

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051213.D
 Acq On : 15 Sep 2018 1:25
 Operator : MD\SY
 Sample : J4906-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-2

Quant Time: Sep 15 02:30:10 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	556681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	884897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	704381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226486	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	336825	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
35) Dibromofluoromethane	7.59	113	335595	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	1179871	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
62) 4-Bromofluorobenzene	12.40	95	293790	35.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.40%	

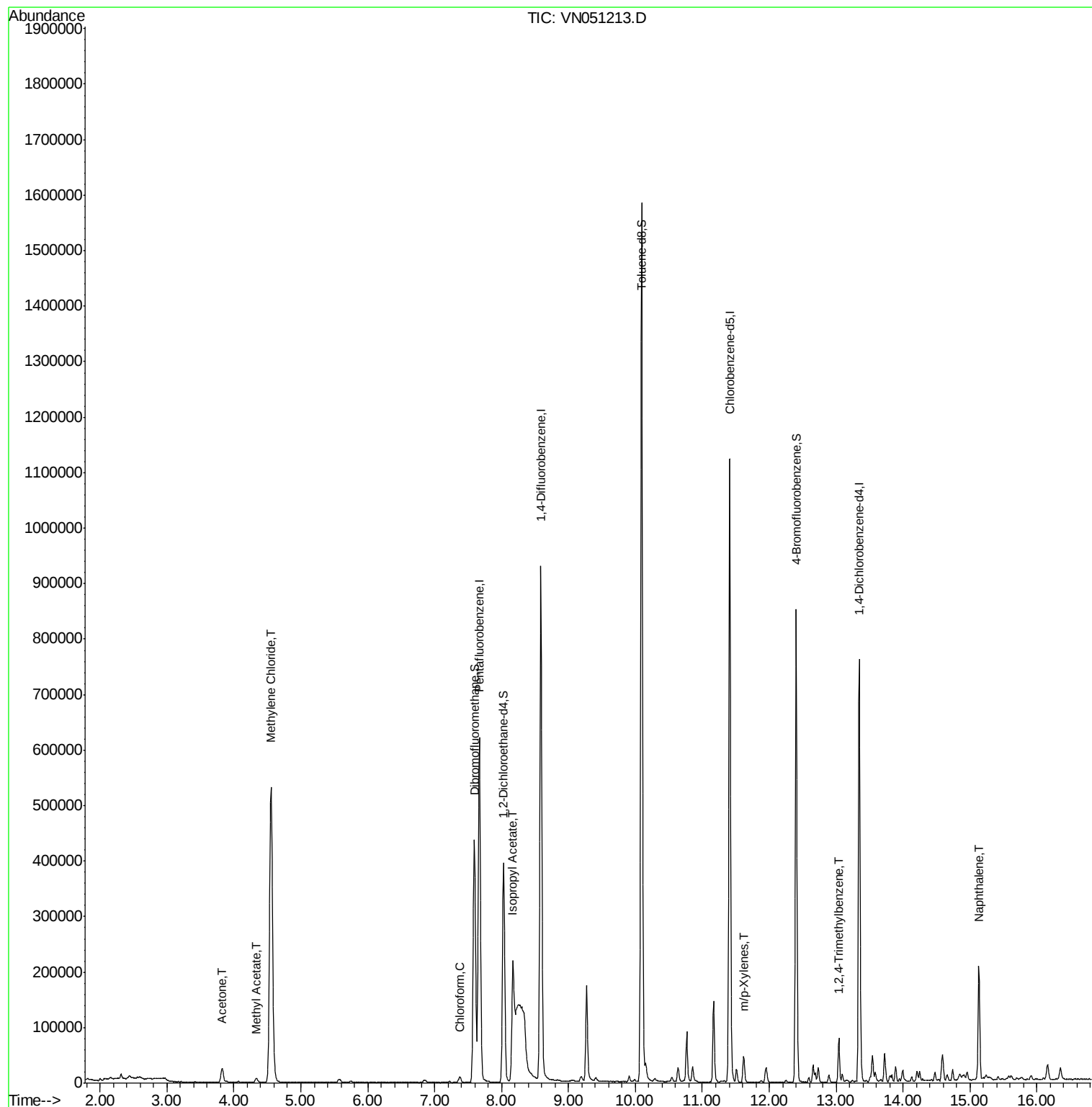
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	43075	22.82	ug/l	91
18) Methyl Acetate	4.34	43	13925	2.81	ug/l	96
20) Methylene Chloride	4.55	84	433749	63.38	ug/l	99
30) Chloroform	7.37	83	11961	1.06	ug/l	97
43) Isopropyl Acetate	8.17	43	279382	28.14	ug/l #	79
68) m/p-Xylenes	11.62	106	15233	1.38	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	44287	2.93	ug/l	99
95) Naphthalene	15.13	128	184348	24.68	ug/l	100

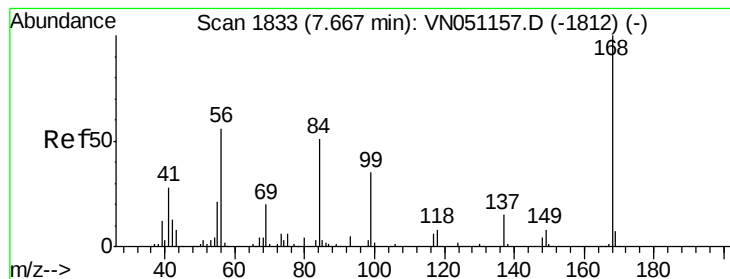
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091418\
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Quant Time: Sep 15 02:30:10 2018
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# 1834

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampled :

