

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053705.D
 Acq On : 11 Feb 2019 15:26
 Operator : JC/SP
 Sample : K1442-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-11

Quant Time: Feb 11 22:59:15 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

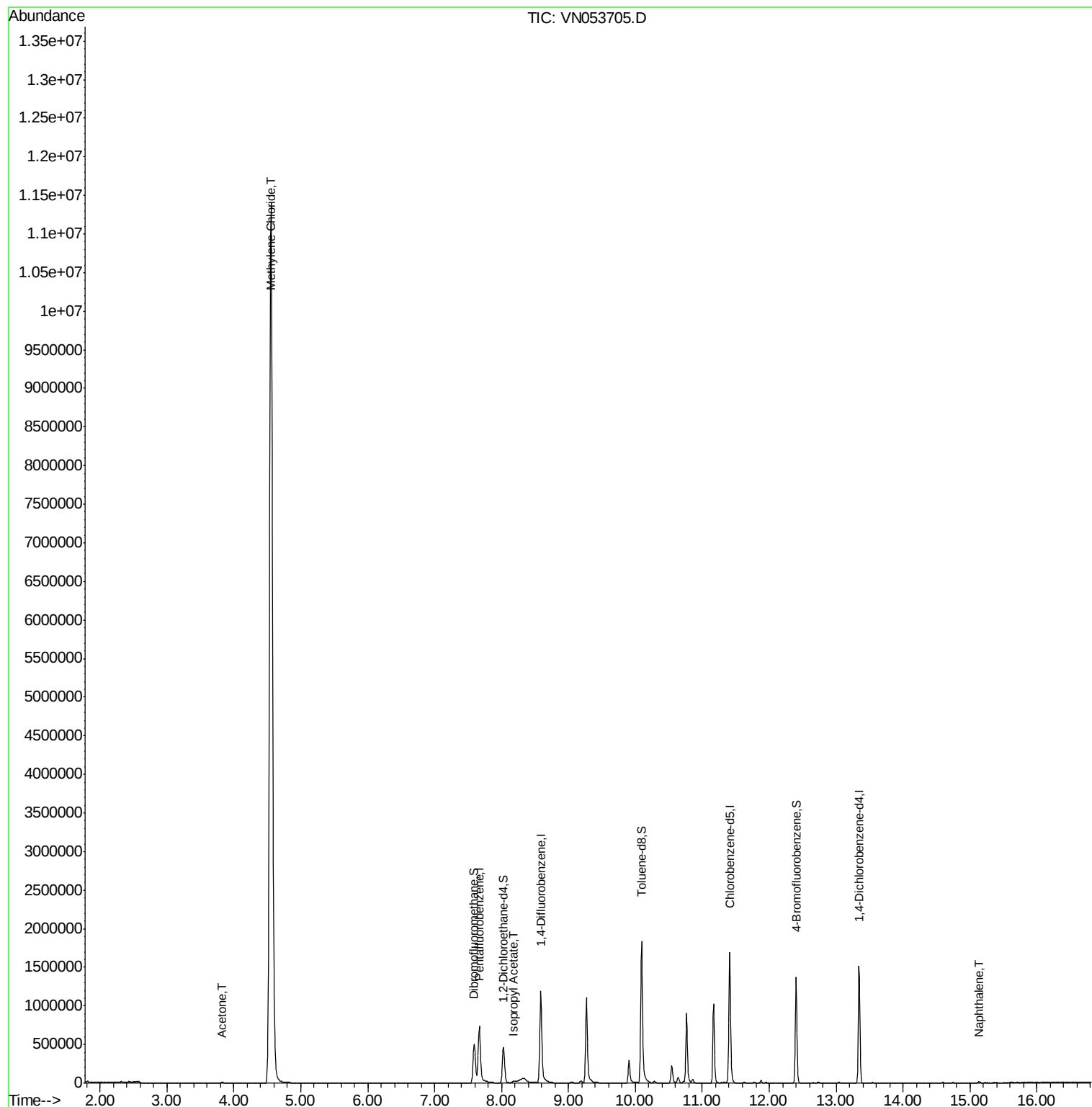
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	757694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1242117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1138905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	448891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	402091	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.59	113	393774	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.09	98	1522633	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	488126	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
Target Compounds						
16) Acetone	3.82	43	17089	8.765	ug/l	97
20) Methylene Chloride	4.55	84	9225964	1127.893	ug/l	99
43) Isopropyl Acetate	8.17	43	33923	2.809	ug/l #	74
95) Naphthalene	15.13	128	12331	2.340	ug/l	99

