

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049405.D
 Acq On : 19 Jun 2018 23:47
 Operator : MD\SY
 Sample : PB110363ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#17

Quant Time: Jun 20 05:44:52 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

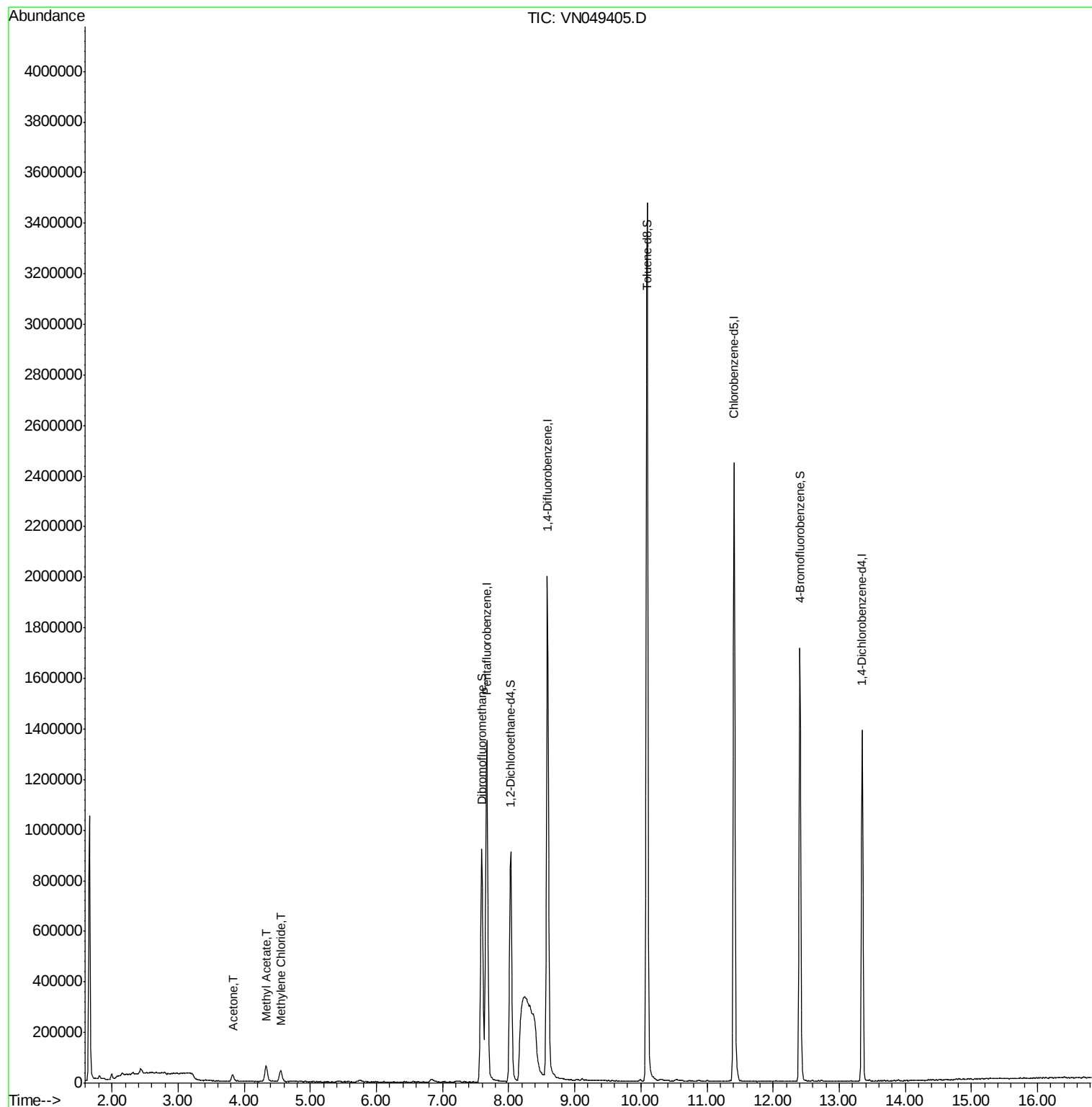
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1160274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1903941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1518599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	403387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	801266	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	7.59	113	696536	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
50) Toluene-d8	10.09	98	2539112	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	
62) 4-Bromofluorobenzene	12.40	95	609757	31.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.88%	
Target Compounds						
16) Acetone	3.82	43	44720	11.968	ug/l	96
18) Methyl Acetate	4.33	43	119356	10.476	ug/l	94
20) Methylene Chloride	4.55	84	32767	2.100	ug/l #	84

