

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049706.D
 Acq On : 3 Jul 2018 20:40
 Operator : MD\SY
 Sample : PB110796ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#09

Quant Time: Jul 04 00:40:56 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

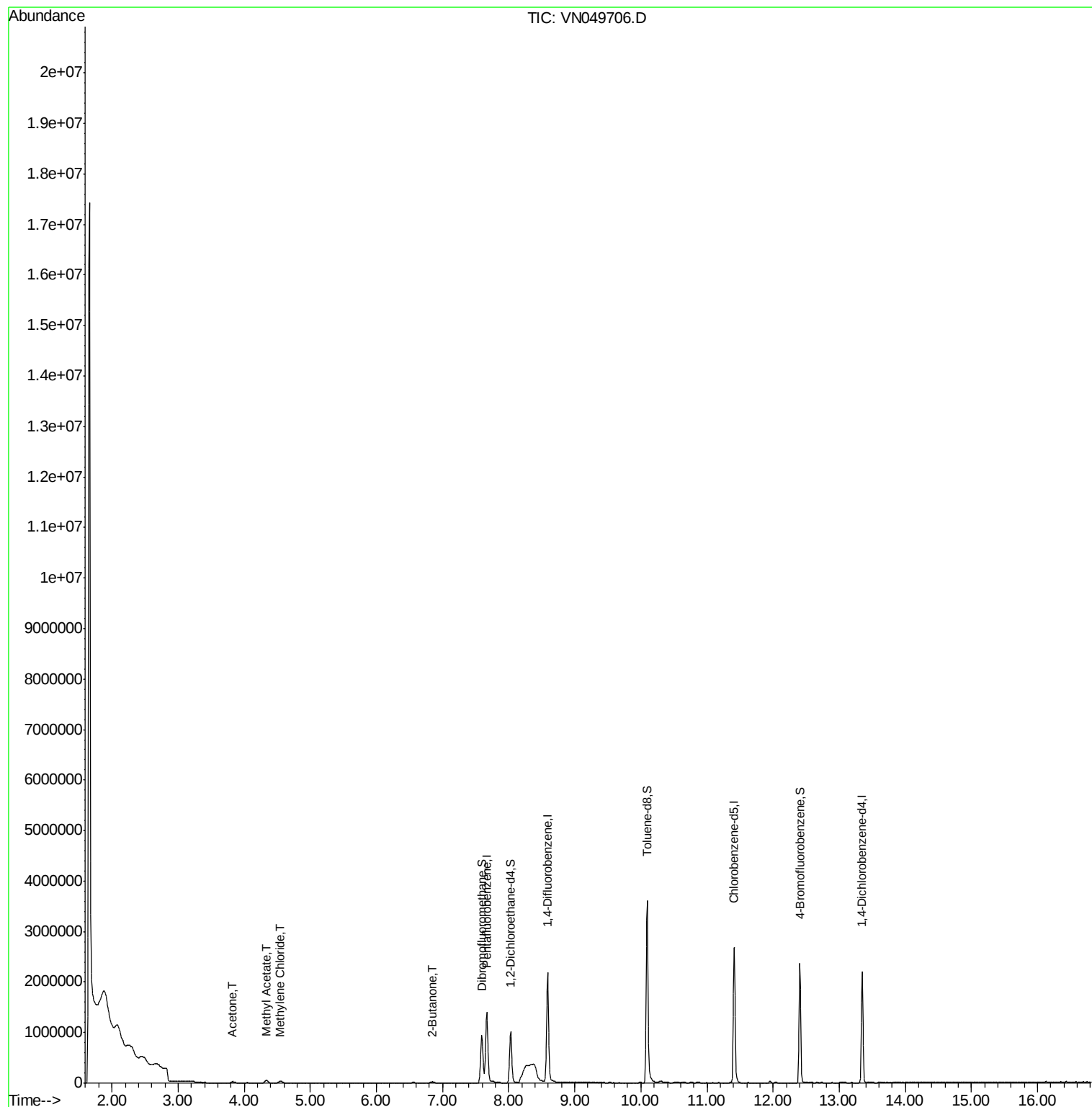
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1236889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2060049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1725614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	636822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	863335	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.59	113	727712	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	10.09	98	2752955	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
62) 4-Bromofluorobenzene	12.40	95	806636	39.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.38%	
Target Compounds						
16) Acetone	3.82	43	43677	5.500	ug/l	99
18) Methyl Acetate	4.33	43	97115	1.420	ug/l	97
20) Methylene Chloride	4.55	84	26607	1.582	ug/l	98
25) 2-Butanone	6.85	43	22897	4.222	ug/l	90

