

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049368.D
 Acq On : 19 Jun 2018 2:49
 Operator : MD\SY
 Sample : J3538-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-T-5-STONE

Quant Time: Jun 19 04:31:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

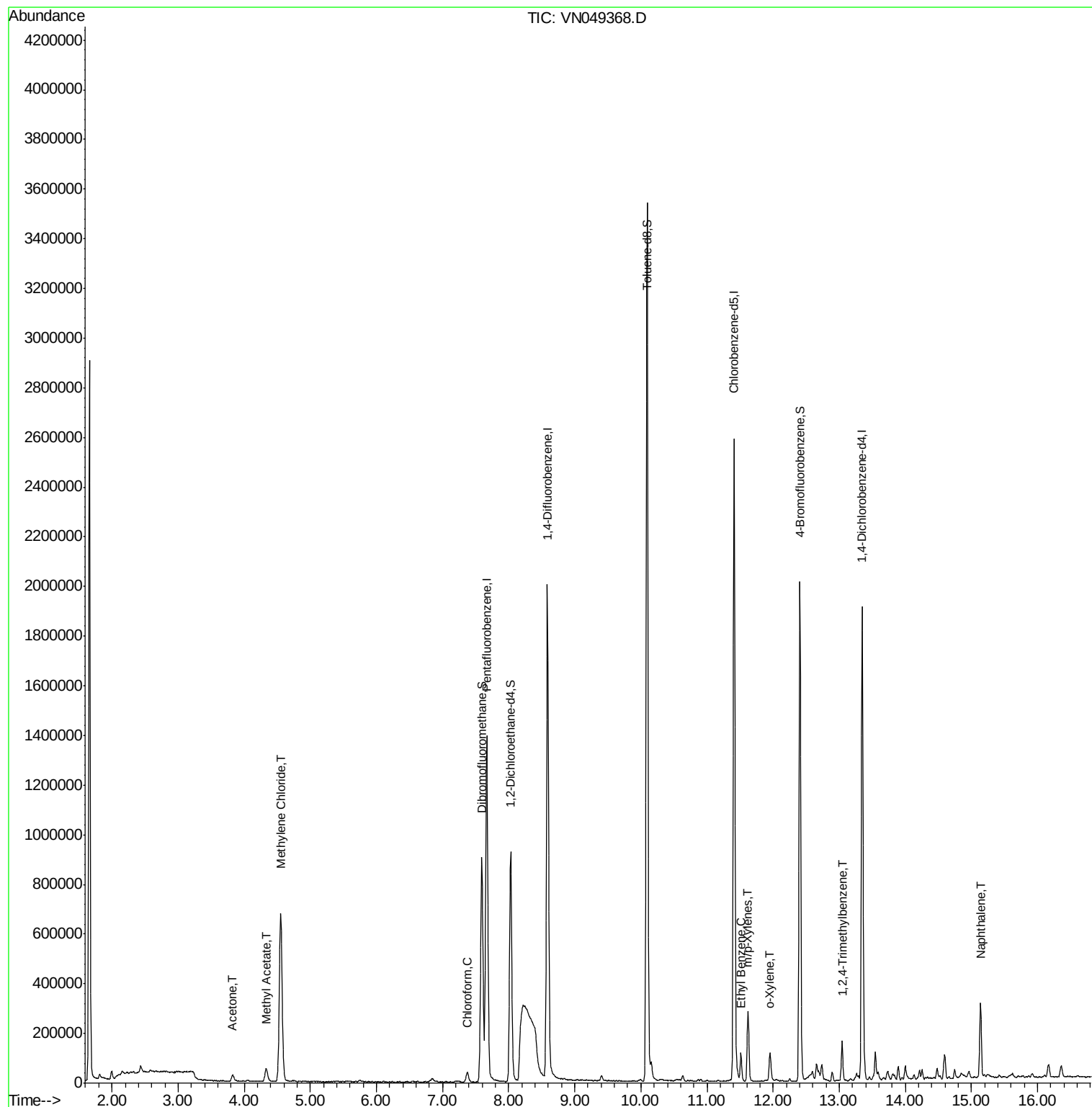
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1189747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1892155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1572564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	550917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	792457	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	693389	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
50) Toluene-d8	10.09	98	2587569	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	12.41	95	714948	37.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.20%	
Target Compounds						
16) Acetone	3.82	43	41654	10.872	ug/l	95
18) Methyl Acetate	4.33	43	103904	8.894	ug/l	94
20) Methylene Chloride	4.55	84	519268	32.450	ug/l	91
30) Chloroform	7.37	83	39863	1.455	ug/l	94
67) Ethyl Benzene	11.51	91	80845	1.203	ug/l	94
68) m/p-Xylenes	11.62	106	90672	3.596	ug/l	96
69) o-Xylene	11.95	106	27019	1.112	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	88772	2.350	ug/l	97
95) Naphthalene	15.14	128	265883	18.674	ug/l	100

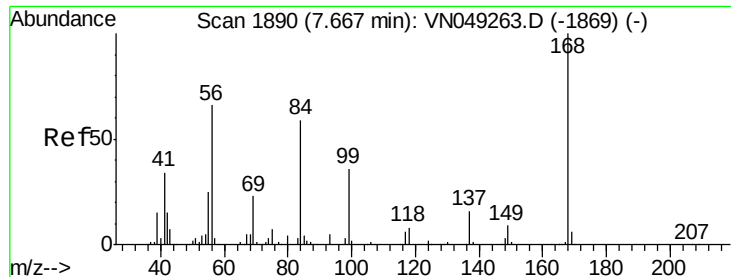
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049368.D

