

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050608.D
 Acq On : 14 Aug 2018 17:39
 Operator : MD\SY
 Sample : J4442-40
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-4

Quant Time: Aug 15 12:36:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1024996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	338328	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	428325	54.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.64%	
35) Dibromofluoromethane	7.59	113	400902	48.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.98%	
50) Toluene-d8	10.09	98	1411638	45.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.68%	
62) 4-Bromofluorobenzene	12.40	95	388938	38.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.46%	

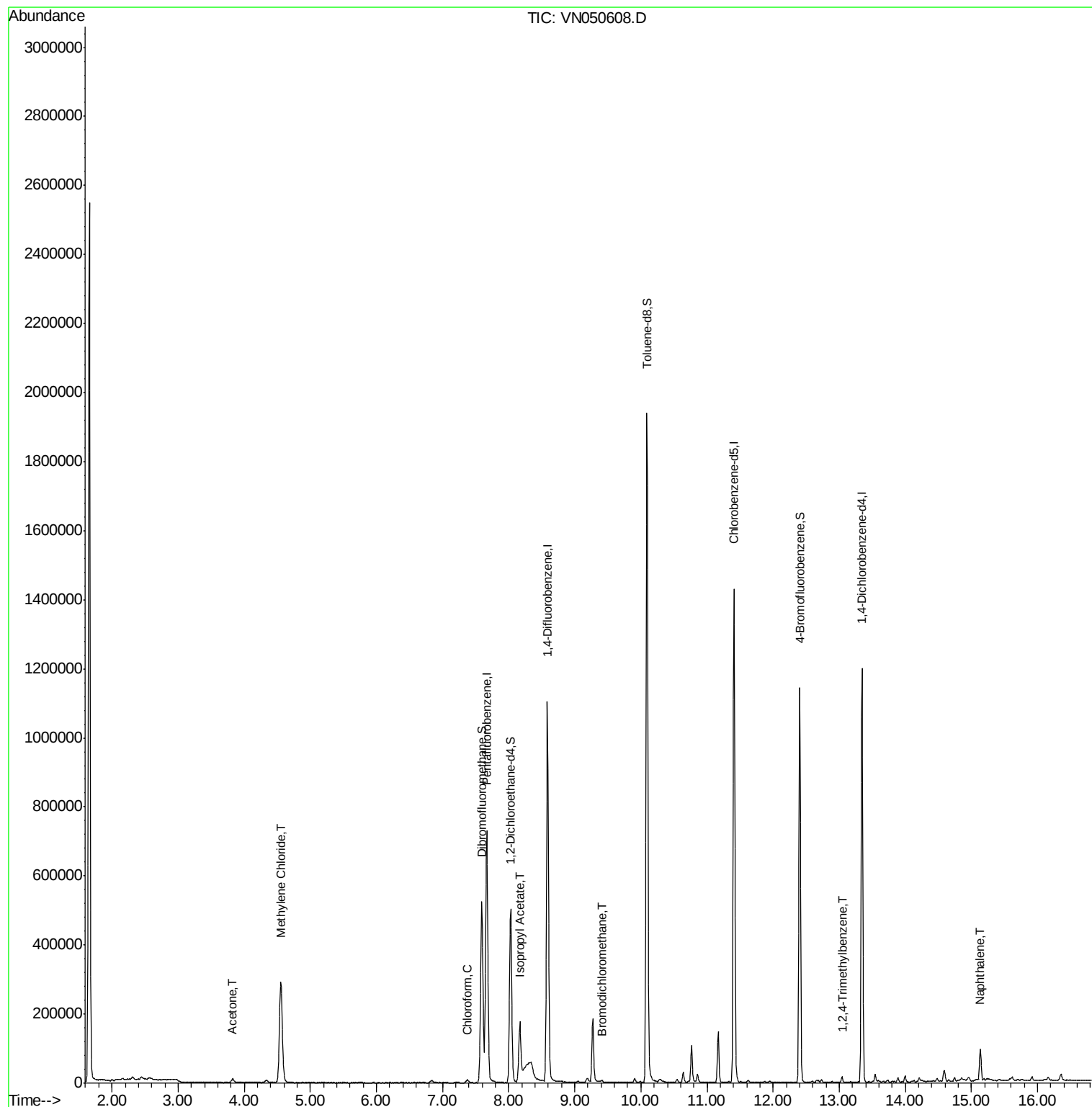
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	18378	7.93	ug/l	100
20) Methylene Chloride	4.55	84	230176	30.21	ug/l	97
30) Chloroform	7.38	83	9176	0.65	ug/l	97
43) Isopropyl Acetate	8.17	43	214223	18.23	ug/l	99
47) Bromodichloromethane	9.41	83	2847	0.24	ug/l #	84
84) 1,2,4-Trimethylbenzene	13.04	105	8942	0.42	ug/l	97
95) Naphthalene	15.13	128	83294	9.77	ug/l	99

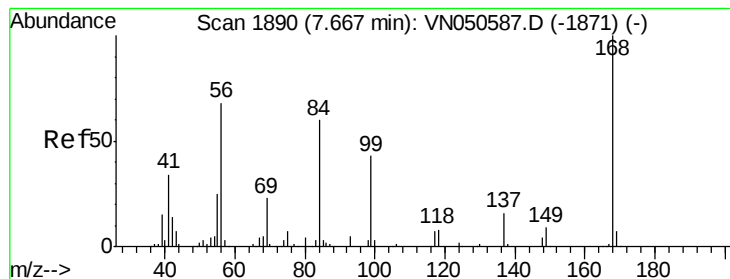
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081418\
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Quant Time: Aug 15 12:36:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampled :

