

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049550.D
 Acq On : 26 Jun 2018 14:14
 Operator : MD\SY
 Sample : J3684-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Quant Time: Jun 27 01:19:51 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	1403097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2246024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1890550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	830283	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	898523	48.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.56%	
35) Dibromofluoromethane	7.59	113	802483	44.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.32%	
50) Toluene-d8	10.09	98	3059402	44.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	12.40	95	933591	40.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.62%	

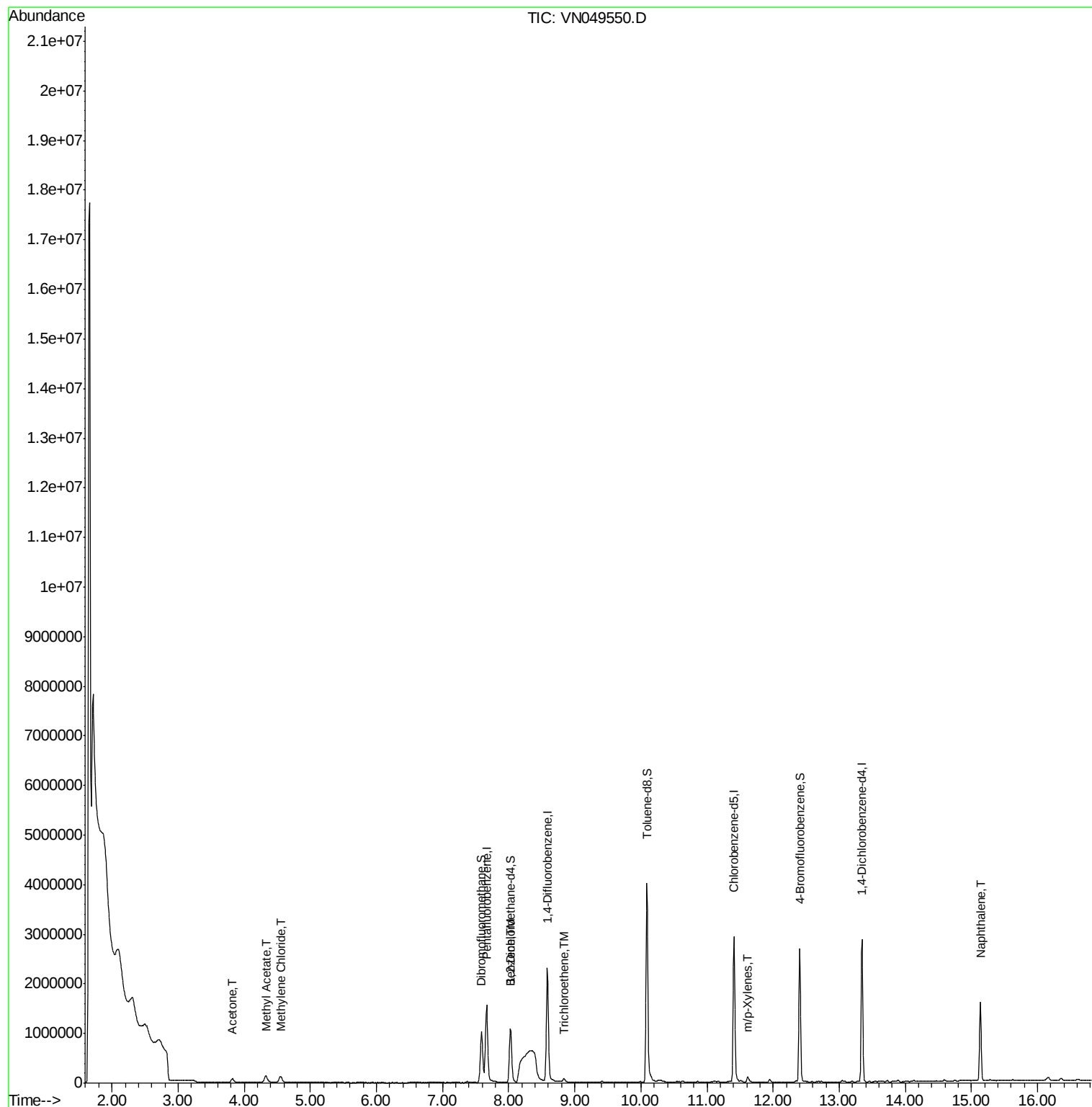
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	148992	32.97	ug/l	93
18) Methyl Acetate	4.33	43	263482	19.12	ug/l	96
20) Methylene Chloride	4.55	84	91453	4.85	ug/l	90
40) Benzene	8.04	78	130547	1.65	ug/l	99
44) Trichloroethene	8.83	130	24232	1.16	ug/l	96
68) m/p-Xylenes	11.62	106	32364	1.07	ug/l	97
95) Naphthalene	15.14	128	1353582	53.03	ug/l	99

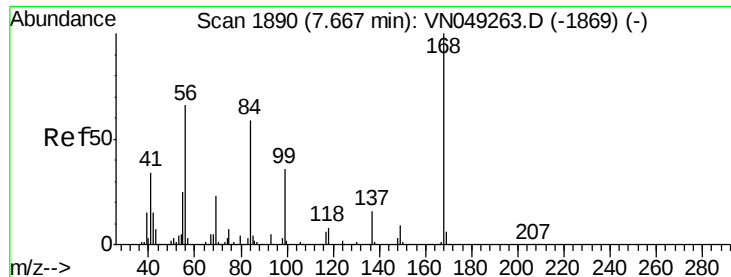
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049550.D

