

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055421.D
 Acq On : 6 May 2019 17:29
 Operator : JC/SP
 Sample : K2647-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-050219-A

Quant Time: May 07 02:22:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

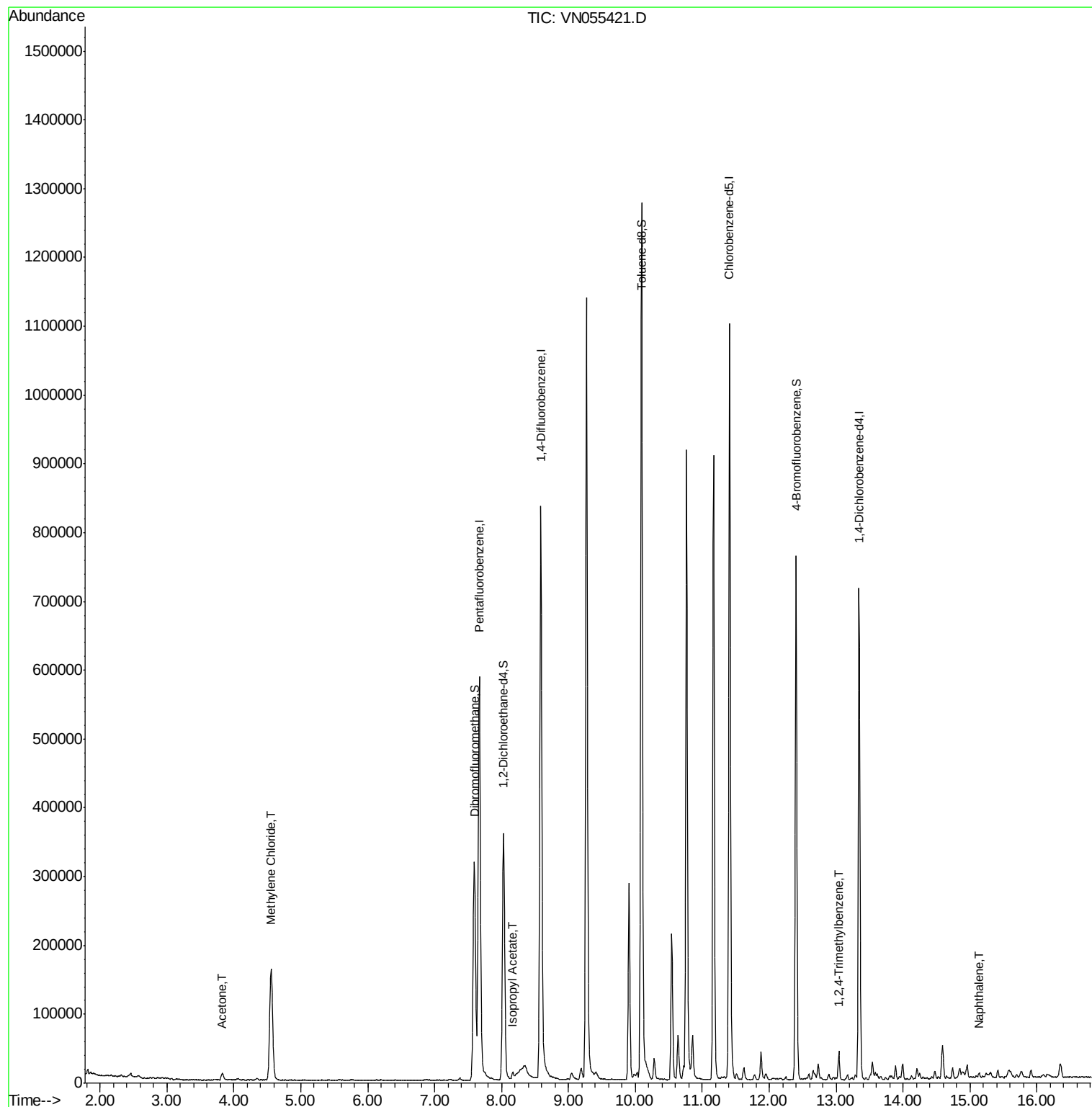
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	498689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	772683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	630242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	311945	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	7.59	113	244926	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	10.09	98	908951	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.40	95	266919	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
16) Acetone	3.82	43	17535	8.626	ug/l	90
20) Methylene Chloride	4.56	84	114842	18.509	ug/l	97
43) Isopropyl Acetate	8.17	43	12861	1.411	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	23419	1.783	ug/l	100
95) Naphthalene	15.13	128	6534	4.500	ug/l #	94

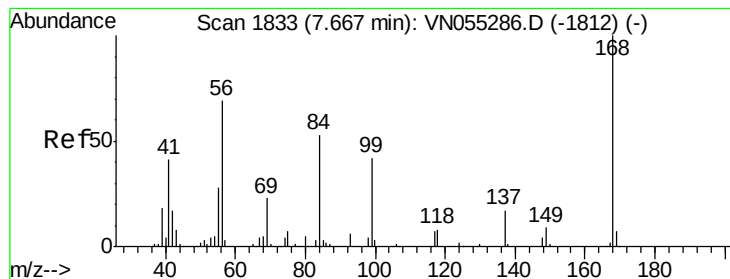
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055421.D

