

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049674.D
 Acq On : 2 Jul 2018 17:19
 Operator : MD\SY
 Sample : PB110744 ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#01

Quant Time: Jul 03 04:51:29 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	1364130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2157564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1794755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	705698	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	915508	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
35) Dibromofluoromethane	7.59	113	751184	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
50) Toluene-d8	10.09	98	2899674	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.40	95	863896	40.08	ug/l	0.00
Spiked Amount			Recovery	=	80.16%	

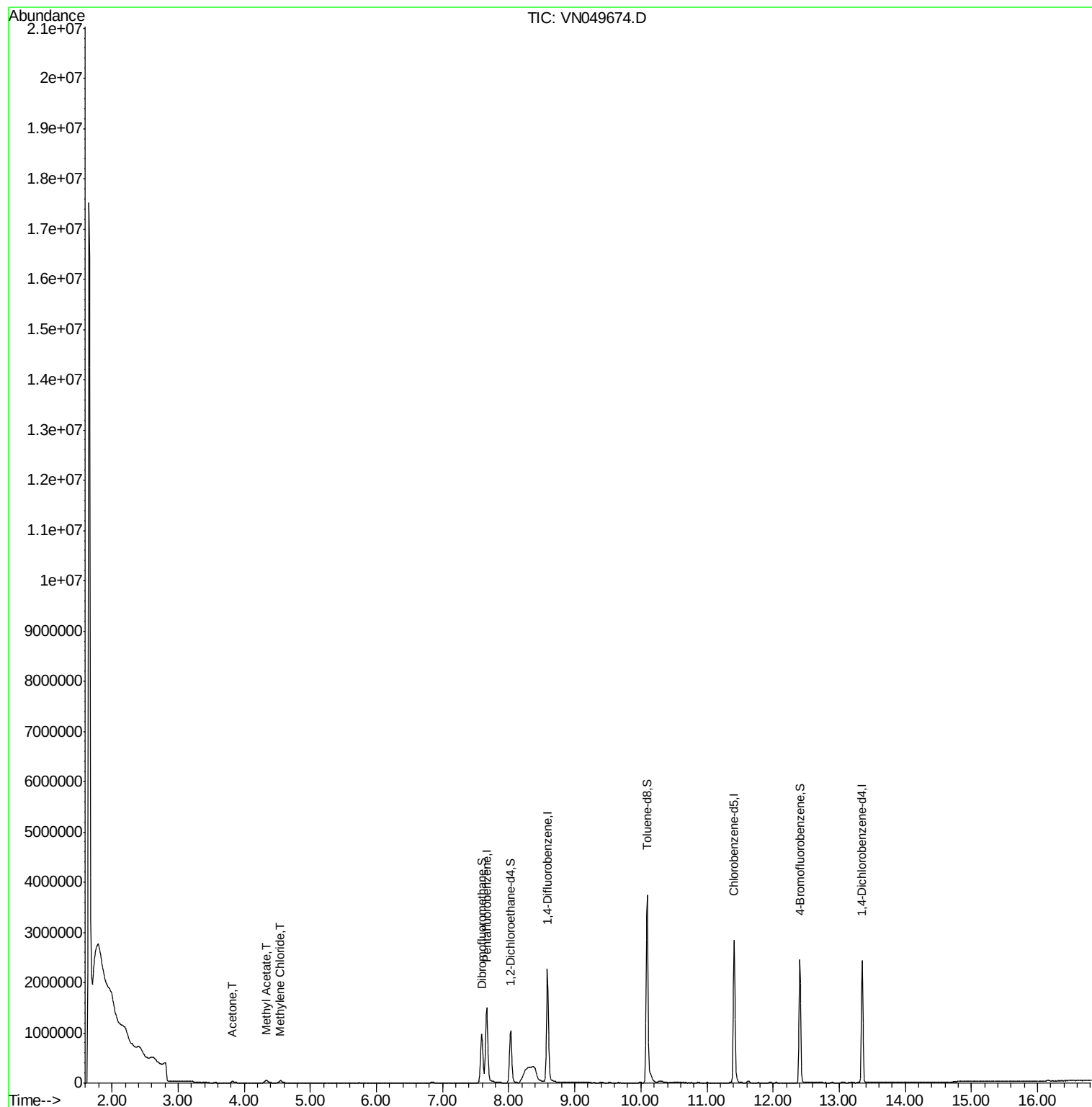
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	54680	7.36	ug/l	95
18) Methyl Acetate	4.33	43	118631	2.23	ug/l	95
20) Methylene Chloride	4.55	84	33714	1.82	ug/l	97