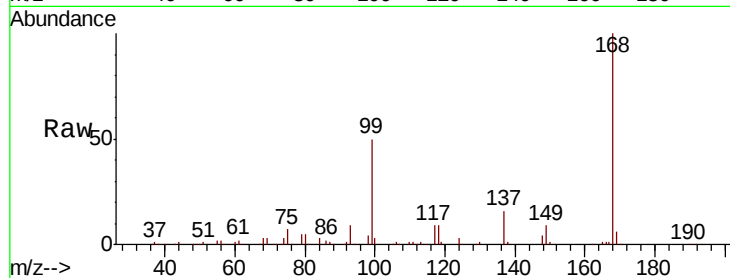
SP-1-4

Tot Ion:168 Resp: 625570

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050608.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050608.D (-1797) (-)

7.67

250000

200000

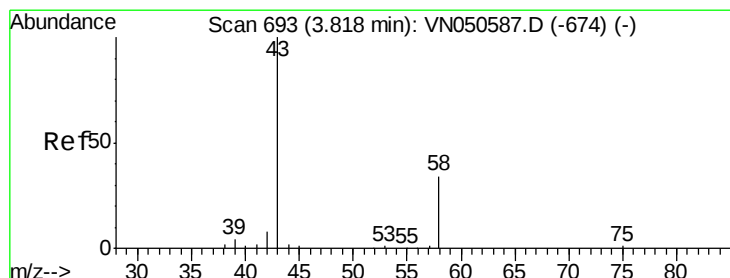
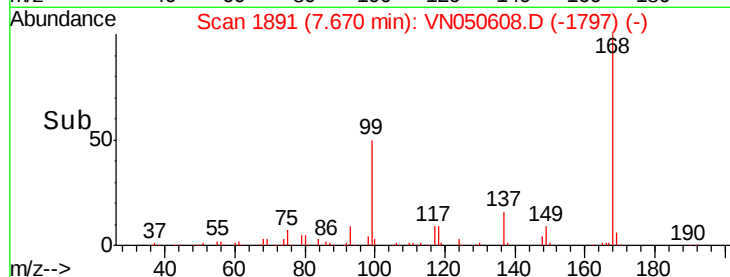
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.93 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050608.D

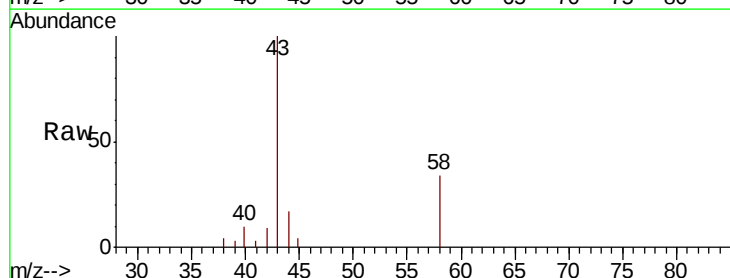
Acq: 14 Aug 2018 17:39

Tgt Ion: 43 Resp: 18378

Ion Ratio Lower Upper

43 100

58 33.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050608.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050608.D (-600) (-)