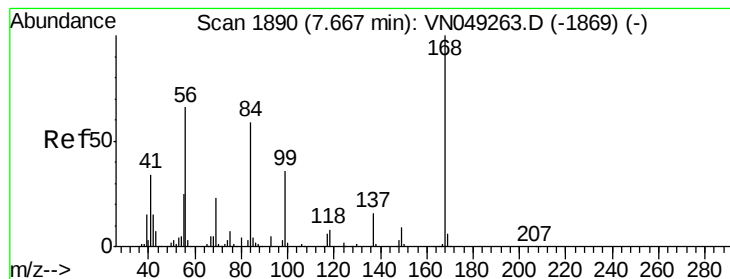
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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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: VN049405.D

Acq: 19 Jun 2018 23:47

Instrument :

MSVOA_N

ClientSampleId :

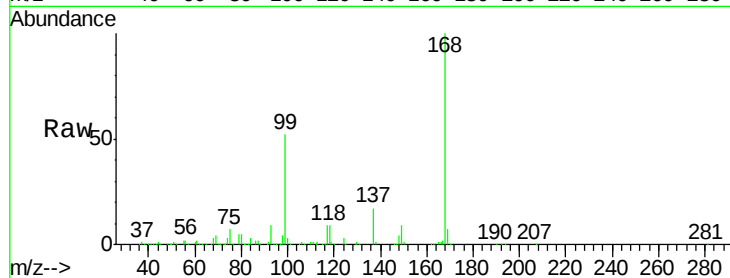
PB110363ZHE#17

Tot Ion:168 Resp: 1160274

Ion Ratio Lower Upper

168 100

99 52.4 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

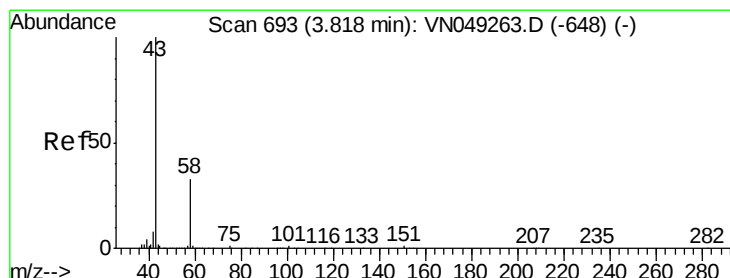
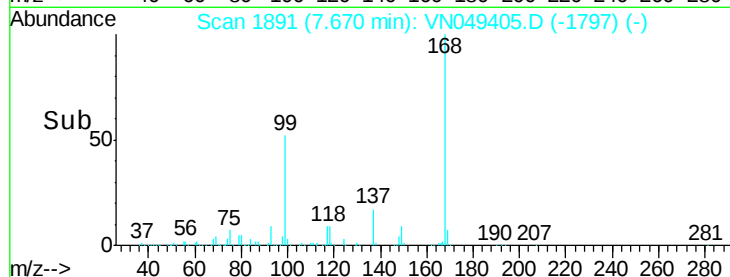
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 11.968 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049405.D