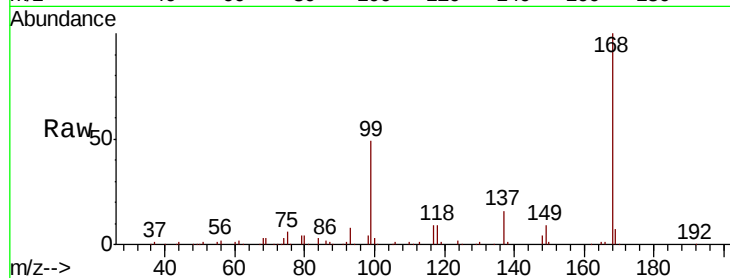
SP-PIT-2

Tot Ion:168 Resp: 556681

Ion Ratio Lower Upper

168 100

99 49.1 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

250000

200000

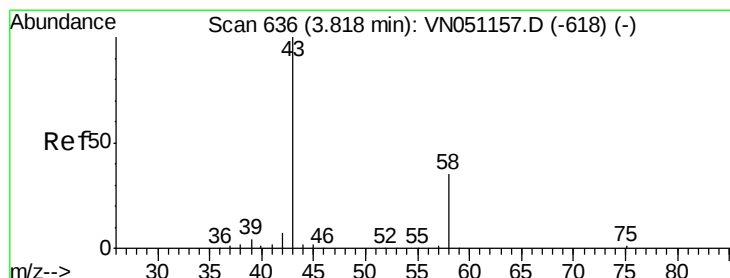
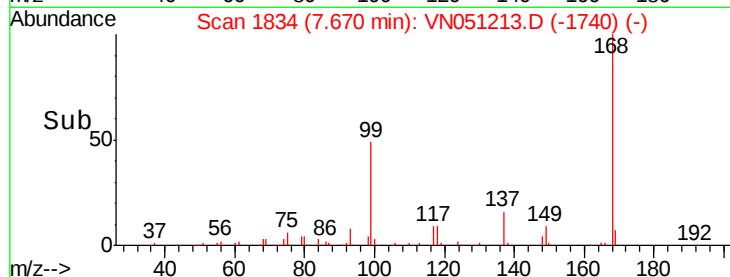
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.82 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051213.D

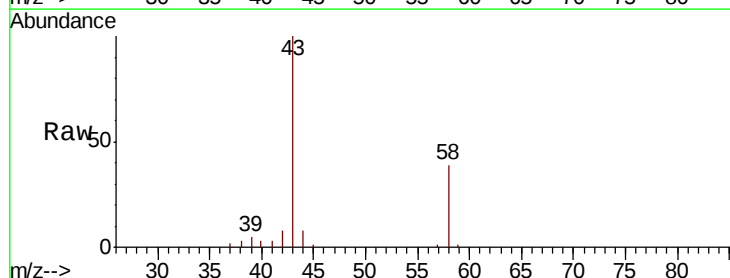
Acq: 15 Sep 2018 1:25

Tgt Ion: 43 Resp: 43075

Ion Ratio Lower Upper

43 100

58 39.6 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) (-)

3.82

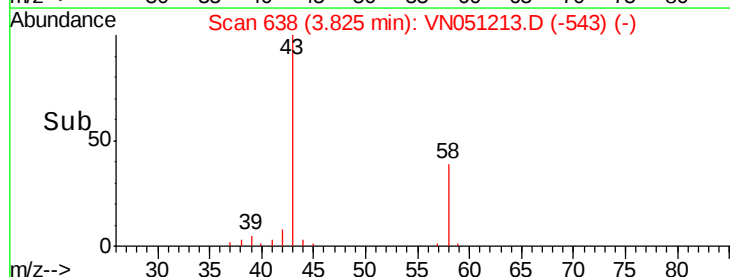
15000

10000

5000

0

Time-->

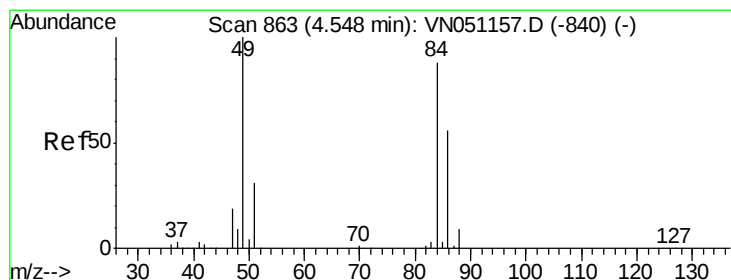
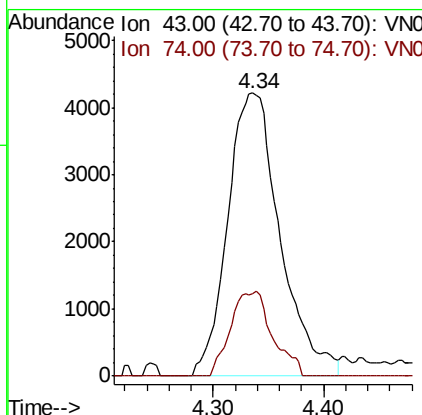
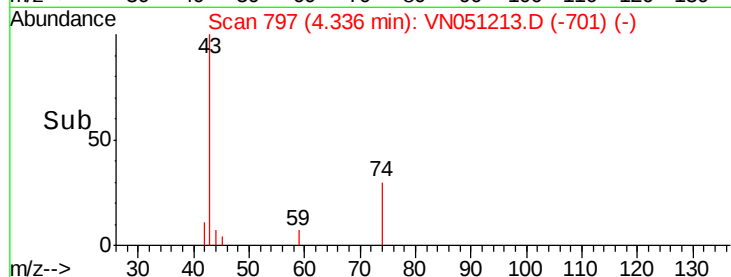
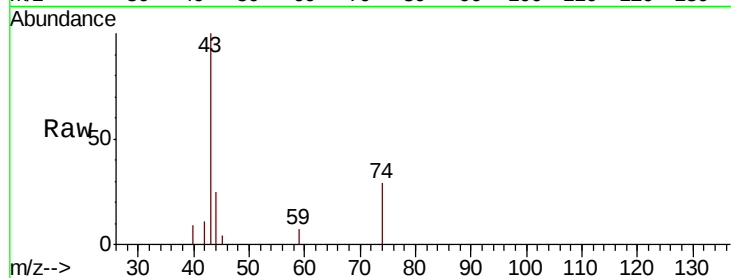




