

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049427.D
 Acq On : 20 Jun 2018 10:02
 Operator : MD\SY
 Sample : J3573-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-49-COMP

Quant Time: Jun 20 11:45:15 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

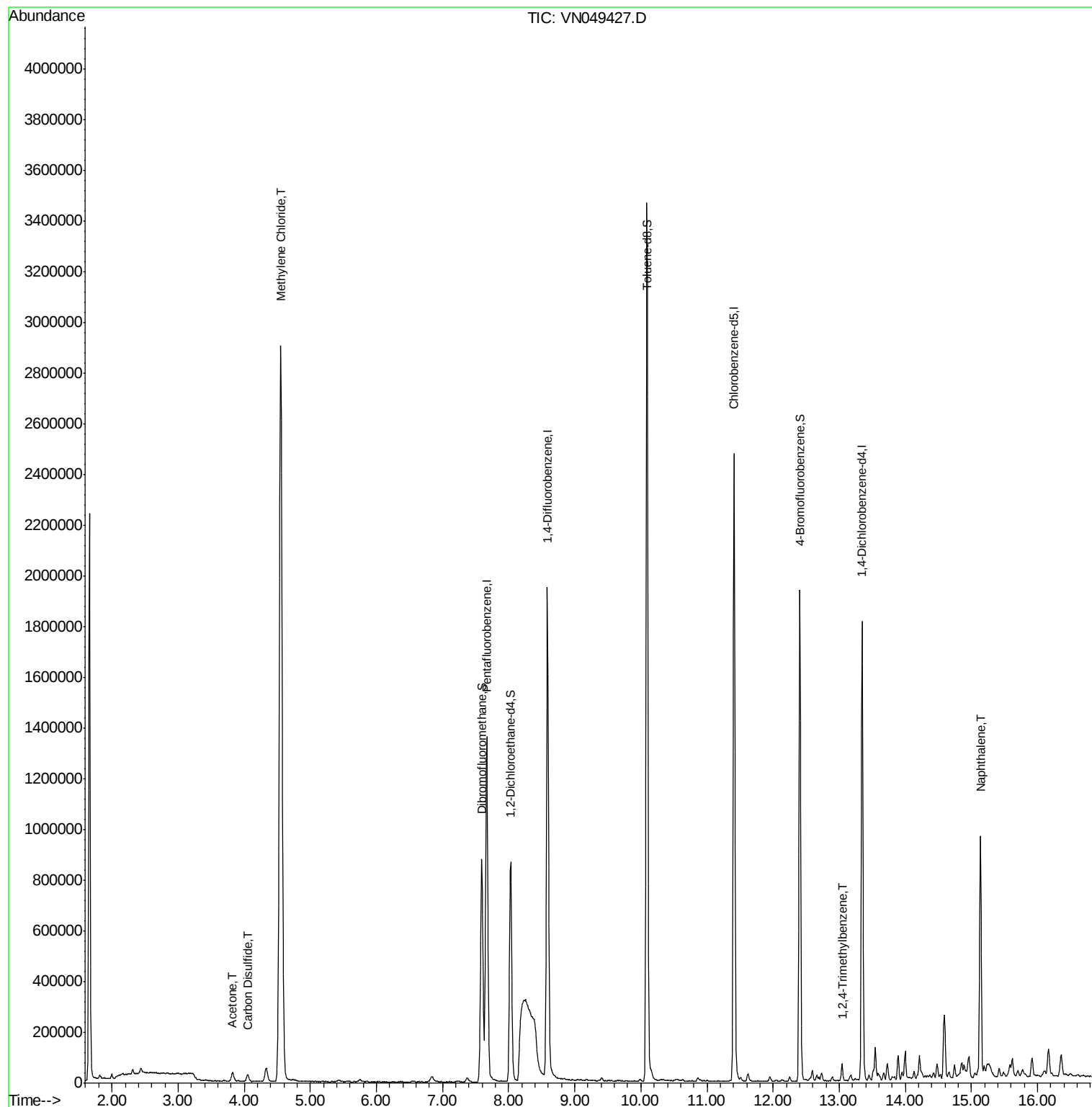
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1141463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1857607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1503549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	510835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	764304	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	689037	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	10.09	98	2491306	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
62) 4-Bromofluorobenzene	12.40	95	662797	35.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.06%	
Target Compounds						
16) Acetone	3.82	43	58915	16.027	ug/l	92
17) Carbon Disulfide	4.05	76	51907	1.265	ug/l	99
20) Methylene Chloride	4.55	84	2235248	145.593	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	36527	1.043	ug/l	100
95) Naphthalene	15.14	128	826516	52.693	ug/l	99