Acq: 19 Jun 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

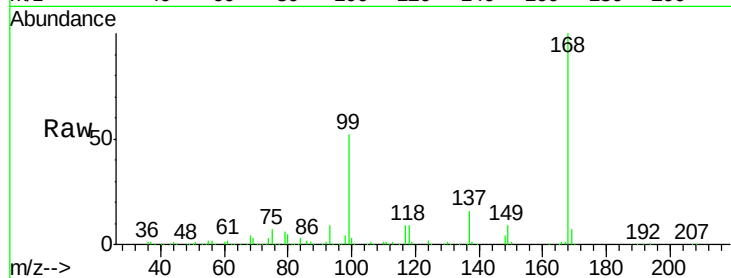
SS-T-5-STONE

Tot Ion:168 Resp: 1189747

Ion Ratio Lower Upper

168 100

99 52.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

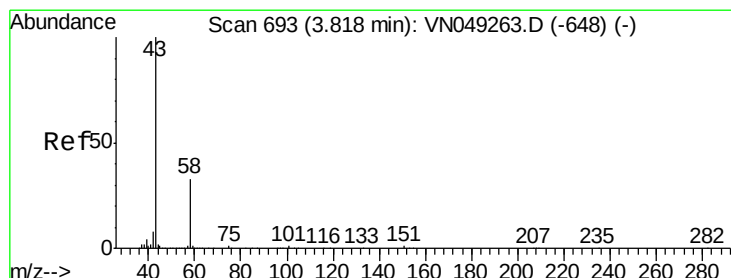
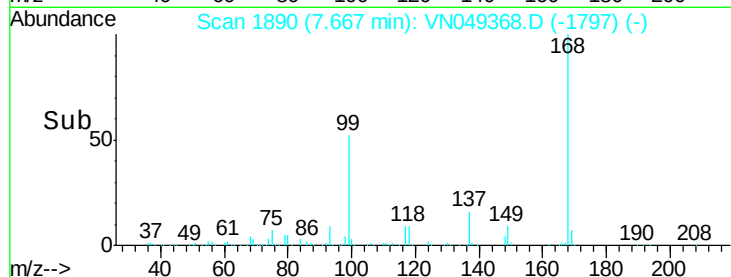
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 10.872 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049368.D

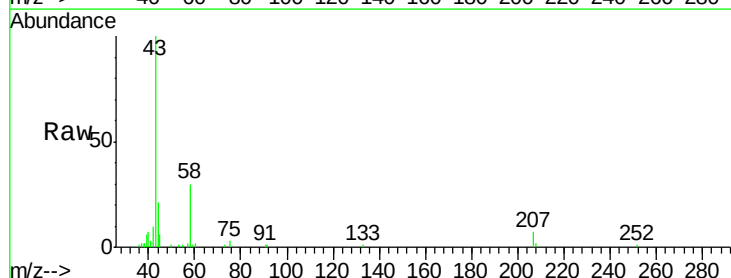
Acq: 19 Jun 2018 2:49

Tgt Ion: 43 Resp: 41654

Ion Ratio Lower Upper

43 100

58 30.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

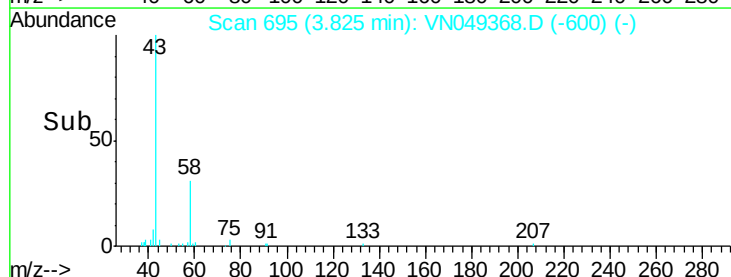
15000

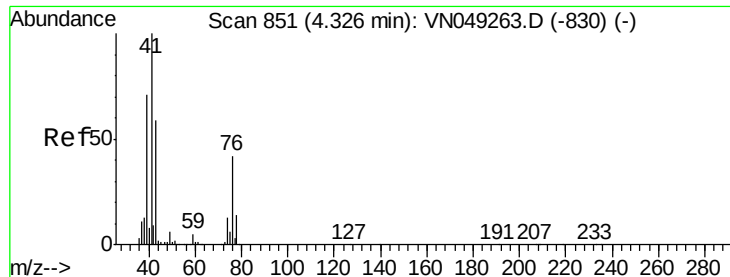
10000

5000

0

Time--> 3.70 3.80 3.90





#18

Methvl Acetate

Concen: 8.894 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049368.D

Acq: 19 Jun 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

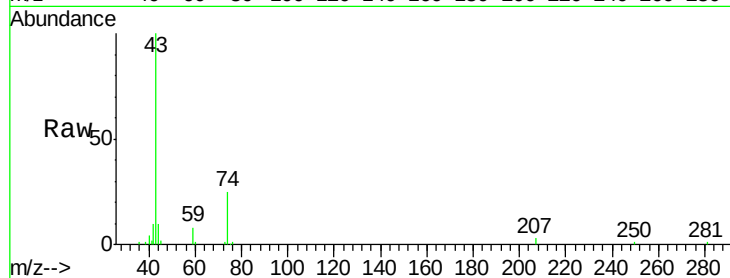
SS-T-5-STONE

Tot Ion: 43 Resp: 103904

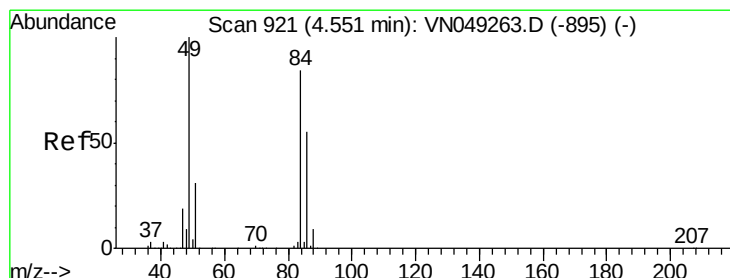
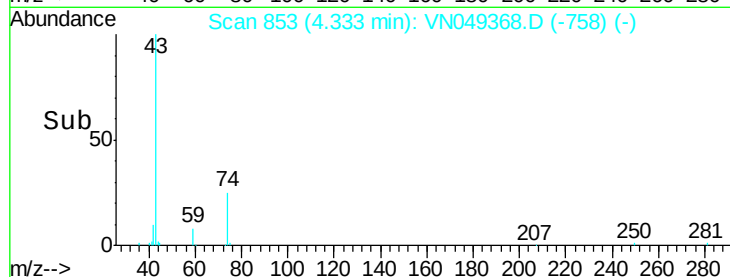
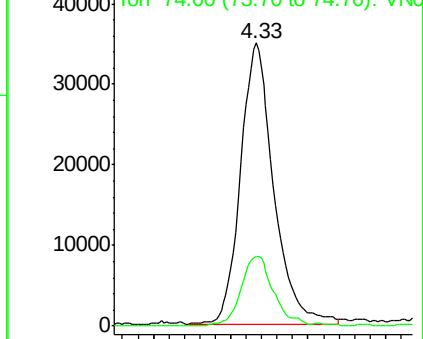
Ion Ratio Lower Upper