#18
Methyl Acetate
Concen: 2.81 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

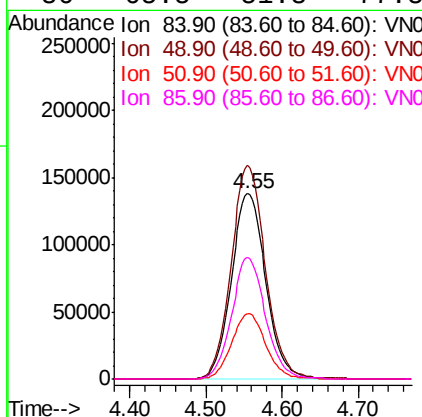
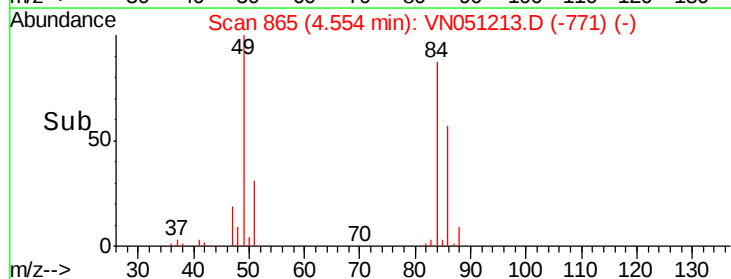
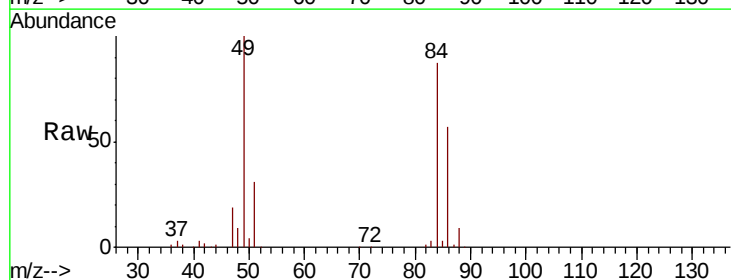
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-2

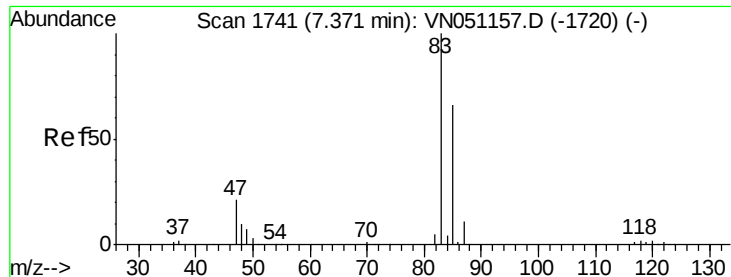
Tot Ion: 43 Resp: 13925
Ion Ratio Lower Upper
43 100
74 23.8 20.7 31.1



#20
Methylene Chloride
Concen: 63.38 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Tgt Ion: 84 Resp: 433749
Ion Ratio Lower Upper
84 100
49 115.1 90.2 135.2
51 35.5 28.4 42.6
86 65.5 51.8 77.8

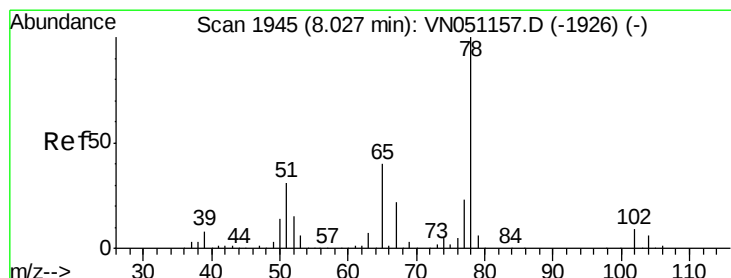
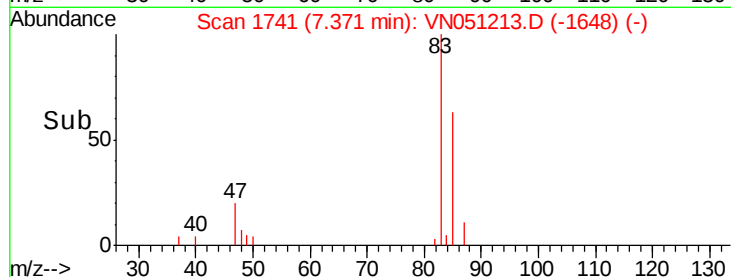
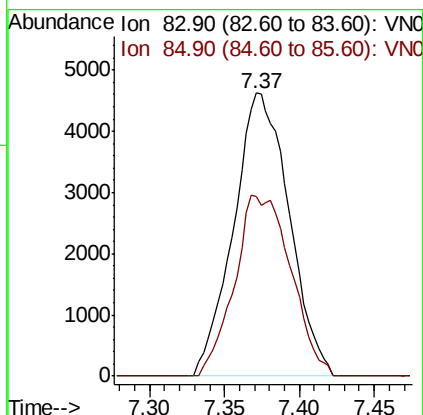
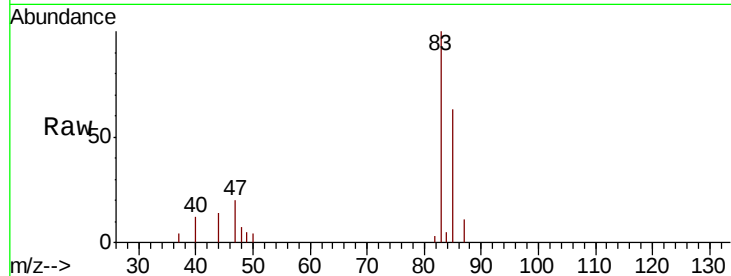