3.82

8000

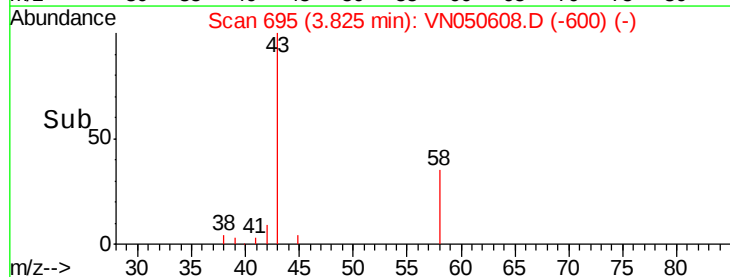
6000

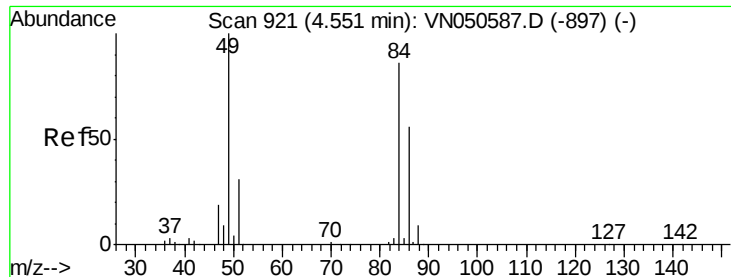
4000

2000

0

Time-->

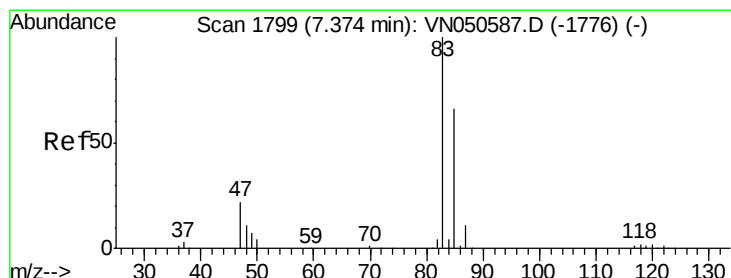
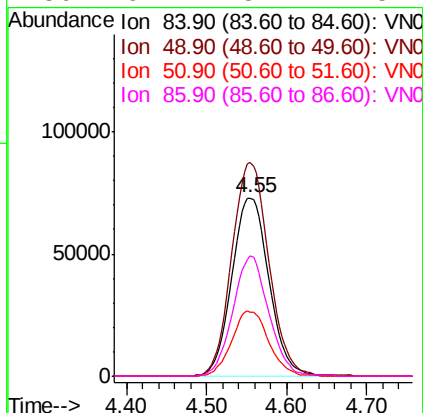
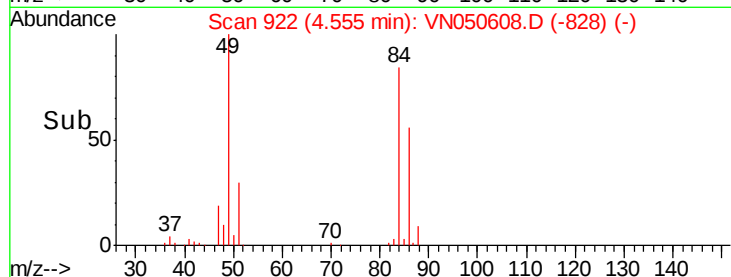
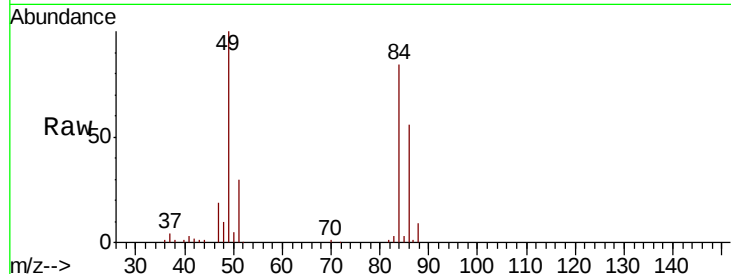




#20
Methylene Chloride
Concen: 30.21 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

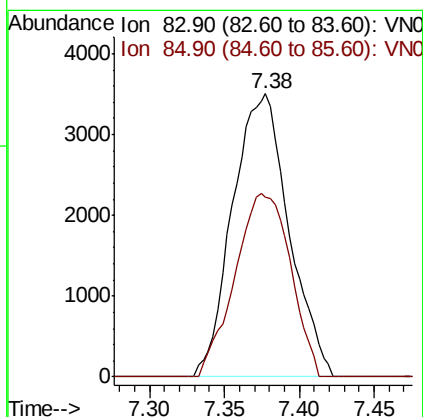
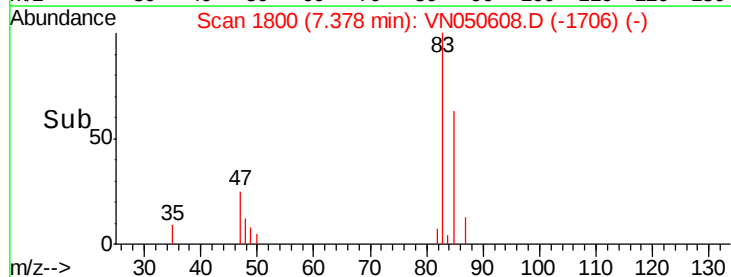
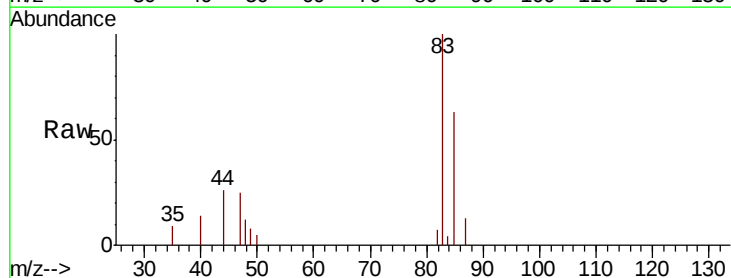
Instrument :
MSVOA_N
ClientSampled :
SP-1-4

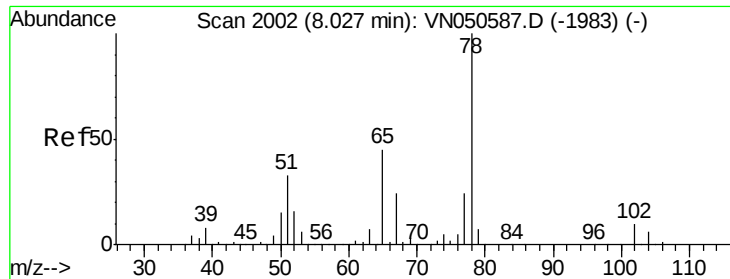
Tot Ion: 84 Resp: 230176
Ion Ratio Lower Upper
84 100
49 119.7 92.6 138.8
51 36.2 28.6 43.0
86 67.4 52.2 78.2



#30
Chloroform
Concen: 0.65 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Tgt Ion: 83 Resp: 9176
Ion Ratio Lower Upper
83 100
85 63.5 52.5 78.7

