

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051252.D
 Acq On : 16 Sep 2018 4:11
 Operator : MD\SY
 Sample : J4775-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-091418-A

Quant Time: Sep 17 05:38:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	422788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	665053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	536053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168051	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	232527	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
35) Dibromofluoromethane	7.59	113	249836	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
50) Toluene-d8	10.09	98	848661	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	
62) 4-Bromofluorobenzene	12.40	95	218575	34.84	ug/l	0.00
Spiked Amount			Recovery	=	69.68%	

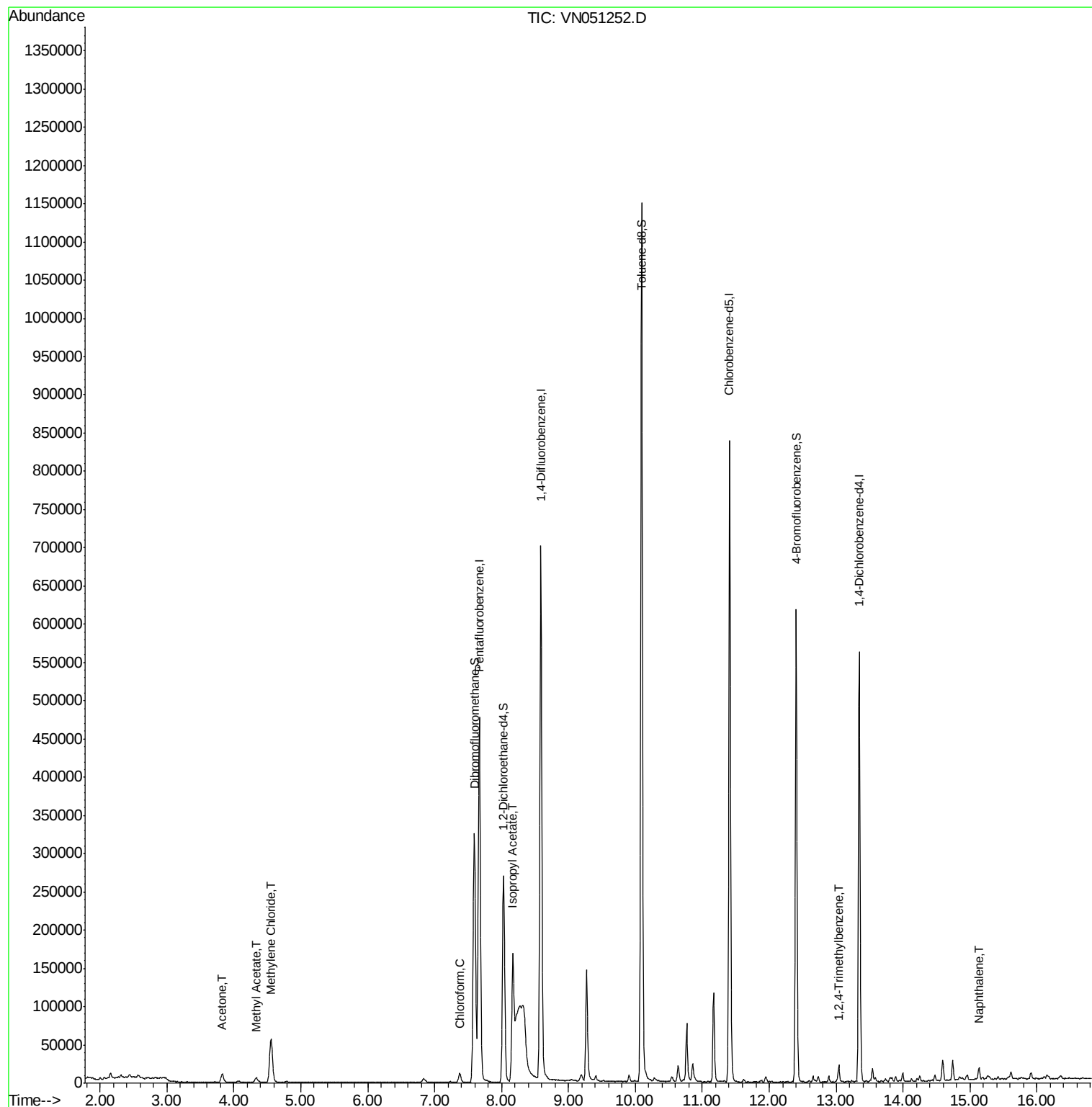
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19798	11.45	ug/l	97
18) Methyl Acetate	4.33	43	12757	3.39	ug/l	95
20) Methylene Chloride	4.56	84	45516	8.76	ug/l	97
30) Chloroform	7.38	83	13184	1.53	ug/l	97
43) Isopropyl Acetate	8.17	43	212613	28.49	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.04	105	13102	1.17	ug/l	98
95) Naphthalene	15.13	128	13947	7.31	ug/l	98

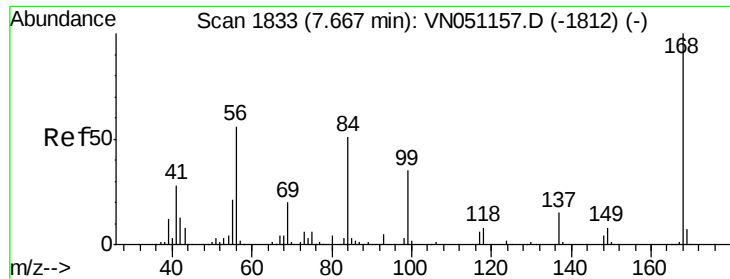
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051252.D

