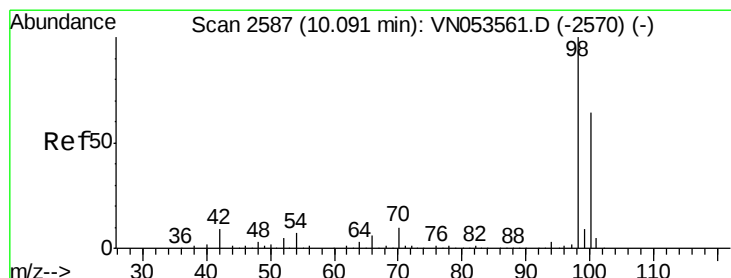
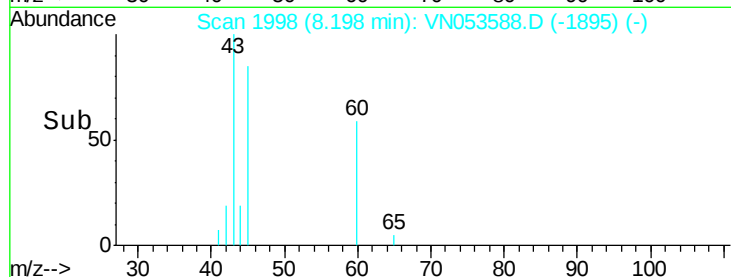
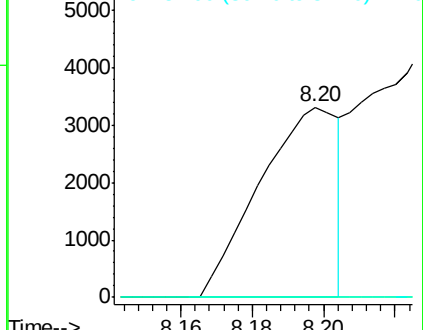
87 0.0 11.0 16.6#



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053588.D

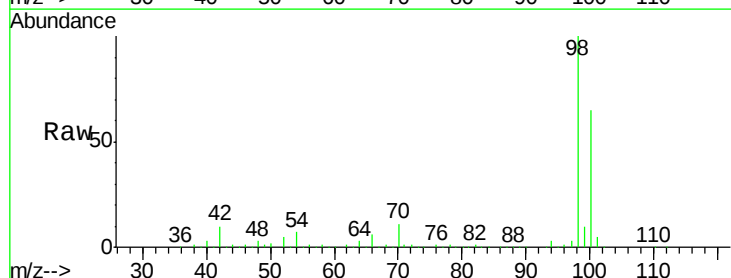
Acq: 4 Feb 2019 11:22

Tgt Ion: 98 Resp: 1416125

Ion Ratio Lower Upper

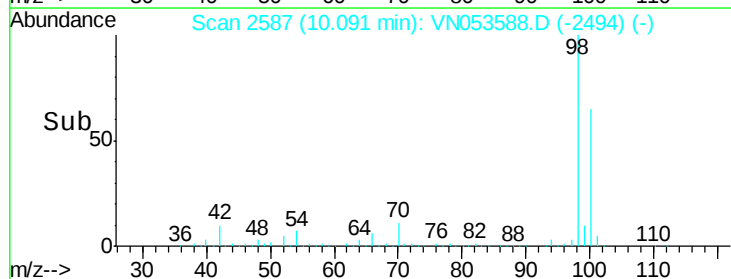
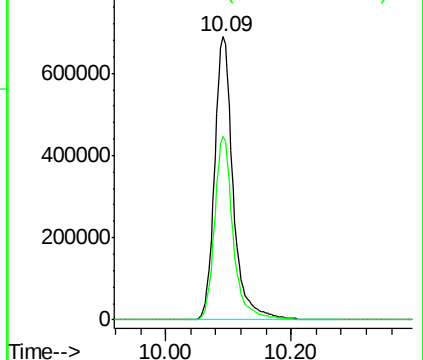
98 100

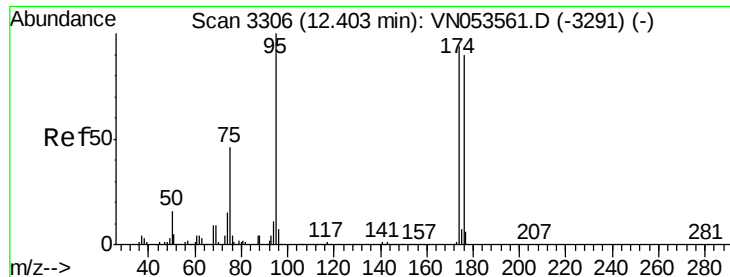
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053588.D