Acq: 6 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

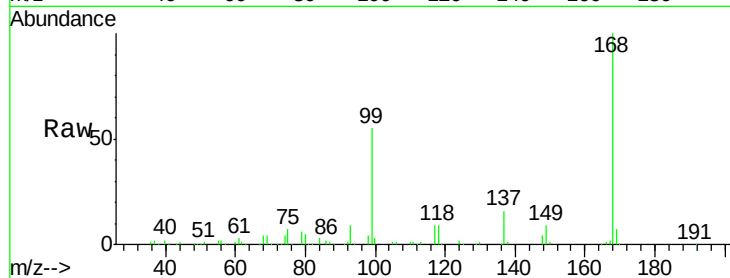
SU-04-050219-A

Tot Ion:168 Resp: 498689

Ion Ratio Lower Upper

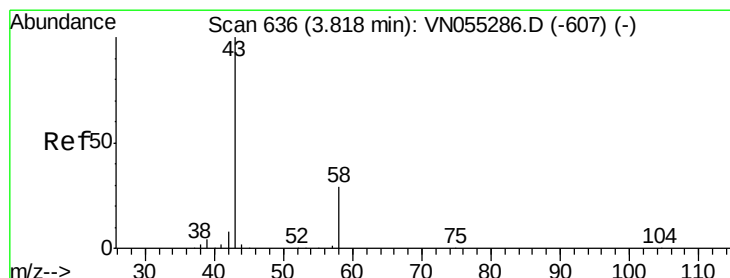
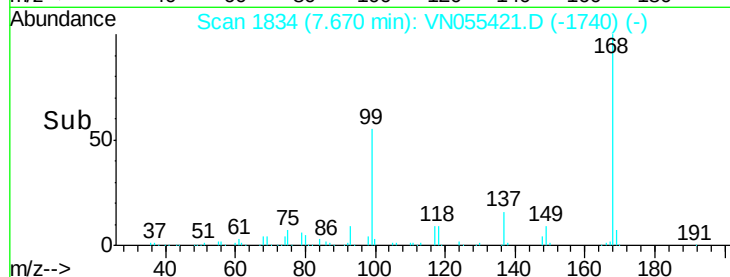
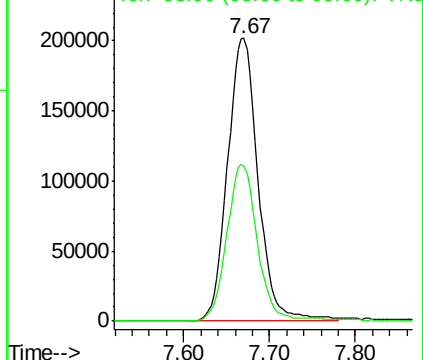
168 100

99 55.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.626 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055421.D

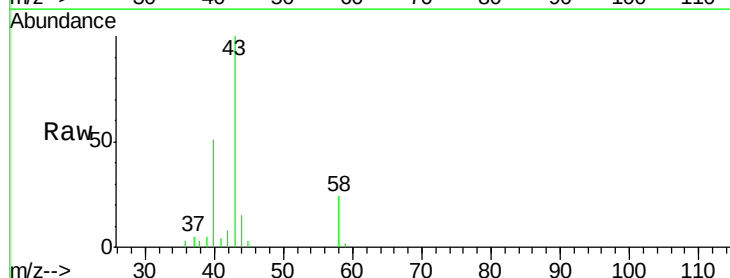
Acq: 6 May 2019 17:29

Tgt Ion: 43 Resp: 17535

Ion Ratio Lower Upper

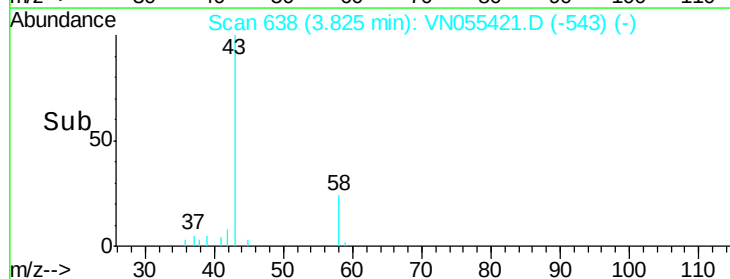
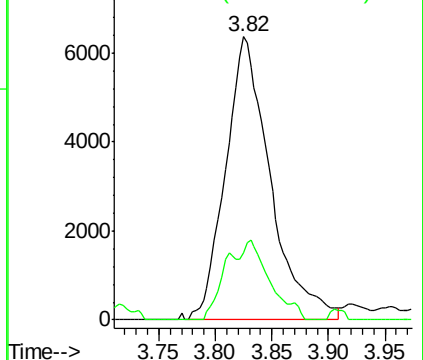
43 100