43 100

74 24.5 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049368.D (-830) (-)



#20

Methylene Chloride

Concen: 32.450 ug/l

RT: 4.55 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN049368.D

Acq: 19 Jun 2018 2:49

Tgt Ion: 84 Resp: 519268

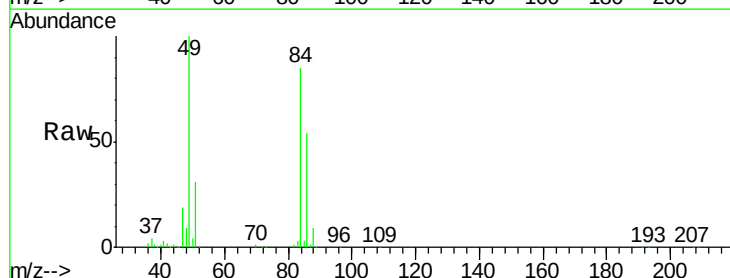
Ion Ratio Lower Upper

84 100

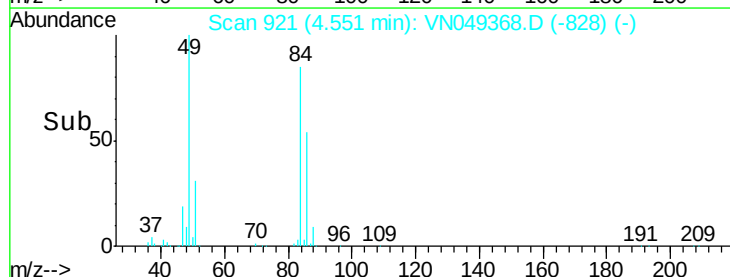
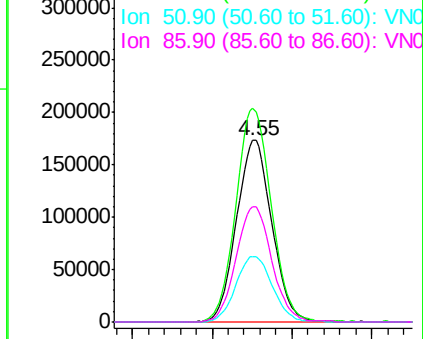
49 117.6 106.9 160.3

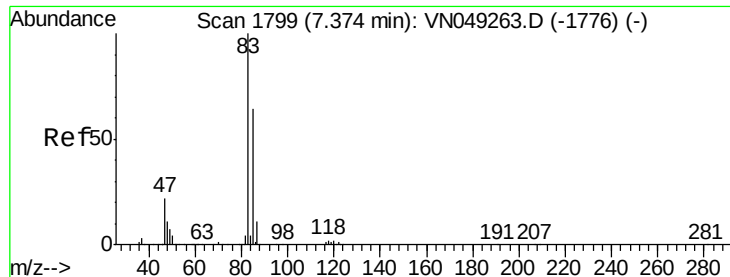
51 36.1 32.7 49.1

86 63.6 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN049368.D (-895) (-)





#30

Chloroform

Concen: 1.455 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN049368.D

Acq: 19 Jun 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

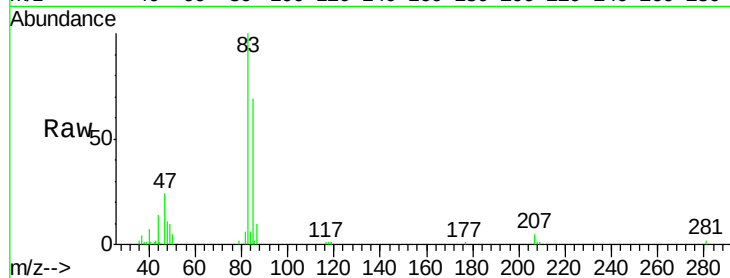
SS-T-5-STONE

Tot Ion: 83 Resp: 39863

Ion Ratio Lower Upper

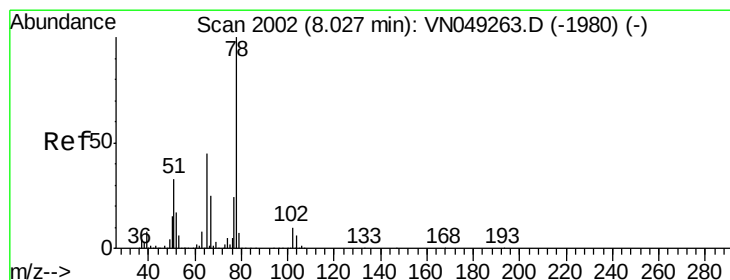
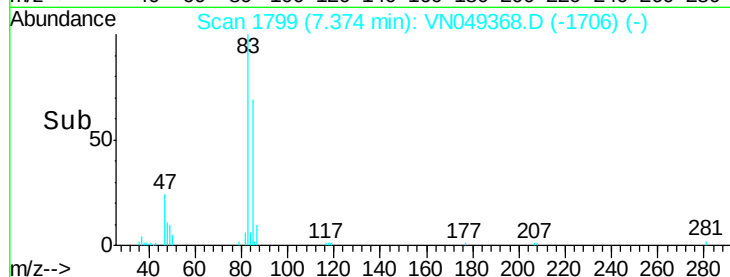
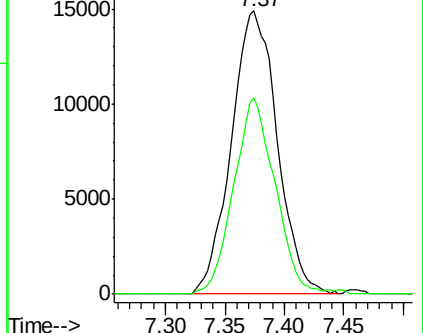
83 100

