

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049681.D
 Acq On : 2 Jul 2018 20:21
 Operator : MD\SY
 Sample : PB110744 ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#08

Quant Time: Jul 03 05:12:29 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	1251440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2072433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1680278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	654649	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	869690	52.62	ug/l	0.00
Spiked Amount						
			Recovery	=	105.24%	
35) Dibromofluoromethane	7.59	113	719333	46.43	ug/l	0.00
Spiked Amount						
			Recovery	=	92.86%	
50) Toluene-d8	10.09	98	2740150	45.18	ug/l	0.00
Spiked Amount						
			Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.41	95	783713	37.85	ug/l	0.00
Spiked Amount						
			Recovery	=	75.70%	

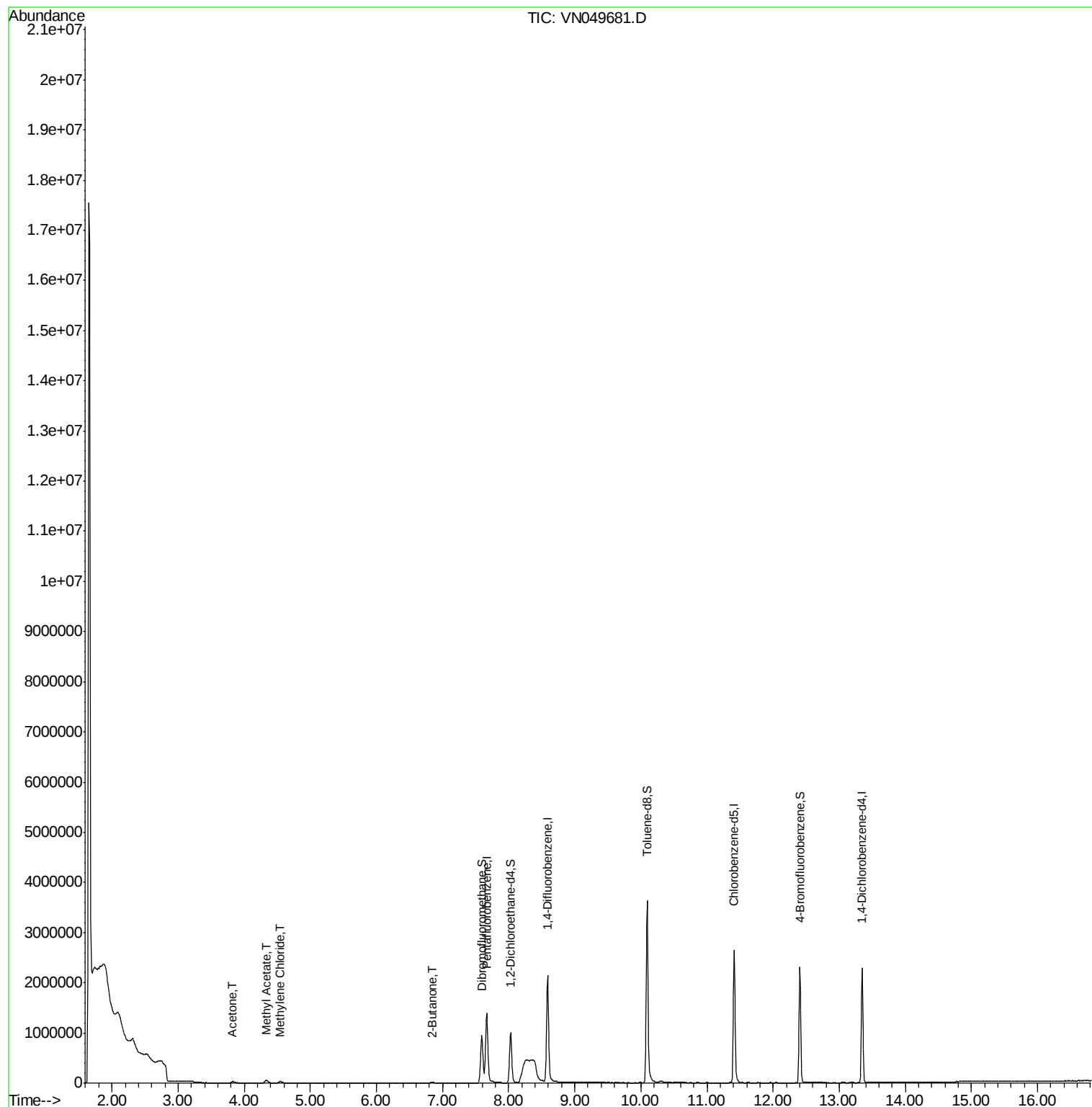
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	49049	7.01	ug/l	96
18) Methyl Acetate	4.33	43	115502	2.74	ug/l	100
20) Methylene Chloride	4.54	84	19452	1.14	ug/l	93
25) 2-Butanone	6.85	43	8286	1.51	ug/l	91

