

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049698.D
 Acq On : 3 Jul 2018 17:13
 Operator : MD\SY
 Sample : PB110796ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#01

Quant Time: Jul 04 00:16:10 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

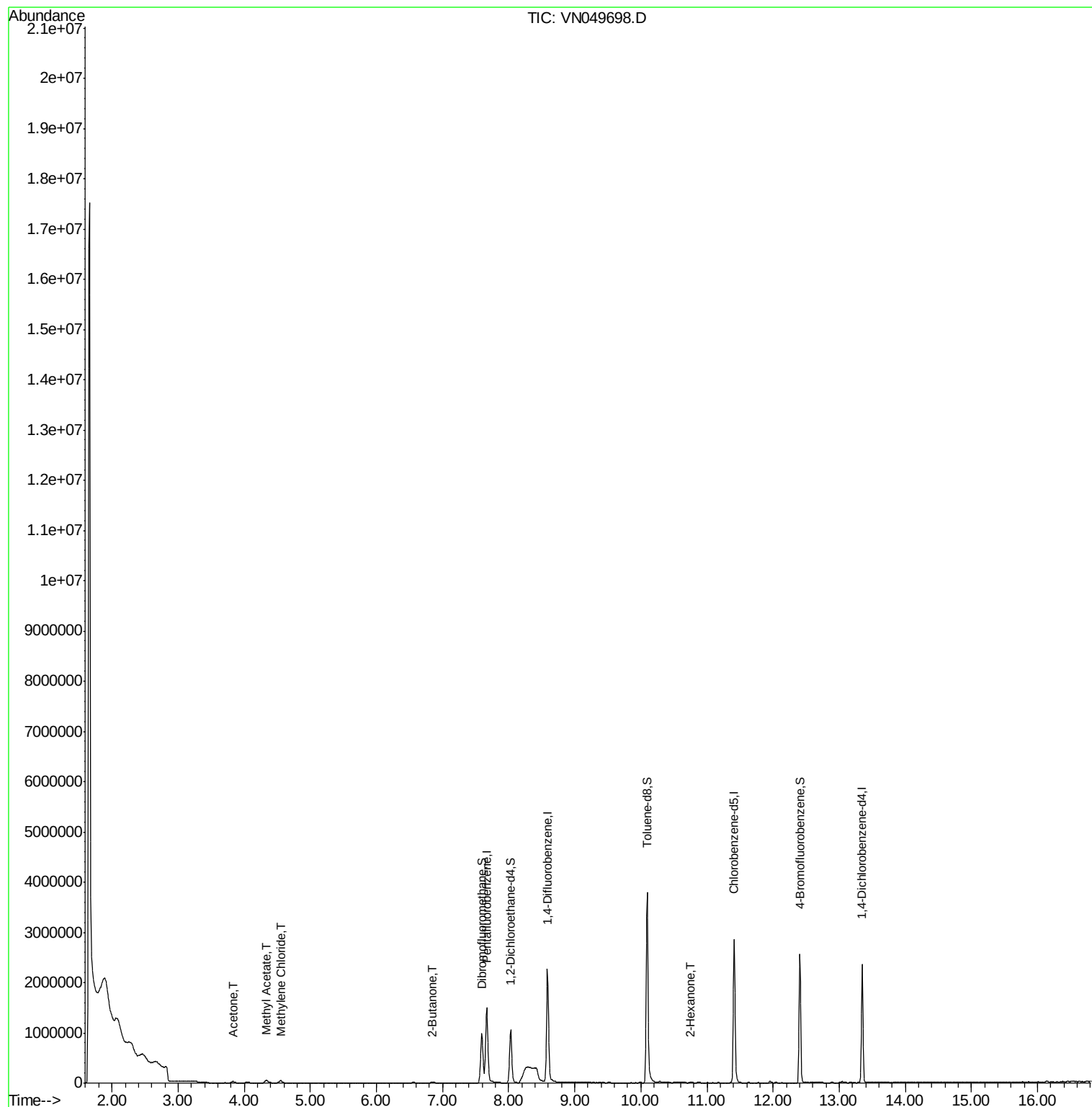
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1337622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2180801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1817964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	678923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	910893	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	7.60	113	762403	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	10.09	98	2899102	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.41	95	866058	39.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.50%	
Target Compounds						
16) Acetone	3.83	43	42820	4.215	ug/l	94
18) Methyl Acetate	4.33	43	102997	1.275	ug/l	97
20) Methylene Chloride	4.55	84	28423	1.563	ug/l #	90
25) 2-Butanone	6.85	43	23526	4.012	ug/l	99
59) 2-Hexanone	10.76	43	9751	1.051	ug/l	97

