

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051255.D
 Acq On : 16 Sep 2018 5:24
 Operator : MD\SY
 Sample : J4773-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-E

Quant Time: Sep 17 05:45:20 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	417213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	654519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	515056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	151559	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	227091	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	7.59	113	243415	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	10.09	98	833231	44.65	ug/l	0.00
Spiked Amount			Recovery	=	89.30%	
62) 4-Bromofluorobenzene	12.40	95	205711	33.32	ug/l	0.00
Spiked Amount			Recovery	=	66.64%	

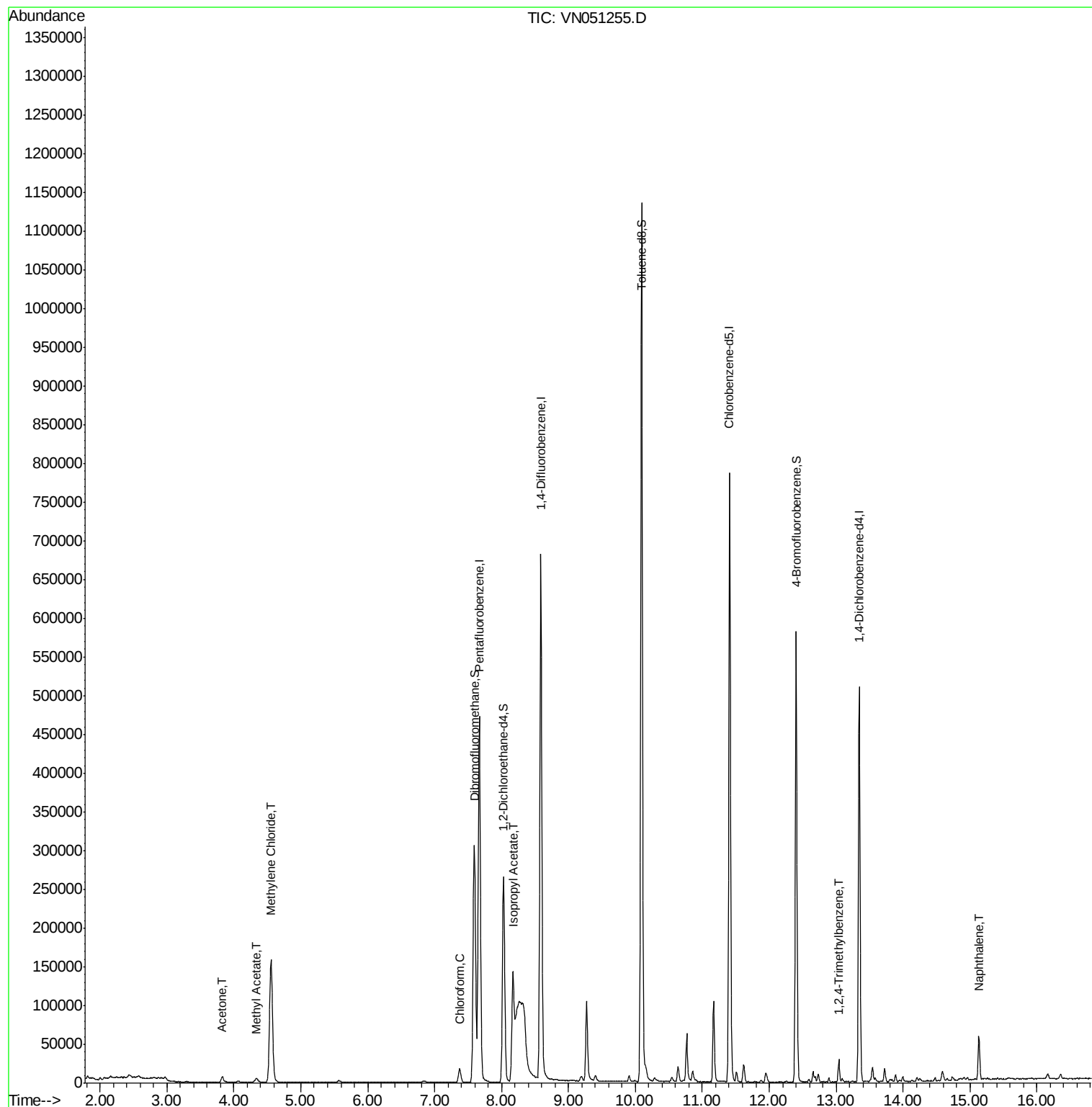
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	10872	3.72	ug/l #	88
18) Methyl Acetate	4.34	43	10531	2.83	ug/l	91
20) Methylene Chloride	4.55	84	127677	24.89	ug/l	99
30) Chloroform	7.37	83	19653	2.31	ug/l	98
43) Isopropyl Acetate	8.17	43	190574	25.95	ug/l #	79
84) 1,2,4-Trimethylbenzene	13.04	105	16606	1.64	ug/l	100
95) Naphthalene	15.13	128	50007	13.18	ug/l	99

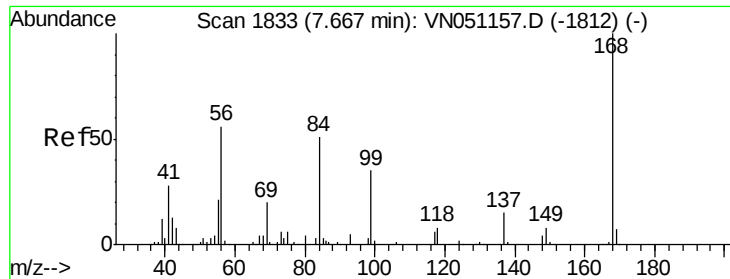
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

