

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049417.D
 Acq On : 20 Jun 2018 5:46
 Operator : MD\SY
 Sample : J3573-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-53-COMP

Quant Time: Jun 20 08:26:37 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

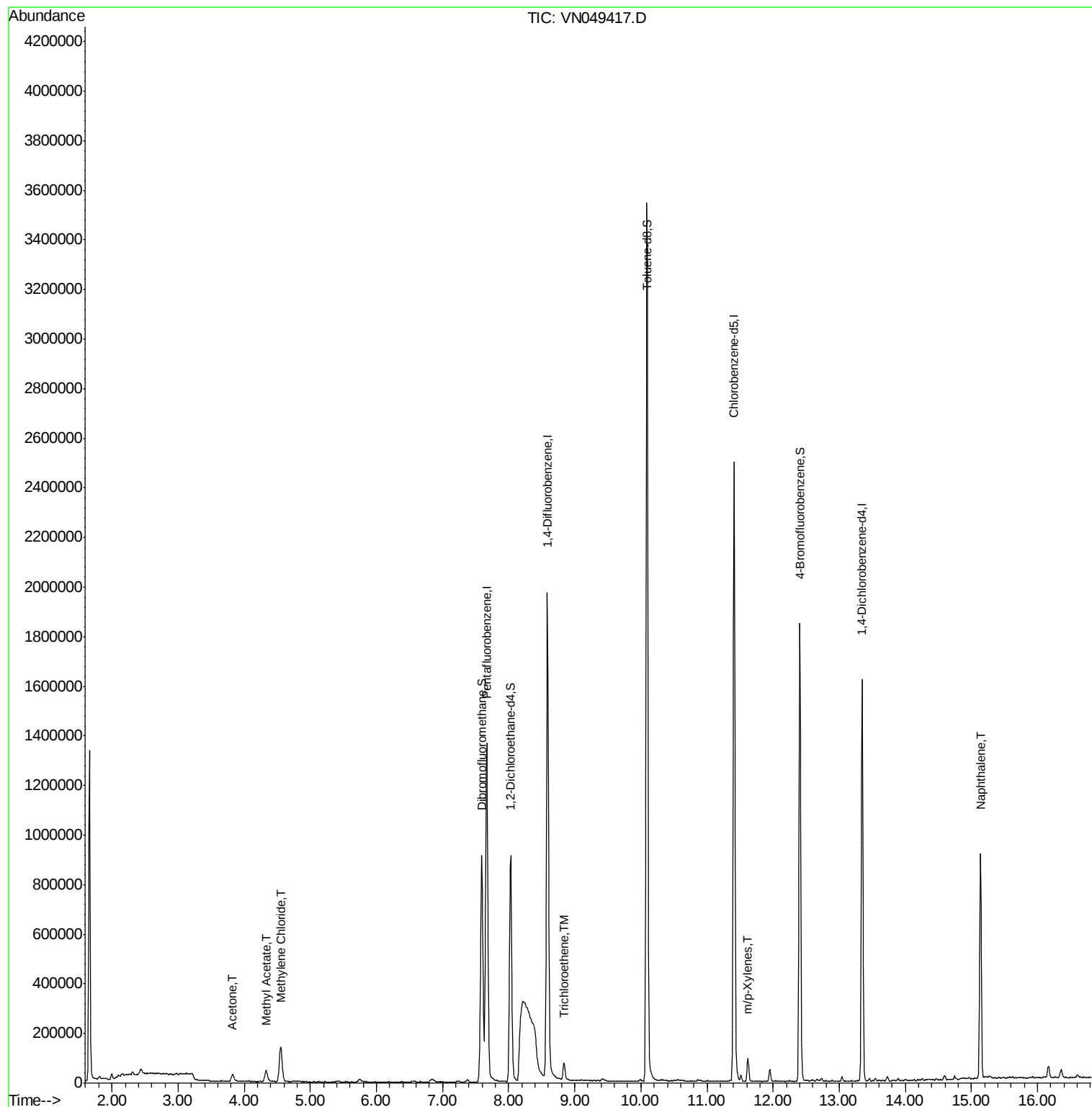
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1176624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1891000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1541698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	459483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	794022	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	699649	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
50) Toluene-d8	10.09	98	2559419	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	
62) 4-Bromofluorobenzene	12.40	95	652405	33.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.74%	
Target Compounds						
16) Acetone	3.82	43	47173	12.449	ug/l	92
18) Methyl Acetate	4.33	43	89704	7.764	ug/l	92
20) Methylene Chloride	4.55	84	105435	6.662	ug/l	91
44) Trichloroethene	8.84	130	26155	1.491	ug/l	84
68) m/p-Xylenes	11.62	106	29019	1.174	ug/l	96
95) Naphthalene	15.14	128	798955	56.000	ug/l	100

