

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049464.D
 Acq On : 21 Jun 2018 13:18
 Operator : MD\SY
 Sample : PB110441ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110441ZHE#01

Quant Time: Jun 22 04:03:30 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	1171576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1849770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1540465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	401593	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	812618	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	7.59	113	709465	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	10.09	98	2545160	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
62) 4-Bromofluorobenzene	12.40	95	609807	32.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.72%	

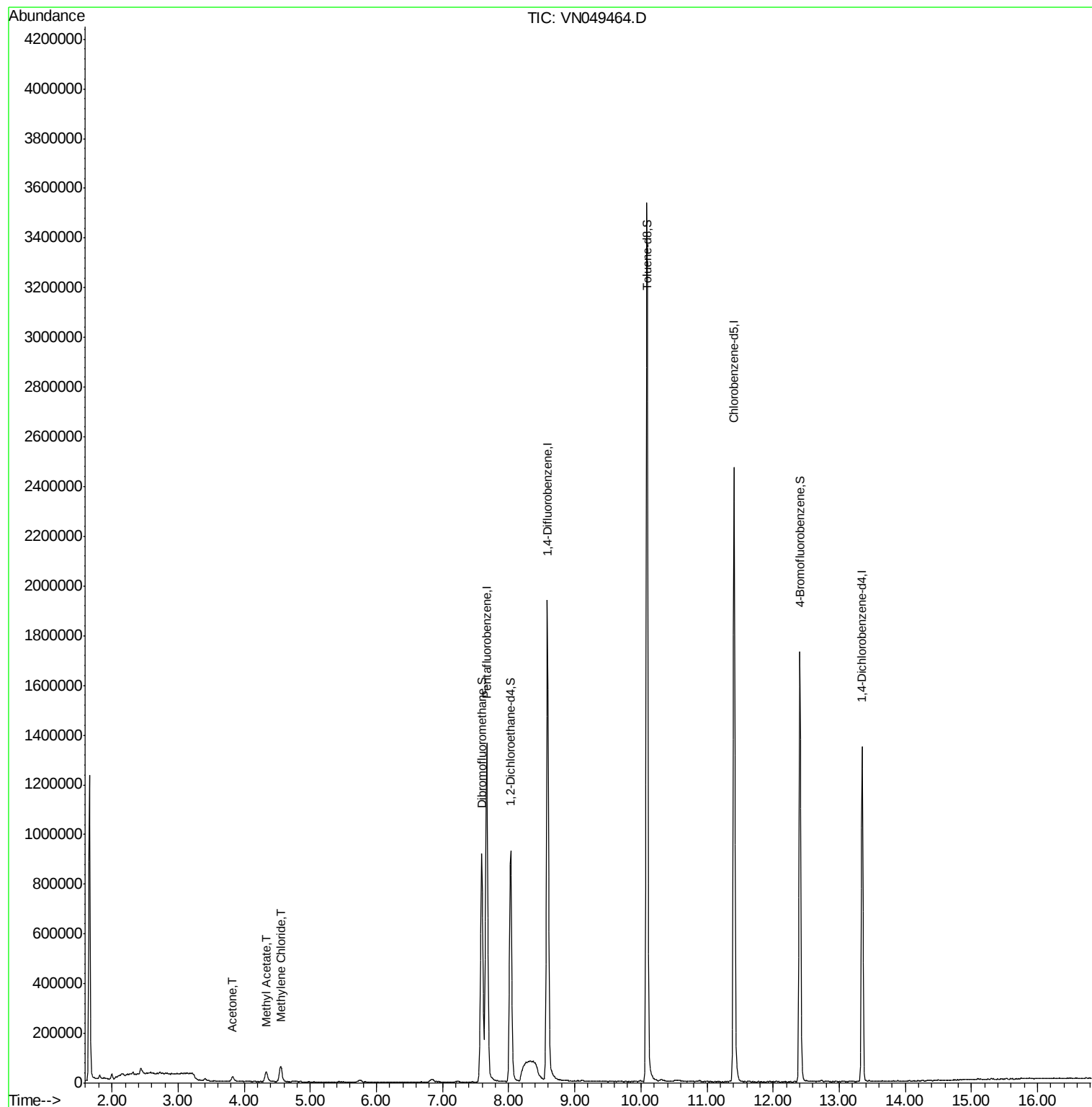
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	32611	8.64	ug/l	99
18) Methyl Acetate	4.33	43	80819	7.03	ug/l	96
20) Methylene Chloride	4.55	84	47546	3.02	ug/l	87

