

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051303.D
 Acq On : 18 Sep 2018 17:28
 Operator : MD\SY
 Sample : J4942-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB32727RT

Quant Time: Sep 19 01:53:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

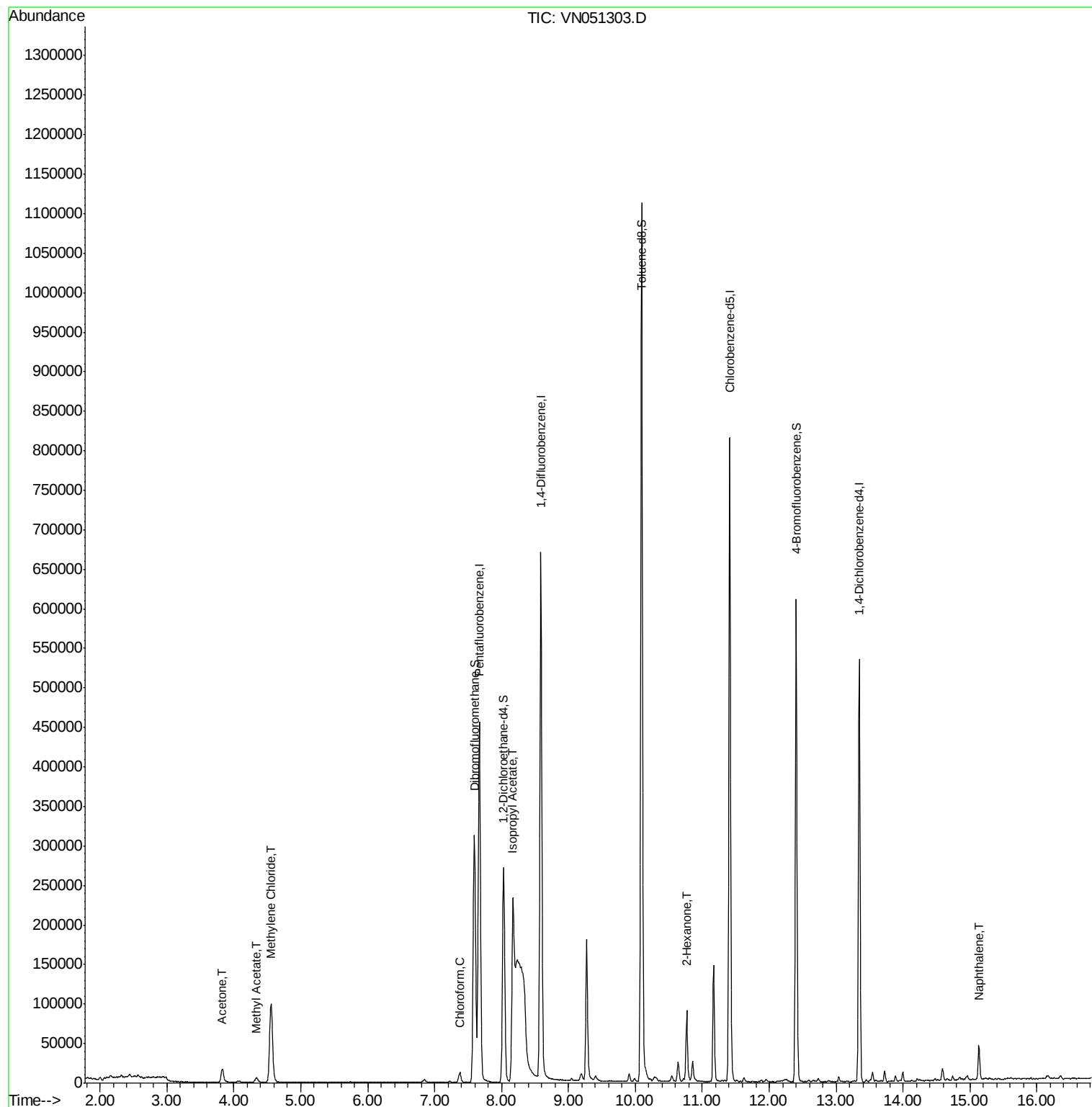
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	406565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	160711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	233368	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
35) Dibromofluoromethane	7.59	113	245900	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	10.09	98	830073	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
62) 4-Bromofluorobenzene	12.40	95	216089	36.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.60%	
Target Compounds						
16) Acetone	3.82	43	30463	22.288	ug/l	95
18) Methyl Acetate	4.34	43	12000	3.300	ug/l	93
20) Methylene Chloride	4.56	84	82127	16.982	ug/l	97
30) Chloroform	7.38	83	13655	1.699	ug/l	97
43) Isopropyl Acetate	8.17	43	301186	48.669	ug/l #	88
59) 2-Hexanone	10.77	43	11784	5.605	ug/l #	61
95) Naphthalene	15.13	128	37652	12.524	ug/l	98

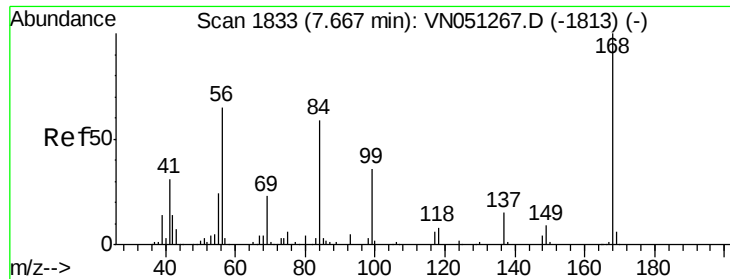
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