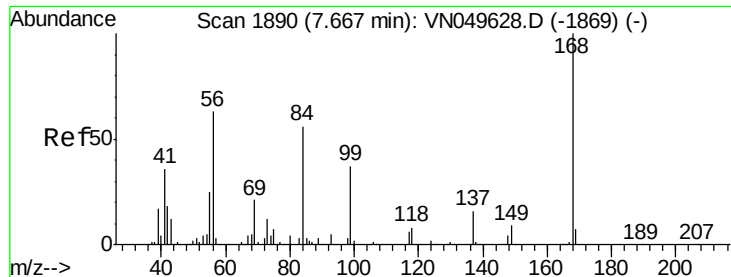
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 03 04:51:29 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: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049674.D

Acq: 2 Jul 2018 17:19

Instrument :

MSVOA_N

ClientSampleId :

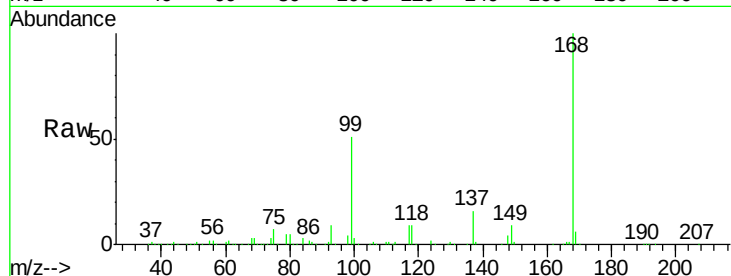
PB110744 ZHE#01

Tot Ion:168 Resp: 1364130

Ion Ratio Lower Upper

168 100

99 51.3 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

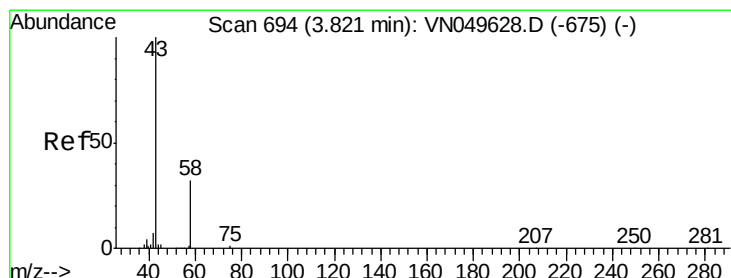
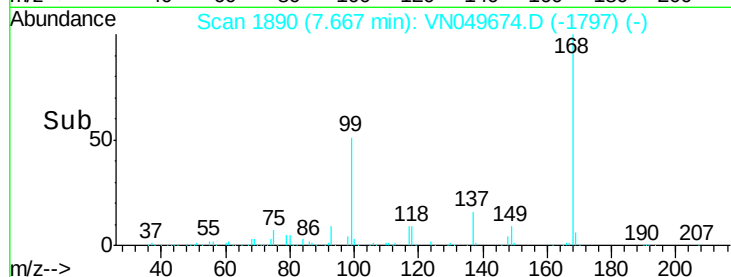
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.36 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049674.D