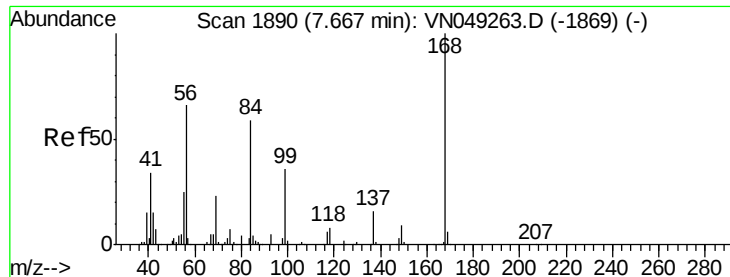
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061918\
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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: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

ClientSampled :

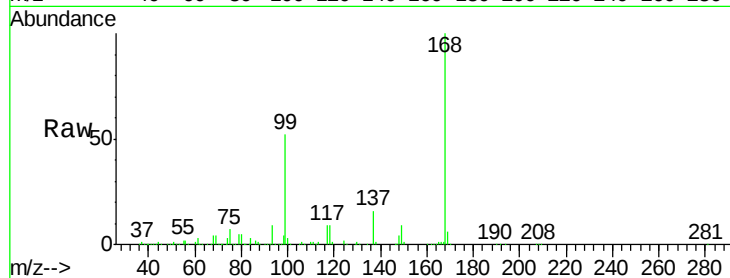
SB-49-COMP

Tot Ion:168 Resp: 1141463

Ion Ratio Lower Upper

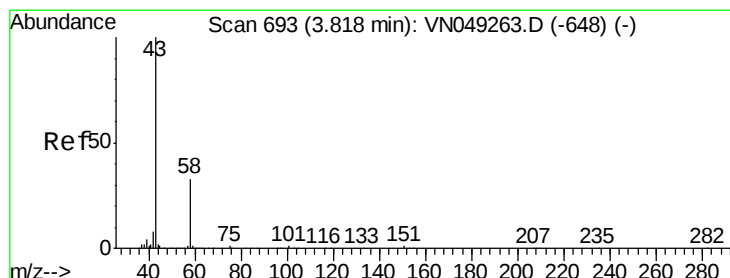
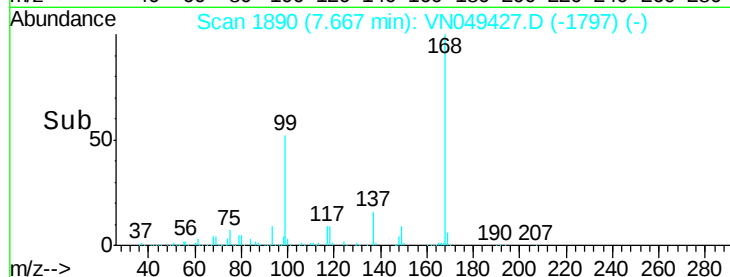
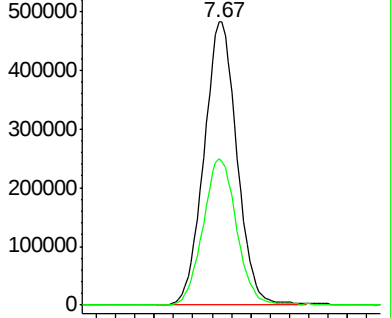
168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 16.027 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049427.D

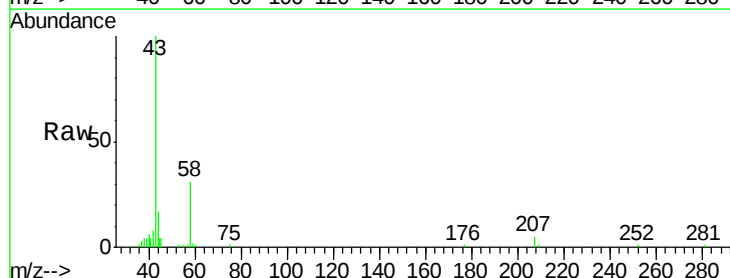
Acq: 20 Jun 2018 10:02

Tgt Ion: 43 Resp: 58915

Ion Ratio Lower Upper

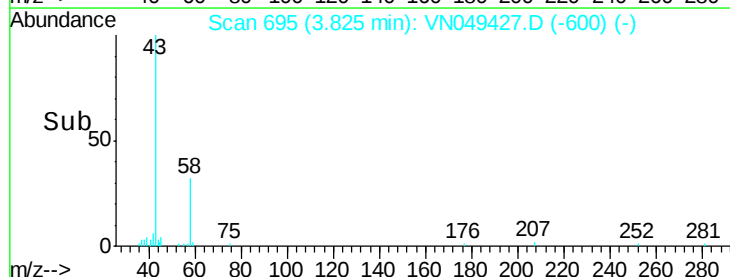
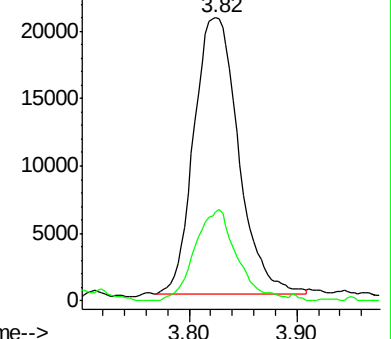
43 100

