

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049404.D
 Acq On : 19 Jun 2018 23:21
 Operator : MD\SY
 Sample : PB110363ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#16

Quant Time: Jun 20 05:42:43 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

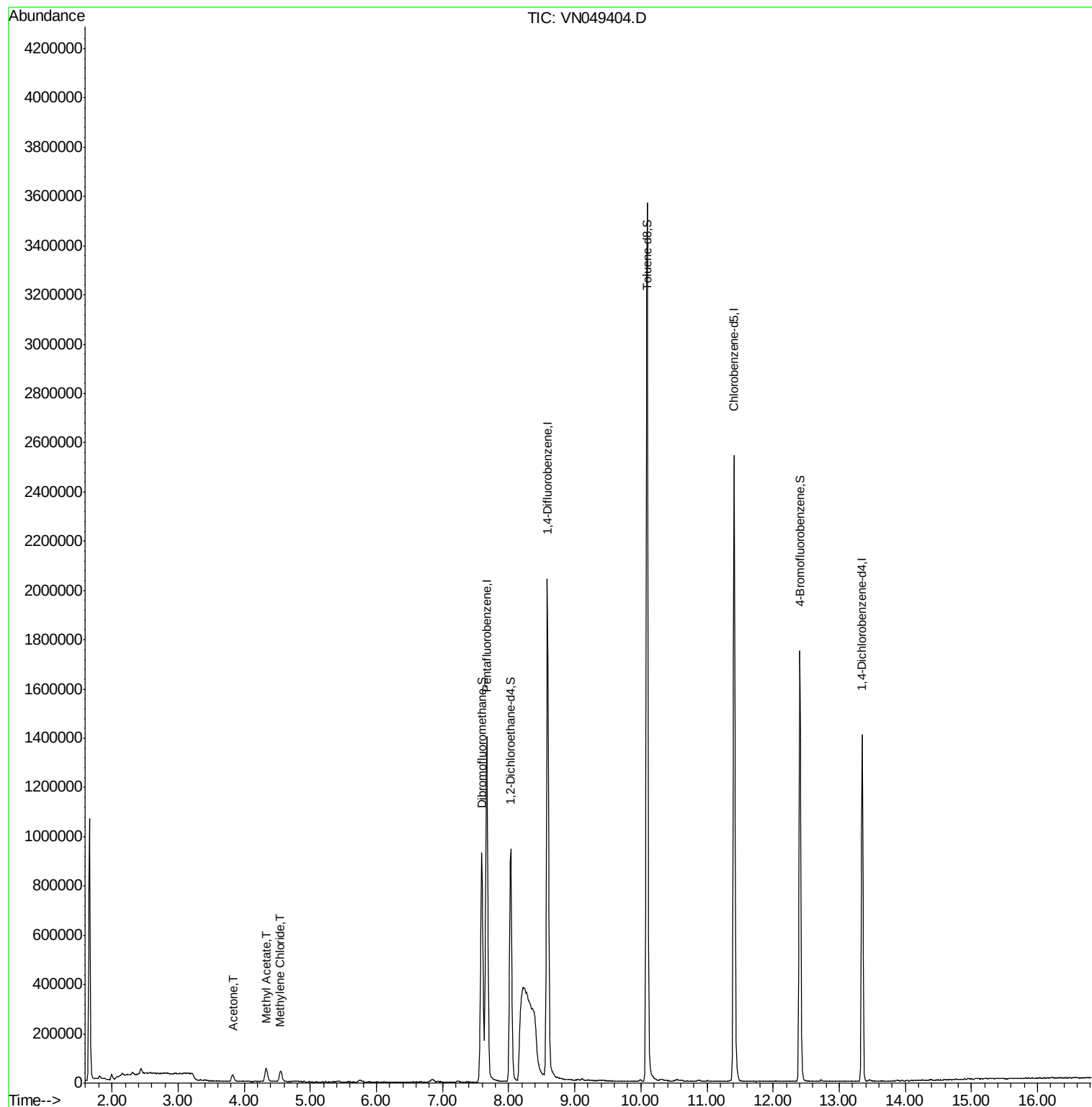
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1195882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1939401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1560942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	414159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	812420	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	7.59	113	714269	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
50) Toluene-d8	10.09	98	2594866	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
62) 4-Bromofluorobenzene	12.41	95	628927	31.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.68%	
Target Compounds						
16) Acetone	3.83	43	43488	11.292	ug/l	93
18) Methyl Acetate	4.33	43	107568	9.160	ug/l	93
20) Methylene Chloride	4.54	84	32092	1.995	ug/l	90