#30
Chloroform
Concen: 1.06 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

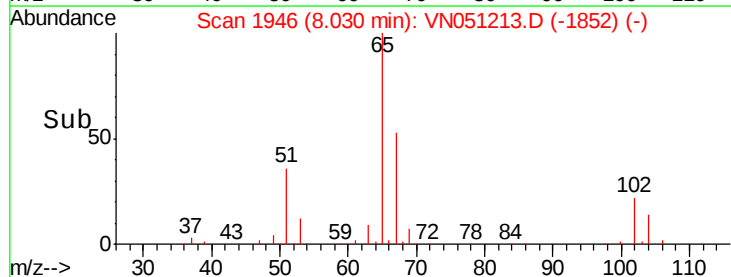
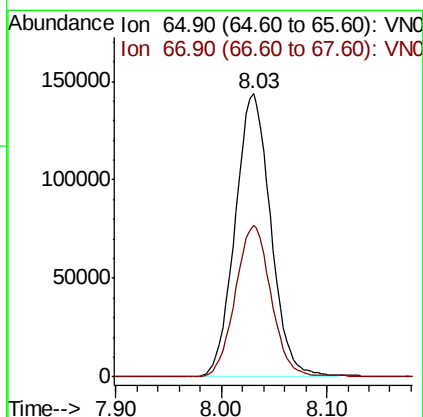
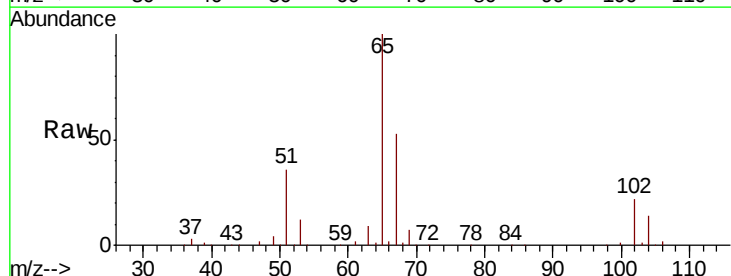
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-2

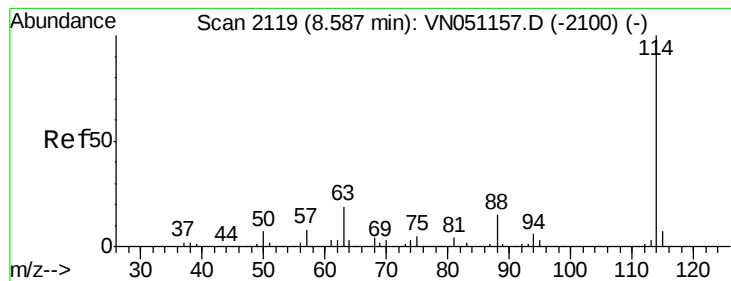
Tot Ion: 83 Resp: 11961
Ion Ratio Lower Upper
83 100
85 63.3 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 54.37 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051213.D
Acq: 15 Sep 2018 1:25

Tgt Ion: 65 Resp: 336825
Ion Ratio Lower Upper
65 100
67 53.8 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: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-2

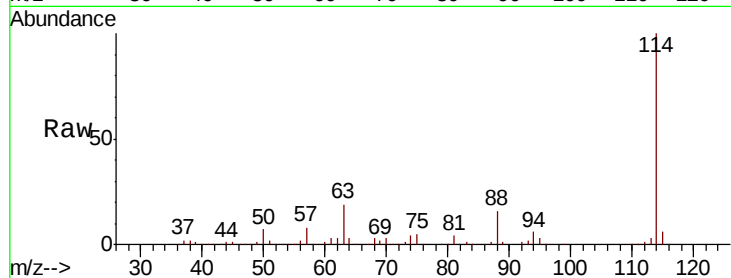
Tot Ion:114 Resp: 884897

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

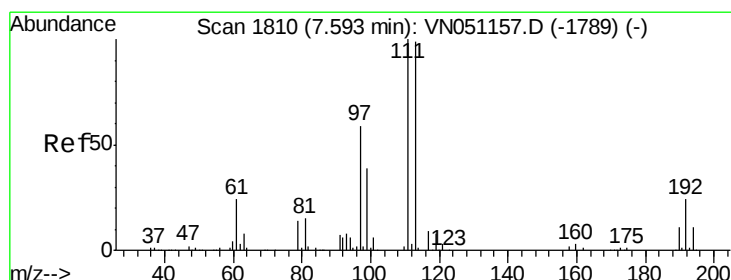
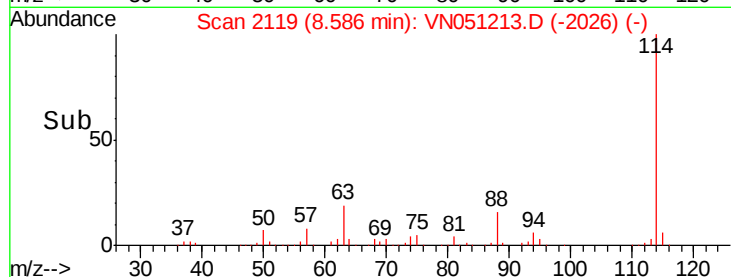
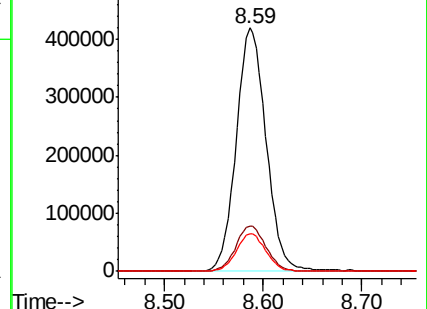
88 15.7 0.0 30.8