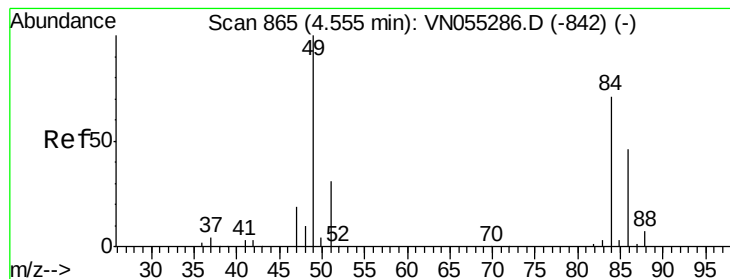
58 23.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 18.509 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN055421.D

Acq: 6 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

SU-04-050219-A

Tot Ion: 84 Resp: 114842

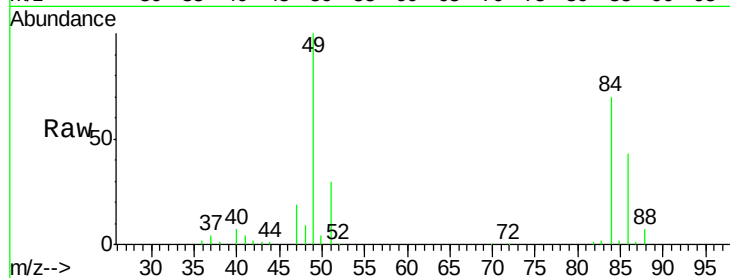
Ion Ratio Lower Upper

84 100

49 143.1 112.4 168.6

51 42.3 34.6 51.8

86 61.3 51.9 77.9

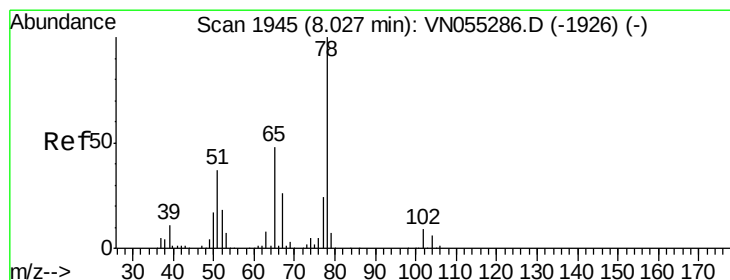
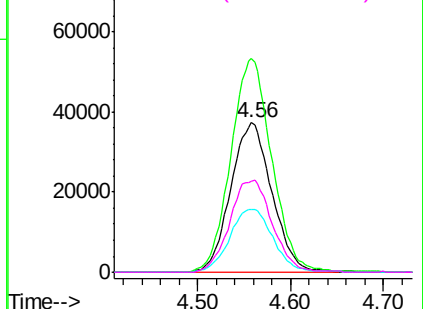
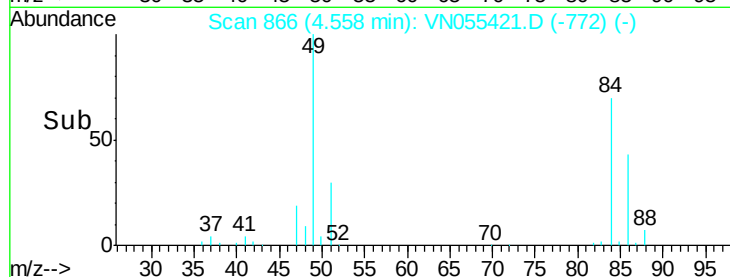


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.815 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055421.D

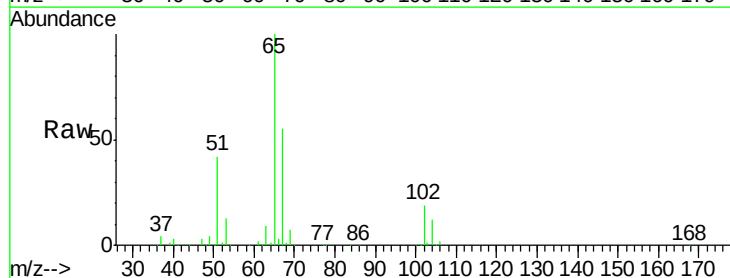
Acq: 6 May 2019 17:29

Tgt Ion: 65 Resp: 311945

Ion Ratio Lower Upper

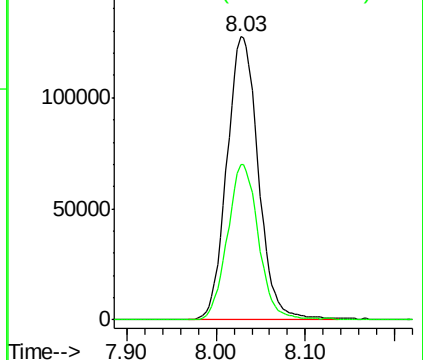
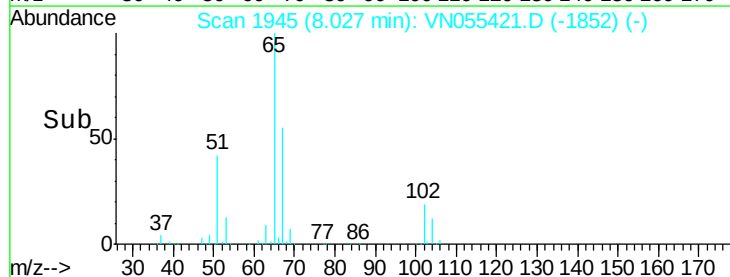
65 100