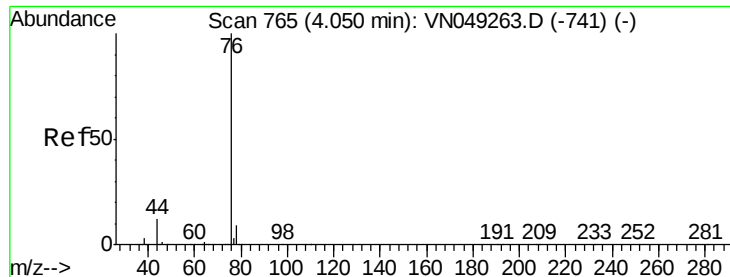
58 32.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 1.265 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

ClientSampleId :

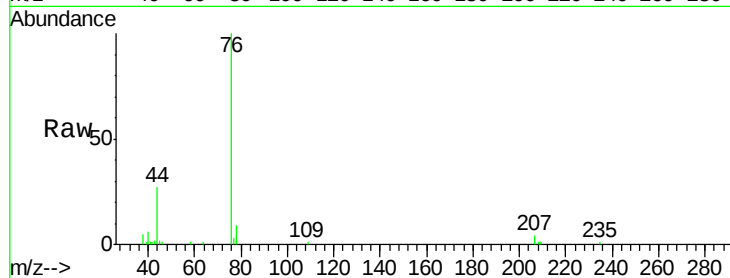
SB-49-COMP

Tot Ion: 76 Resp: 51907

Ion Ratio Lower Upper

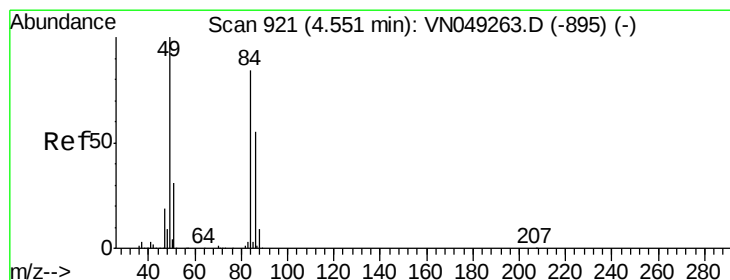
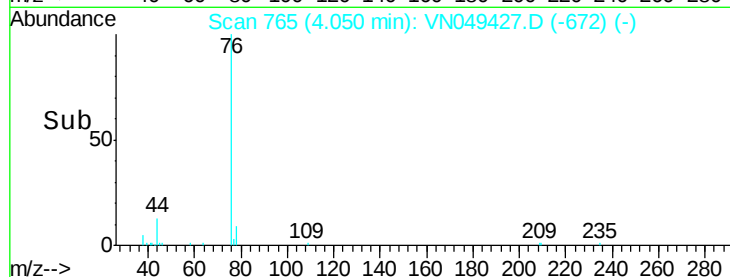
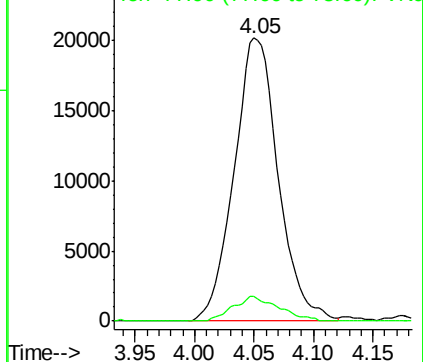
76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#20

Methylene Chloride

Concen: 145.593 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Tgt Ion: 84 Resp: 2235248

