

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051248.D
 Acq On : 16 Sep 2018 2:33
 Operator : MD\SY
 Sample : J4929-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-11

Quant Time: Sep 17 05:30:47 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	409660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	166708	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	224538	49.25	ug/l	0.00
Spiked Amount						
			Recovery	=	98.50%	
35) Dibromofluoromethane	7.59	113	238493	49.40	ug/l	0.00
Spiked Amount						
			Recovery	=	98.80%	
50) Toluene-d8	10.09	98	829597	45.29	ug/l	0.00
Spiked Amount						
			Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.40	95	222924	36.79	ug/l	0.00
Spiked Amount						
			Recovery	=	73.58%	

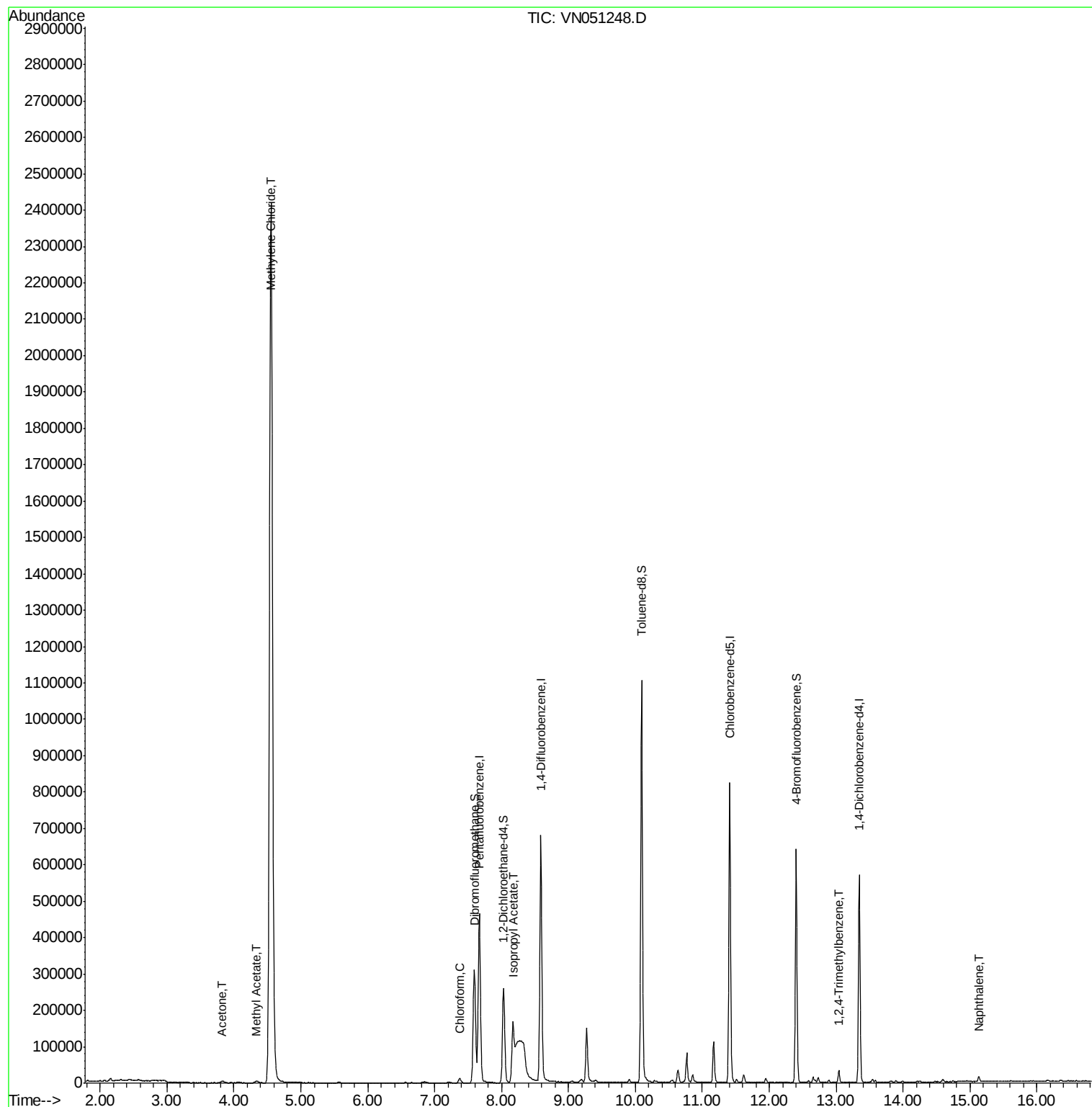
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	9157	2.34	ug/l	98
18) Methyl Acetate	4.33	43	11289	3.09	ug/l	96
20) Methylene Chloride	4.55	84	1991994	395.56	ug/l	99
30) Chloroform	7.37	83	14983	1.80	ug/l	95
43) Isopropyl Acetate	8.17	43	213210	29.58	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.04	105	18910	1.70	ug/l	97
95) Naphthalene	15.13	128	12301	7.09	ug/l	98

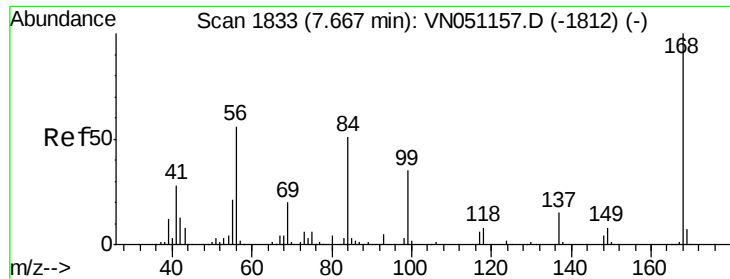
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051248.D