Acq: 26 Jun 2018 14:14

Instrument :

MSVOA_N

ClientSampleId :

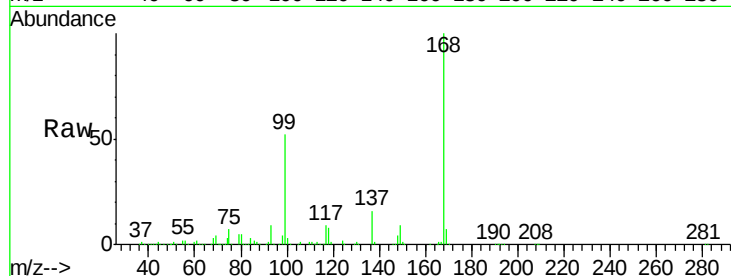
TP-2-S

Tot Ion:168 Resp: 1403097

Ion Ratio Lower Upper

168 100

99 51.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

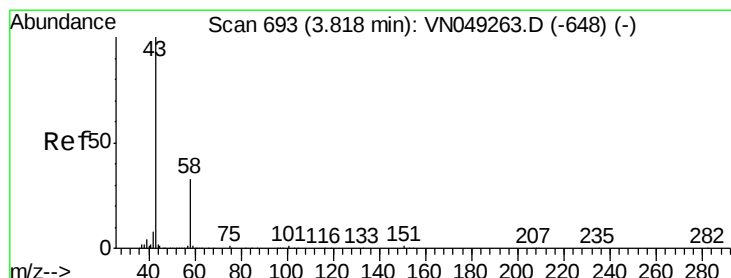
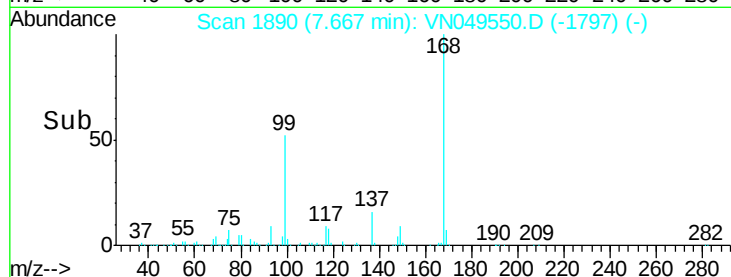
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 32.97 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049550.D

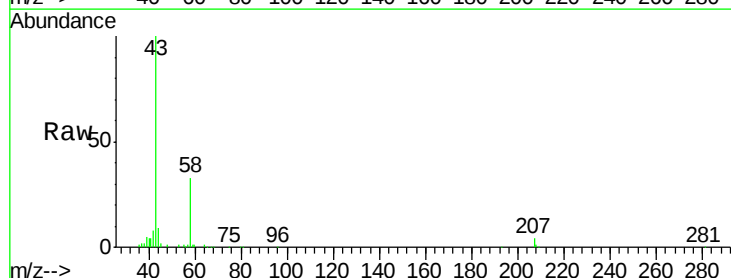
Acq: 26 Jun 2018 14:14

Tgt Ion: 43 Resp: 148992

Ion Ratio Lower Upper

43 100

58 31.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

50000

40000

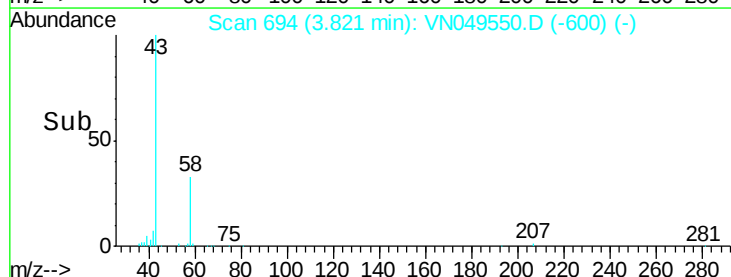
30000

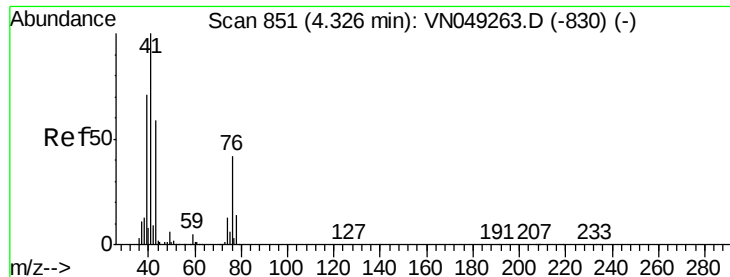
20000

10000

0

Time-->





#18

Methyl Acetate

Concen: 19.12 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049550.D

Acq: 26 Jun 2018 14:14

Instrument :

MSVOA_N

ClientSampled :