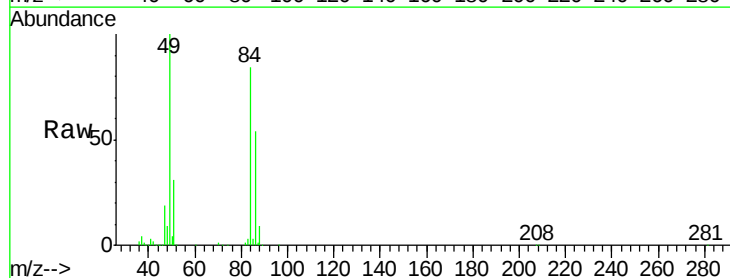
Ion Ratio Lower Upper

84 100

49 119.5 106.9 160.3

51 37.0 32.7 49.1

86 64.4 49.8 74.8

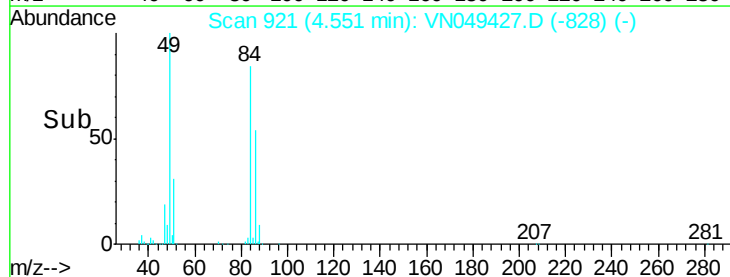
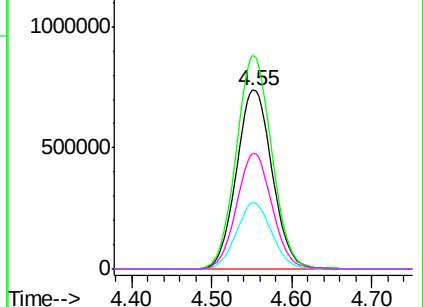


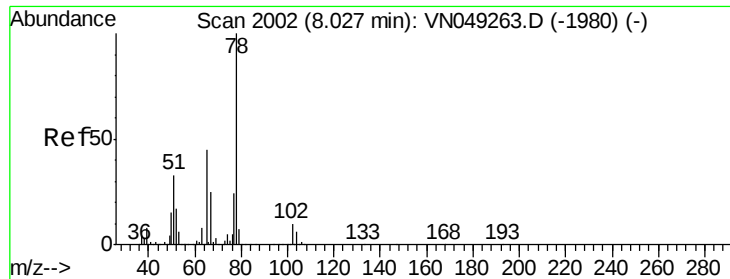
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 50.484 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

ClientSampleId :

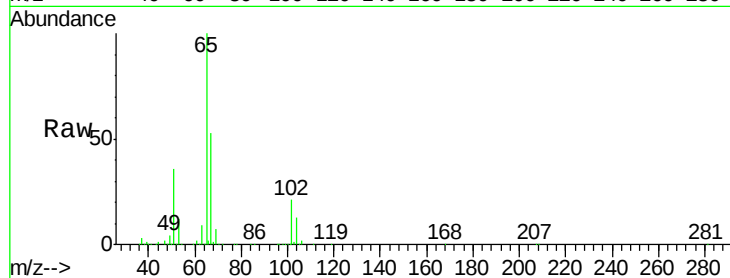
SB-49-COMP

Tot Ion: 65 Resp: 764304

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049427.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049427.D (-1980) (-)

8.03

300000

200000

100000

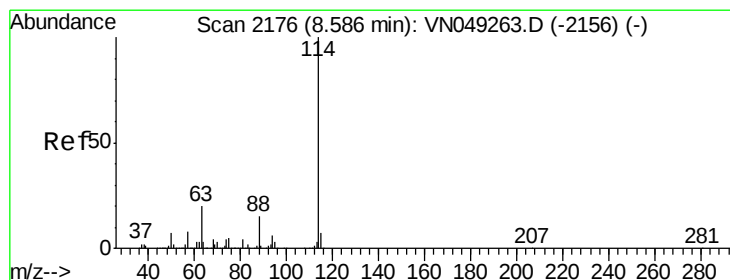
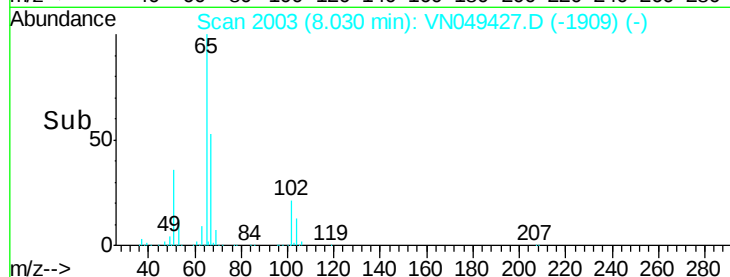
0