Acq: 16 Sep 2018 2:33

Instrument :

MSVOA_N

ClientSampleId :

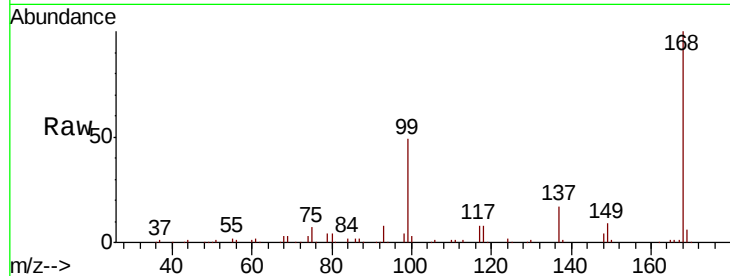
SP-PIT-11

Tot Ion:168 Resp: 409660

Ion Ratio Lower Upper

168 100

99 49.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

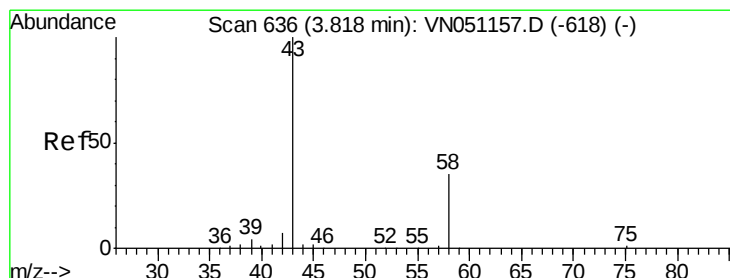
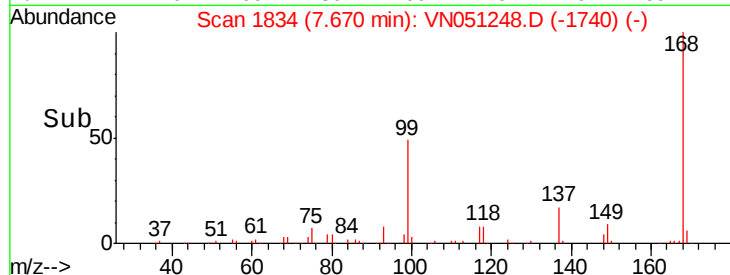
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.34 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051248.D

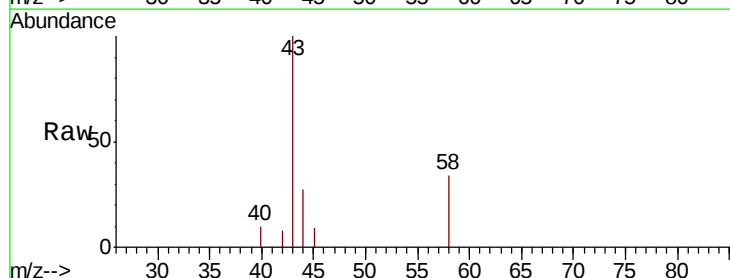
Acq: 16 Sep 2018 2:33

Tgt Ion: 43 Resp: 9157

Ion Ratio Lower Upper

43 100

58 33.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

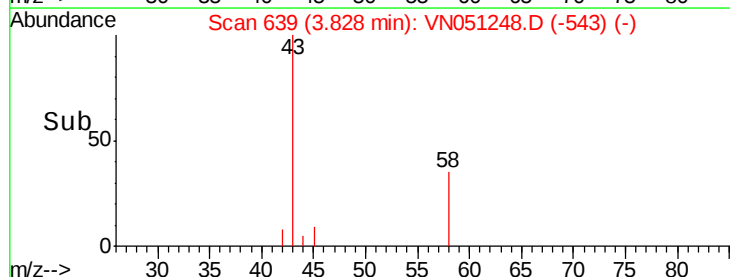
3000

2000

1000

0

Time-->

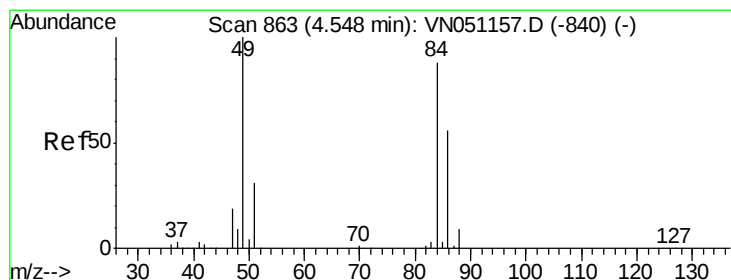
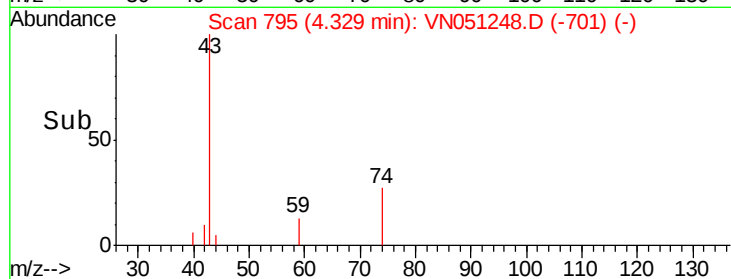
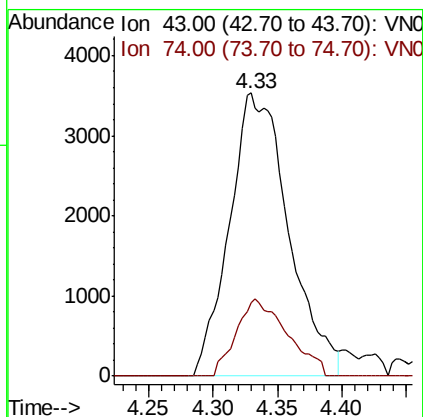
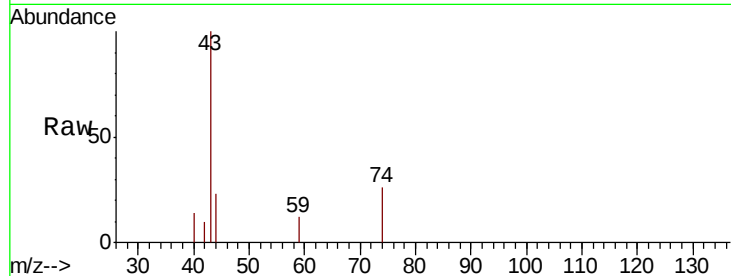