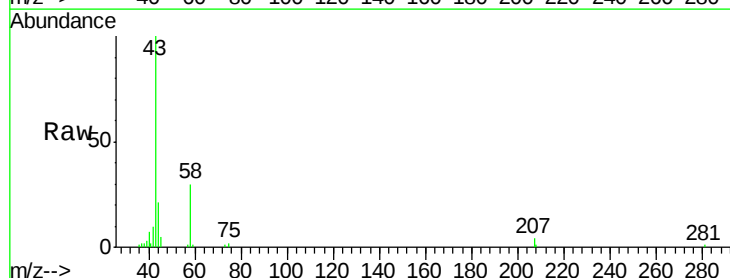
Acq: 19 Jun 2018 23:47

Tgt Ion: 43 Resp: 44720

Ion Ratio Lower Upper

43 100

58 30.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

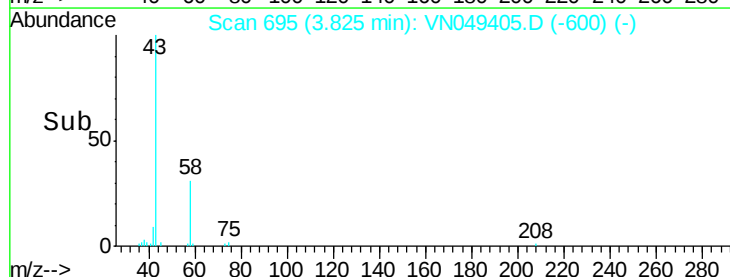
15000

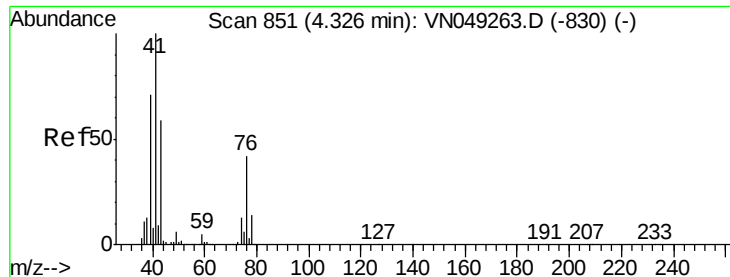
10000

5000

0

Time--> 3.70 3.80 3.90





#18

Methvl Acetate

Concen: 10.476 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049405.D

Acq: 19 Jun 2018 23:47

Instrument :

MSVOA_N

ClientSampleId :

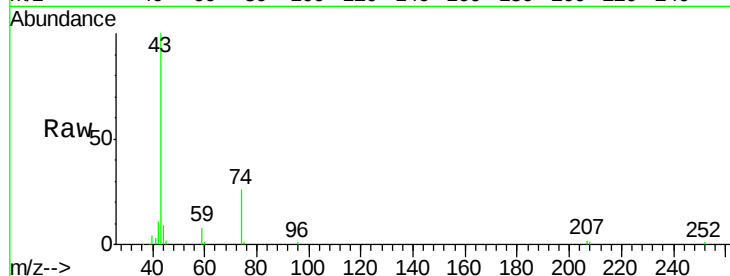
PB110363ZHE#17

Tot Ion: 43 Resp: 119356

Ion Ratio Lower Upper

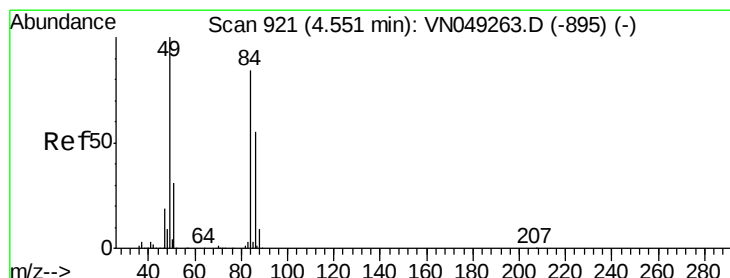
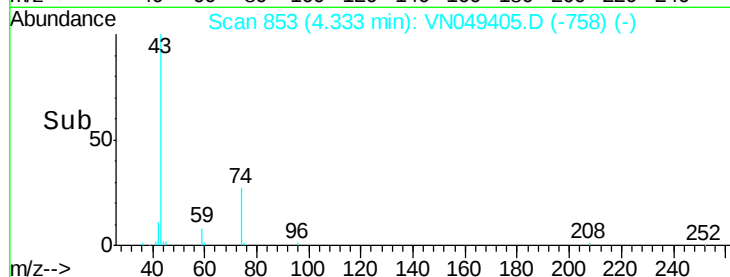
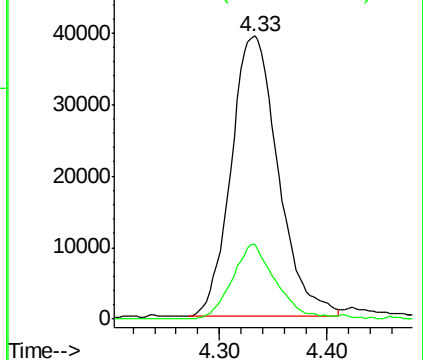
43 100