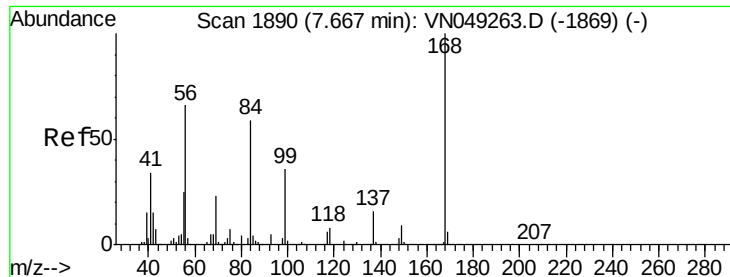
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049404.D
Acq On : 19 Jun 2018 23:21
Operator : MD\SY
Sample : PB110363ZHE#16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#16

Quant Time: Jun 20 05:42:43 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: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049404.D

Acq: 19 Jun 2018 23:21

Instrument :

MSVOA_N

ClientSampleId :

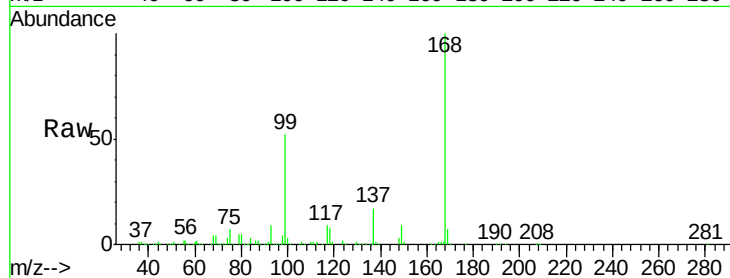
PB110363ZHE#16

Tot Ion:168 Resp: 1195882

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

7.67

500000

400000

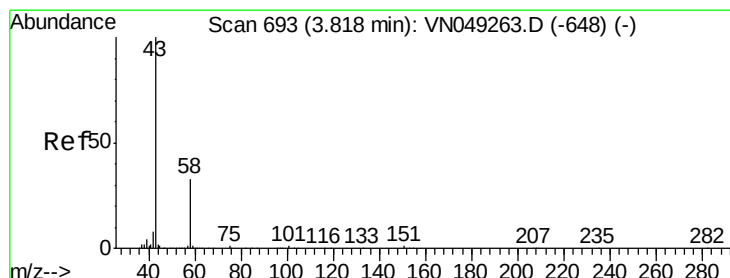
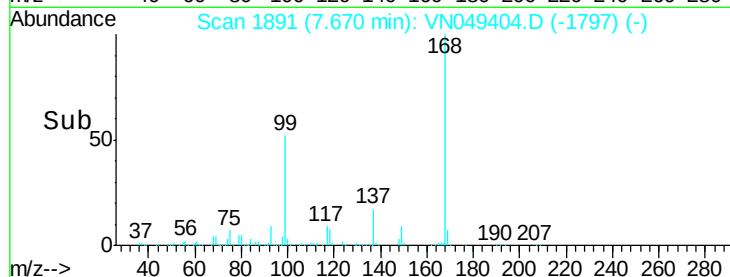
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 11.292 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049404.D

