

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049390.D
 Acq On : 19 Jun 2018 17:20
 Operator : MD\SY
 Sample : PB110363ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#03

Quant Time: Jun 20 05:02:22 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

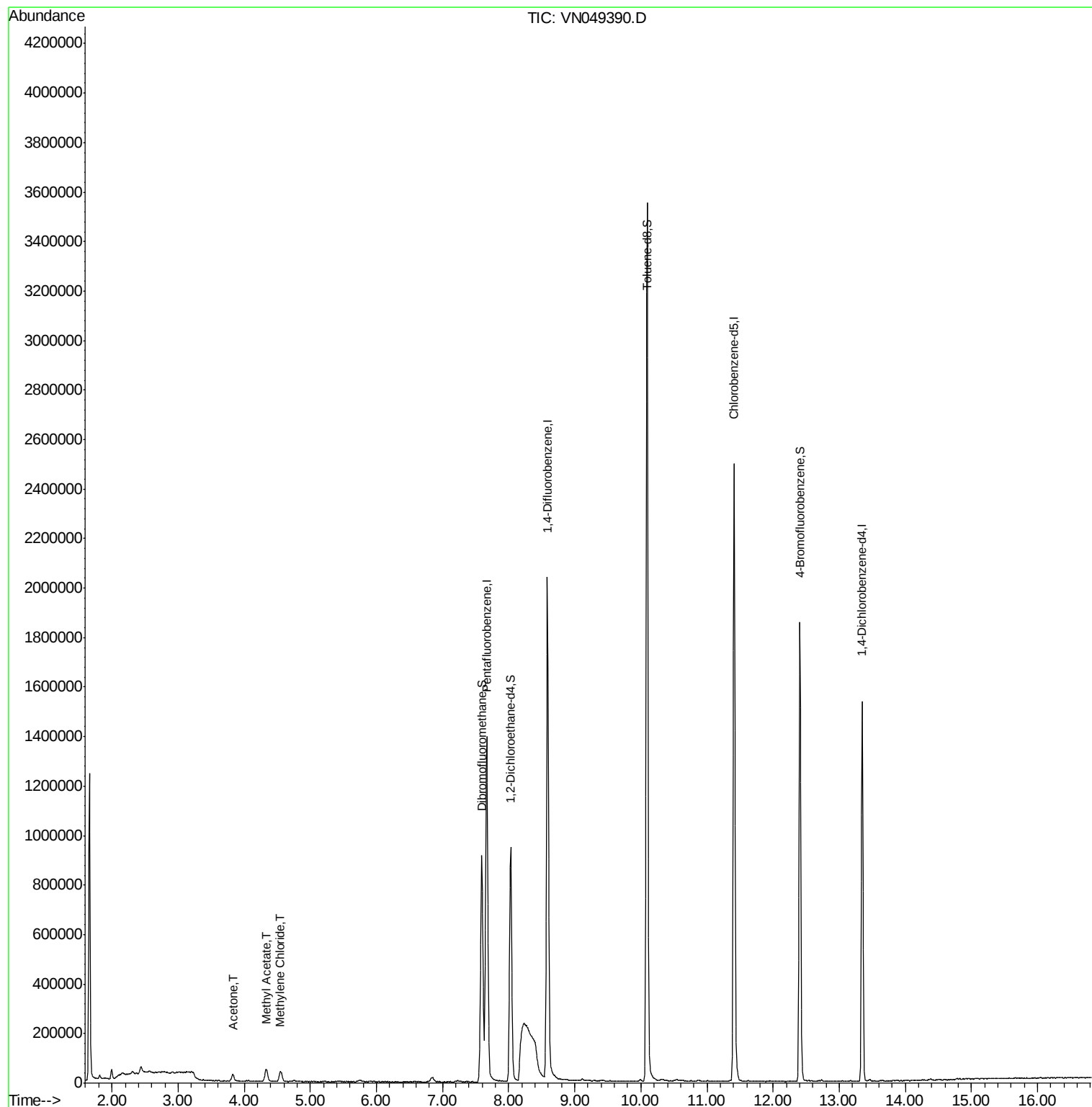
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1201438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1915050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1552058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	434182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	814875	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	7.59	113	698761	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
50) Toluene-d8	10.09	98	2585008	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	
62) 4-Bromofluorobenzene	12.41	95	651939	33.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.84%	
Target Compounds						
16) Acetone	3.83	43	47711	12.331	ug/l	99
18) Methyl Acetate	4.33	43	100497	8.519	ug/l	95
20) Methylene Chloride	4.55	84	30785	1.905	ug/l	96