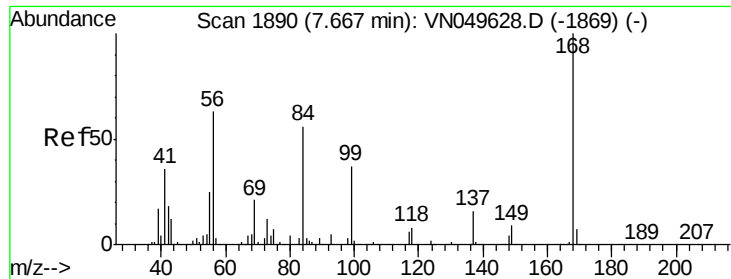
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049681.D

Acq: 2 Jul 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

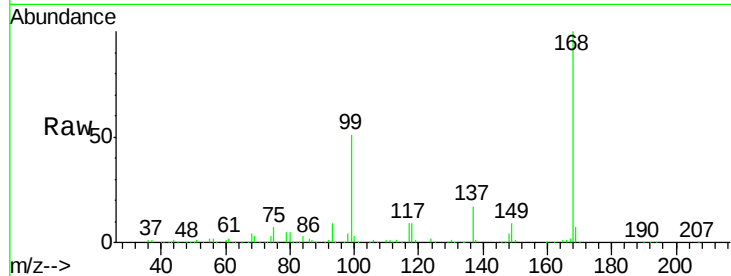
PB110744 ZHE#08

Tot Ion:168 Resp: 1251440

Ion Ratio Lower Upper

168 100

99 51.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

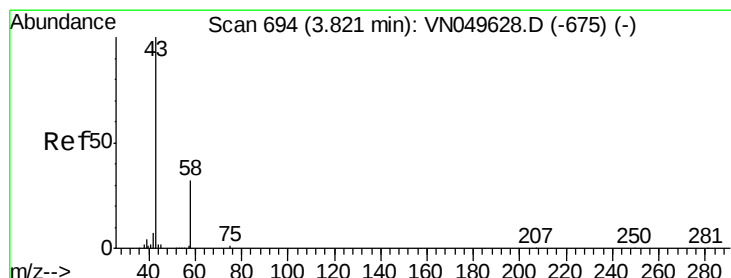
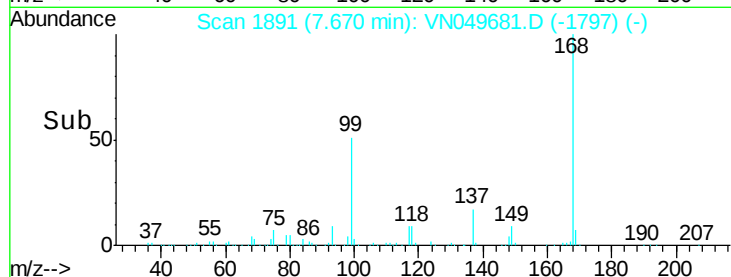
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.01 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049681.D