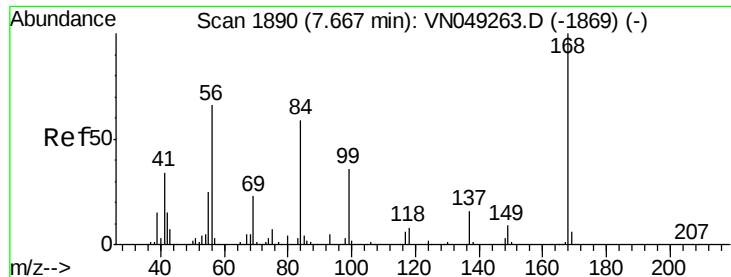
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

ClientSampled :

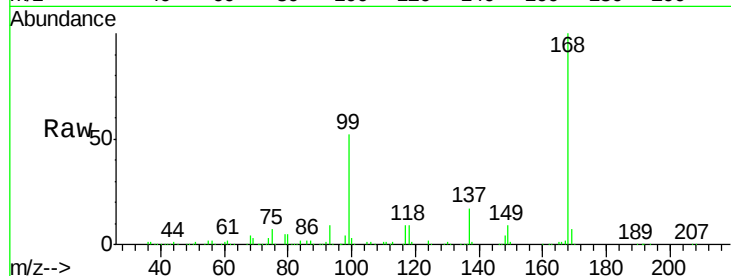
SB-53-COMP

Tot Ion:168 Resp: 1176624

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): VN

7.67

500000

400000

300000

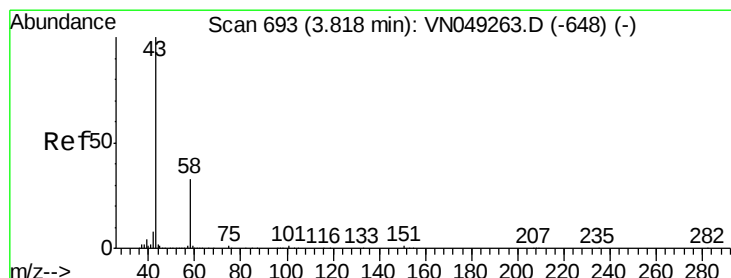
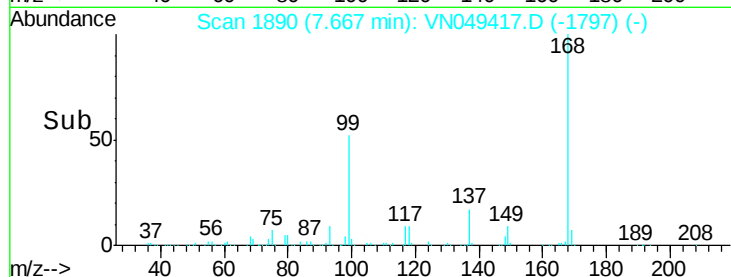
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 12.449 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049417.D

