

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049388.D
 Acq On : 19 Jun 2018 16:29
 Operator : MD\SY
 Sample : PB110363ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#01

Quant Time: Jun 20 04:54:31 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

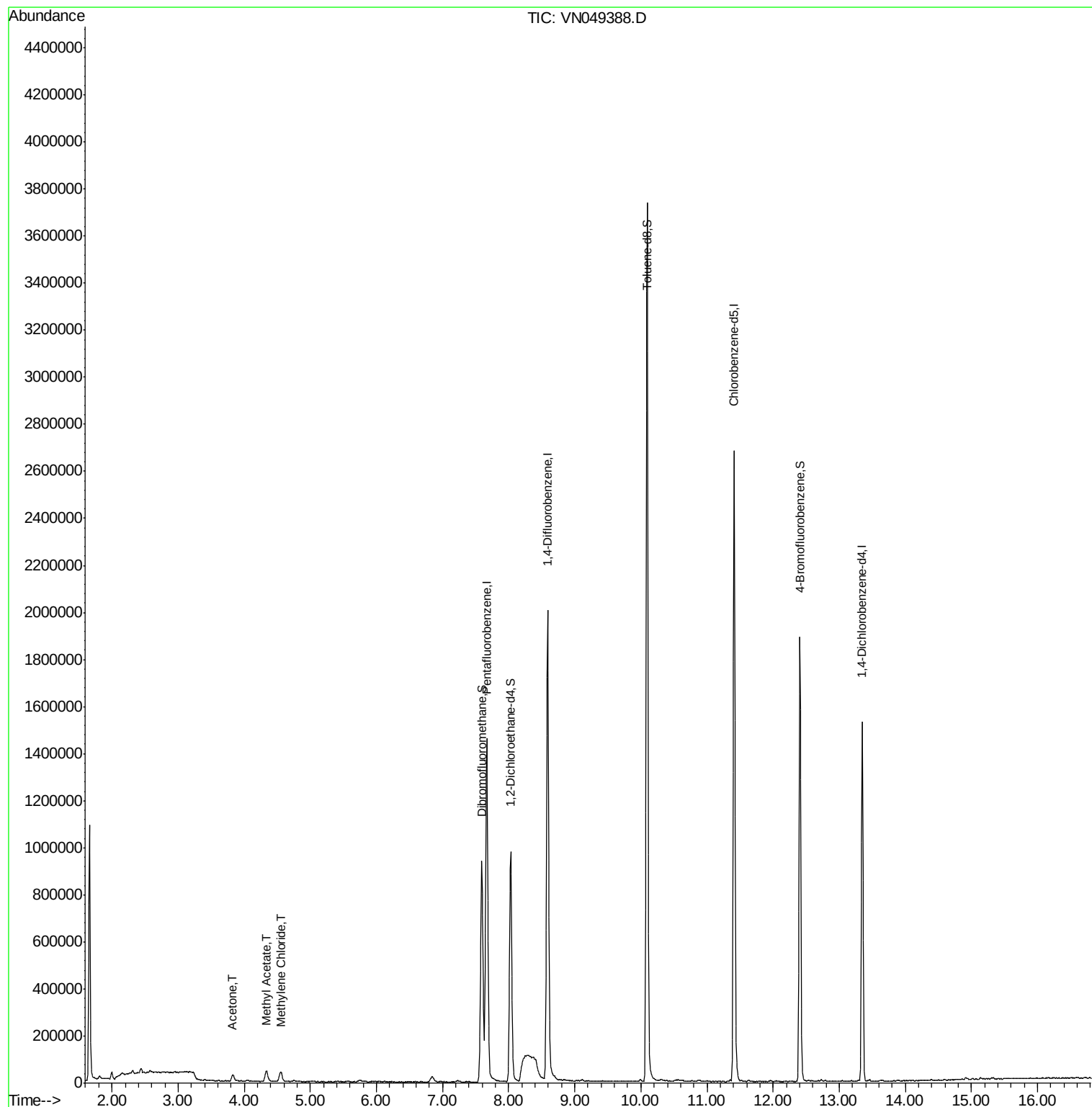
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1261913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1948387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1638350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	442486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	841747	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	733765	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	10.09	98	2703379	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
62) 4-Bromofluorobenzene	12.41	95	664403	33.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.96%	
Target Compounds						
16) Acetone	3.82	43	48675	11.978	ug/l #	89
18) Methyl Acetate	4.34	43	91126	7.354	ug/l	93
20) Methylene Chloride	4.55	84	32706	1.927	ug/l	92