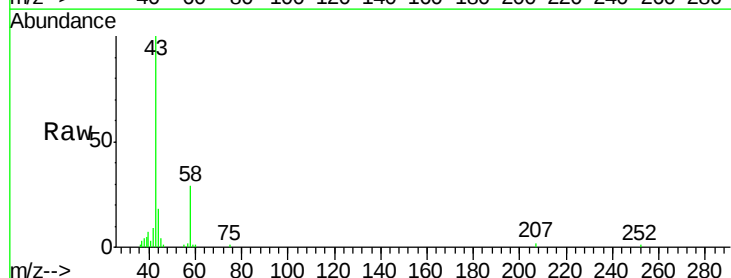
Acq: 2 Jul 2018 20:21

Tgt Ion: 43 Resp: 49049

Ion Ratio Lower Upper

43 100

58 30.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

20000

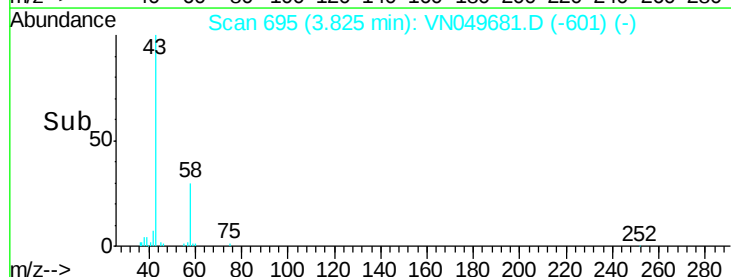
15000

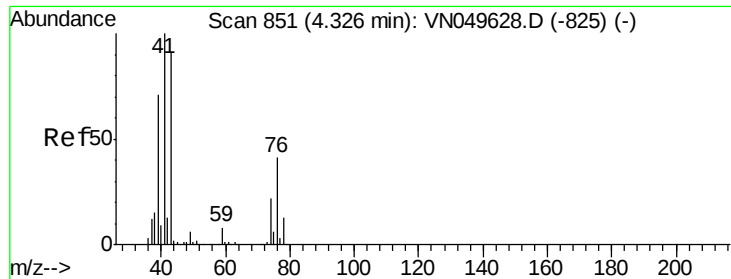
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5000

0

Time-->

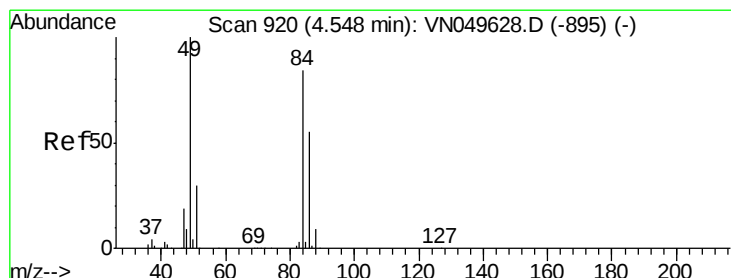
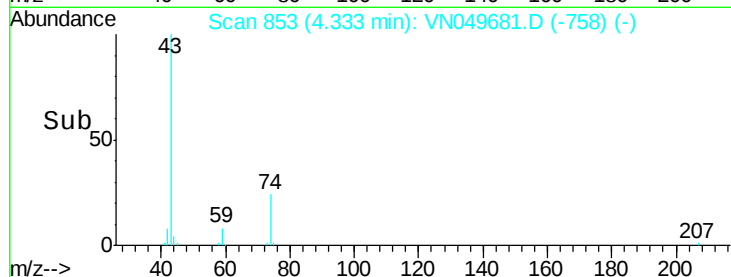
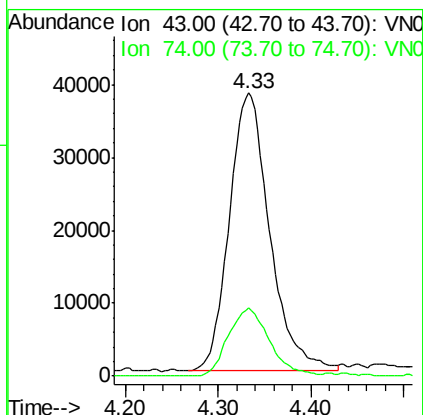
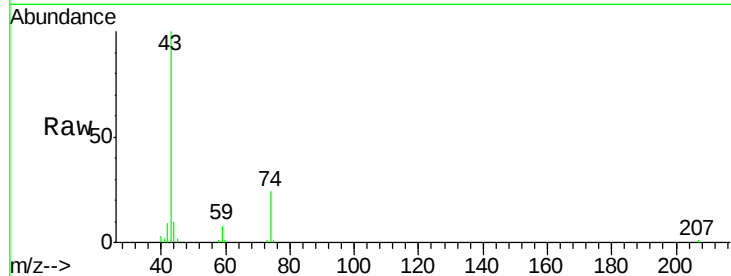




#18
Methyl Acetate
Concen: 2.74 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049681.D
Acq: 2 Jul 2018 20:21