Acq: 16 Sep 2018 4:11

Instrument :

MSVOA_N

ClientSampleId :

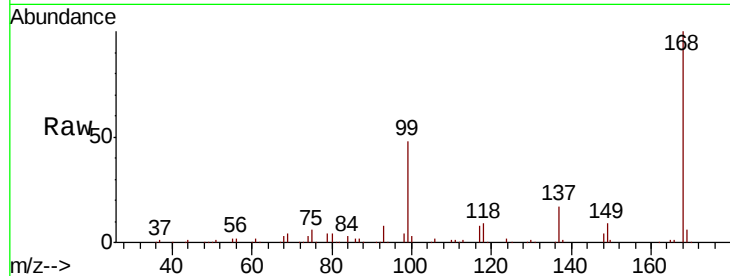
OR-03-091418-A

Tot Ion:168 Resp: 422788

Ion Ratio Lower Upper

168 100

99 48.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

200000

150000

100000

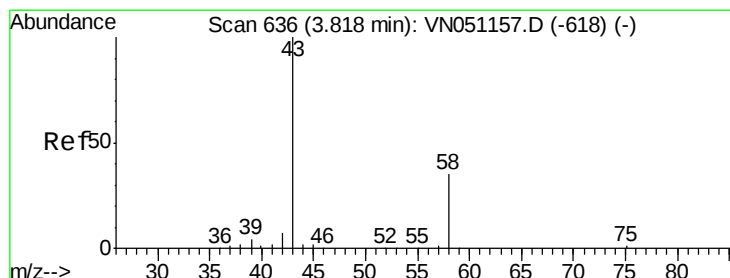
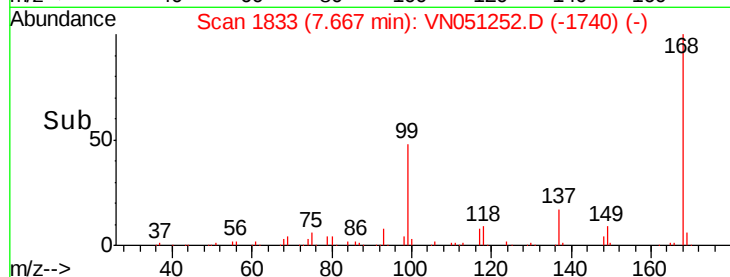
50000

0

7.60

7.70

Time-->



#16

Acetone

Concen: 11.45 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051252.D

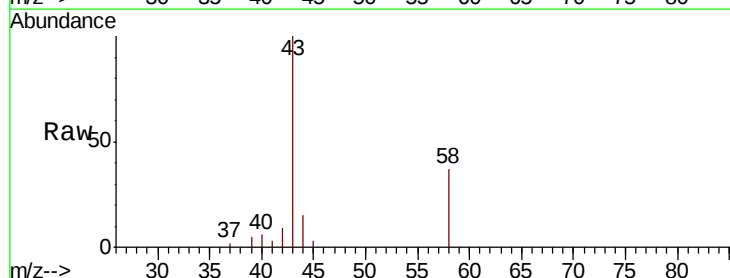
Acq: 16 Sep 2018 4:11

Tgt Ion: 43 Resp: 19798

Ion Ratio Lower Upper

43 100

58 36.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

3.83

8000

6000

4000

2000

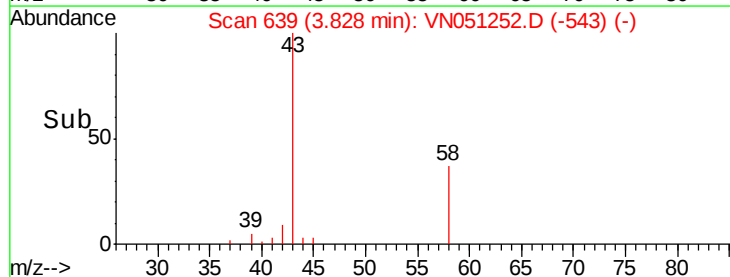
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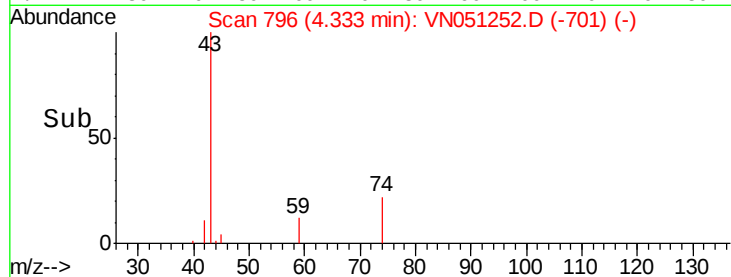
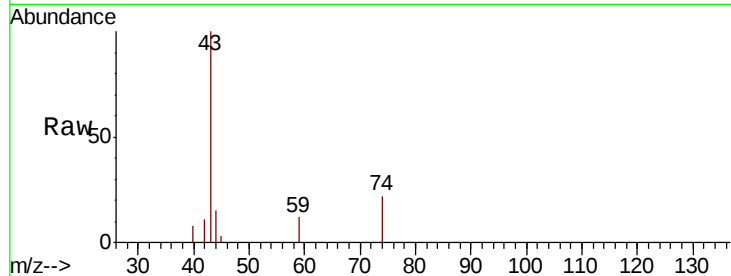
3.70