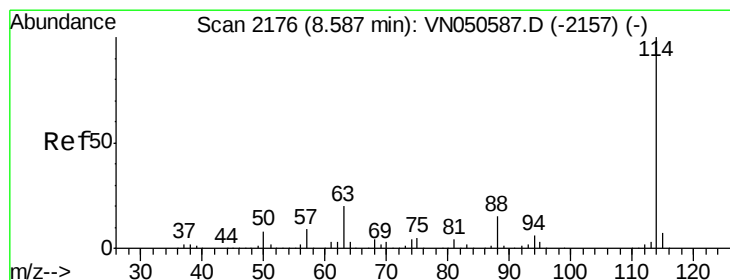
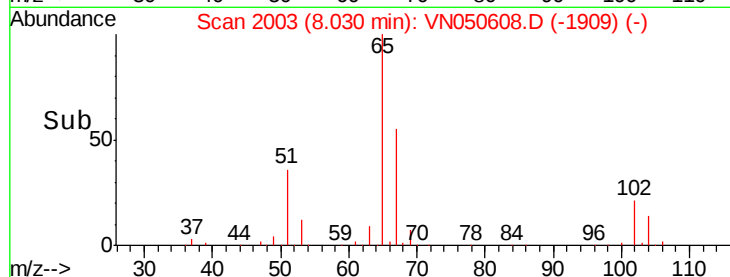
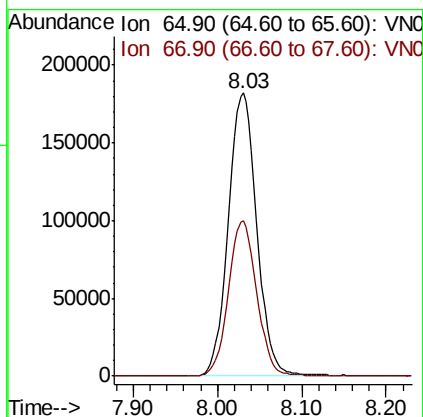
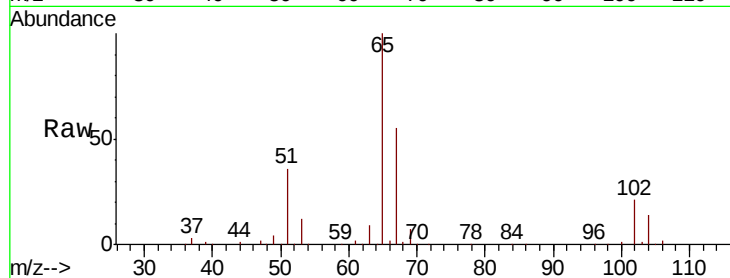




#33
 1,2-Dichloroethane-d4
 Concen: 54.32 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050608.D
 Acq: 14 Aug 2018 17:39

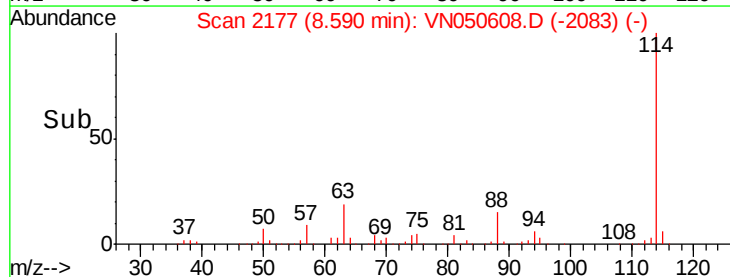
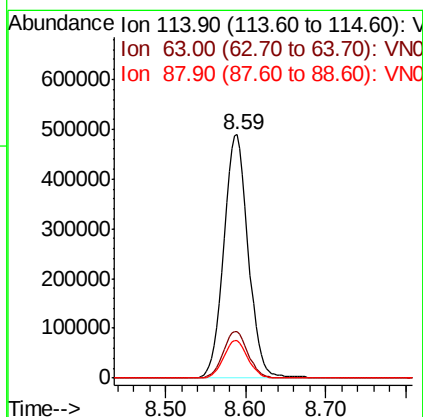
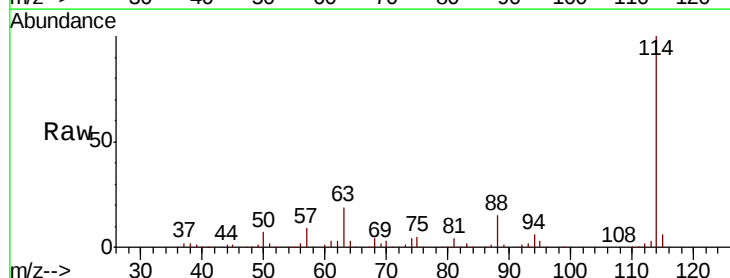
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-4

Tot Ion: 65 Resp: 428325
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050608.D
 Acq: 14 Aug 2018 17:39

Tgt Ion: 114 Resp: 1024996
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.99 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