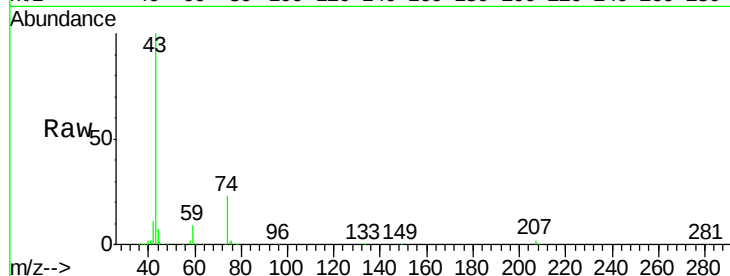
TP-2-S

Tot Ion: 43 Resp: 263482

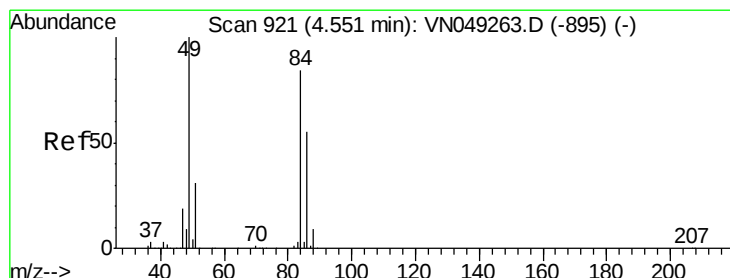
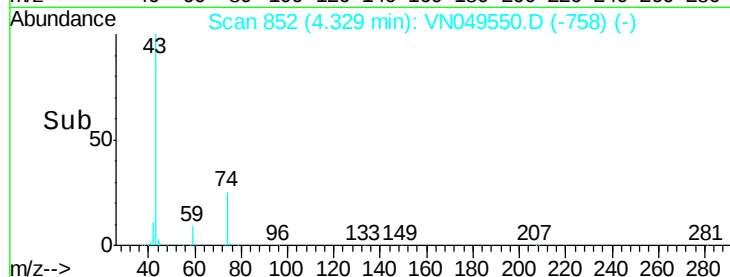
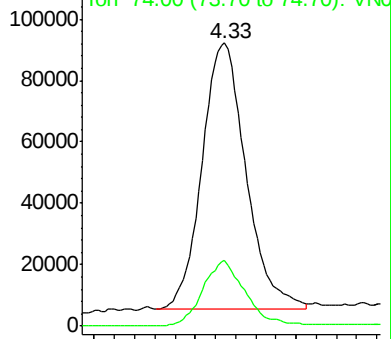
Ion Ratio Lower Upper

43 100

74 23.5 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049550.D (-758) (-)



#20

Methylene Chloride

Concen: 4.85 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049550.D

Acq: 26 Jun 2018 14:14

Tgt Ion: 84 Resp: 91453

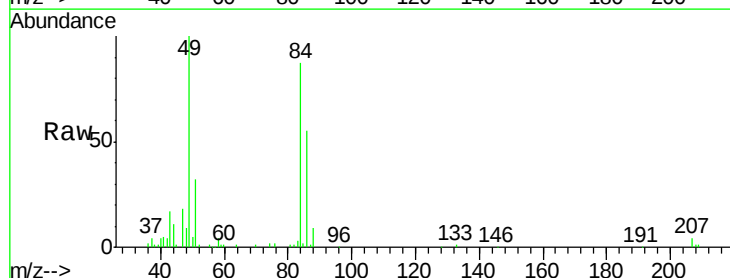
Ion Ratio Lower Upper

84 100

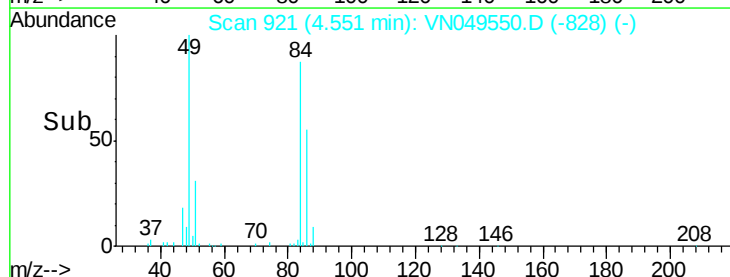
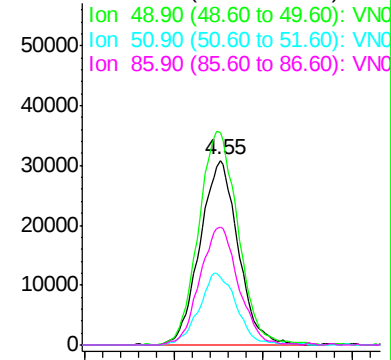
49 115.5 106.9 160.3

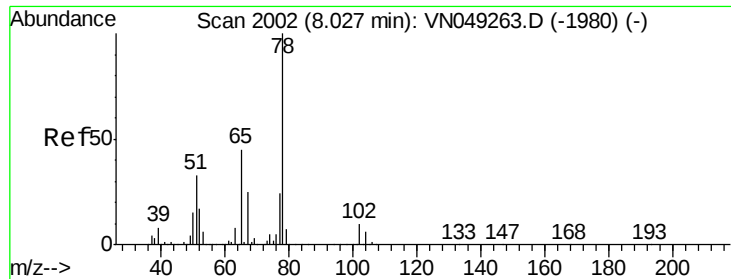
51 36.6 32.7 49.1

86 64.1 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN049550.D (-828) (-)