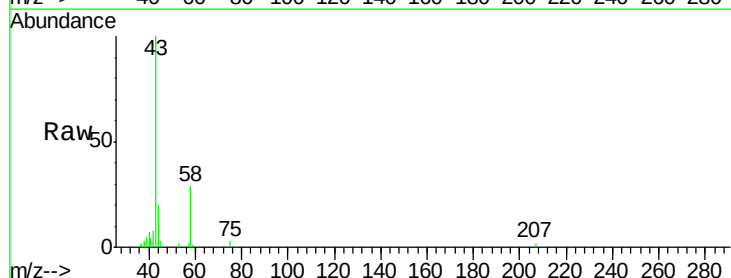
Acq: 2 Jul 2018 17:19

Tgt Ion: 43 Resp: 54680

Ion Ratio Lower Upper

43 100

58 29.6 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

20000

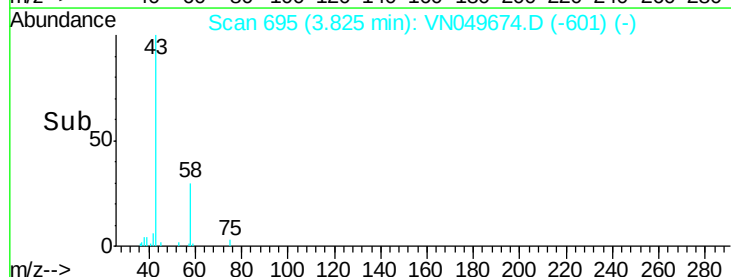
15000

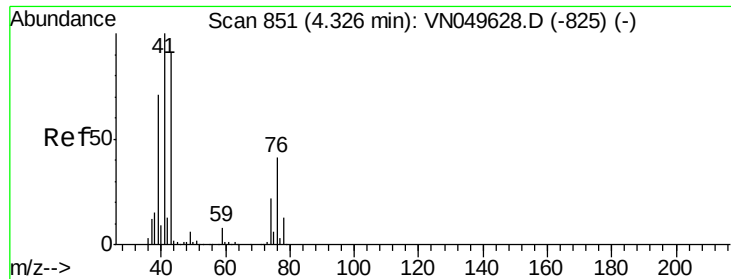
10000

5000

0

Time-->

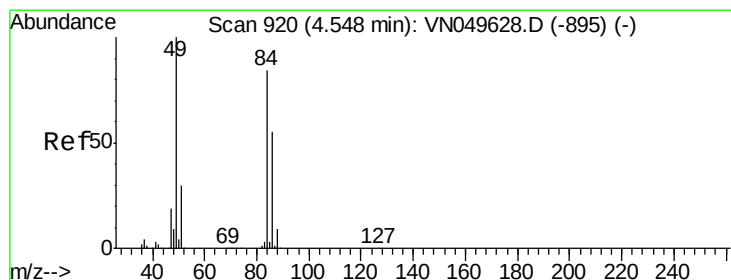
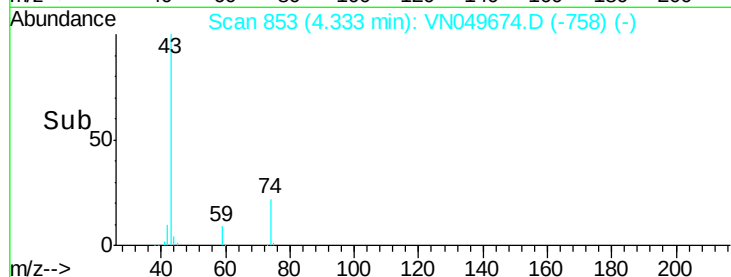
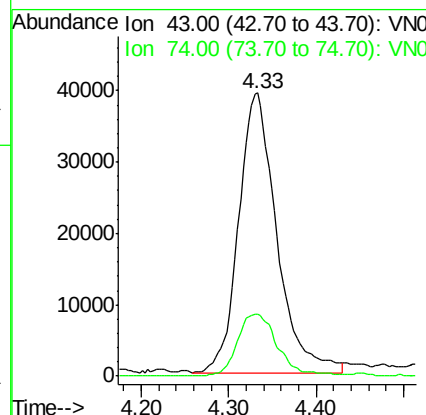
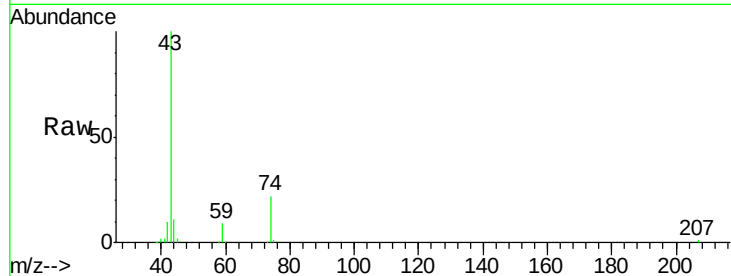




#18
Methvl Acetate
Concen: 2.23 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049674.D
Acq: 2 Jul 2018 17:19