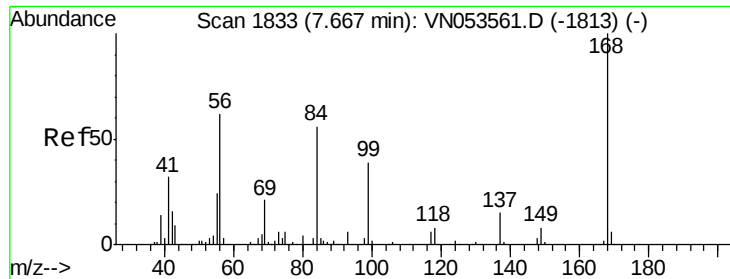
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053705.D

Acq: 11 Feb 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

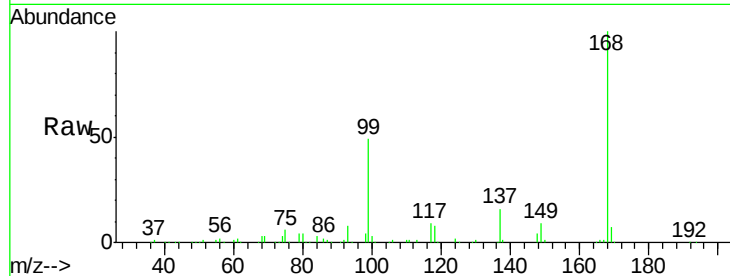
COMP-11

Tot Ion:168 Resp: 757694

Ion Ratio Lower Upper

168 100

99 48.9 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

300000

250000

200000

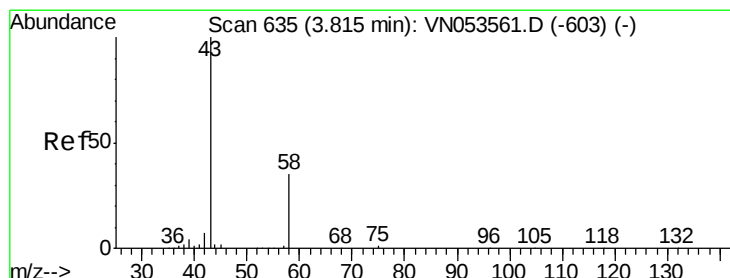
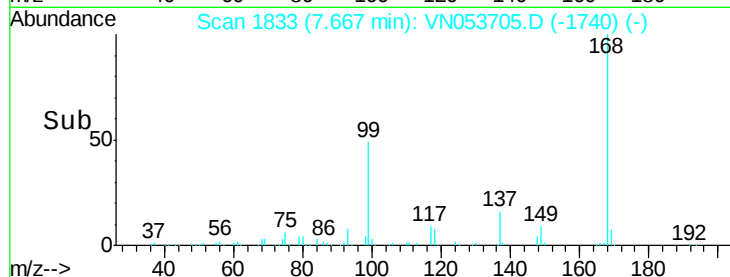
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 8.765 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053705.D