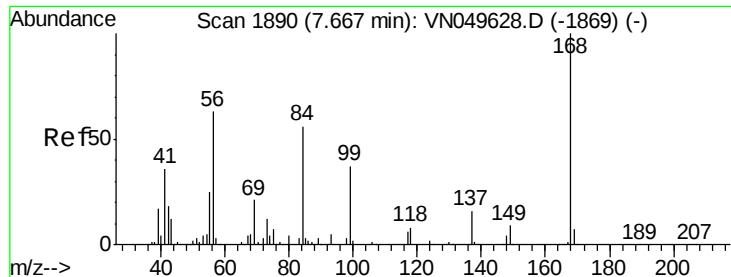
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
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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: VN049706.D

Acq: 3 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

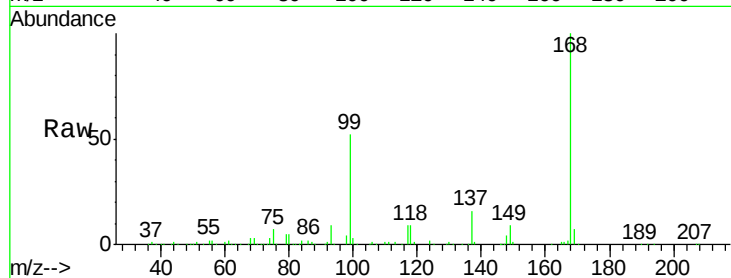
PB110796ZHE#09

Tot Ion:168 Resp: 1236889

Ion Ratio Lower Upper

168 100

99 51.8 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

500000

400000

300000

200000

100000

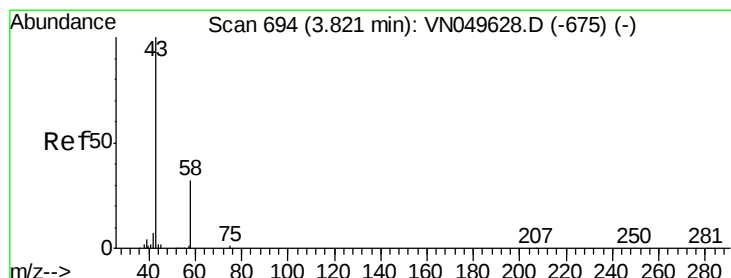
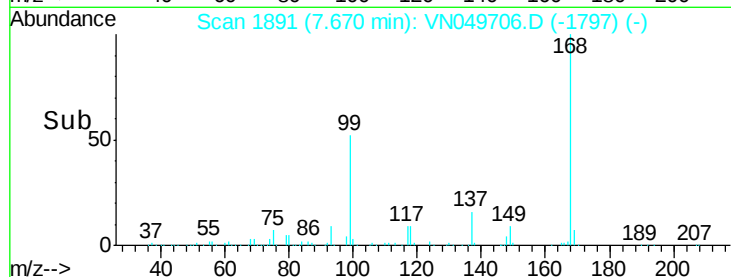
0

Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 5.500 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049706.D