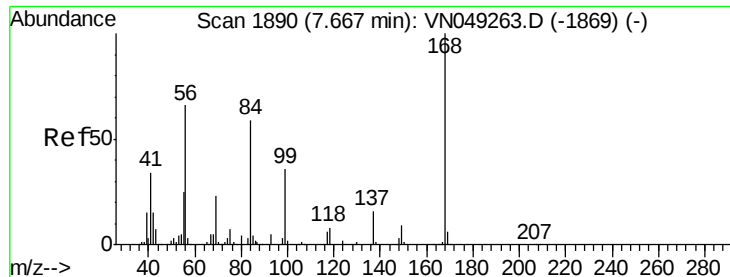
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampleId :

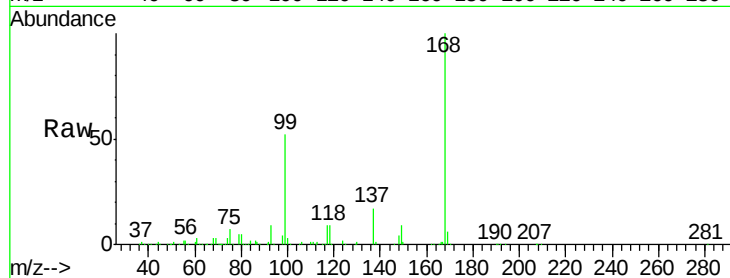
PB110363ZHE#03

Tot Ion:168 Resp: 1201438

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

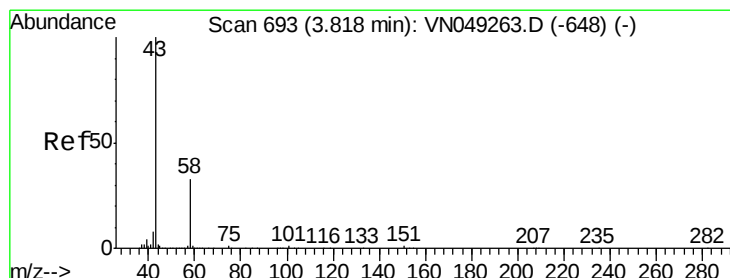
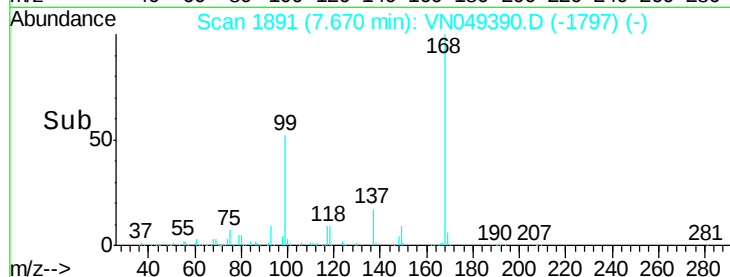
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 12.331 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049390.D