#18
Methyl Acetate
Concen: 3.09 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051248.D
Acq: 16 Sep 2018 2:33

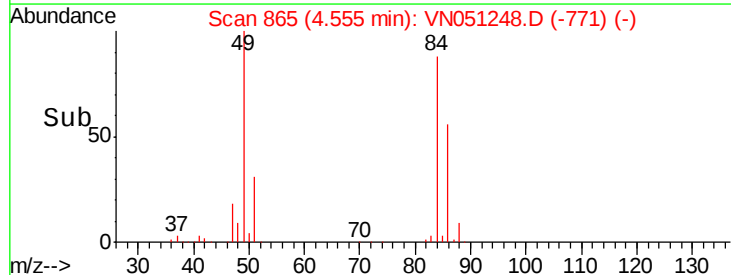
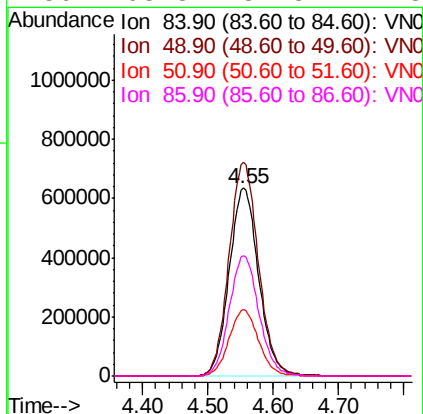
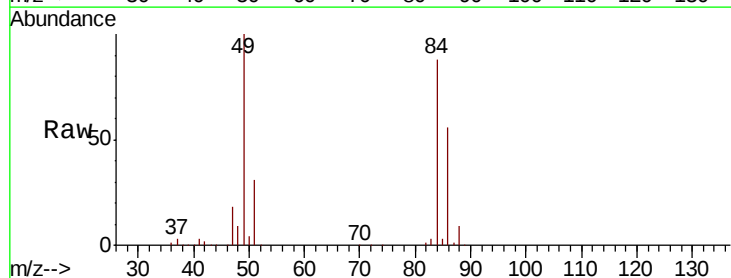
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-11

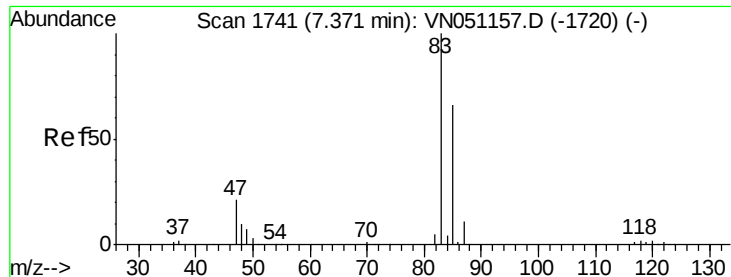
Tot Ion: 43 Resp: 11289
Ion Ratio Lower Upper
43 100
74 23.6 20.7 31.1



#20
Methylene Chloride
Concen: 395.56 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051248.D
Acq: 16 Sep 2018 2:33

Tgt Ion: 84 Resp: 1991994
Ion Ratio Lower Upper
84 100
49 113.6 90.2 135.2
51 35.3 28.4 42.6
86 63.8 51.8 77.8