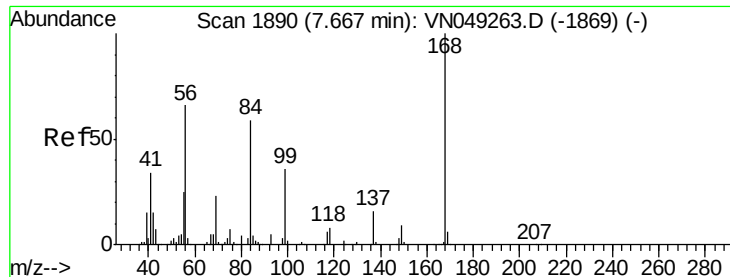
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN049388.D

Acq: 19 Jun 2018 16:29

Instrument :

MSVOA_N

ClientSampleId :

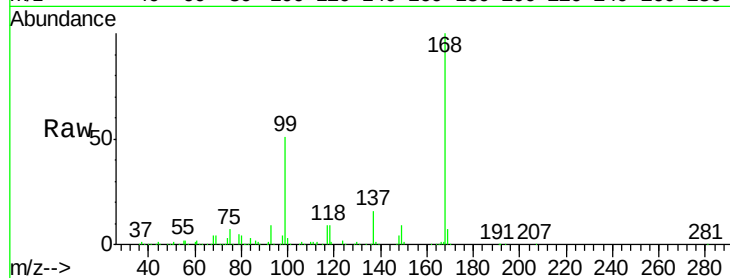
PB110363ZHE#01

Tot Ion:168 Resp: 1261913

Ion Ratio Lower Upper

168 100

99 50.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049388.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049388.D (-1797) (-)

7.67

600000

500000

400000

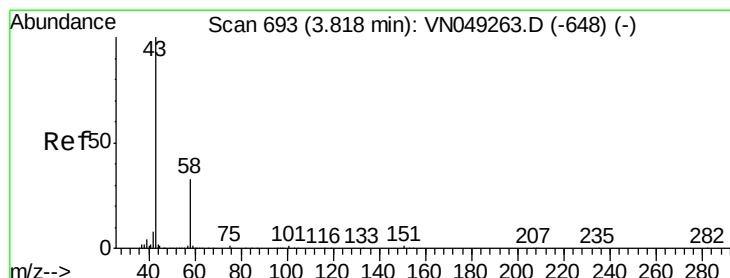
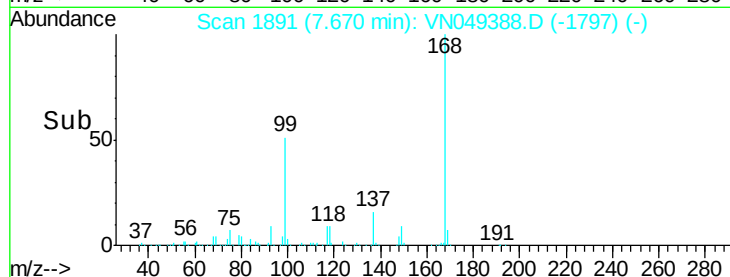
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 11.978 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049388.D

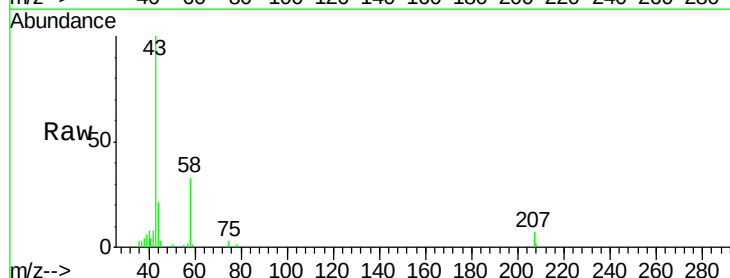
Acq: 19 Jun 2018 16:29

Tgt Ion: 43 Resp: 48675

Ion Ratio Lower Upper

43 100

58 34.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049388.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049388.D (-600) (-)