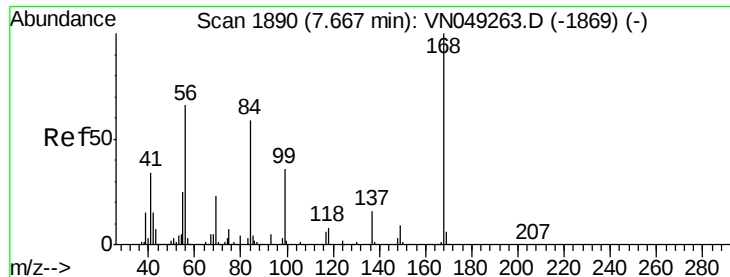
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049464.D

Acq: 21 Jun 2018 13:18

Instrument :

MSVOA_N

ClientSampleId :

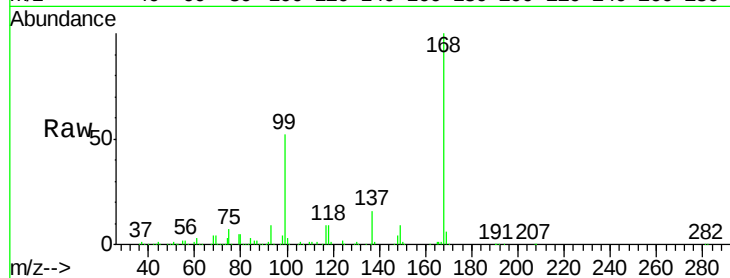
PB110441ZHE#01

Tot Ion:168 Resp: 1171576

Ion Ratio Lower Upper

168 100

99 52.3 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

500000

400000

300000

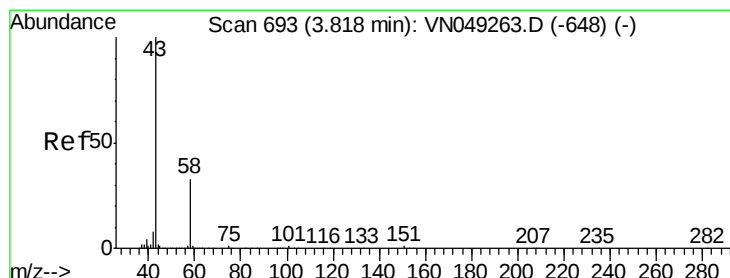
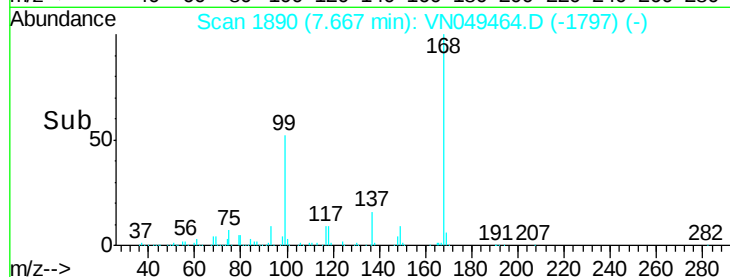
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.64 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049464.D