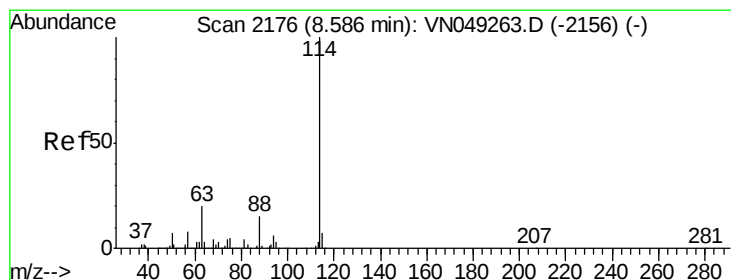
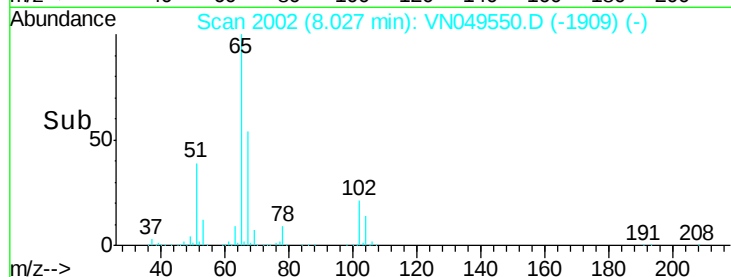
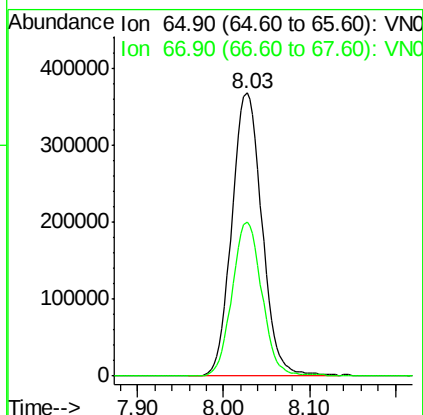
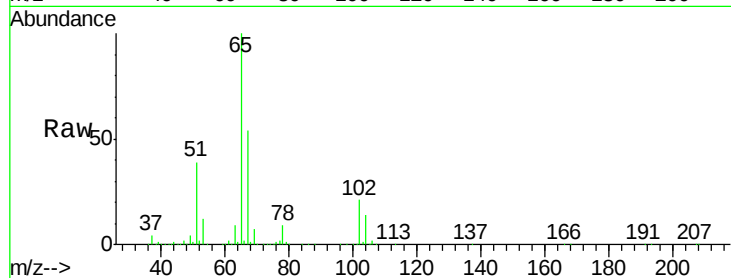




#33
 1,2-Dichloroethane-d4
 Concen: 48.28 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049550.D
 Acq: 26 Jun 2018 14:14

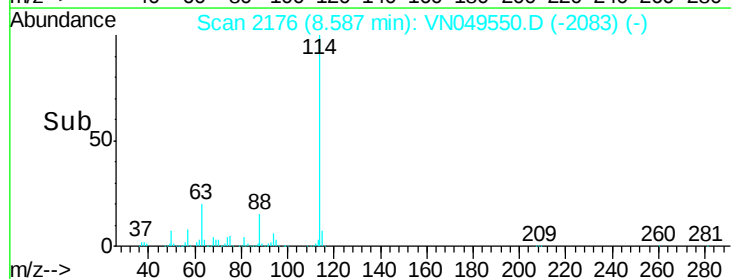
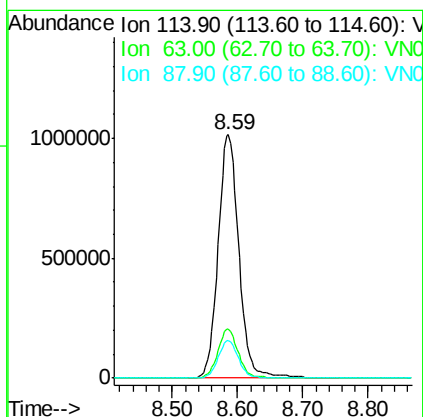
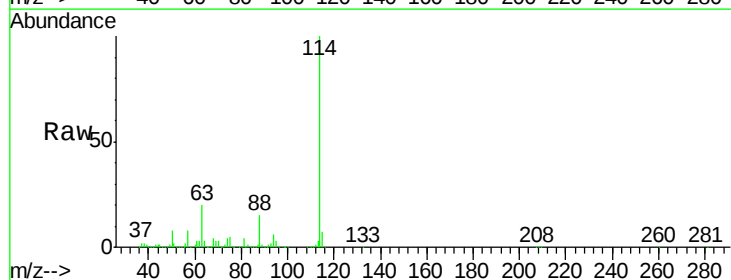
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

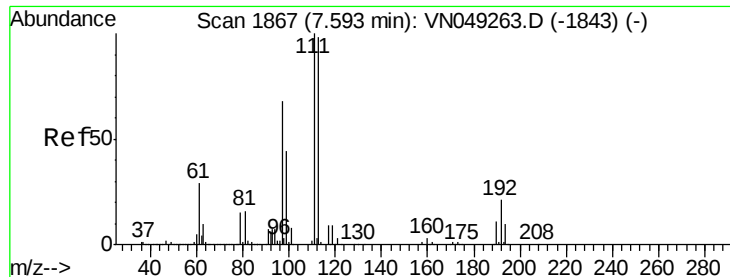
Tot Ion: 65 Resp: 898523
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049550.D
 Acq: 26 Jun 2018 14:14

Tgt Ion: 114 Resp: 2246024
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.2 0.0 31.4