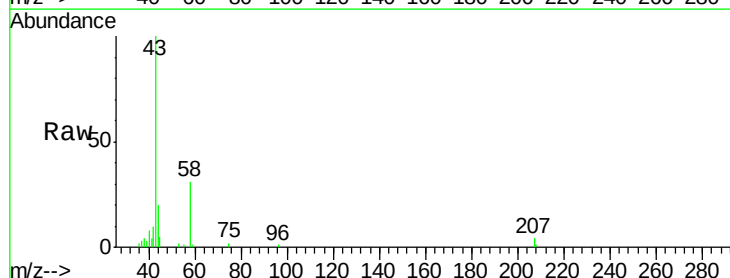
Acq: 19 Jun 2018 23:21

Tgt Ion: 43 Resp: 43488

Ion Ratio Lower Upper

43 100

58 31.6 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

20000

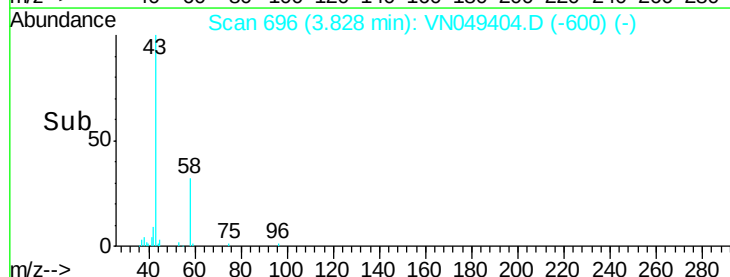
15000

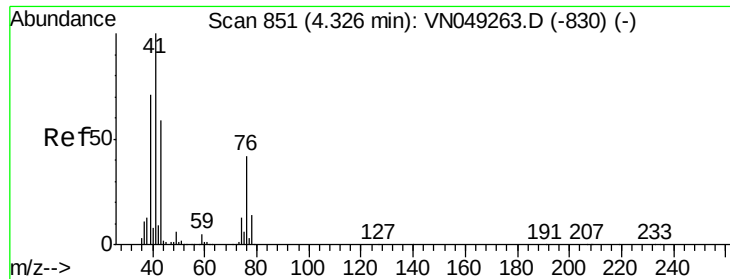
10000

5000

0

Time--> 3.75 3.80 3.85 3.90

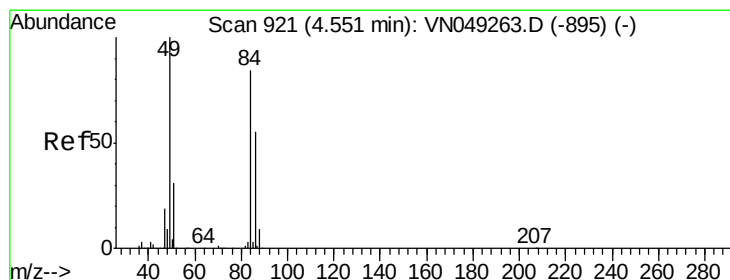
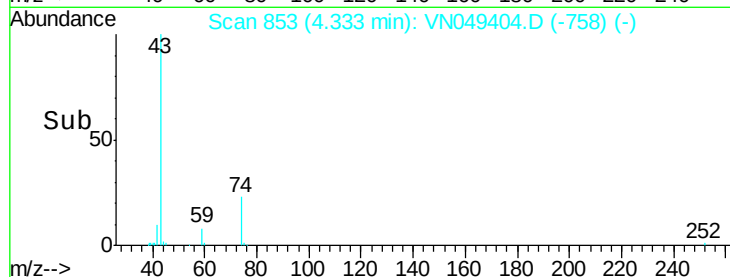
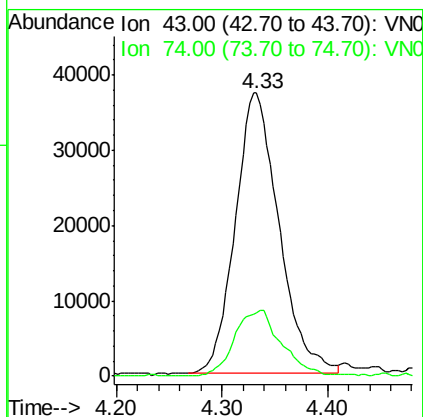
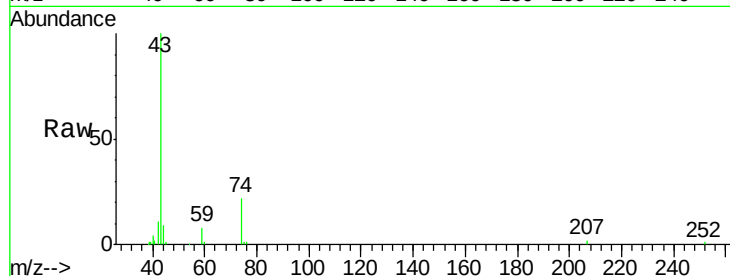