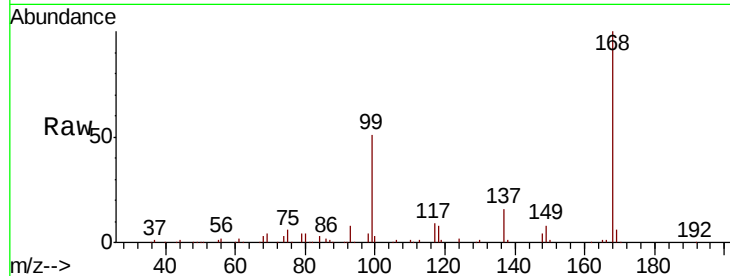
RB32727RT

Tgt Ion:168 Resp: 406565

Ion Ratio Lower Upper

168 100

99 50.8 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051267.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051267.D (-1813) (-)

7.67

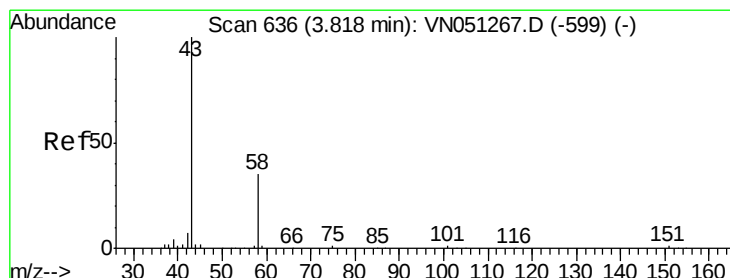
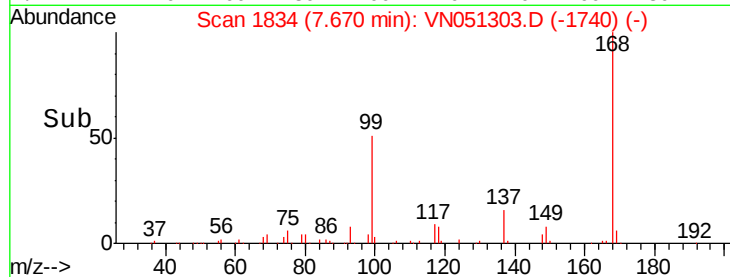
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.288 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051303.D

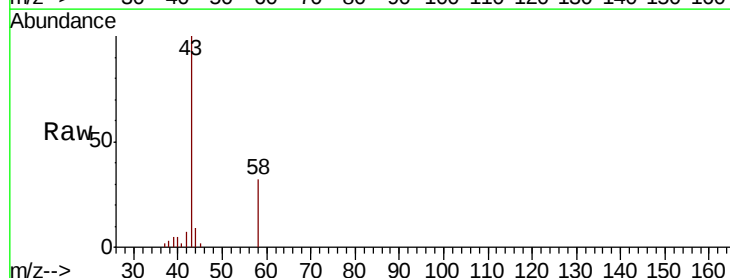
Acq: 18 Sep 2018 17:28

Tgt Ion: 43 Resp: 30463

Ion Ratio Lower Upper

43 100

58 32.2 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-599) (-)