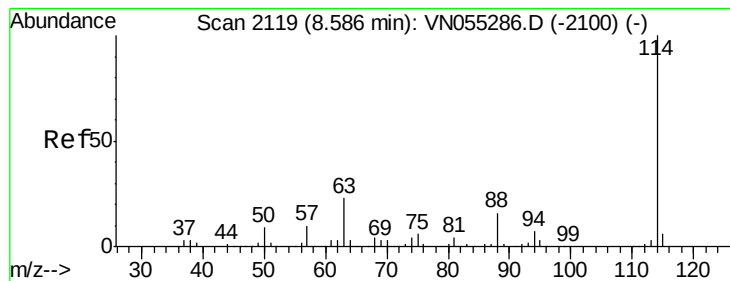
67 54.2 0.0 106.8



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: VN055421.D

Acq: 6 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

SU-04-050219-A

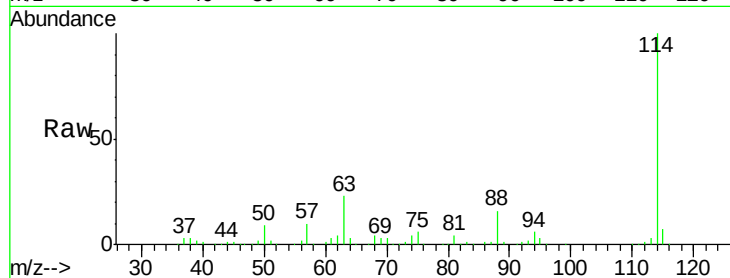
Tot Ion:114 Resp: 772683

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

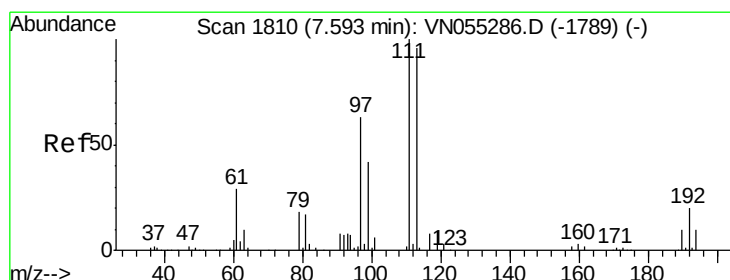
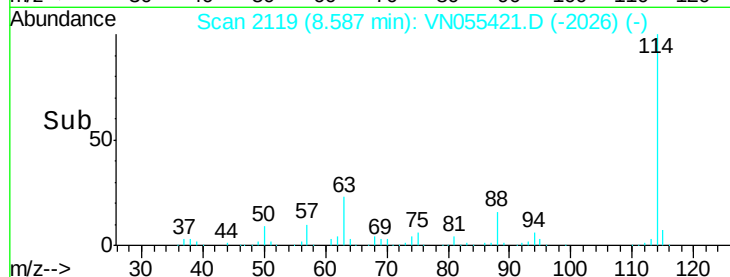
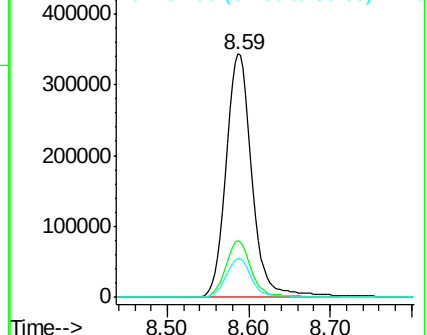
88 16.0 0.0 31.6



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: 48.293 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055421.D