SP-1-4

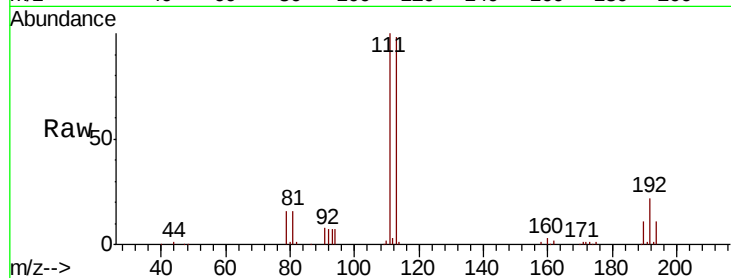
Tot Ion:113 Resp: 400902

Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.6

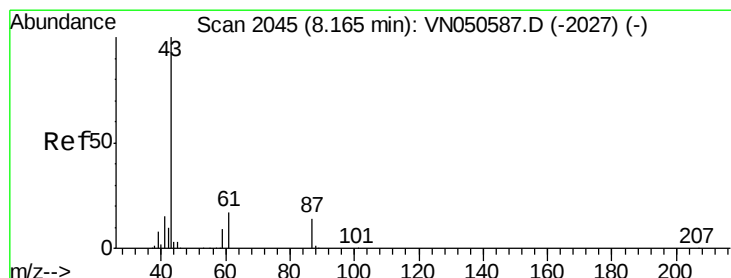
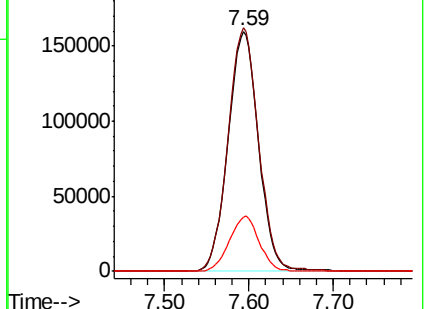
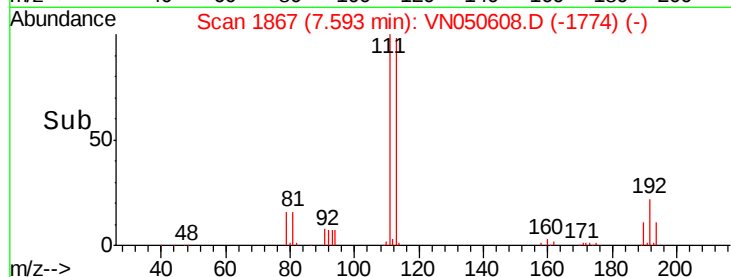
192 22.7 17.6 26.4



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: 18.23 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

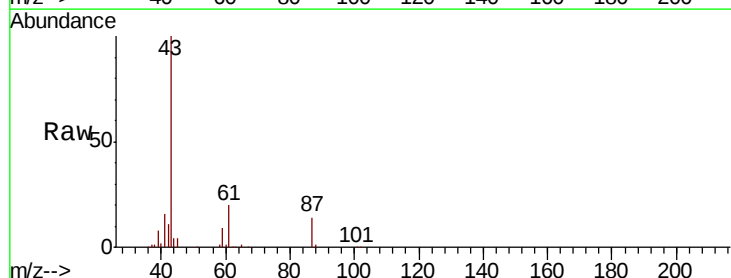
Tgt Ion: 43 Resp: 214223

Ion Ratio Lower Upper

43 100

61 19.4 16.2 24.2

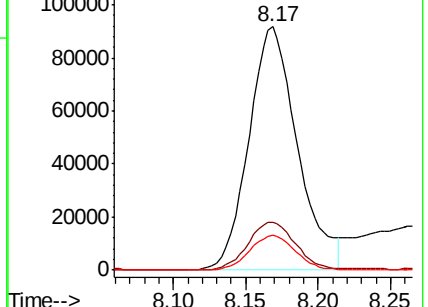
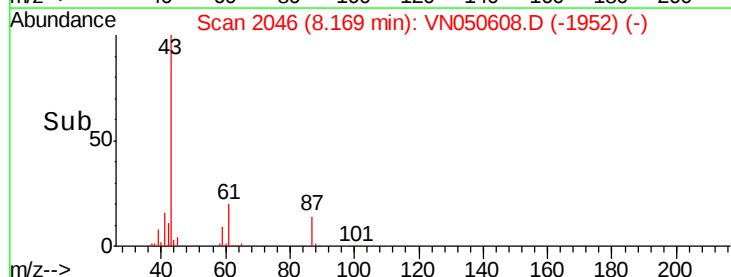
87 13.4 10.9 16.3