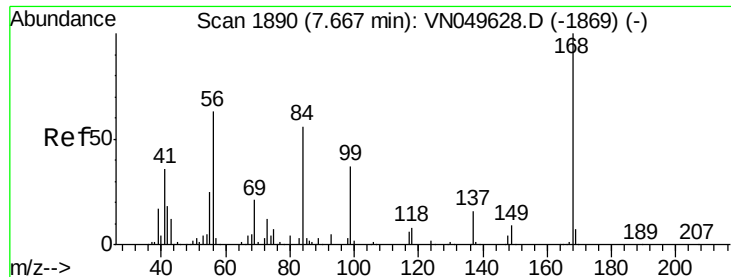
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049698.D

Acq: 3 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

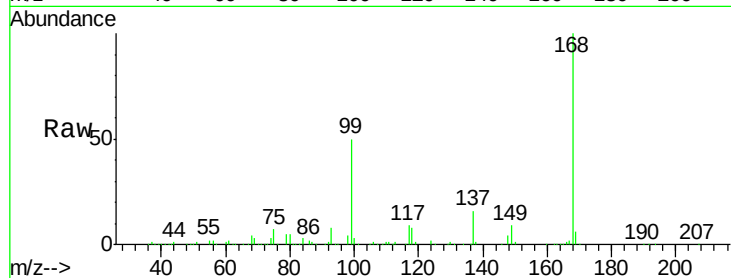
PB110796ZHE#01

Tot Ion:168 Resp: 1337622

Ion Ratio Lower Upper

168 100

99 50.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

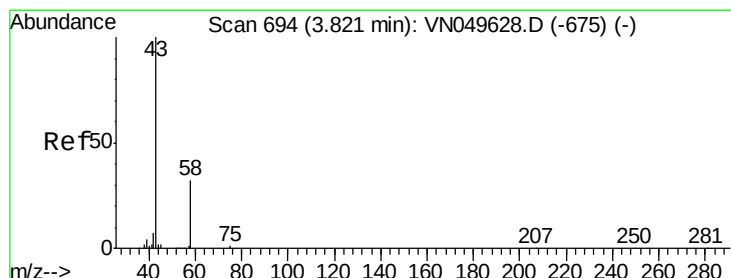
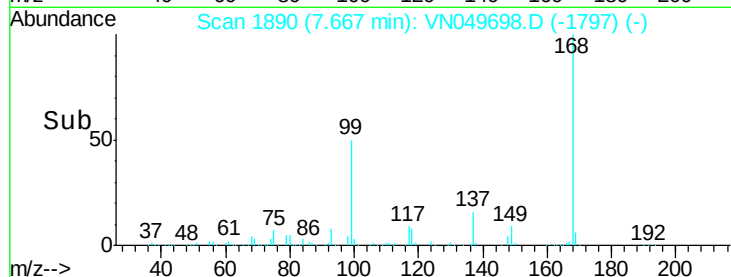
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.215 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049698.D