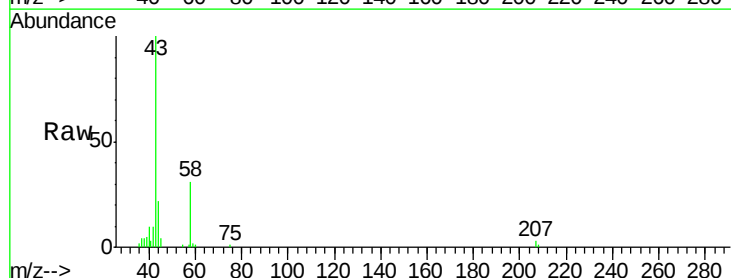
Acq: 3 Jul 2018 20:40

Tgt Ion: 43 Resp: 43677

Ion Ratio Lower Upper

43 100

58 31.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

15000

10000

5000

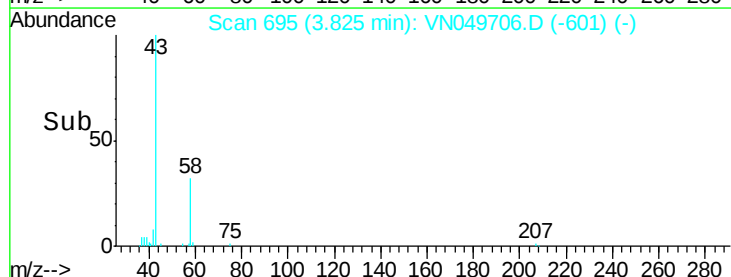
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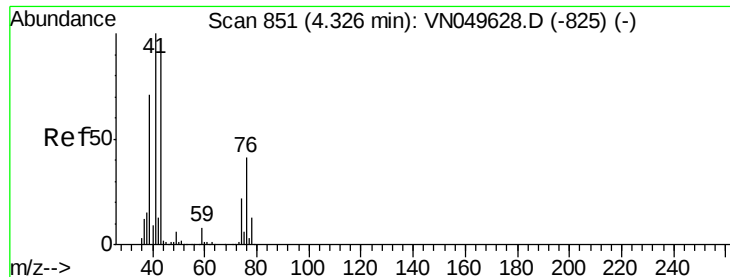
Time-->

3.70

3.80

3.90

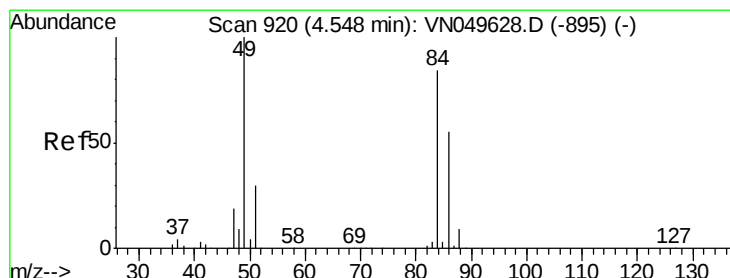
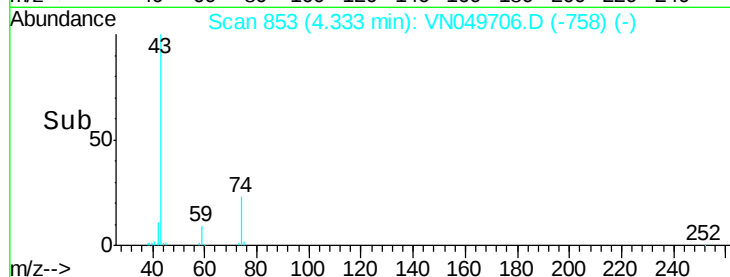
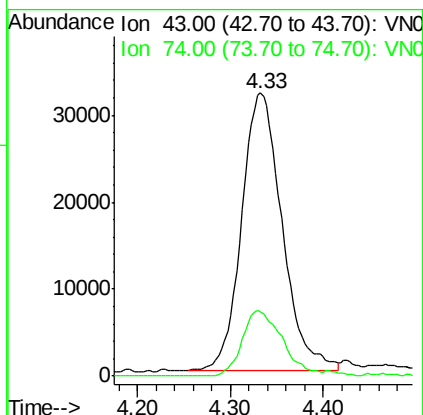
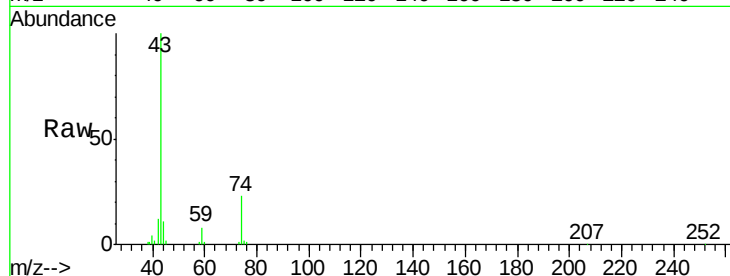




#18
Methyl Acetate
Concen: 1.420 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049706.D
Acq: 3 Jul 2018 20:40