#18
Methvl Acetate
Concen: 9.160 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049404.D
Acq: 19 Jun 2018 23:21

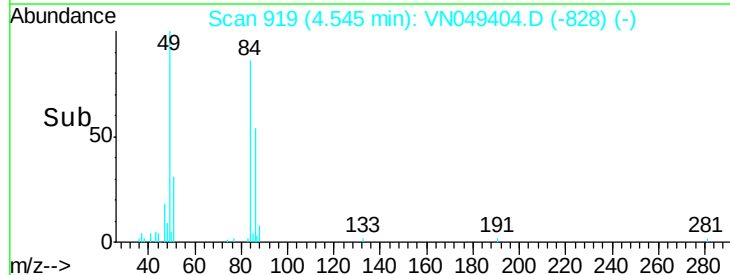
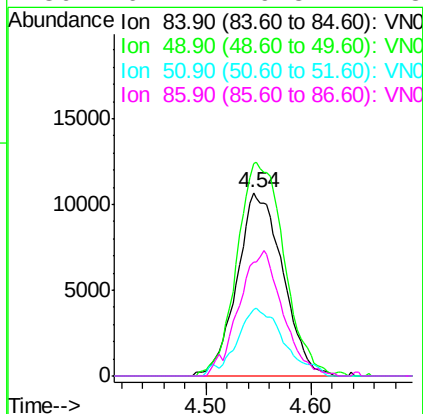
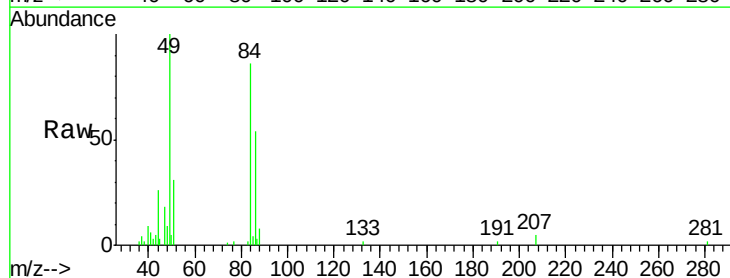
Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#16

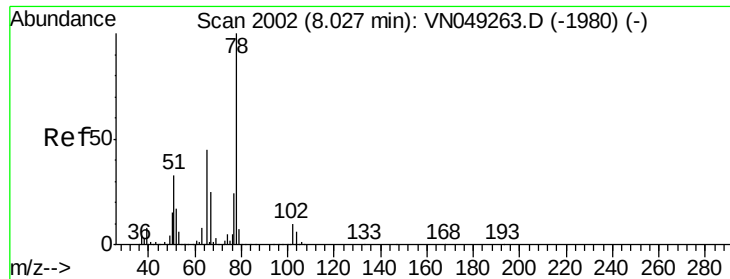
Tot Ion: 43 Resp: 107568
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0



#20
Methylene Chloride
Concen: 1.995 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049404.D
Acq: 19 Jun 2018 23:21

Tgt Ion: 84 Resp: 32092
Ion Ratio Lower Upper
84 100
49 115.7 106.9 160.3
51 36.0 32.7 49.1
86 62.1 49.8 74.8

