

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049746.D
 Acq On : 6 Jul 2018 18:21
 Operator : MD\SY
 Sample : PB110875ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110875ZHE#03

Quant Time: Jul 06 22:59:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

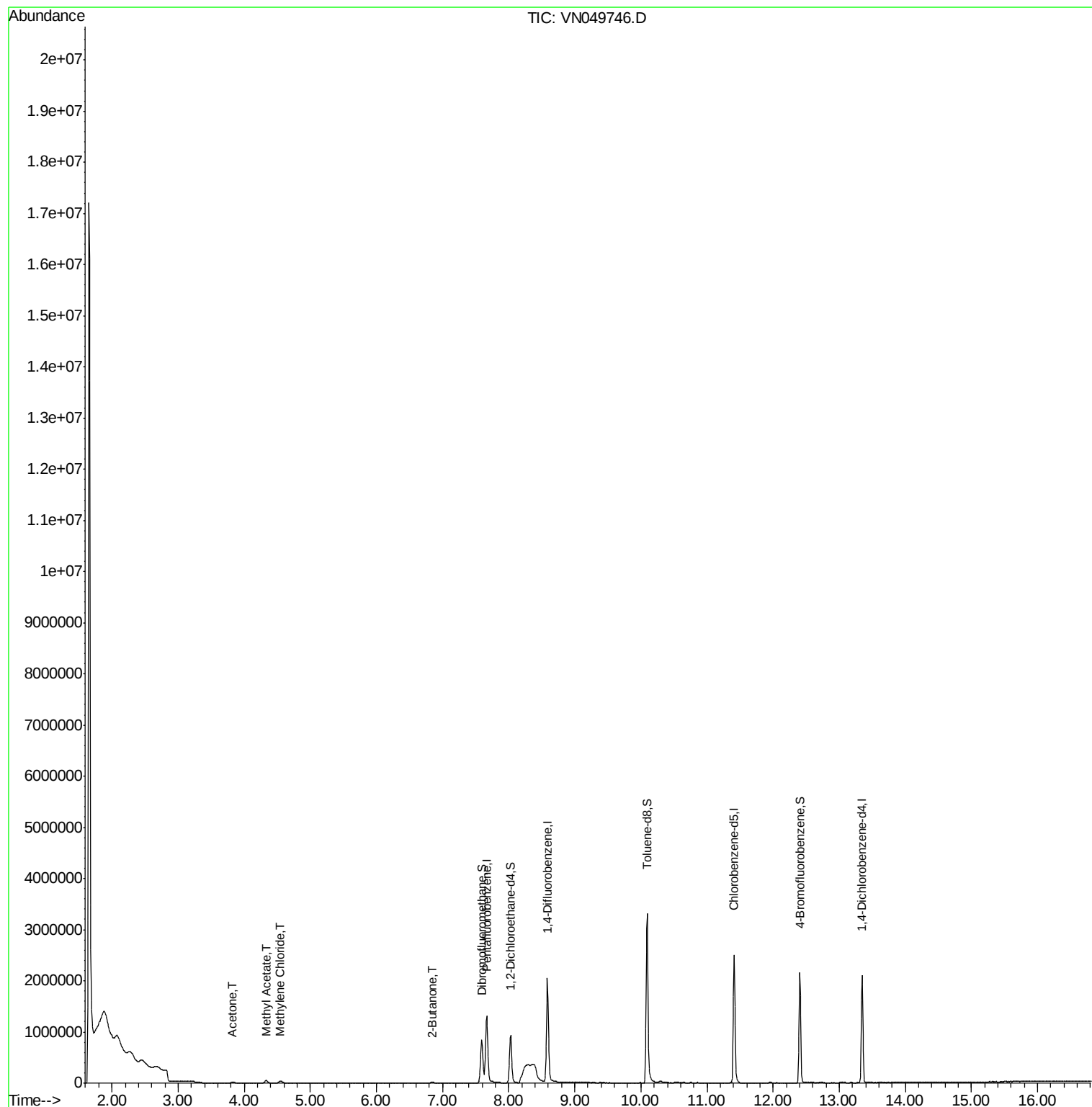
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1177293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1945996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1601492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	609918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	810206	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
35) Dibromofluoromethane	7.59	113	649838	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
50) Toluene-d8	10.09	98	2558722	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
62) 4-Bromofluorobenzene	12.40	95	730650	37.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.16%	
Target Compounds						
16) Acetone	3.83	43	31723	2.242	ug/l	100
18) Methyl Acetate	4.33	43	89096	1.148	ug/l	99
20) Methylene Chloride	4.55	84	28529	1.782	ug/l	97
25) 2-Butanone	6.85	43	10902	2.112	ug/l	95