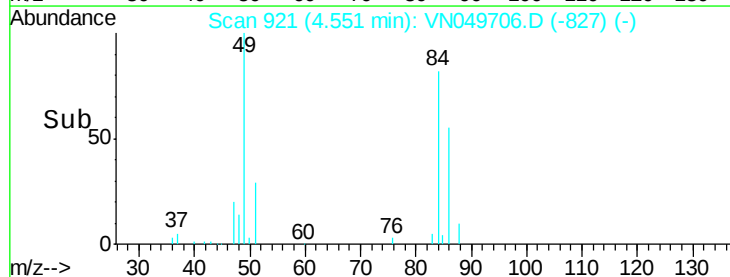
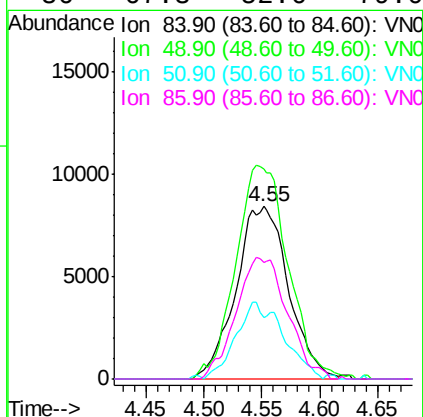
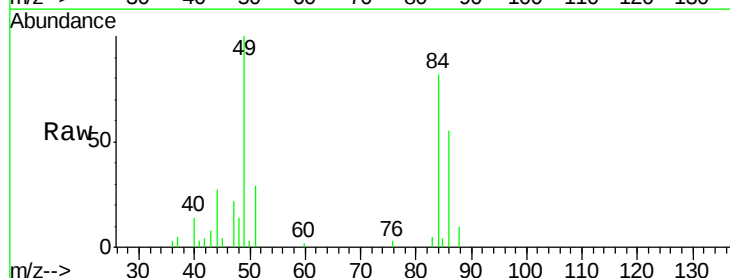
Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#09

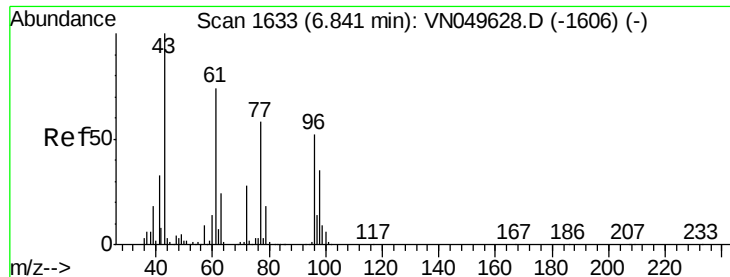
Tot Ion: 43 Resp: 97115
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8



#20
Methylene Chloride
Concen: 1.582 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049706.D
Acq: 3 Jul 2018 20:40

Tgt Ion: 84 Resp: 26607
Ion Ratio Lower Upper
84 100
49 121.5 95.4 143.2
51 35.6 28.4 42.6
86 67.3 52.6 79.0

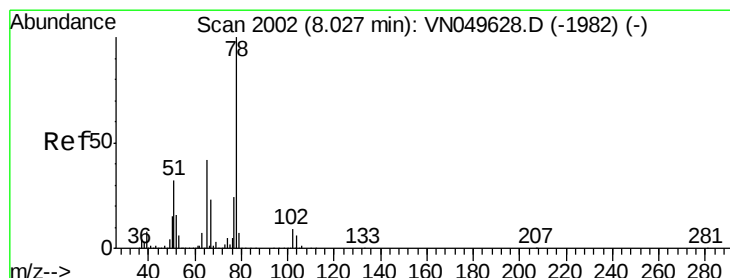
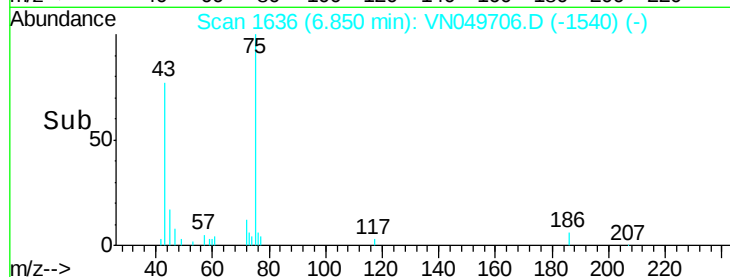
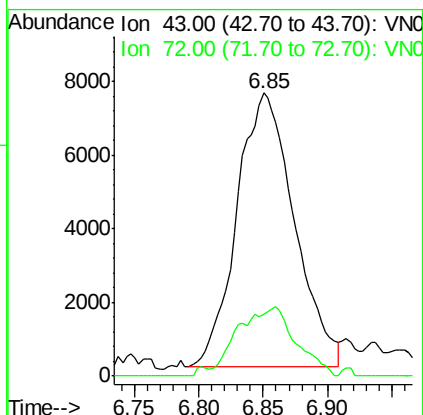
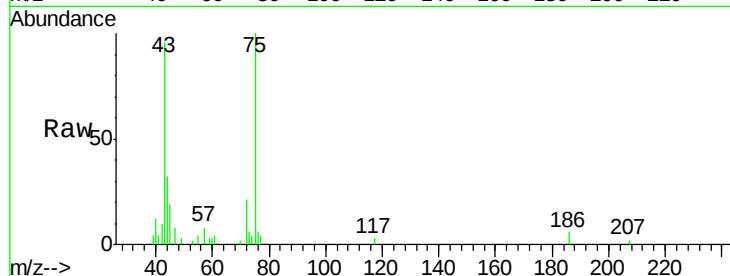