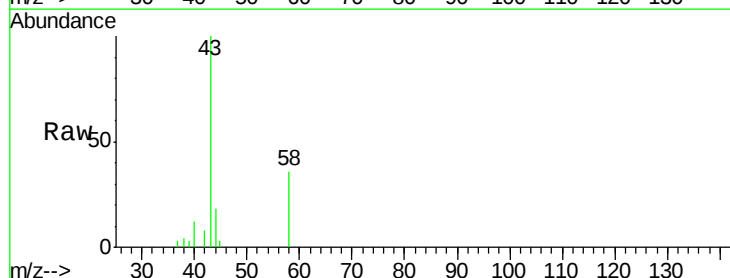
Acq: 11 Feb 2019 15:26

Tgt Ion: 43 Resp: 17089

Ion Ratio Lower Upper

43 100

58 35.8 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

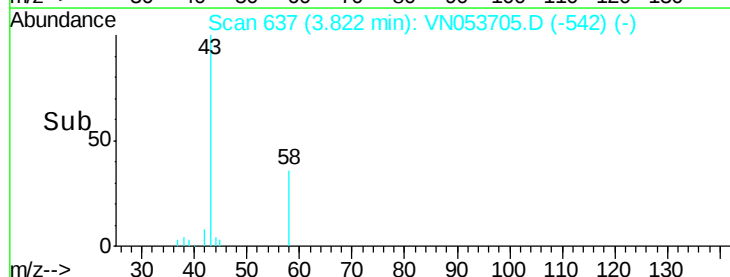
6000

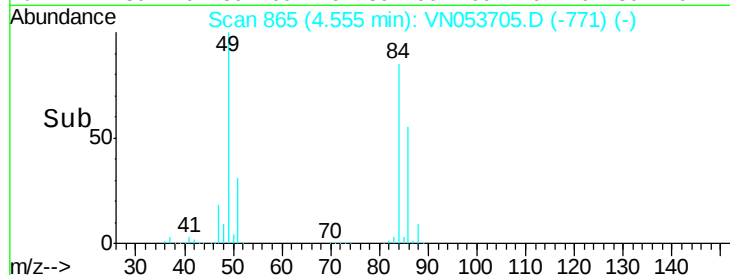
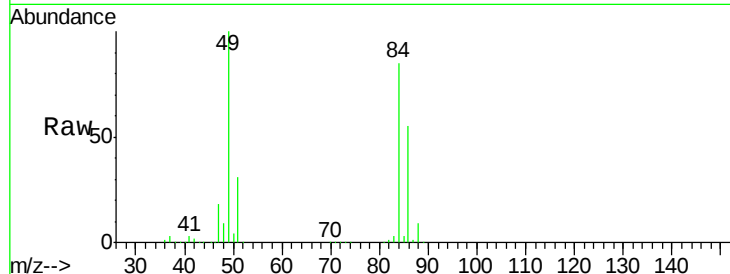
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90



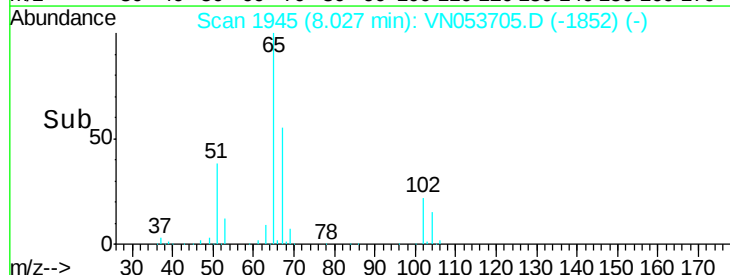
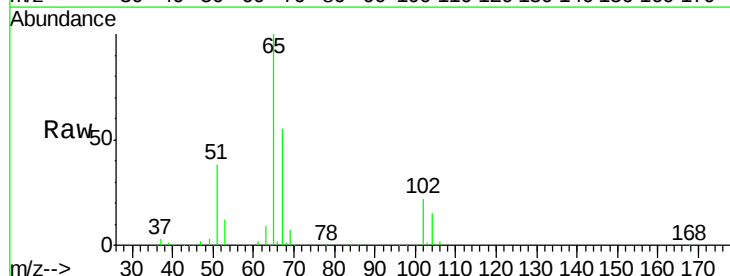
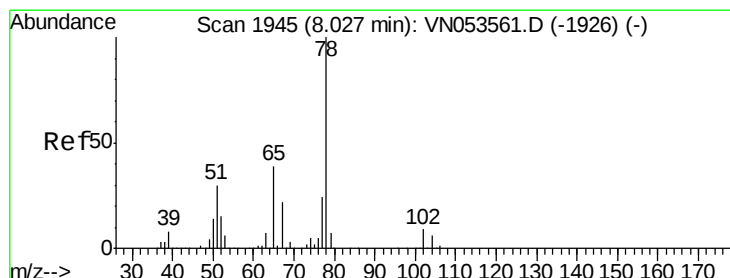
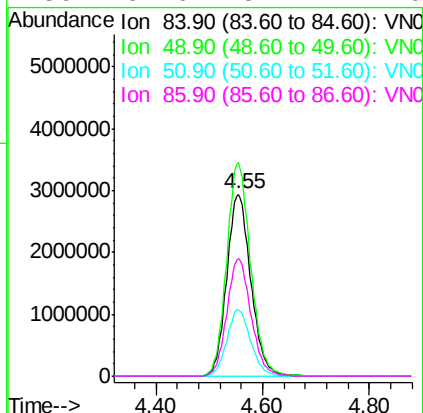