Time-->

7.90

8.00

8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

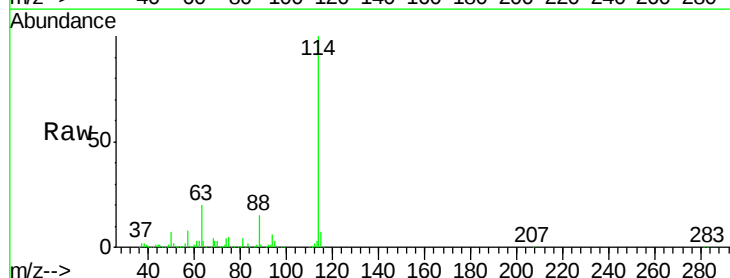
Tgt Ion: 114 Resp: 1857607

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.4

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049427.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049427.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049427.D (-2156) (-)

8.59

1000000

800000

600000

400000

200000

0

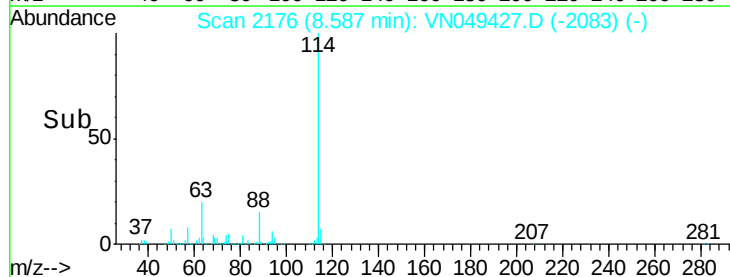
Time-->

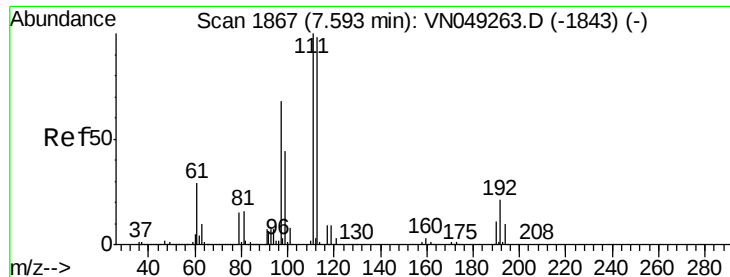
8.50

8.60

8.70

8.80

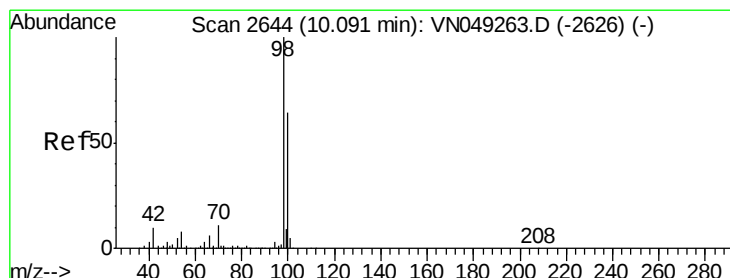
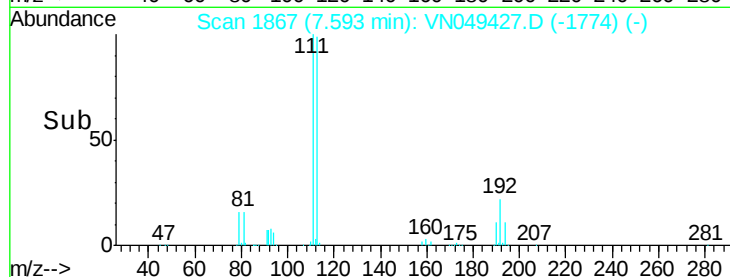
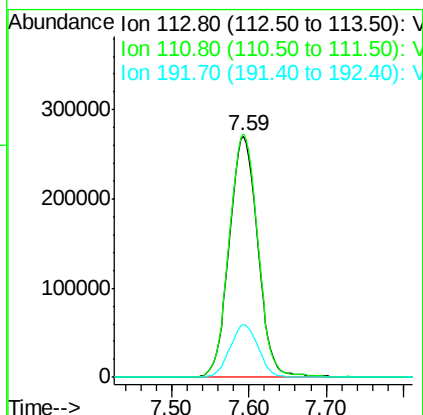
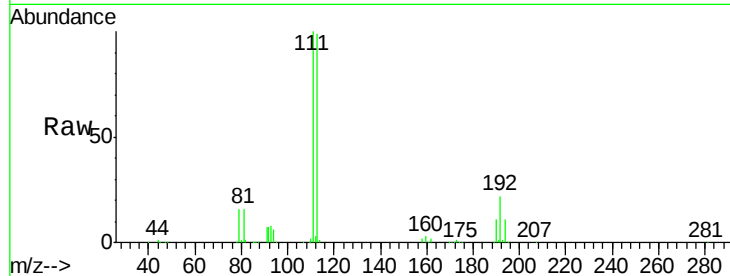




#35
 Dibromofluoromethane
 Concen: 45.848 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