74 24.7 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO



#20

Methylene Chloride

Concen: 2.100 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN049405.D

Acq: 19 Jun 2018 23:47

Tgt Ion: 84 Resp: 32767

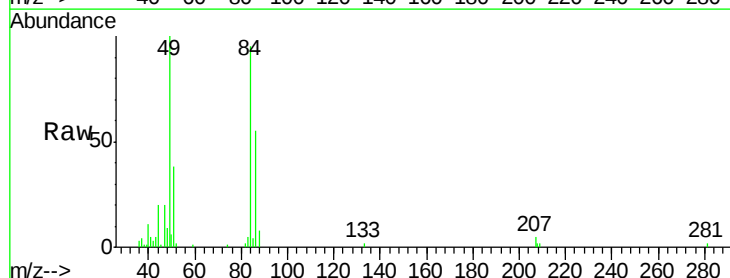
Ion Ratio Lower Upper

84 100

49 104.7 106.9 160.3#

51 39.7 32.7 49.1

86 57.6 49.8 74.8

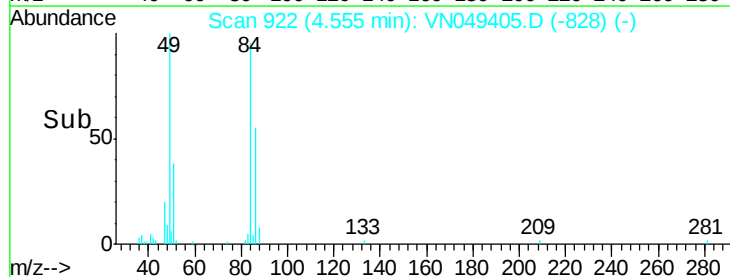
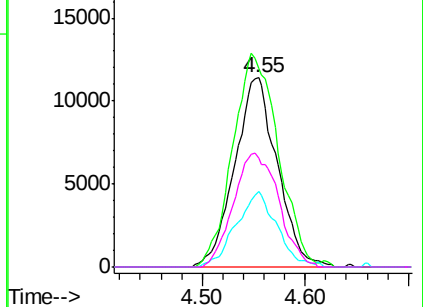


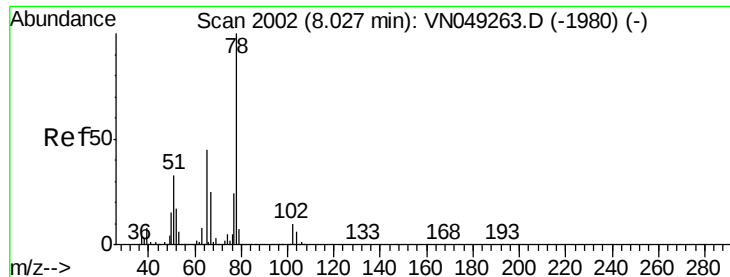
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 52.067 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049405.D

Acq: 19 Jun 2018 23:47

Instrument :

MSVOA_N

ClientSampleId :

