

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049439.D
 Acq On : 20 Jun 2018 16:37
 Operator : MD\SY
 Sample : J3595-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SC-01-ABC

Quant Time: Jun 21 01:53:21 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	1349391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2105915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1716560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	559597	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	877502	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
35) Dibromofluoromethane	7.59	113	774640	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	
50) Toluene-d8	10.09	98	2870493	44.25	ug/l	0.00
Spiked Amount			Recovery	=	88.50%	
62) 4-Bromofluorobenzene	12.40	95	762345	35.54	ug/l	0.00
Spiked Amount			Recovery	=	71.08%	

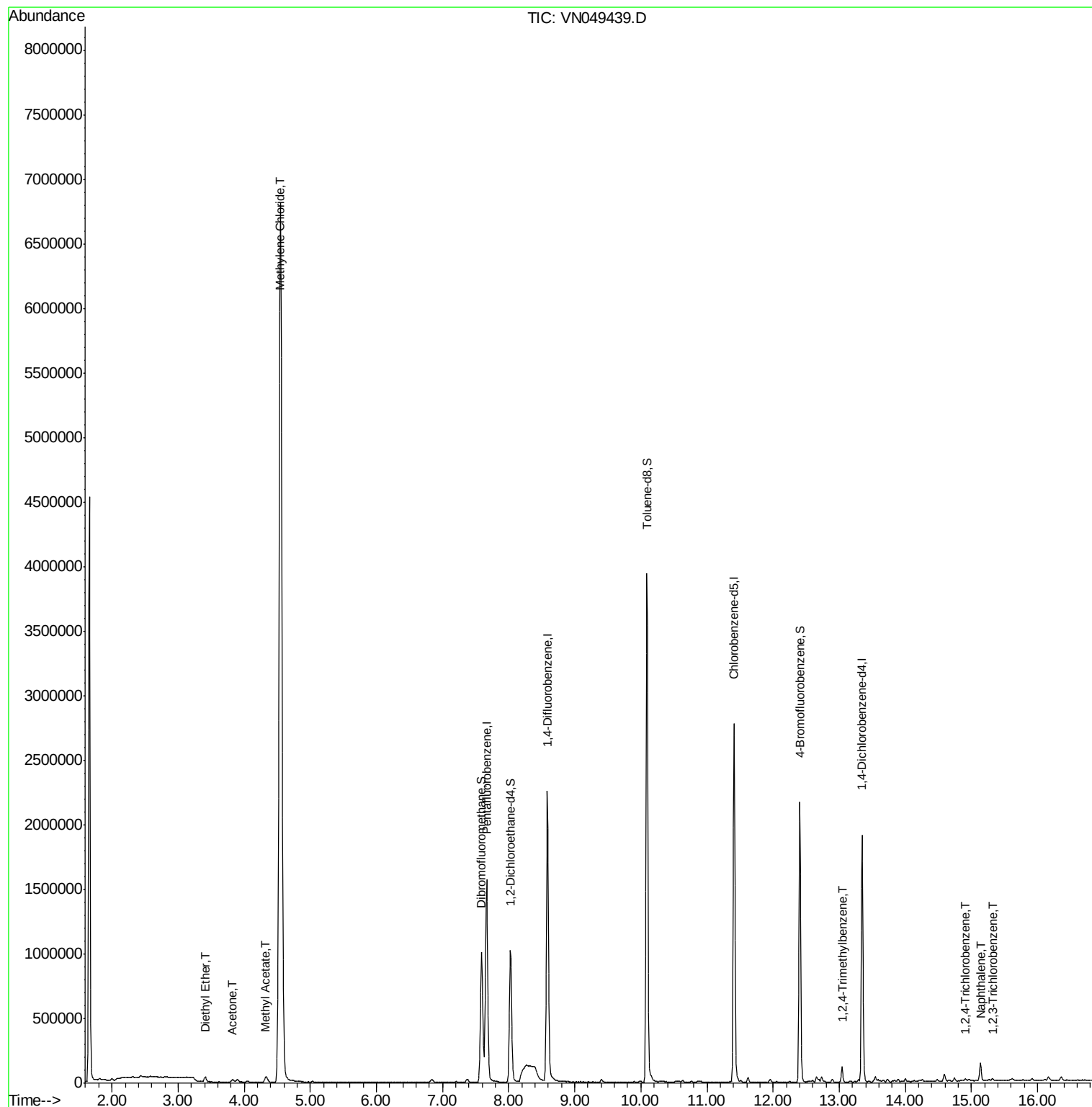
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	18228	1.96	ug/l	98
16) Acetone	3.82	43	33746	7.77	ug/l	96
18) Methyl Acetate	4.33	43	84025	6.34	ug/l	92
20) Methylene Chloride	4.55	84	5272349	290.50	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	65230	1.70	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	5536	5.26	ug/l	96
95) Naphthalene	15.14	128	118964	9.59	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	6593	4.11	ug/l #	80

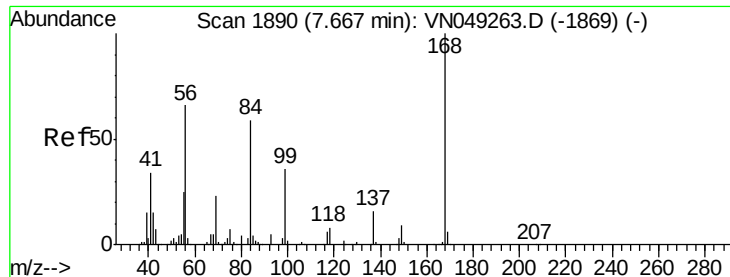
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
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Acq On : 20 Jun 2018 16:37
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Quant Time: Jun 21 01:53:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

Instrument :

MSVOA_N

ClientSampleId :