Acq: 4 Feb 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBL01

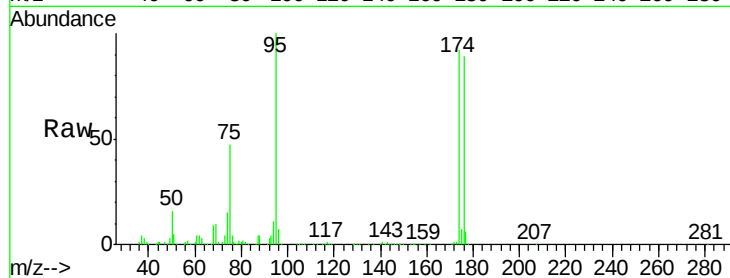
Tot Ion: 95 Resp: 463844

Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.2

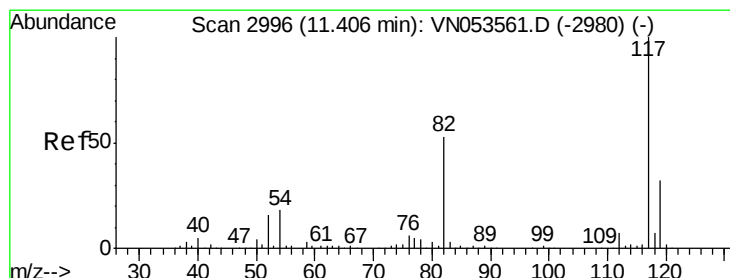
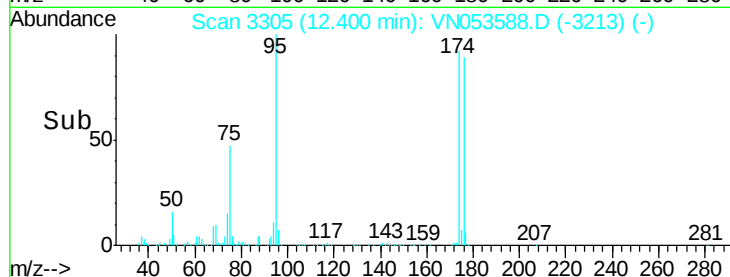
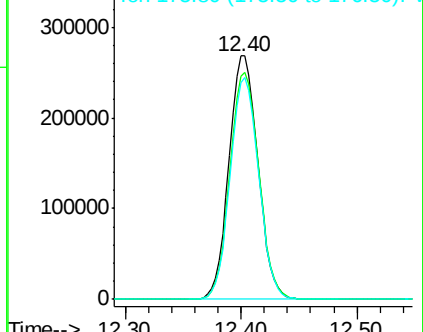
176 89.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053588.D

Acq: 4 Feb 2019 11:22

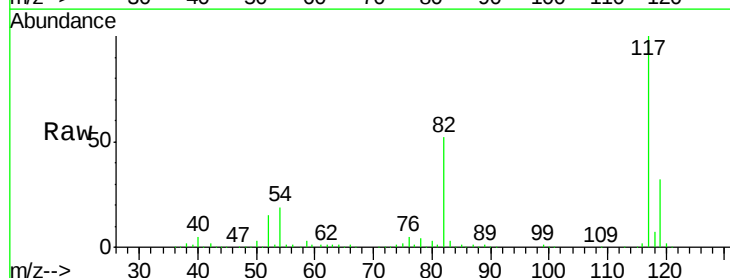
Tgt Ion: 117 Resp: 1063907

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

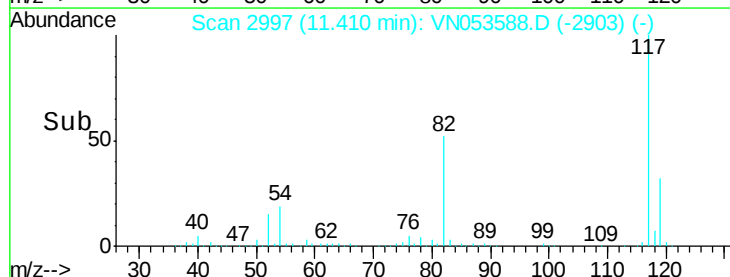
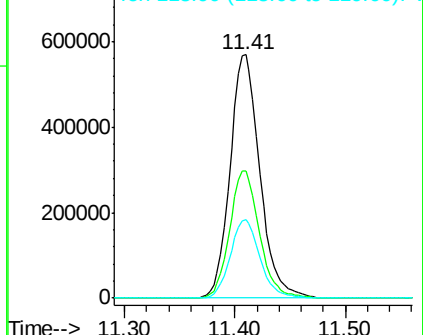
119 32.5 26.0 39.0