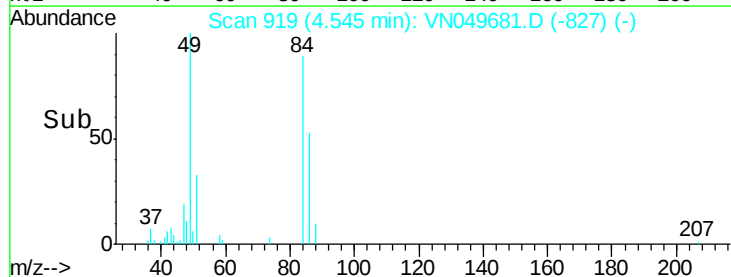
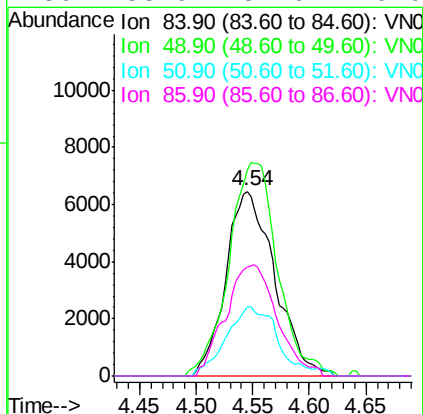
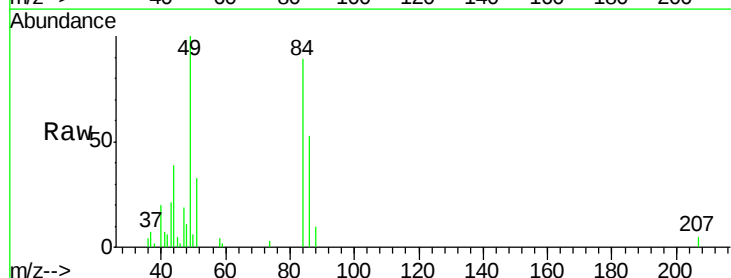
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#08

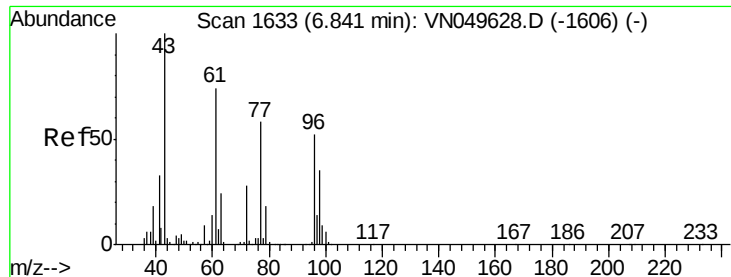
Tot Ion: 43 Resp: 115502
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8



#20
Methylene Chloride
Concen: 1.14 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049681.D
Acq: 2 Jul 2018 20:21

Tgt Ion: 84 Resp: 19452
Ion Ratio Lower Upper
84 100
49 112.0 95.4 143.2
51 37.5 28.4 42.6
86 58.9 52.6 79.0

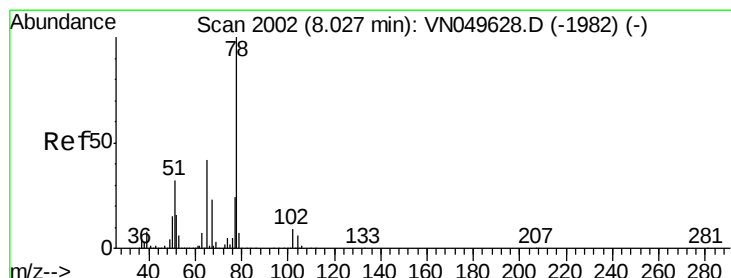
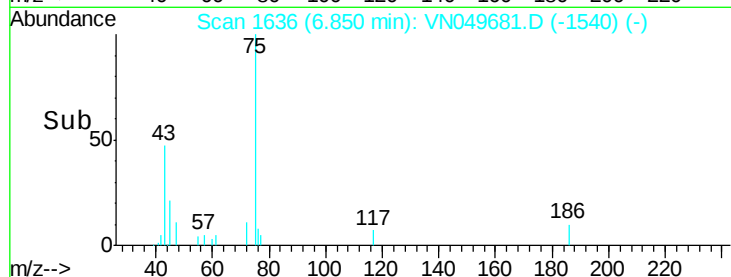
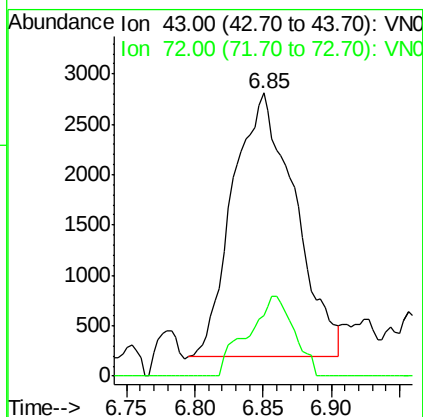
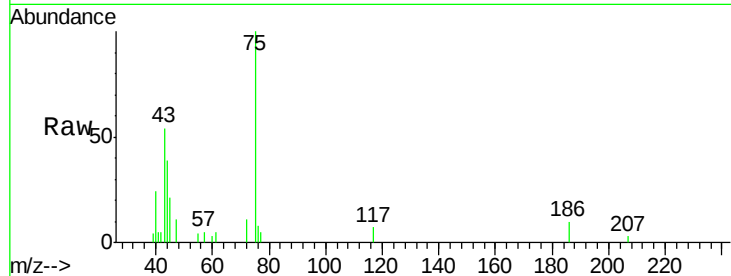