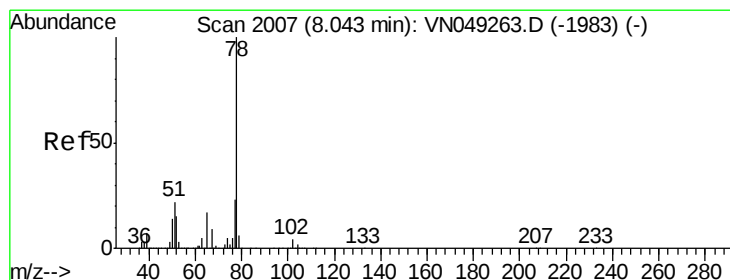
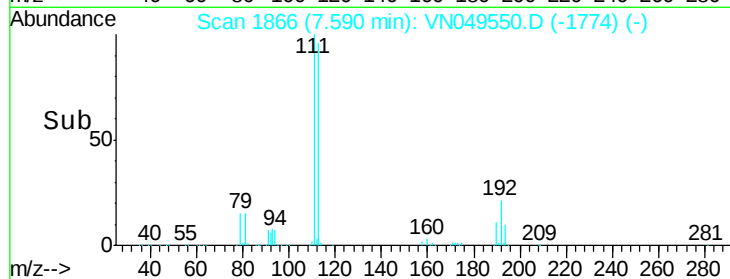
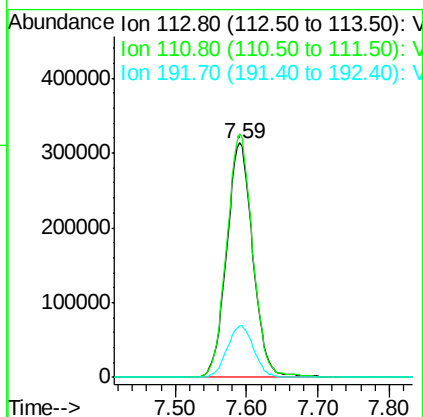
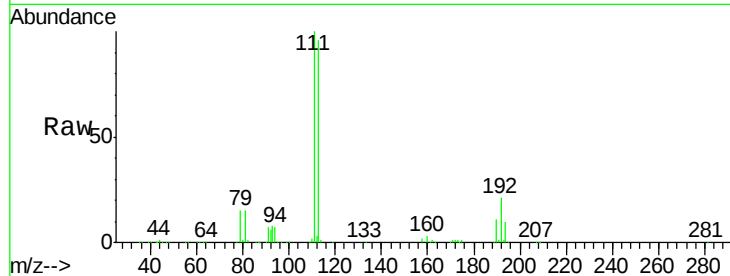




#35
 Dibromofluoromethane
 Concen: 44.16 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049550.D
 Acq: 26 Jun 2018 14:14

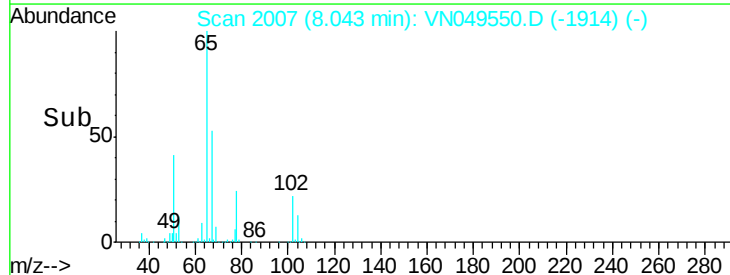
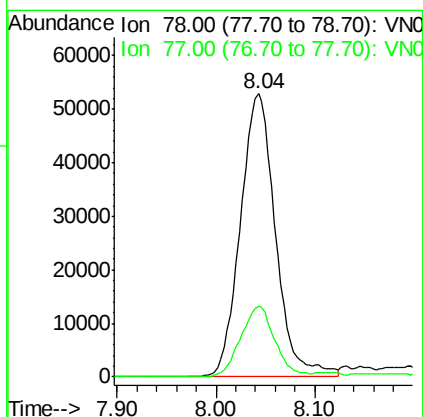
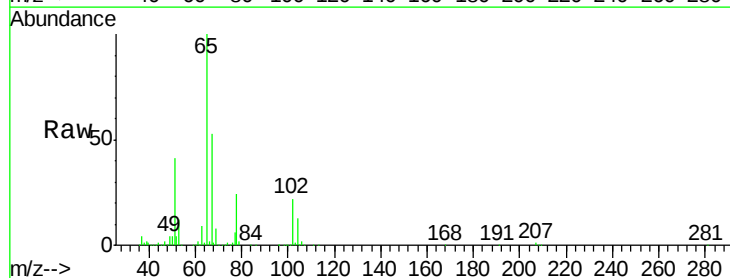
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

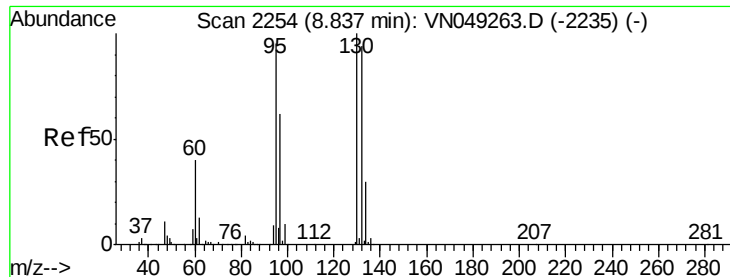
Tot Ion:113 Resp: 802483
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 22.4 15.0 22.6



#40
 Benzene
 Concen: 1.65 ug/l
 RT: 8.04 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: VN049550.D
 Acq: 26 Jun 2018 14:14

Tgt Ion: 78 Resp: 130547
 Ion Ratio Lower Upper
 78 100
 77 24.7 19.4 29.0





#44

Trichloroethene

Concen: 1.16 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049550.D

Acq: 26 Jun 2018 14:14

Instrument :

MSVOA_N

ClientSampled :