#20
Methvlene Chloride
Concen: 1127.893 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053705.D
Acq: 11 Feb 2019 15:26

Instrument :
MSVOA_N
ClientSampled :
COMP-11

Tot Ion: 84 Resp: 9225964

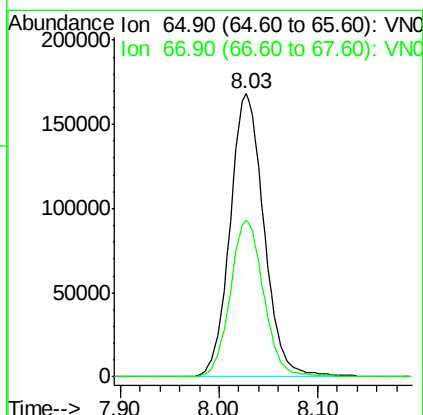
Ion	Ratio	Lower	Upper
84	100		
49	117.1	94.3	141.5
51	36.6	29.4	44.2
86	64.6	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 52.899 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053705.D
Acq: 11 Feb 2019 15:26

Tgt Ion: 65 Resp: 402091

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	111.2

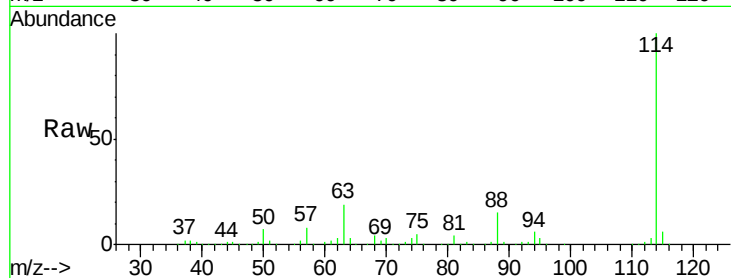




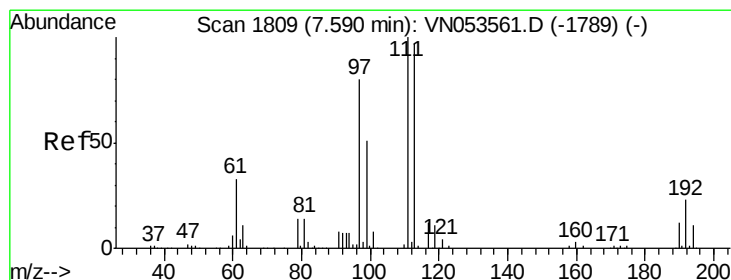
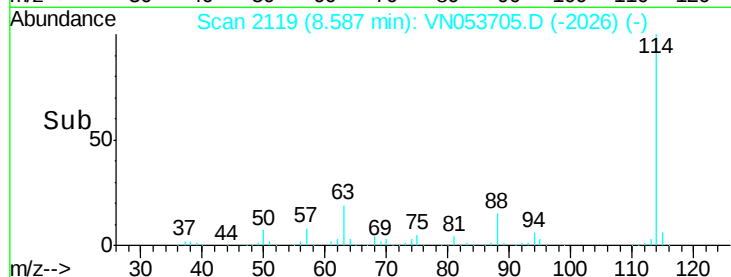
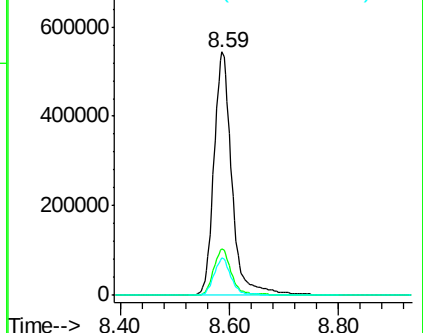
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053705.D
Acq: 11 Feb 2019 15:26

Instrument :
MSVOA_N
ClientSampleId :
COMP-11

Tot Ion:114 Resp: 1242117
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.2 0.0 30.4