3.82

12000

10000

8000

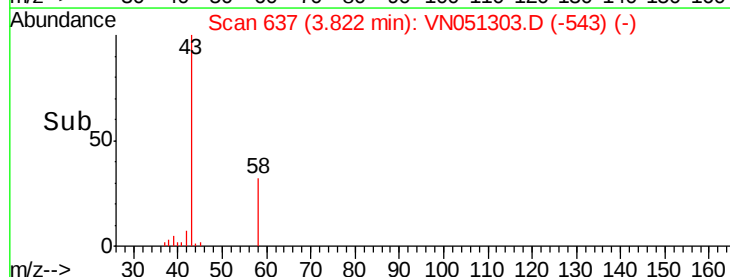
6000

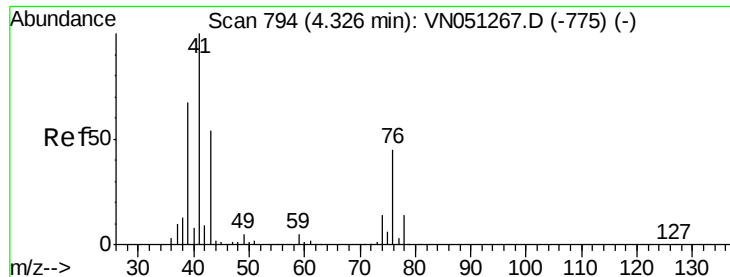
4000

2000

0

Time-->

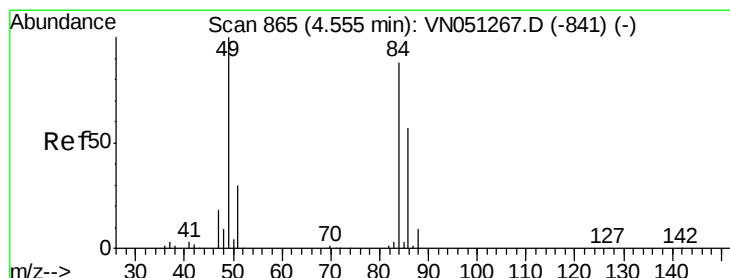
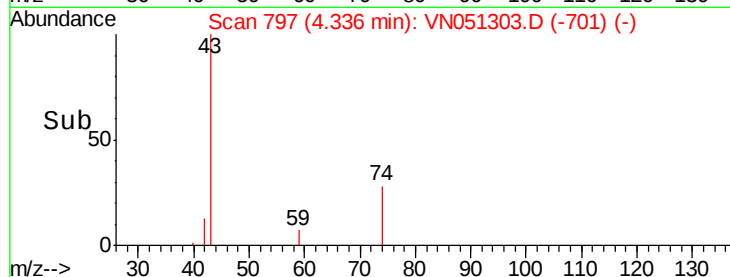
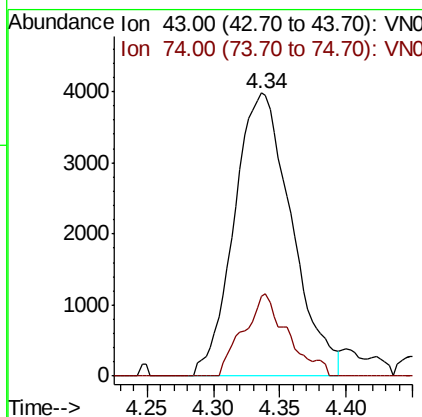
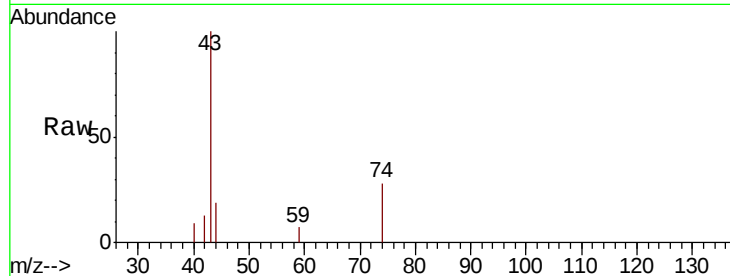




#18
Methyl Acetate
Concen: 3.300 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

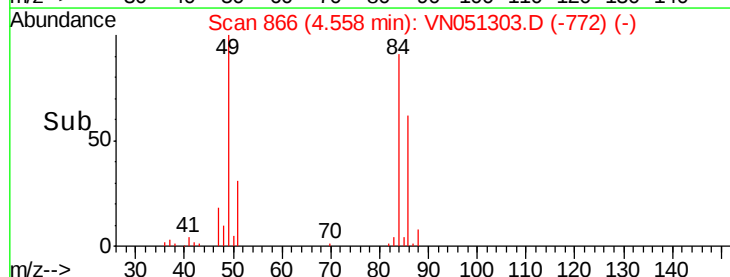
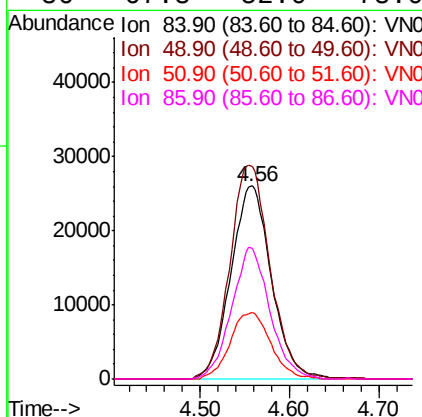
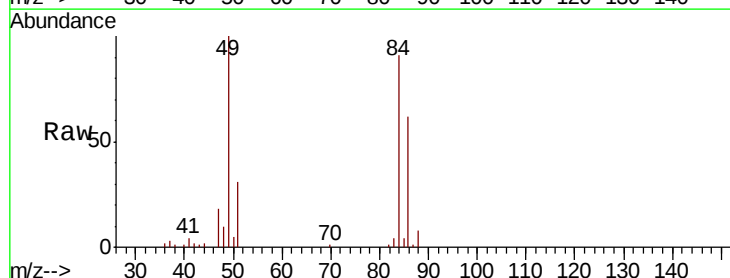
Instrument :
MSVOA_N
ClientSampleId :
RB32727RT

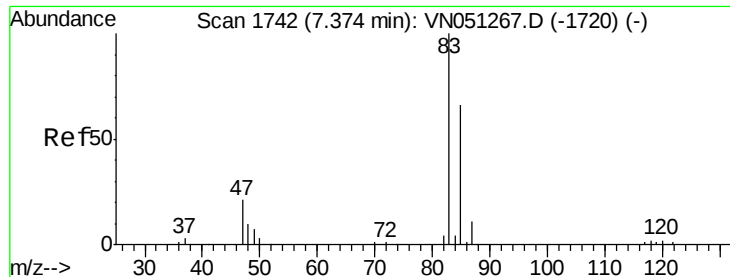
Tgt Ion: 43 Resp: 12000
Ion Ratio Lower Upper
43 100
74 22.6 20.8 31.2



#20
Methylene Chloride
Concen: 16.982 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

Tgt Ion: 84 Resp: 82127
Ion Ratio Lower Upper
84 100
49 110.0 91.2 136.8
51 34.4 27.7 41.5
86 67.8 52.0 78.0