#25
 2-Butanone
 Concen: 1.51 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: VN049681.D
 Acq: 2 Jul 2018 20:21

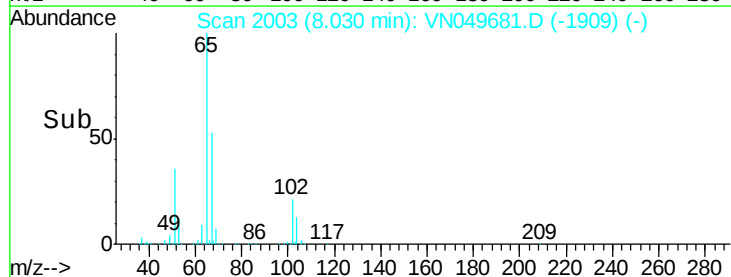
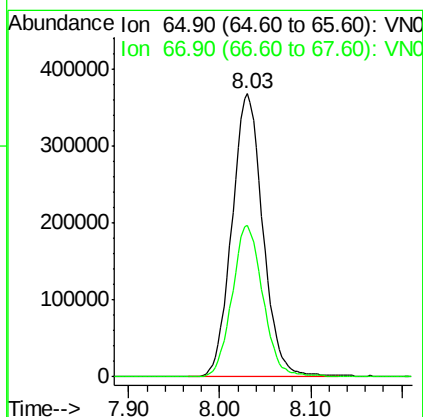
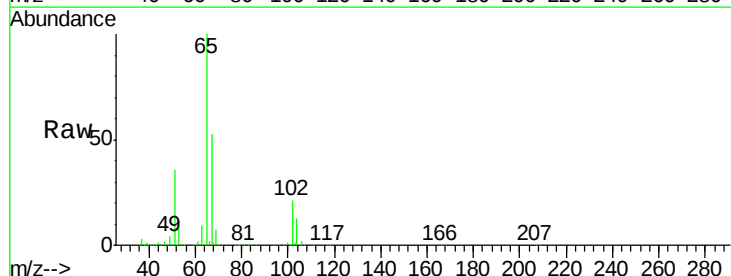
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#08

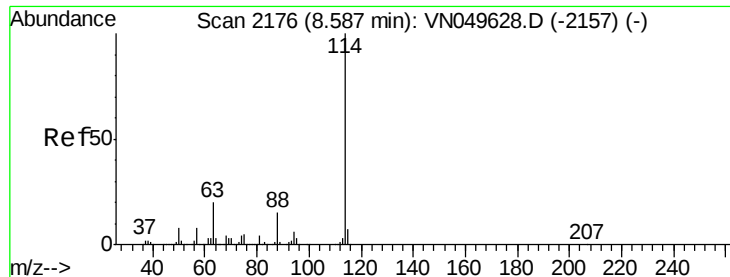
Tot Ion: 43 Resp: 8286
 Ion Ratio Lower Upper
 43 100
 72 23.0 22.1 33.1



#33
 1,2-Dichloroethane-d4
 Concen: 52.62 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049681.D
 Acq: 2 Jul 2018 20:21