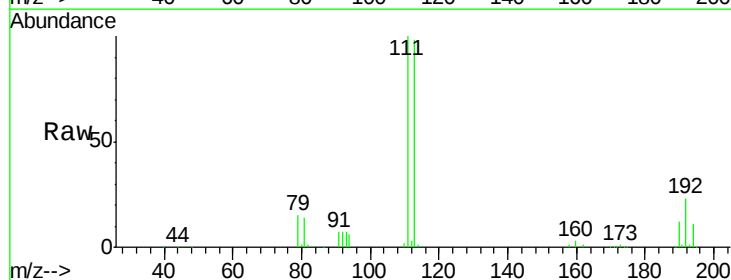


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

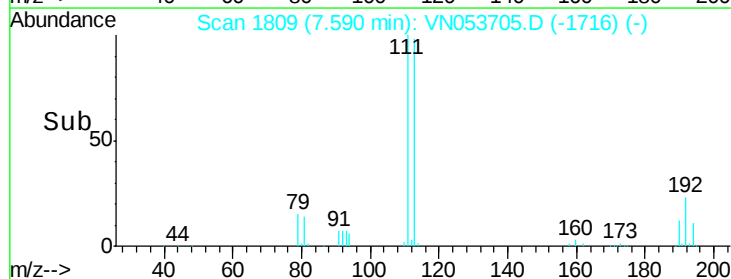
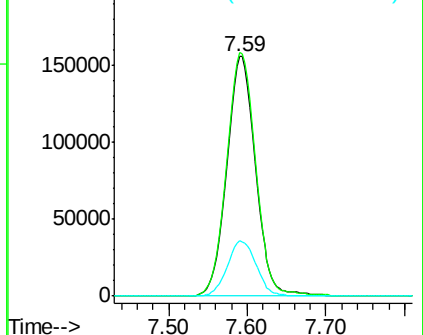


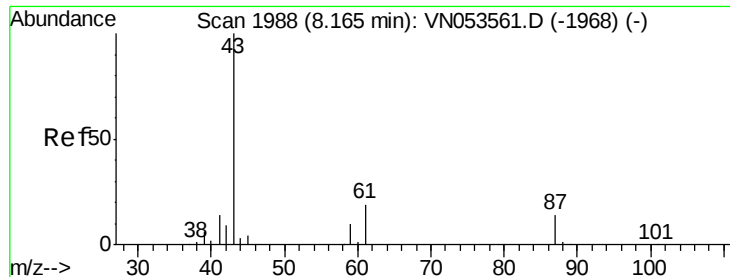
#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053705.D
Acq: 11 Feb 2019 15:26

Tgt Ion:113 Resp: 393774
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 23.3 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