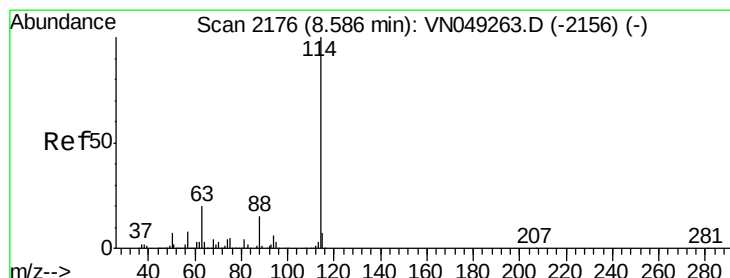
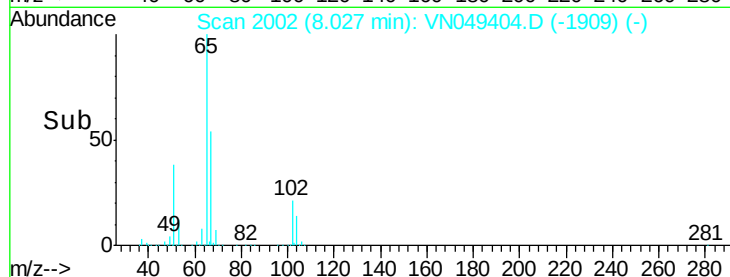
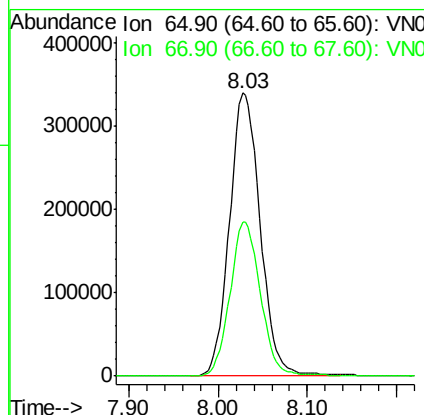
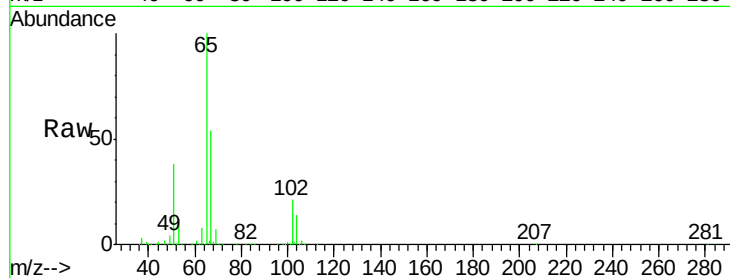




#33
 1,2-Dichloroethane-d4
 Concen: 51.220 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049404.D
 Acq: 19 Jun 2018 23:21

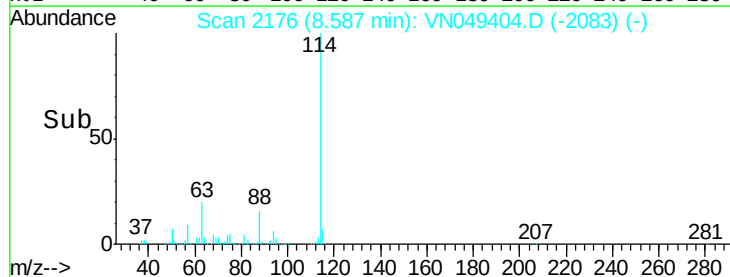
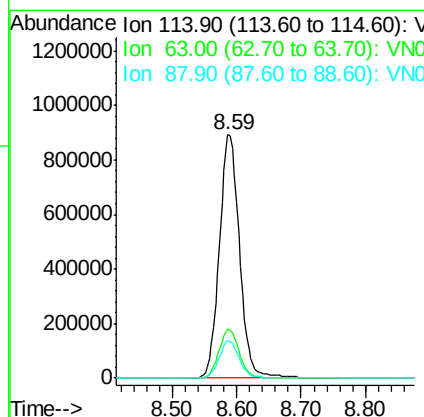
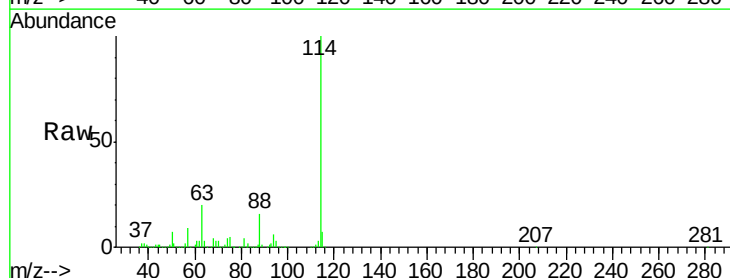
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#16

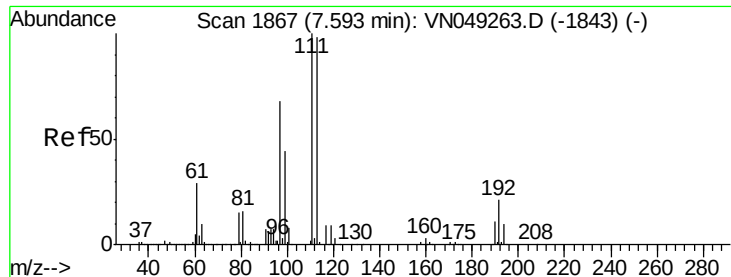
Tot Ion: 65 Resp: 812420
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049404.D
 Acq: 19 Jun 2018 23:21