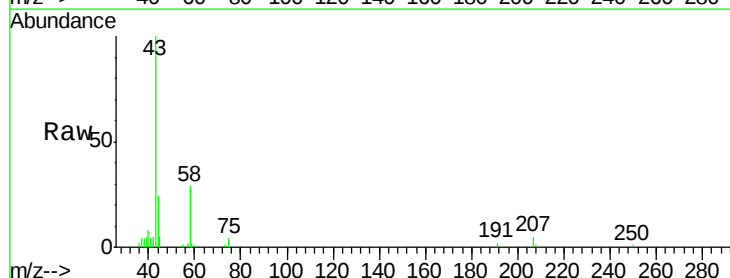
Acq: 19 Jun 2018 17:20

Tgt Ion: 43 Resp: 47711

Ion Ratio Lower Upper

43 100

58 28.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

20000

15000

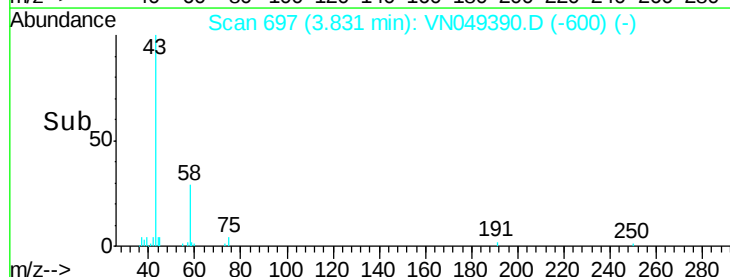
10000

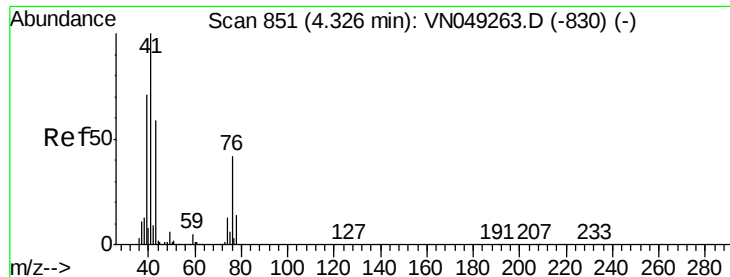
5000

0

3.75 3.80 3.85 3.90 3.95

Time-->

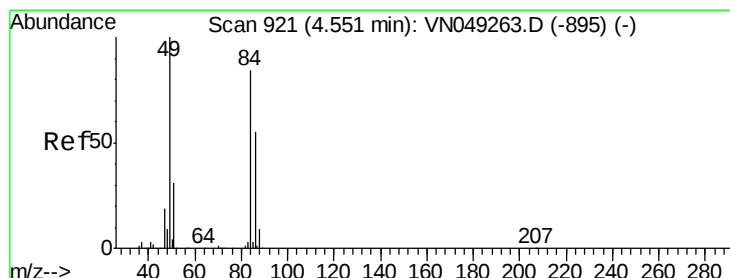
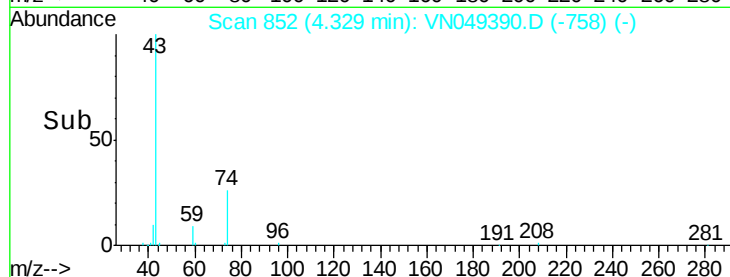
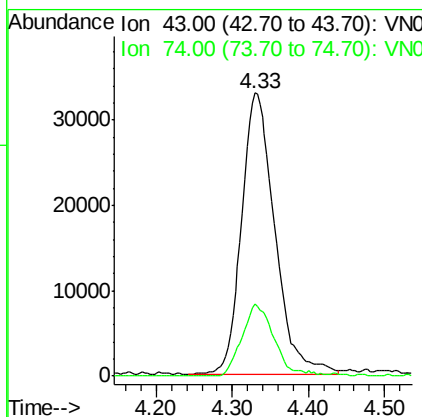
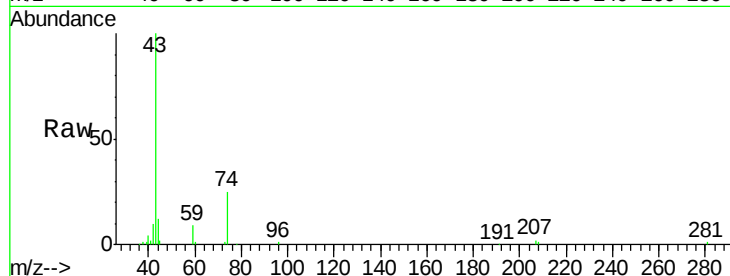