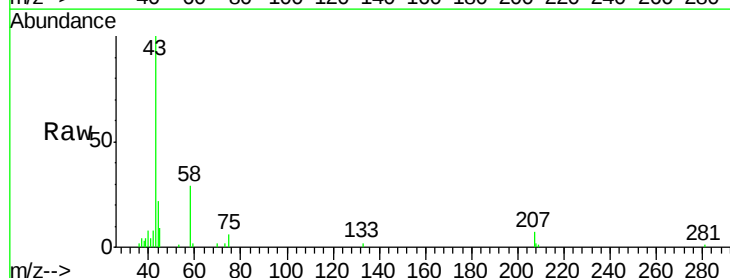
Acq: 21 Jun 2018 13:18

Tgt Ion: 43 Resp: 32611

Ion Ratio Lower Upper

43 100

58 28.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

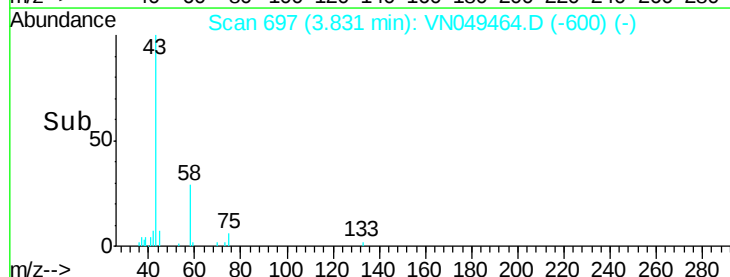
10000

5000

0

3.70 3.80 3.90

Time-->

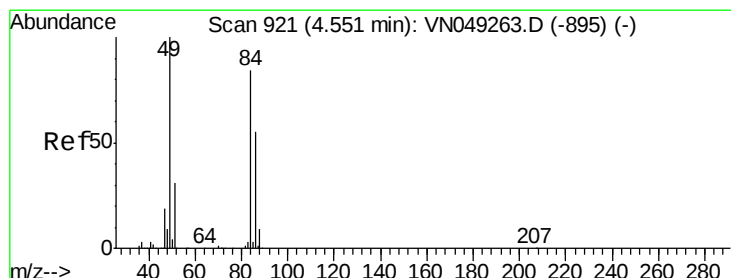
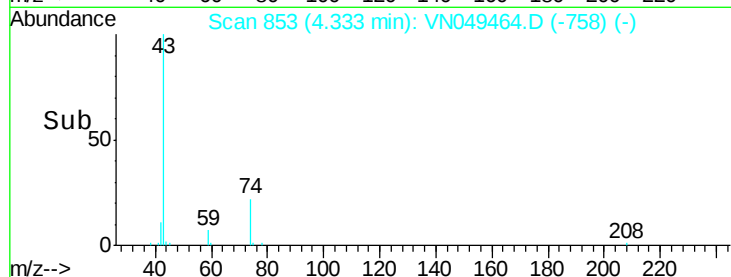
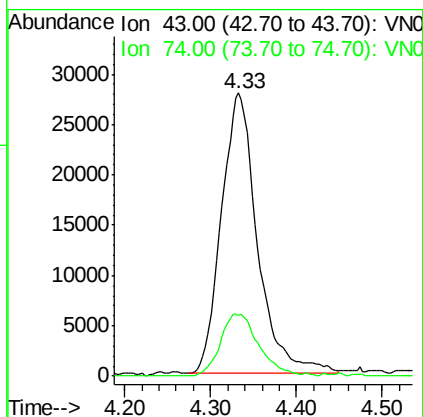
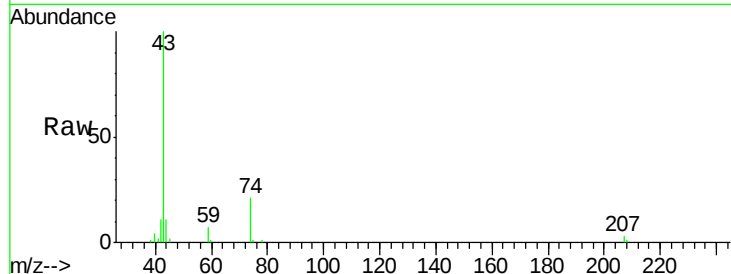




#18
Methvl Acetate
Concen: 7.03 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049464.D
Acq: 21 Jun 2018 13:18