Tgt Ion: 114 Resp: 1939401
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.522 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049404.D

Acq: 19 Jun 2018 23:21

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#16

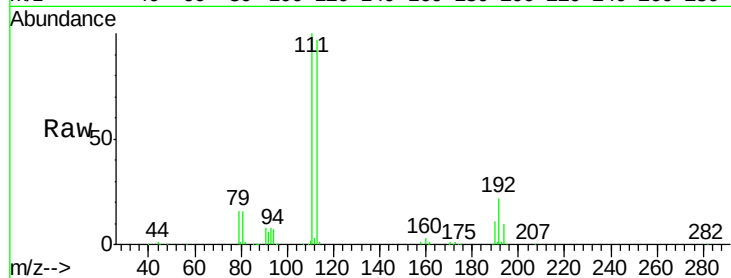
Tot Ion:113 Resp: 714269

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

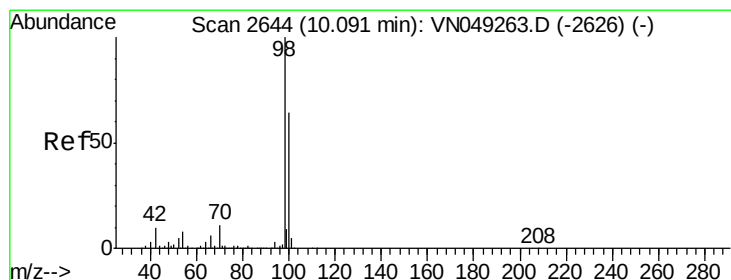
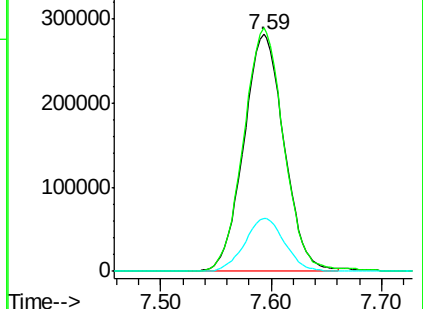
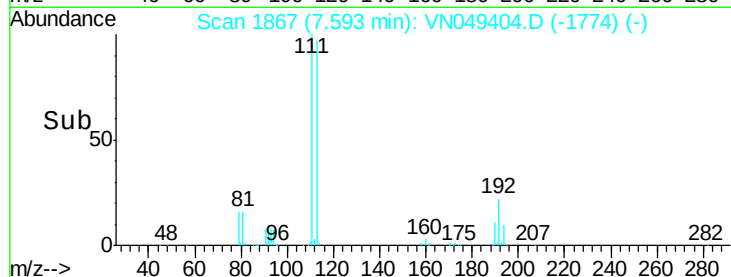
192 22.2 15.0 22.6



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: 43.433 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049404.D