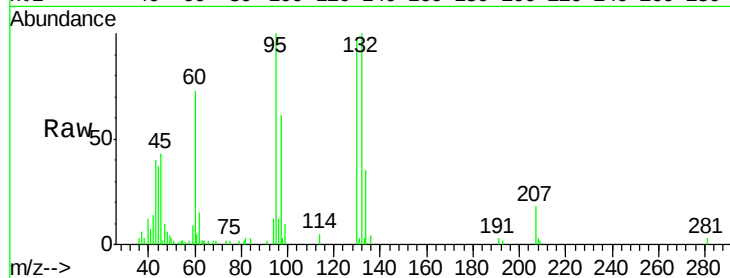
TP-2-S

Tot Ion:130 Resp: 24232

Ion Ratio Lower Upper

130 100

95 100.5 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

12000

10000

8000

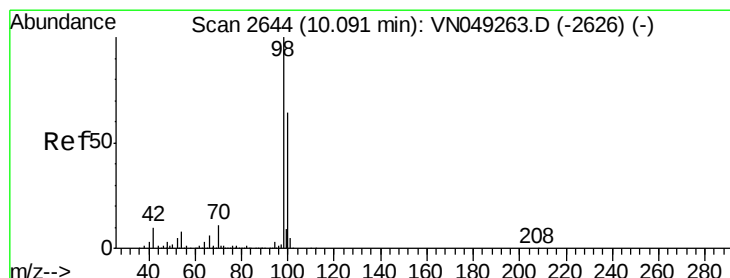
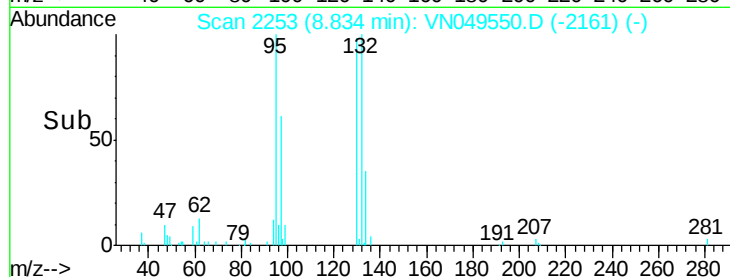
6000

4000

2000

0

Time--> 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 44.22 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049550.D