3.82

20000

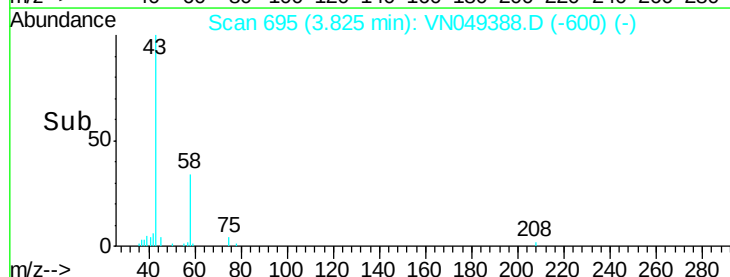
15000

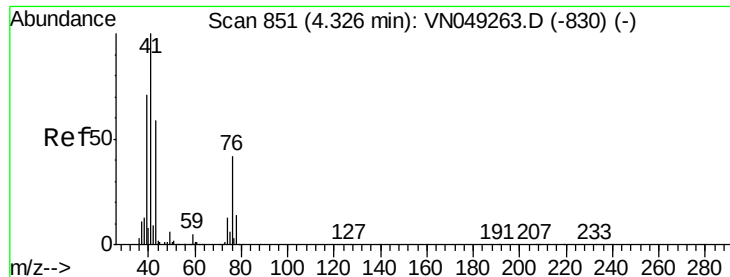
10000

5000

0

Time--> 3.70 3.80 3.90

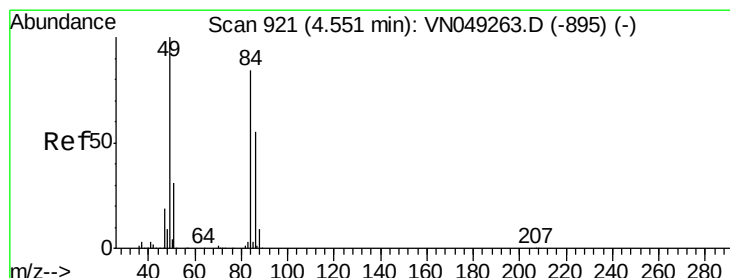
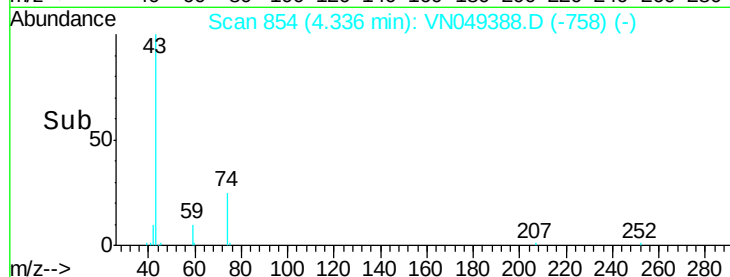
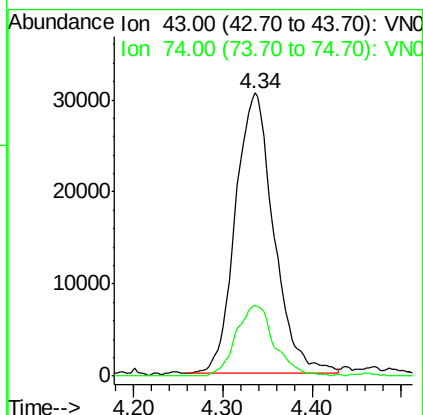
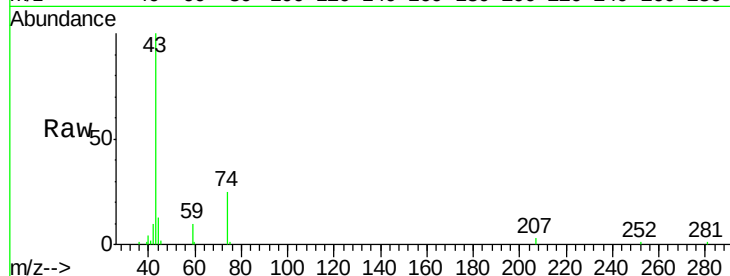