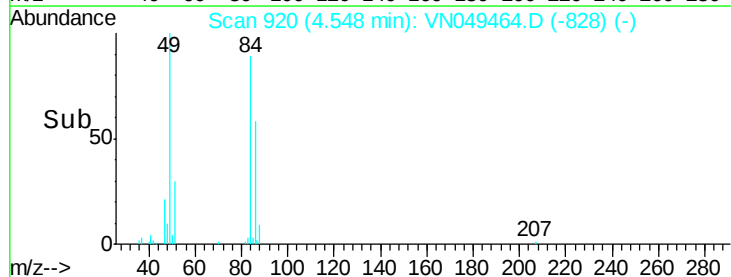
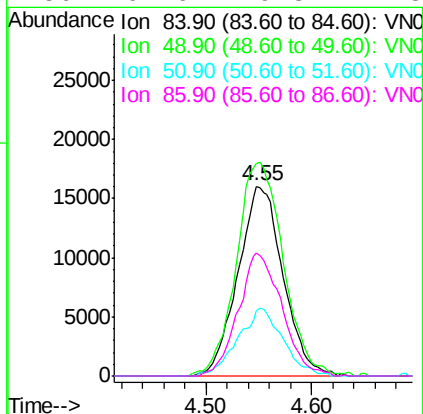
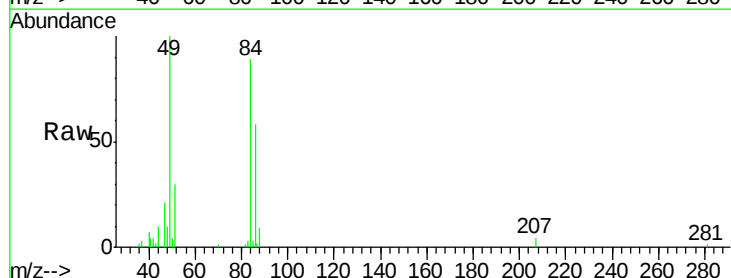
Instrument :
MSVOA_N
ClientSampleId :
PB110441ZHE#01

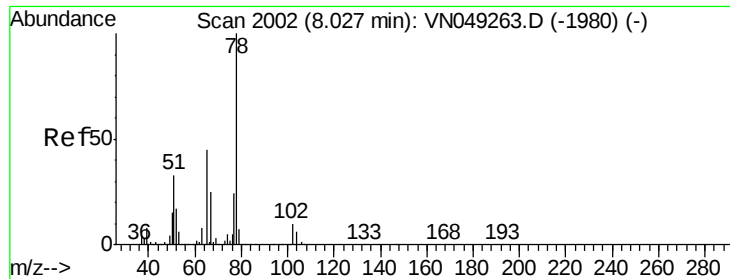
Tot Ion: 43 Resp: 80819
Ion Ratio Lower Upper
43 100
74 23.5 17.4 26.0



#20
Methylene Chloride
Concen: 3.02 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049464.D
Acq: 21 Jun 2018 13:18

Tgt Ion: 84 Resp: 47546
Ion Ratio Lower Upper
84 100
49 112.1 106.9 160.3
51 34.0 32.7 49.1
86 64.6 49.8 74.8

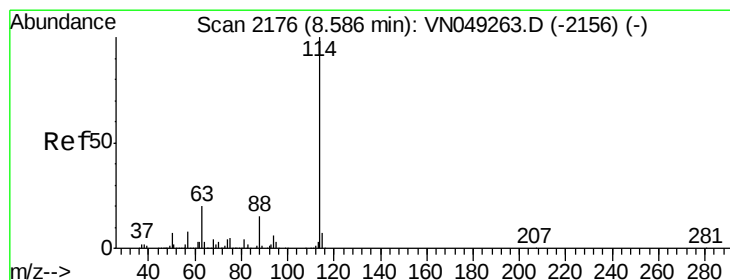
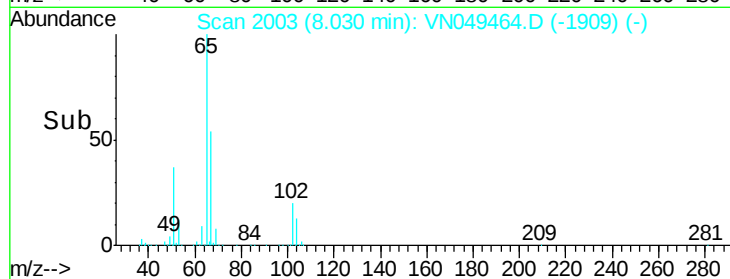
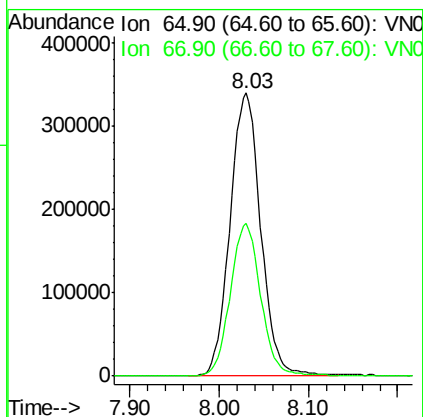
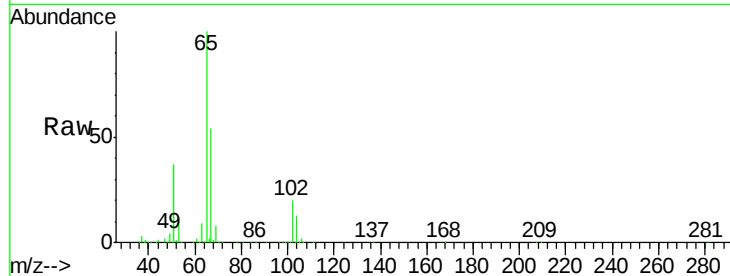