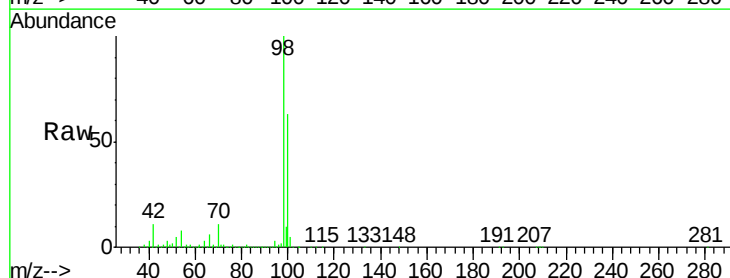
Acq: 26 Jun 2018 14:14

Tgt Ion: 98 Resp: 3059402

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

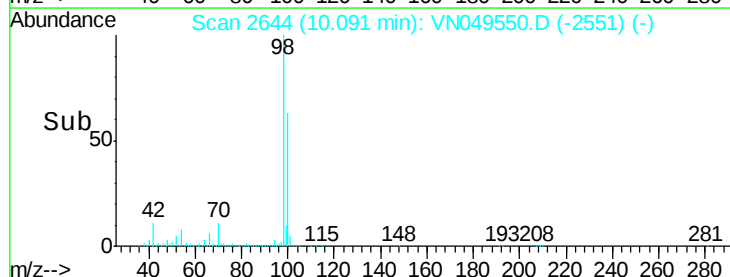
1500000

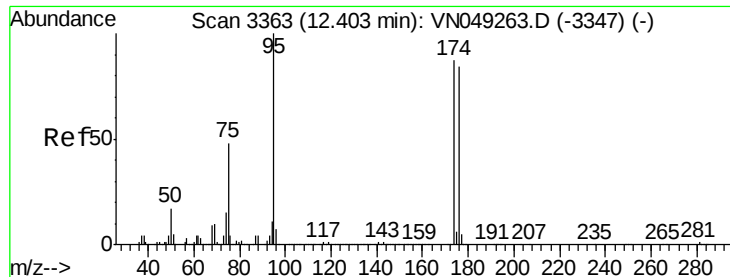
1000000

500000

0

Time--> 10.00 10.05 10.10 10.15 10.20

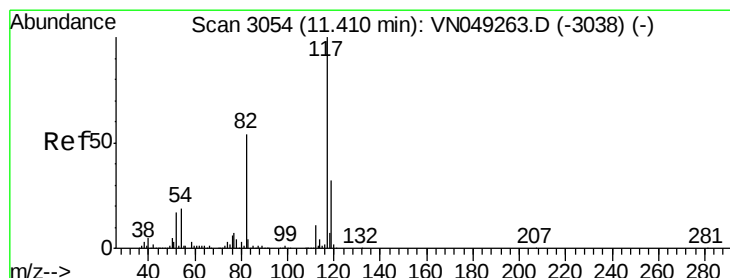
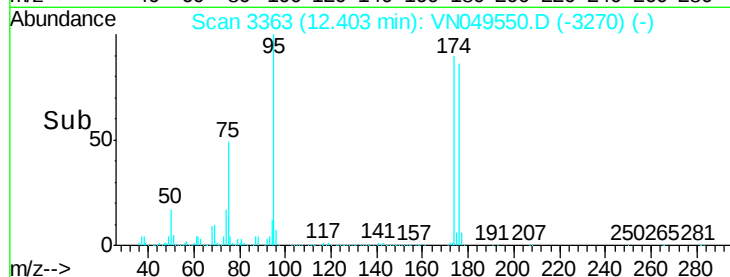
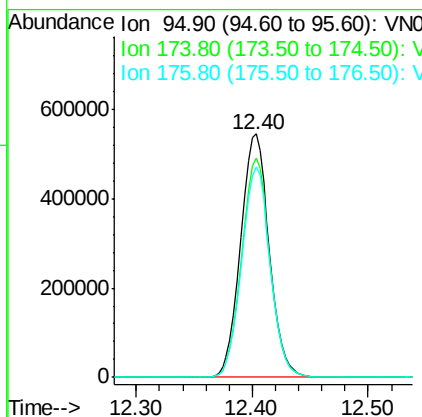
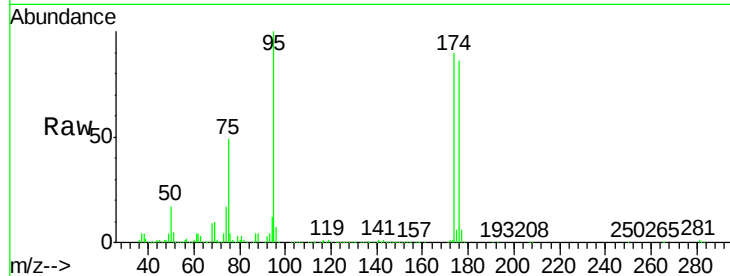




#62
4-Bromofluorobenzene
Concen: 40.81 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049550.D
Acq: 26 Jun 2018 14:14

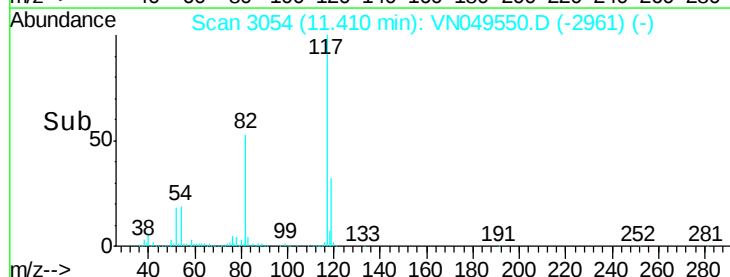
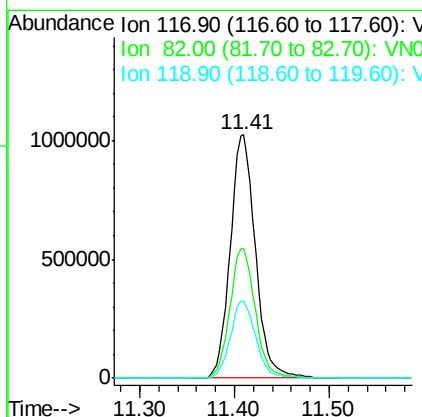
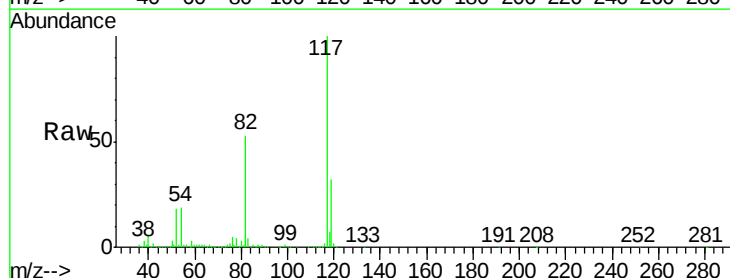
Instrument :
MSVOA_N
ClientSampleId :
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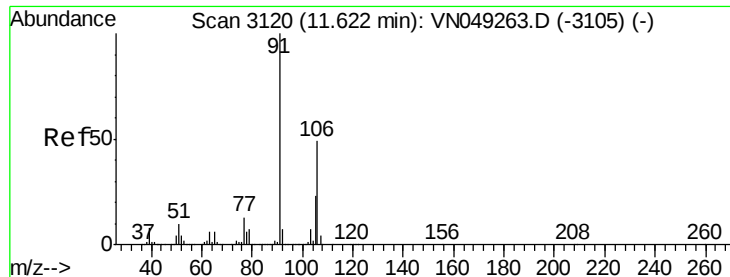
Tot Ion: 95 Resp: 933591
Ion Ratio Lower Upper
95 100
174 89.5 0.0 165.6
176 86.4 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049550.D
Acq: 26 Jun 2018 14:14

Tgt Ion: 117 Resp: 1890550
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 31.8 25.5 38.3





#68

m/p-Xvlenes

Concen: 1.07 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049550.D

Acq: 26 Jun 2018 14:14

Instrument :

MSVOA_N

ClientSampled :