Tgt Ion: 65 Resp: 869690
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2

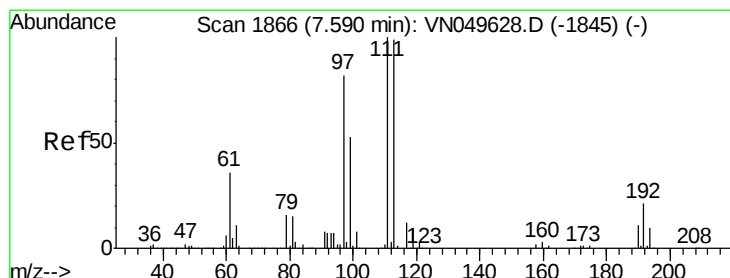
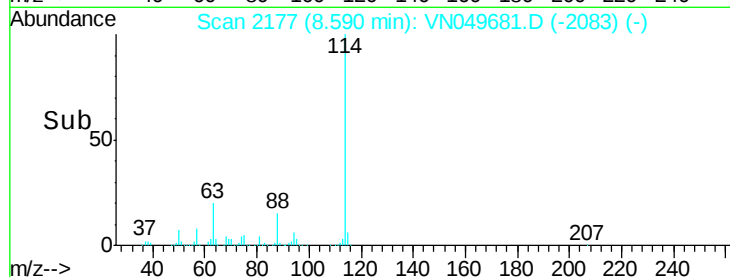
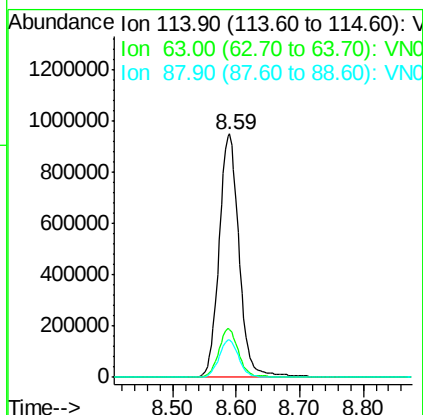
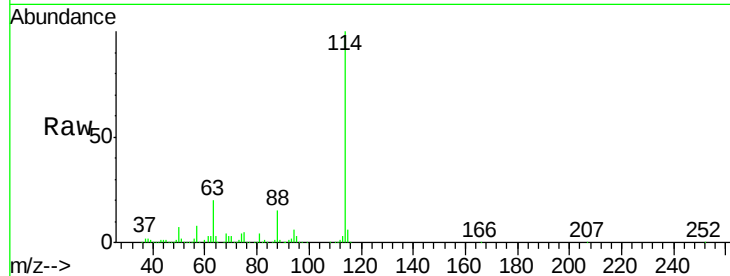




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049681.D
 Acq: 2 Jul 2018 20:21

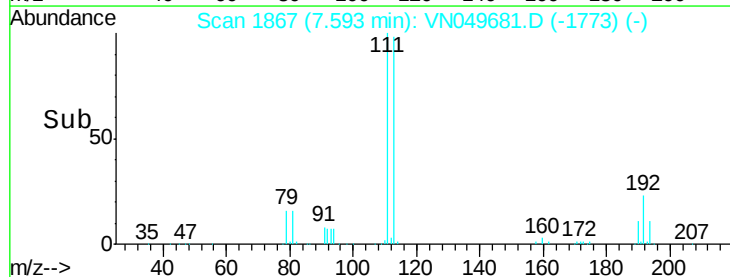
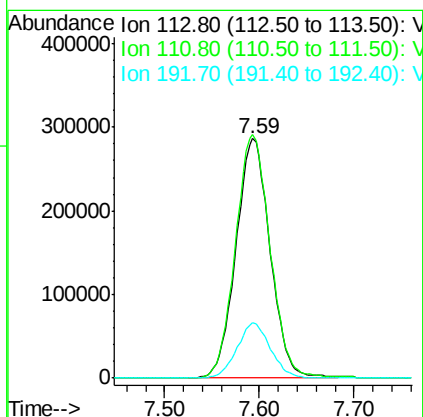
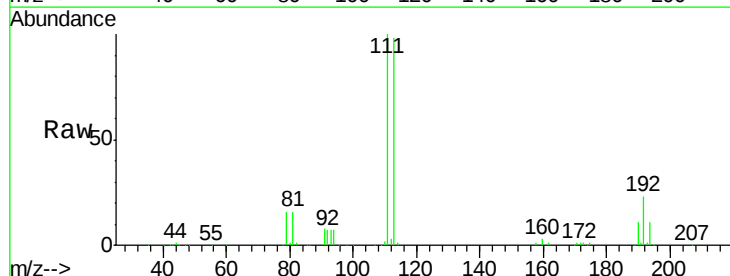
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#08