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: 50.47 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

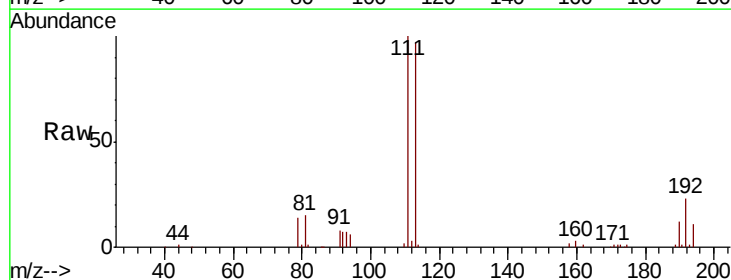
Tgt Ion:113 Resp: 335595

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

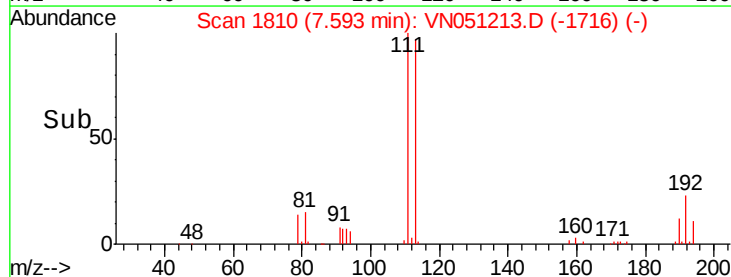
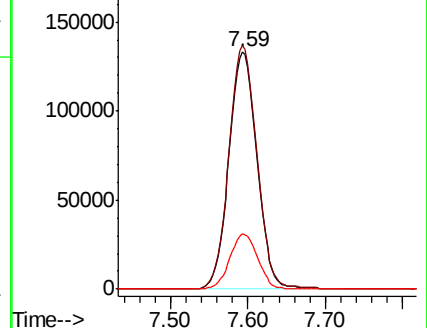
192 23.1 18.7 28.1

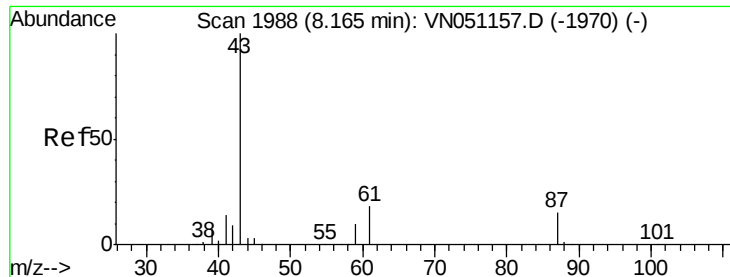


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 28.14 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-2

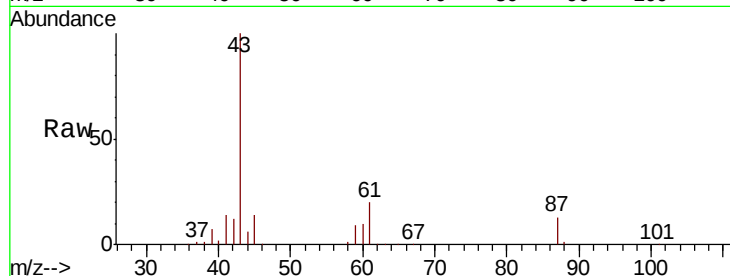
Tot Ion: 43 Resp: 279382

Ion Ratio Lower Upper

43 100

61 16.8 25.0 37.6#

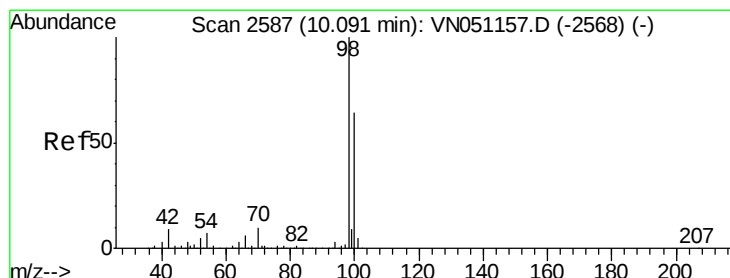
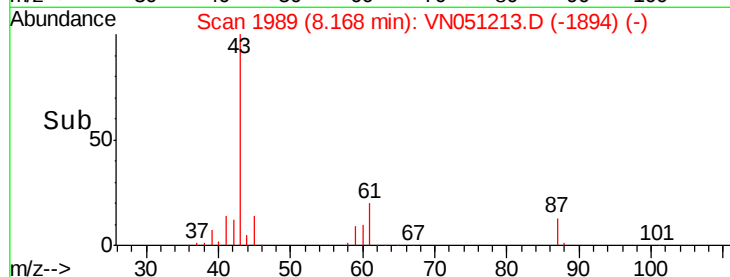
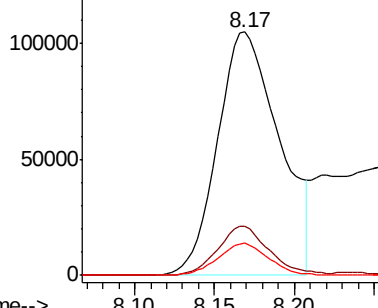
87 10.9 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 46.76 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051213.D