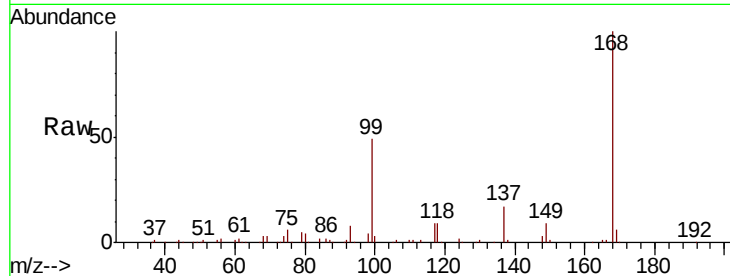
CL-01-091418-E

Tot Ion:168 Resp: 417213

Ion Ratio Lower Upper

168 100

99 49.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

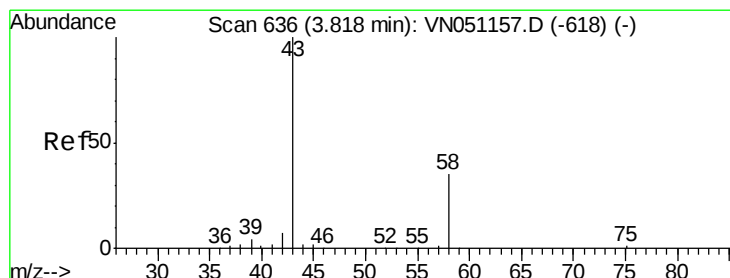
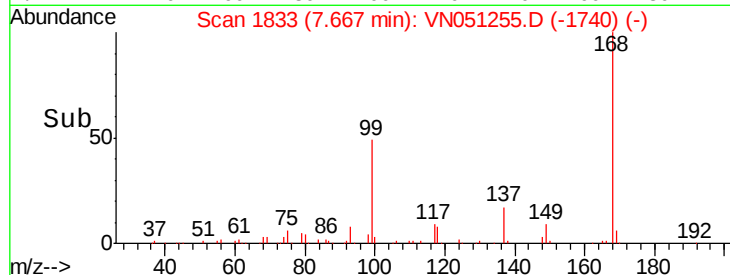
100000