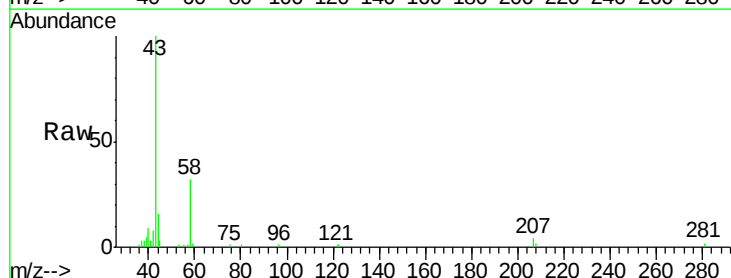
Acq: 20 Jun 2018 5:46

Tgt Ion: 43 Resp: 47173

Ion Ratio Lower Upper

43 100

58 32.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

20000

15000

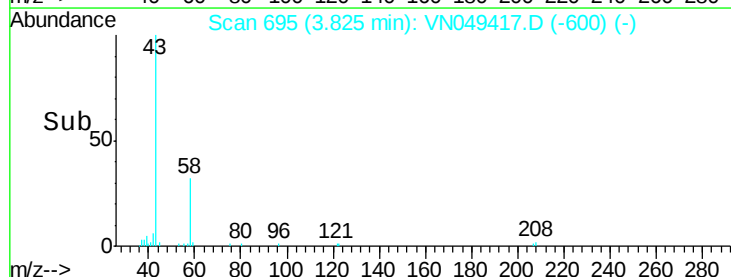
10000

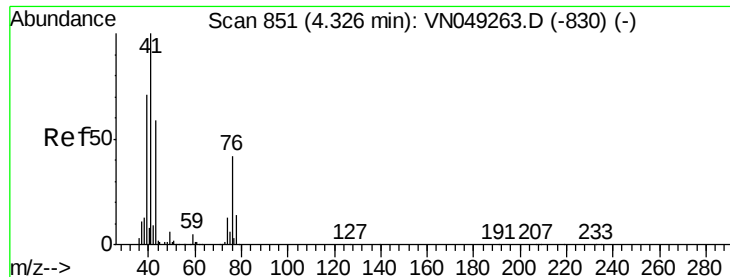
5000

0

3.70 3.80 3.90

Time-->

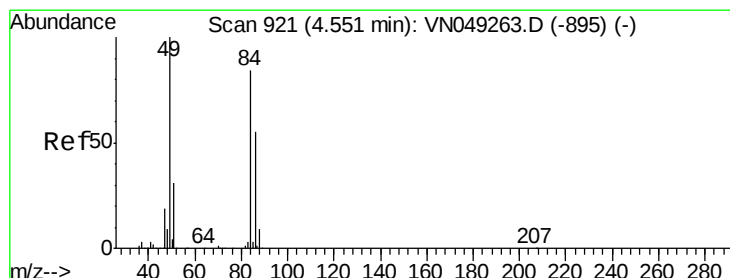
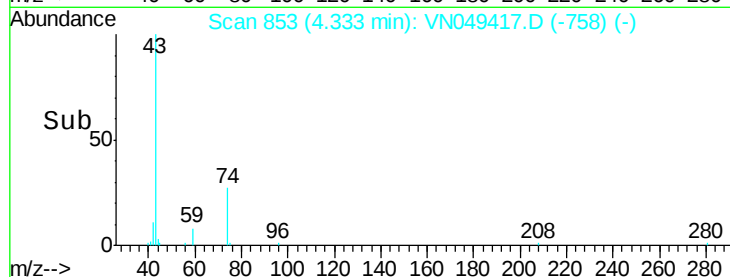
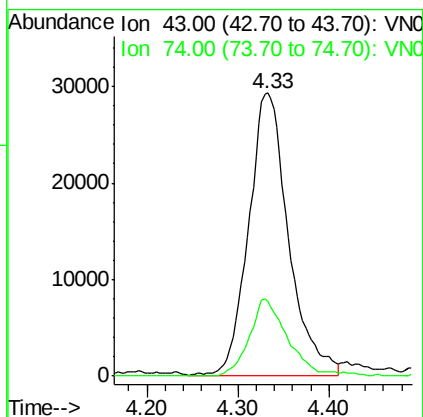
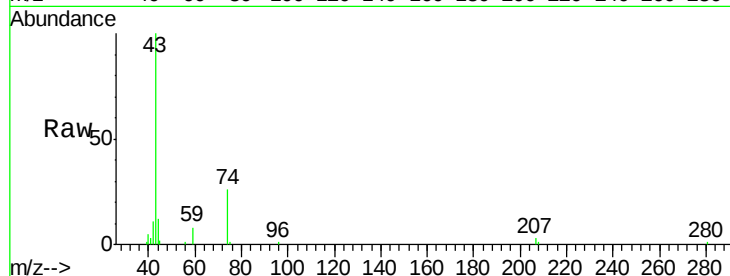




#18
Methvl Acetate
Concen: 7.764 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

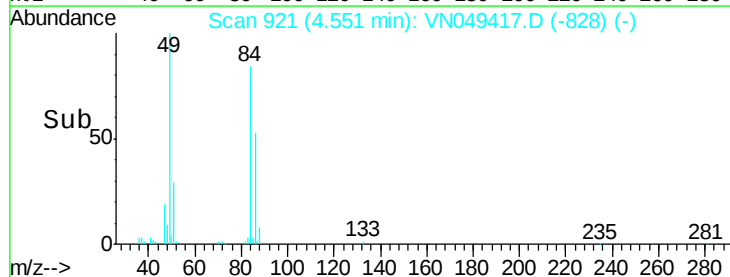
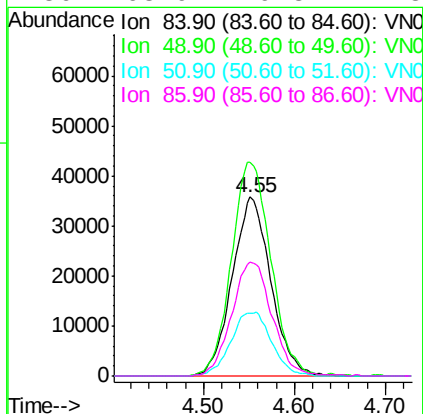
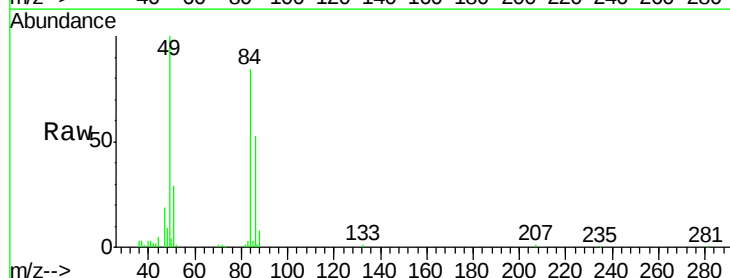
Instrument :
MSVOA_N
ClientSampleId :
SB-53-COMP