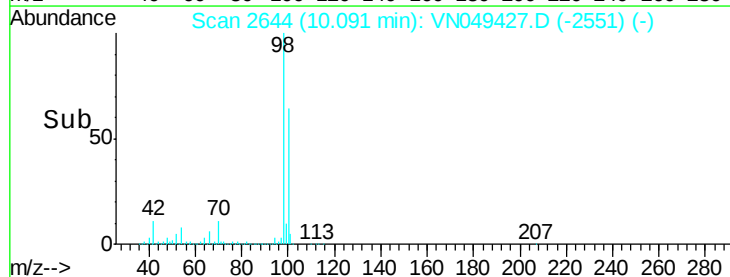
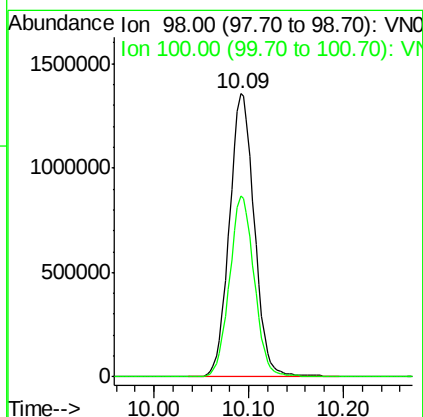
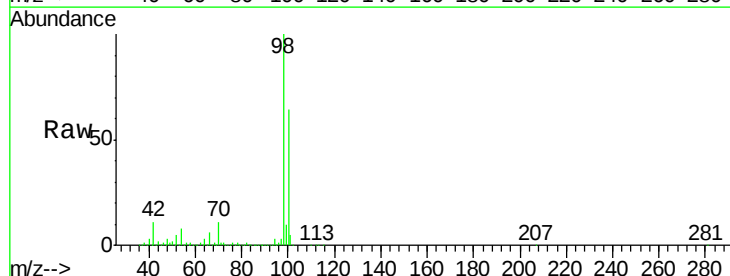
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-49-COMP

Tot Ion:113 Resp: 689037
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.4 123.6
 192 21.6 15.0 22.6



#50
 Toluene-d8
 Concen: 43.535 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049427.D
 Acq: 20 Jun 2018 10:02

Tgt Ion: 98 Resp: 2491306
 Ion Ratio Lower Upper
 98 100
 100 63.4 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 35.029 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

ClientSampleId :

SB-49-COMP

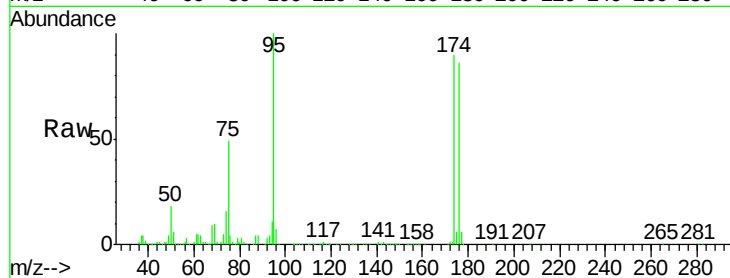
Tot Ion: 95 Resp: 662797

Ion Ratio Lower Upper

95 100

174 90.6 0.0 165.6

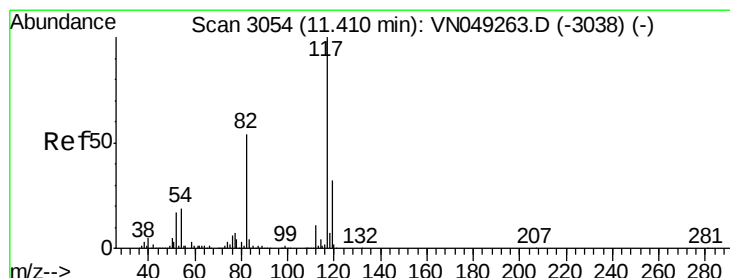
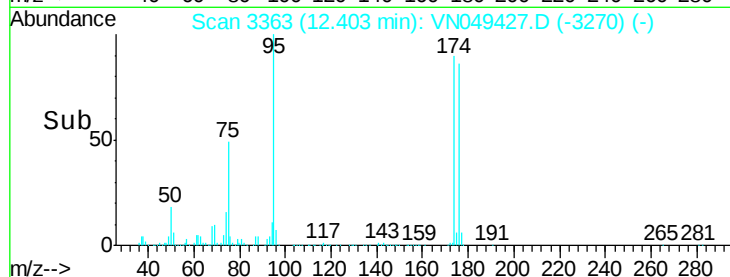
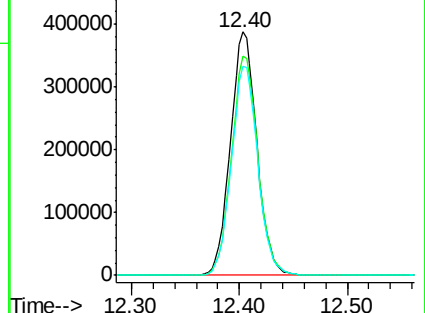
176 85.9 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049427.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049427.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049427.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