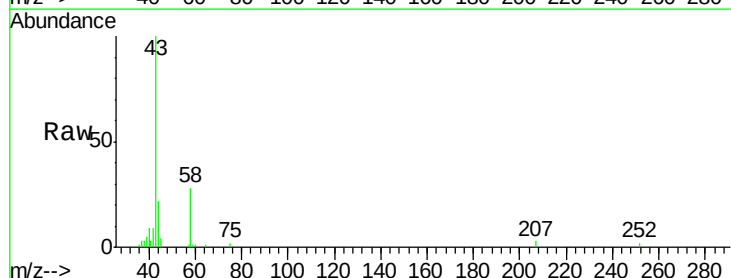
Acq: 3 Jul 2018 17:13

Tgt Ion: 43 Resp: 42820

Ion Ratio Lower Upper

43 100

58 28.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

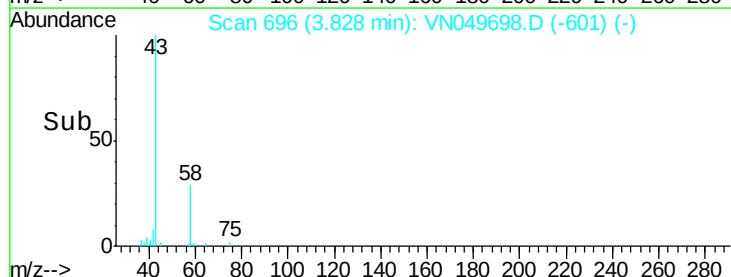
15000

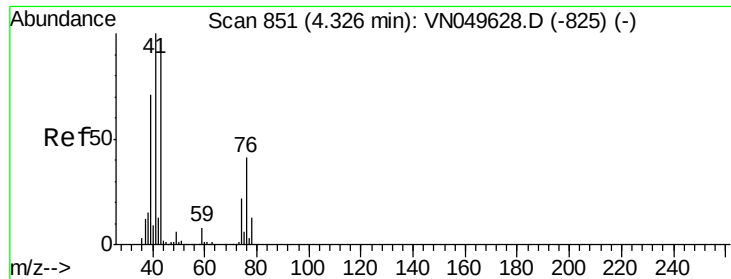
10000

5000

0

Time-->

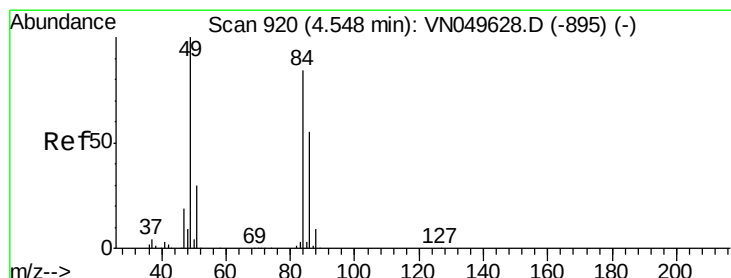
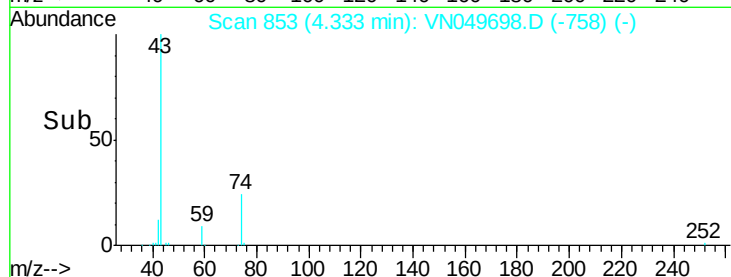
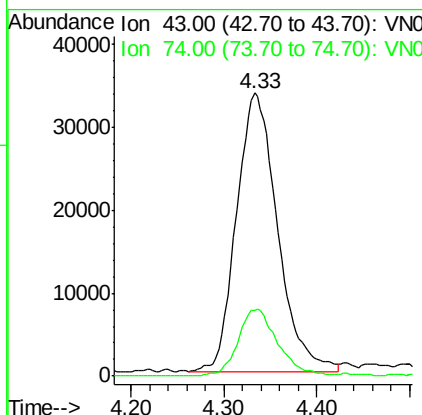
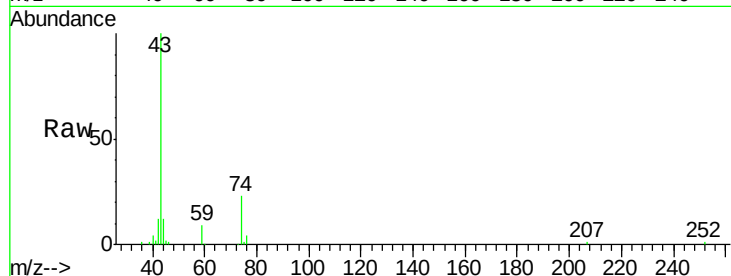




#18
Methvl Acetate
Concen: 1.275 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049698.D
Acq: 3 Jul 2018 17:13

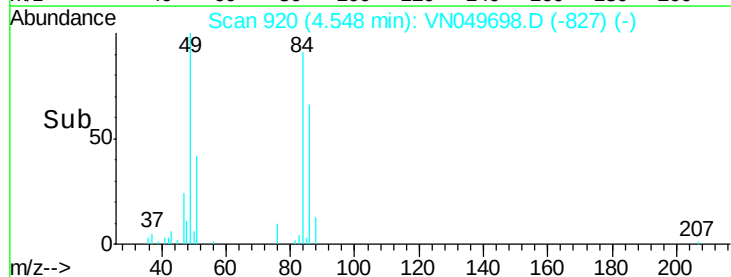
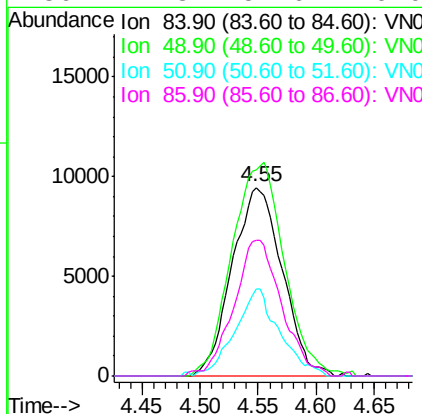
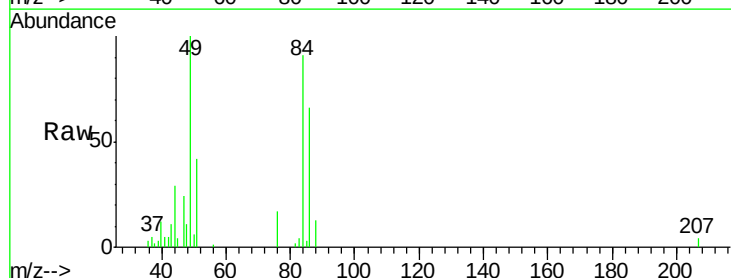
Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#01