#33
 1,2-Dichloroethane-d4
 Concen: 52.30 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049464.D
 Acq: 21 Jun 2018 13:18

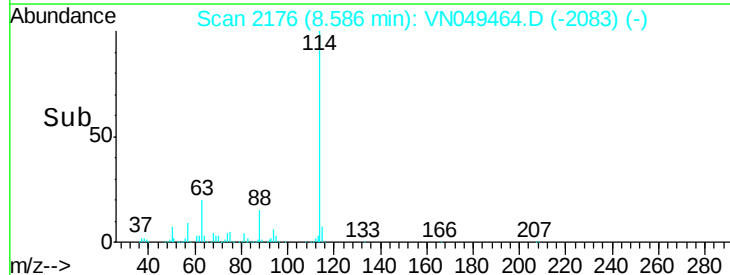
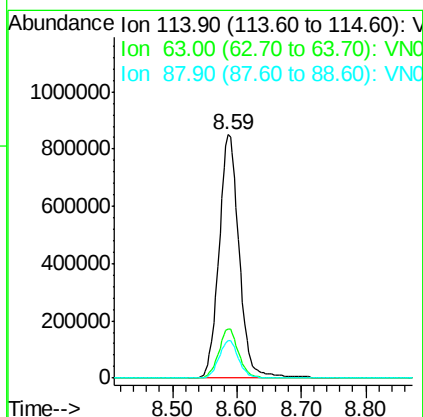
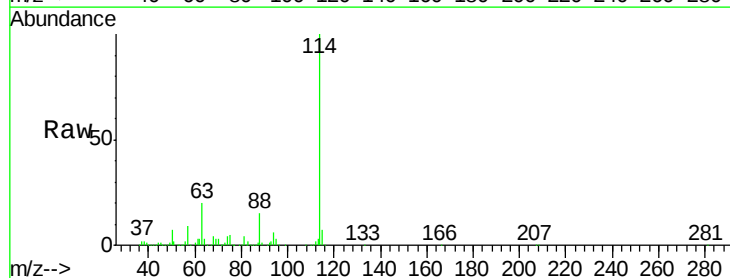
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110441ZHE#01

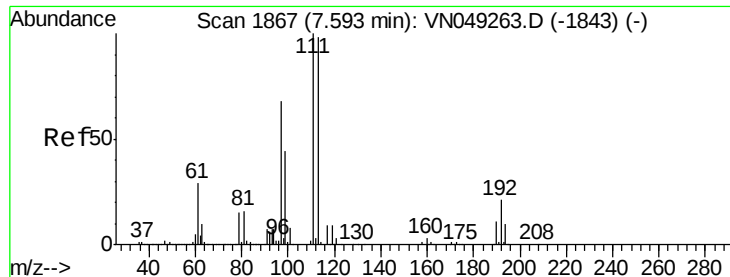
Tot Ion: 65 Resp: 812618
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049464.D
 Acq: 21 Jun 2018 13:18