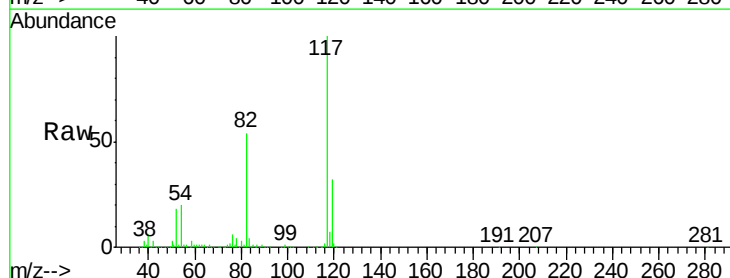
Tgt Ion: 117 Resp: 1503549

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

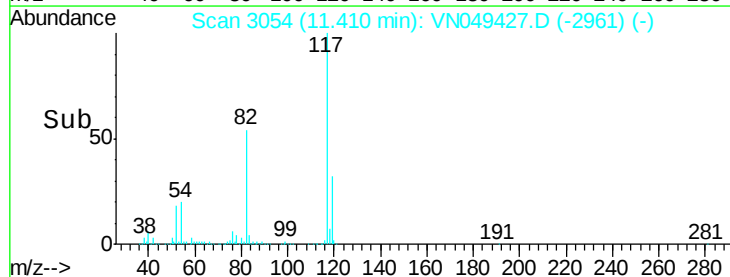
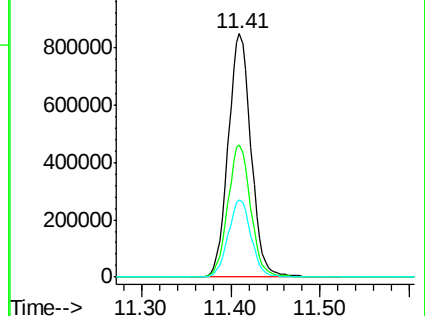
119 31.9 25.5 38.3

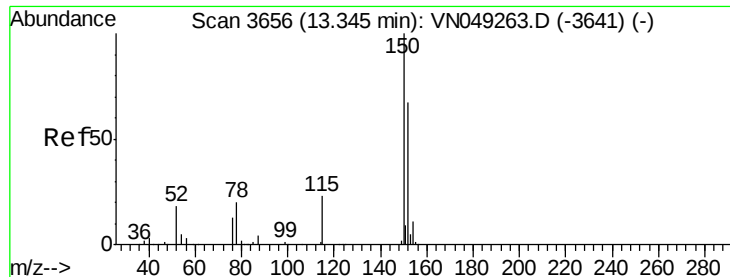


Abundance Ion 116.90 (116.60 to 117.60): VN049427.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049427.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049427.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

Instrument :

MSVOA_N

ClientSampleId :