Acq: 6 May 2019 17:29

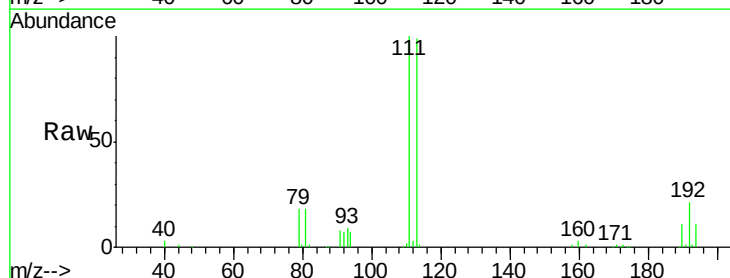
Tgt Ion:113 Resp: 244926

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

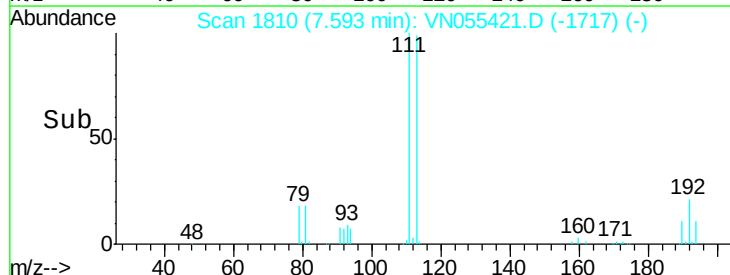
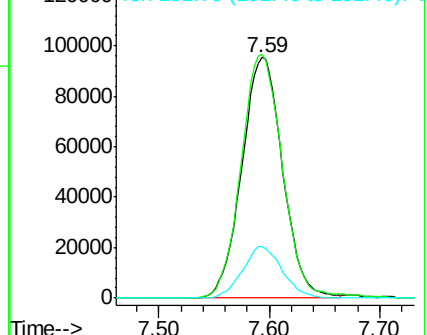
192 20.9 17.0 25.6

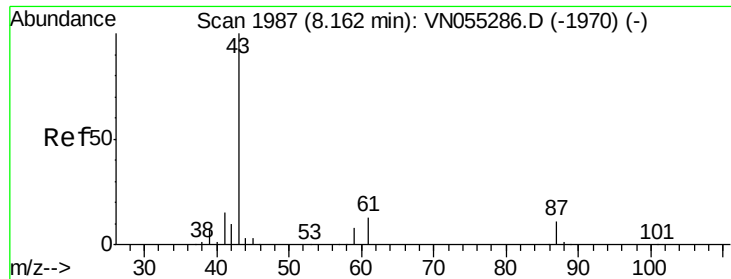


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.411 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055421.D

Acq: 6 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

SU-04-050219-A

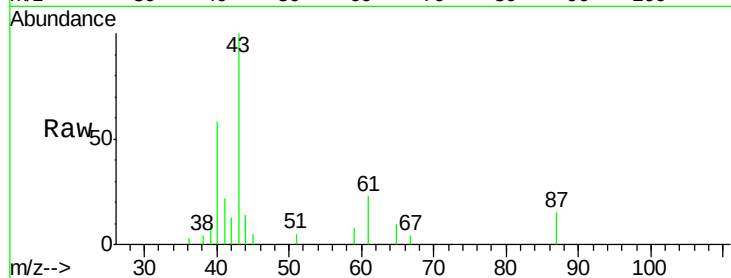
Tot Ion: 43 Resp: 12861

Ion Ratio Lower Upper

43 100

61 21.0 20.8 31.2

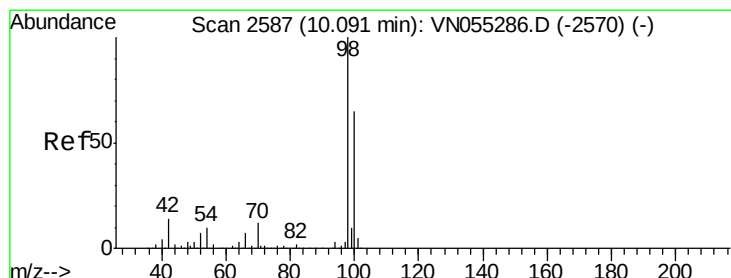
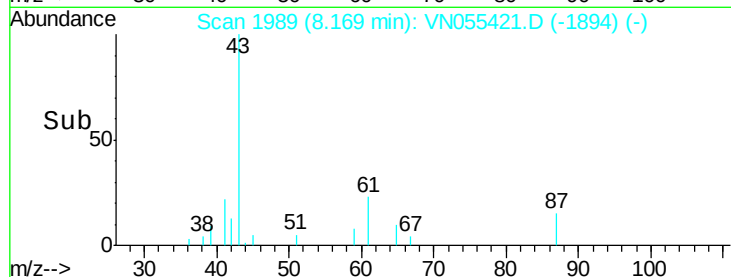
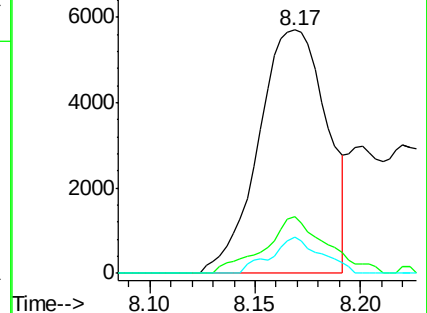
87 10.8 8.5 12.7



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: 49.634 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055421.D