#18
Methvl Acetate
Concen: 7.354 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049388.D
Acq: 19 Jun 2018 16:29

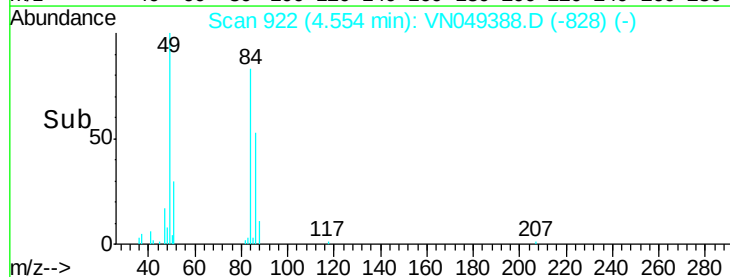
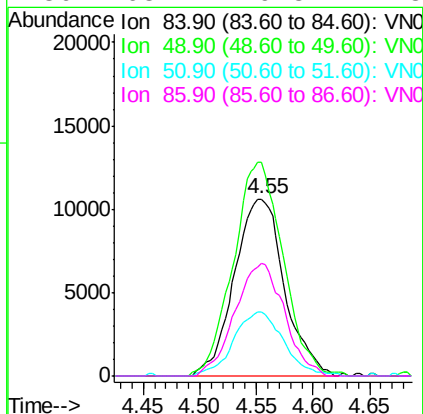
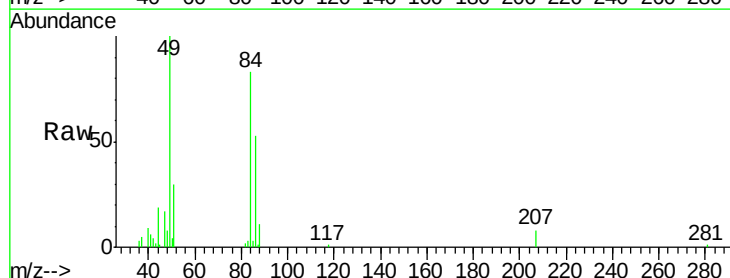
Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#01

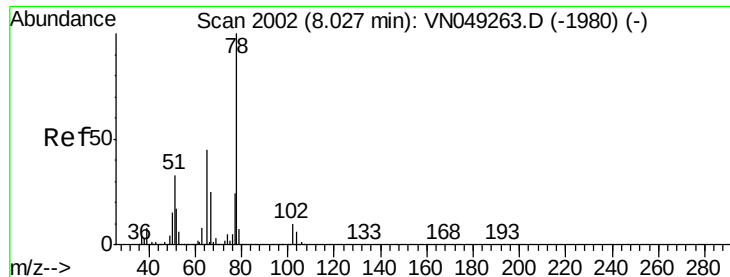
Tot Ion: 43 Resp: 91126
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0



#20
Methylene Chloride
Concen: 1.927 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049388.D
Acq: 19 Jun 2018 16:29

Tgt Ion: 84 Resp: 32706
Ion Ratio Lower Upper
84 100
49 120.6 106.9 160.3
51 36.1 32.7 49.1
86 63.4 49.8 74.8