#25
2-Butanone
Concen: 4.222 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049706.D
Acq: 3 Jul 2018 20:40

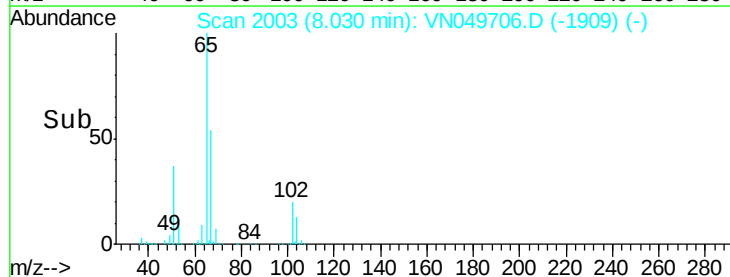
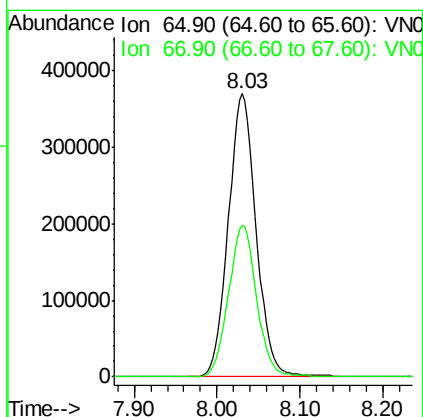
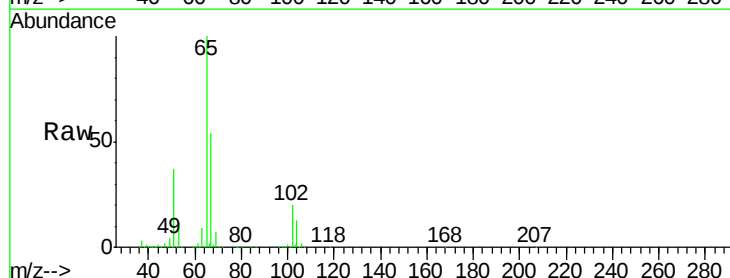
Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#09

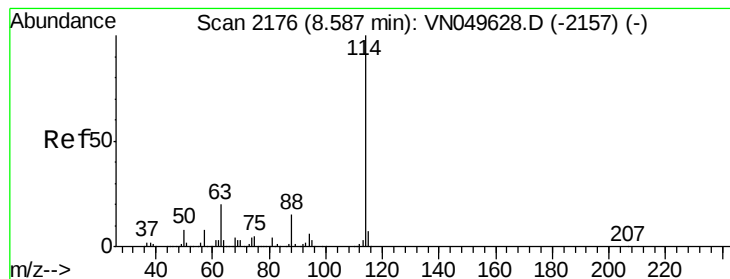
Tot Ion: 43 Resp: 22897
Ion Ratio Lower Upper
43 100
72 22.5 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 52.854 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049706.D
Acq: 3 Jul 2018 20:40

Tgt Ion: 65 Resp: 863335
Ion Ratio Lower Upper
65 100
67 53.9 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: VN049706.D