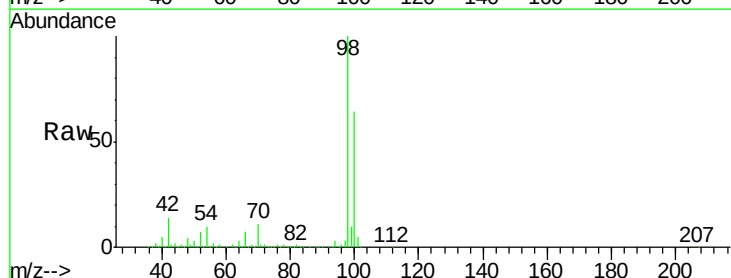
Acq: 6 May 2019 17:29

Tgt Ion: 98 Resp: 908951

Ion Ratio Lower Upper

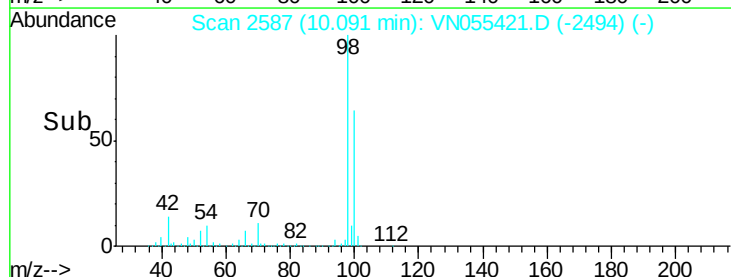
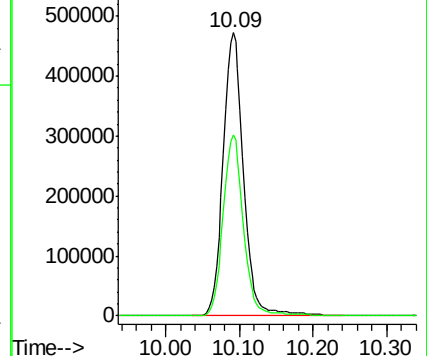
98 100

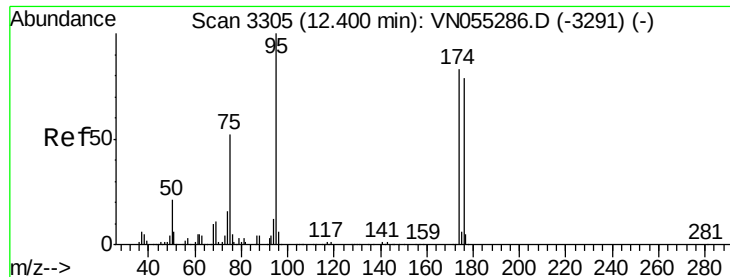
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.636 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055421.D

Acq: 6 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

SU-04-050219-A

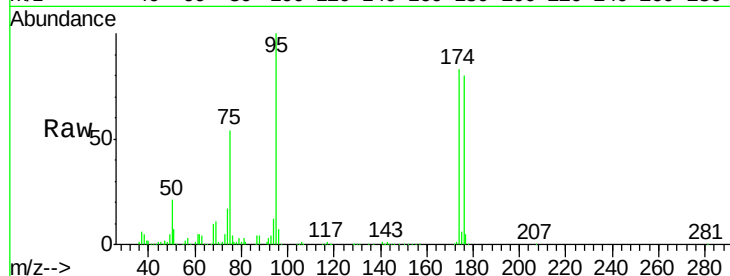
Tot Ion: 95 Resp: 266919

Ion Ratio Lower Upper

95 100

174 82.7 0.0 166.6

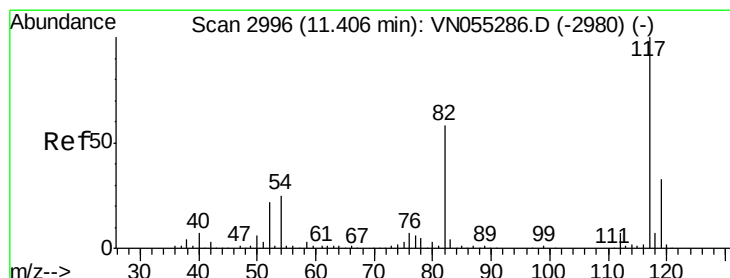
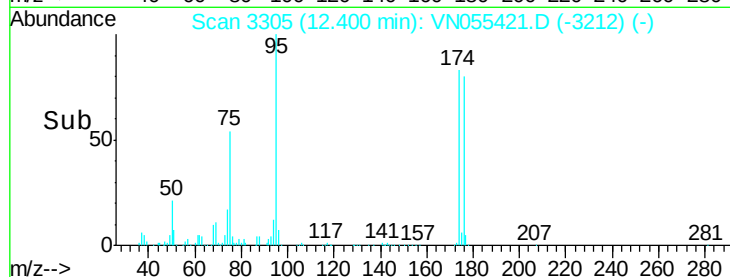
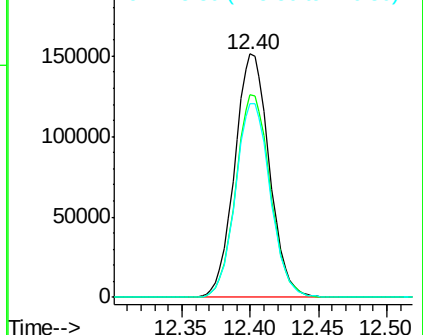
176 80.1 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055421.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055421.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055421.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055421.D