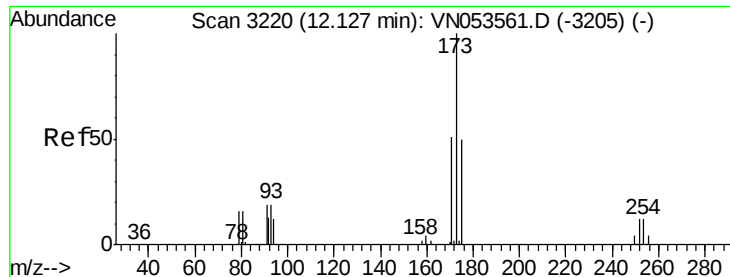


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#71

Bromoform

Concen: 0.623 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053588.D

Acq: 4 Feb 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

VN0204MBL01

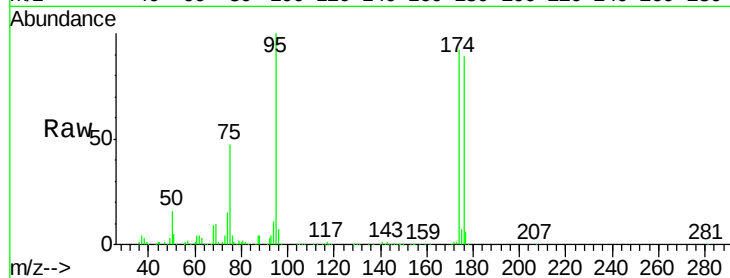
Tot Ion:173 Resp: 3372

Ion Ratio Lower Upper

173 100

175 773.0 24.6 74.0#

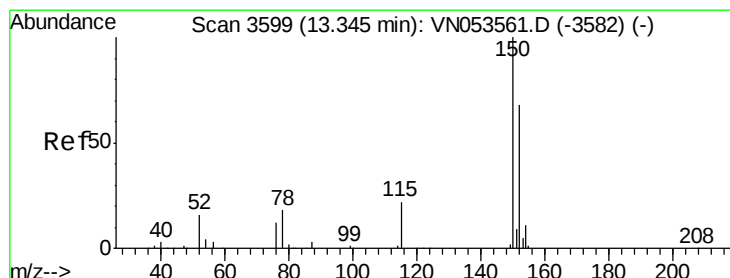
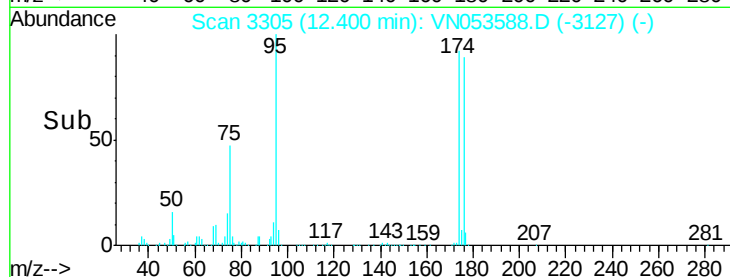
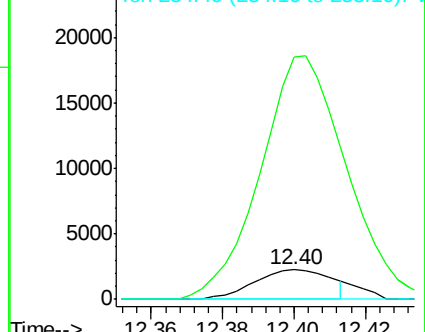
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053588.D