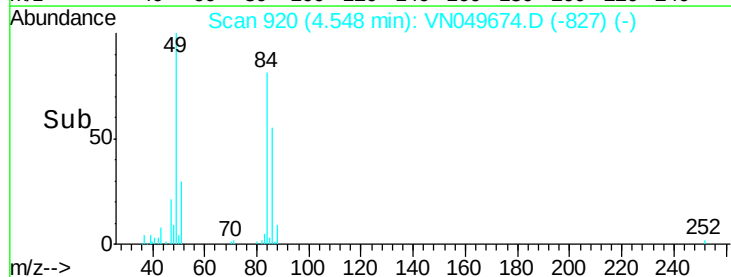
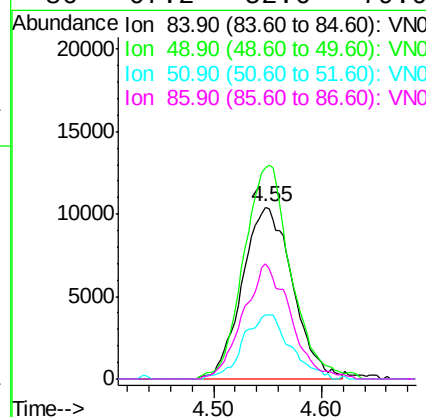
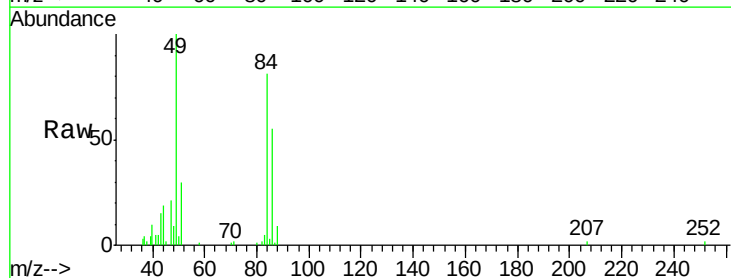
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#01

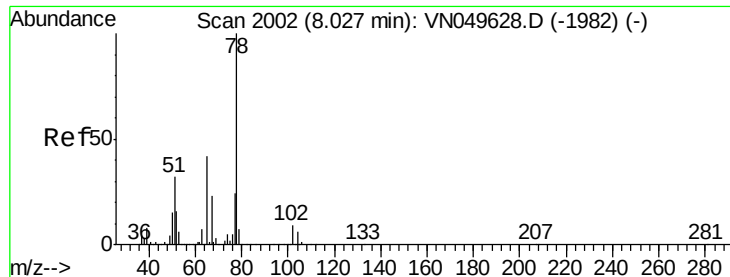
Tot Ion: 43 Resp: 118631
Ion Ratio Lower Upper
43 100
74 22.5 19.8 29.8



#20
Methylene Chloride
Concen: 1.82 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049674.D
Acq: 2 Jul 2018 17:19

Tgt Ion: 84 Resp: 33714
Ion Ratio Lower Upper
84 100
49 123.3 95.4 143.2
51 37.1 28.4 42.6
86 67.2 52.6 79.0

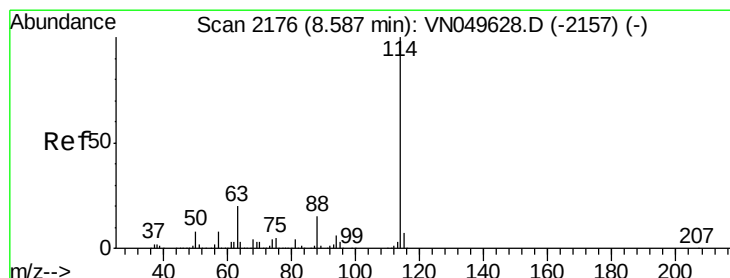
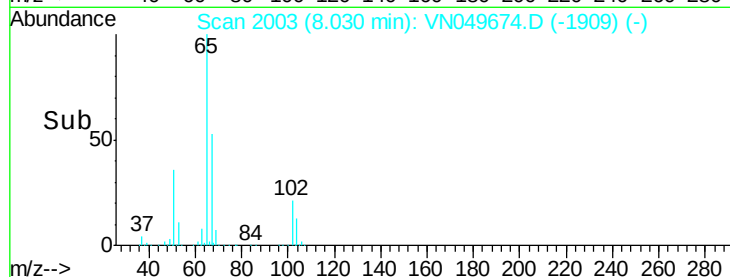
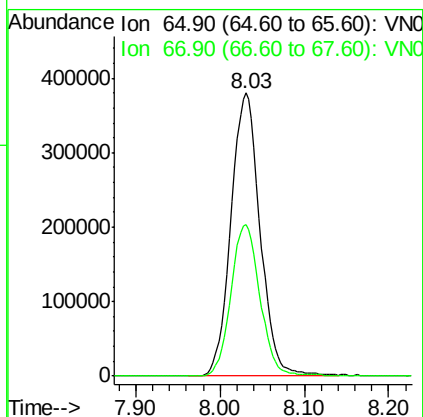
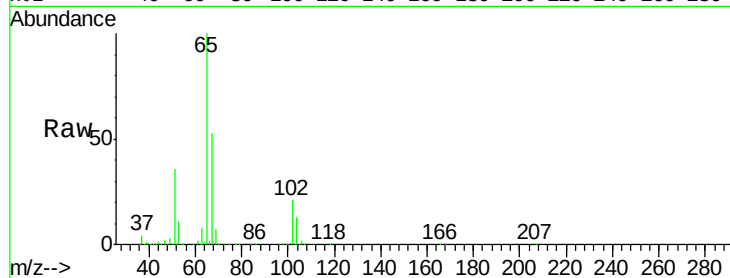