#18
Methvl Acetate
Concen: 8.519 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

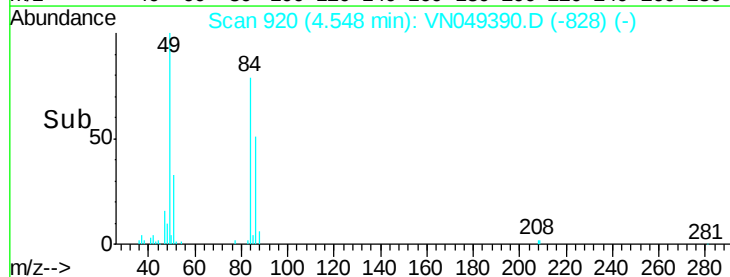
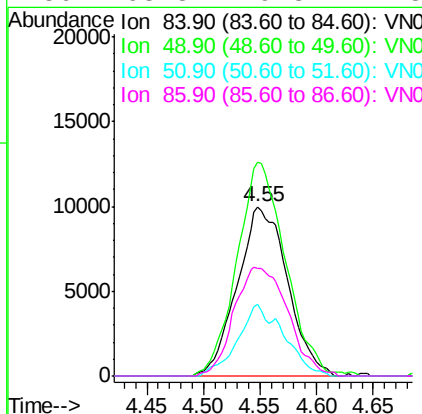
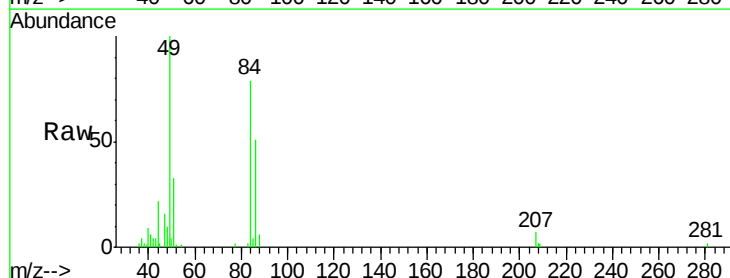
Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#03

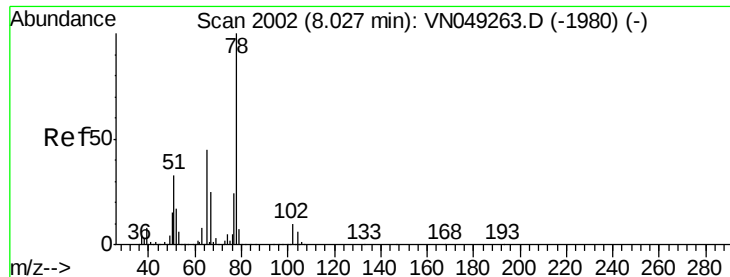
Tot Ion: 43 Resp: 100497
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0



#20
Methylene Chloride
Concen: 1.905 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

Tgt Ion: 84 Resp: 30785
Ion Ratio Lower Upper
84 100
49 126.1 106.9 160.3
51 42.0 32.7 49.1
86 63.8 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 51.137 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampleId :

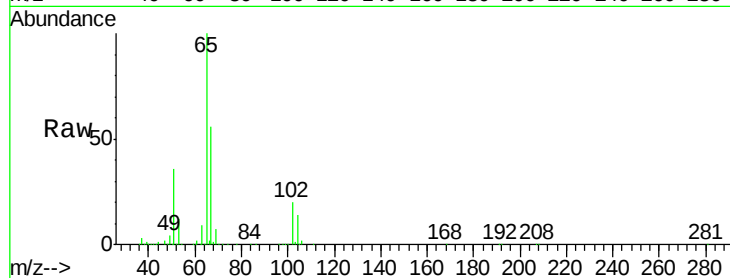
PB110363ZHE#03

Tot Ion: 65 Resp: 814875

Ion Ratio Lower Upper

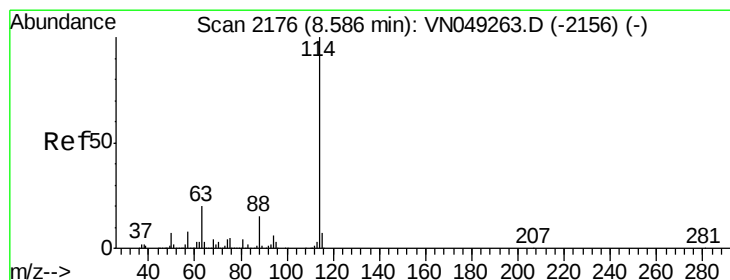
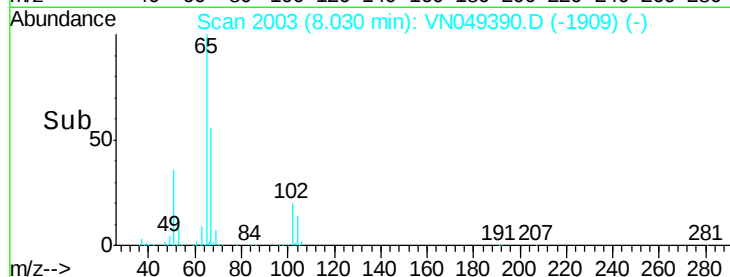
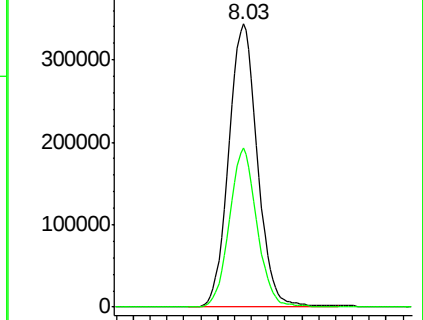
65 100

67 54.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049390.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049390.D (-1909) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

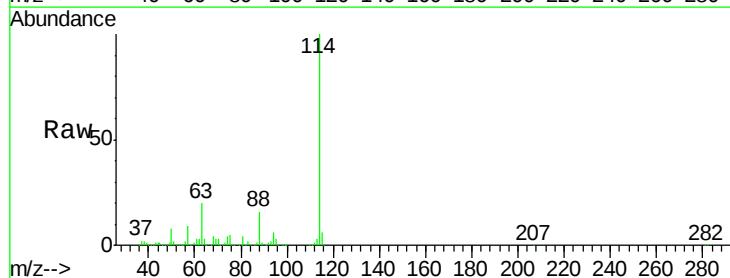
Tgt Ion: 114 Resp: 1915050

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

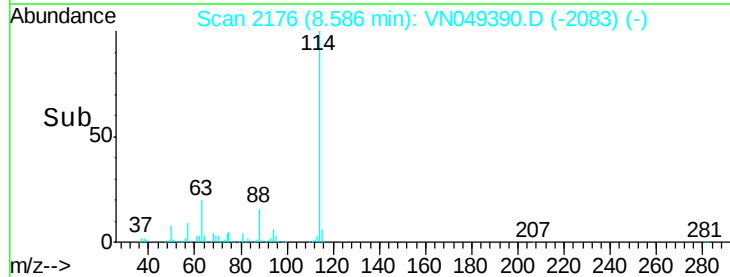
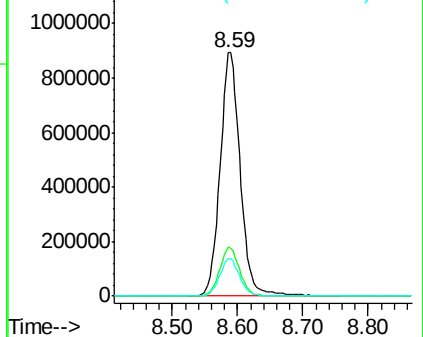
88 15.5 0.0 31.4