50000

0

7.60 7.67 7.70 7.80

Time-->



#16

Acetone

Concen: 3.72 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051255.D

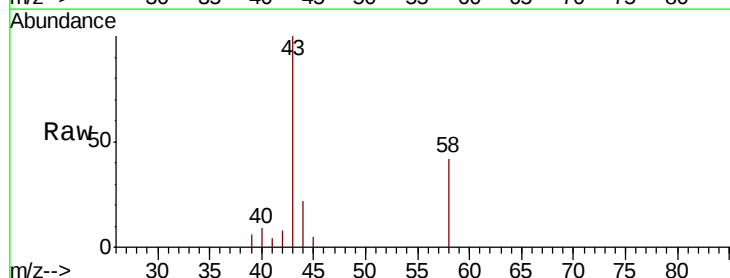
Acq: 16 Sep 2018 5:24

Tgt Ion: 43 Resp: 10872

Ion Ratio Lower Upper

43 100

58 41.9 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

5000

4000

3000

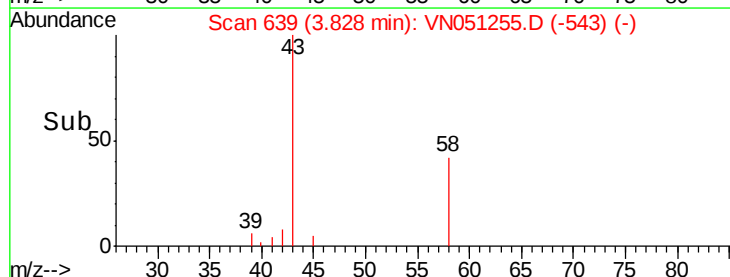
2000

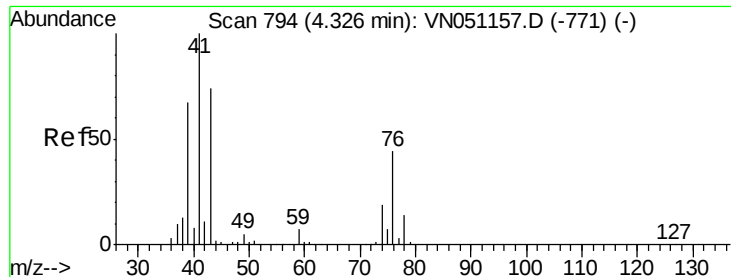
1000

0

3.75 3.80 3.83 3.85 3.90

Time-->

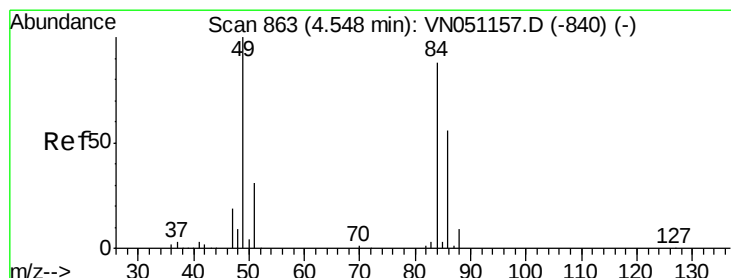
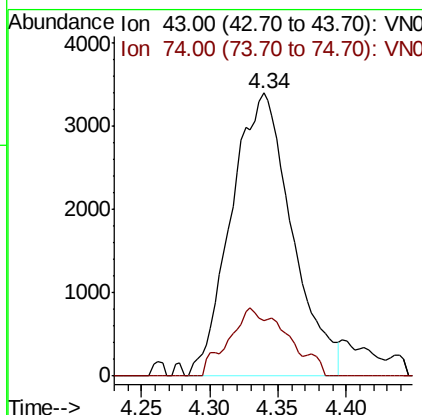
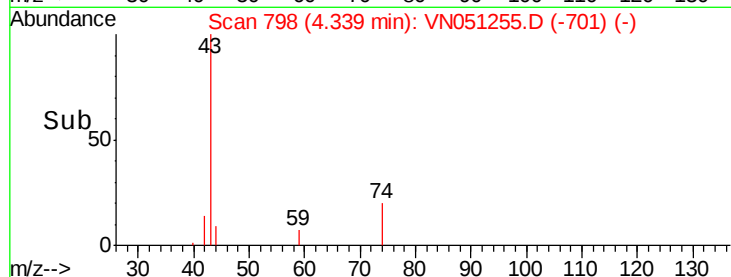
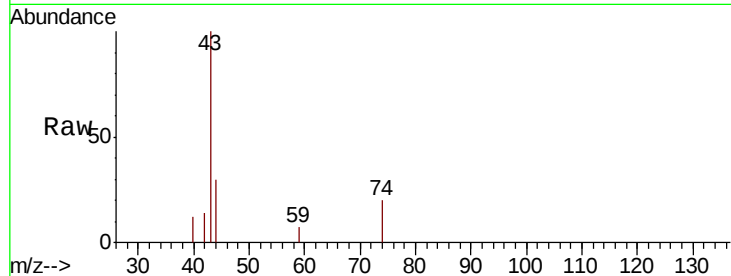




#18
Methyl Acetate
Concen: 2.83 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

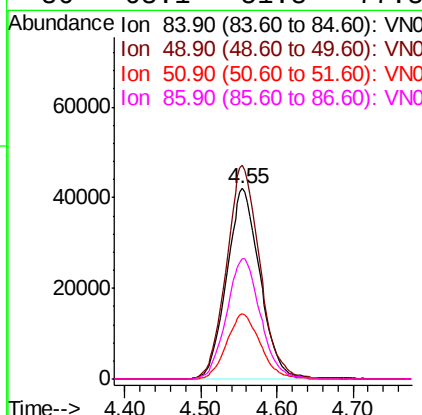
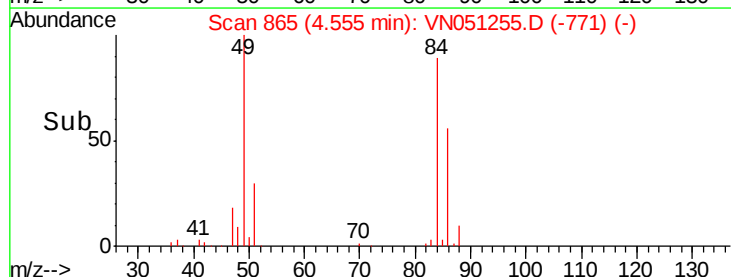
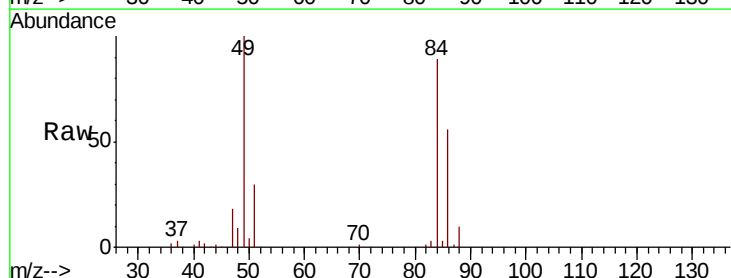
Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-E

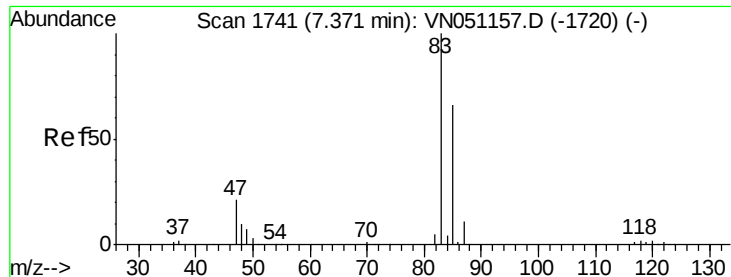
Tot Ion: 43 Resp: 10531
Ion Ratio Lower Upper
43 100
74 21.5 20.7 31.1



#20
Methylene Chloride
Concen: 24.89 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Tgt Ion: 84 Resp: 127677
Ion Ratio Lower Upper
84 100
49 112.1 90.2 135.2
51 34.2 28.4 42.6
86 63.1 51.8 77.8