3.80

3.90

Time-->

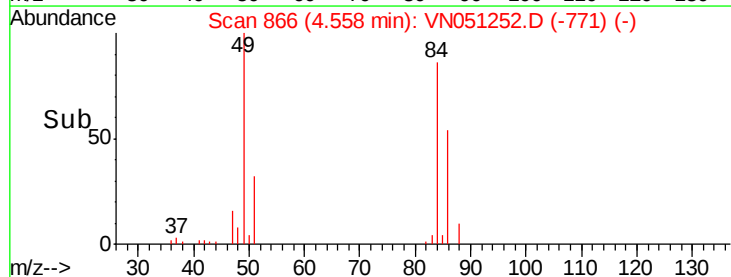
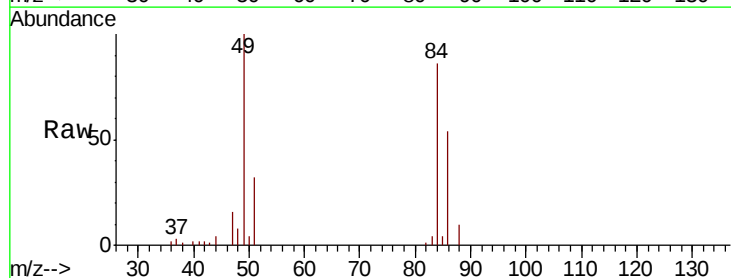
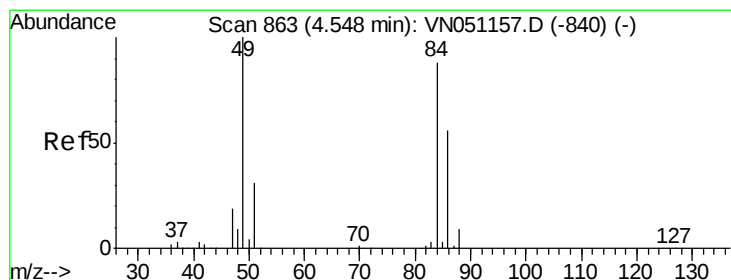
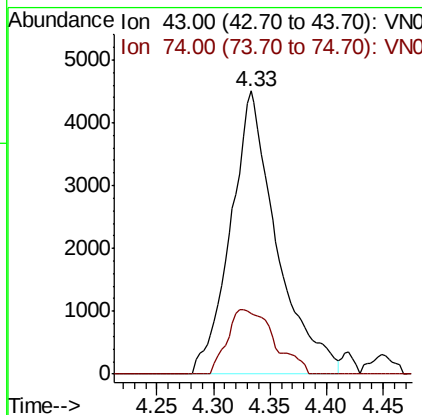




#18
Methyl Acetate
Concen: 3.39 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051252.D
Acq: 16 Sep 2018 4:11

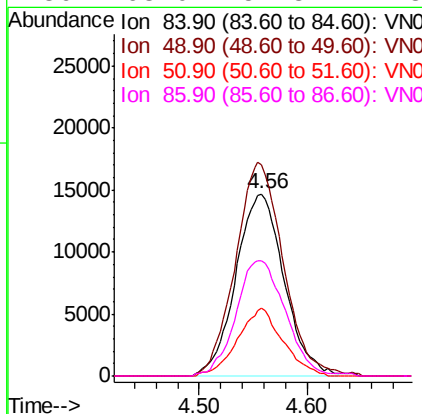
Instrument :
MSVOA_N
ClientSampleId :
OR-03-091418-A

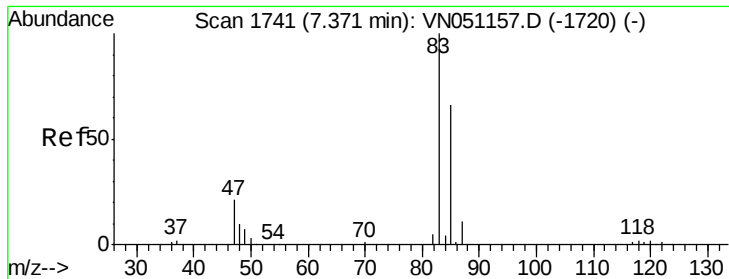
Tot Ion: 43 Resp: 12757
Ion Ratio Lower Upper
43 100
74 23.2 20.7 31.1



#20
Methylene Chloride
Concen: 8.76 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051252.D
Acq: 16 Sep 2018 4:11

Tgt Ion: 84 Resp: 45516
Ion Ratio Lower Upper
84 100
49 115.9 90.2 135.2
51 37.5 28.4 42.6
86 63.0 51.8 77.8