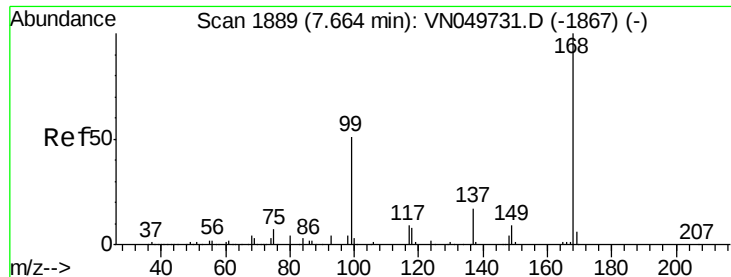
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 06 22:59:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049746.D

Acq: 6 Jul 2018 18:21

Instrument :

MSVOA_N

ClientSampleId :

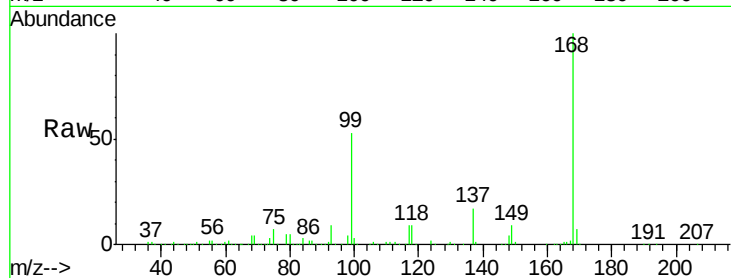
PB110875ZHE#03

Tot Ion:168 Resp: 1177293

Ion Ratio Lower Upper

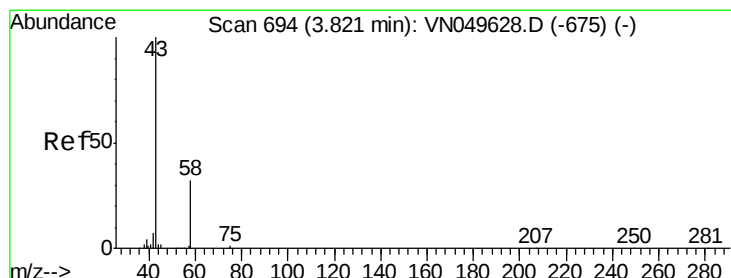
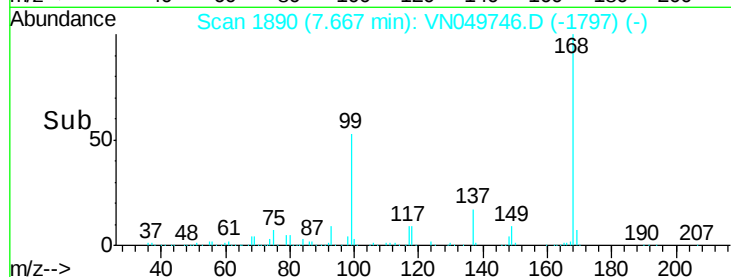
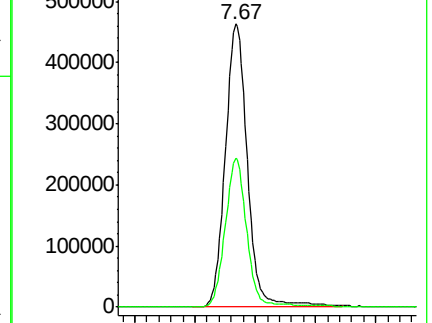
168 100

99 52.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 2.242 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049746.D