#30

Chloroform

Concen: 1.699 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

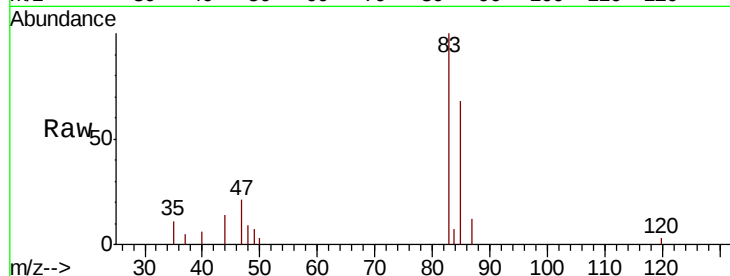
RB32727RT

Tgt Ion: 83 Resp: 13655

Ion Ratio Lower Upper

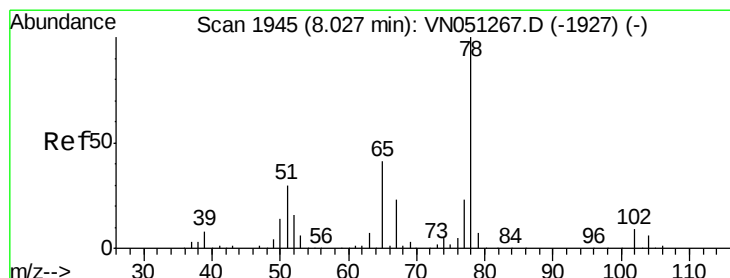
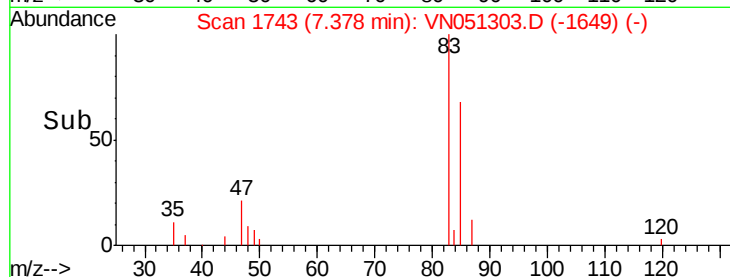
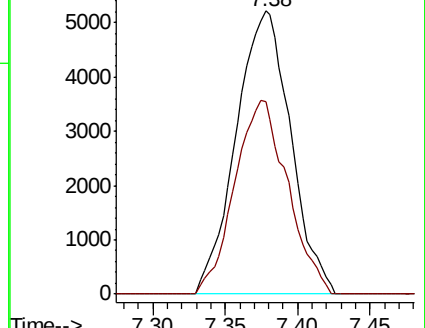
83 100

85 68.2 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN051267.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN051267.D (-1720) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.816 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051303.D

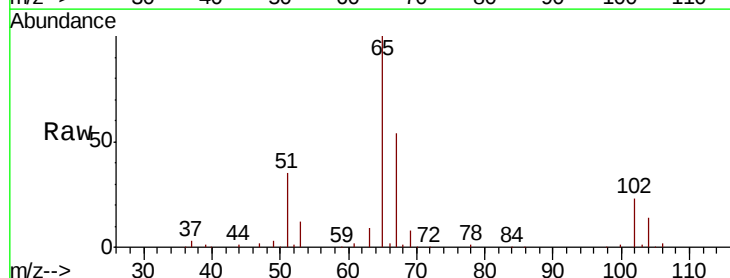
Acq: 18 Sep 2018 17:28

Tgt Ion: 65 Resp: 233368

Ion Ratio Lower Upper

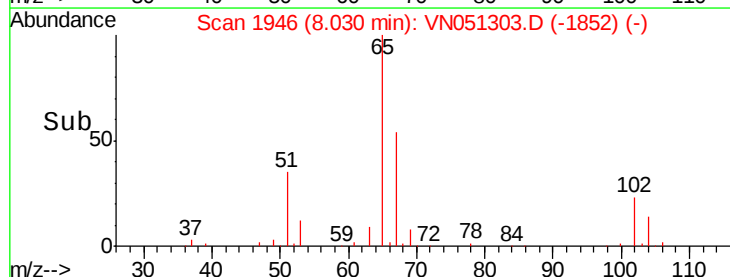
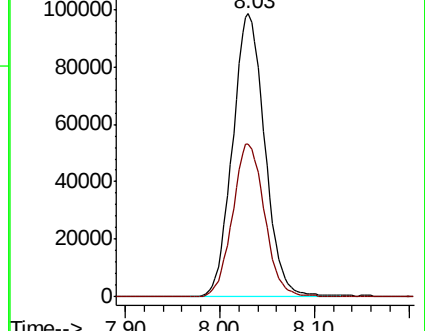
65 100

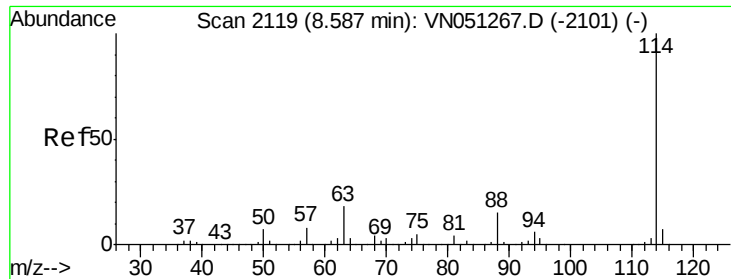
67 53.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN051267.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN051267.D (-1927) (-)