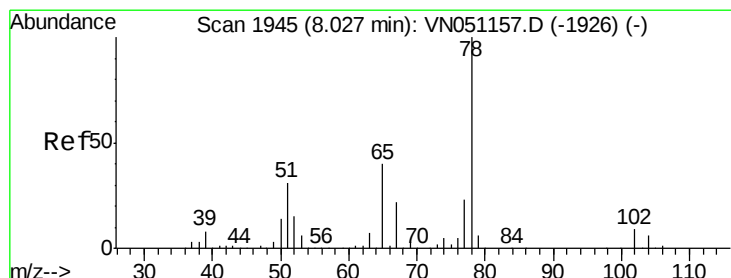
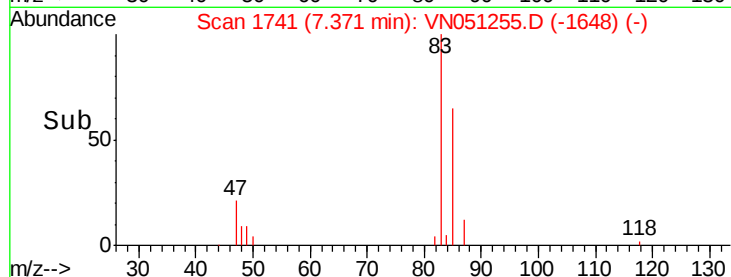
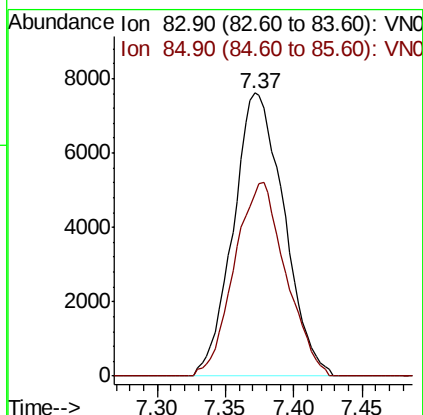
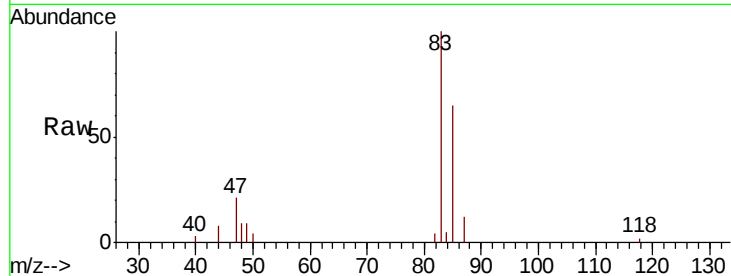




#30
Chloroform
Concen: 2.31 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

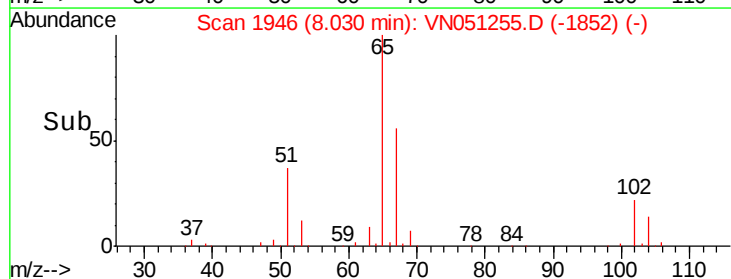
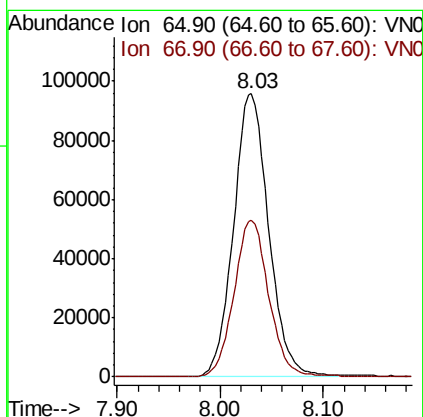
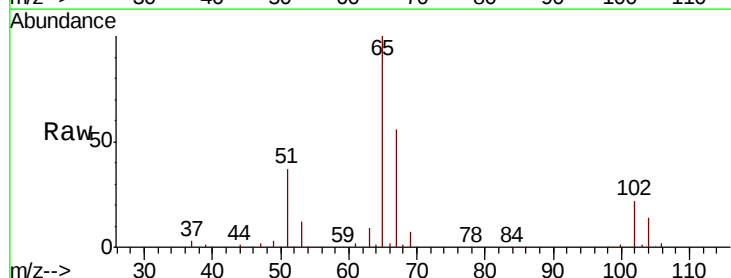
Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-E

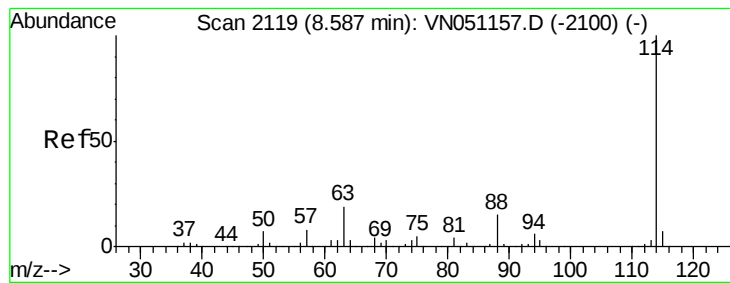
Tot Ion: 83 Resp: 19653
Ion Ratio Lower Upper
83 100
85 64.6 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 48.91 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Tgt Ion: 65 Resp: 227091
Ion Ratio Lower Upper
65 100
67 54.8 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