Acq: 3 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#09

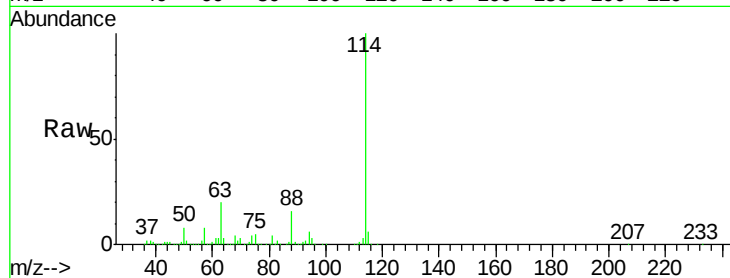
Tot Ion:114 Resp: 2060049

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

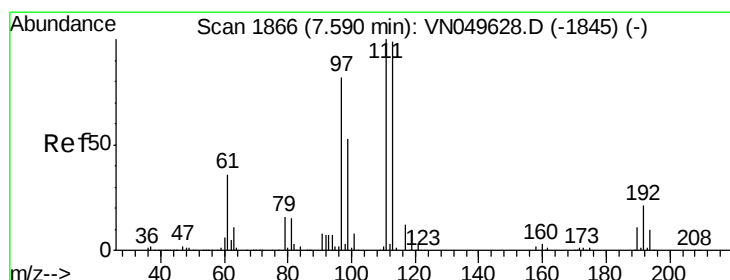
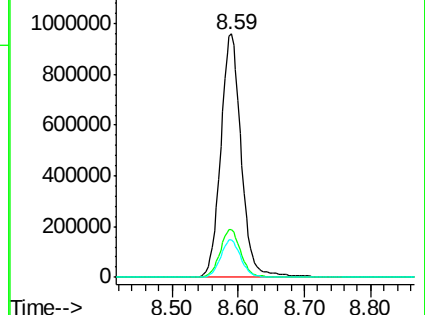
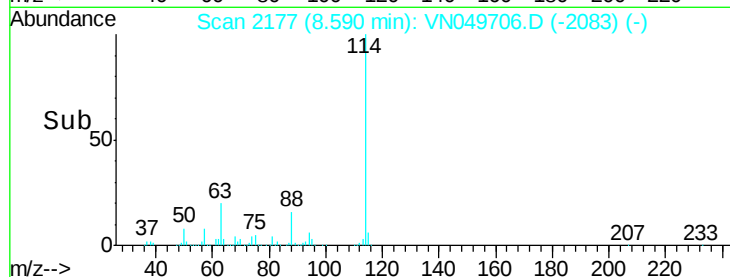
88 15.6 0.0 30.6



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: 47.251 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049706.D

Acq: 3 Jul 2018 20:40

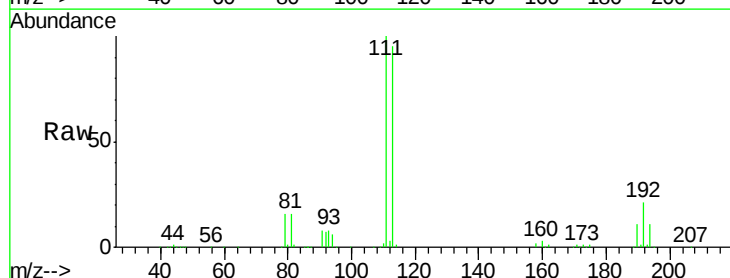
Tgt Ion:113 Resp: 727712

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

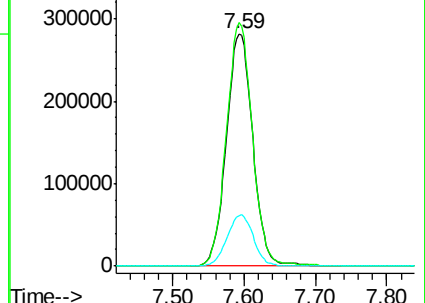
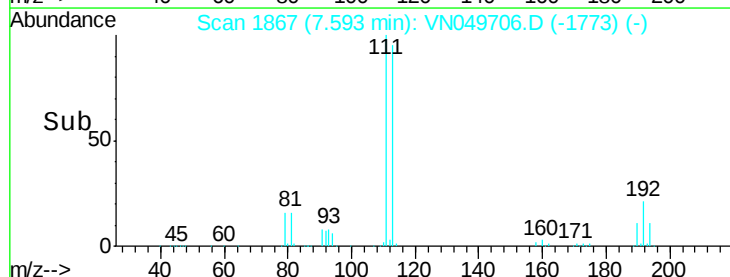
192 22.0 17.8 26.6