#43

Isopropyl Acetate

Concen: 2.809 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053705.D

Acq: 11 Feb 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

COMP-11

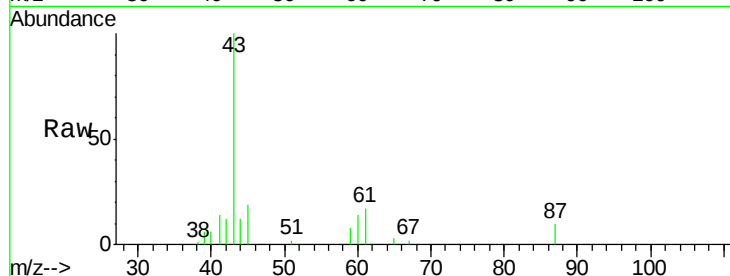
Tot Ion: 43 Resp: 33923

Ion Ratio Lower Upper

43 100

61 15.5 23.9 35.9#

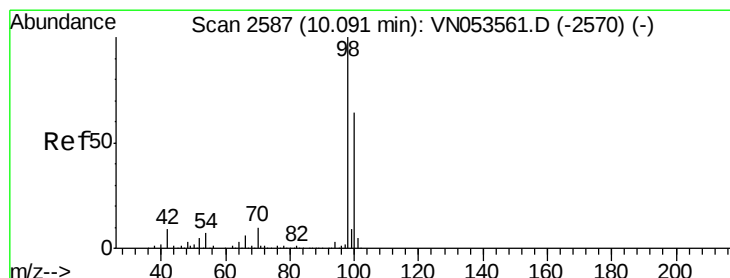
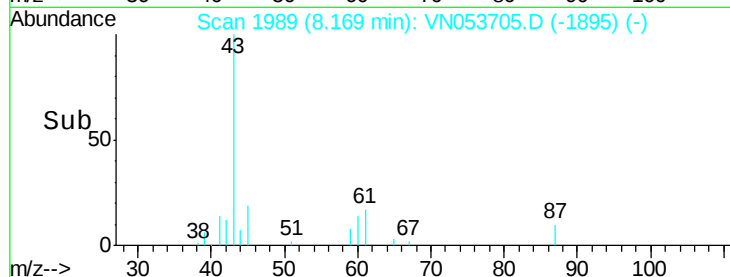
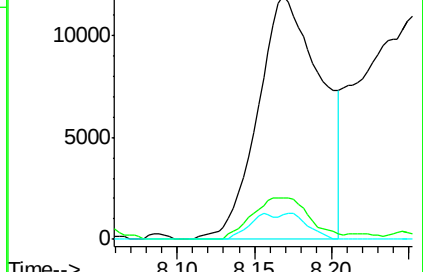
87 4.1 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053705.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN053705.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN053705.D (-1895) (-)



#50

Toluene-d8

Concen: 51.667 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053705.D

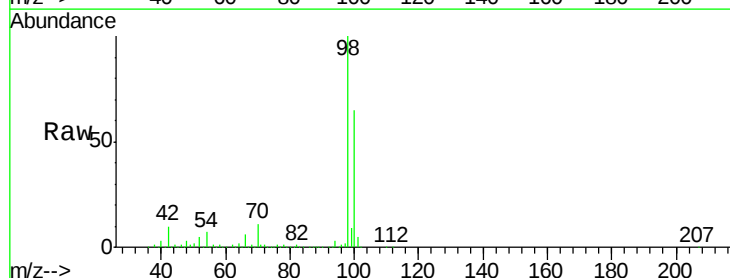
Acq: 11 Feb 2019 15:26

Tgt Ion: 98 Resp: 1522633

Ion Ratio Lower Upper

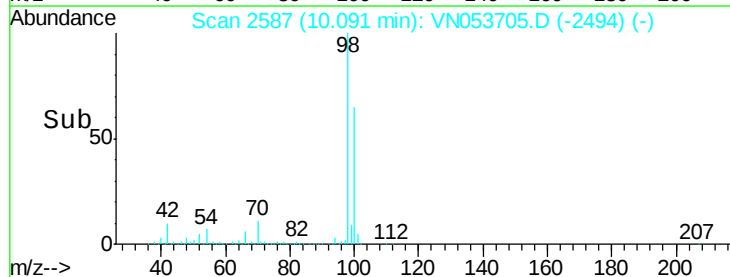
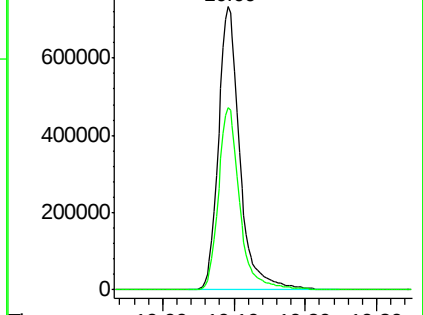
98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053705.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053705.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 49.663 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053705.D