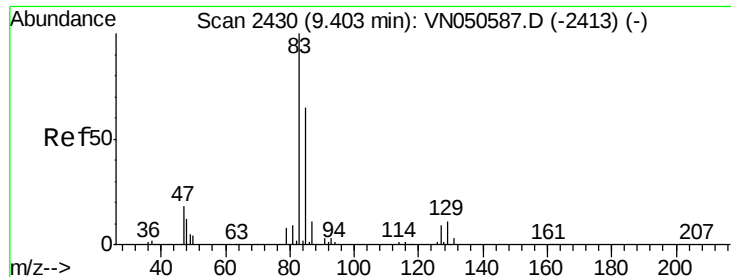


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#47

Bromodichloromethane

Concen: 0.24 ug/l

RT: 9.41 min Scan# 2432

Delta R.T. 0.01 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

SP-1-4

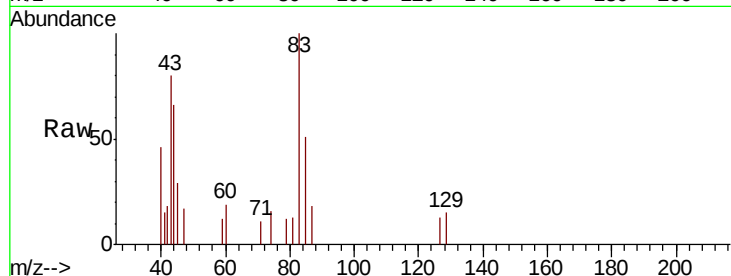
Tot Ion: 83 Resp: 2847

Ion Ratio Lower Upper

83 100

85 51.2 51.8 77.6#

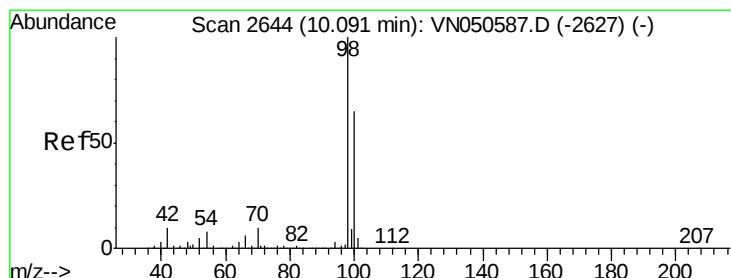
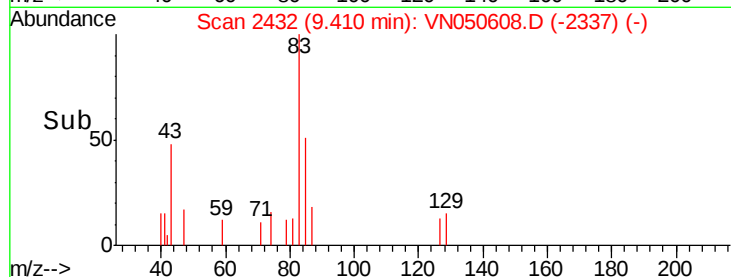
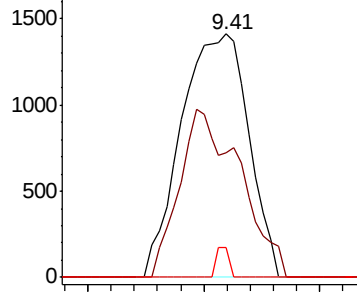
127 12.5 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN050587.D (-2413) (-)



#50

Toluene-d8

Concen: 45.84 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050608.D

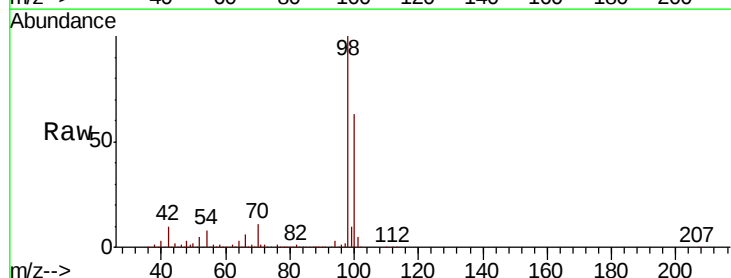
Acq: 14 Aug 2018 17:39

Tgt Ion: 98 Resp: 1411638

Ion Ratio Lower Upper

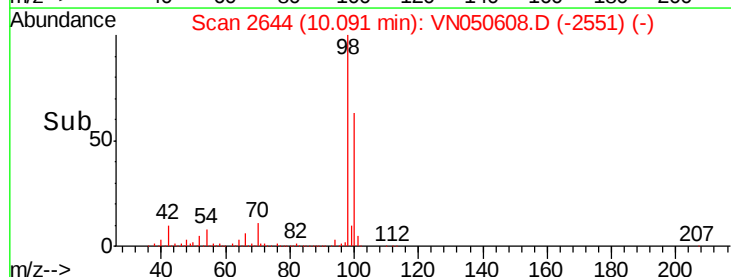
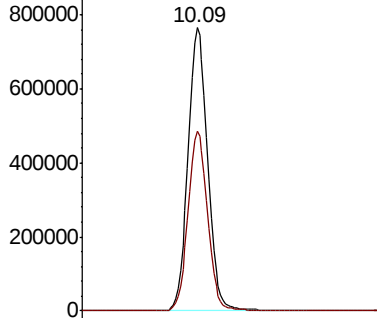
98 100

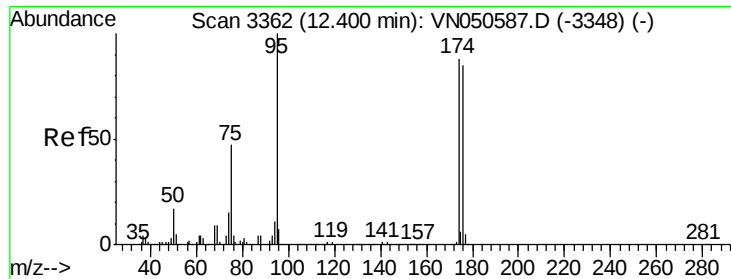
100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)