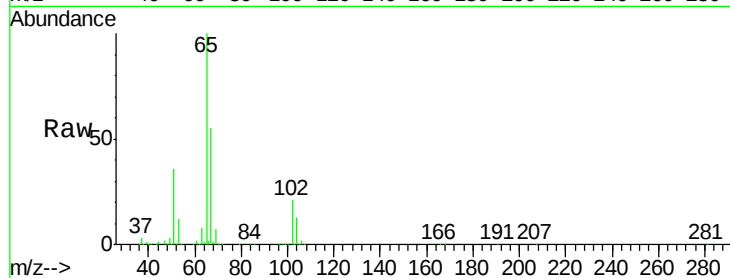
PB110363ZHE#17

Tot Ion: 65 Resp: 801266

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049405.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049405.D (-1909) (-)

8.03

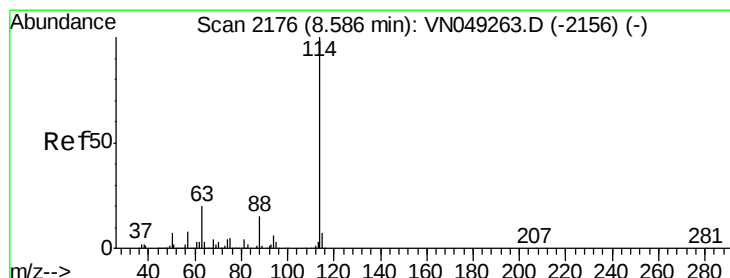
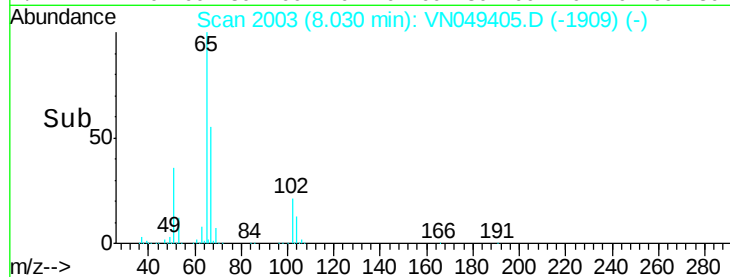
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049405.D

Acq: 19 Jun 2018 23:47

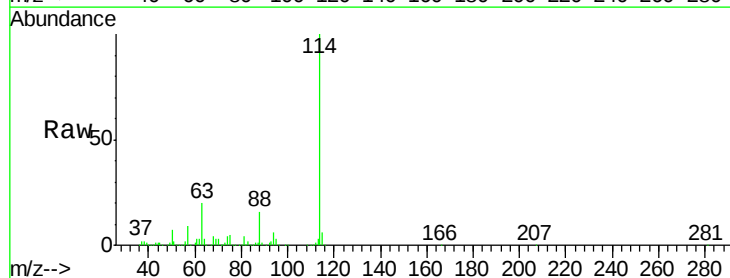
Tgt Ion: 114 Resp: 1903941

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049405.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049405.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049405.D (-2083) (-)

8.59

1200000

1000000

800000

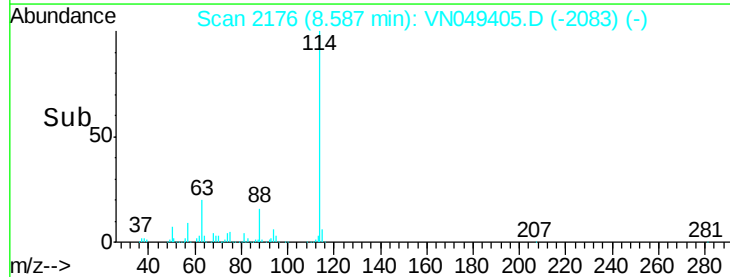
600000

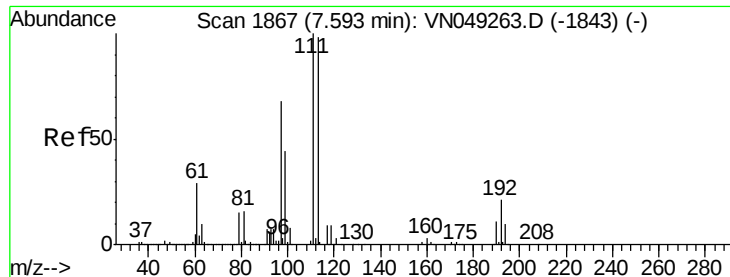
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.219 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049405.D