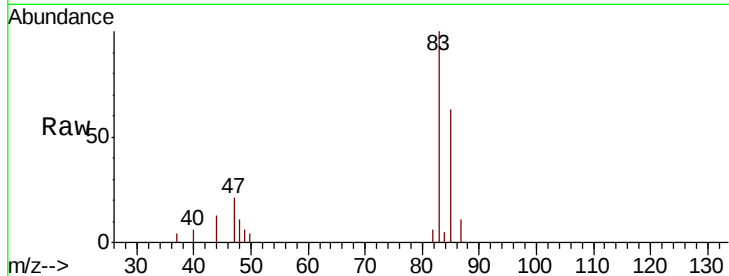




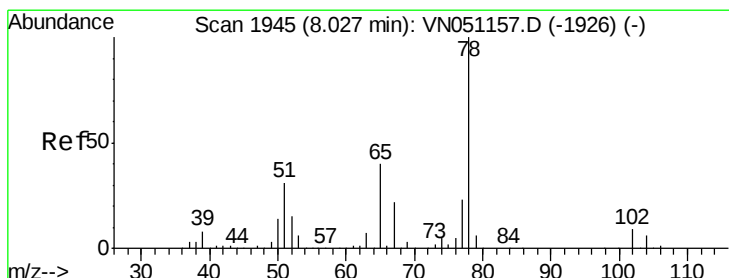
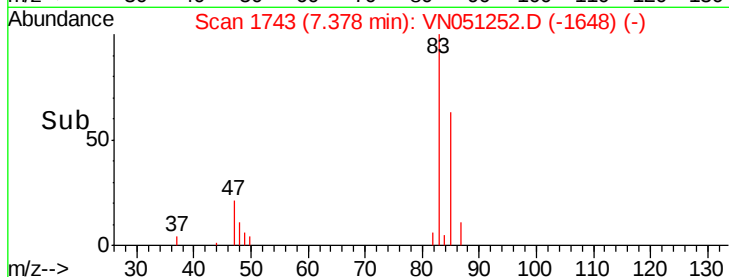
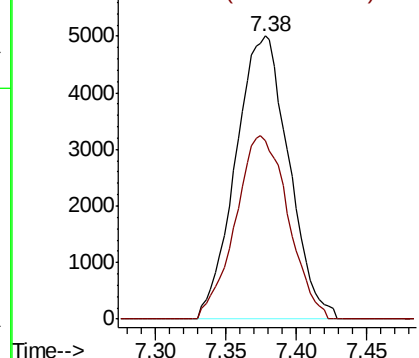
#30
Chloroform
Concen: 1.53 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN051252.D
Acq: 16 Sep 2018 4:11

Instrument :
MSVOA_N
ClientSampleId :
OR-03-091418-A

Tot Ion: 83 Resp: 13184
Ion Ratio Lower Upper
83 100
85 63.2 52.6 79.0

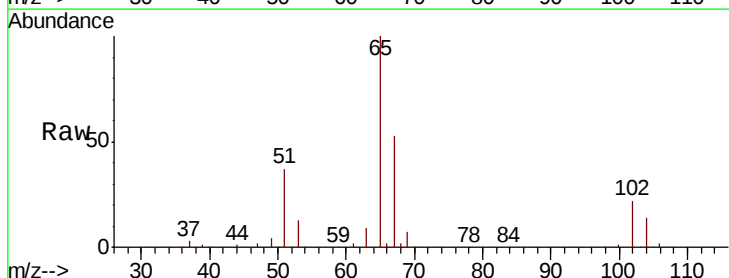


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

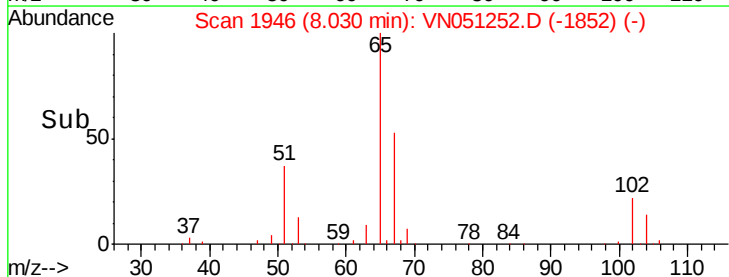
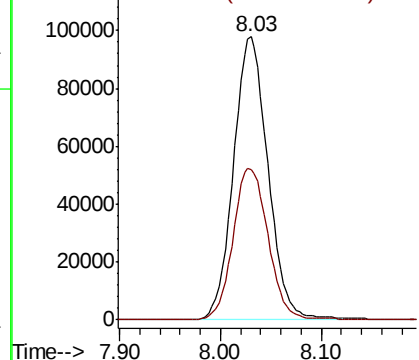


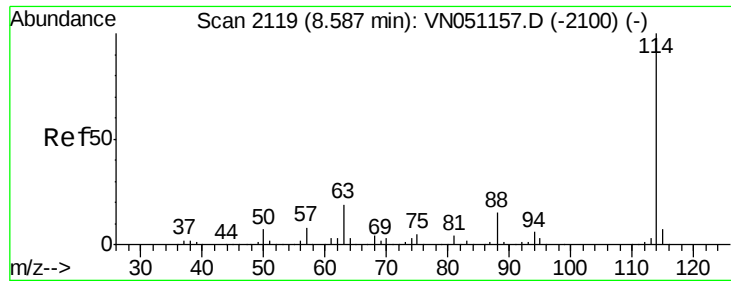
#33
1,2-Dichloroethane-d4
Concen: 49.42 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051252.D
Acq: 16 Sep 2018 4:11

Tgt Ion: 65 Resp: 232527
Ion Ratio Lower Upper
65 100
67 54.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