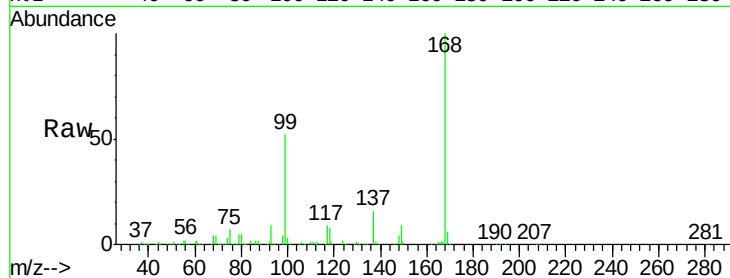
SC-01-ABC

Tot Ion:168 Resp: 1349391

Ion Ratio Lower Upper

168 100

99 51.9 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

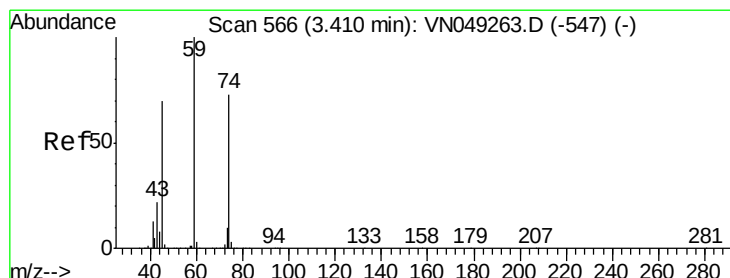
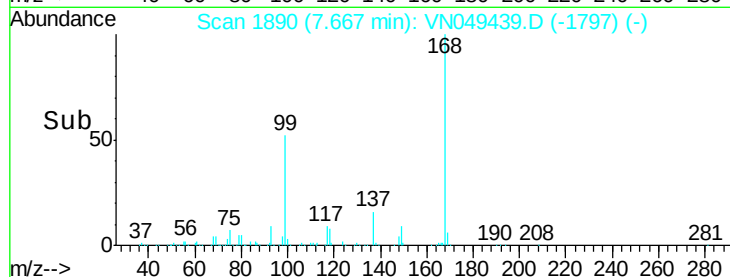
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.96 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049439.D

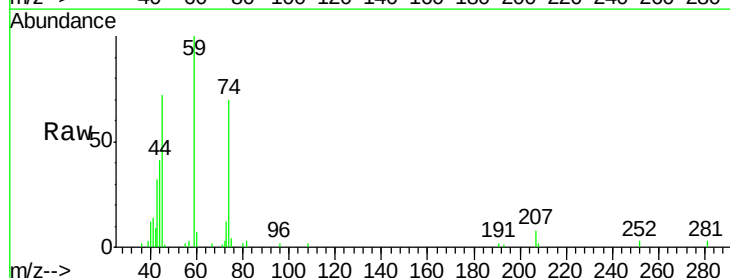
Acq: 20 Jun 2018 16:37

Tgt Ion: 74 Resp: 18228

Ion Ratio Lower Upper

74 100

45 105.8 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

10000

8000

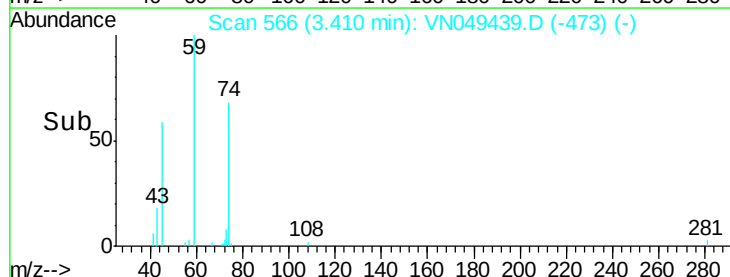
6000

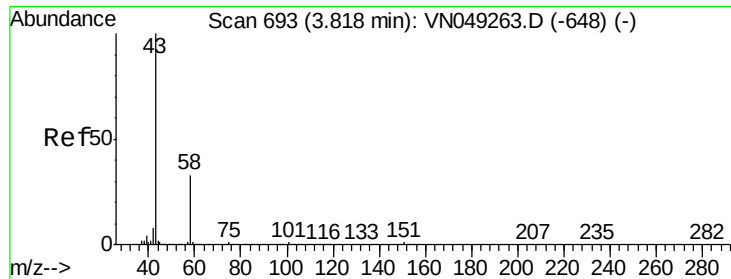
4000

2000

0

Time-->





#16

Acetone

Concen: 7.77 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

Instrument :

MSVOA_N

ClientSampled :

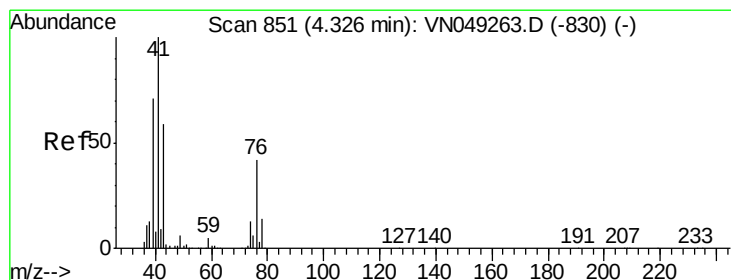
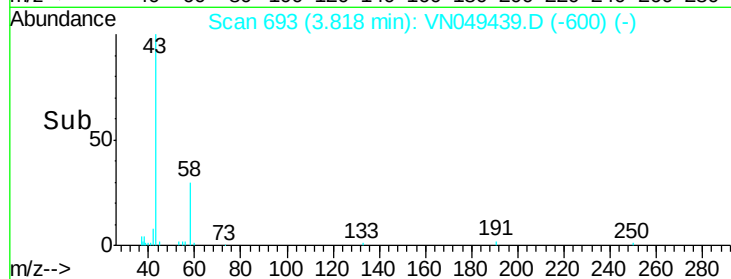
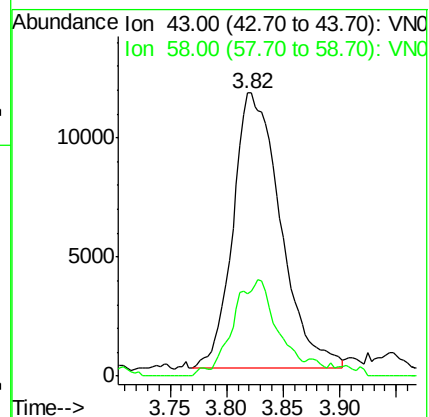
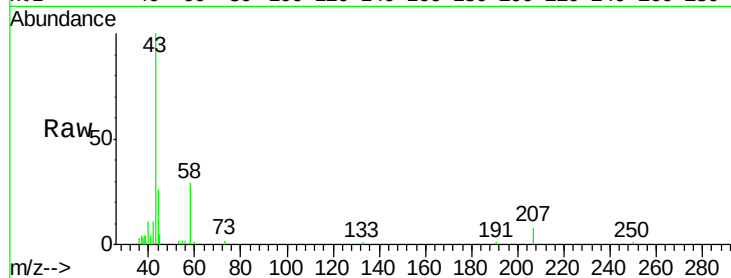
SC-01-ABC