85 69.2 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049263.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN049263.D (-1776) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.219 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049368.D

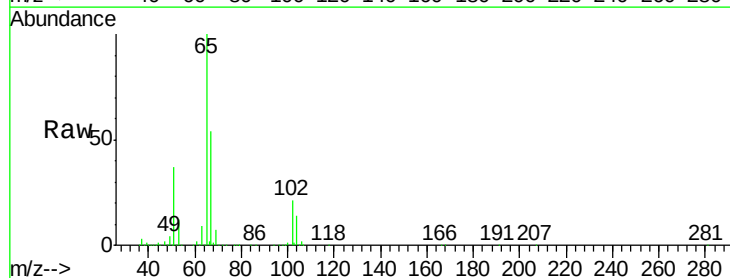
Acq: 19 Jun 2018 2:49

Tgt Ion: 65 Resp: 792457

Ion Ratio Lower Upper

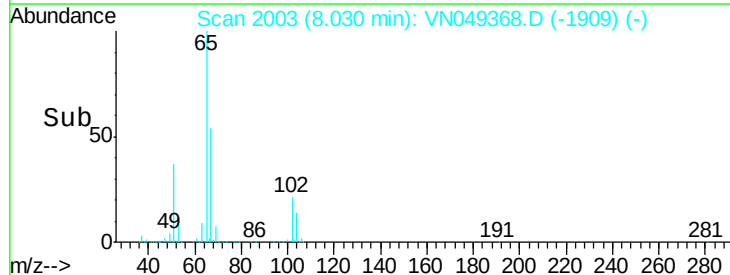
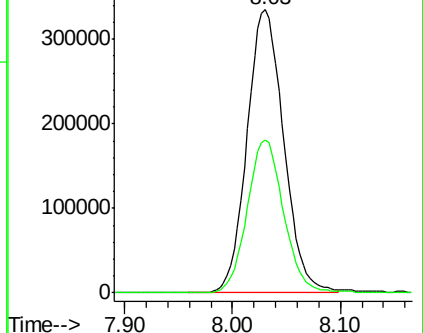
65 100

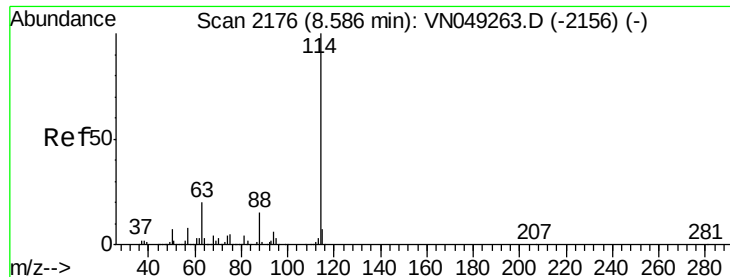
67 53.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049263.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049263.D (-1980) (-)

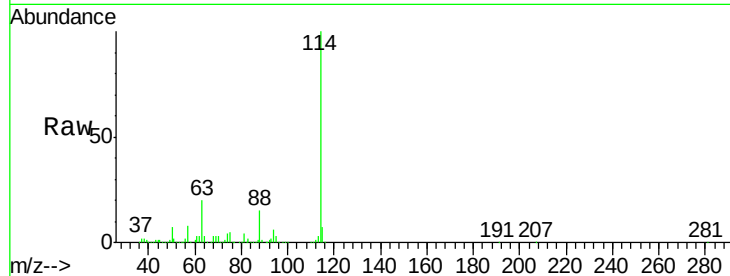




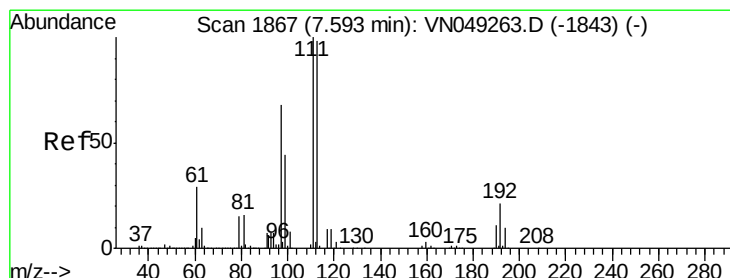
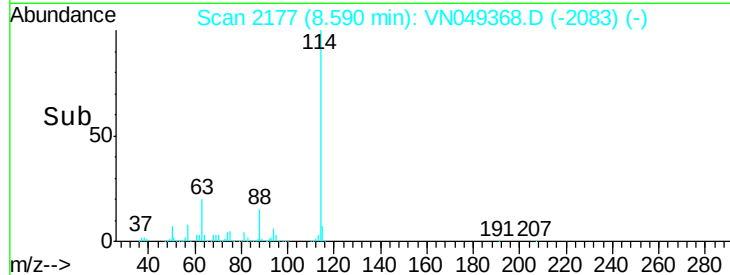
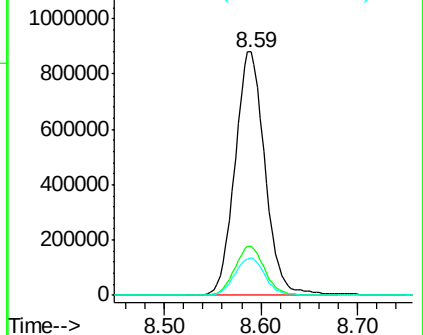
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049368.D
 Acq: 19 Jun 2018 2:49

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-T-5-STONE

Tot Ion:114 Resp: 1892155
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.2 0.0 31.4