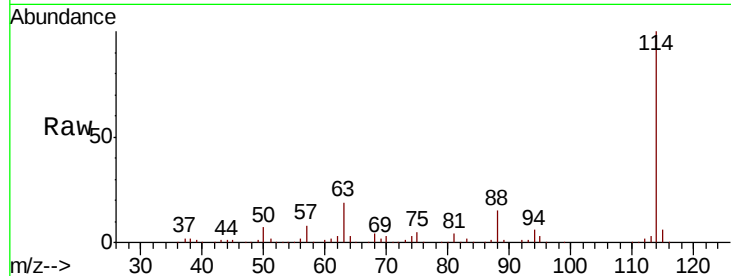




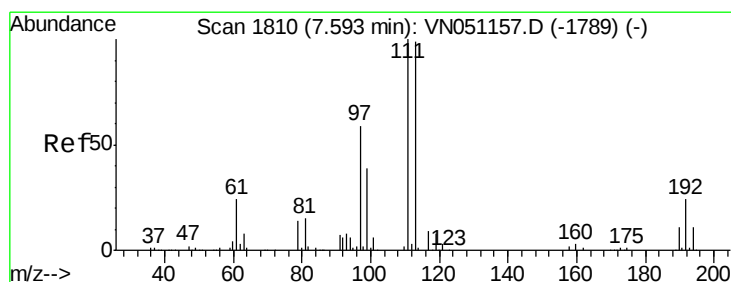
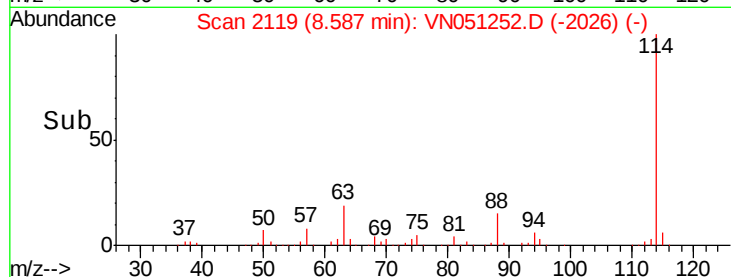
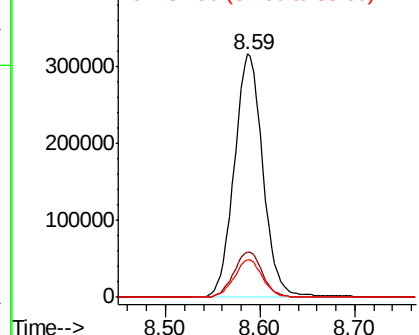
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051252.D
 Acq: 16 Sep 2018 4:11

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-091418-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.8
88	15.3	0.0	30.8

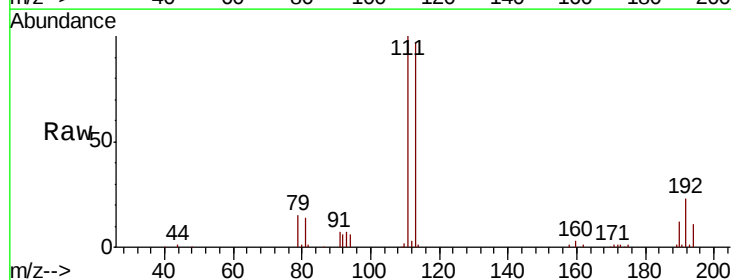


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

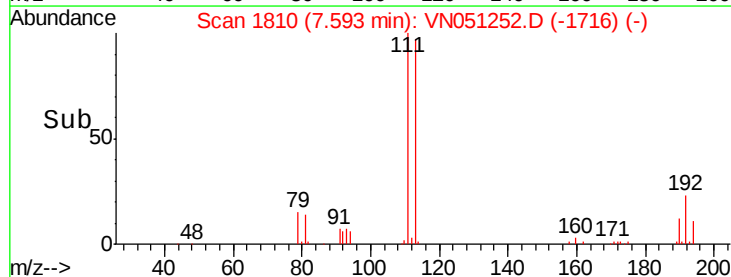
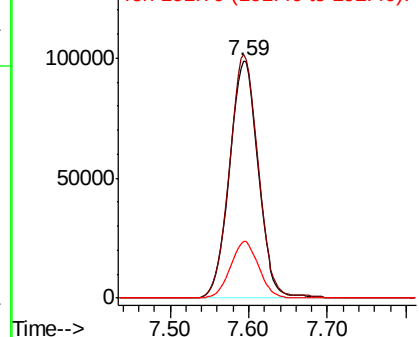


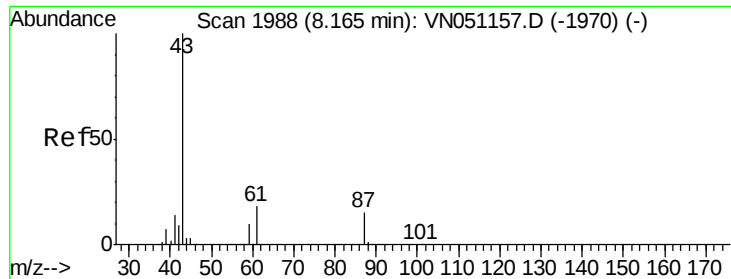
#35
 Dibromofluoromethane
 Concen: 49.99 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051252.D
 Acq: 16 Sep 2018 4:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.6
192	23.4	18.7	28.1



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: 28.49 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051252.D

Acq: 16 Sep 2018 4:11

Instrument :

MSVOA_N

ClientSampleId :