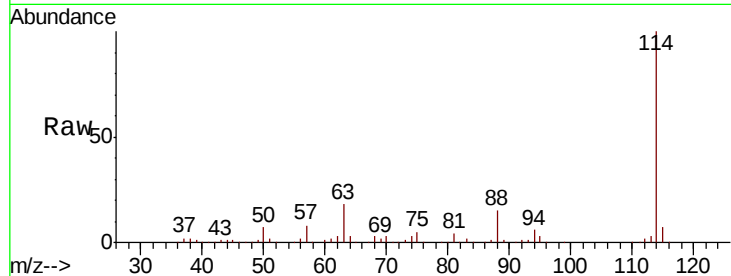




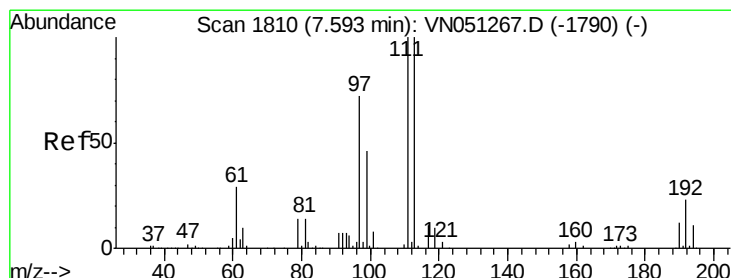
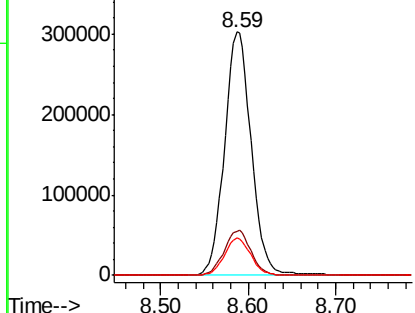
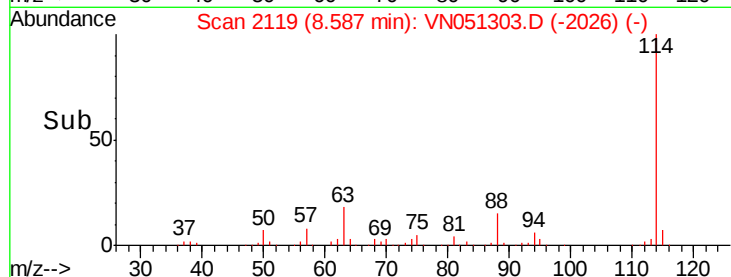
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 RB32727RT

Tgt Ion:	114	Resp:	642699
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	15.2	0.0	30.8

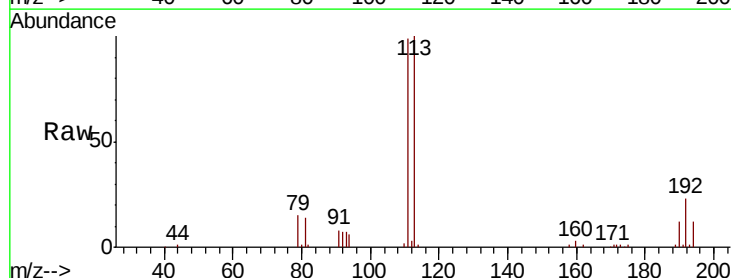


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

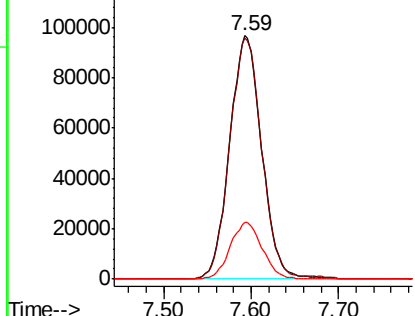
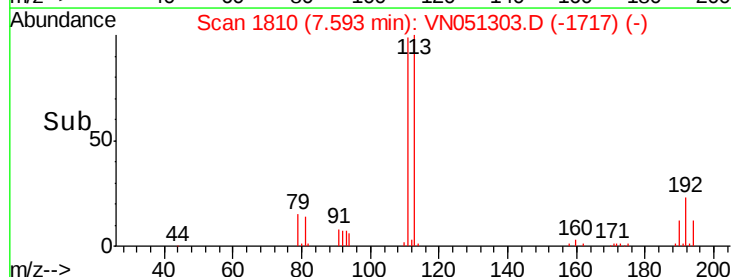


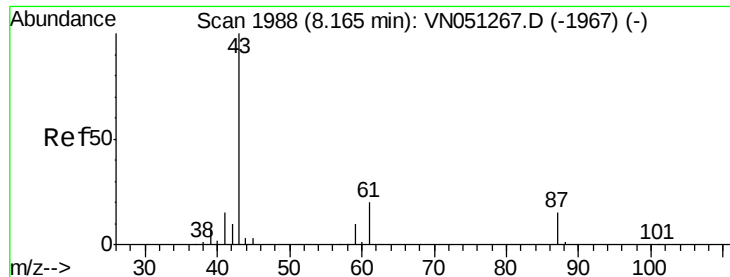
#35
 Dibromofluoromethane
 Concen: 49.236 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051303.D
 Acq: 18 Sep 2018 17:28

Tgt Ion:	113	Resp:	245900
Ion	Ratio	Lower	Upper
113	100		
111	99.2	82.2	123.4
192	23.3	19.0	28.6



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: 48.669 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