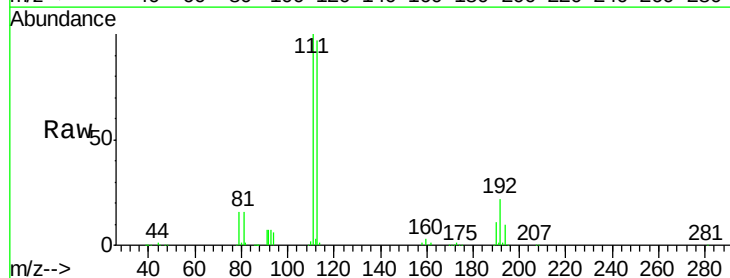


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

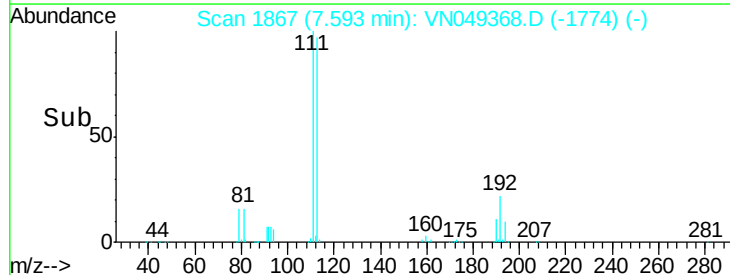
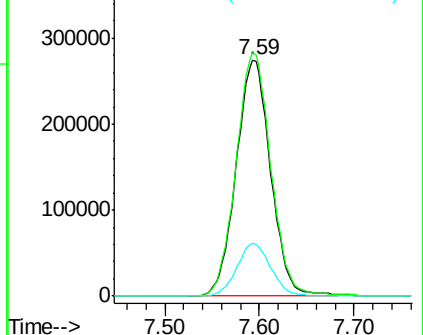


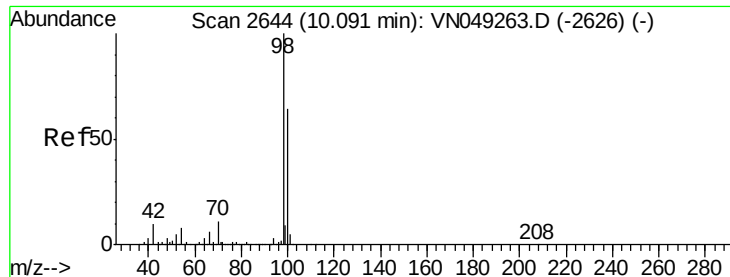
#35
 Dibromofluoromethane
 Concen: 45.295 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049368.D
 Acq: 19 Jun 2018 2:49

Tgt Ion:113 Resp: 693389
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.4 123.6
 192 22.1 15.0 22.6



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





#50

Toluene-d8

Concen: 44.392 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049368.D

Acq: 19 Jun 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

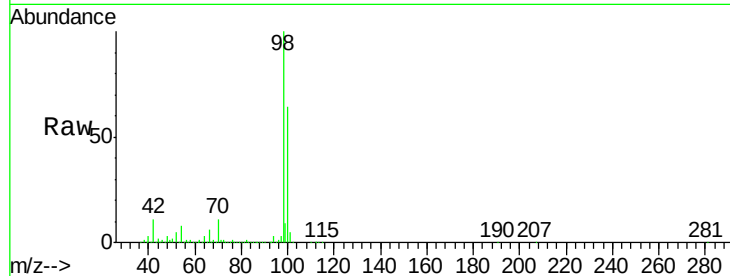
SS-T-5-STONE

Tot Ion: 98 Resp: 2587569

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

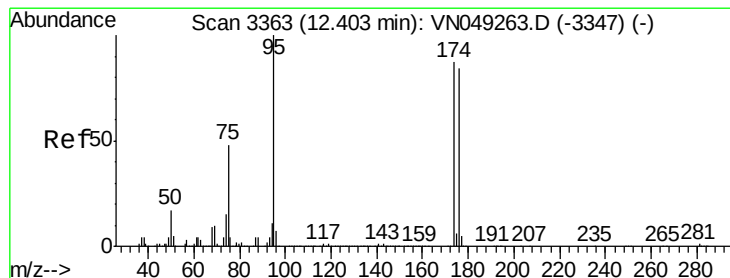
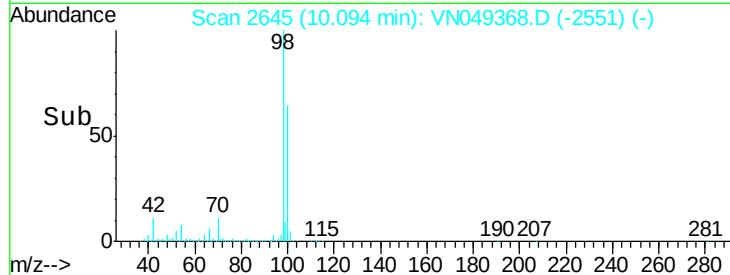
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.095 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049368.D