Tgt Ion: 114 Resp: 1849770
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.3 0.0 31.4

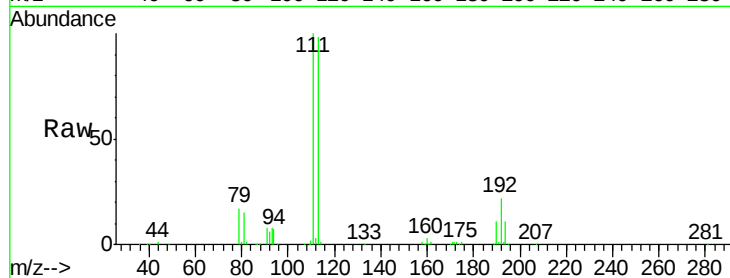




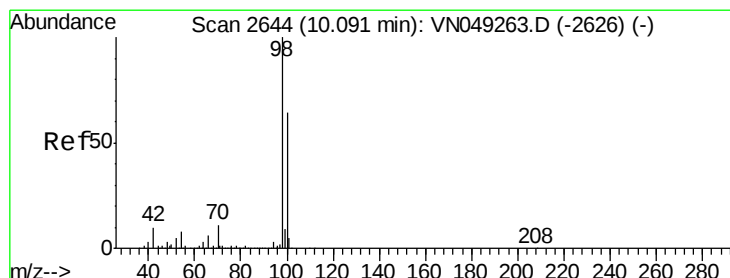
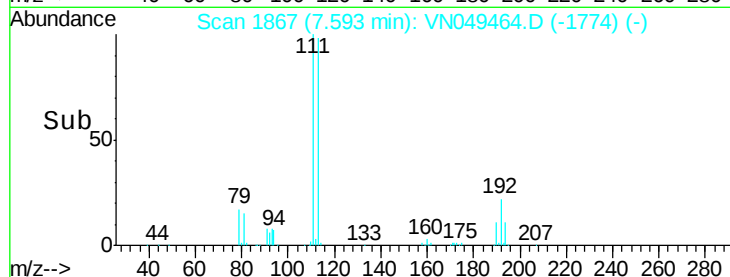
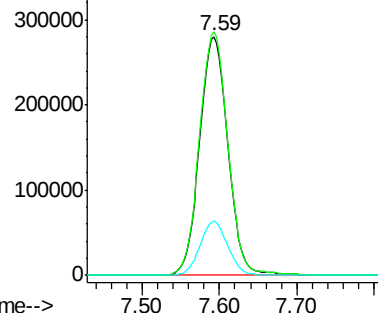
#35
 Dibromofluoromethane
 Concen: 47.41 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049464.D
 Acq: 21 Jun 2018 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110441ZHE#01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	22.3	15.0	22.6