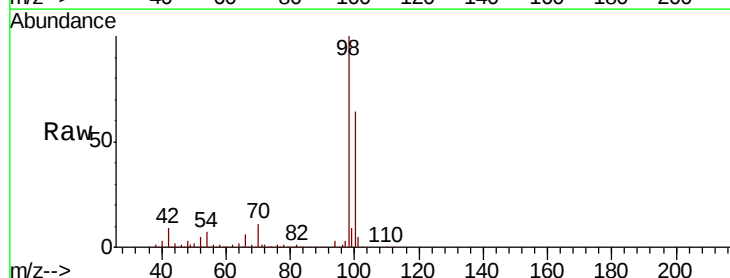
Acq: 15 Sep 2018 1:25

Tgt Ion: 98 Resp: 1179871

Ion Ratio Lower Upper

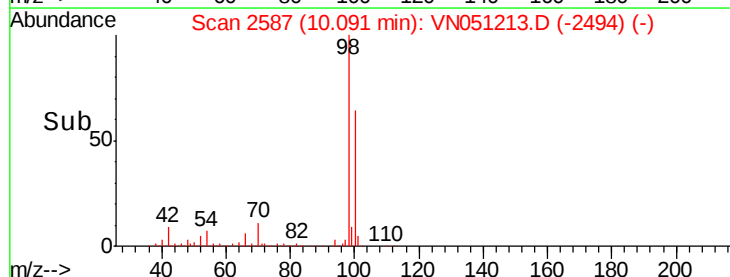
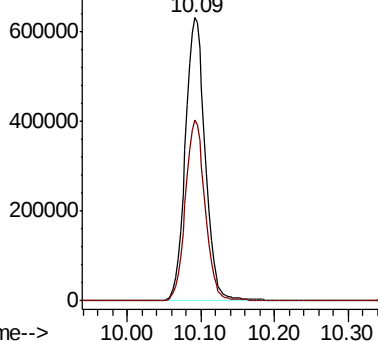
98 100

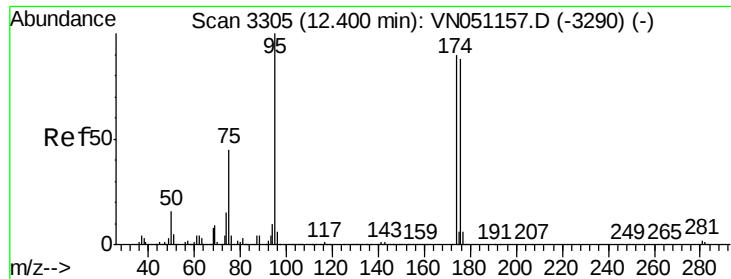
100 63.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.20 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-2

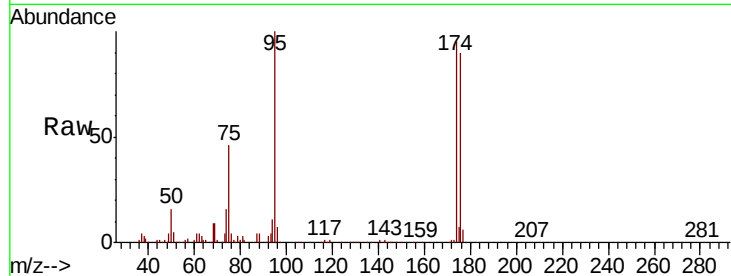
Tot Ion: 95 Resp: 293790

Ion Ratio Lower Upper

95 100

174 94.8 0.0 184.8

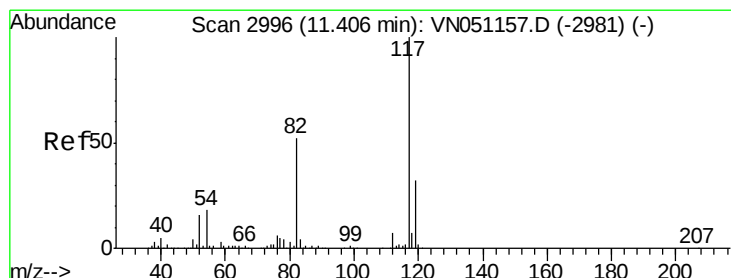
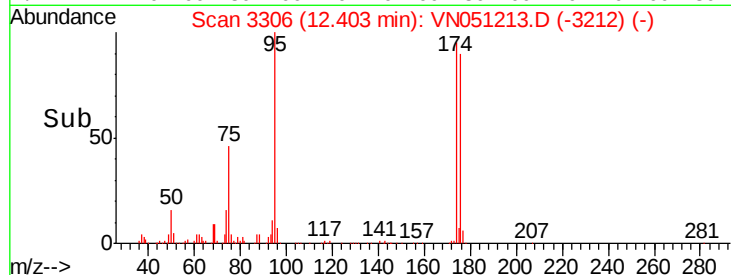
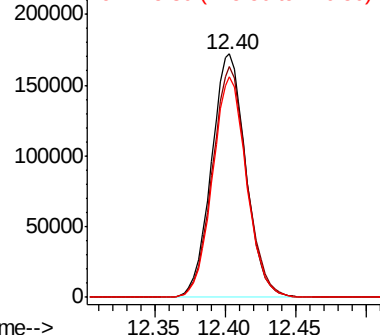
176 89.7 0.0 178.6



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) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