Acq: 19 Jun 2018 2:49

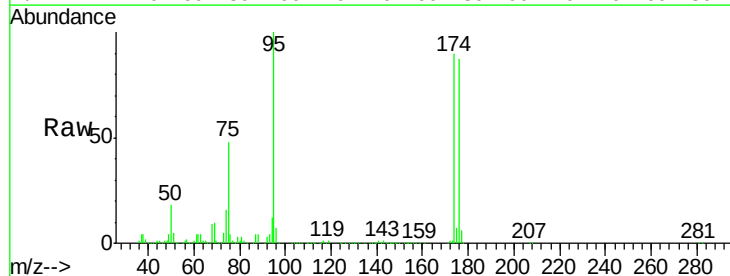
Tgt Ion: 95 Resp: 714948

Ion Ratio Lower Upper

95 100

174 89.3 0.0 165.6

176 85.4 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

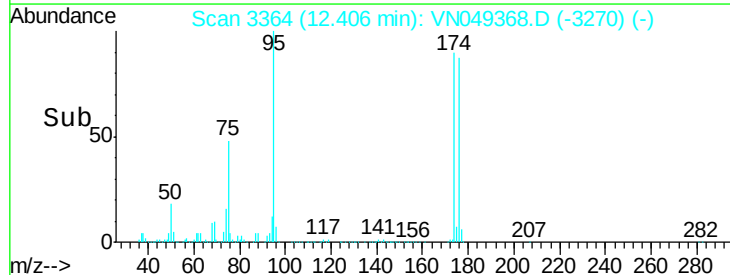
300000

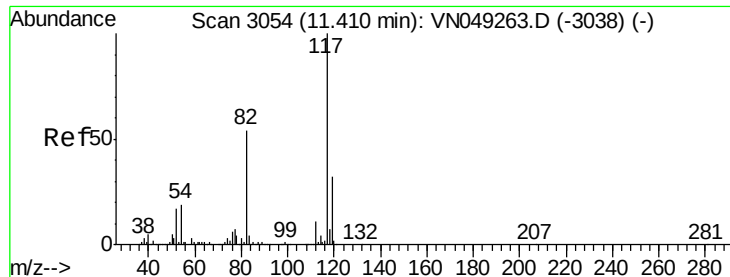
200000

100000

0

Time-->

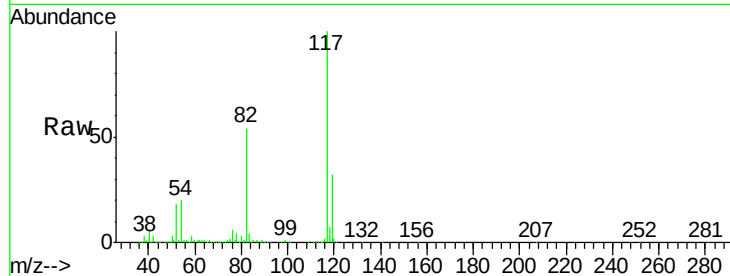




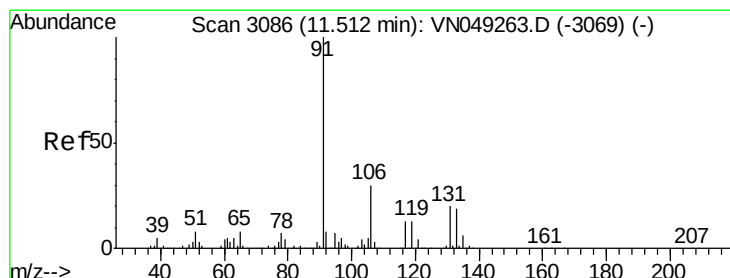
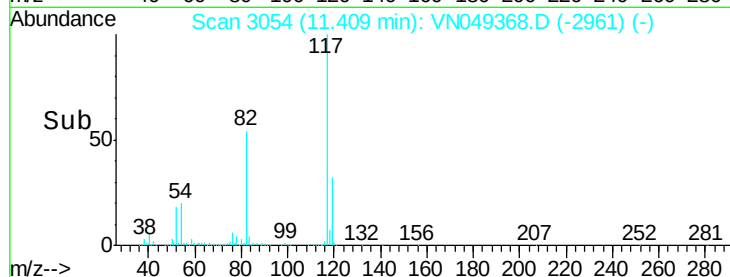
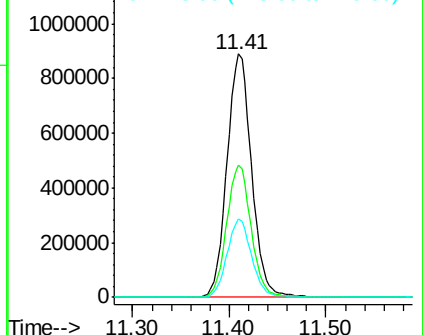
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049368.D
Acq: 19 Jun 2018 2:49

Instrument :
MSVOA_N
ClientSampleId :
SS-T-5-STONE

Tot Ion:117 Resp: 1572564
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.0 25.5 38.3

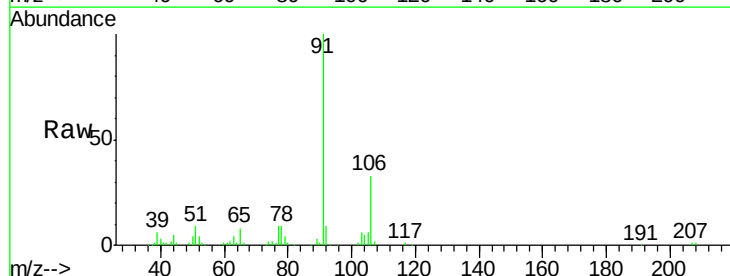


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

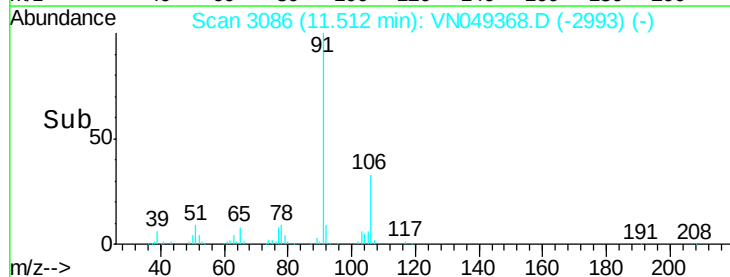
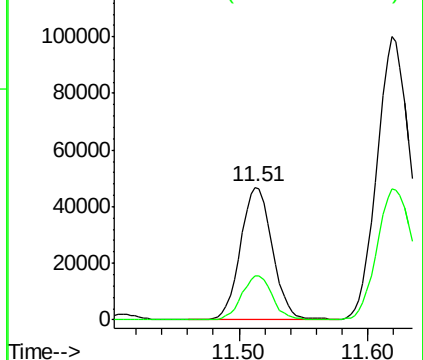


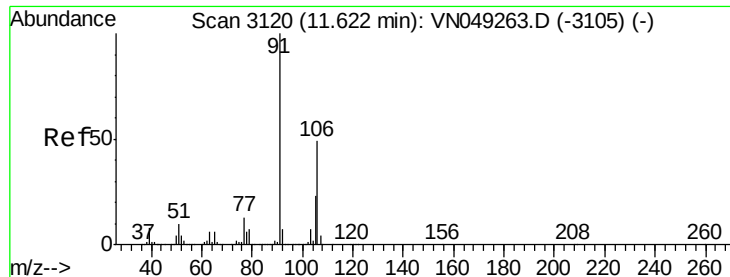
#67
Ethyl Benzene
Concen: 1.203 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049368.D
Acq: 19 Jun 2018 2:49