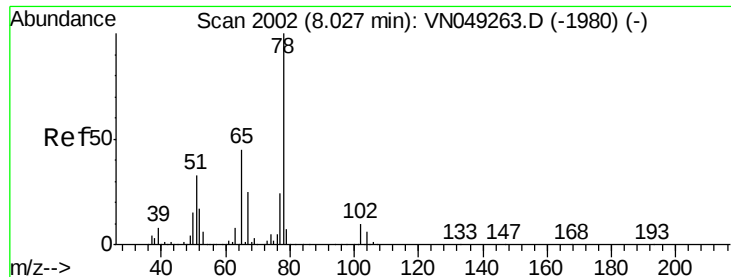
Tot Ion: 43 Resp: 89704
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0



#20
Methylene Chloride
Concen: 6.662 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

Tgt Ion: 84 Resp: 105435
Ion Ratio Lower Upper
84 100
49 119.6 106.9 160.3
51 35.0 32.7 49.1
86 63.9 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.879 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

ClientSampleId :

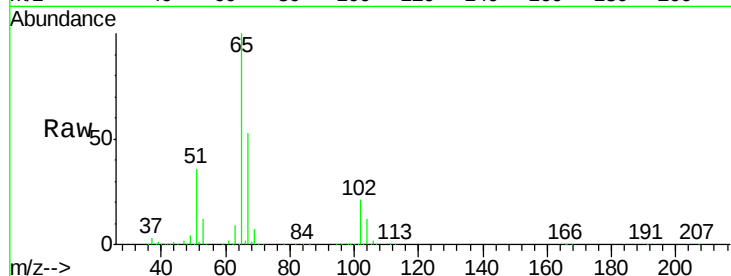
SB-53-COMP

Tot Ion: 65 Resp: 794022

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049417.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049417.D (-1909) (-)

8.03

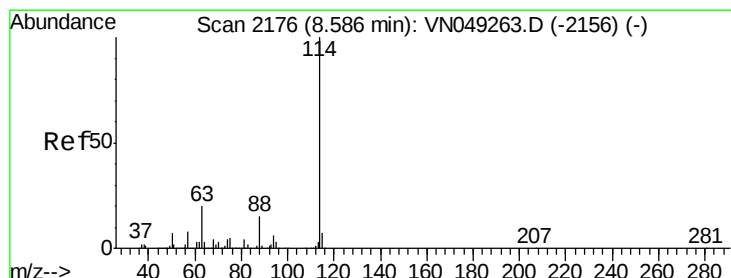
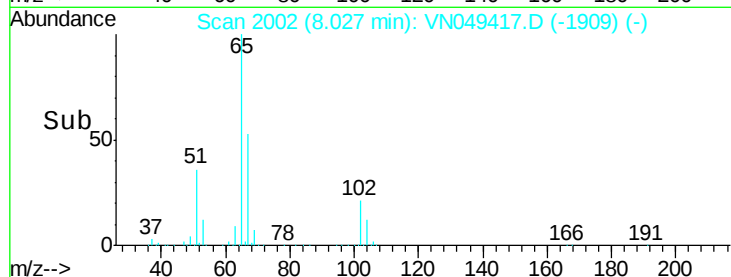
300000

200000

100000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

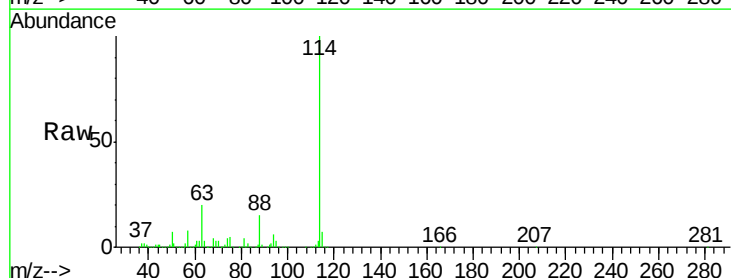
Tgt Ion: 114 Resp: 1891000

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.4

88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049417.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049417.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049417.D (-2083) (-)