Tot Ion: 43 Resp: 33746

Ion Ratio Lower Upper

43 100

58 30.1 22.4 33.6



#18

Methyl Acetate

Concen: 6.34 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049439.D

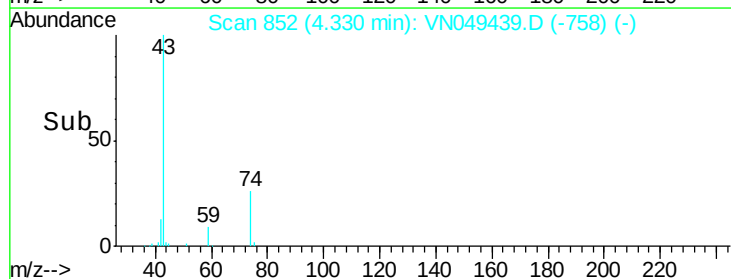
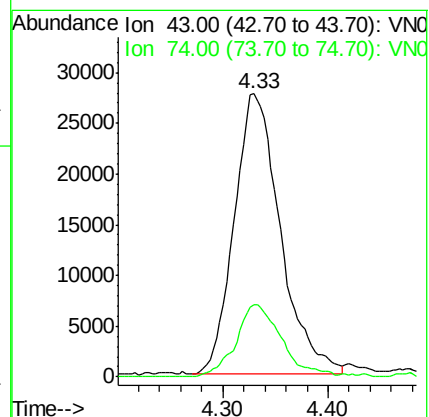
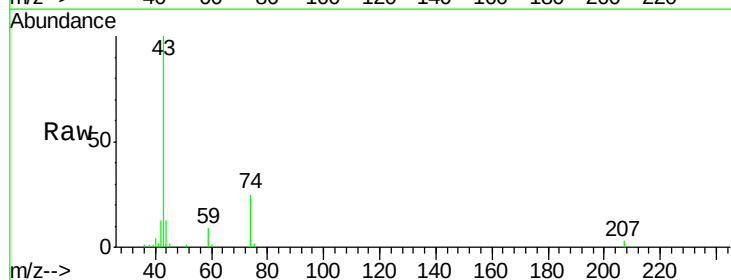
Acq: 20 Jun 2018 16:37

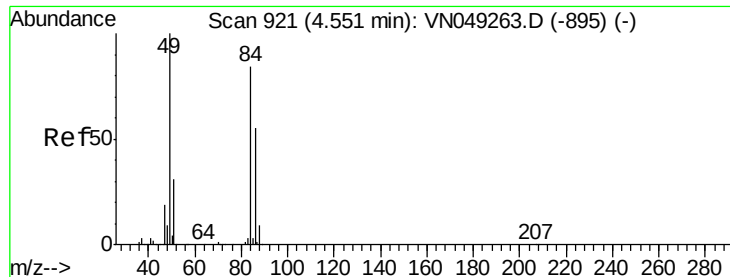
Tgt Ion: 43 Resp: 84025

Ion Ratio Lower Upper

43 100

74 25.5 17.4 26.0



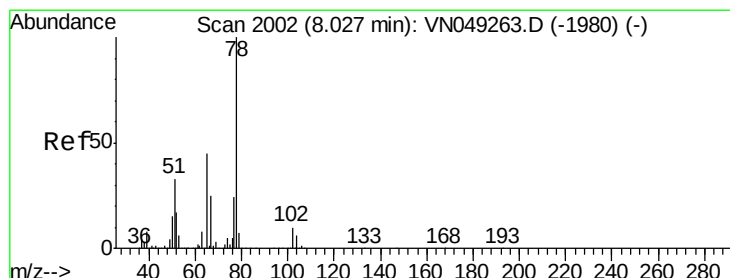
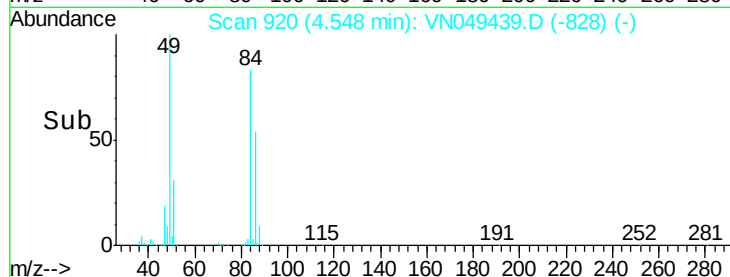
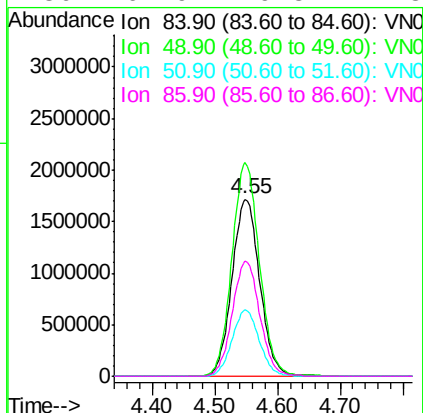
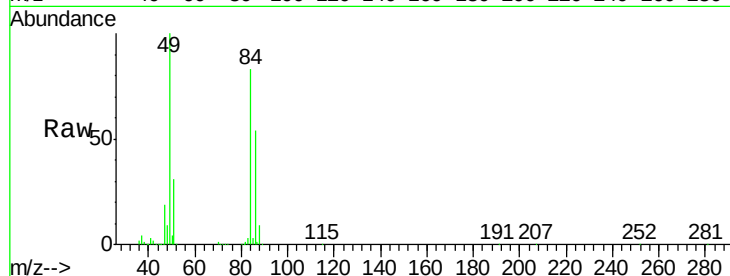