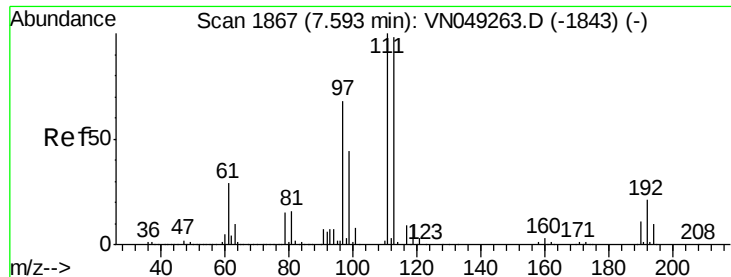


Abundance Ion 113.90 (113.60 to 114.60): VN049390.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049390.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049390.D (-2083) (-)

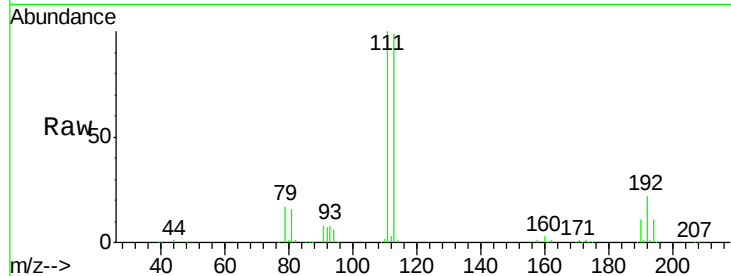




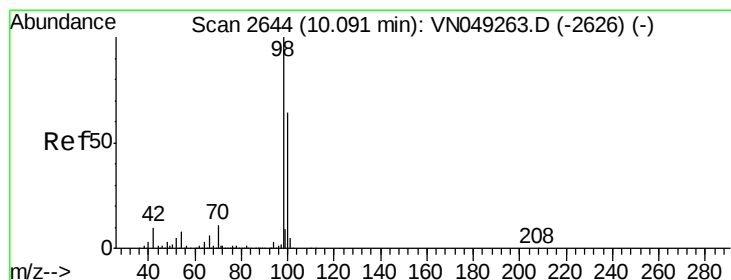
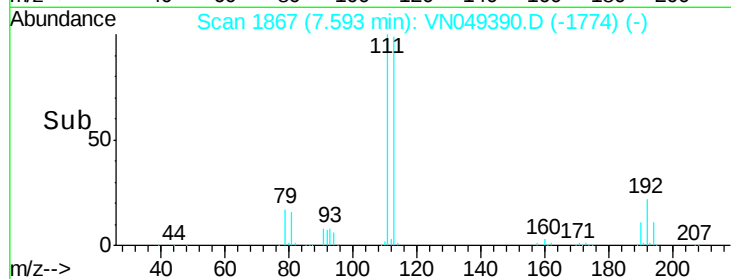
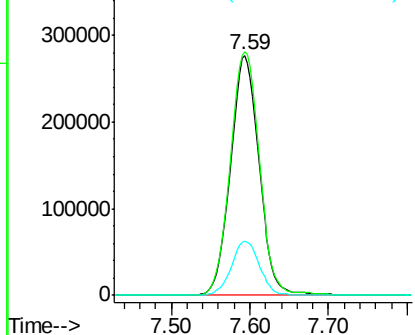
#35
Dibromofluoromethane
Concen: 45.100 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#03