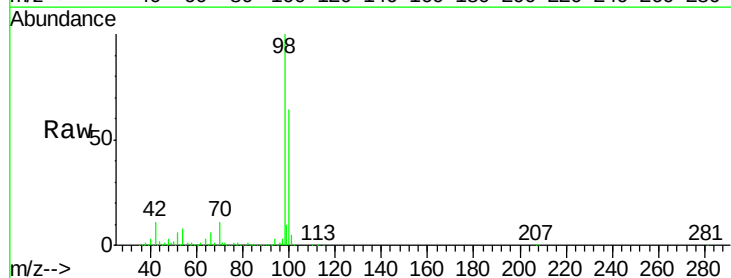
Acq: 19 Jun 2018 23:21

Tgt Ion: 98 Resp: 2594866

Ion Ratio Lower Upper

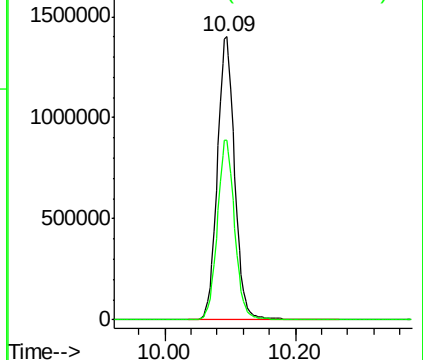
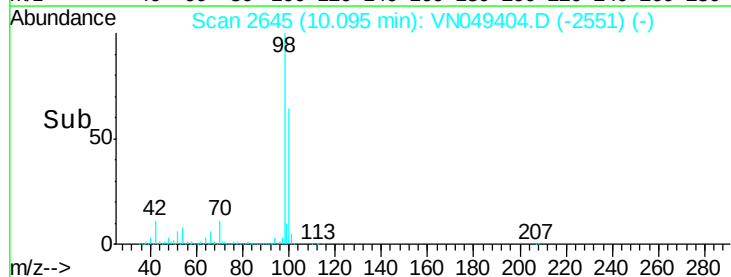
98 100

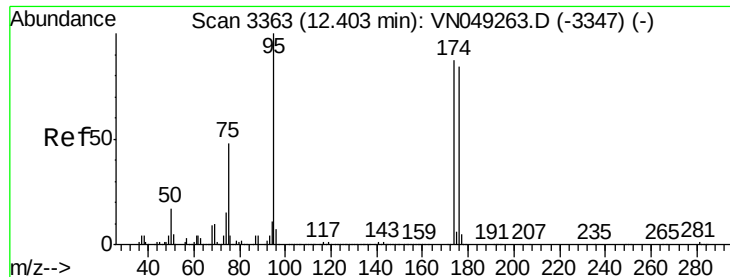
100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 31.837 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049404.D

Acq: 19 Jun 2018 23:21

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#16

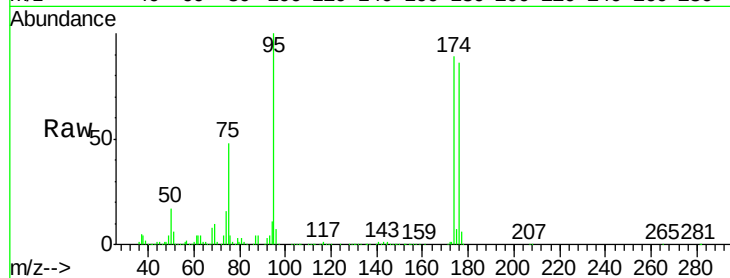
Tot Ion: 95 Resp: 628927

Ion Ratio Lower Upper

95 100

174 90.0 0.0 165.6

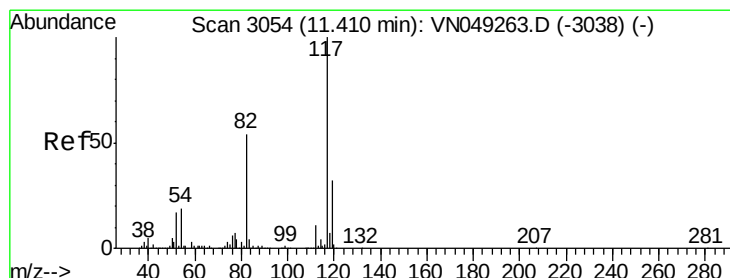
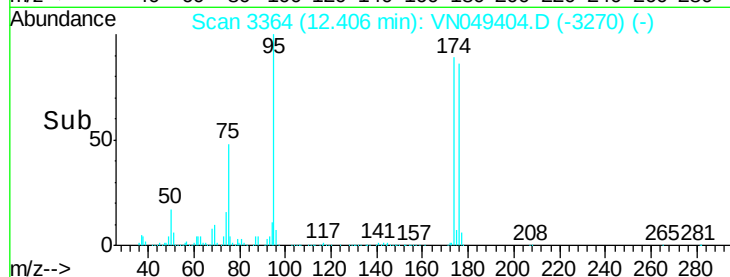
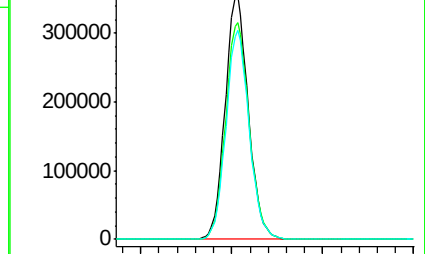
176 85.4 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049404.D