SB-49-COMP

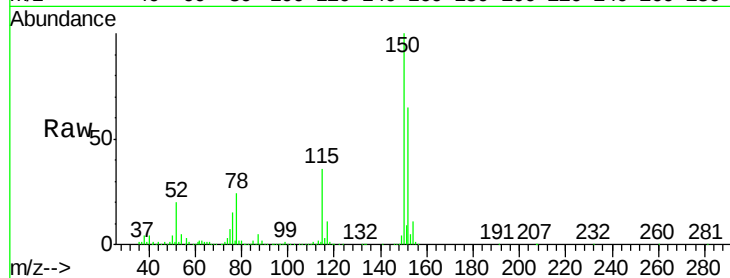
Tot Ion:152 Resp: 510835

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.1

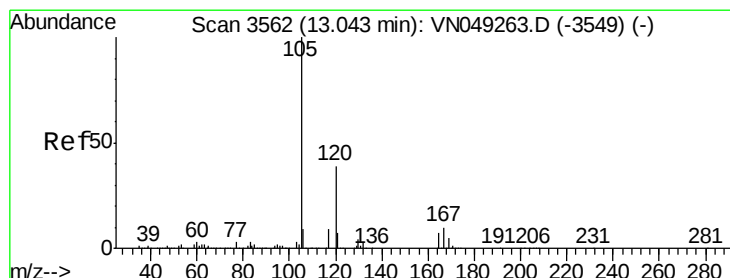
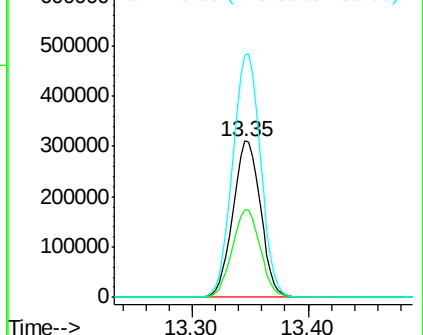
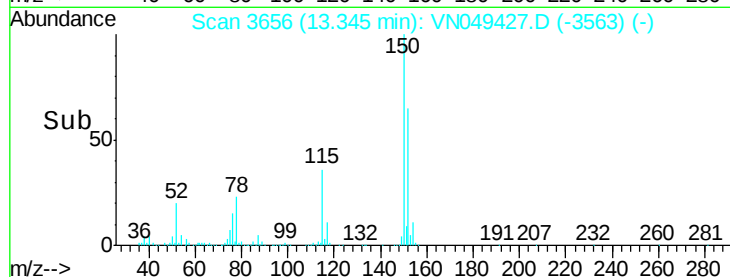
150 157.3 0.0 351.0



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: 1.043 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049427.D

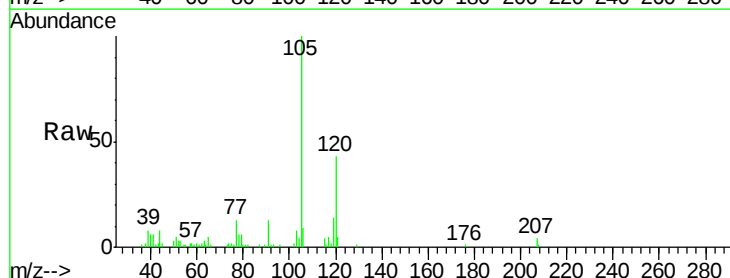
Acq: 20 Jun 2018 10:02

Tgt Ion:105 Resp: 36527

Ion Ratio Lower Upper

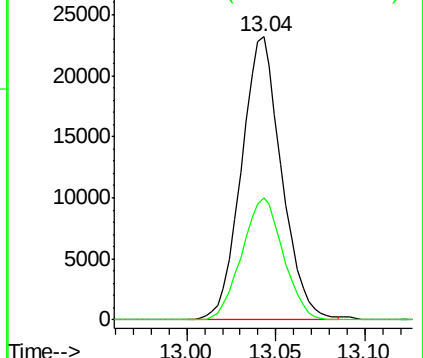
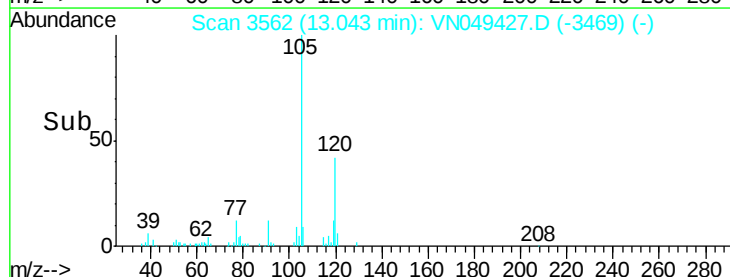
105 100

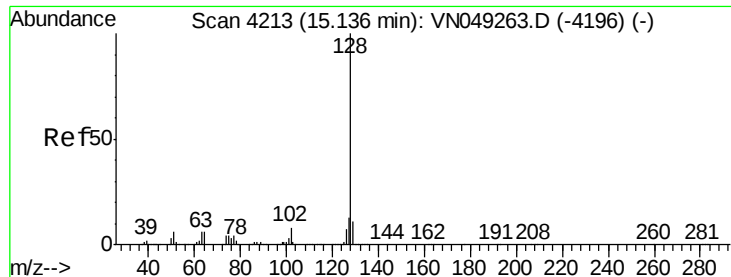
120 44.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 52.693 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049427.D

Acq: 20 Jun 2018 10:02

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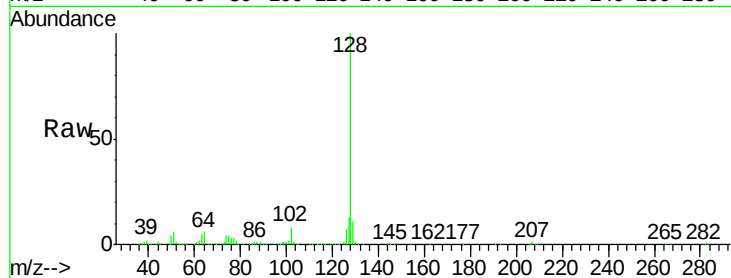
Tot Ion:128 Resp: 826516

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.1 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