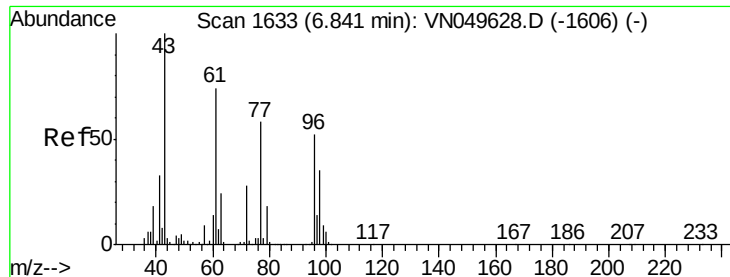
Tot Ion: 43 Resp: 102997
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8



#20
Methylene Chloride
Concen: 1.563 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049698.D
Acq: 3 Jul 2018 17:13

Tgt Ion: 84 Resp: 28423
Ion Ratio Lower Upper
84 100
49 109.7 95.4 143.2
51 46.2 28.4 42.6#
86 72.3 52.6 79.0

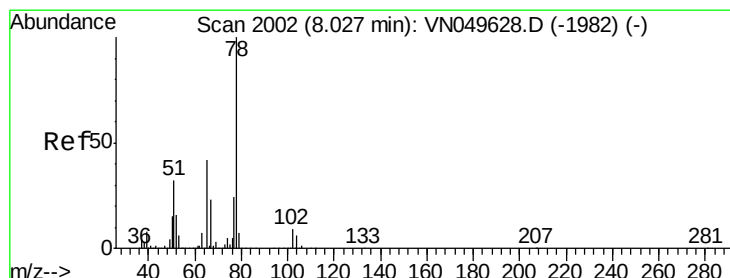
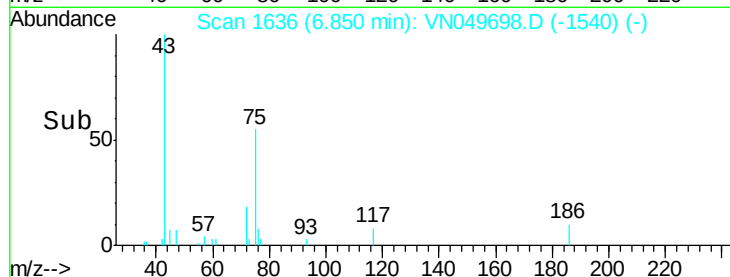
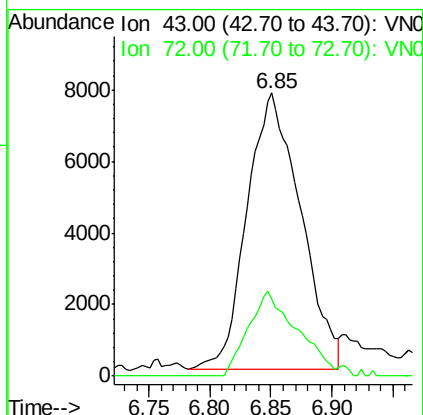
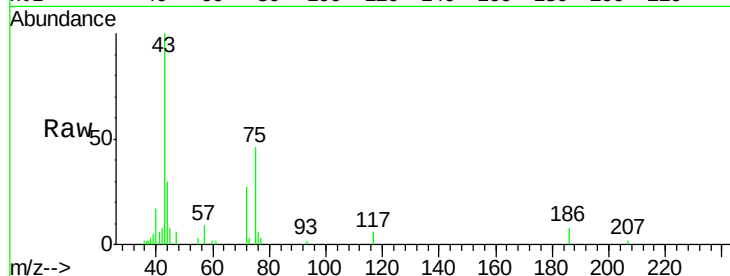




#25
2-Butanone
Concen: 4.012 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049698.D
Acq: 3 Jul 2018 17:13

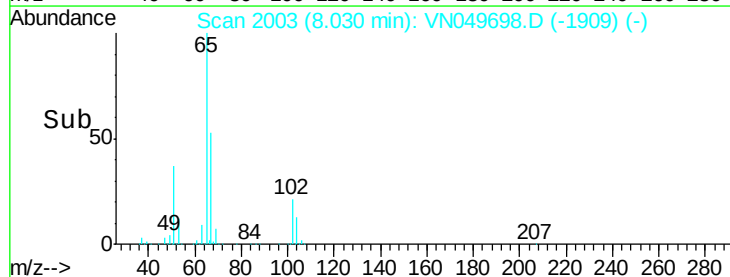
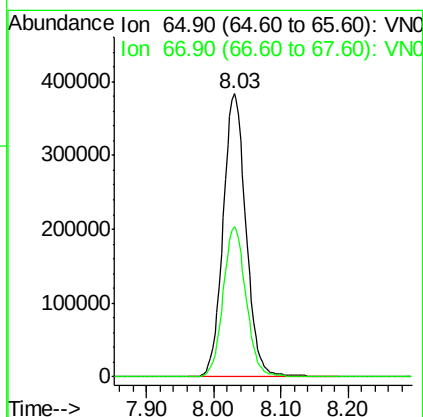
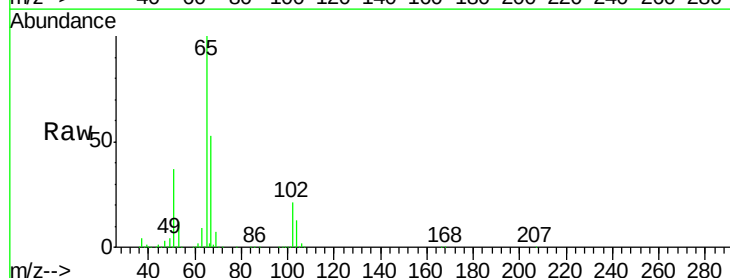
Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#01