Acq: 19 Jun 2018 23:47

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#17

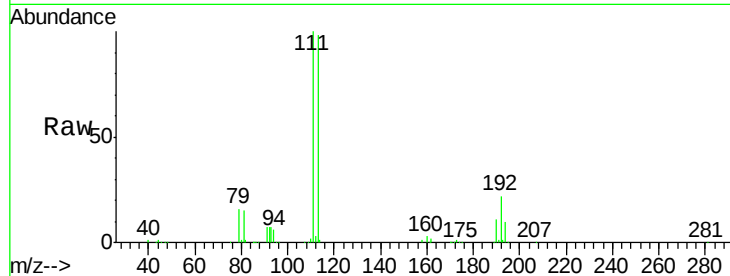
Tot Ion:113 Resp: 696536

Ion Ratio Lower Upper

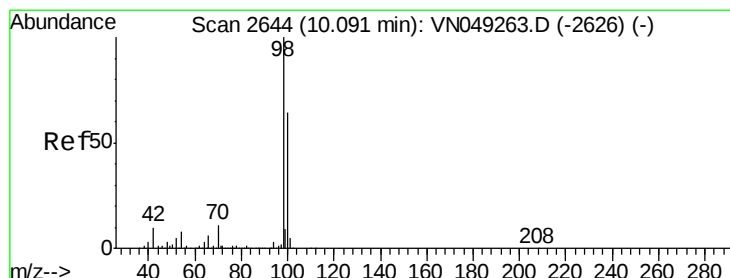
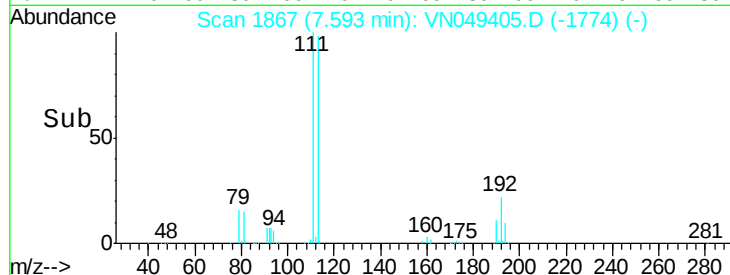
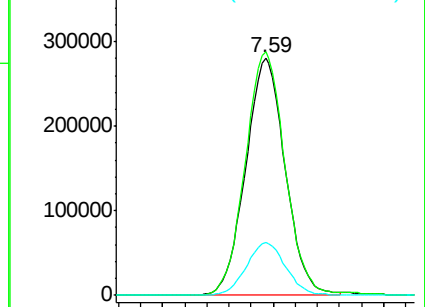
113 100

111 104.2 82.4 123.6

192 22.5 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: 43.291 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049405.D