Acq: 6 May 2019 17:29

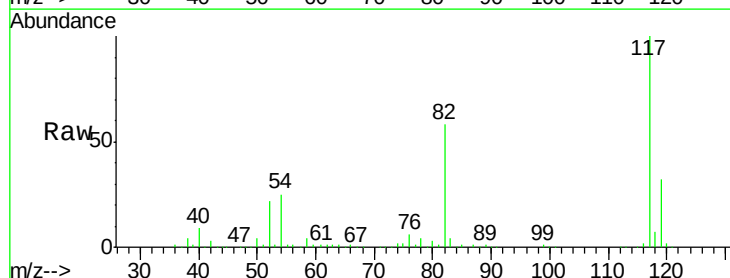
Tgt Ion: 117 Resp: 630242

Ion Ratio Lower Upper

117 100

82 57.8 46.2 69.4

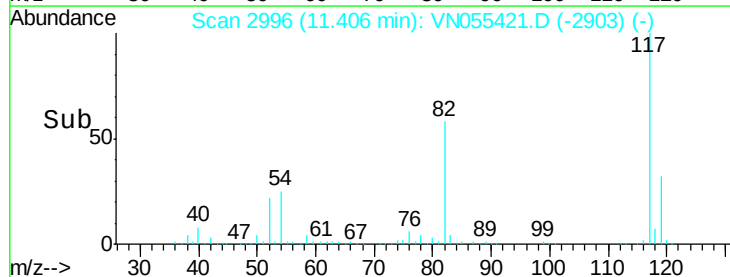
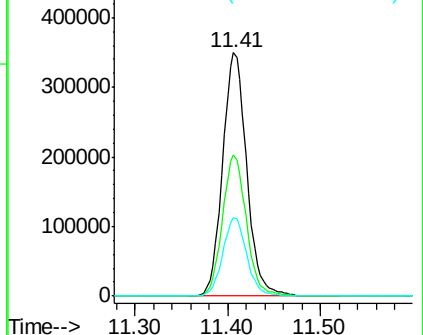
119 32.3 26.6 40.0

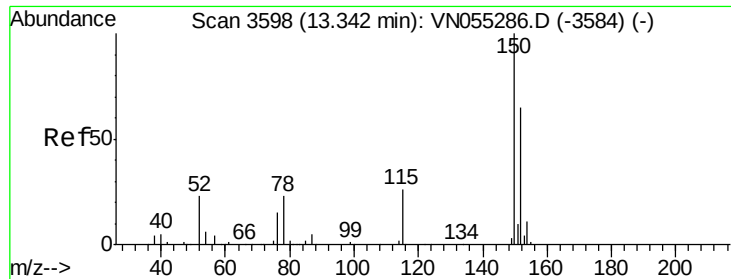


Abundance Ion 116.90 (116.60 to 117.60): VN055421.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055421.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055421.D (-2903) (-)

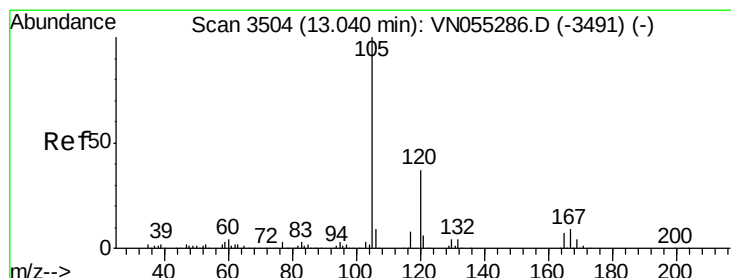
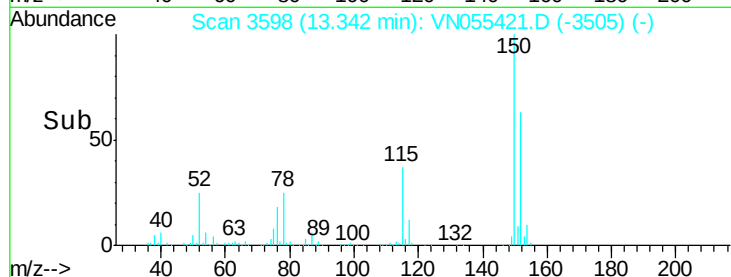
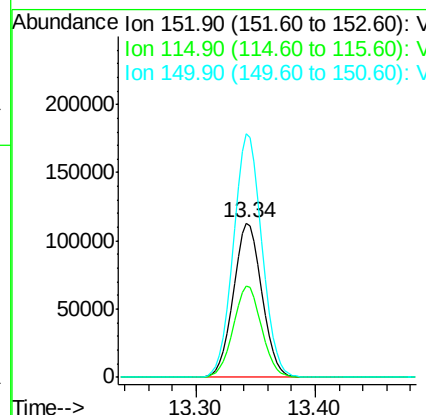
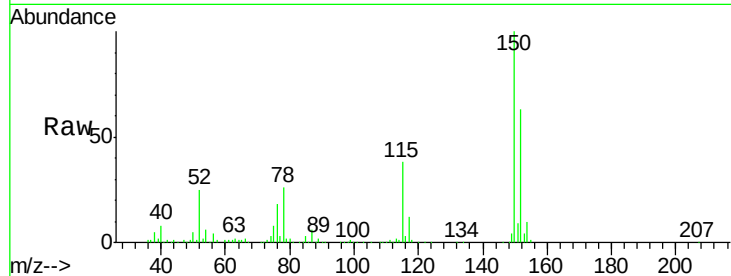