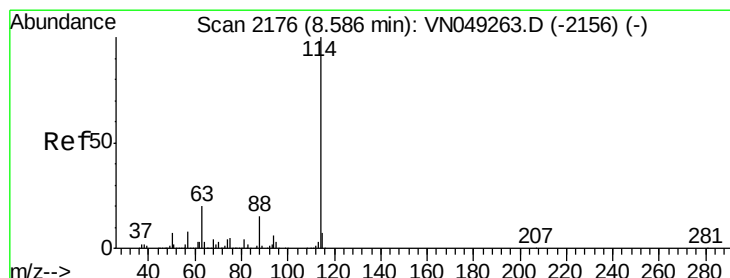
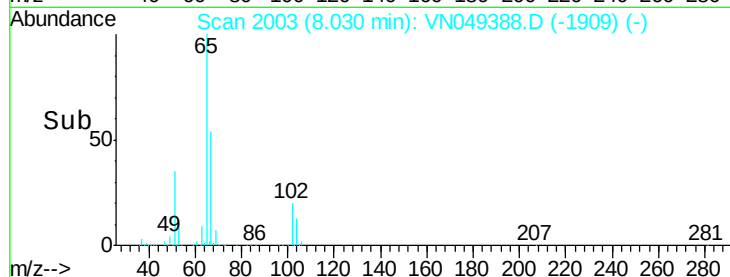
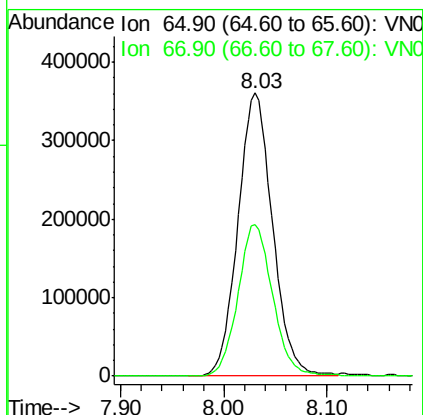
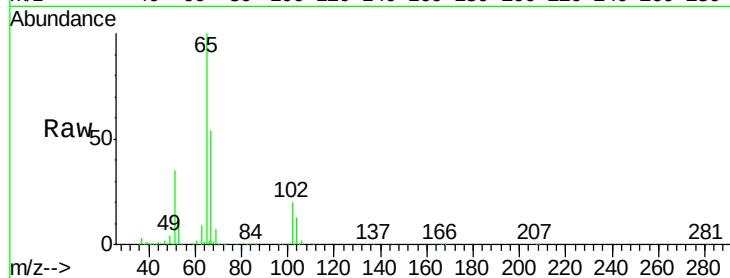




#33
 1,2-Dichloroethane-d4
 Concen: 50.292 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049388.D
 Acq: 19 Jun 2018 16:29

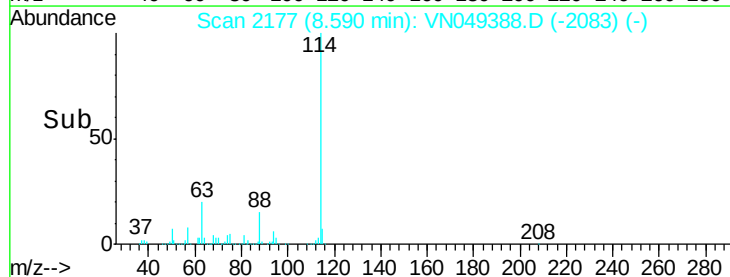
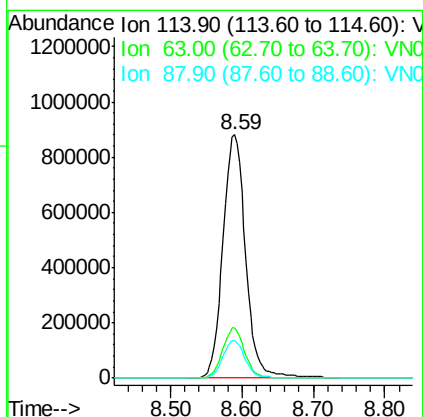
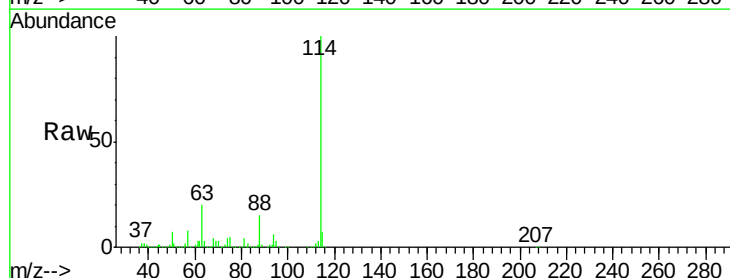
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#01