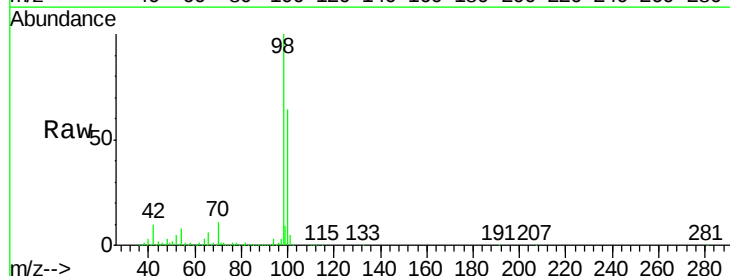
Acq: 19 Jun 2018 23:47

Tgt Ion: 98 Resp: 2539112

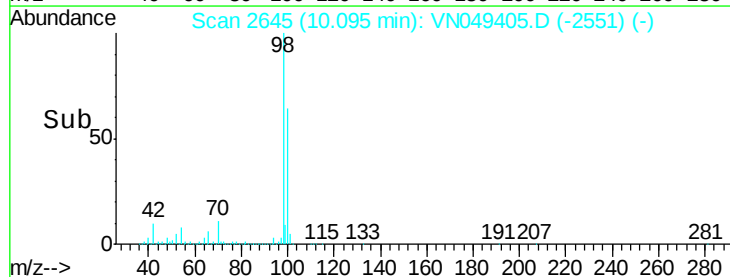
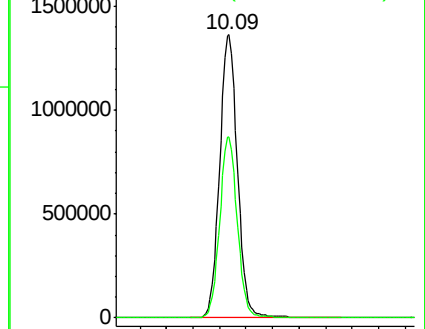
Ion Ratio Lower Upper

98 100

100 63.2 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: 31.441 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049405.D

Acq: 19 Jun 2018 23:47

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#17

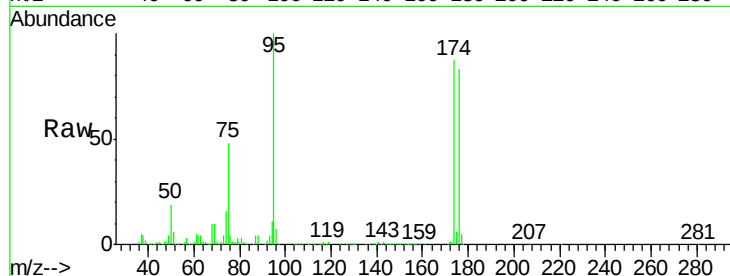
Tot Ion: 95 Resp: 609757

Ion Ratio Lower Upper

95 100

174 89.5 0.0 165.6

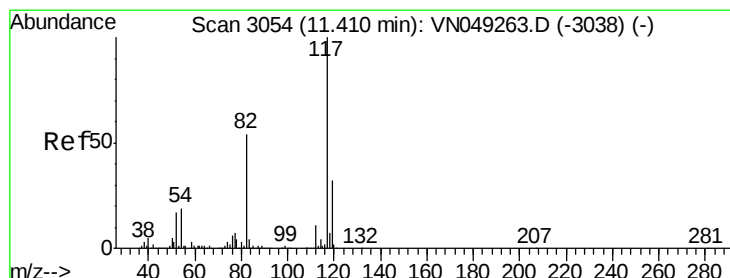
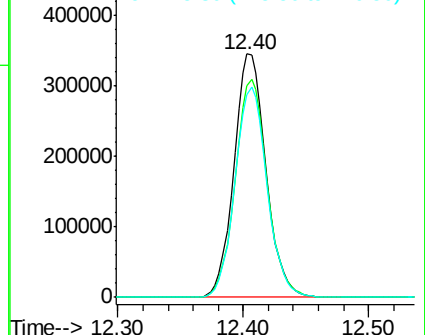
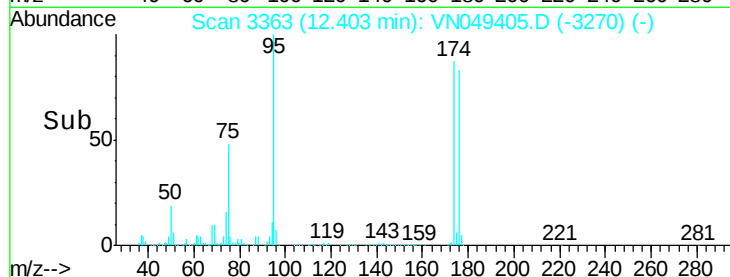
176 87.0 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049405.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049405.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049405.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049405.D