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	22.3	15.0	22.6

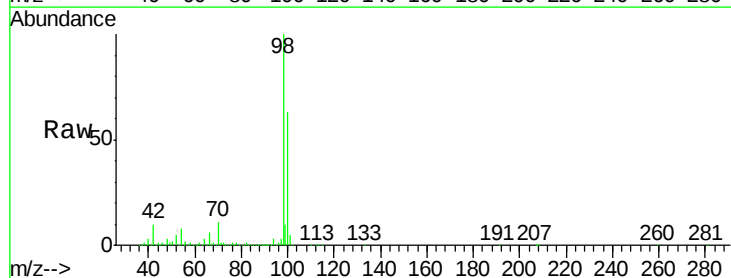


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

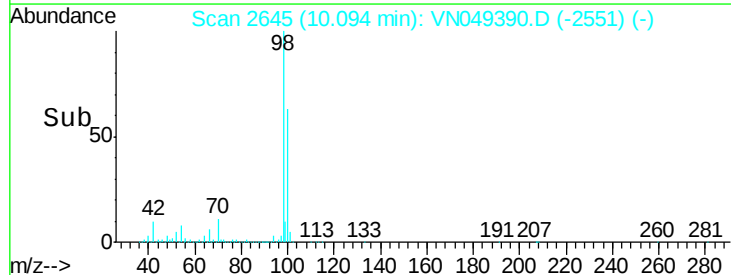
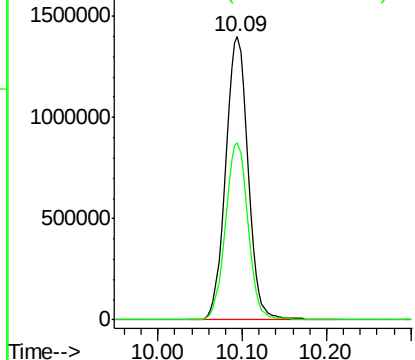


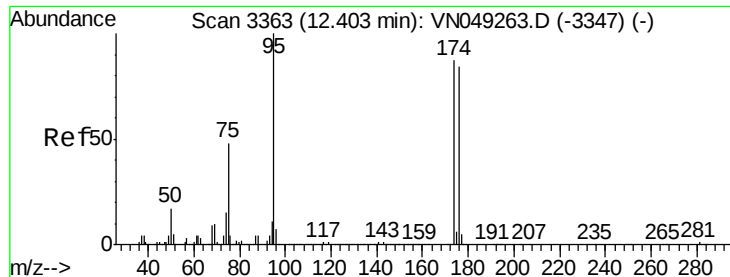
#50
Toluene-d8
Concen: 43.818 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	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: 33.421 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#03

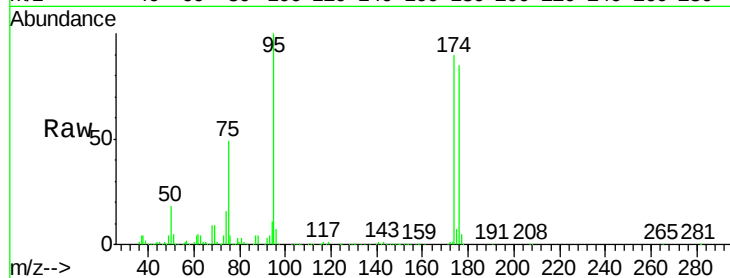
Tot Ion: 95 Resp: 651939

Ion Ratio Lower Upper

95 100

174 89.8 0.0 165.6

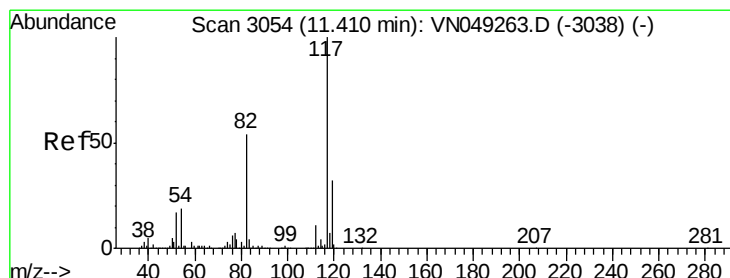
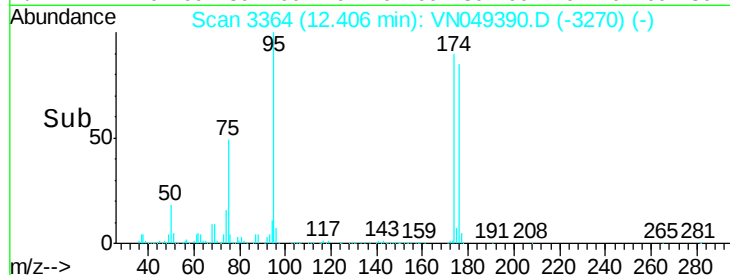
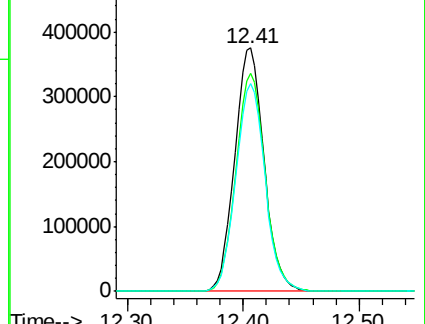
176 85.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049390.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049390.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049390.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