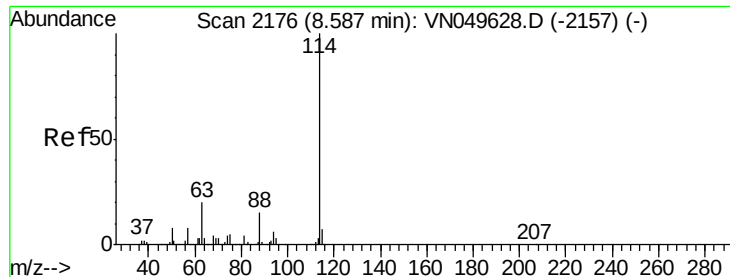
Tot Ion: 43 Resp: 23526
Ion Ratio Lower Upper
43 100
72 28.1 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 51.566 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049698.D
Acq: 3 Jul 2018 17:13

Tgt Ion: 65 Resp: 910893
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049698.D

Acq: 3 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#01

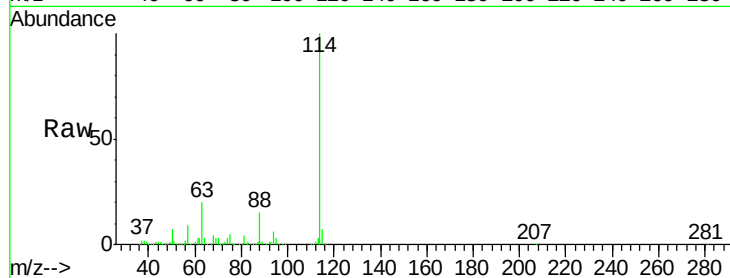
Tot Ion:114 Resp: 2180801

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

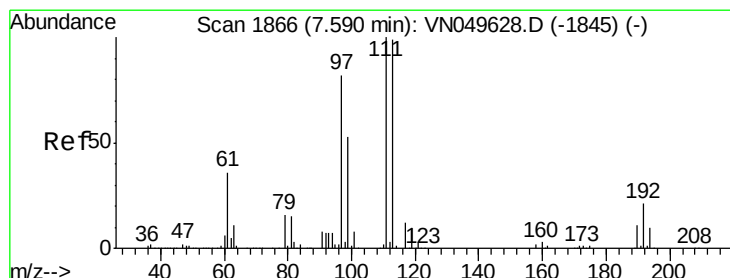
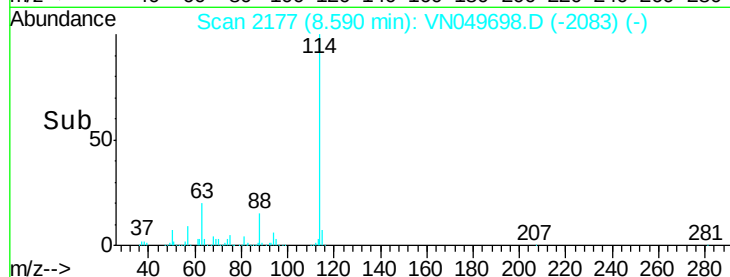
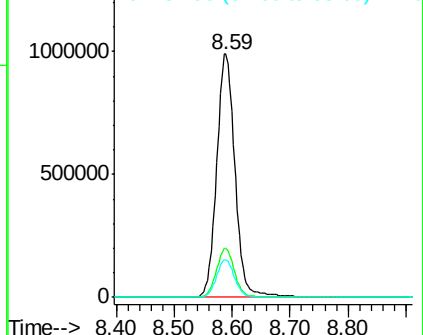
88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.762 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.01 min