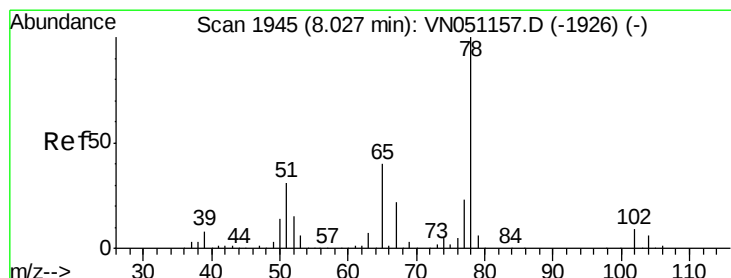
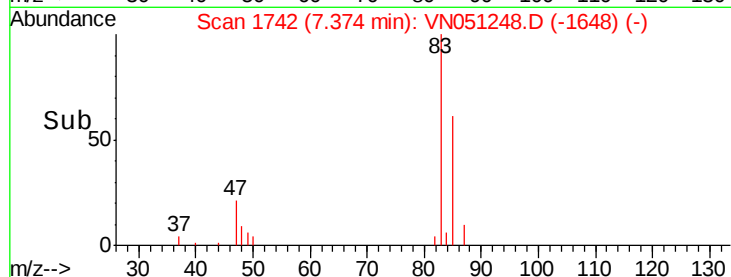
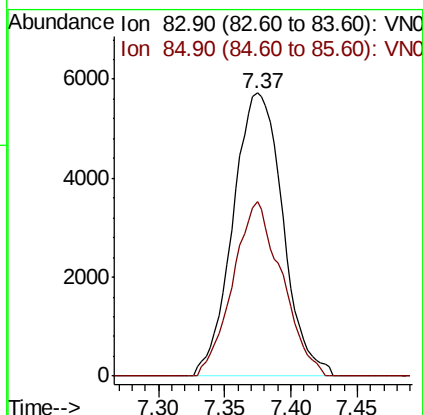
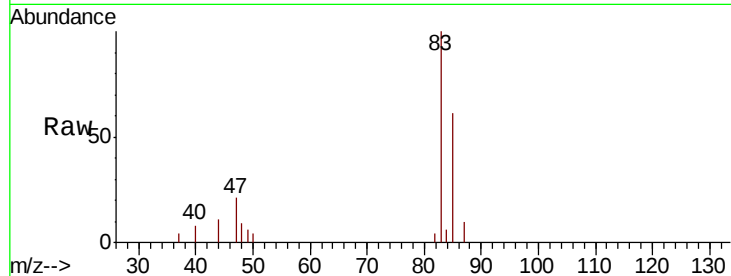




#30
Chloroform
Concen: 1.80 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051248.D
Acq: 16 Sep 2018 2:33

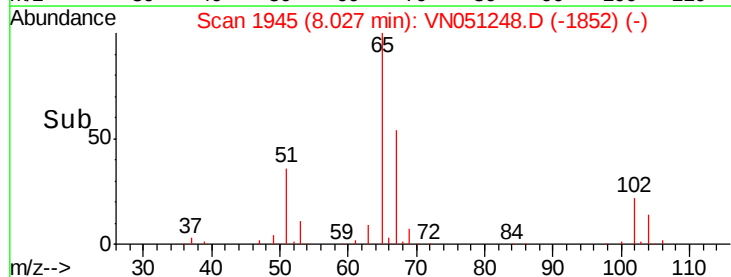
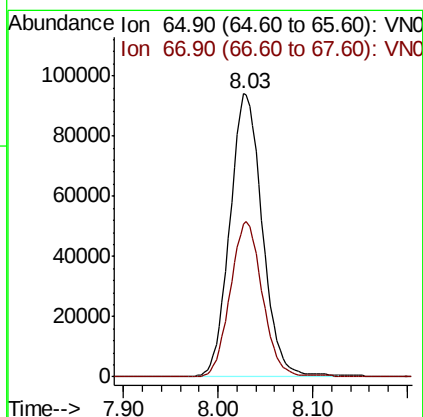
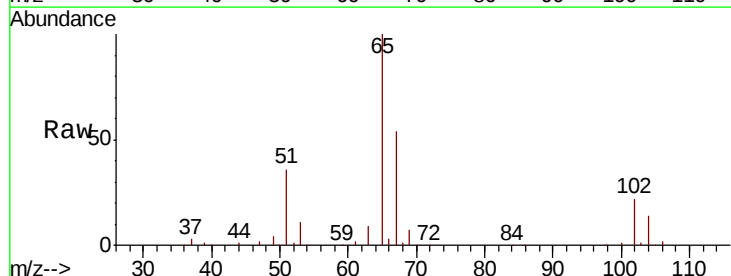
Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-11

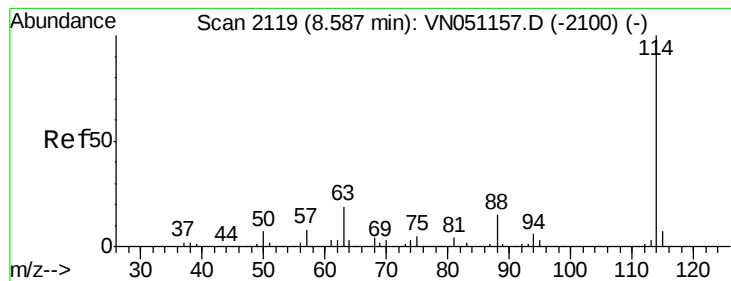
Tot Ion: 83 Resp: 14983
Ion Ratio Lower Upper
83 100
85 61.5 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 49.25 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051248.D
Acq: 16 Sep 2018 2:33

Tgt Ion: 65 Resp: 224538
Ion Ratio Lower Upper
65 100
67 54.1 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: VN051248.D