RB32727RT

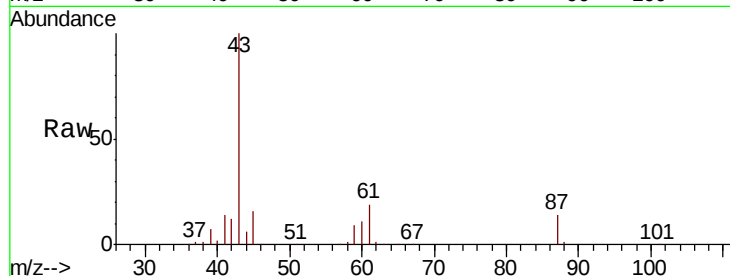
Tgt Ion: 43 Resp: 301186

Ion Ratio Lower Upper

43 100

61 16.1 17.4 26.2#

87 10.7 12.2 18.4#



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051267.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051267.D (-1967) (-)

8.17

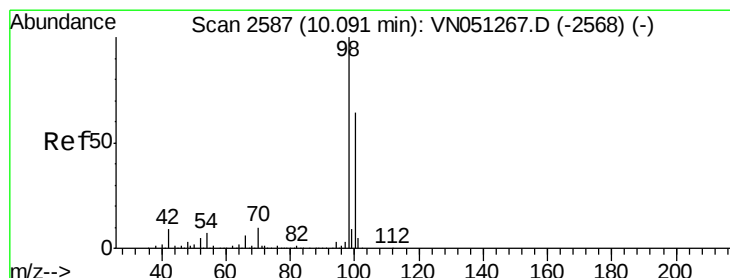
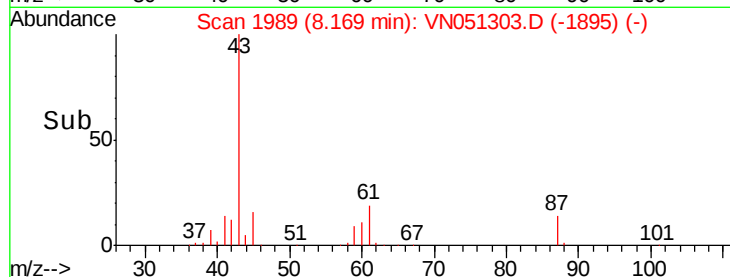
100000

50000

0

8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: 44.965 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051303.D