Lab File: VN049698.D

Acq: 3 Jul 2018 17:13

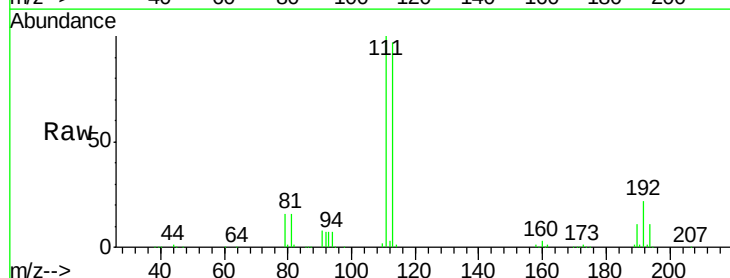
Tgt Ion:113 Resp: 762403

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

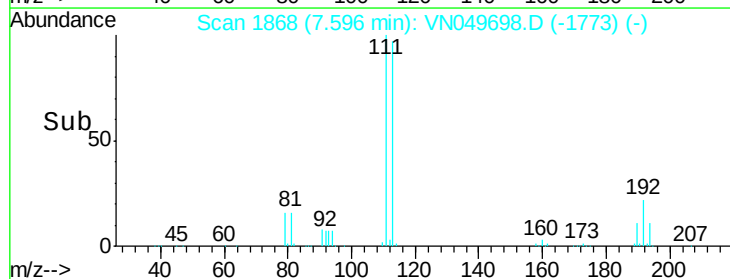
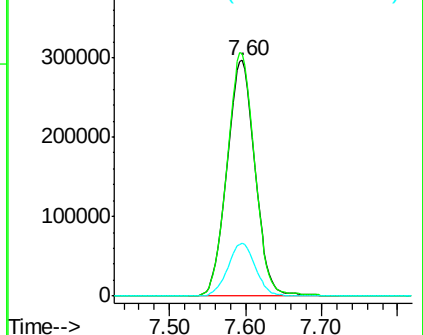
192 21.9 17.8 26.6

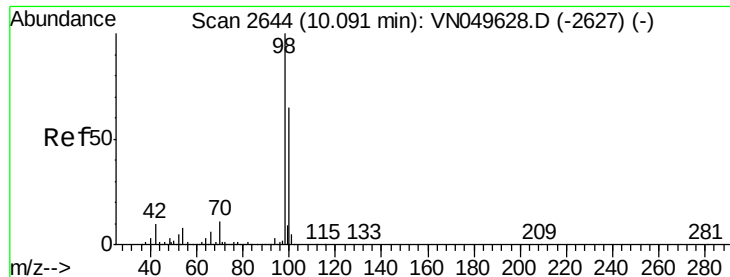


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

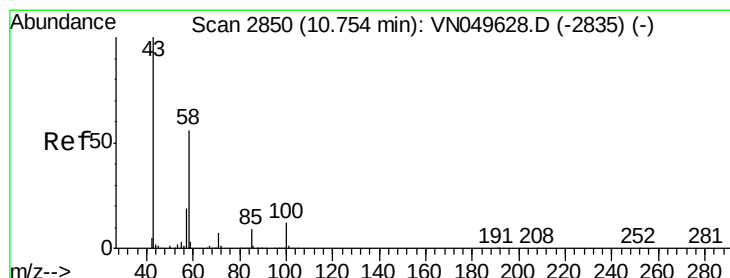
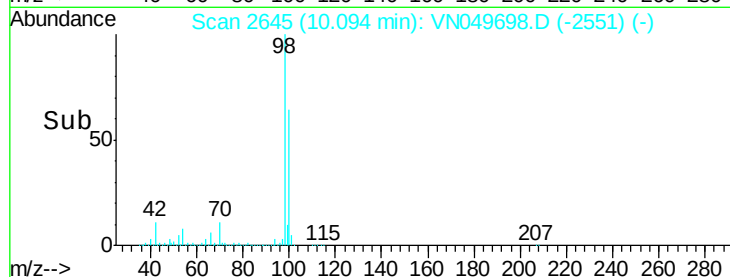
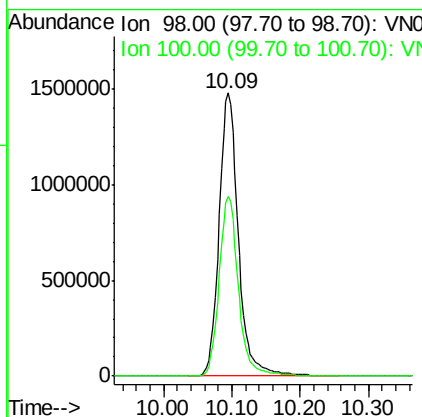
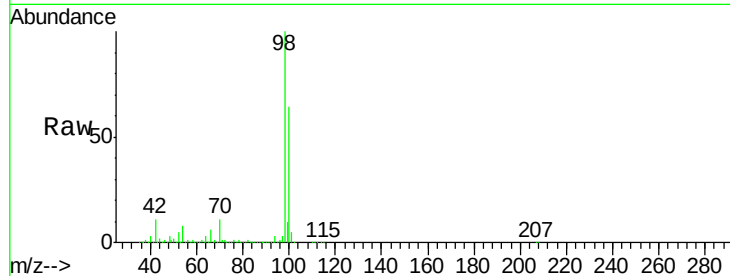