CL-01-091418-E

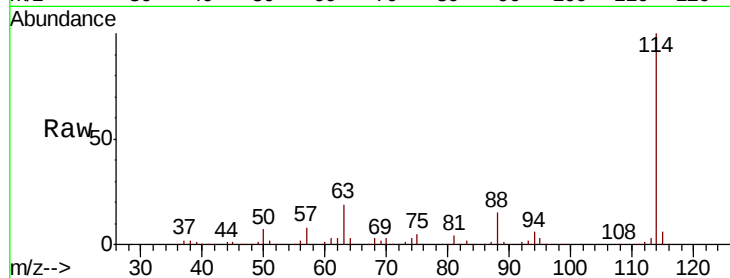
Tot Ion:114 Resp: 654519

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

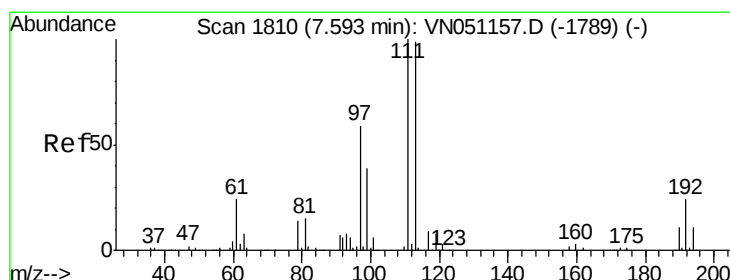
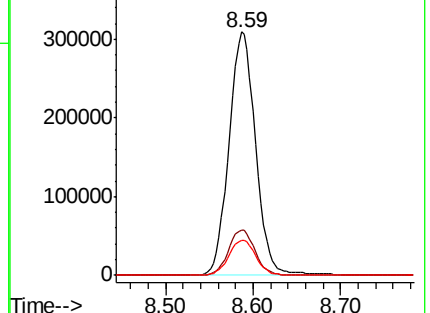
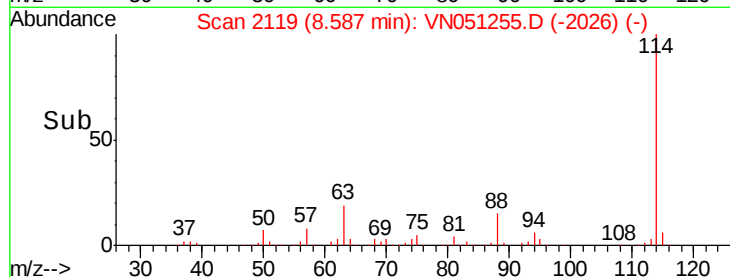
88 14.6 0.0 30.8



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: 49.49 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

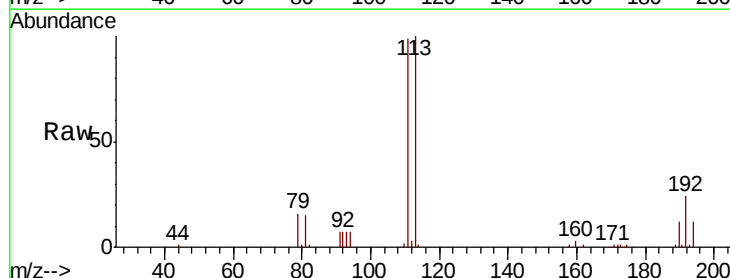
Tgt Ion:113 Resp: 243415

Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.6

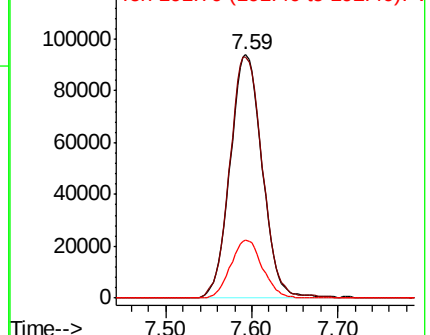
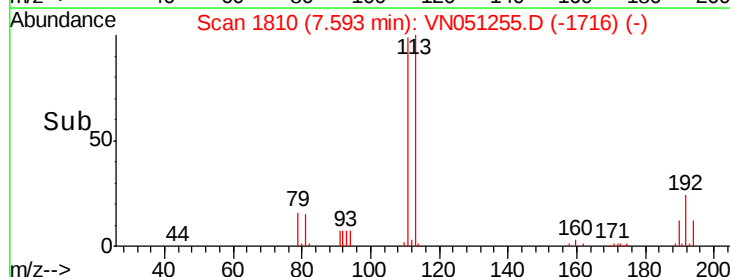
192 23.8 18.7 28.1

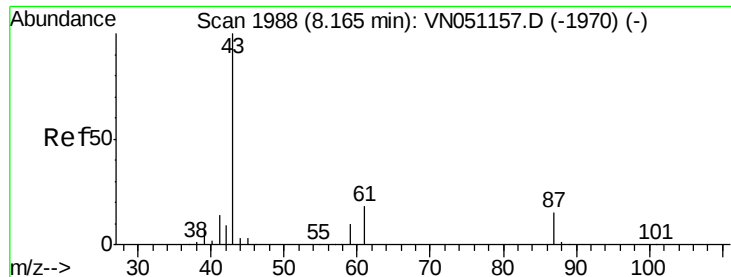


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 25.95 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

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ClientSampleId :