Acq: 4 Feb 2019 11:22

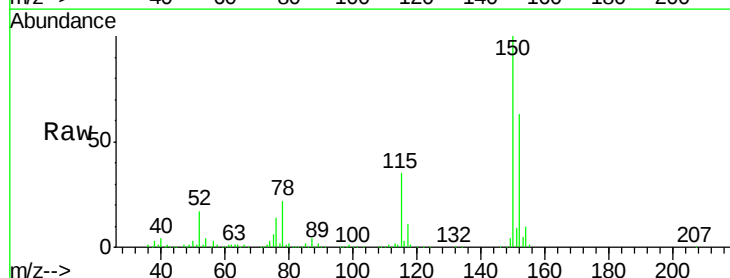
Tgt Ion:152 Resp: 435869

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.4

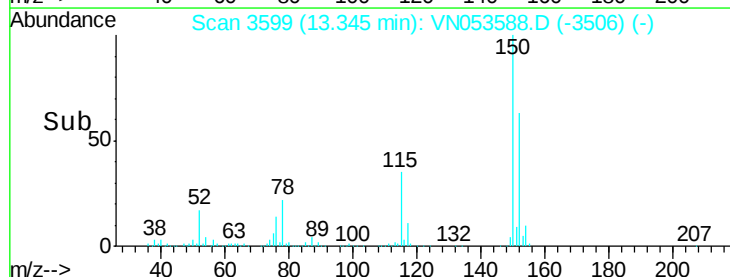
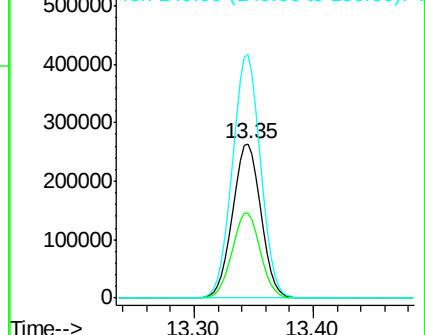
150 156.8 0.0 349.0

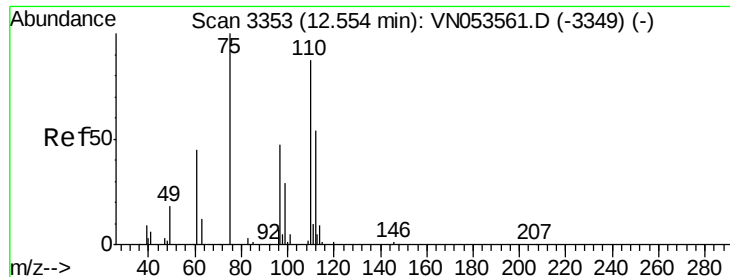


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

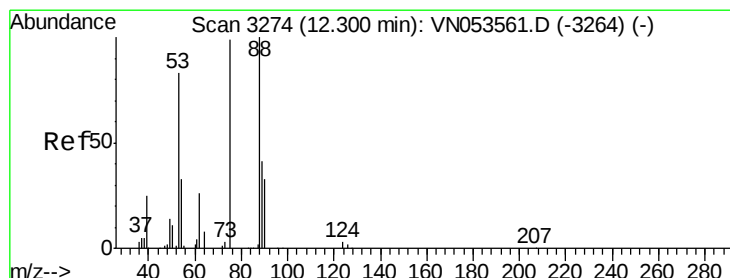
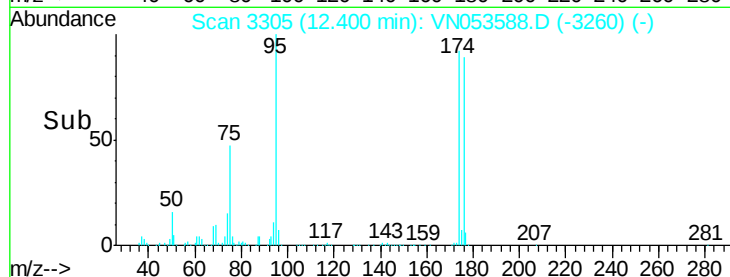
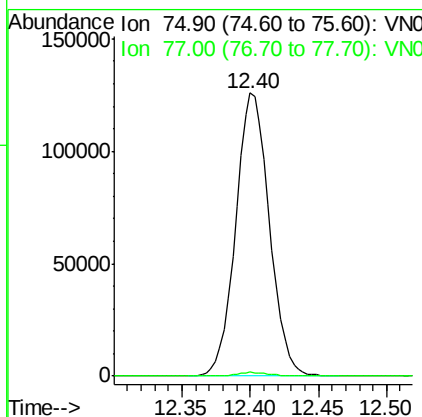
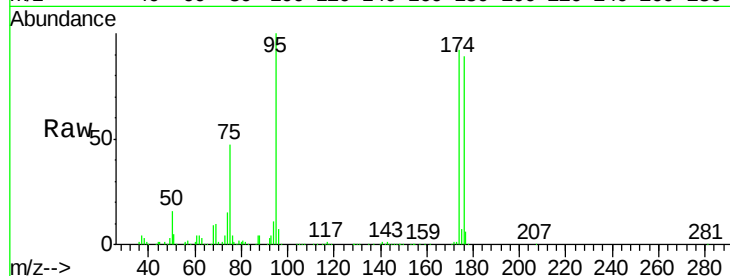




#76
 1,2,3-Trichloropropane
 Concen: 38.443 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053588.D
 Acq: 4 Feb 2019 11:22