8.59

1200000

1000000

800000

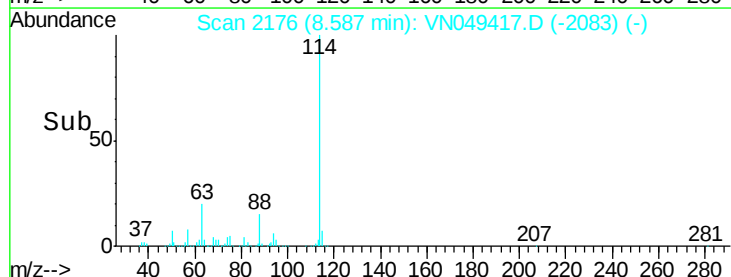
600000

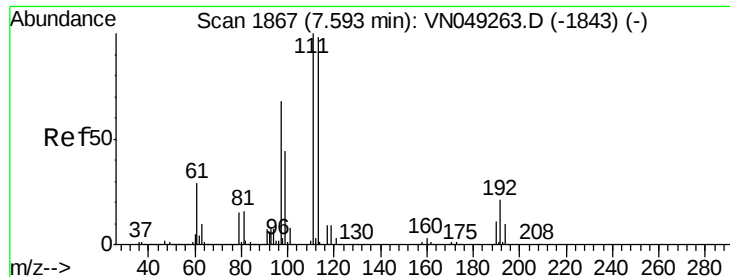
400000

200000

0

Time--> 8.50 8.60 8.70 8.80

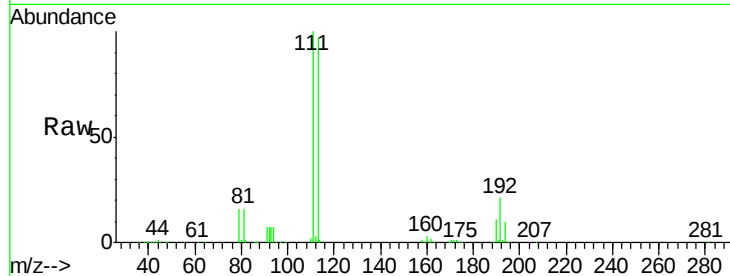




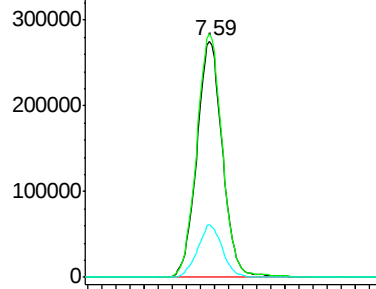
#35
 Dibromofluoromethane
 Concen: 45.732 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049417.D
 Acq: 20 Jun 2018 5:46

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-53-COMP

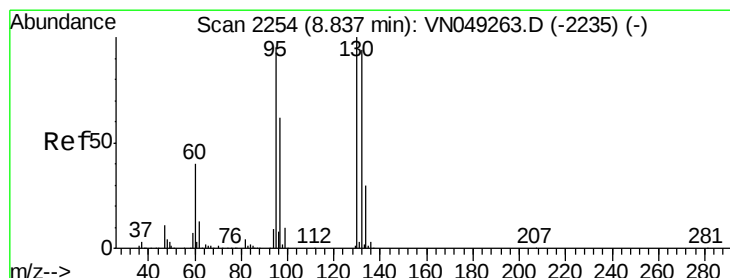
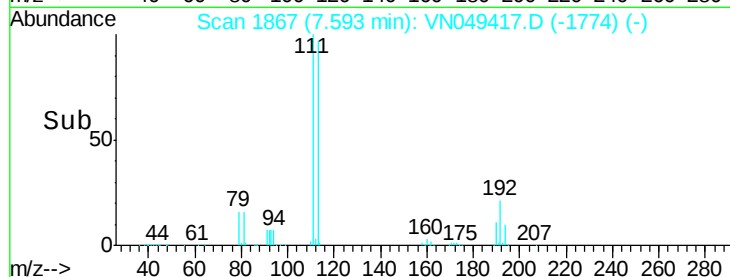
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	21.6	15.0	22.6



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

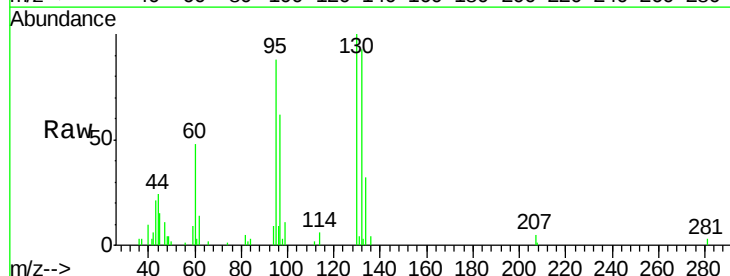


Time-->

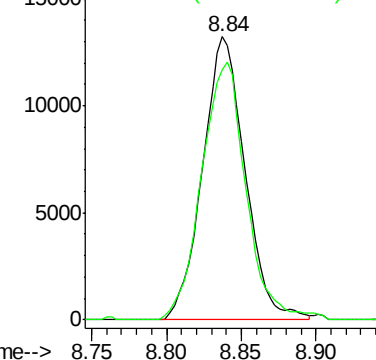


#44
 Trichloroethene
 Concen: 1.491 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN049417.D
 Acq: 20 Jun 2018 5:46