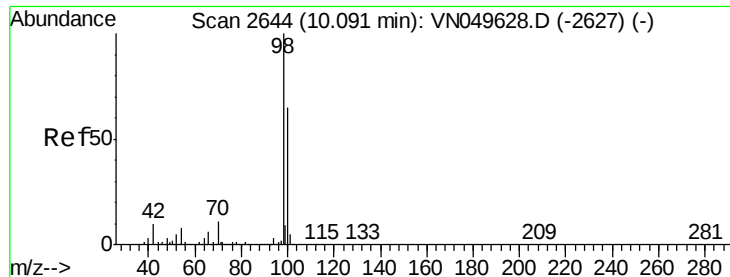


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

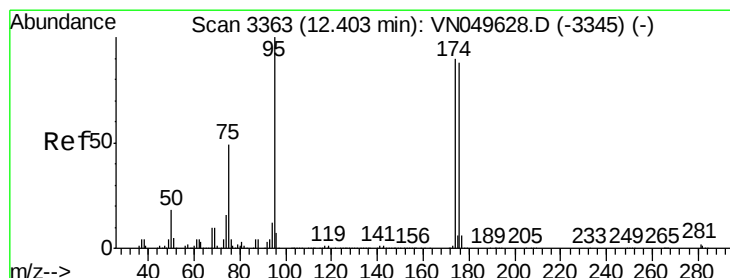
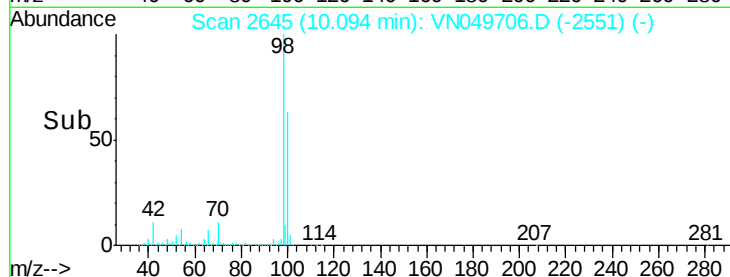
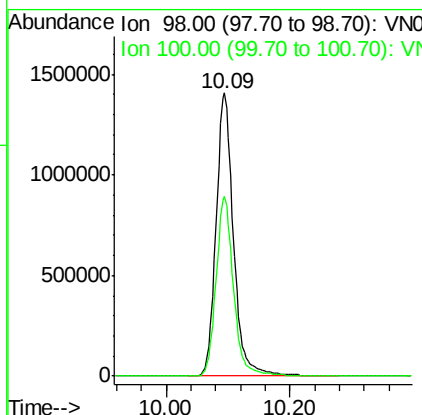
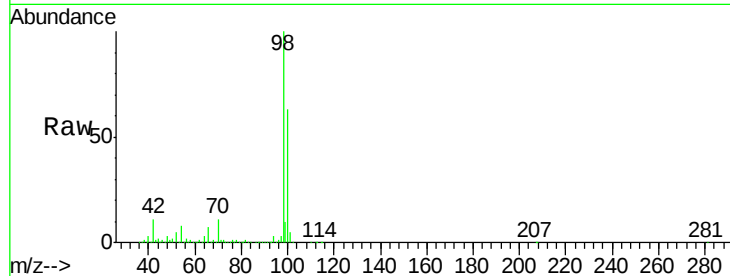




#50
Toluene-d8
Concen: 45.667 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049706.D
Acq: 3 Jul 2018 20:40

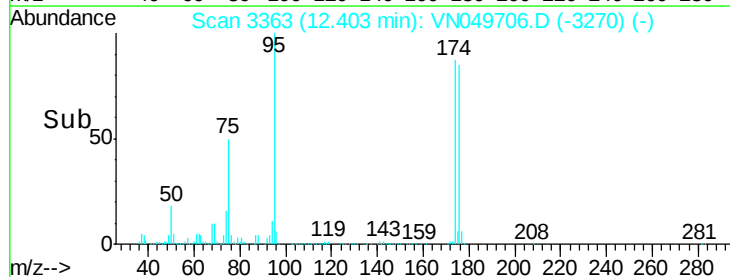
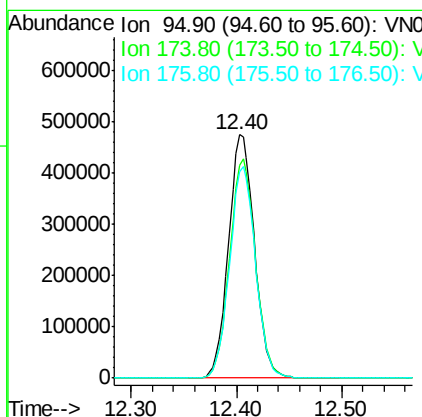
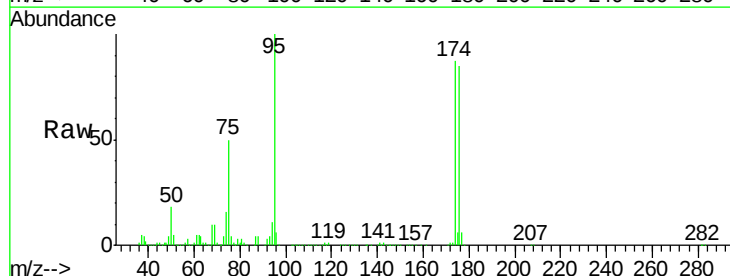
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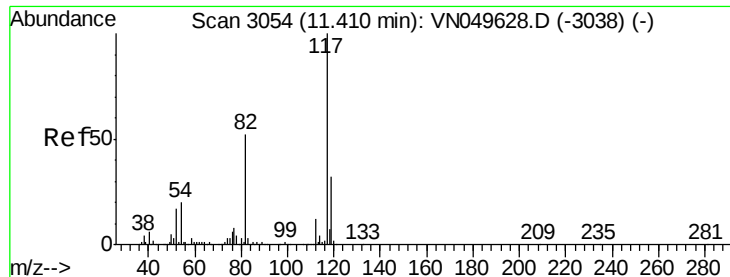
Tot Ion: 98 Resp: 2752955
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 39.192 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049706.D
Acq: 3 Jul 2018 20:40