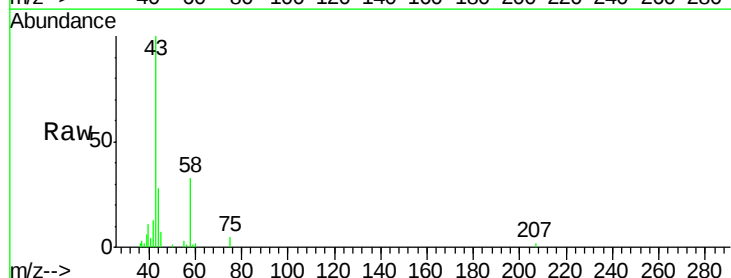
Acq: 6 Jul 2018 18:21

Tgt Ion: 43 Resp: 31723

Ion Ratio Lower Upper

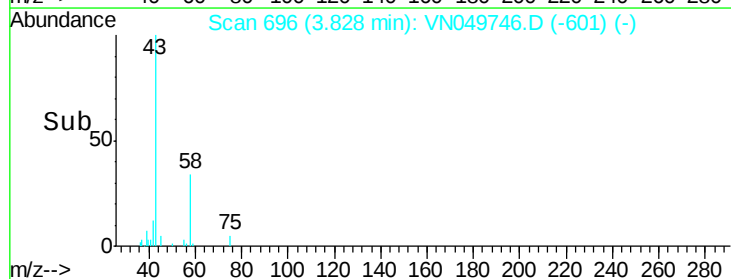
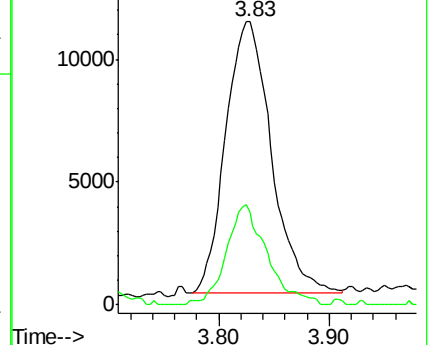
43 100

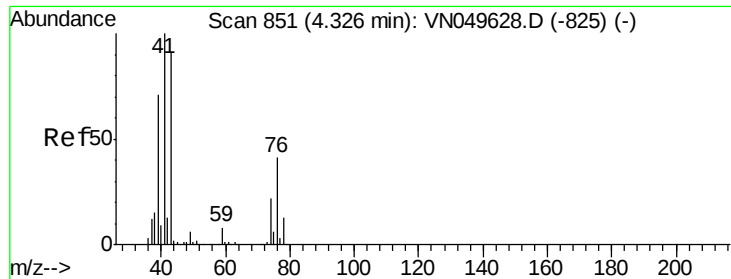
58 32.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

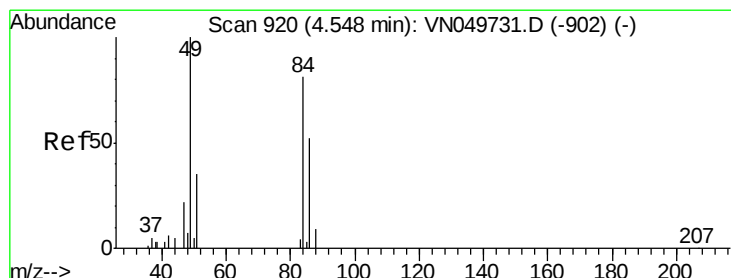
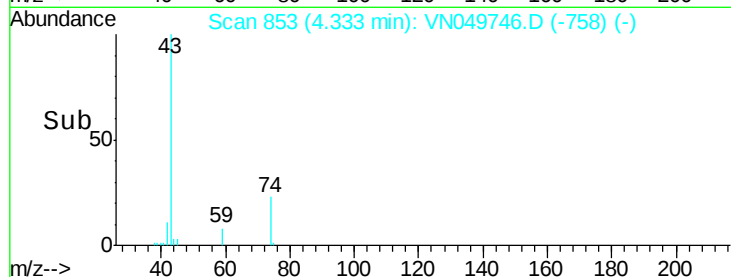
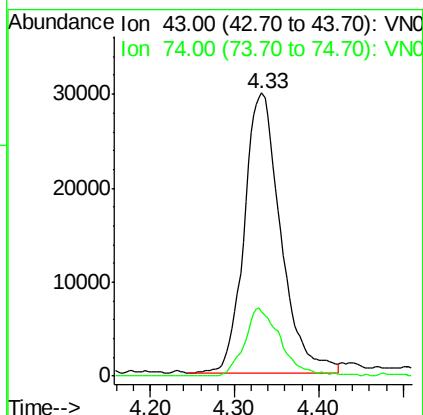
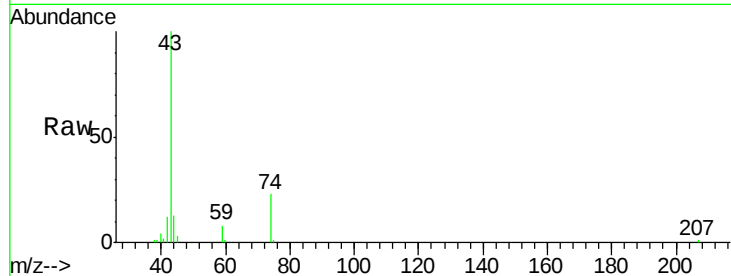




#18
Methvl Acetate
Concen: 1.148 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049746.D
Acq: 6 Jul 2018 18:21