#20
Methylene Chloride
Concen: 290.50 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049439.D
Acq: 20 Jun 2018 16:37

Instrument :
MSVOA_N
ClientSampleId :
SC-01-ABC

Tot Ion: 84 Resp: 5272349

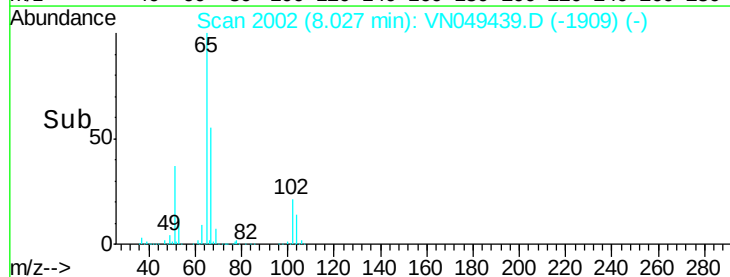
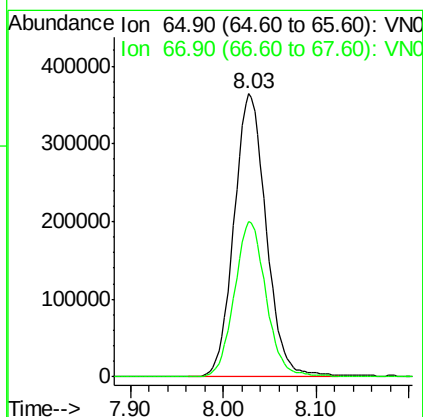
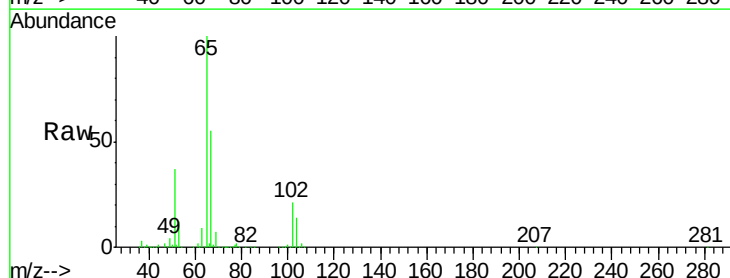
Ion	Ratio	Lower	Upper
84	100		
49	120.5	106.9	160.3
51	37.4	32.7	49.1
86	64.9	49.8	74.8

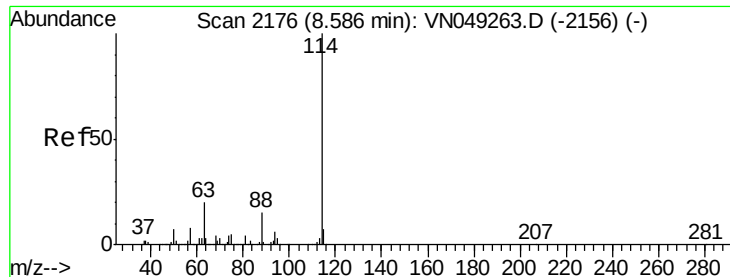


#33
1,2-Dichloroethane-d4
Concen: 49.03 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049439.D
Acq: 20 Jun 2018 16:37

Tgt Ion: 65 Resp: 877502

Ion	Ratio	Lower	Upper
65	100		
67	54.2	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: VN049439.D

Acq: 20 Jun 2018 16:37

Instrument :

MSVOA_N

ClientSampleId :

SC-01-ABC

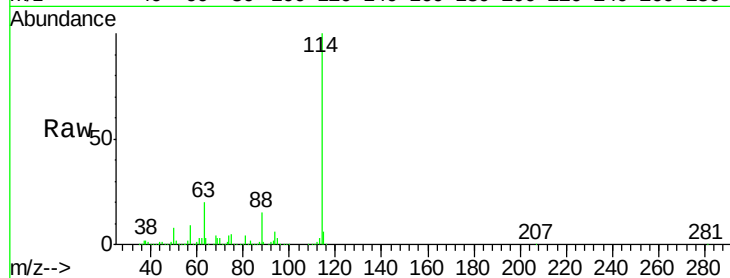
Tot Ion:114 Resp: 2105915

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

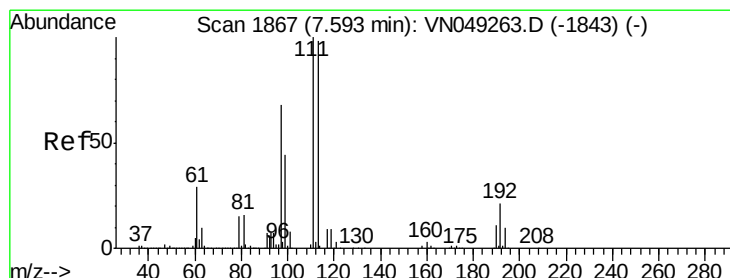
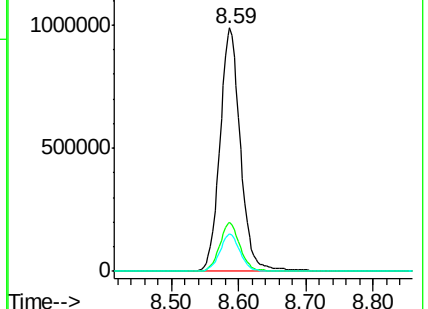
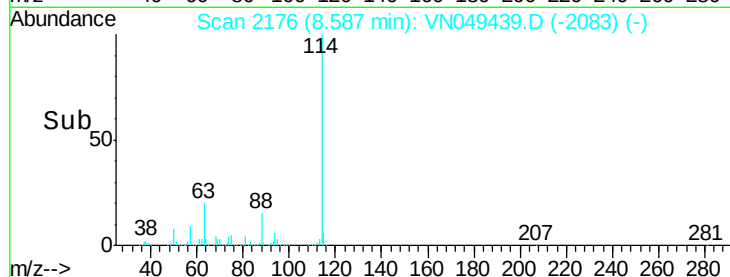
88 15.2 0.0 31.4