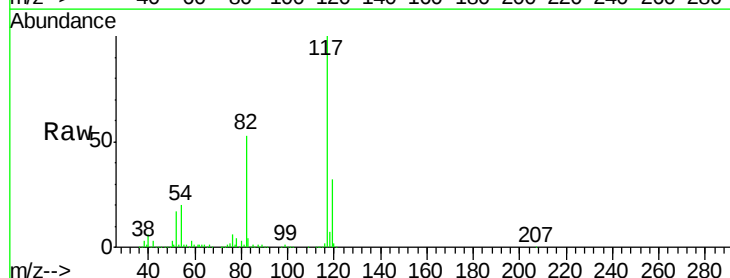
Tgt Ion: 117 Resp: 1552058

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

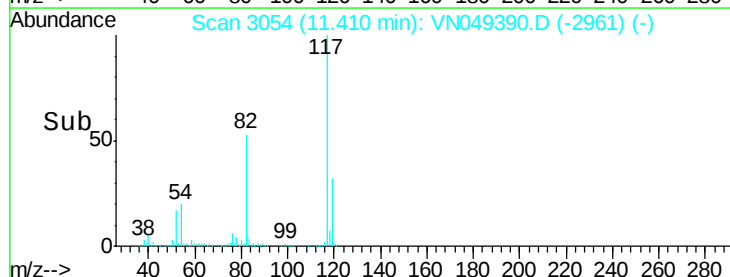
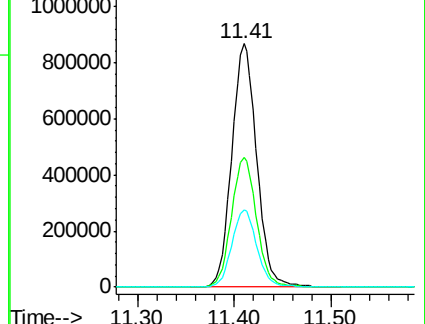
119 31.9 25.5 38.3

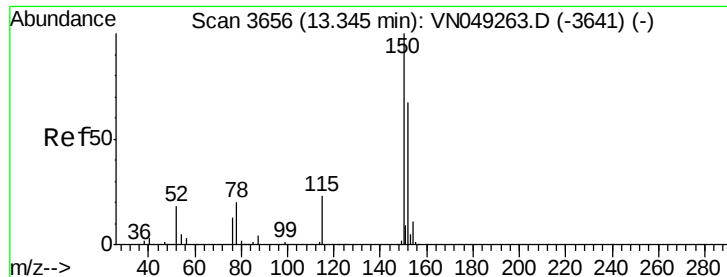


Abundance Ion 116.90 (116.60 to 117.60): VN049390.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049390.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049390.D (-3038) (-)



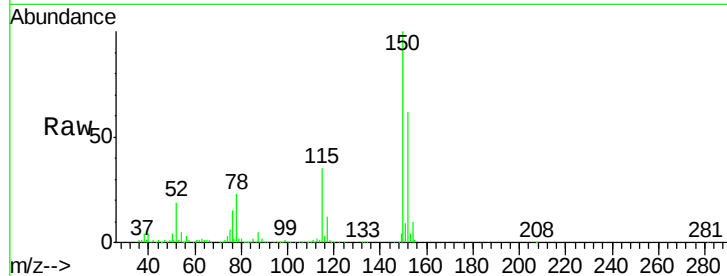


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#03

Tot Ion:152 Resp: 434182
Ion Ratio Lower Upper
152 100
115 57.8 28.7 86.1
150 161.6 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