Acq: 19 Jun 2018 23:47

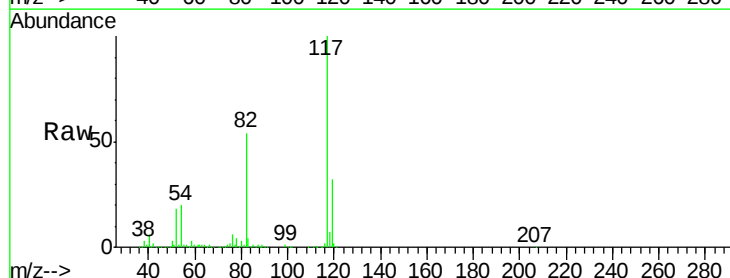
Tgt Ion: 117 Resp: 1518599

Ion Ratio Lower Upper

117 100

82 53.9 45.9 68.9

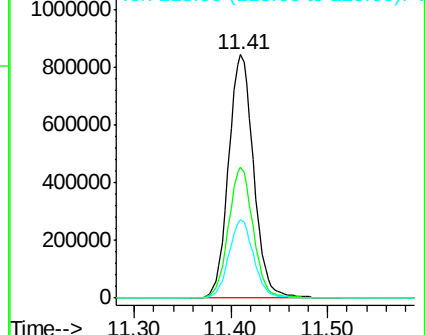
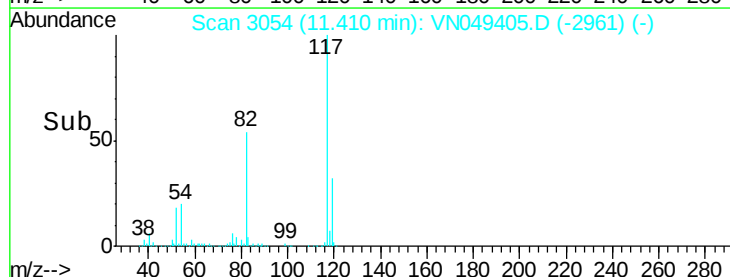
119 32.2 25.5 38.3

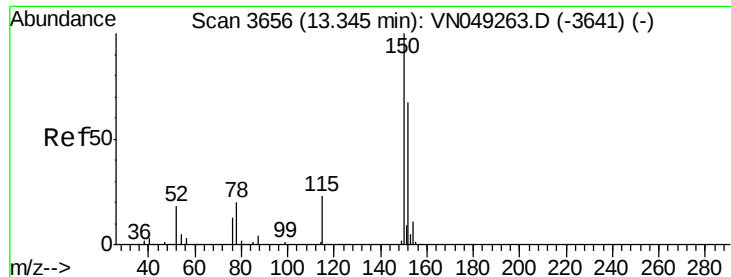


Abundance Ion 116.90 (116.60 to 117.60): VN049405.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049405.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049405.D (-2961) (-)



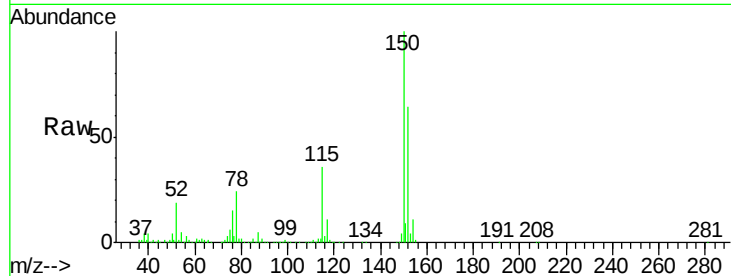


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3657
 Delta R.T. 0.00 min
 Lab File: VN049405.D
 Acq: 19 Jun 2018 23:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#17

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.7	86.1
150	158.5	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