#50
Toluene-d8
Concen: 45.429 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049698.D
Acq: 3 Jul 2018 17:13

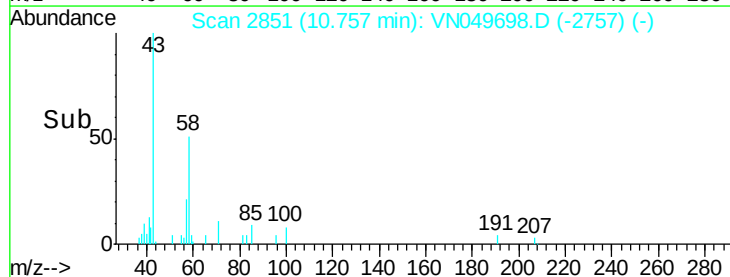
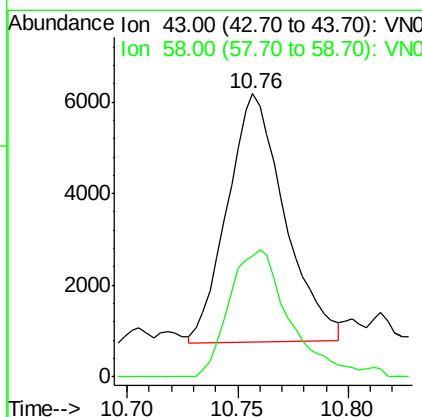
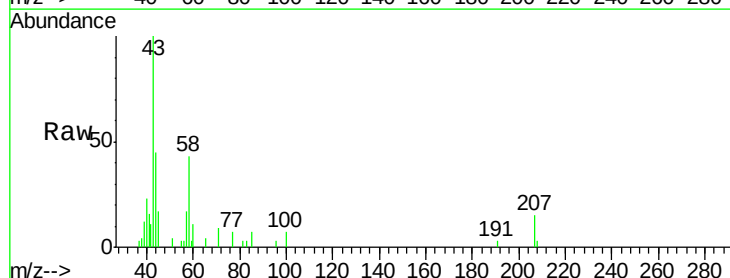
Instrument :
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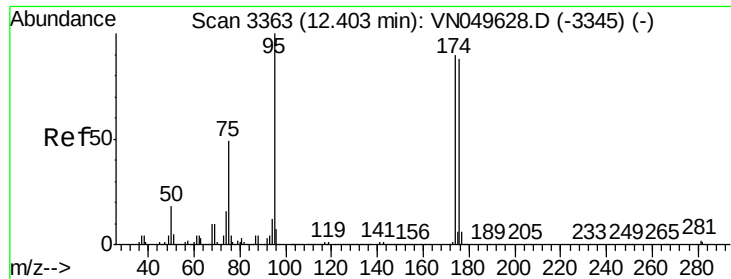
Tot Ion: 98 Resp: 2899102
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#59
2-Hexanone
Concen: 1.051 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049698.D
Acq: 3 Jul 2018 17:13