Tgt Ion: 95 Resp: 806636
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.6
176 86.7 0.0 174.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN049706.D

Acq: 3 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#09

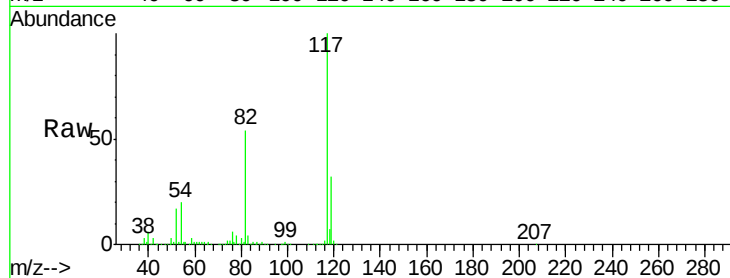
Tot Ion:117 Resp: 1725614

Ion Ratio Lower Upper

117 100

82 54.0 41.9 62.9

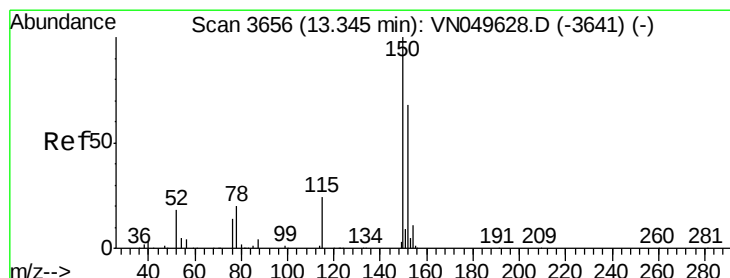
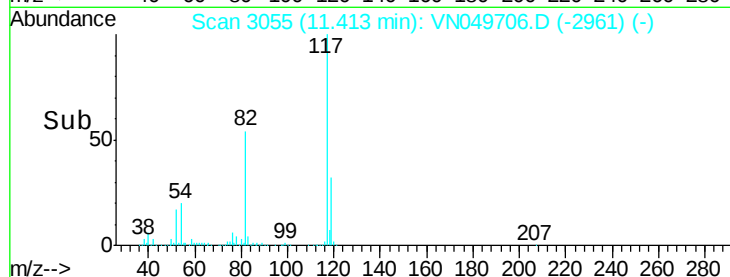
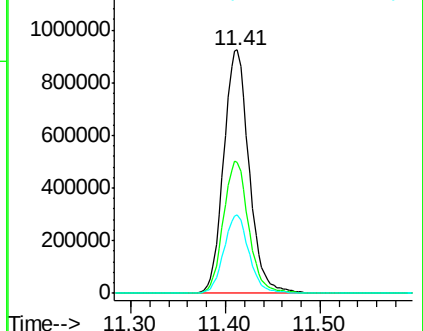
119 32.1 25.4 38.2



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: VN049706.D

Acq: 3 Jul 2018 20:40

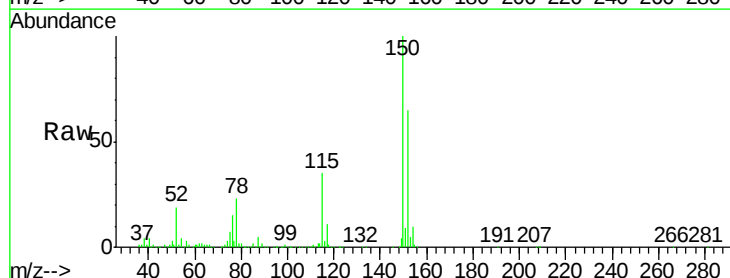
Tgt Ion:152 Resp: 636822

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

150 156.3 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