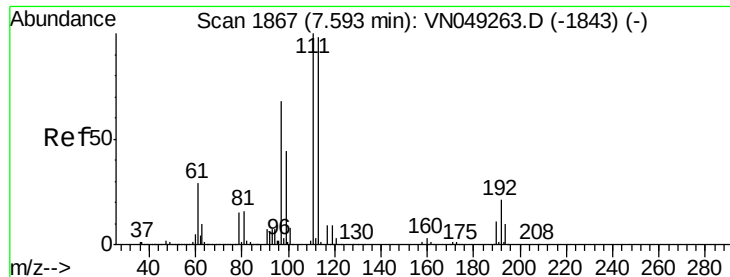
Tot Ion: 65 Resp: 841747
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049388.D
 Acq: 19 Jun 2018 16:29

Tgt Ion: 114 Resp: 1948387
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.4
 88 15.4 0.0 31.4

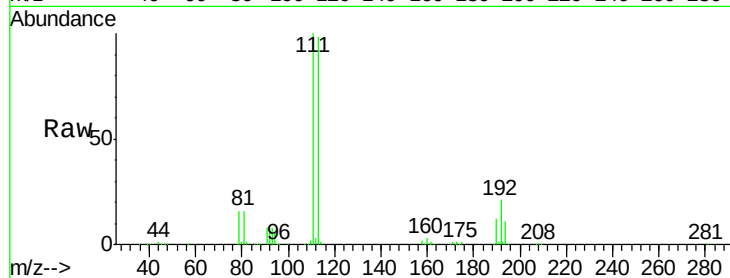




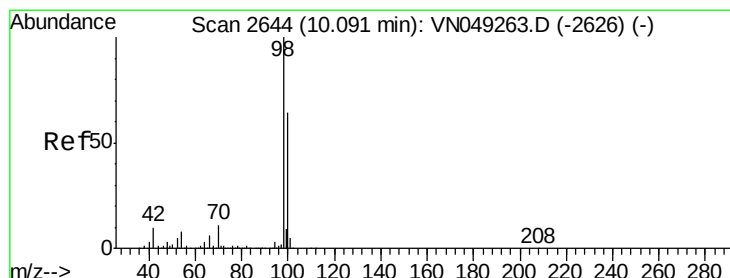
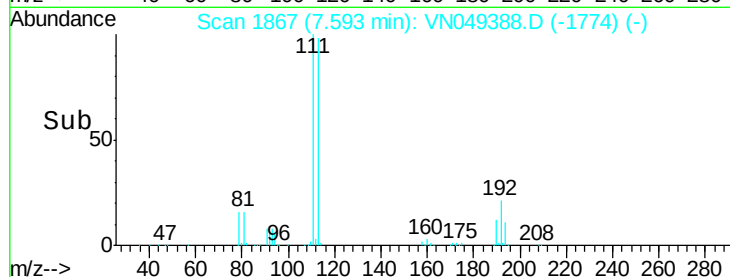
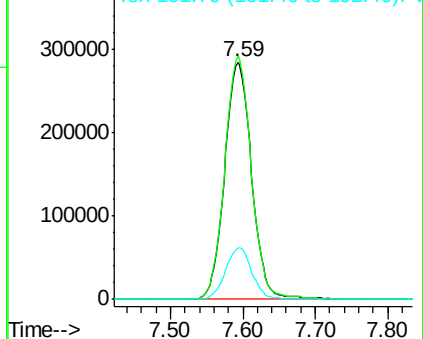
#35
 Dibromofluoromethane
 Concen: 46.549 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049388.D
 Acq: 19 Jun 2018 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	21.3	15.0	22.6