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055421.D
 Acq: 6 May 2019 17:29

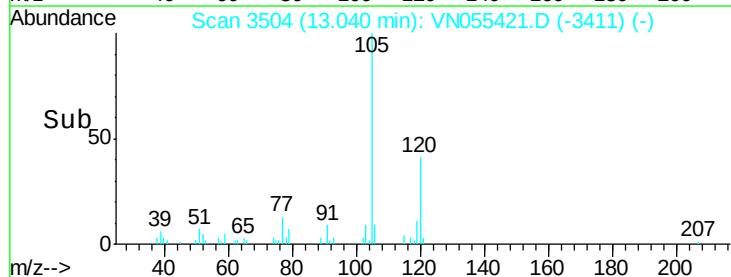
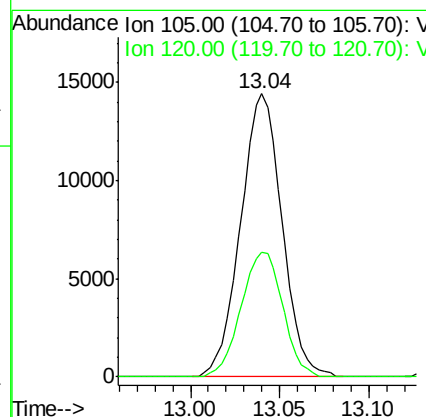
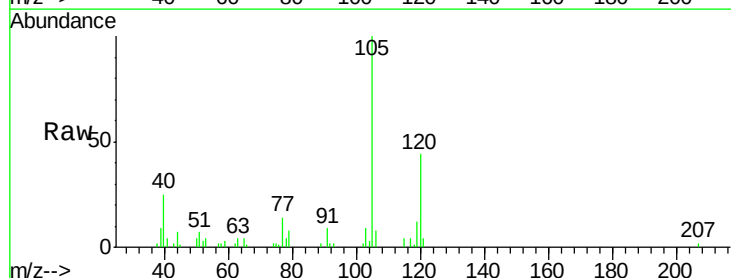
Instrument :
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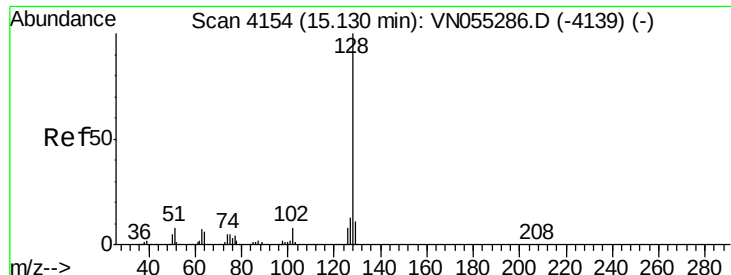
Tot Ion:152 Resp: 187329
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.0 87.0
 150 158.0 0.0 345.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.783 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055421.D
 Acq: 6 May 2019 17:29

Tgt Ion:105 Resp: 23419
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#95

Naphthalene

Concen: 4.500 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055421.D

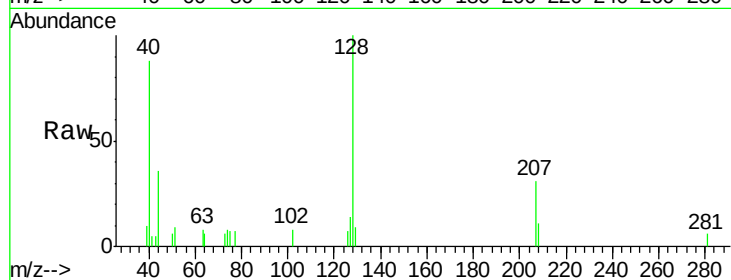
Acq: 6 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

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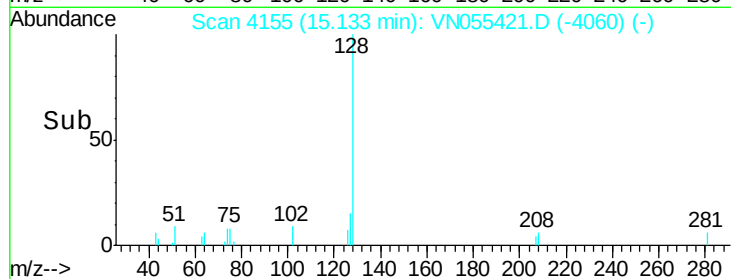
Tot Ion:128 Resp: 6534

Ion Ratio Lower Upper

128 100

127 15.4 10.7 16.1

129 8.5 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