#33
 1,2-Dichloroethane-d4
 Concen: 50.82 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049674.D
 Acq: 2 Jul 2018 17:19

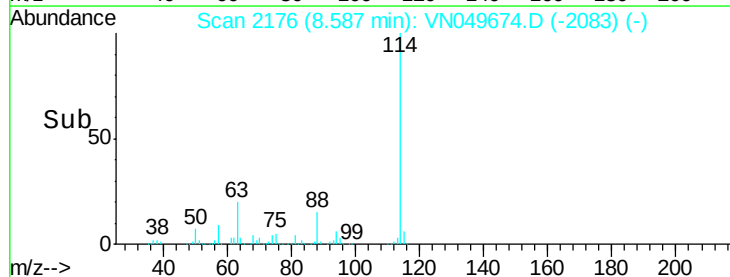
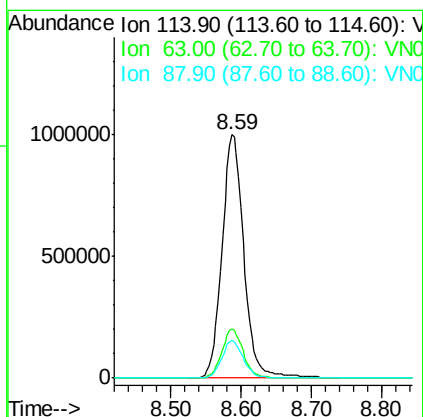
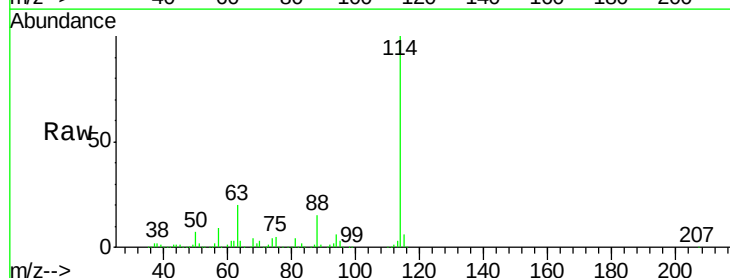
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#01

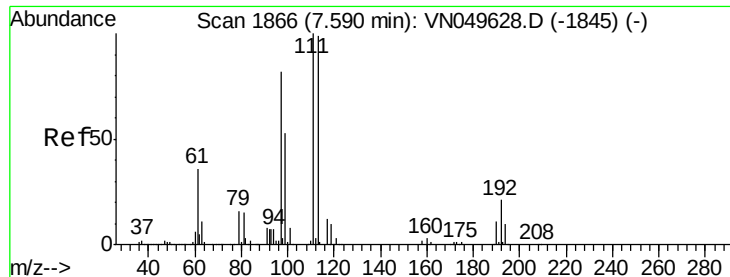
Tot Ion: 65 Resp: 915508
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049674.D
 Acq: 2 Jul 2018 17:19

Tgt Ion: 114 Resp: 2157564
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.57 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049674.D