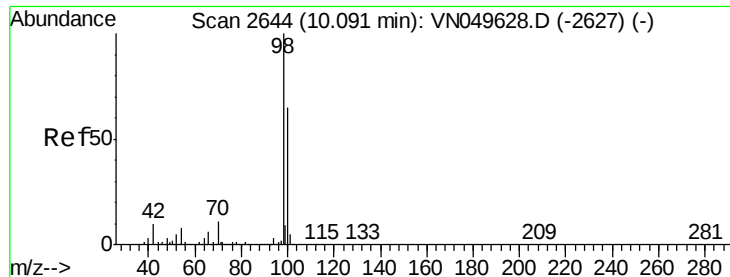
Tot Ion:114 Resp: 2072433
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.3 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 46.43 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049681.D
 Acq: 2 Jul 2018 20:21

Tgt Ion:113 Resp: 719333
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 22.7 17.8 26.6





#50

Toluene-d8

Concen: 45.18 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049681.D

Acq: 2 Jul 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

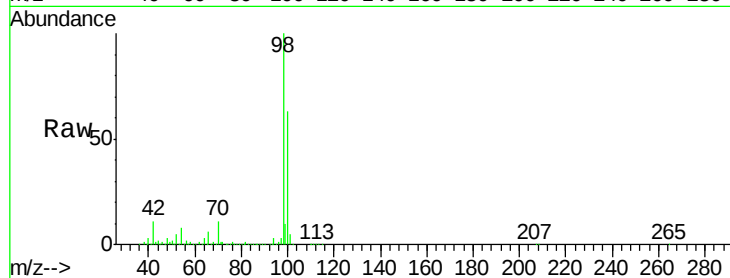
PB110744 ZHE#08

Tot Ion: 98 Resp: 2740150

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049628.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN049628.D (-2627) (-)

10.09

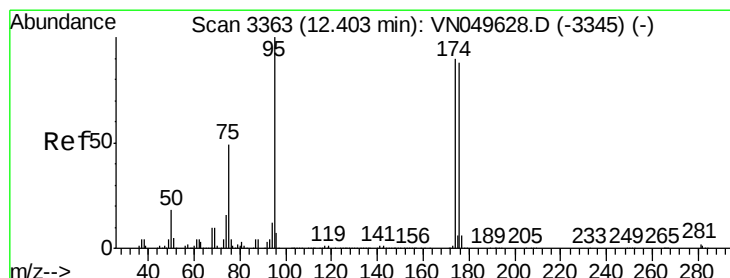
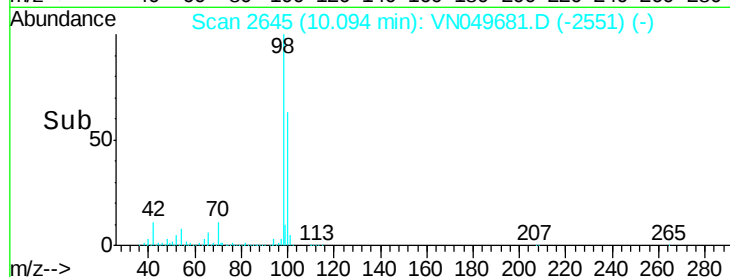
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.85 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049681.D

Acq: 2 Jul 2018 20:21

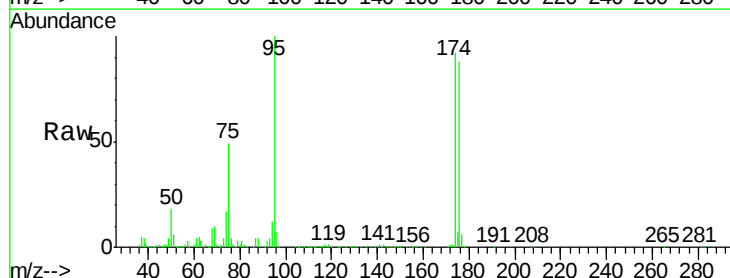
Tgt Ion: 95 Resp: 783713

Ion Ratio Lower Upper

95 100

174 91.6 0.0 179.6

176 87.3 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) (-)