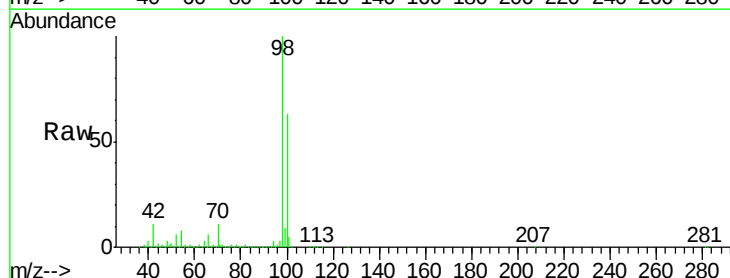


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

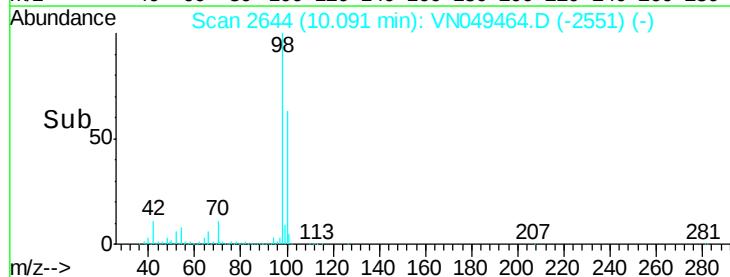
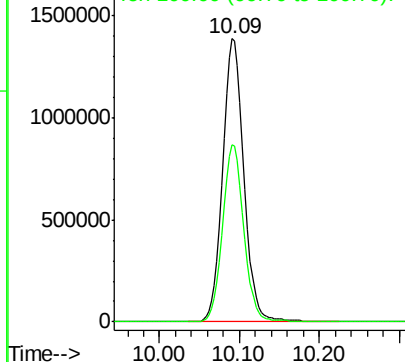


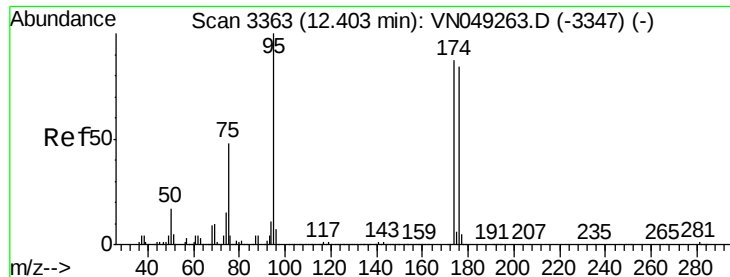
#50
 Toluene-d8
 Concen: 44.66 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049464.D
 Acq: 21 Jun 2018 13:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 32.36 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049464.D

Acq: 21 Jun 2018 13:18

Instrument :

MSVOA_N

ClientSampleId :

PB110441ZHE#01

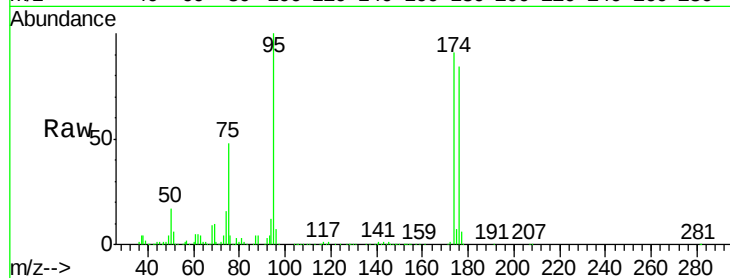
Tot Ion: 95 Resp: 609807

Ion Ratio Lower Upper

95 100

174 91.7 0.0 165.6

176 86.6 0.0 157.4

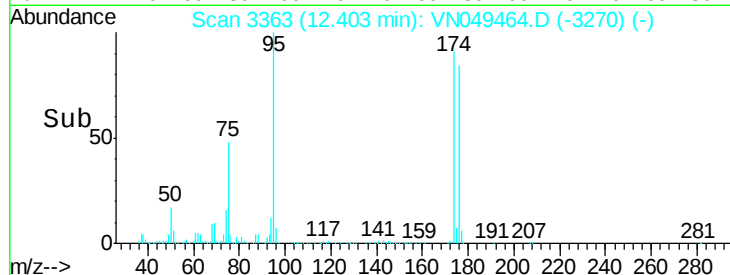


Abundance Ion 94.90 (94.60 to 95.60): VN049464.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049464.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049464.D (-3270) (-)

Time--> 12.30 12.40 12.50

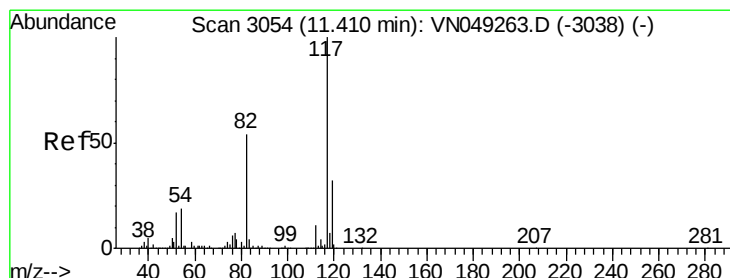


Abundance Ion 94.90 (94.60 to 95.60): VN049464.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049464.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049464.D (-3270) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049464.D