OR-03-091418-A

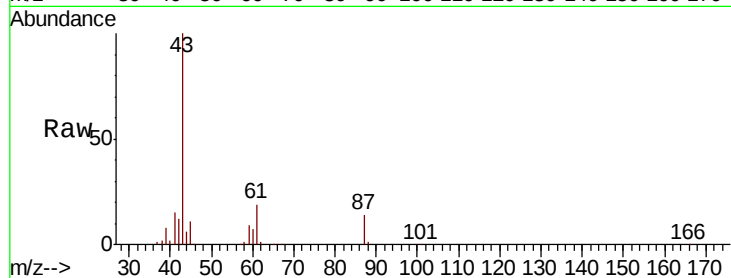
Tot Ion: 43 Resp: 212613

Ion Ratio Lower Upper

43 100

61 17.5 25.0 37.6#

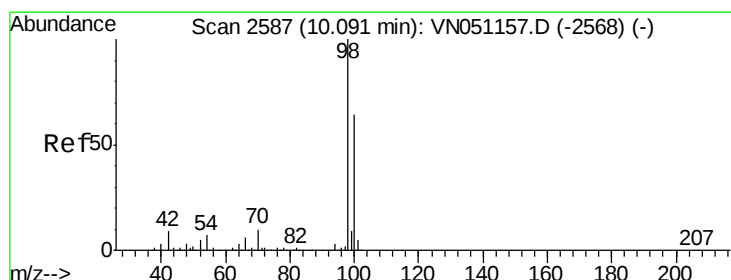
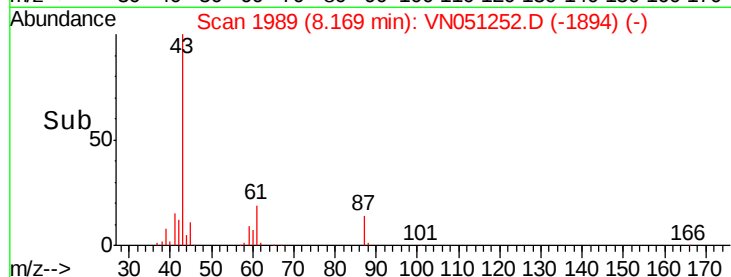
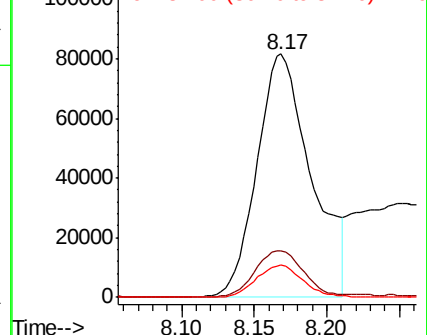
87 11.5 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051157.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051157.D (-1970) (-)



#50

Toluene-d8

Concen: 44.75 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051252.D

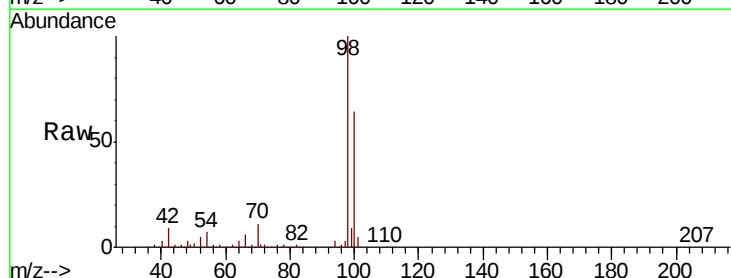
Acq: 16 Sep 2018 4:11

Tgt Ion: 98 Resp: 848661

Ion Ratio Lower Upper

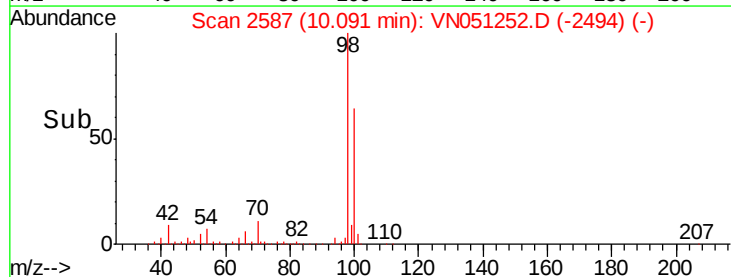
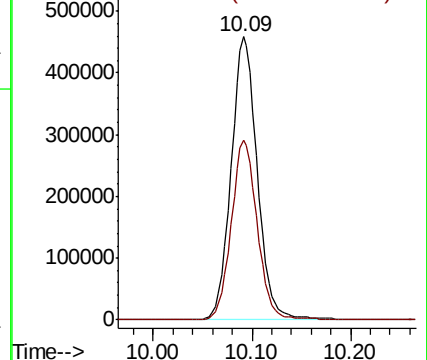
98 100

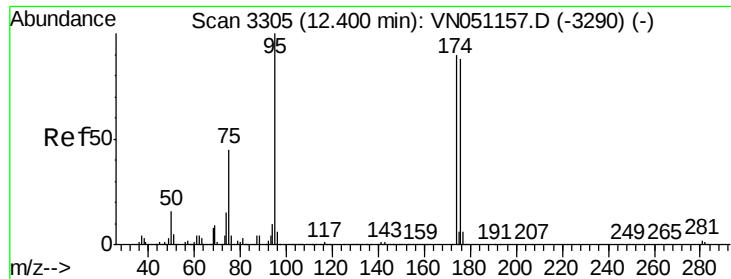
100 63.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051157.D (-2568) (-)