CL-01-091418-E

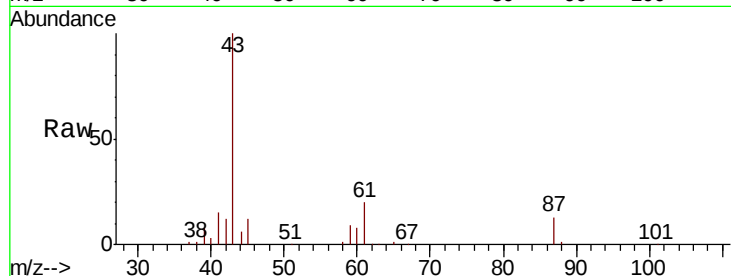
Tot Ion: 43 Resp: 190574

Ion Ratio Lower Upper

43 100

61 16.9 25.0 37.6#

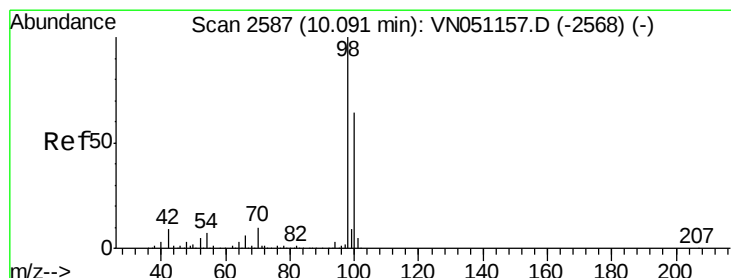
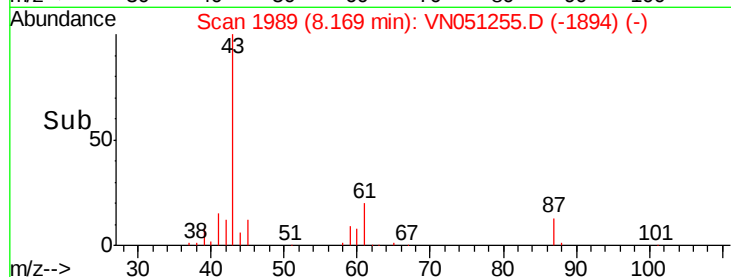
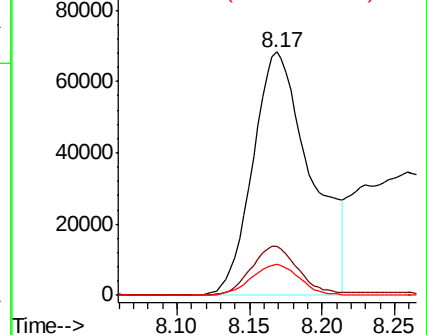
87 10.5 11.8 17.8#



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: 44.65 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051255.D

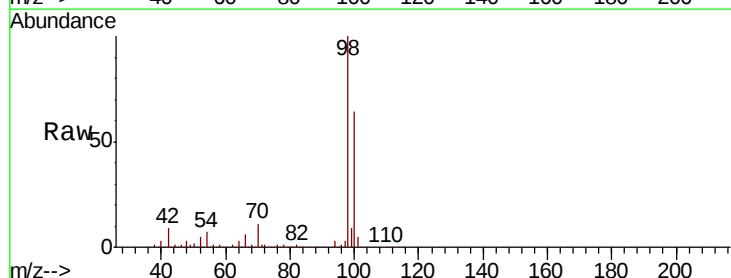
Acq: 16 Sep 2018 5:24

Tgt Ion: 98 Resp: 833231

Ion Ratio Lower Upper

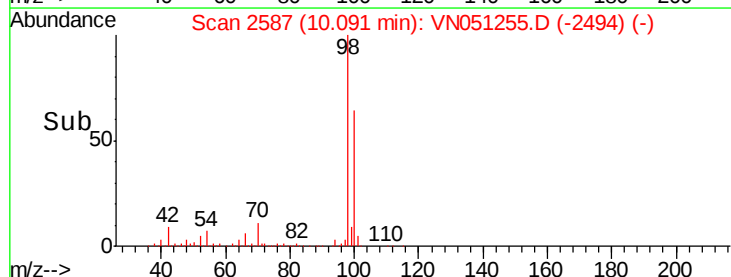
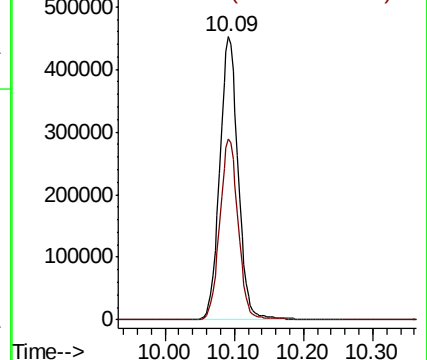
98 100

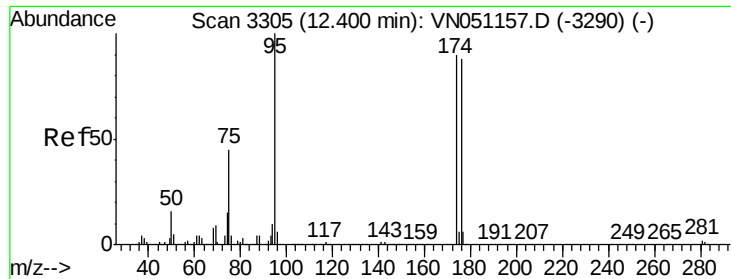
100 63.9 52.0 78.0



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: 33.32 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