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: 45.47 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

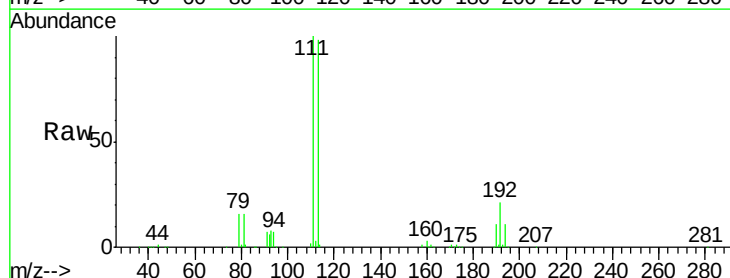
Tgt Ion:113 Resp: 774640

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

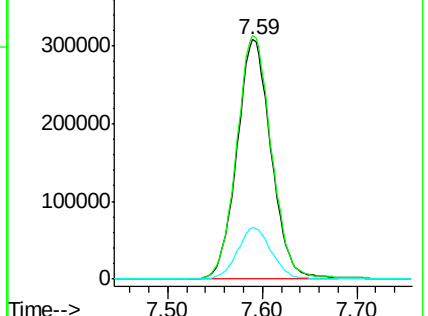
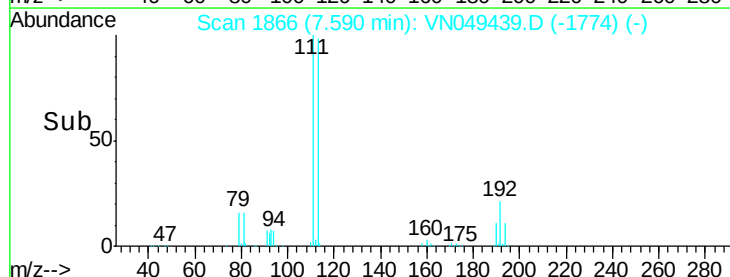
192 21.5 15.0 22.6

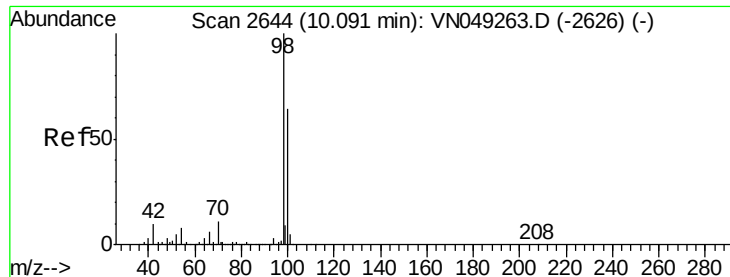


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.25 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

Instrument :

MSVOA_N

ClientSampleId :

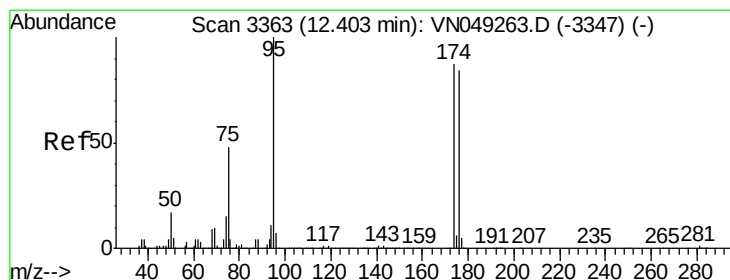
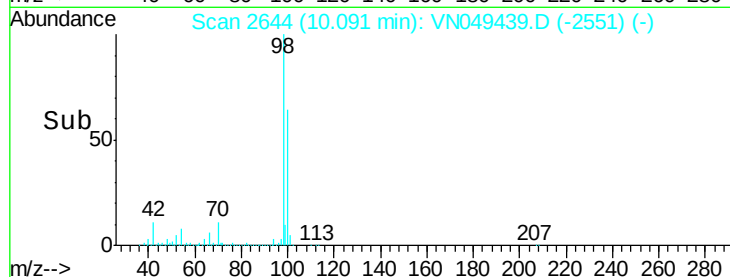
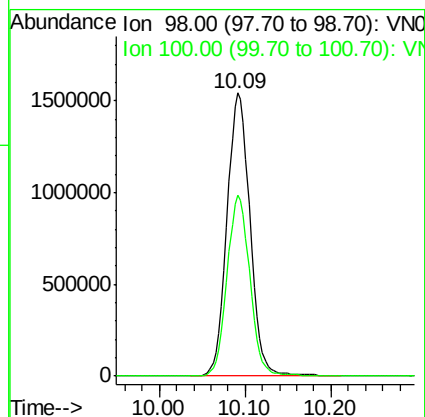
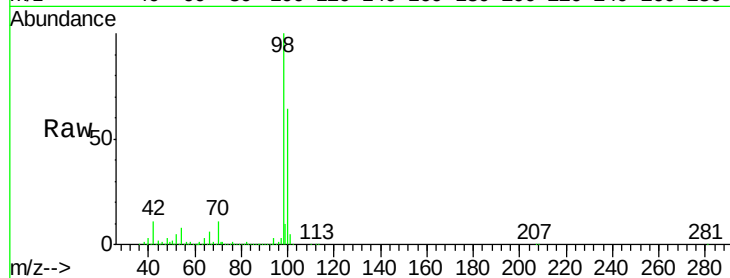
SC-01-ABC