Acq: 16 Sep 2018 2:33

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-11

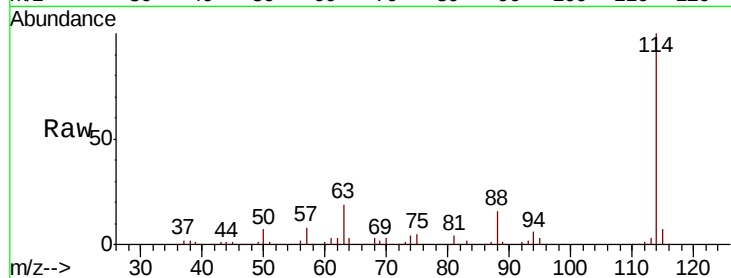
Tot Ion:114 Resp: 642439

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

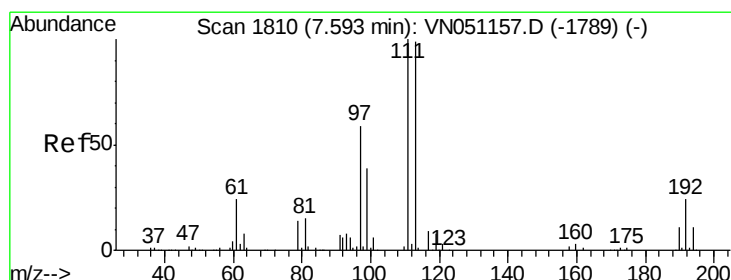
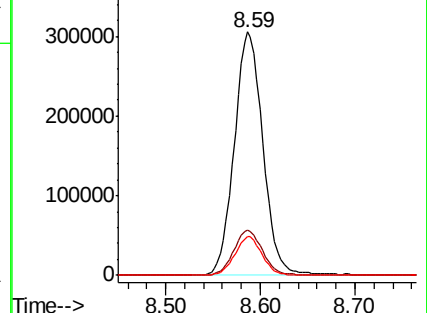
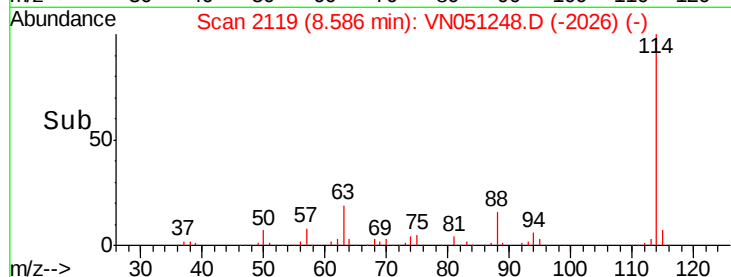
88 16.1 0.0 30.8



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: 49.40 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051248.D

Acq: 16 Sep 2018 2:33

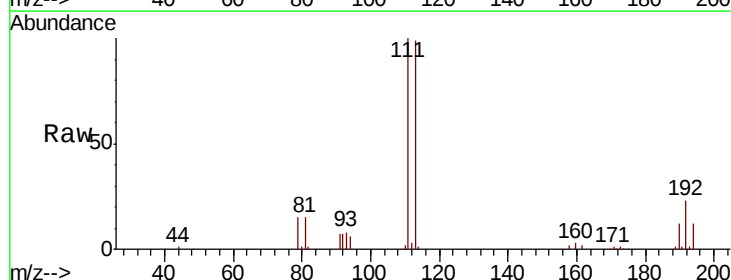
Tgt Ion:113 Resp: 238493

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

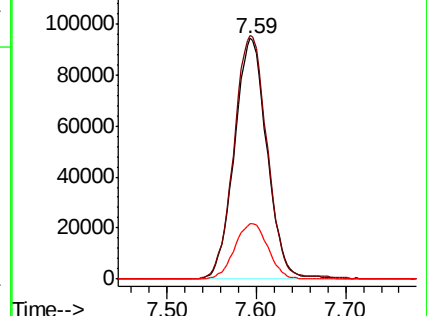
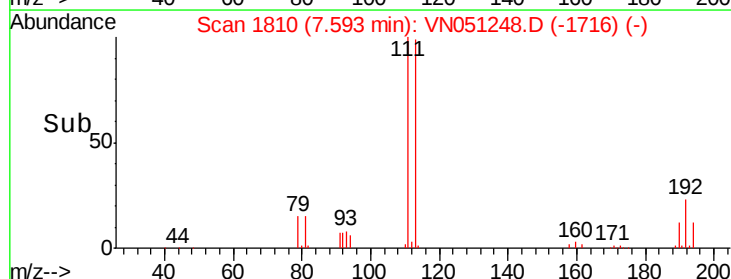
192 23.5 18.7 28.1

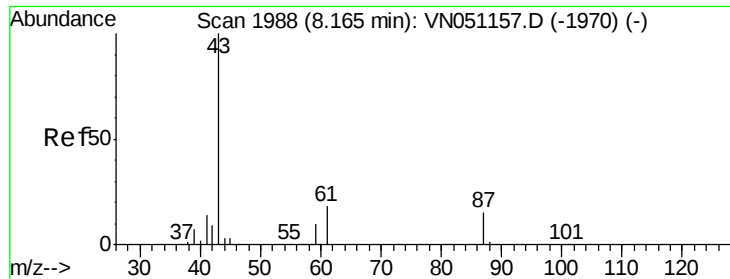


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 29.58 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051248.D