Acq: 11 Feb 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

COMP-11

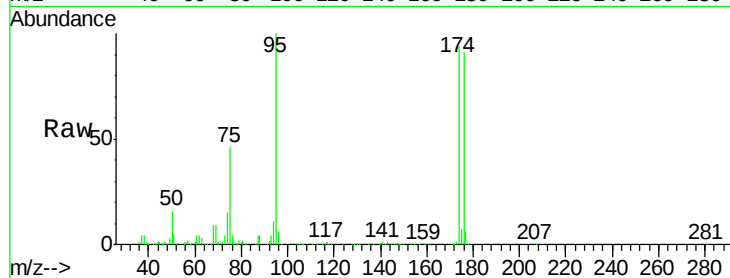
Tot Ion: 95 Resp: 488126

Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.2

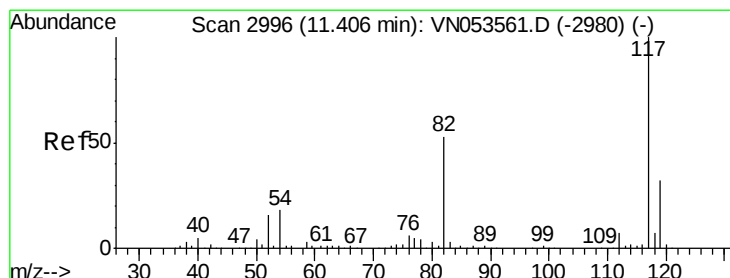
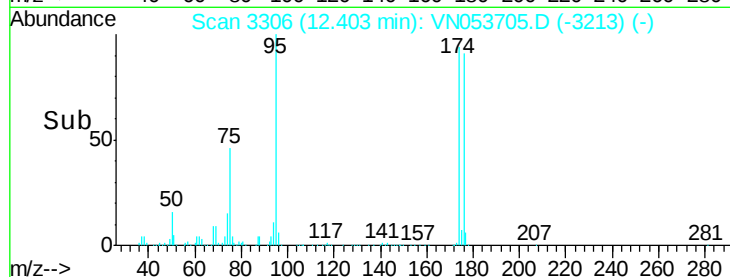
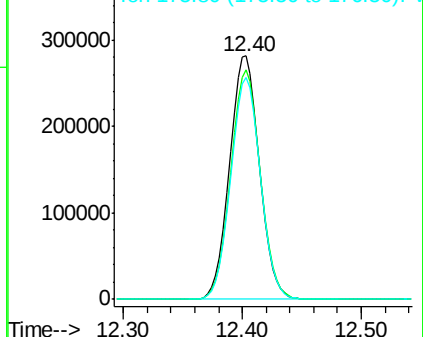
176 90.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053705.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053705.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053705.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053705.D

Acq: 11 Feb 2019 15:26

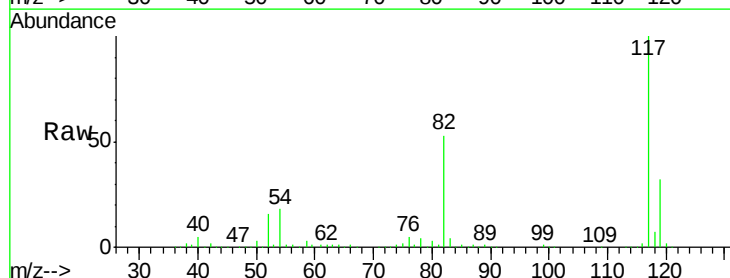
Tgt Ion: 117 Resp: 1138905

Ion Ratio Lower Upper

117 100

82 52.6 42.9 64.3

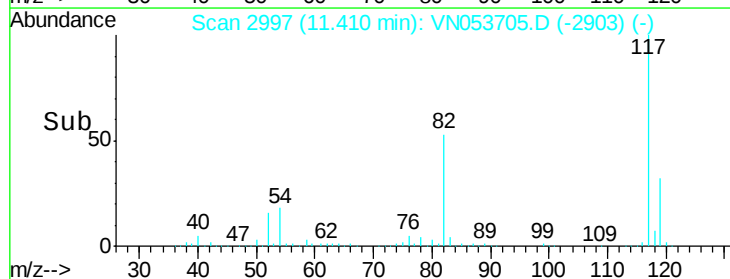
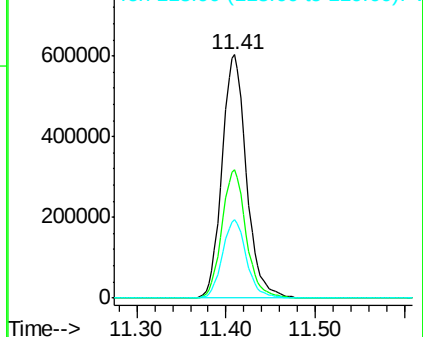
119 32.4 26.0 39.0