#62

4-Bromofluorobenzene

Concen: 38.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

SP-1-4

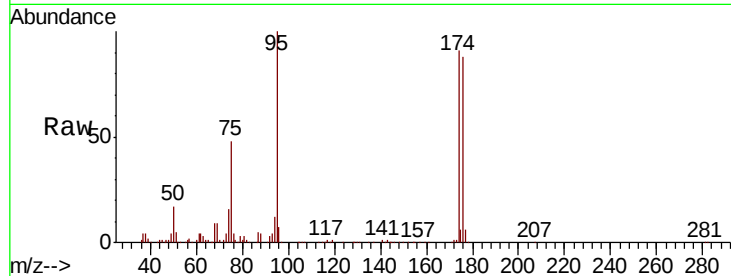
Tot Ion: 95 Resp: 388938

Ion Ratio Lower Upper

95 100

174 91.9 0.0 177.8

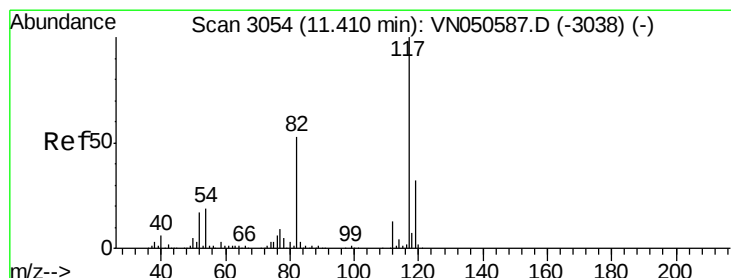
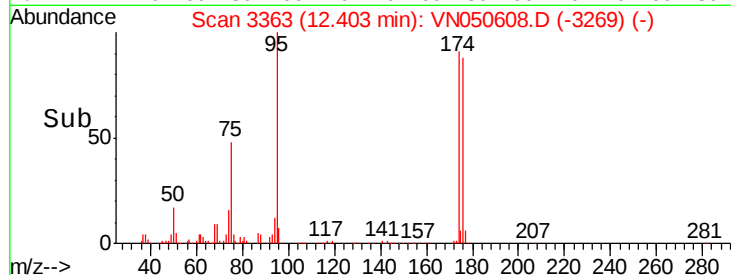
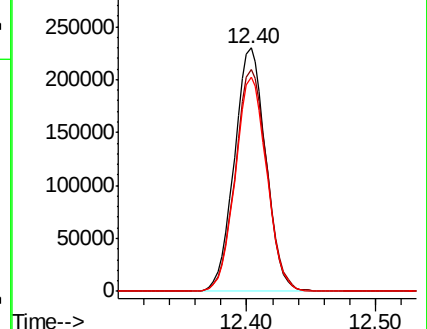
176 88.1 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

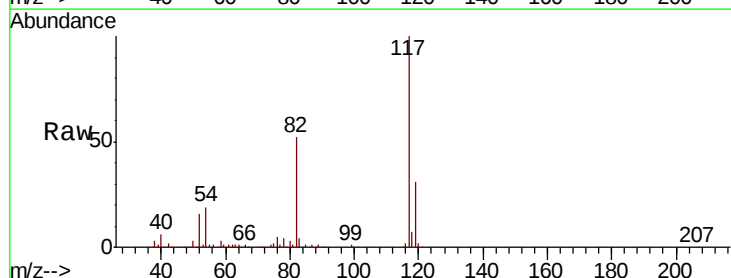
Tgt Ion: 117 Resp: 883592

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

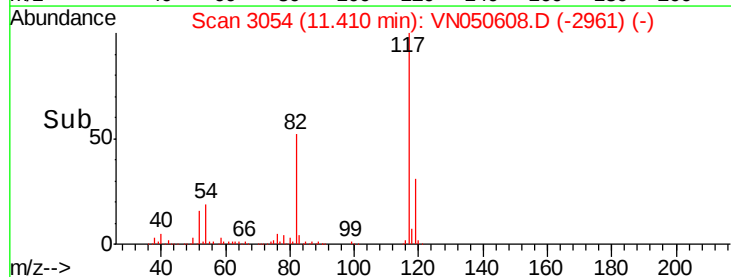
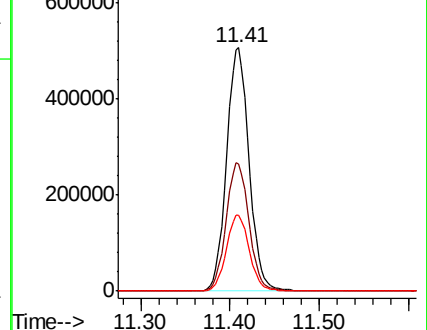
119 31.4 25.8 38.8