12.41

600000

500000

400000

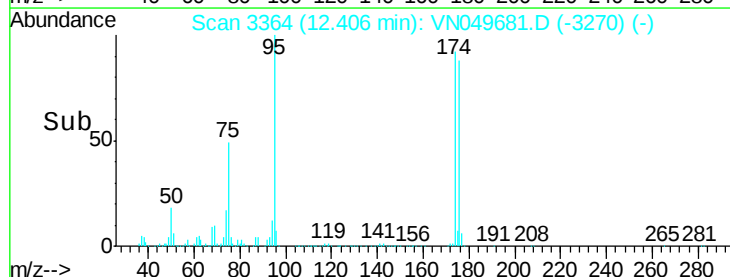
300000

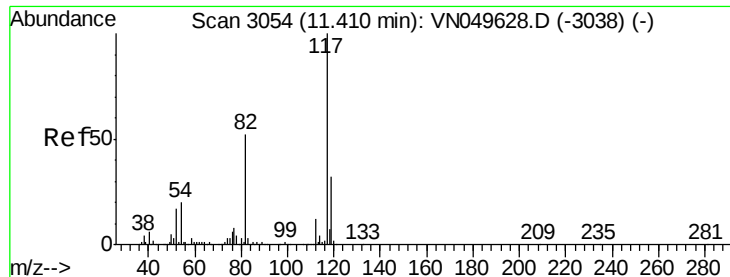
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN049681.D

Acq: 2 Jul 2018 20:21

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#08

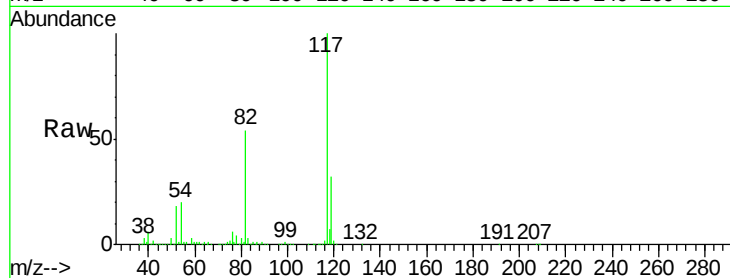
Tot Ion:117 Resp: 1680278

Ion Ratio Lower Upper

117 100

82 53.6 41.9 62.9

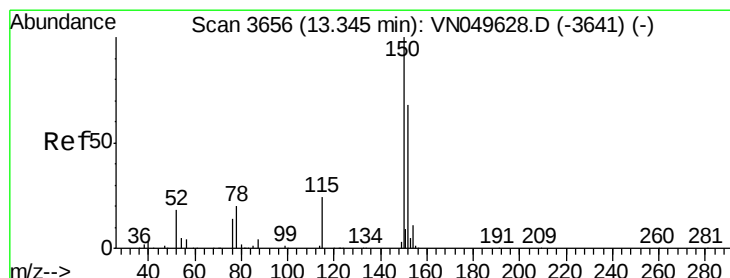
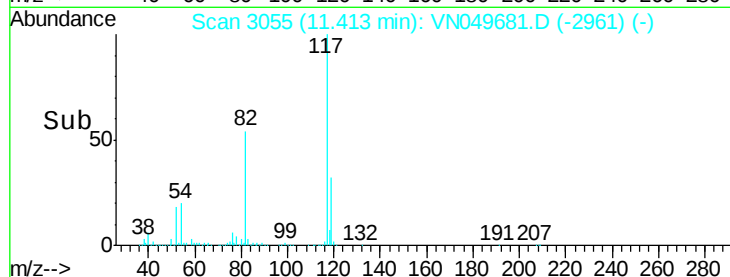
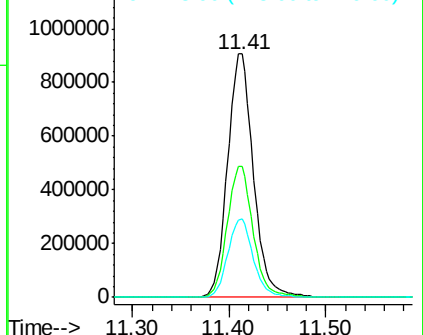
119 32.2 25.4 38.2



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: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049681.D

Acq: 2 Jul 2018 20:21

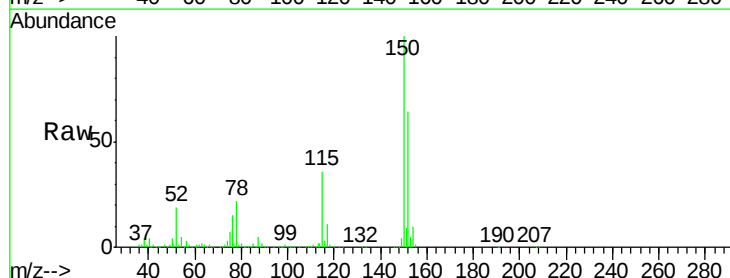
Tgt Ion:152 Resp: 654649

Ion Ratio Lower Upper

152 100

115 55.8 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