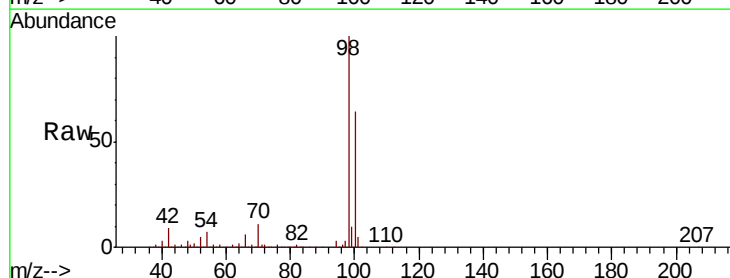
Acq: 18 Sep 2018 17:28

Tgt Ion: 98 Resp: 830073

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

10.09

500000

400000

300000

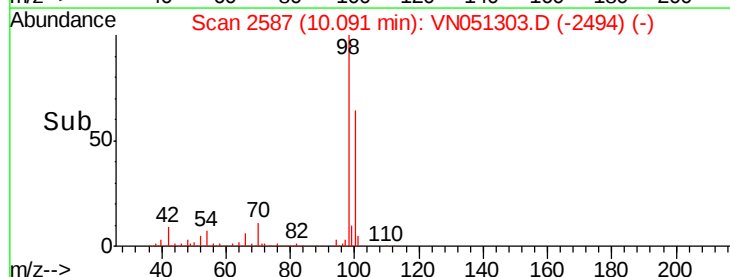
200000

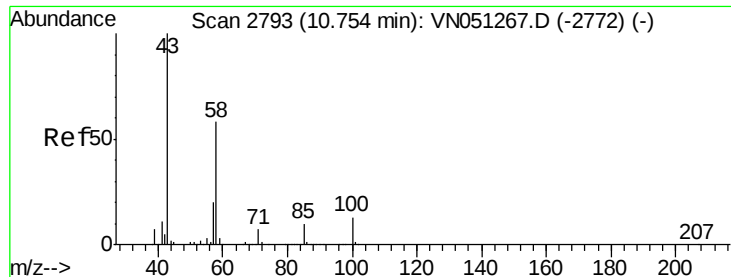
100000

0

10.00 10.10 10.20 10.30

Time-->

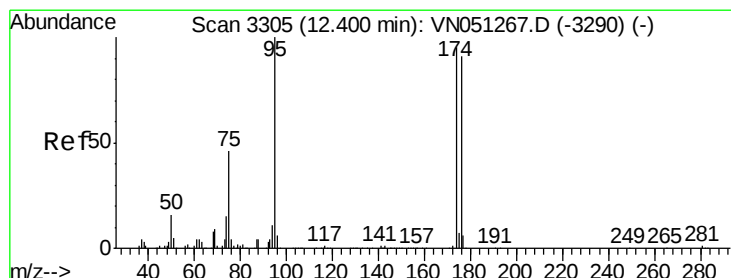
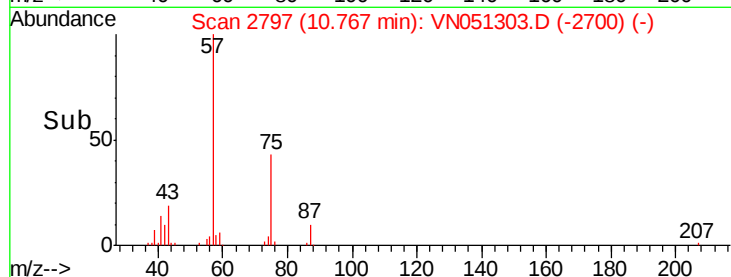
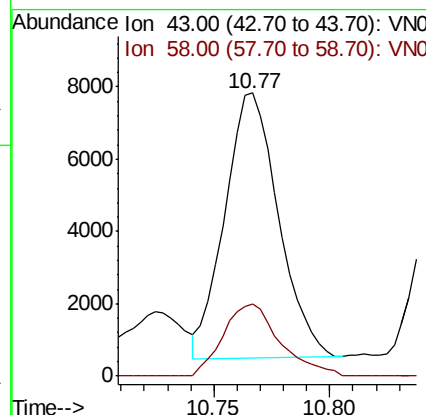
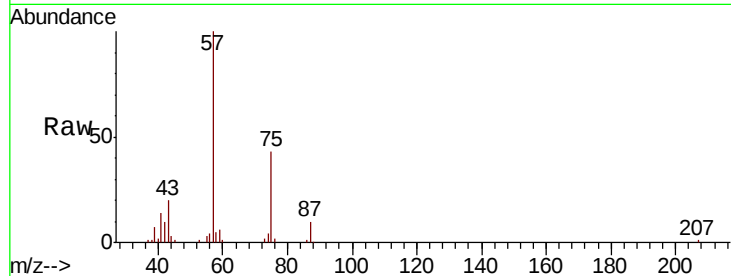




#59
2-Hexanone
Concen: 5.605 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

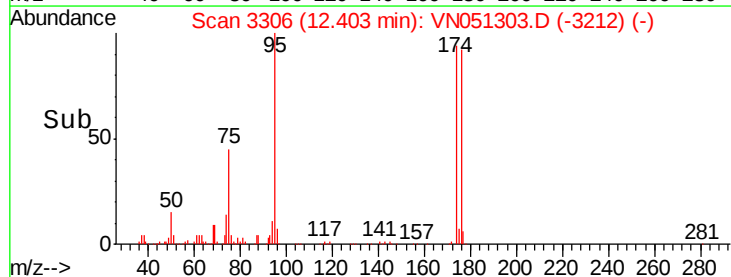
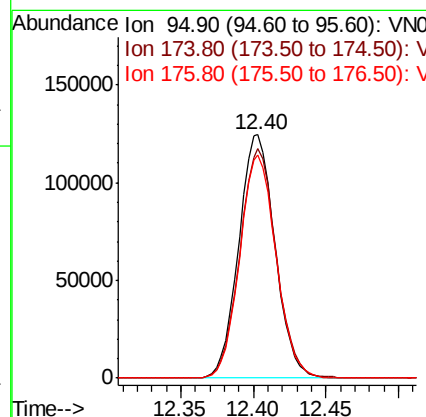
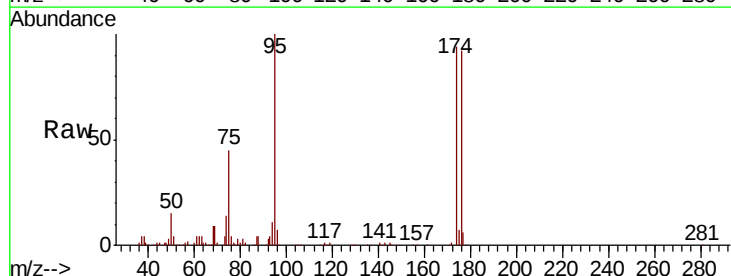
Instrument :
MSVOA_N
ClientSampleId :
RB32727RT

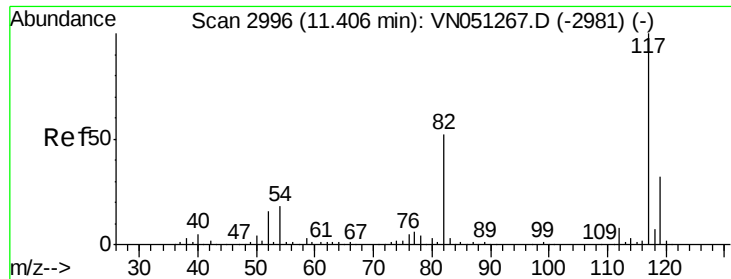
Tgt Ion: 43 Resp: 11784
Ion Ratio Lower Upper
43 100
58 28.8 28.9 86.8#



#62
4-Bromofluorobenzene
Concen: 36.801 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051303.D
Acq: 18 Sep 2018 17:28

Tgt Ion: 95 Resp: 216089
Ion Ratio Lower Upper
95 100
174 94.6 0.0 189.6
176 92.0 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