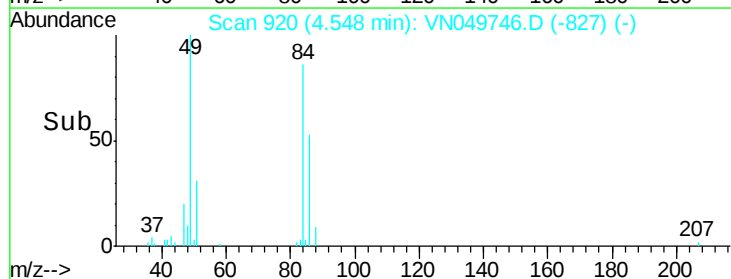
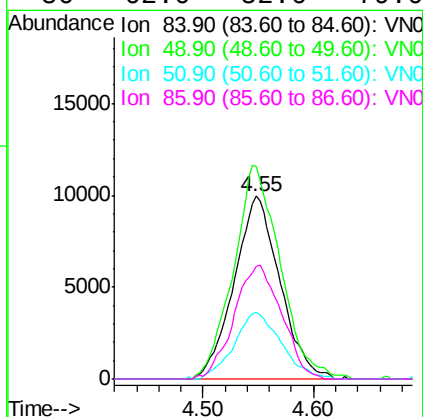
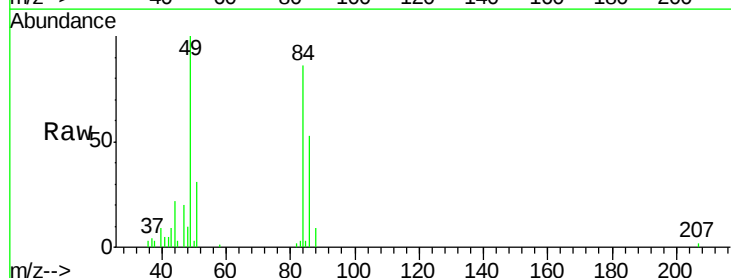
Instrument :
MSVOA_N
ClientSampleId :
PB110875ZHE#03

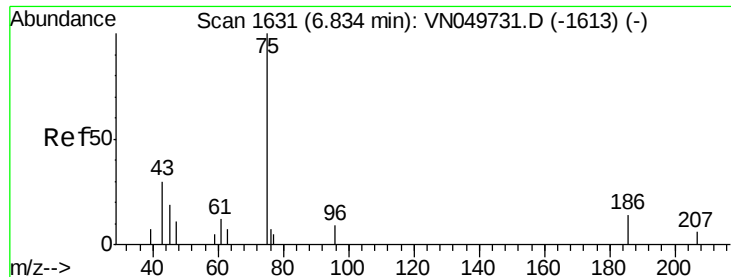
Tot Ion: 43 Resp: 89096
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.8



#20
Methylene Chloride
Concen: 1.782 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049746.D
Acq: 6 Jul 2018 18:21

Tgt Ion: 84 Resp: 28529
Ion Ratio Lower Upper
84 100
49 116.1 95.4 143.2
51 36.2 28.4 42.6
86 62.0 52.6 79.0





#25

2-Butanone

Concen: 2.112 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN049746.D

Acq: 6 Jul 2018 18:21

Instrument :

MSVOA_N

ClientSampleId :