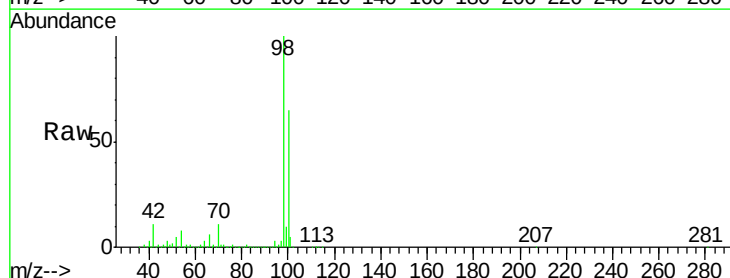


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

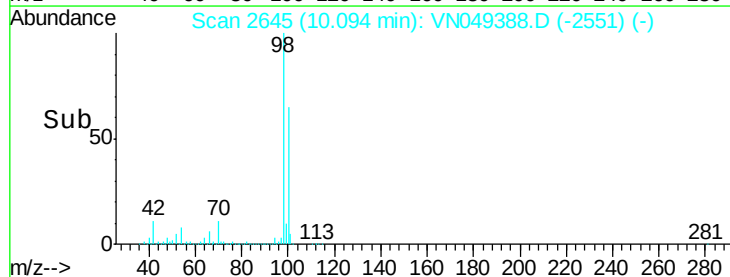
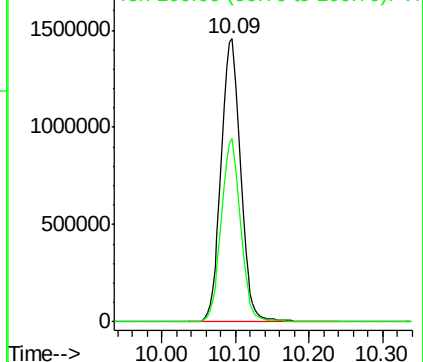


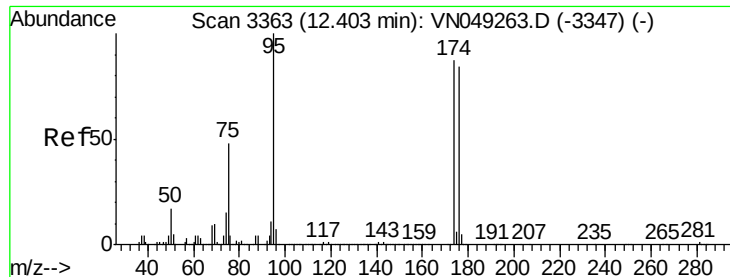
#50
 Toluene-d8
 Concen: 45.040 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049388.D
 Acq: 19 Jun 2018 16:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	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: 33.478 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049388.D

Acq: 19 Jun 2018 16:29

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#01

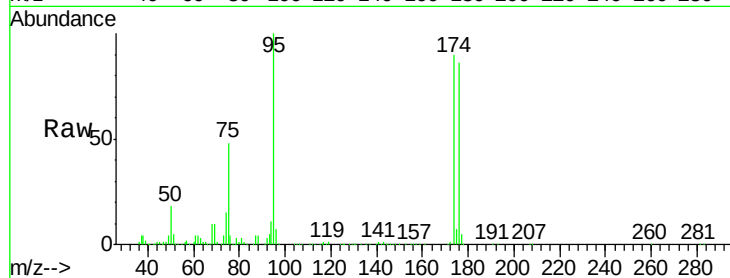
Tot Ion: 95 Resp: 664403

Ion Ratio Lower Upper

95 100

174 90.9 0.0 165.6

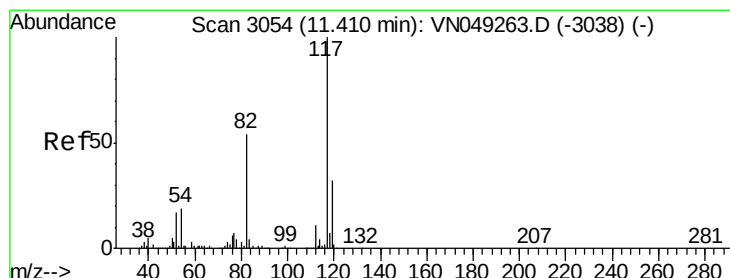
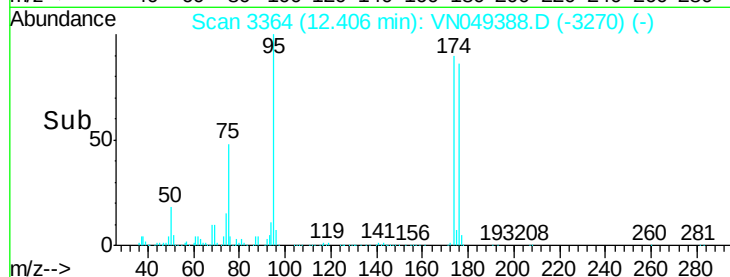
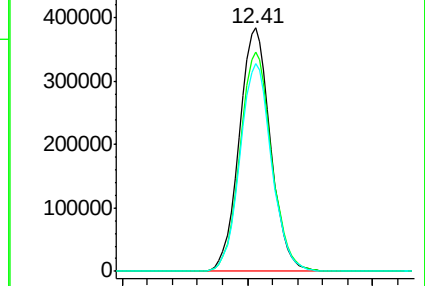
176 86.3 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049388.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049388.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049388.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049388.D