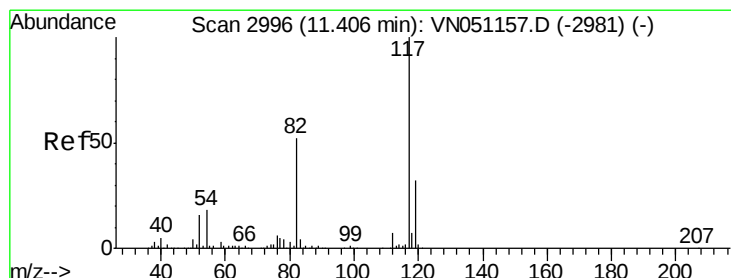
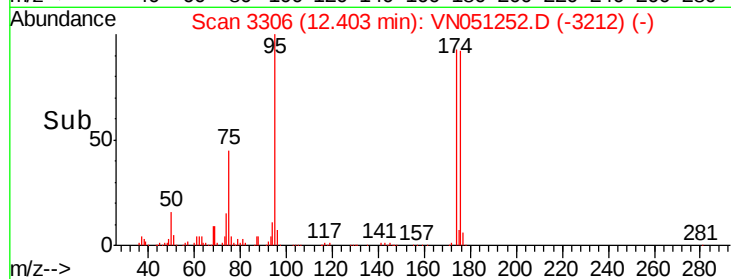
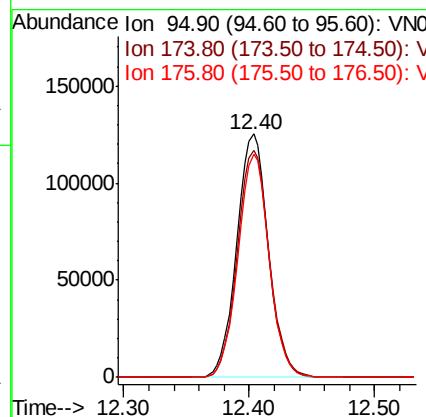
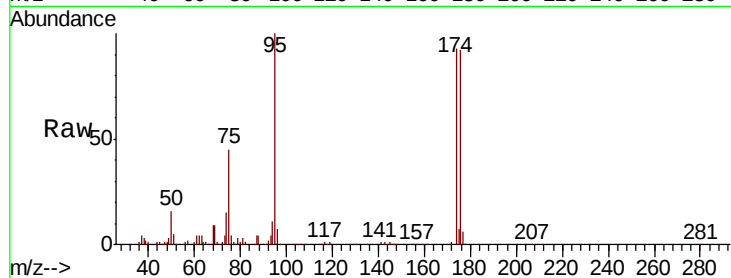




#62
4-Bromofluorobenzene
Concen: 34.84 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051252.D
Acq: 16 Sep 2018 4:11

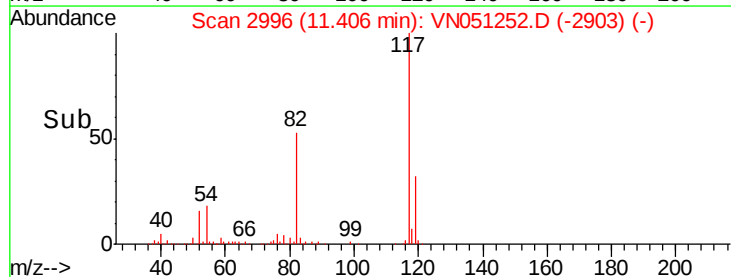
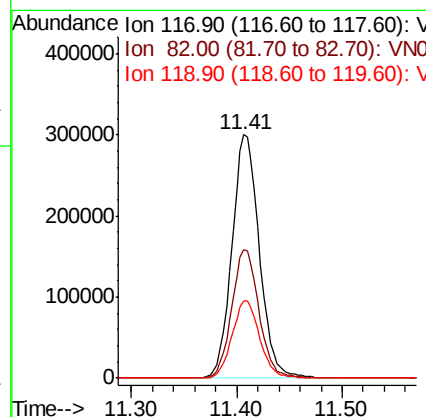
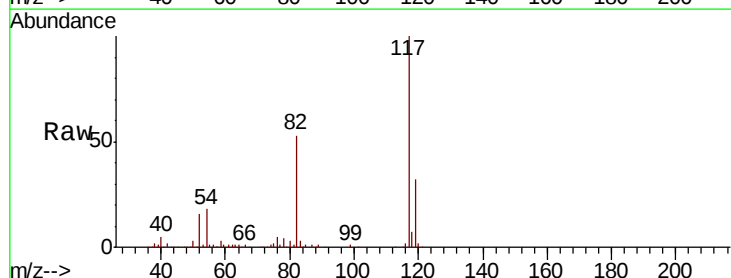
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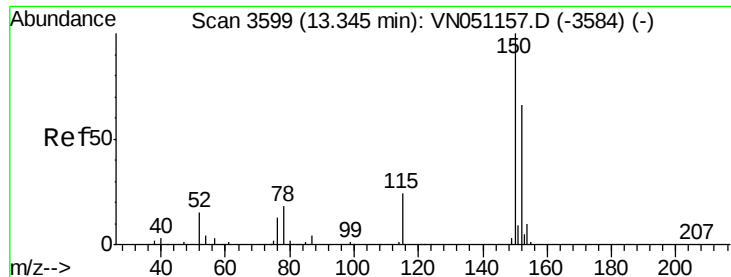
Tot Ion: 95 Resp: 218575
Ion Ratio Lower Upper
95 100
174 94.4 0.0 184.8
176 90.5 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051252.D
Acq: 16 Sep 2018 4:11

Tgt Ion: 117 Resp: 536053
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 31.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051252.D

Acq: 16 Sep 2018 4:11

Instrument :

MSVOA_N

ClientSampleId :