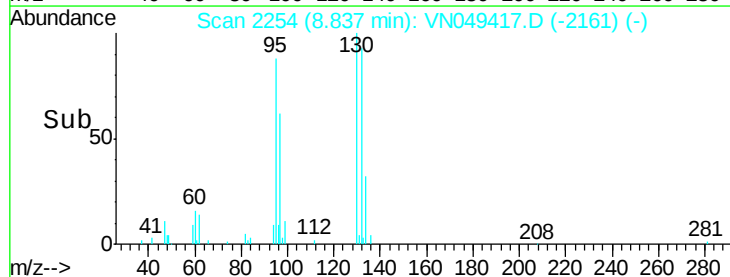
Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	208.6

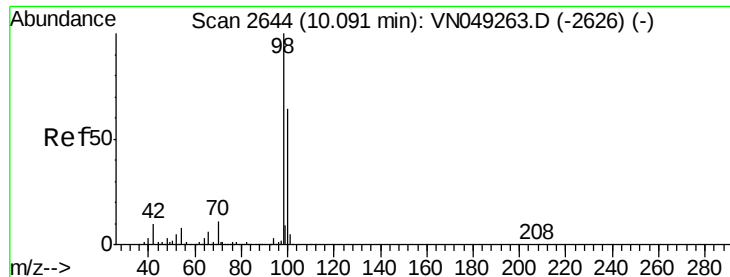


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V



Time-->





#50

Toluene-d8

Concen: 43.936 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

ClientSampleId :

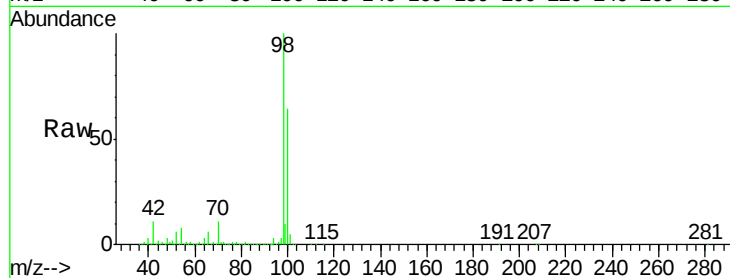
SB-53-COMP

Tot Ion: 98 Resp: 2559419

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049417.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049417.D (-2551) (-)

10.09

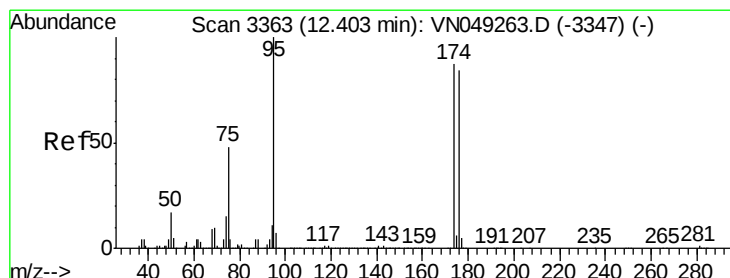
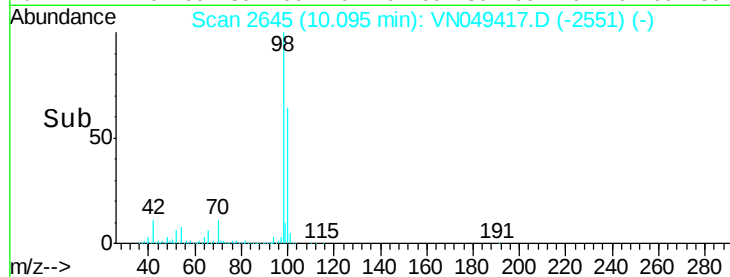
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.871 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

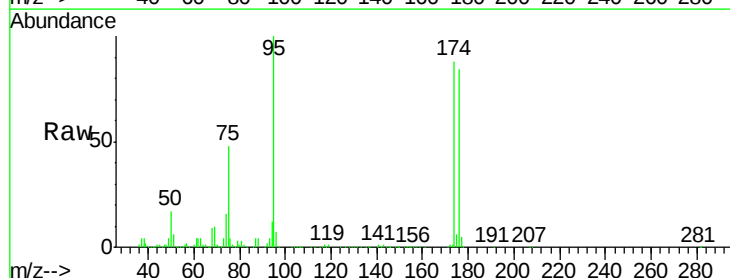
Tgt Ion: 95 Resp: 652405

Ion Ratio Lower Upper

95 100

174 89.3 0.0 165.6

176 86.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049417.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049417.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049417.D (-3270) (-)