RB32727RT

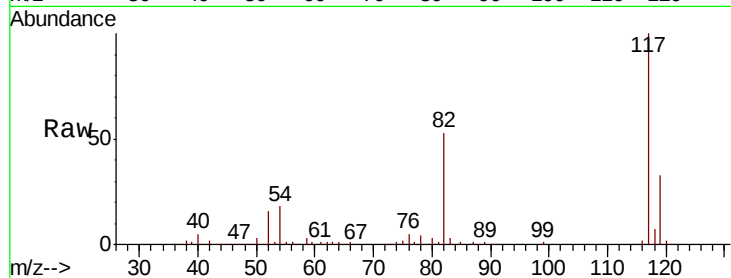
Tgt Ion:117 Resp: 518848

Ion Ratio Lower Upper

117 100

82 53.0 41.8 62.8

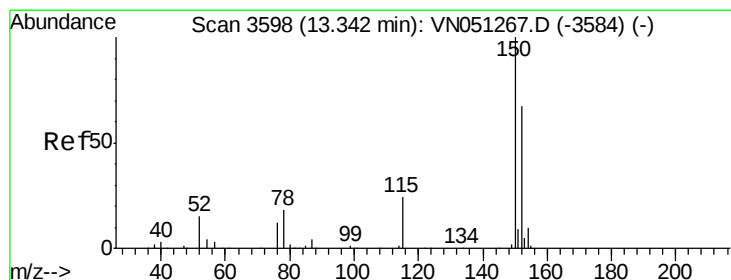
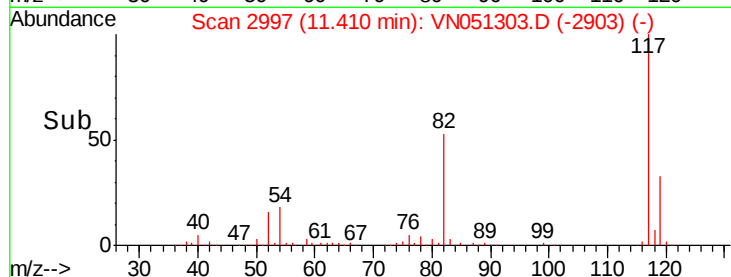
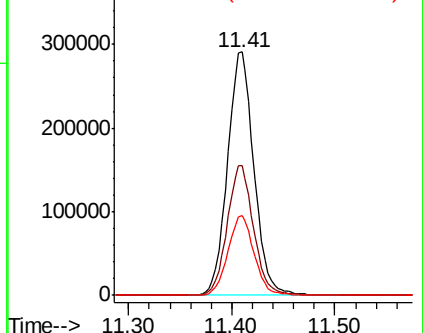
119 32.7 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): 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: VN051303.D

Acq: 18 Sep 2018 17:28

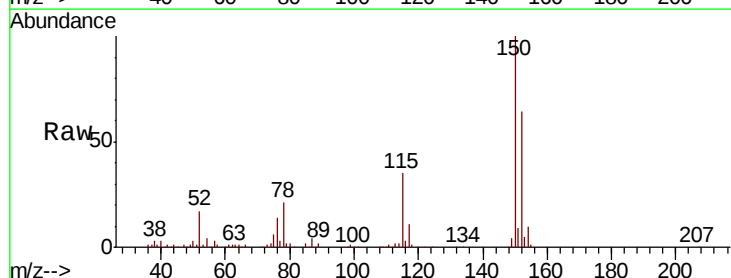
Tgt Ion:152 Resp: 160711

Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.2

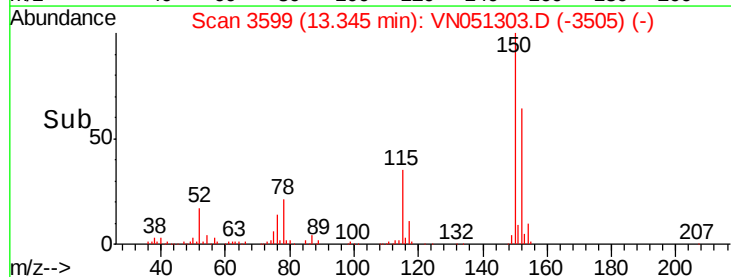
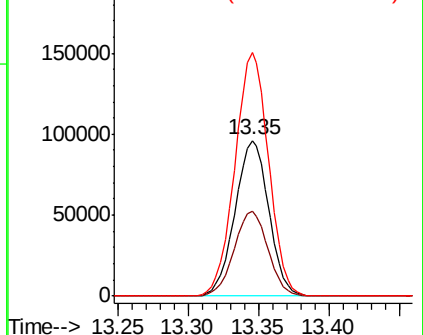
150 156.3 0.0 349.0

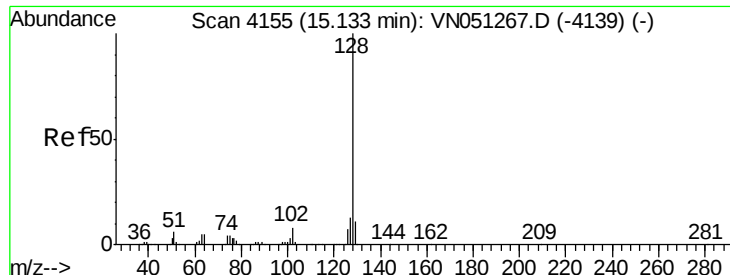


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 12.524 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051303.D

Acq: 18 Sep 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

RB32727RT

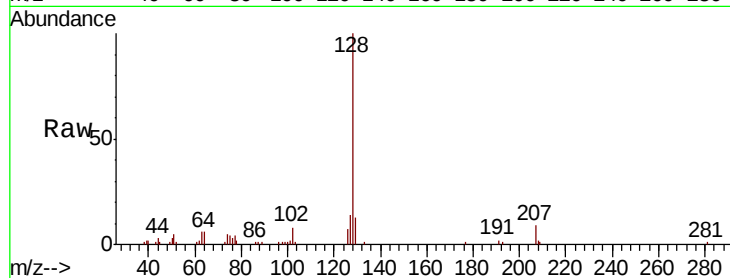
Tgt Ion:128 Resp: 37652

Ion Ratio Lower Upper

128 100

127 14.2 10.7 16.1

129 11.7 8.9 13.3



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