Acq: 21 Jun 2018 13:18

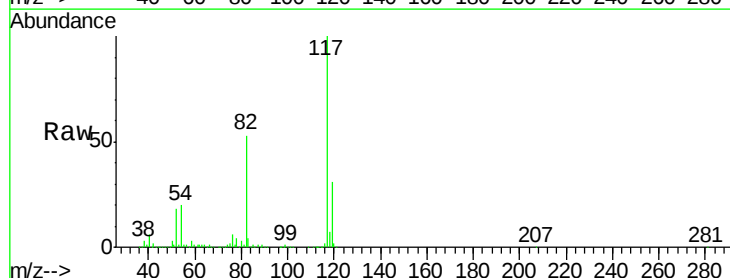
Tgt Ion: 117 Resp: 1540465

Ion Ratio Lower Upper

117 100

82 52.8 45.9 68.9

119 31.3 25.5 38.3

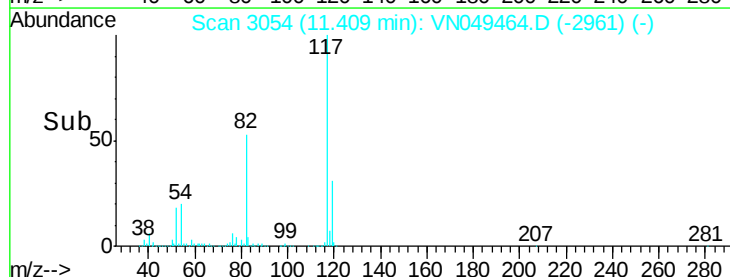


Abundance Ion 116.90 (116.60 to 117.60): VN049464.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049464.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049464.D (-2961) (-)

Time--> 11.30 11.40 11.50

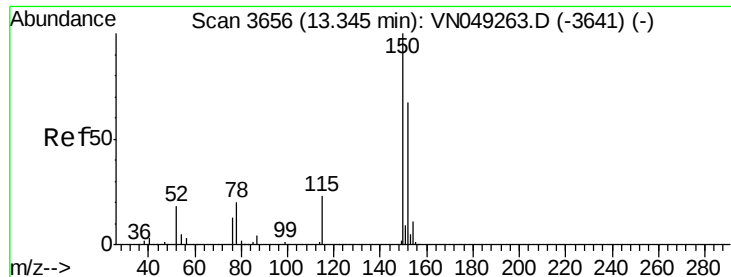


Abundance Ion 116.90 (116.60 to 117.60): VN049464.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049464.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049464.D (-2961) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049464.D

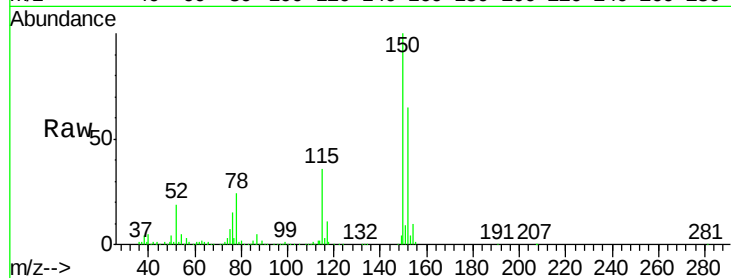
Acq: 21 Jun 2018 13:18

Instrument :

MSVOA_N

ClientSampleId :

PB110441ZHE#01



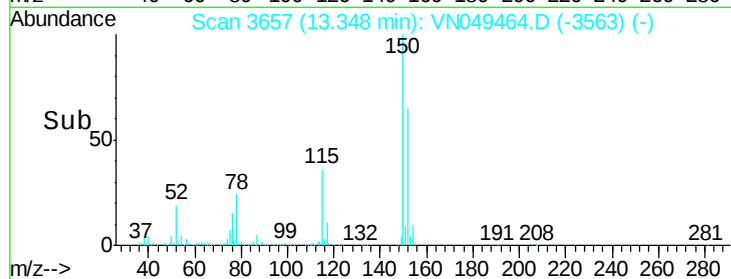
Tot Ion:152 Resp: 401593

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

150 156.2 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