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CL-01-091418-E

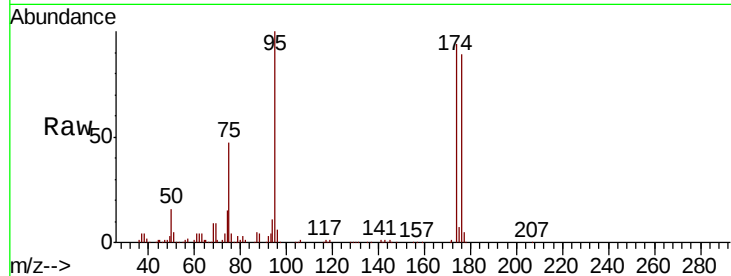
Tot Ion: 95 Resp: 205711

Ion Ratio Lower Upper

95 100

174 95.1 0.0 184.8

176 90.7 0.0 178.6



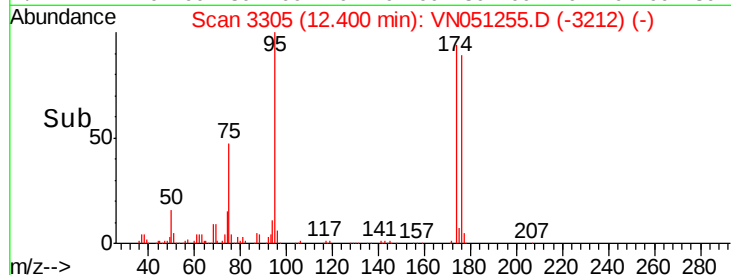
Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)

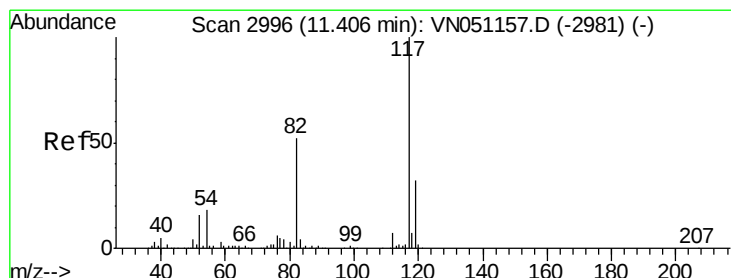
Time-->

12.35 12.40 12.45 12.50



Time-->

12.35 12.40 12.45 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

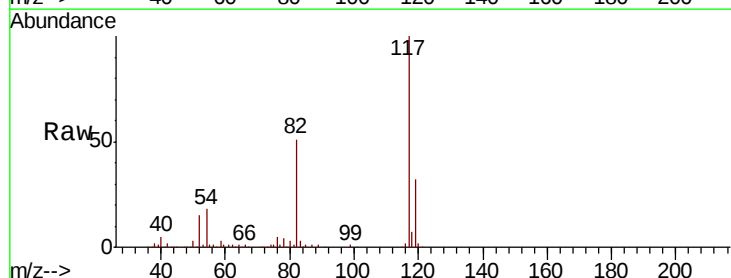
Tgt Ion: 117 Resp: 515056

Ion Ratio Lower Upper

117 100

82 50.8 41.8 62.6

119 31.5 26.2 39.2



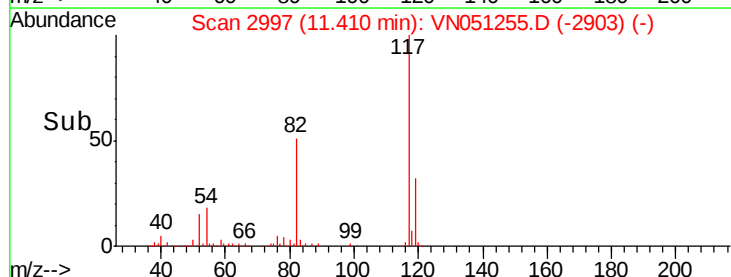
Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051157.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051157.D (-2981) (-)

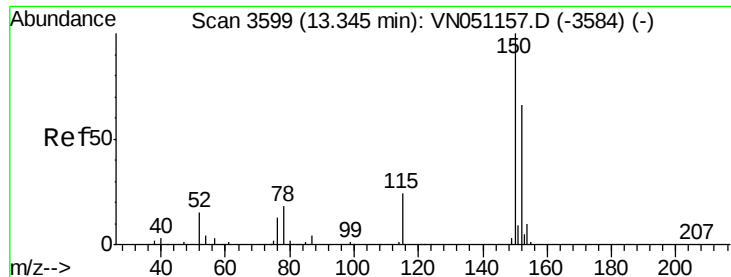
Time-->

11.30 11.40 11.50



Time-->

11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

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ClientSampleId :