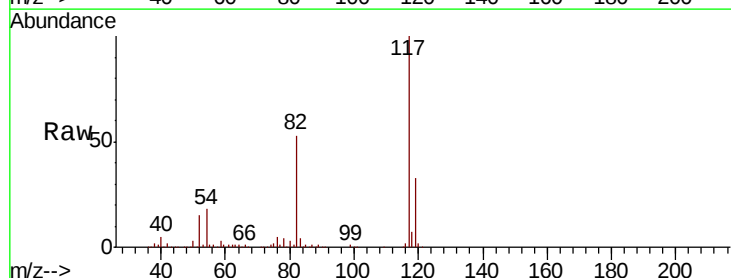
Tgt Ion: 117 Resp: 704381

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

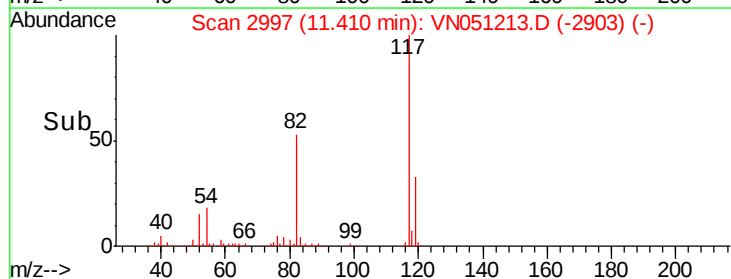
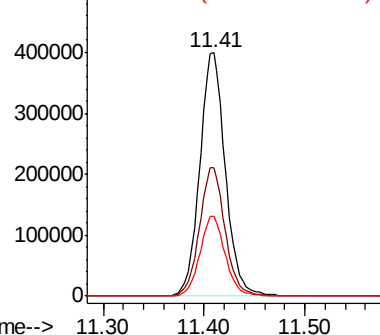
119 32.8 26.2 39.2

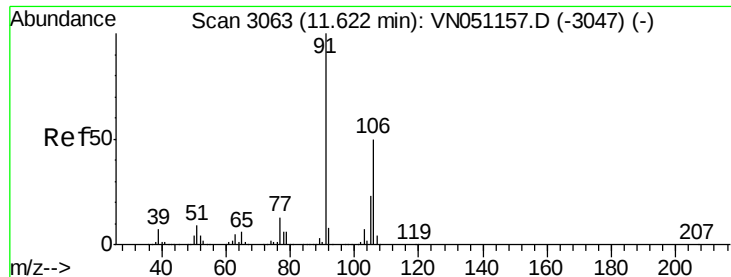


Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

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

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





#68

m/p-Xvlenes

Concen: 1.38 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

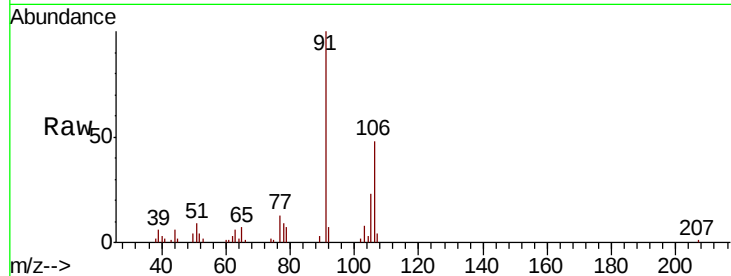
SP-PIT-2

Tot Ion:106 Resp: 15233

Ion Ratio Lower Upper

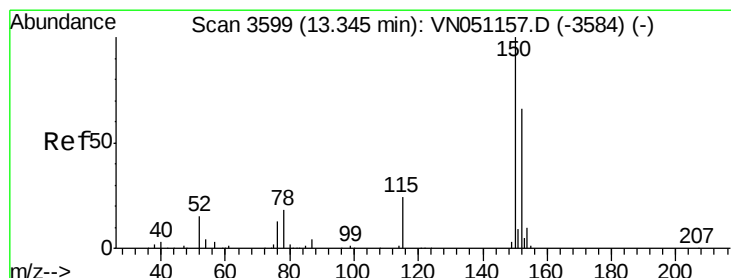
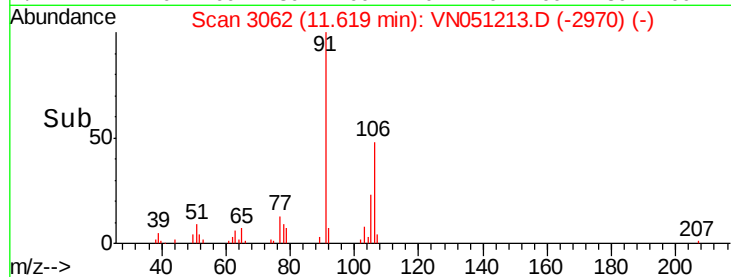
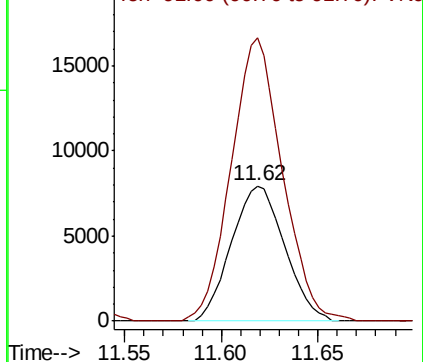
106 100