Acq: 19 Jun 2018 16:29

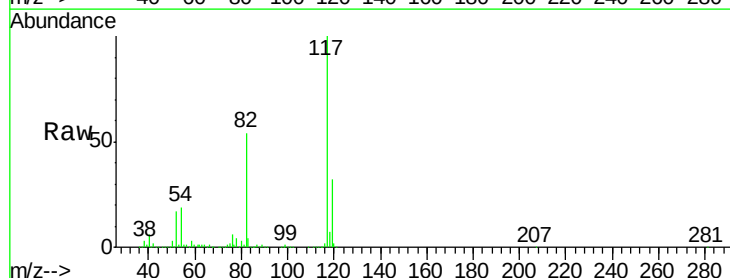
Tgt Ion: 117 Resp: 1638350

Ion Ratio Lower Upper

117 100

82 53.8 45.9 68.9

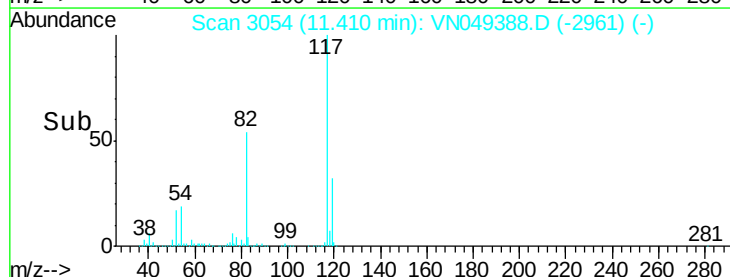
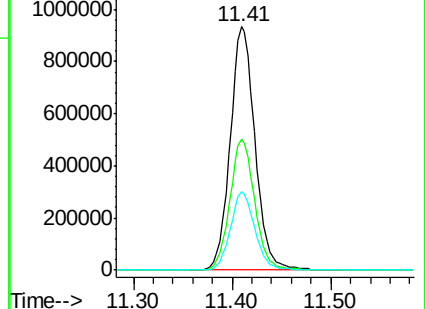
119 32.0 25.5 38.3

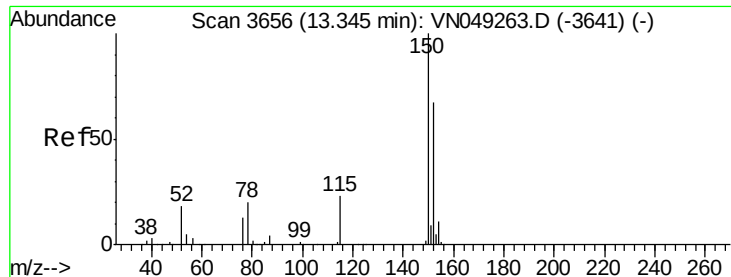


Abundance Ion 116.90 (116.60 to 117.60): VN049388.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049388.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049388.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049388.D

Acq: 19 Jun 2018 16:29

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#01

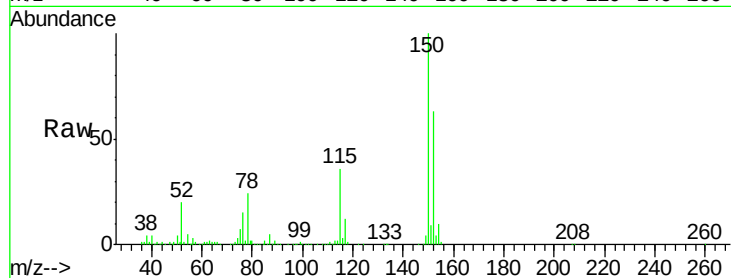
Tot Ion:152 Resp: 442486

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.1

150 158.9 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