CL-01-091418-E

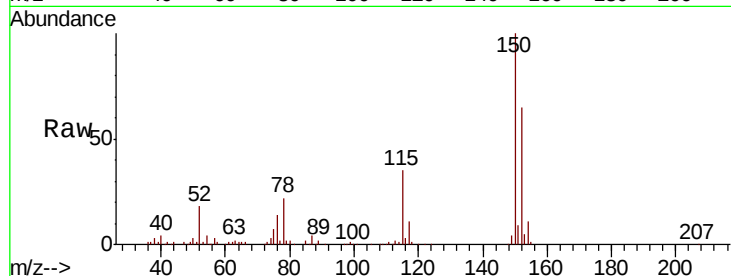
Tot Ion:152 Resp: 151559

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

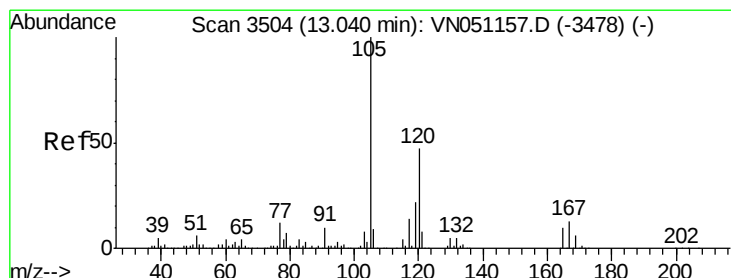
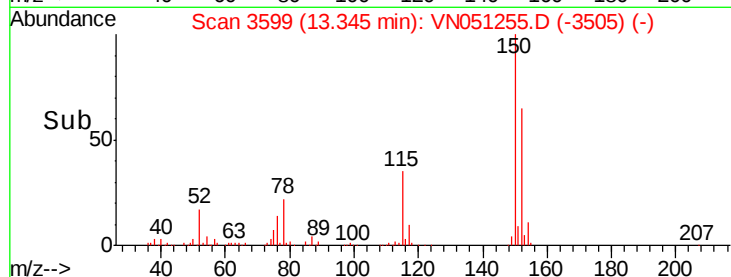
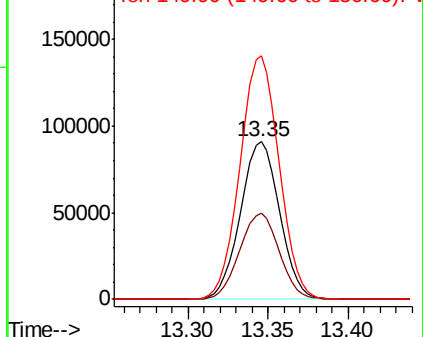
150 154.4 0.0 349.0



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: 1.64 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051255.D

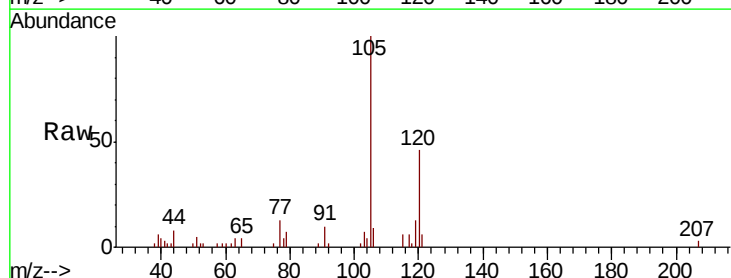
Acq: 16 Sep 2018 5:24

Tgt Ion:105 Resp: 16606

Ion Ratio Lower Upper

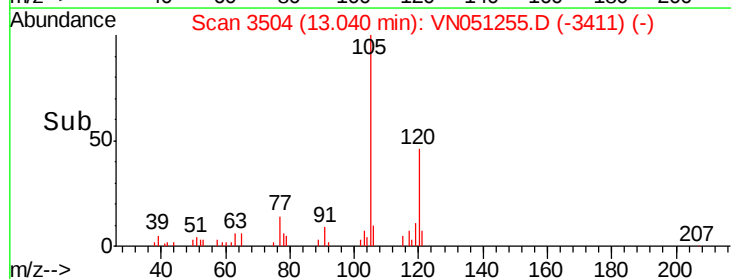
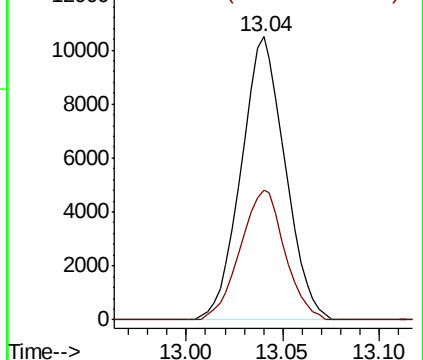
105 100

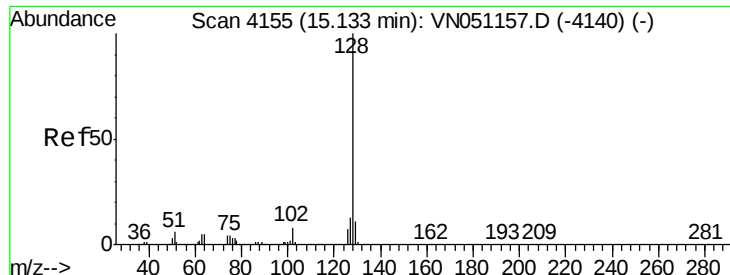
120 46.4 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 13.18 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

CL-01-091418-E

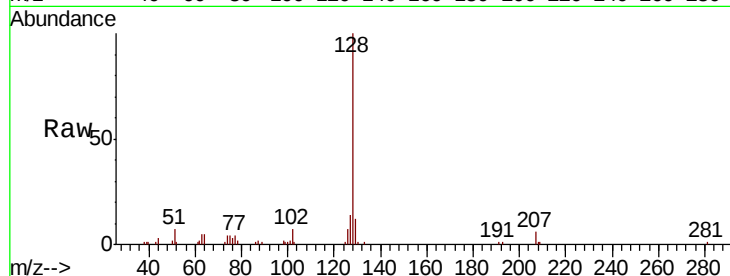
Tot Ion:128 Resp: 50007

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.0 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