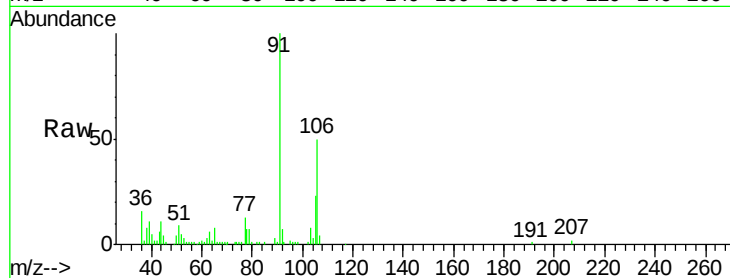
TP-2-S

Tot Ion:106 Resp: 32364

Ion Ratio Lower Upper

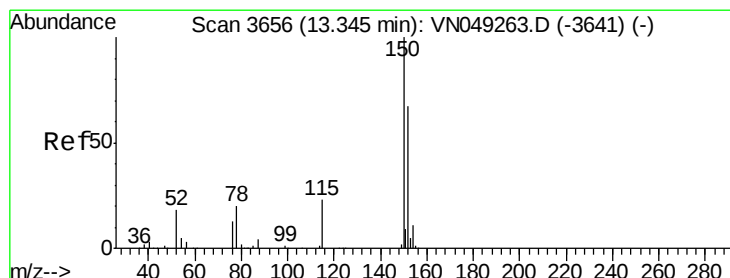
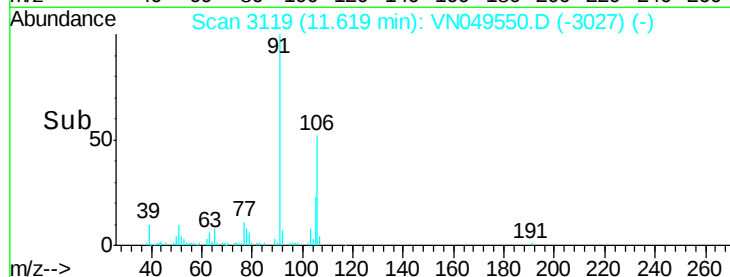
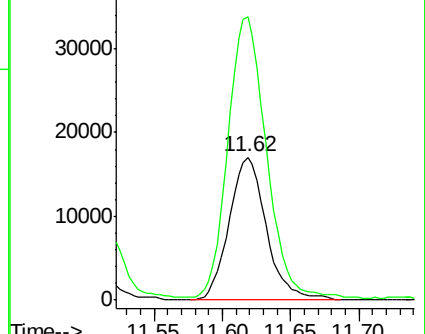
106 100

91 203.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049550.D

Acq: 26 Jun 2018 14:14

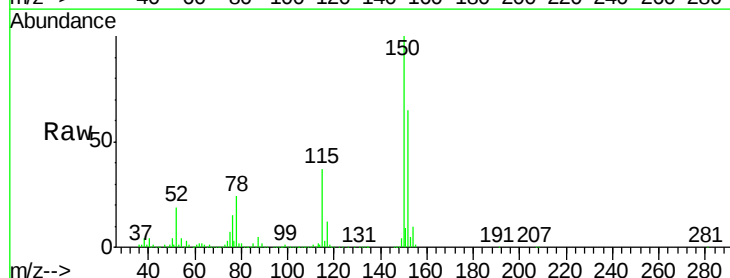
Tgt Ion:152 Resp: 830283

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.1

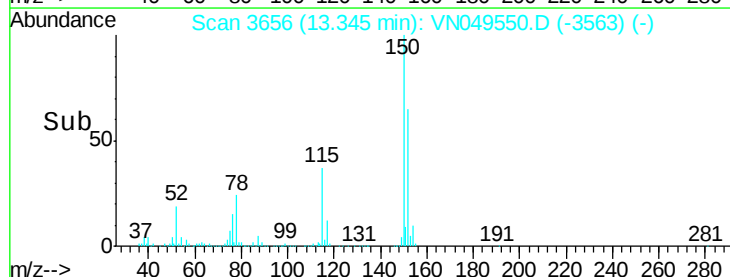
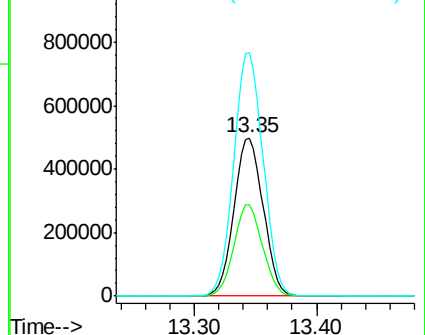
150 154.9 0.0 351.0

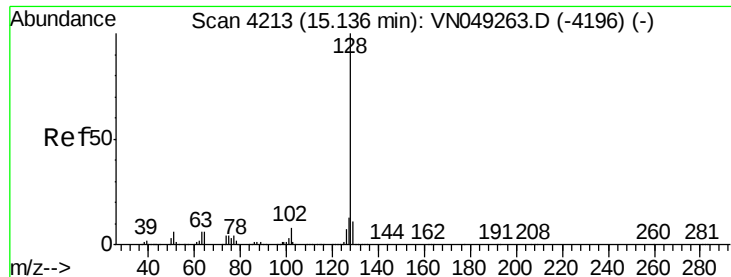


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 53.03 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049550.D

Acq: 26 Jun 2018 14:14

Instrument :

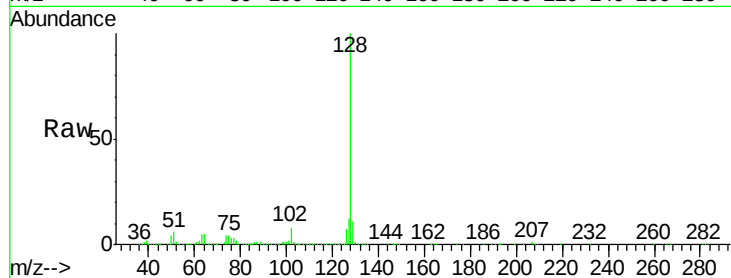
MSVOA_N

ClientSampleId :

TP-2-S

Tot Ion:128 Resp: 1353582

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.9	8.5	12.7



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