OR-03-091418-A

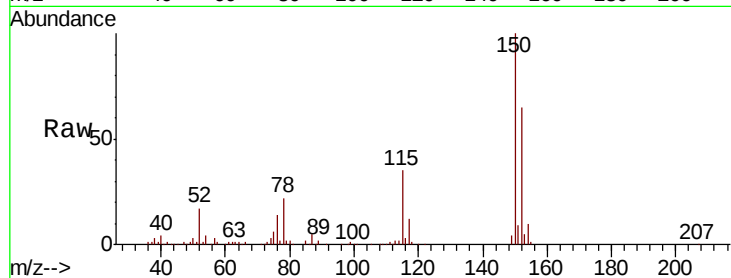
Tot Ion:152 Resp: 168051

Ion Ratio Lower Upper

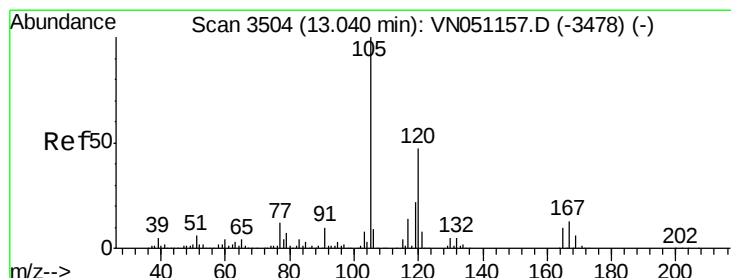
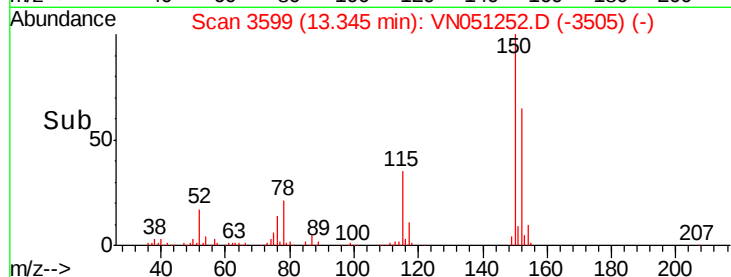
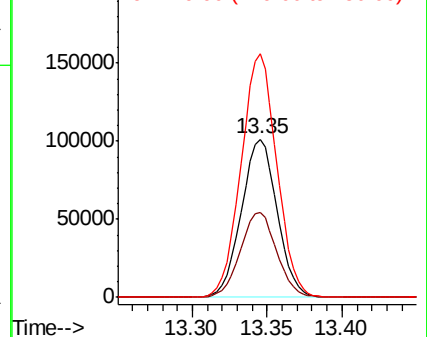
152 100

115 54.6 28.2 84.7

150 154.1 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



#84

1,2,4-Trimethylbenzene

Concen: 1.17 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN051252.D

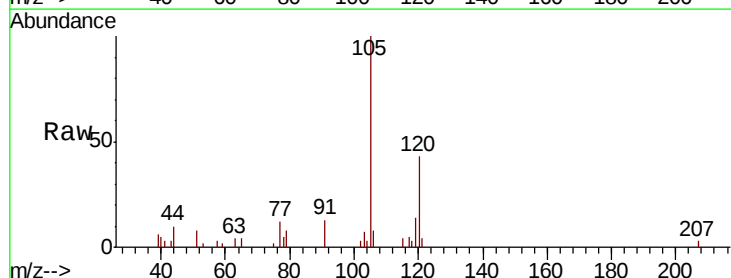
Acq: 16 Sep 2018 4:11

Tgt Ion:105 Resp: 13102

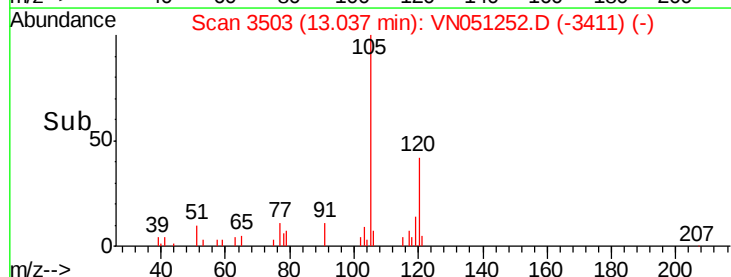
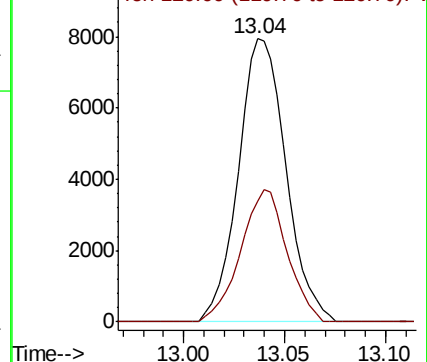
Ion Ratio Lower Upper

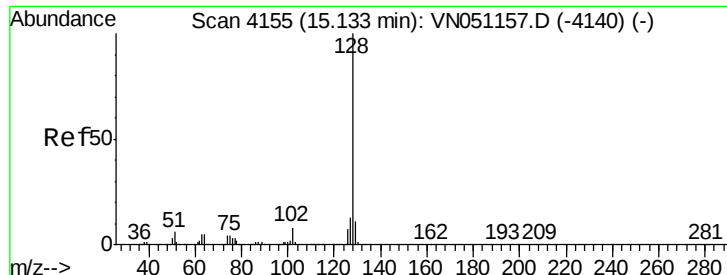
105 100

120 45.4 23.3 69.8



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





#95

Naphthalene

Concen: 7.31 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051252.D

Acq: 16 Sep 2018 4:11

Instrument :

MSVOA_N

ClientSampleId :

OR-03-091418-A

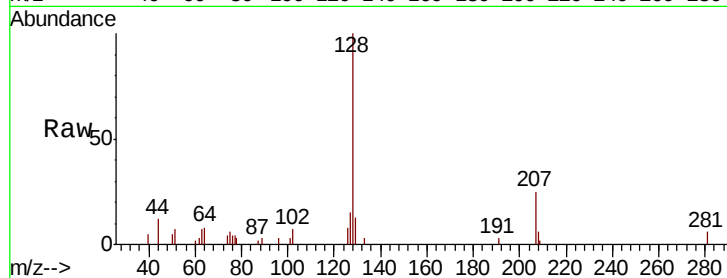
Tot Ion:128 Resp: 13947

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 12.0 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