Tgt Ion: 91 Resp: 80845
Ion Ratio Lower Upper
91 100
106 33.4 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

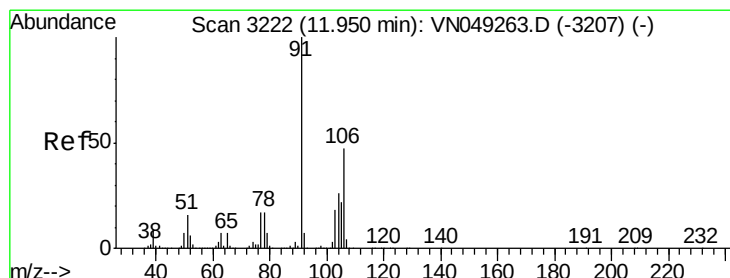
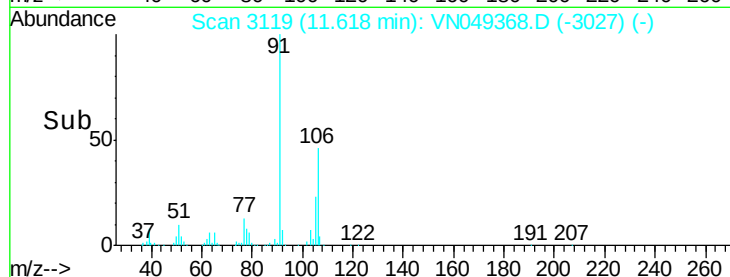
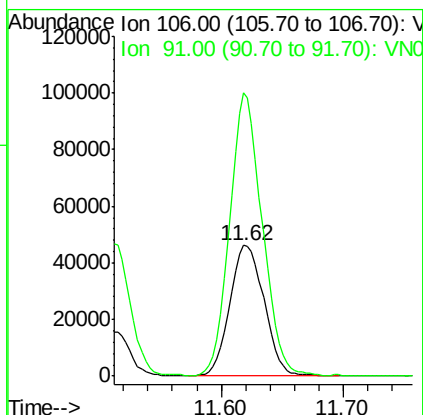
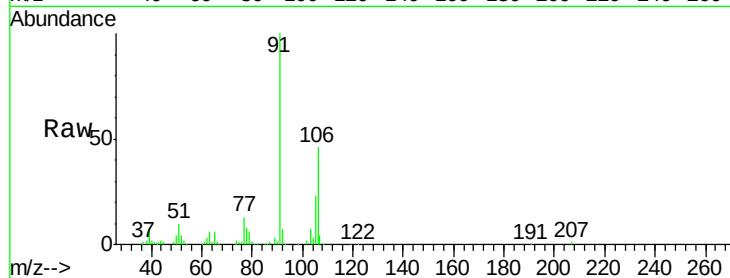




#68
m/p-Xylenes
Concen: 3.596 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049368.D
Acq: 19 Jun 2018 2:49

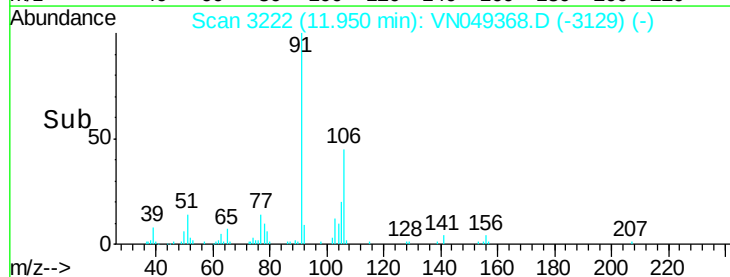
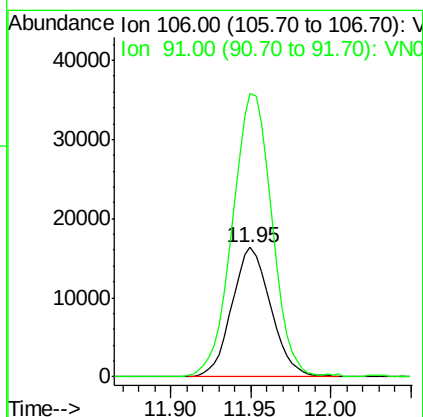
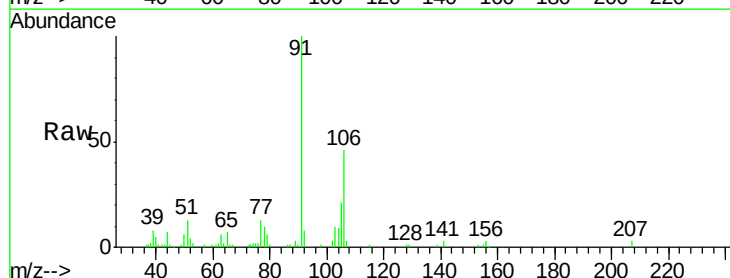
Instrument :
MSVOA_N
ClientSampleId :
SS-T-5-STONE

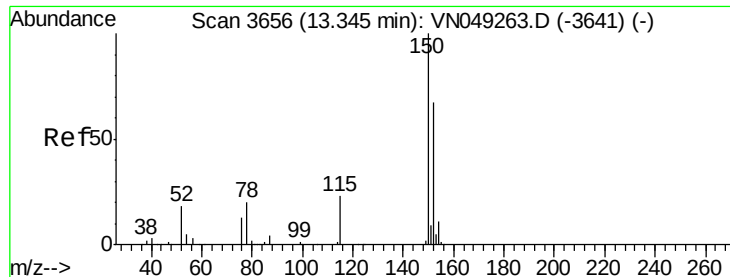
Tot Ion:106 Resp: 90672
Ion Ratio Lower Upper
106 100
91 203.6 167.3 250.9