91 201.3 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

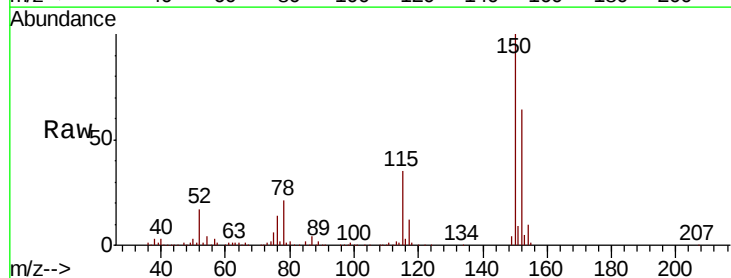
Tgt Ion:152 Resp: 226486

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

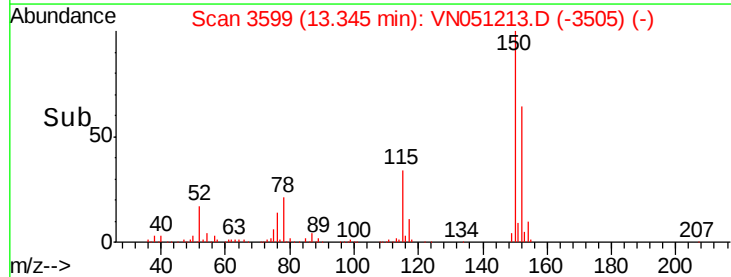
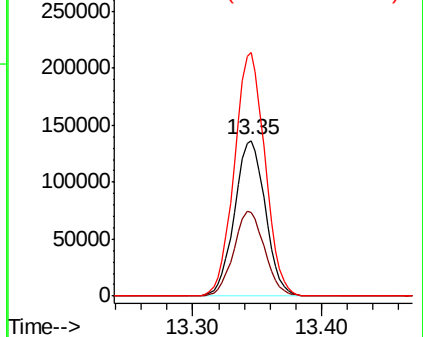
150 155.7 0.0 349.0

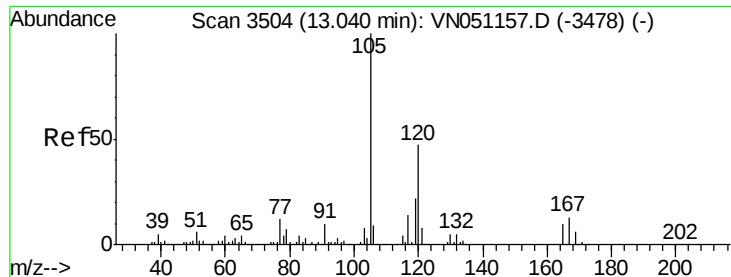


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 2.93 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

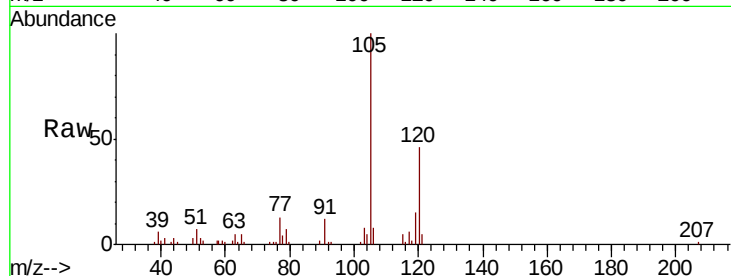
SP-PIT-2

Tot Ion:105 Resp: 44287

Ion Ratio Lower Upper

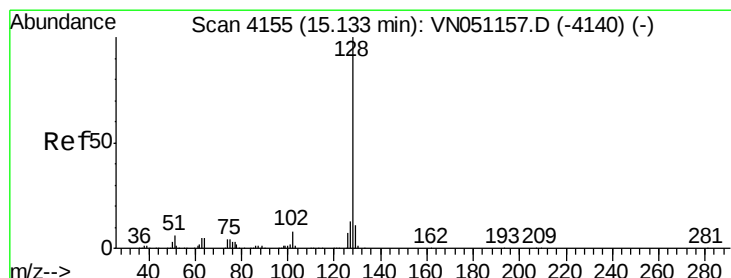
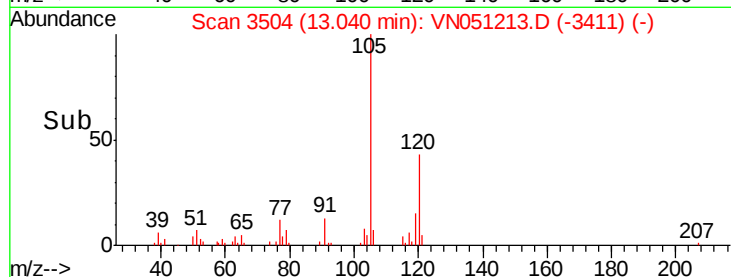
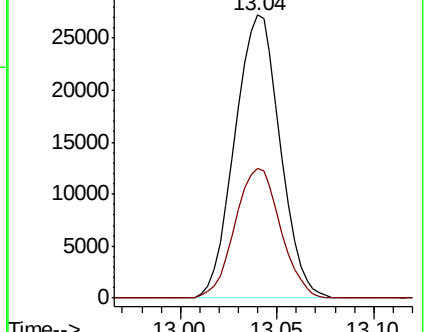
105 100

120 46.1 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: 24.68 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051213.D

Acq: 15 Sep 2018 1:25

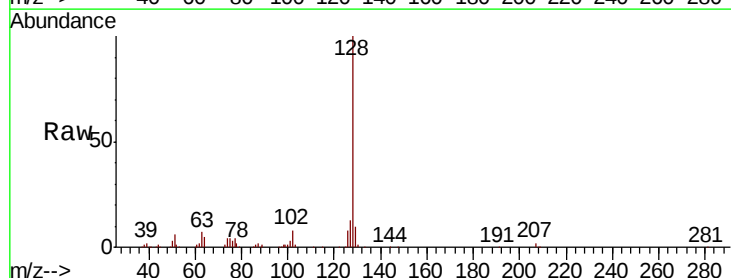
Tgt Ion:128 Resp: 184348

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.8 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