Tot Ion: 98 Resp: 2870493

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 35.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

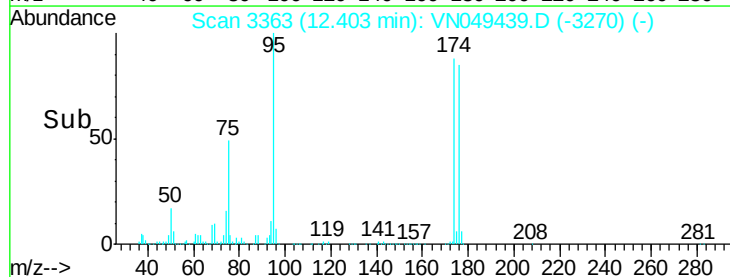
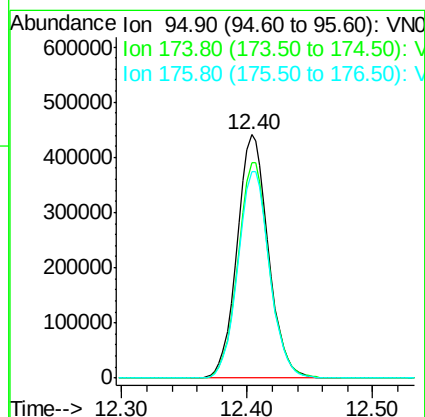
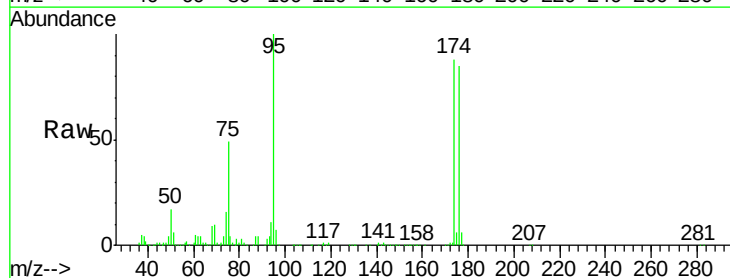
Tgt Ion: 95 Resp: 762345

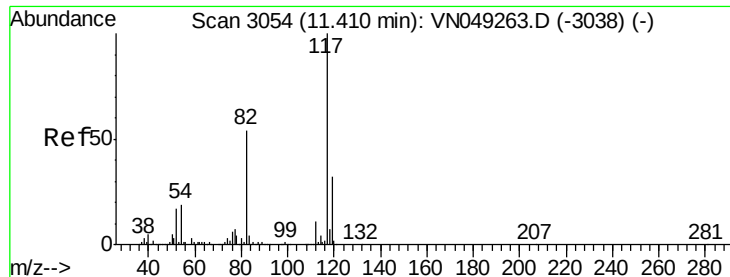
Ion Ratio Lower Upper

95 100

174 89.0 0.0 165.6

176 85.9 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: VN049439.D

Acq: 20 Jun 2018 16:37

Instrument :

MSVOA_N

ClientSampled :

SC-01-ABC

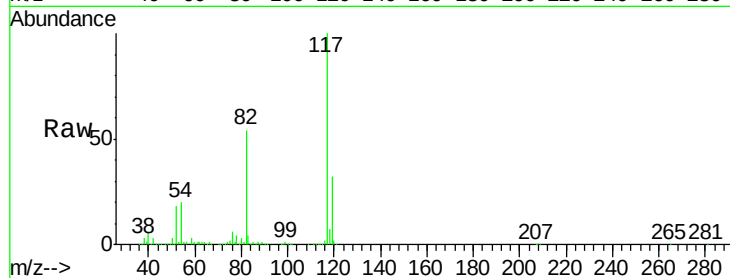
Tot Ion:117 Resp: 1716560

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

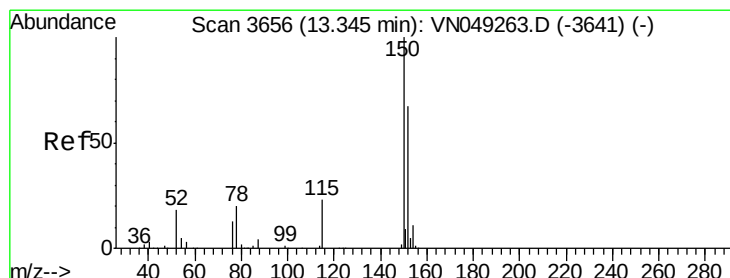
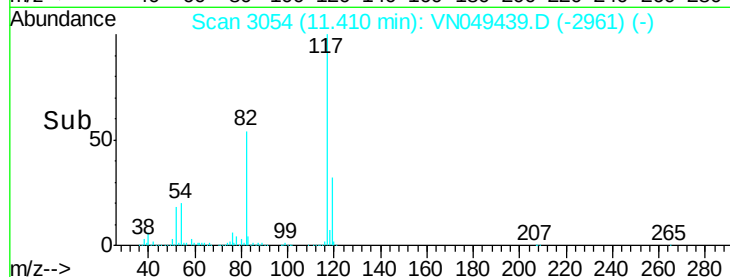
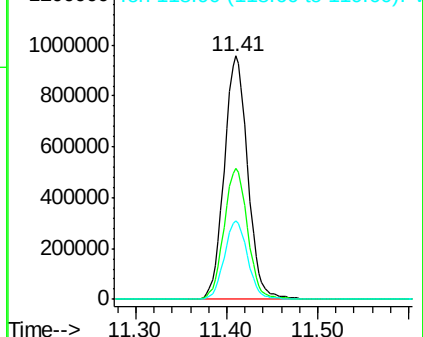
119 32.4 25.5 38.3