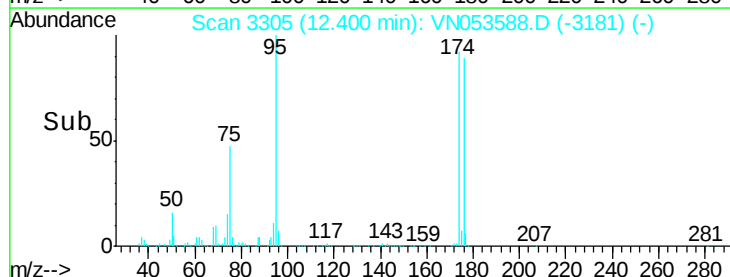
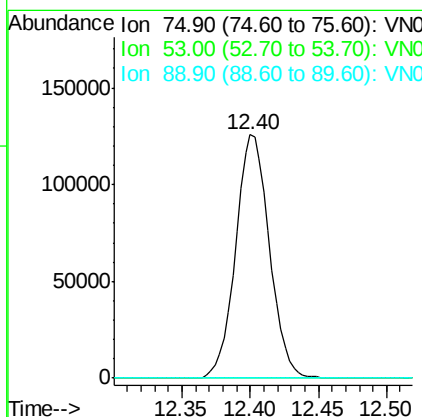
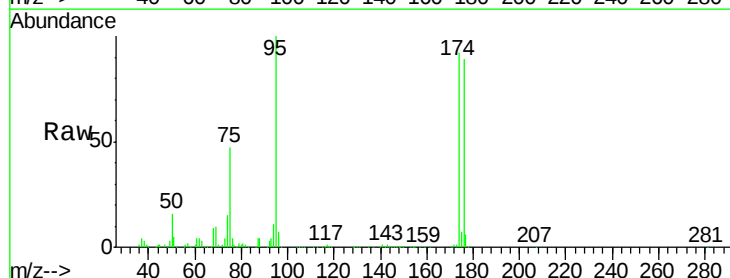
Instrument :
 MSVOA_N
 ClientSampled :
 VN0204MBL01

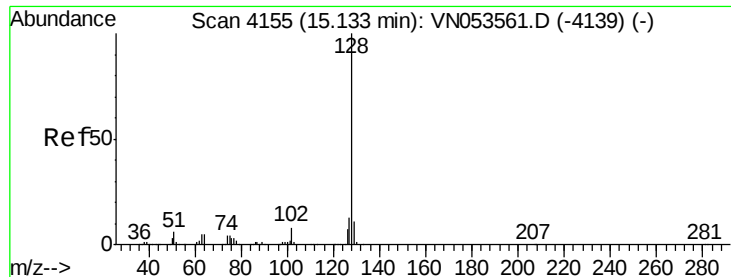
Tot Ion: 75 Resp: 215224
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.100 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053588.D
 Acq: 4 Feb 2019 11:22

Tgt Ion: 75 Resp: 215224
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.6#
 89 0.0 35.6 53.4#





#95

Naphthalene

Concen: 1.814 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053588.D

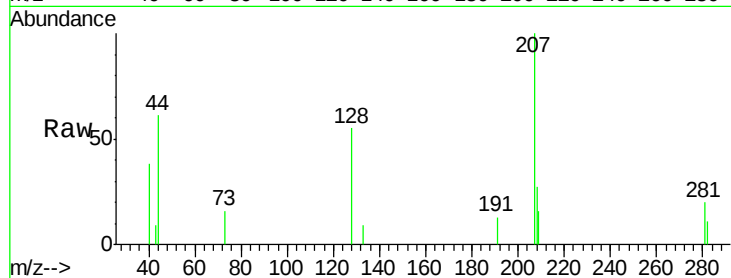
Acq: 4 Feb 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0204MBL01



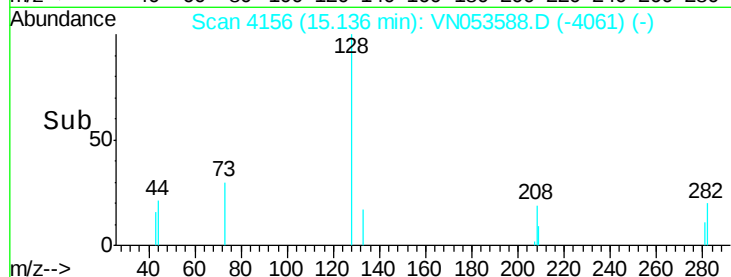
Tot Ion:128 Resp: 1543

Ion Ratio Lower Upper

128 100

127 2.2 10.3 15.5#

129 0.0 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