12.40

500000

400000

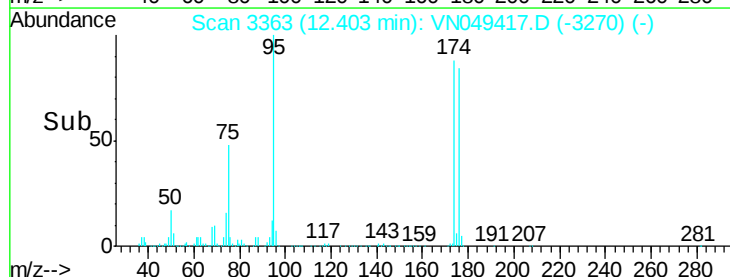
300000

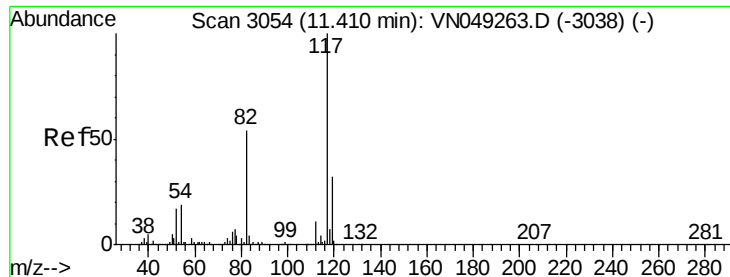
200000

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: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

ClientSampled :

SB-53-COMP

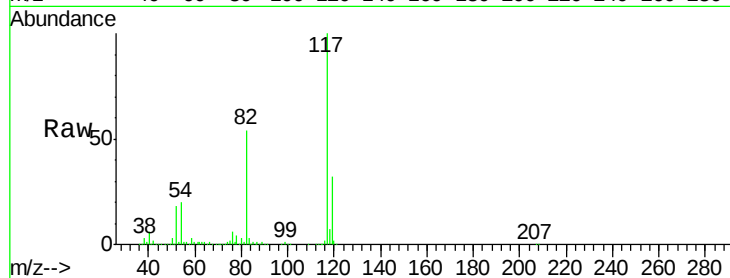
Tot Ion:117 Resp: 1541698

Ion Ratio Lower Upper

117 100

82 54.2 45.9 68.9

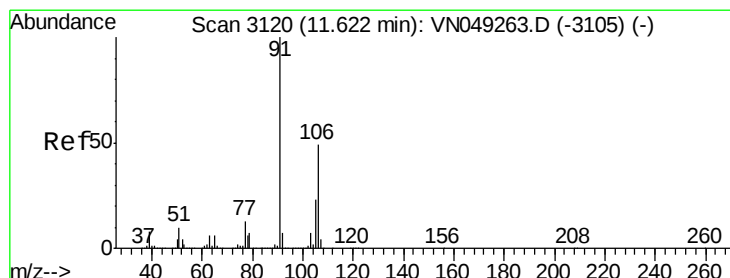
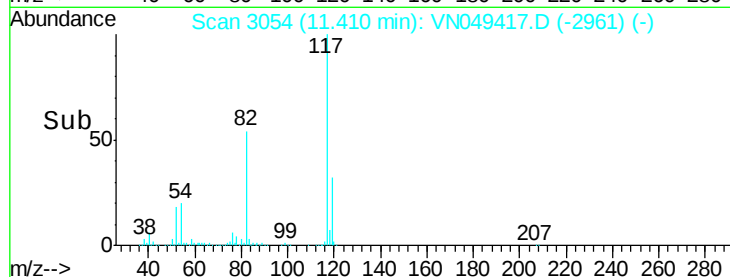
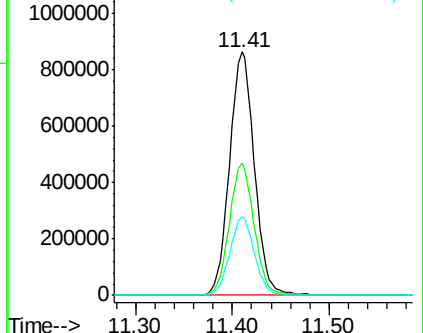
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 1.174 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. -0.01 min

Lab File: VN049417.D

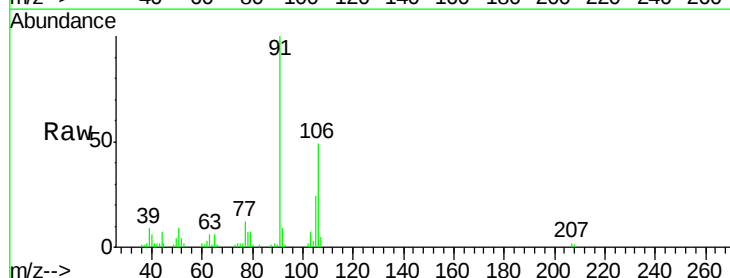
Acq: 20 Jun 2018 5:46

Tgt Ion:106 Resp: 29019

Ion Ratio Lower Upper

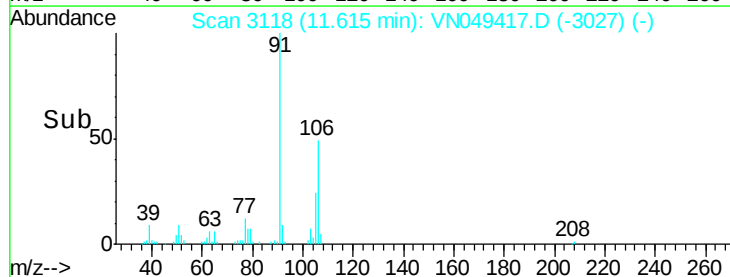
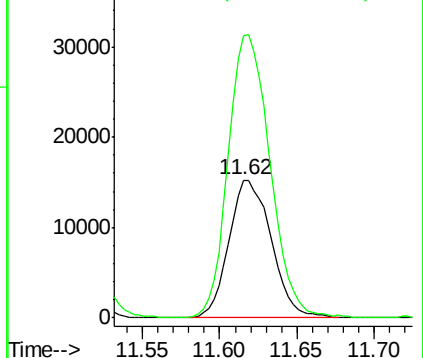
106 100