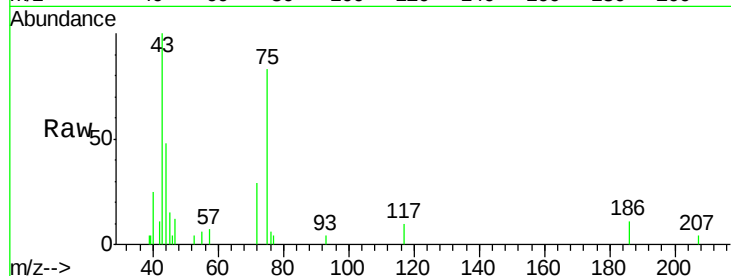
PB110875ZHE#03

Tot Ion: 43 Resp: 10902

Ion Ratio Lower Upper

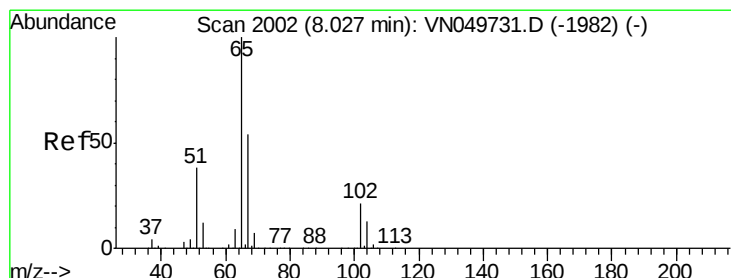
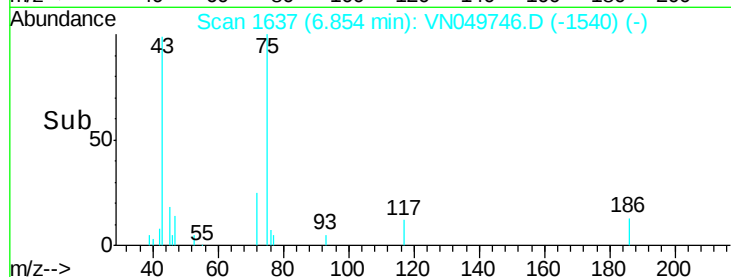
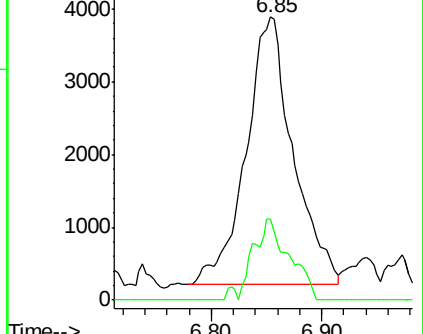
43 100

72 30.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.112 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049746.D

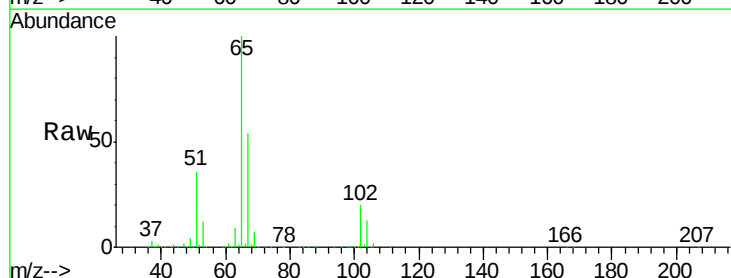
Acq: 6 Jul 2018 18:21

Tgt Ion: 65 Resp: 810206

Ion Ratio Lower Upper

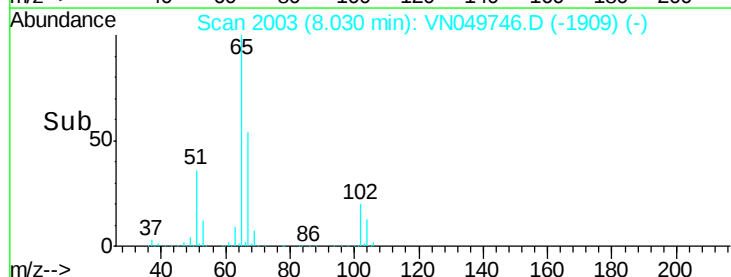
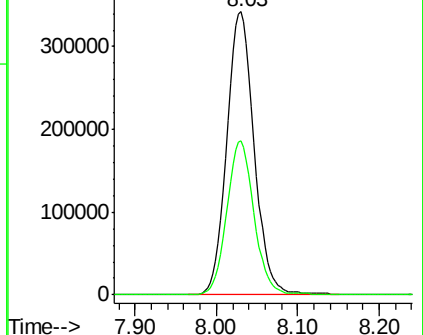
65 100

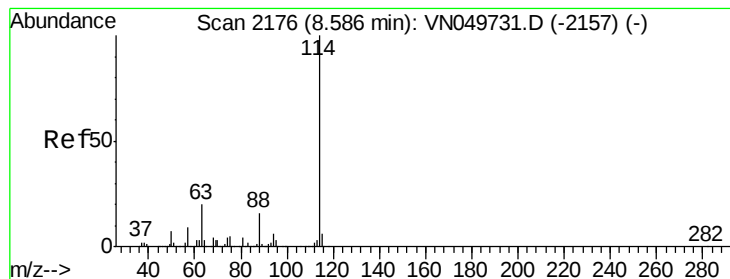
67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049746.D

Acq: 6 Jul 2018 18:21

Instrument :

MSVOA_N

ClientSampleId :