#69
o-Xylene
Concen: 1.112 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049368.D
Acq: 19 Jun 2018 2:49

Tgt Ion:106 Resp: 27019
Ion Ratio Lower Upper
106 100
91 222.1 111.0 333.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049368.D

Acq: 19 Jun 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

SS-T-5-STONE

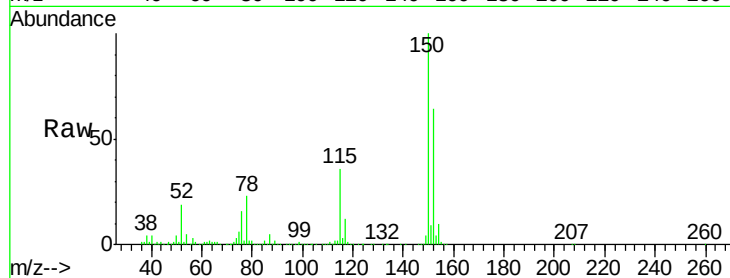
Tot Ion:152 Resp: 550917

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.1

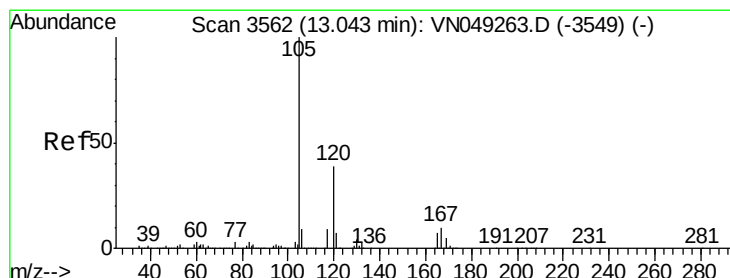
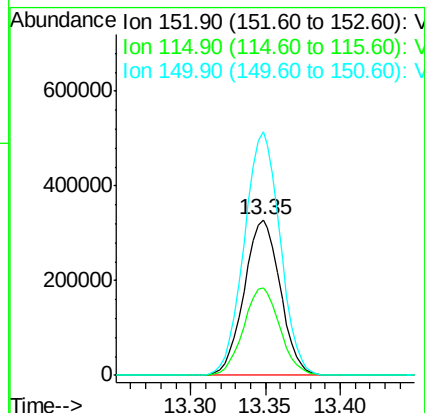
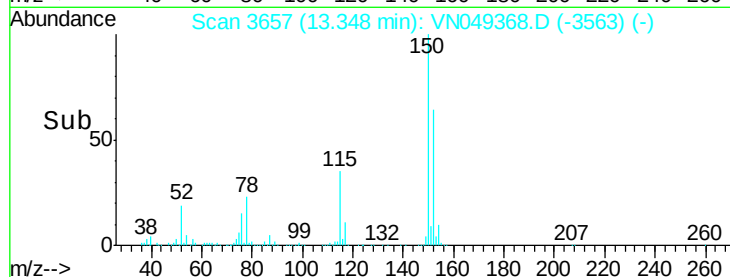
150 156.0 0.0 351.0



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: 2.350 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049368.D

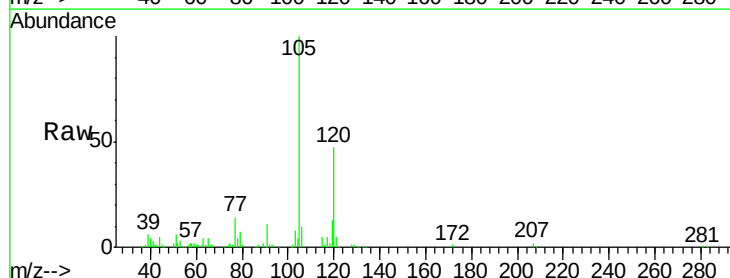
Acq: 19 Jun 2018 2:49

Tgt Ion:105 Resp: 88772

Ion Ratio Lower Upper

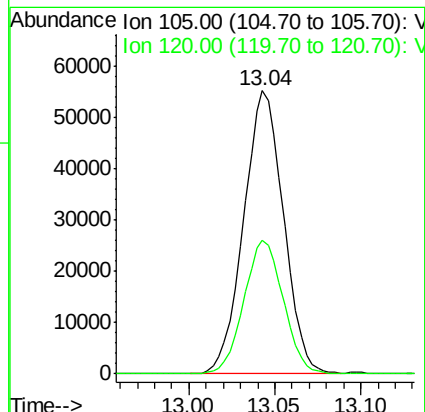
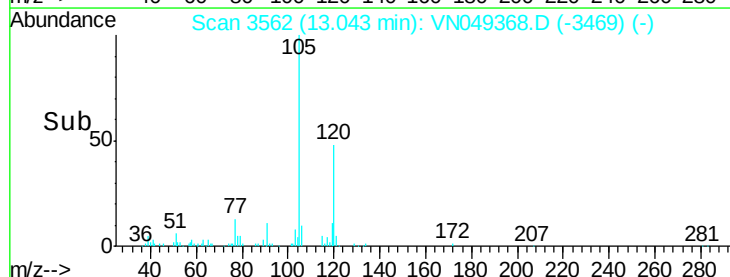
105 100

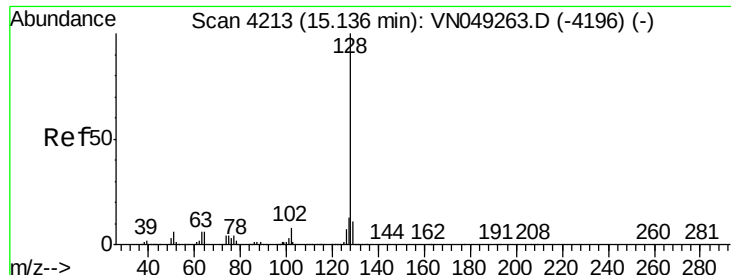
120 46.5 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 18.674 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049368.D
Acq: 19 Jun 2018 2:49

Instrument :
MSVOA_N
ClientSampleId :
SS-T-5-STONE

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.8	8.5	12.7