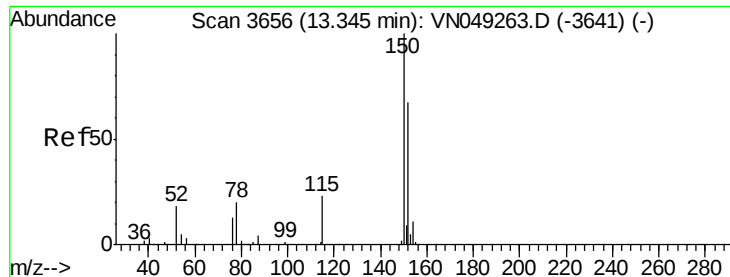
91 203.4 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

ClientSampleId :

SB-53-COMP

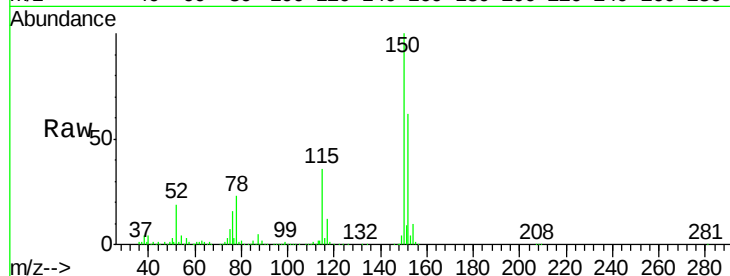
Tot Ion:152 Resp: 459483

Ion Ratio Lower Upper

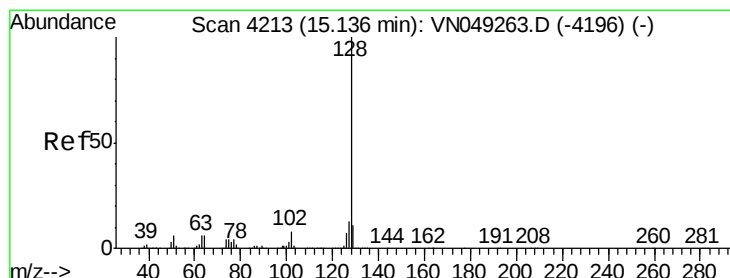
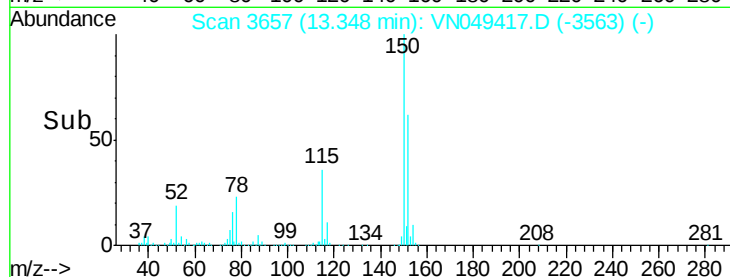
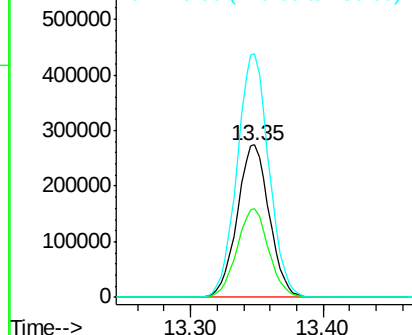
152 100

115 57.5 28.7 86.1

150 158.7 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: 56.000 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

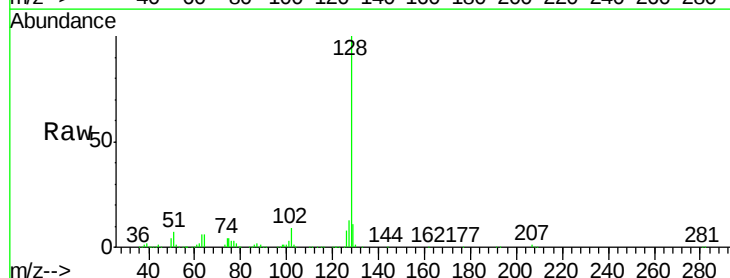
Tgt Ion:128 Resp: 798955

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.7 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