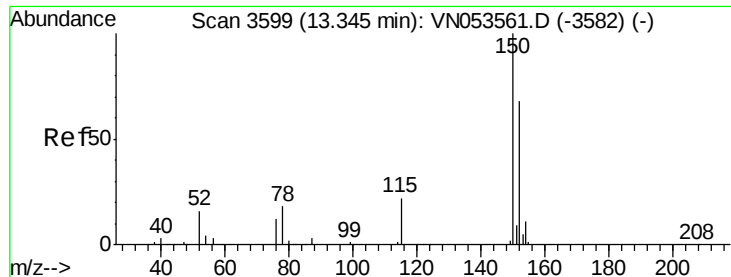


Abundance Ion 116.90 (116.60 to 117.60): VN053705.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053705.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053705.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: VN053705.D

Acq: 11 Feb 2019 15:26

Instrument :

MSVOA_N

ClientSampled :

COMP-11

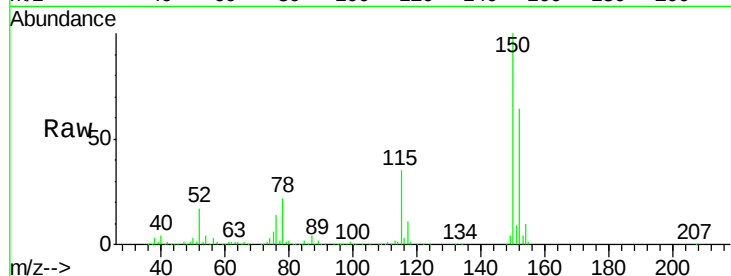
Tot Ion:152 Resp: 448891

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

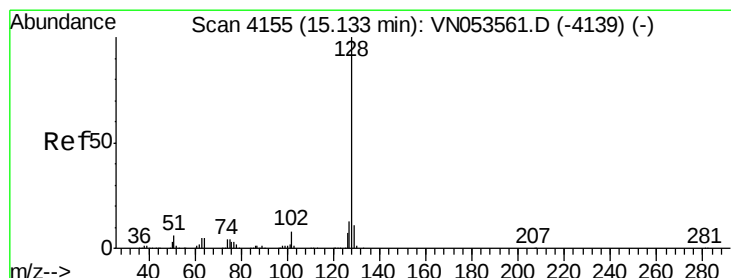
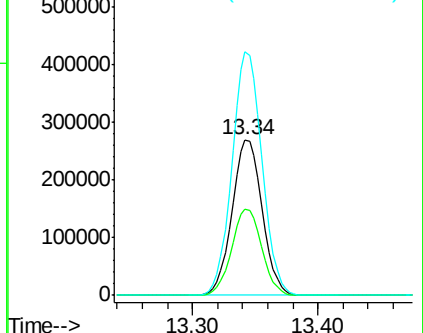
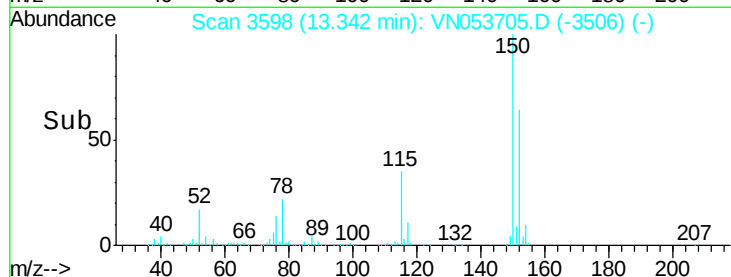
150 155.3 0.0 349.0



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



#95

Naphthalene

Concen: 2.340 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053705.D

Acq: 11 Feb 2019 15:26

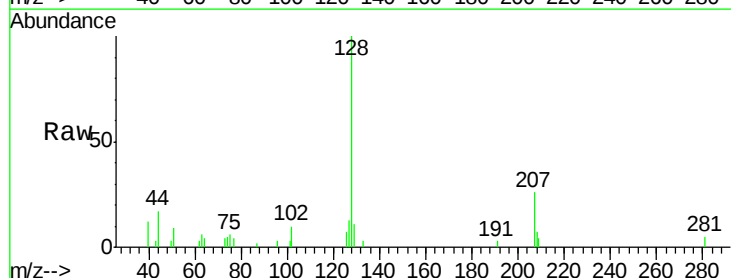
Tgt Ion:128 Resp: 12331

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 9.8 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