PB110875ZHE#03

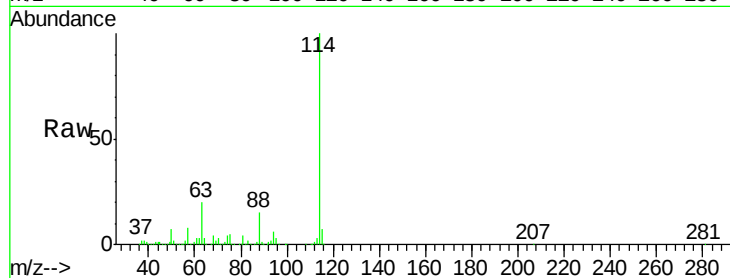
Tot Ion:114 Resp: 1945996

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

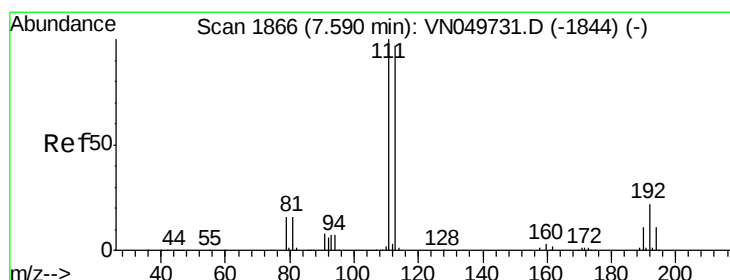
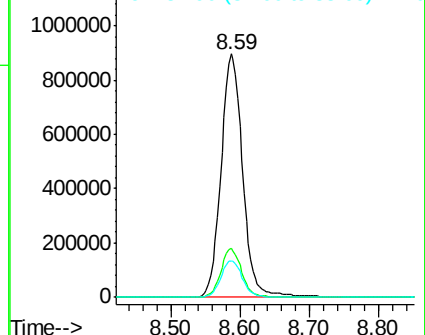
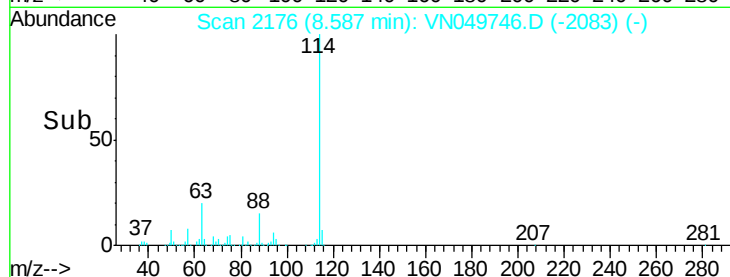
88 15.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 44.667 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049746.D

Acq: 6 Jul 2018 18:21

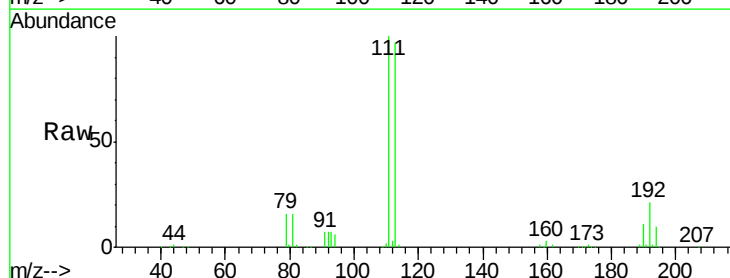
Tgt Ion:113 Resp: 649838

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

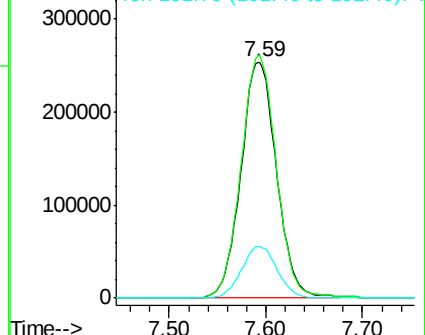
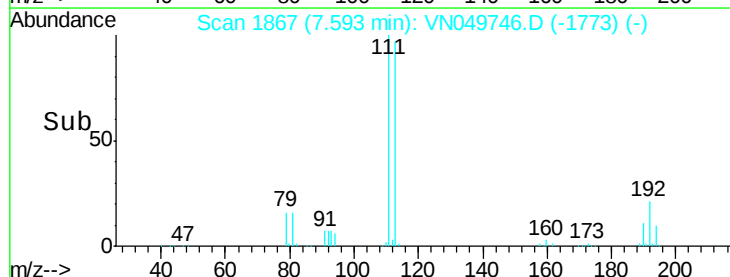
192 21.9 17.8 26.6