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

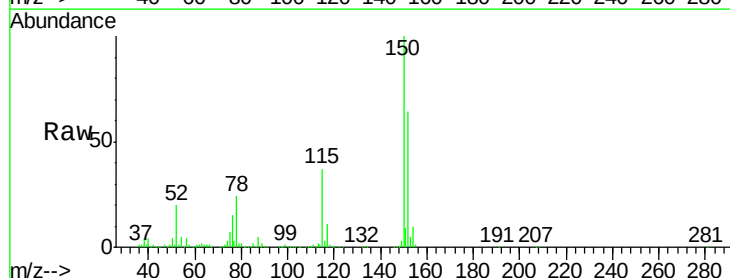
Tgt Ion:152 Resp: 559597

Ion Ratio Lower Upper

152 100

115 56.2 28.7 86.1

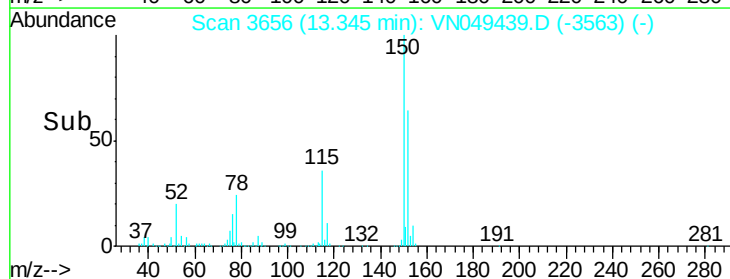
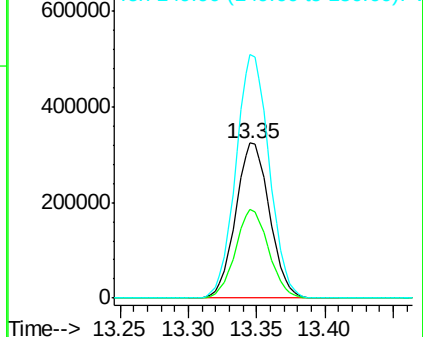
150 154.8 0.0 351.0

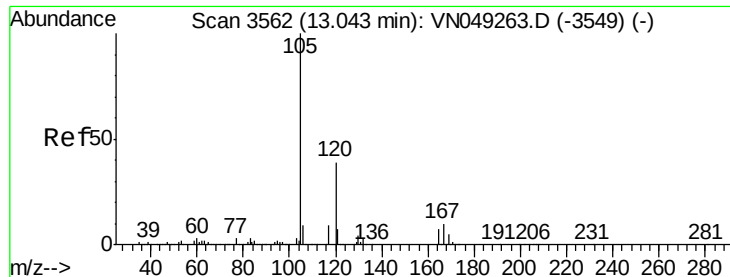


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.70 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

Instrument :

MSVOA_N

ClientSampled :

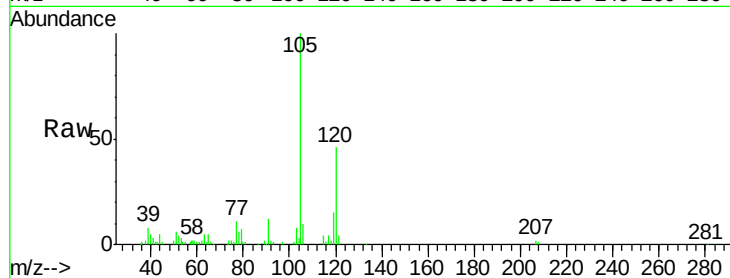
SC-01-ABC

Tot Ion:105 Resp: 65230

Ion Ratio Lower Upper

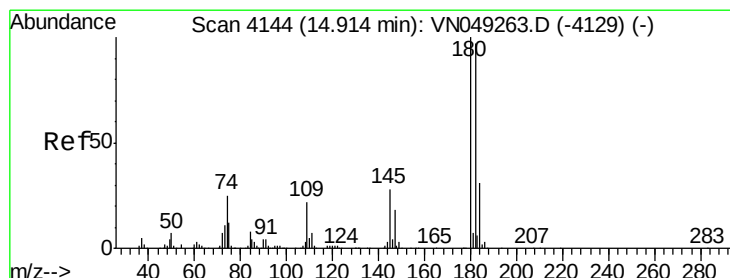
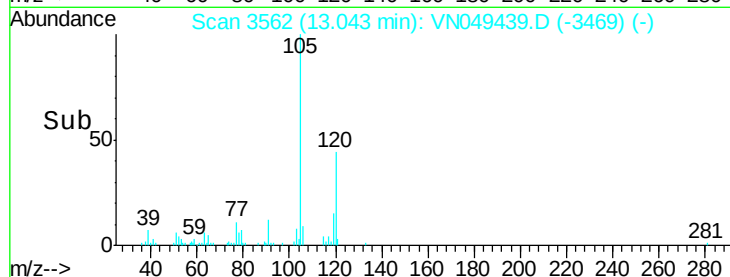
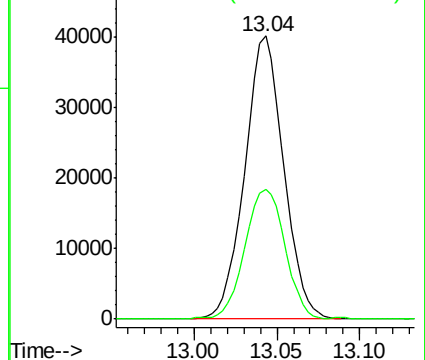
105 100

120 47.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 5.26 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