Acq: 16 Sep 2018 2:33

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-11

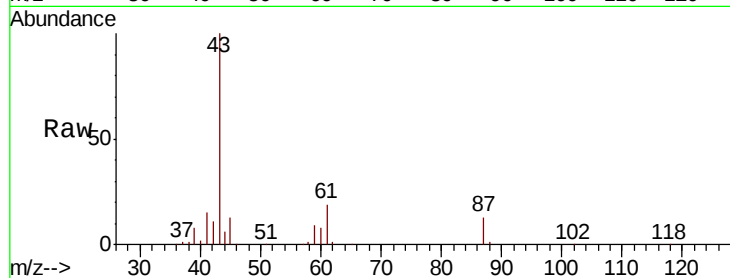
Tot Ion: 43 Resp: 213210

Ion Ratio Lower Upper

43 100

61 17.0 25.0 37.6#

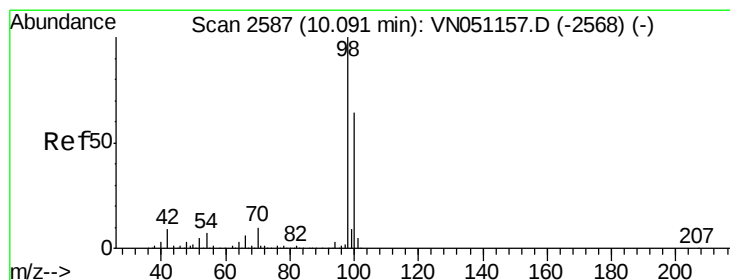
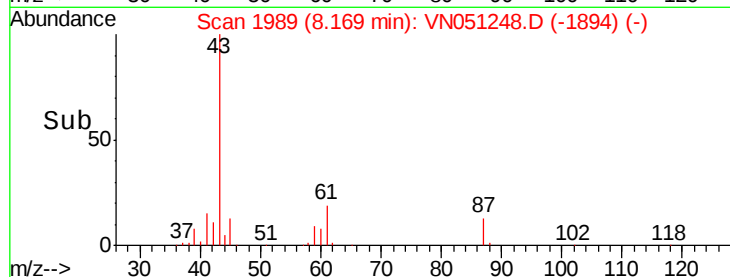
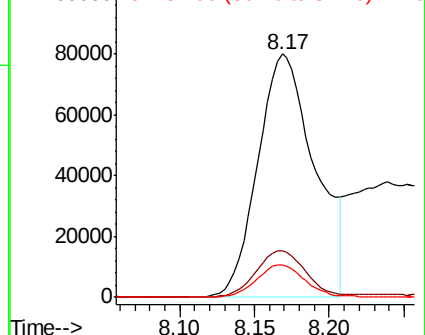
87 11.3 11.8 17.8#



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: 45.29 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051248.D

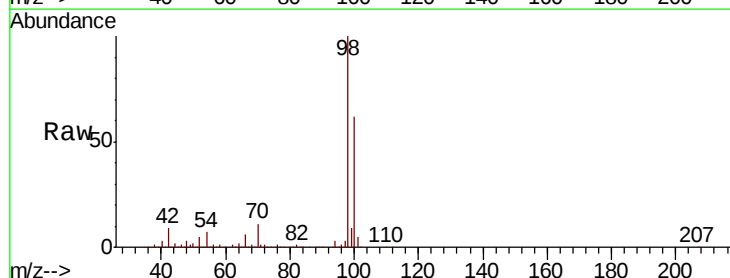
Acq: 16 Sep 2018 2:33

Tgt Ion: 98 Resp: 829597

Ion Ratio Lower Upper

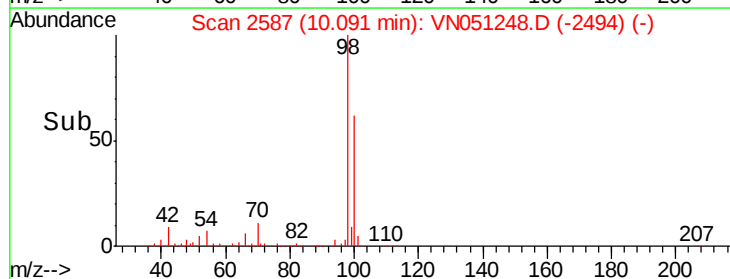
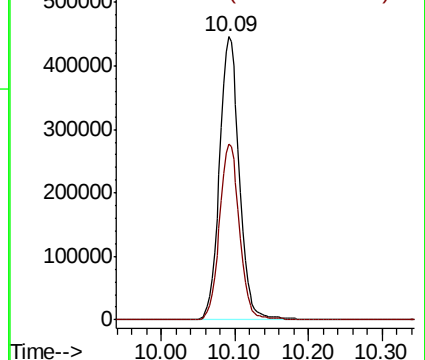
98 100

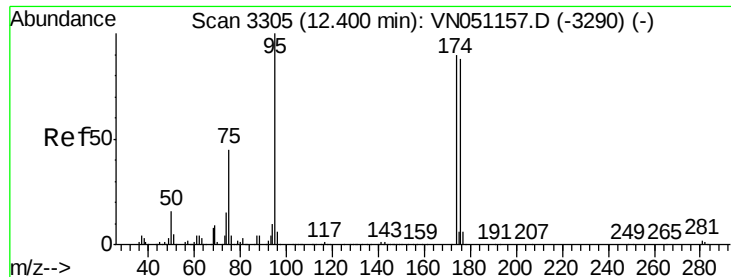
100 62.9 52.0 78.0



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: 36.79 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051248.D