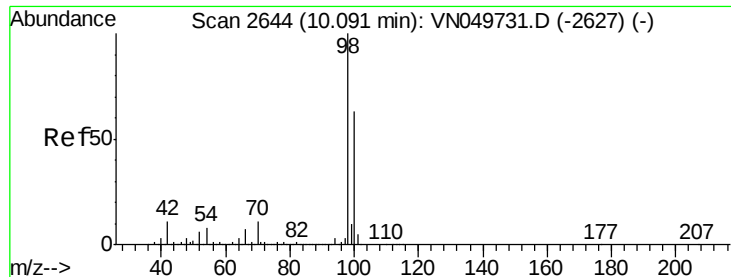


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.933 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049746.D

Acq: 6 Jul 2018 18:21

Instrument :

MSVOA_N

ClientSampleId :

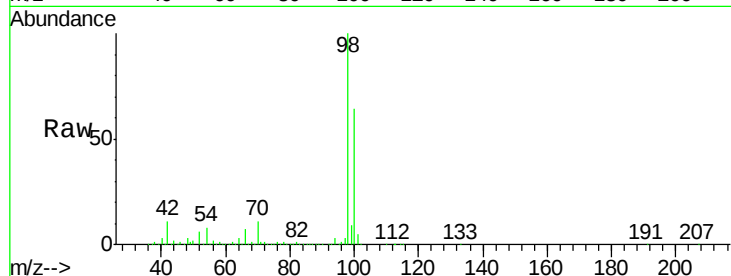
PB110875ZHE#03

Tot Ion: 98 Resp: 2558722

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049731.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN049731.D (-2627) (-)

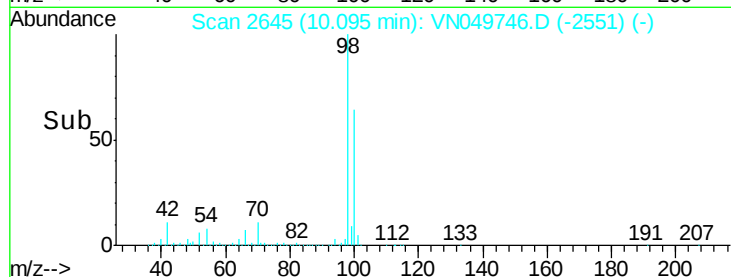
1500000

1000000

500000

0

Time-->



Abundance Ion 98.00 (97.70 to 98.70): VN049731.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN049731.D (-2627) (-)

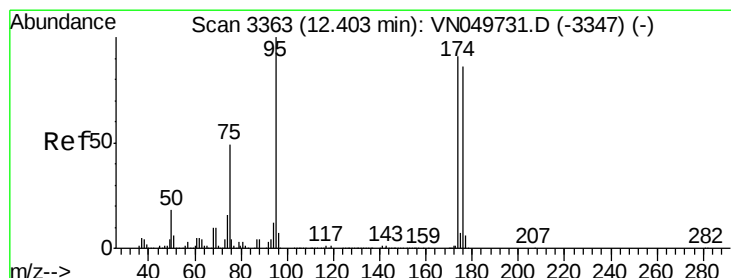
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.581 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049746.D

Acq: 6 Jul 2018 18:21

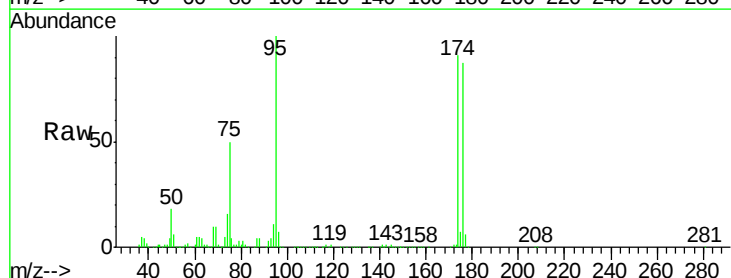
Tgt Ion: 95 Resp: 730650

Ion Ratio Lower Upper

95 100

174 92.1 0.0 179.6

176 87.9 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049731.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049731.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049731.D (-3347) (-)

500000

400000

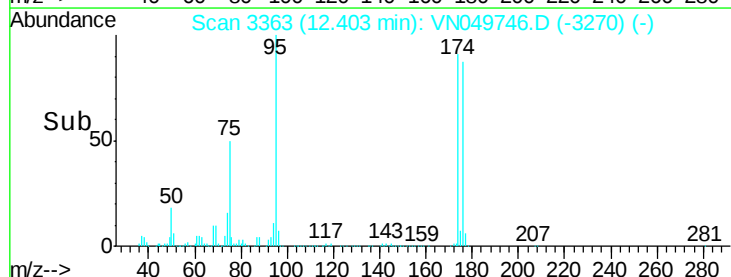
300000

200000

100000

0

Time-->



Abundance Ion 94.90 (94.60 to 95.60): VN049731.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049731.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049731.D (-3347) (-)