Tgt Ion: 43 Resp: 9751
Ion Ratio Lower Upper
43 100
58 53.6 27.8 83.4





#62

4-Bromofluorobenzene

Concen: 39.750 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049698.D

Acq: 3 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#01

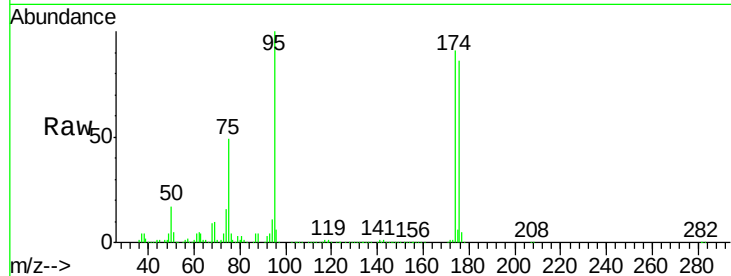
Tot Ion: 95 Resp: 866058

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.6

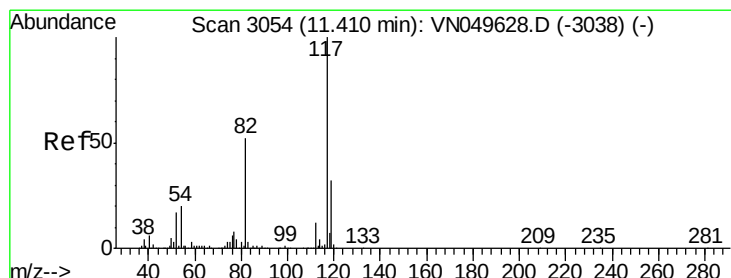
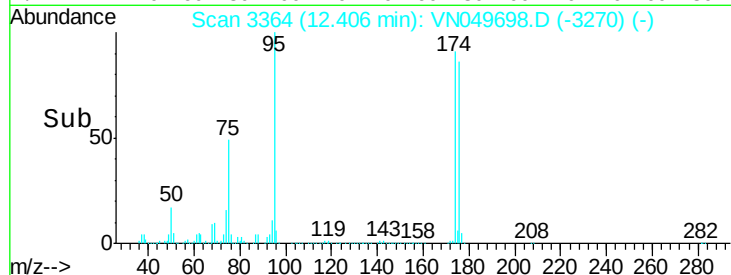
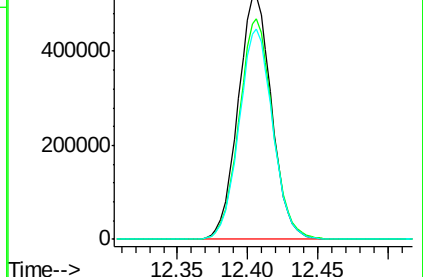
176 86.4 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049628.D (-3345) (-)

Ion 173.80 (173.50 to 174.50): VN049628.D (-3345) (-)

Ion 175.80 (175.50 to 176.50): VN049628.D (-3345) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049698.D

Acq: 3 Jul 2018 17:13

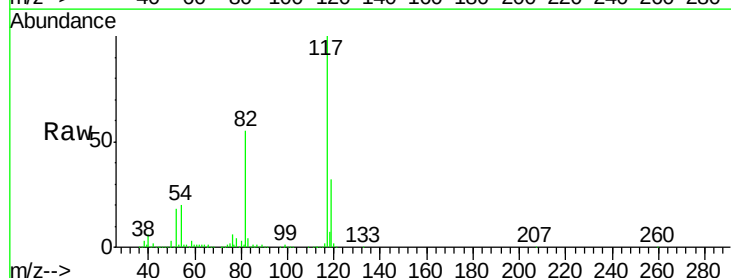
Tgt Ion: 117 Resp: 1817964

Ion Ratio Lower Upper

117 100

82 55.0 41.9 62.9

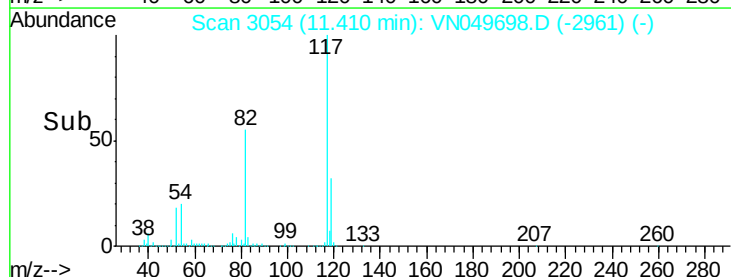
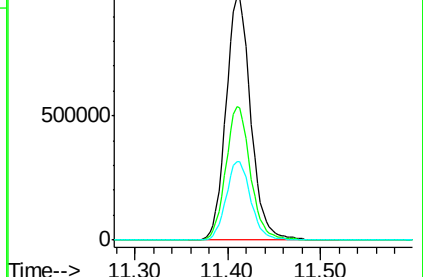
119 32.5 25.4 38.2

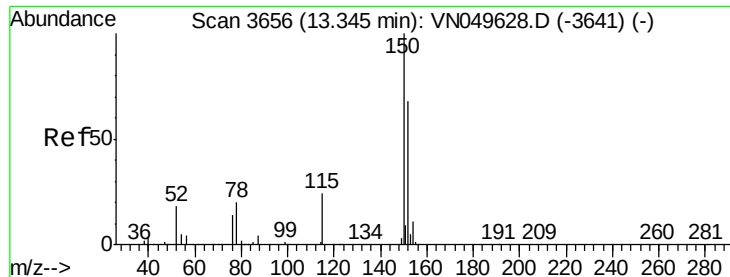


Abundance Ion 116.90 (116.60 to 117.60): VN049628.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049628.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049628.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: VN049698.D

Acq: 3 Jul 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#01

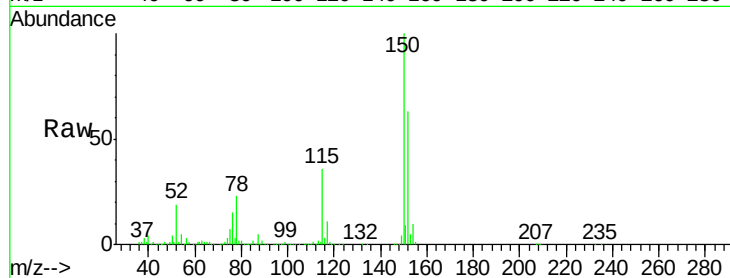
Tot Ion:152 Resp: 678923

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 157.0 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