Acq: 16 Sep 2018 2:33

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-11

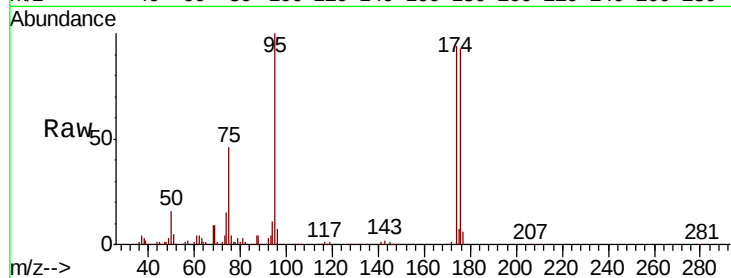
Tot Ion: 95 Resp: 222924

Ion Ratio Lower Upper

95 100

174 94.1 0.0 184.8

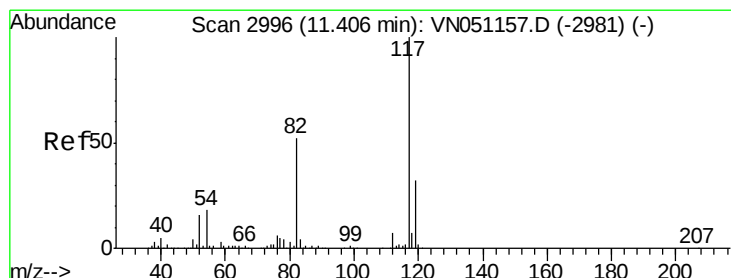
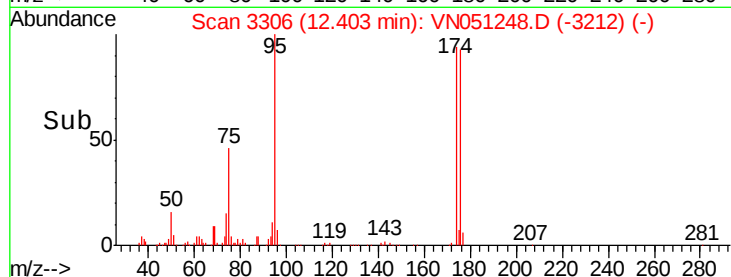
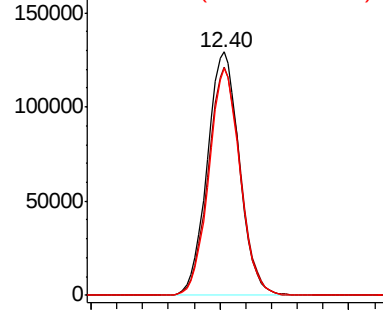
176 90.3 0.0 178.6



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: VN051248.D

Acq: 16 Sep 2018 2:33

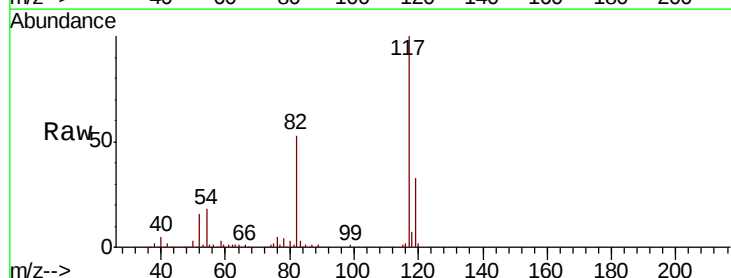
Tgt Ion: 117 Resp: 532836

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

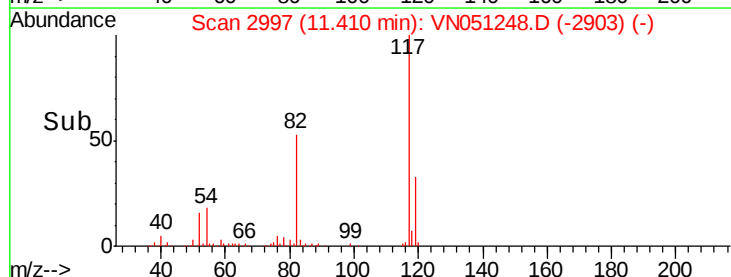
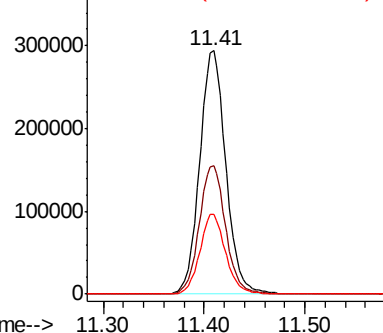
119 32.7 26.2 39.2