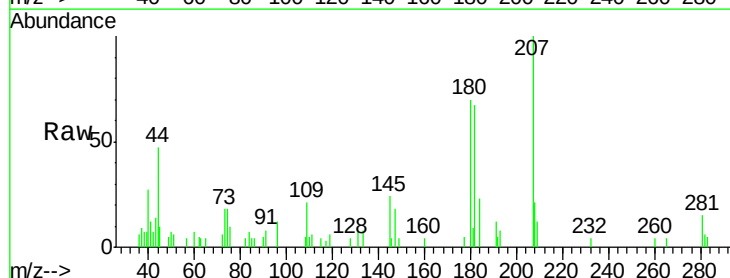
Tgt Ion:180 Resp: 5536

Ion Ratio Lower Upper

180 100

182 92.1 46.9 140.8

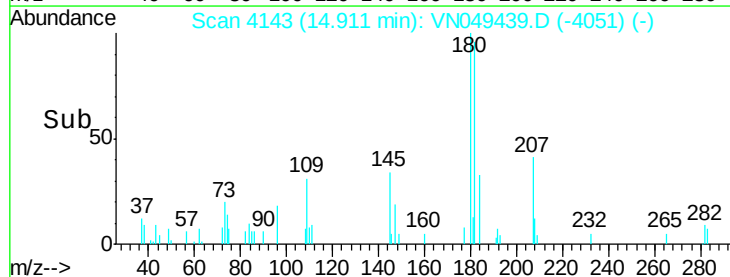
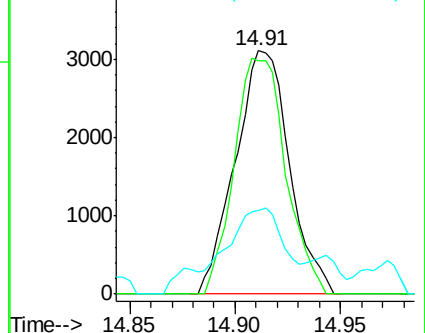
145 23.8 14.7 44.1

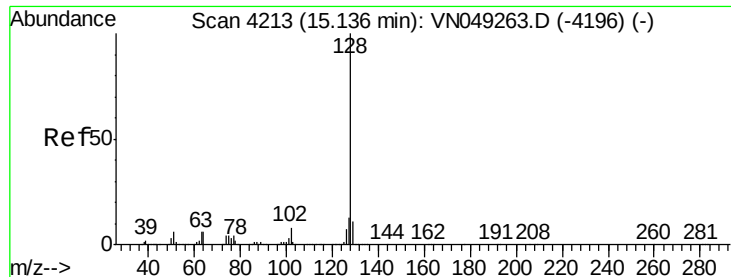


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 9.59 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

Instrument :

MSVOA_N

ClientSampleId :

SC-01-ABC

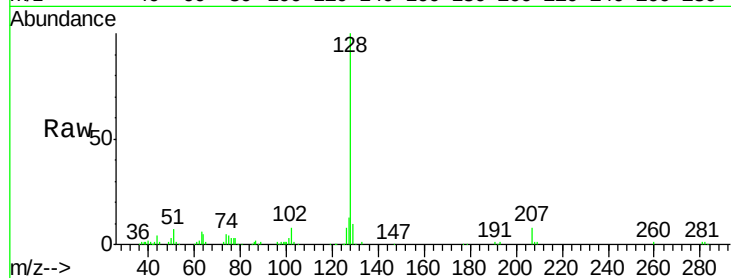
Tot Ion:128 Resp: 118964

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

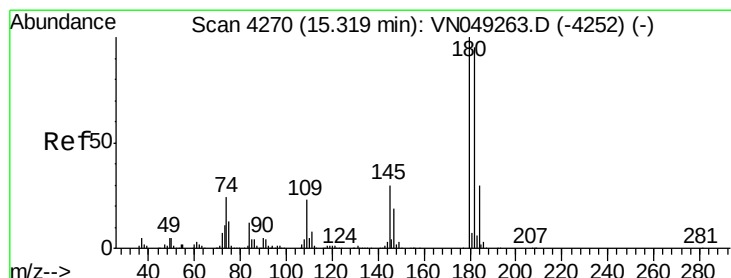
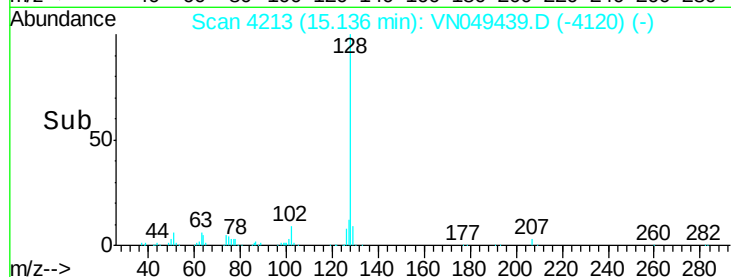
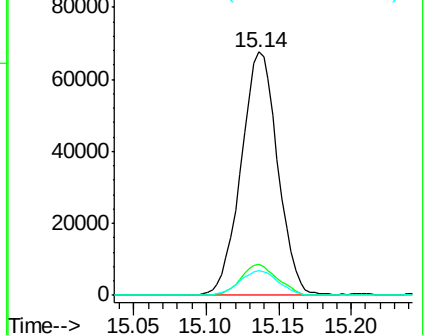
129 10.9 8.5 12.7



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



#96

1,2,3-Trichlorobenzene

Concen: 4.11 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049439.D

Acq: 20 Jun 2018 16:37

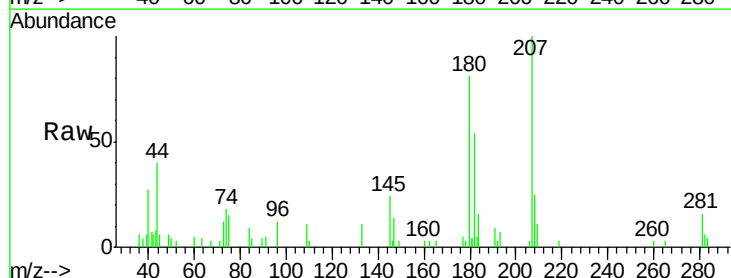
Tgt Ion:180 Resp: 6593

Ion Ratio Lower Upper

180 100

182 79.8 47.3 141.8

145 49.8 15.6 46.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