500000

400000

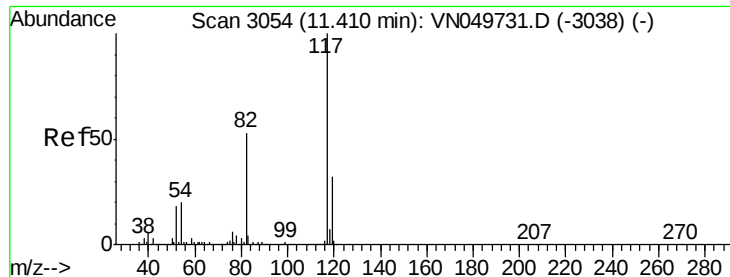
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049746.D

Acq: 6 Jul 2018 18:21

Instrument :

MSVOA_N

ClientSampleId :

PB110875ZHE#03

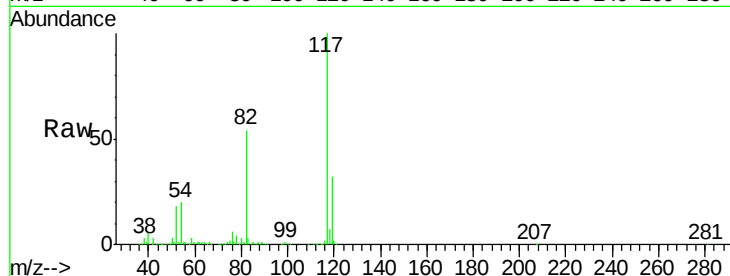
Tot Ion:117 Resp: 1601492

Ion Ratio Lower Upper

117 100

82 54.1 41.9 62.9

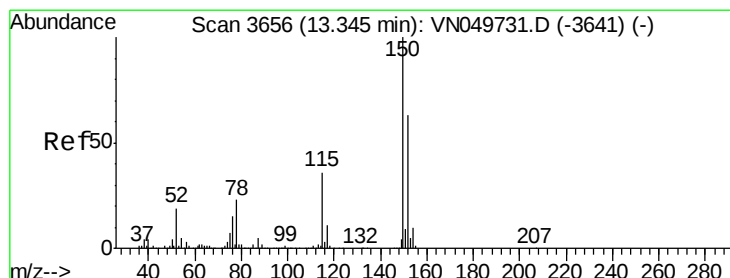
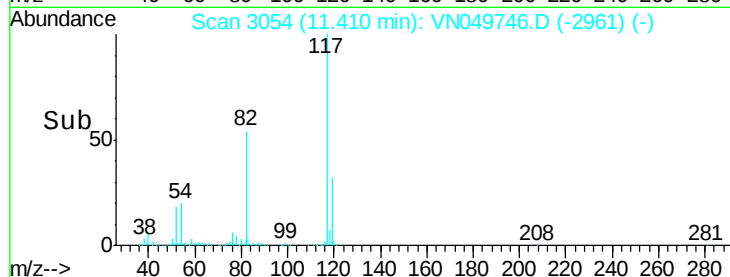
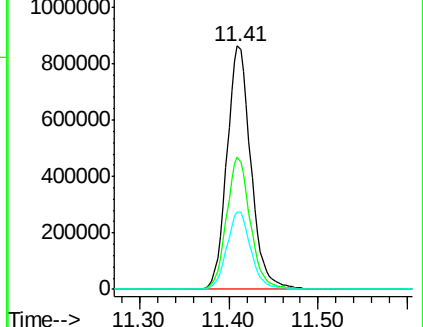
119 31.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049746.D

Acq: 6 Jul 2018 18:21

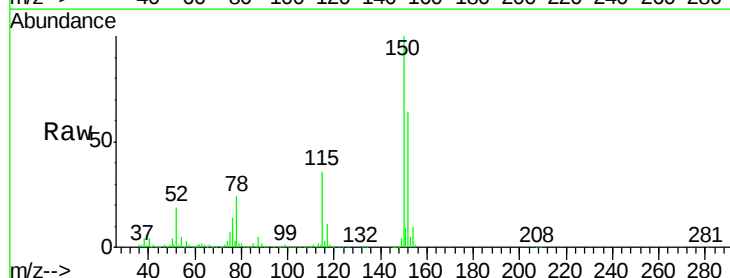
Tgt Ion:152 Resp: 609918

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.2

150 156.1 0.0 347.6



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