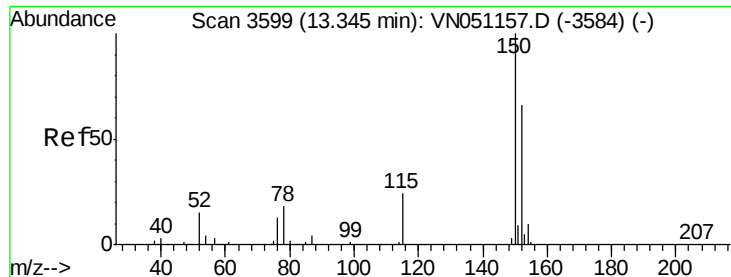


Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051248.D

Acq: 16 Sep 2018 2:33

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-11

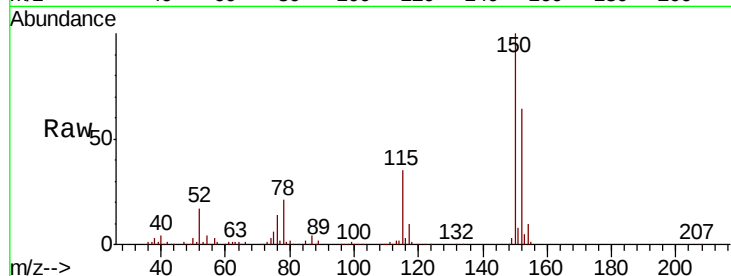
Tot Ion:152 Resp: 166708

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

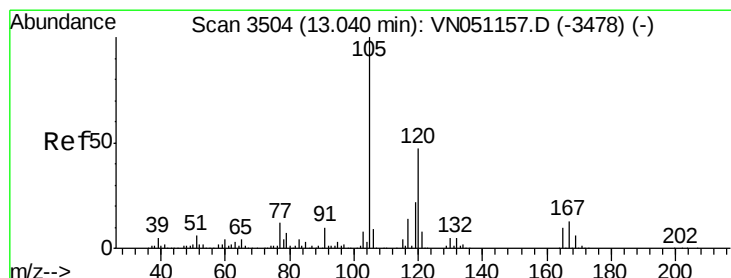
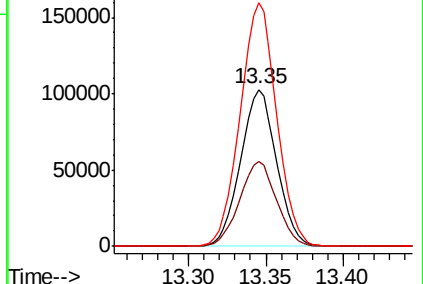
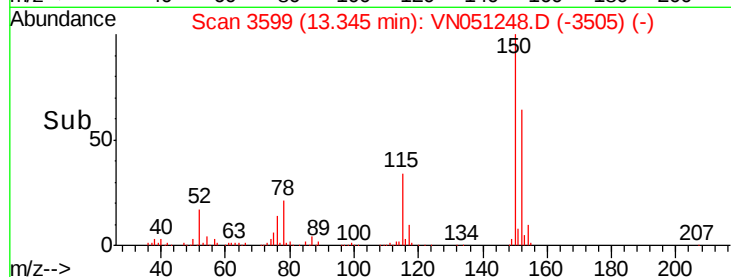
150 157.0 0.0 349.0



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: 1.70 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN051248.D

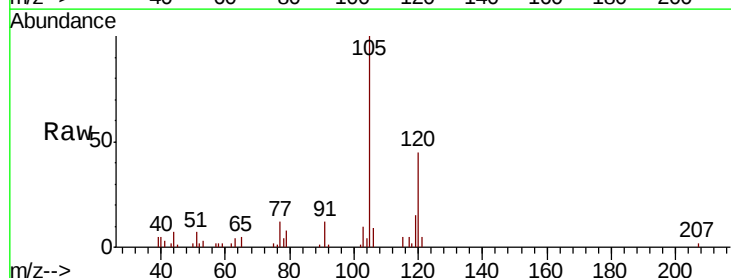
Acq: 16 Sep 2018 2:33

Tgt Ion:105 Resp: 18910

Ion Ratio Lower Upper

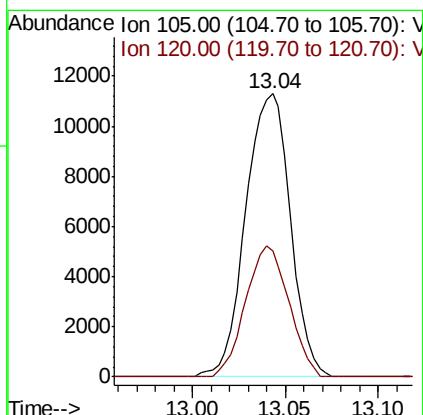
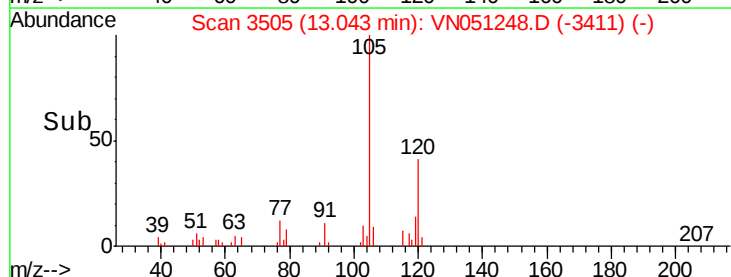
105 100

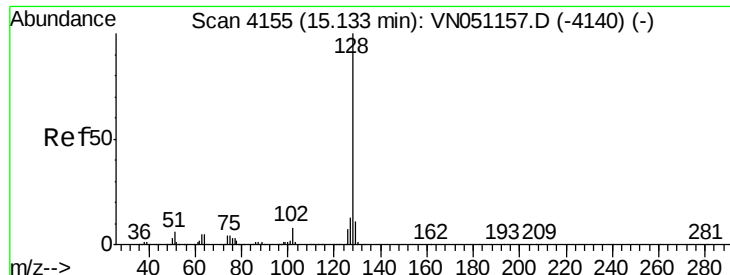
120 44.8 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 7.09 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051248.D

Acq: 16 Sep 2018 2:33

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-11

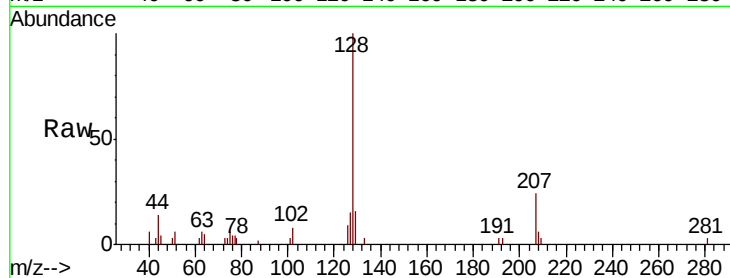
Tot Ion:128 Resp: 12301

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.9 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