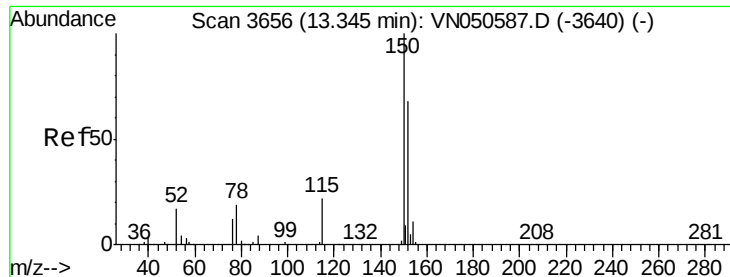


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

SP-1-4

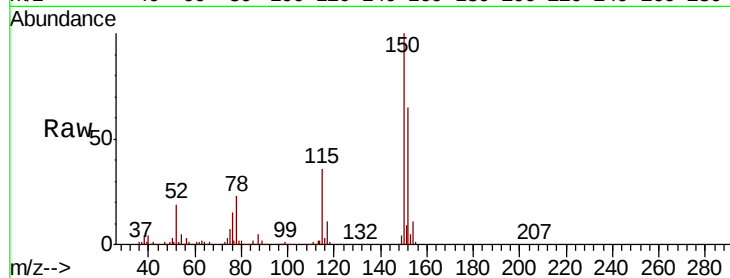
Tot Ion:152 Resp: 338328

Ion Ratio Lower Upper

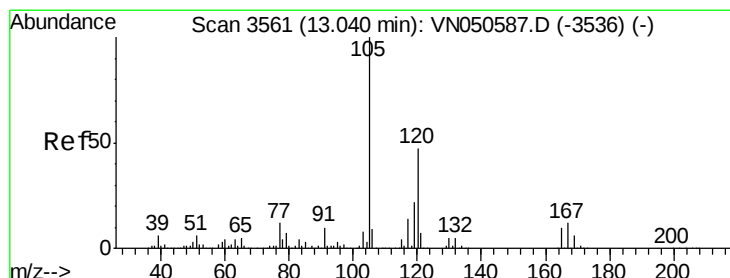
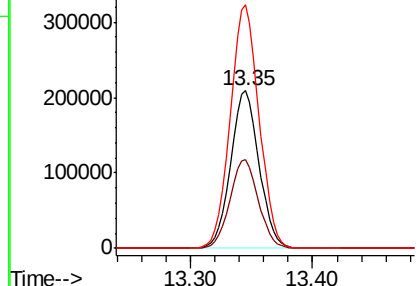
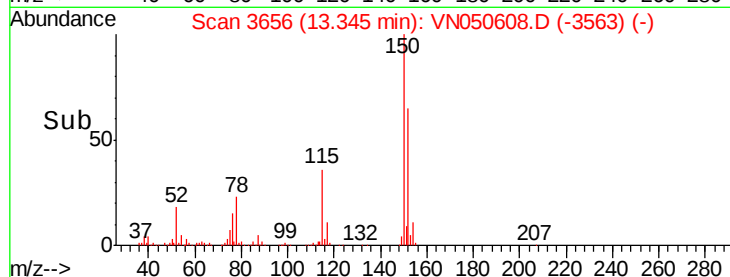
152 100

115 56.8 28.1 84.2

150 156.9 0.0 347.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.42 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050608.D

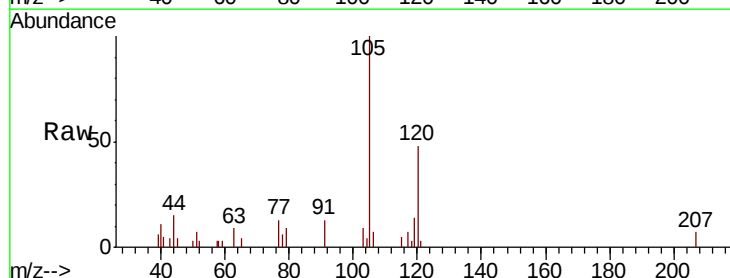
Acq: 14 Aug 2018 17:39

Tgt Ion:105 Resp: 8942

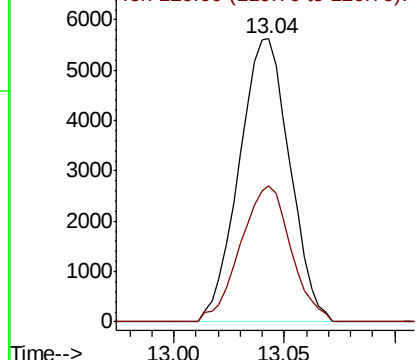
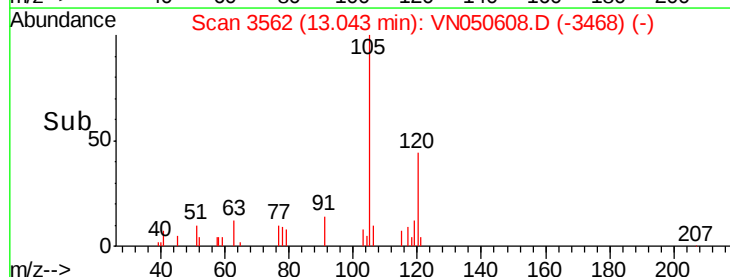
Ion Ratio Lower Upper

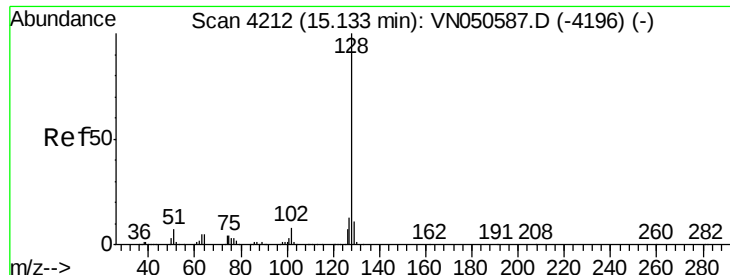
105 100

120 48.1 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

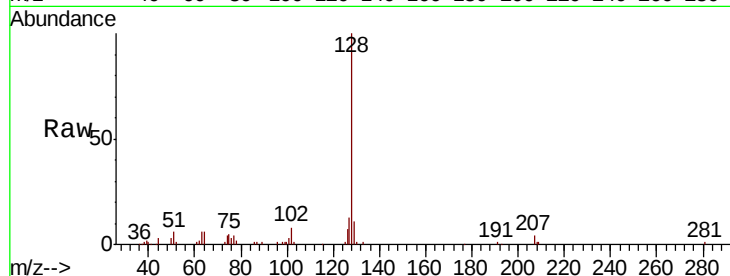




#95
Naphthalene
Concen: 9.77 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Instrument :
MSVOA_N
ClientSampleId :
SP-1-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.3	8.5	12.7



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