Acq: 19 Jun 2018 23:21

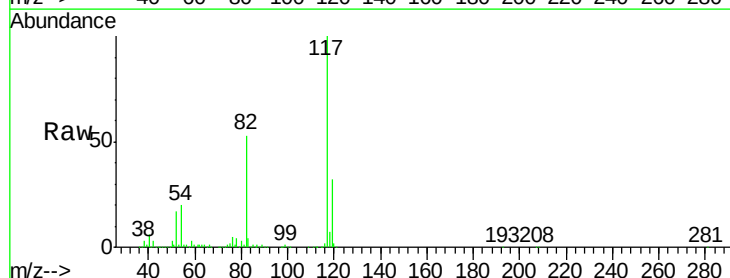
Tgt Ion: 117 Resp: 1560942

Ion Ratio Lower Upper

117 100

82 53.1 45.9 68.9

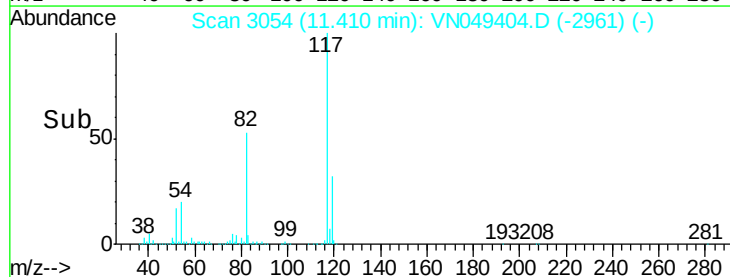
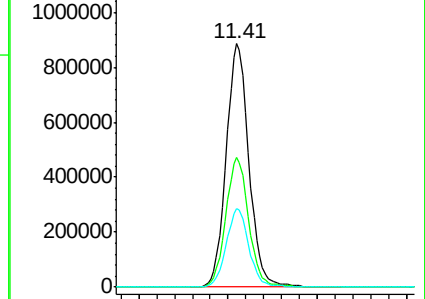
119 32.2 25.5 38.3

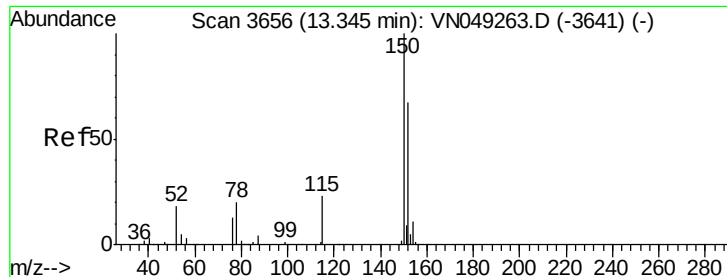


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049404.D

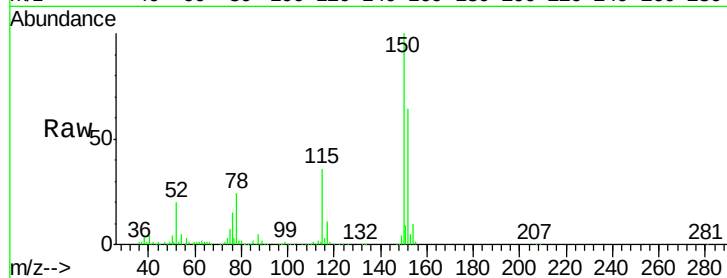
Acq: 19 Jun 2018 23:21

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#16



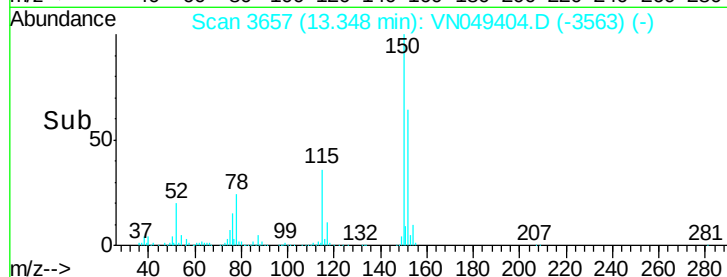
Tot Ion:152 Resp: 414159

Ion Ratio Lower Upper

152 100

115 56.2 28.7 86.1

150 156.1 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