Acq: 2 Jul 2018 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#01

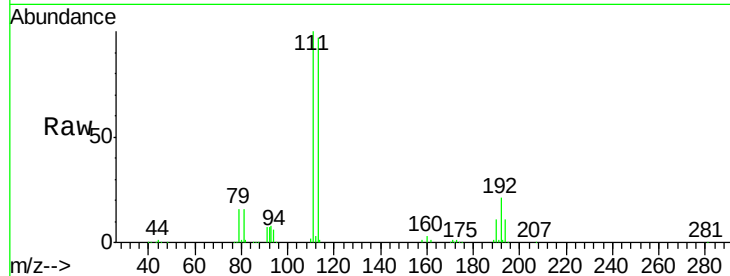
Tot Ion:113 Resp: 751184

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

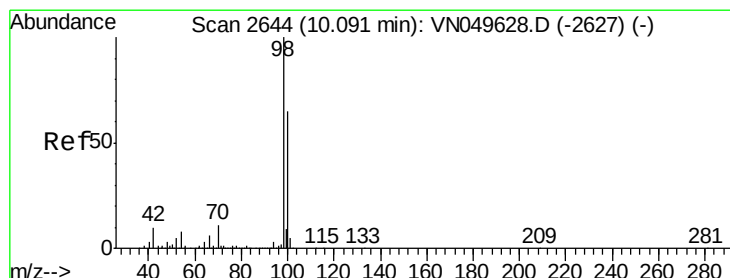
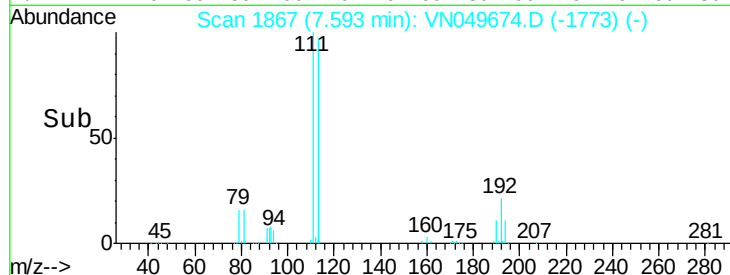
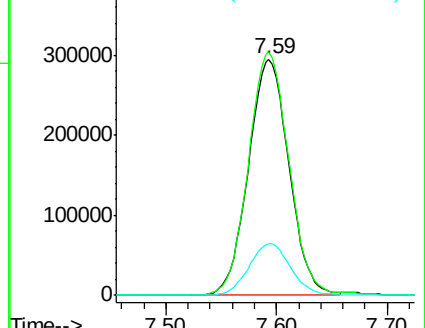
192 22.4 17.8 26.6



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: 45.93 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049674.D

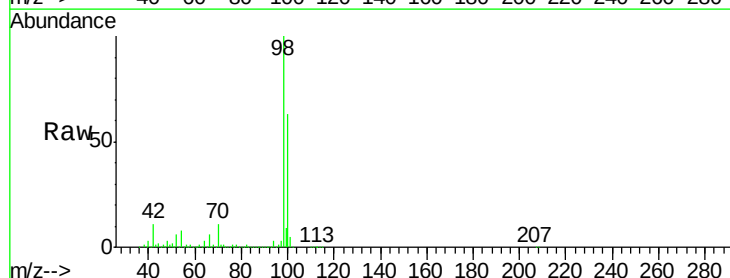
Acq: 2 Jul 2018 17:19

Tgt Ion: 98 Resp: 2899674

Ion Ratio Lower Upper

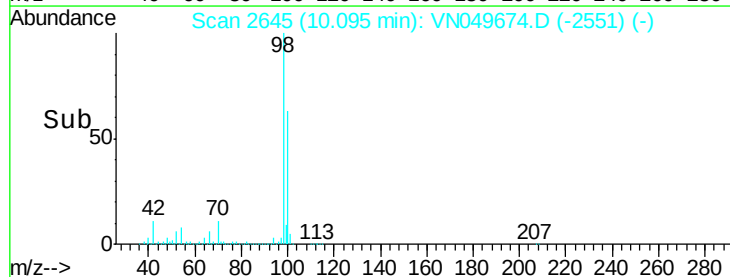
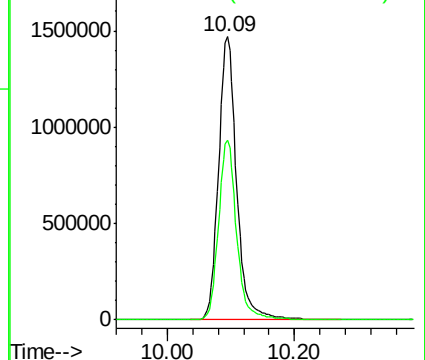
98 100

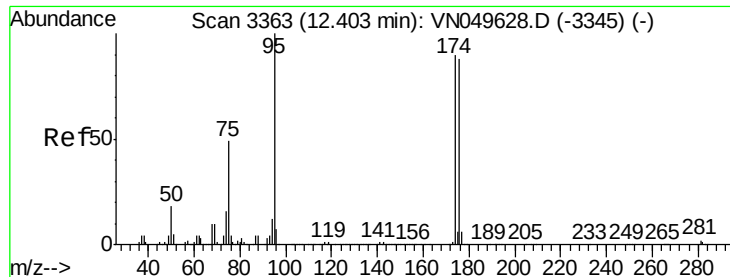
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 40.08 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049674.D

Acq: 2 Jul 2018 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#01

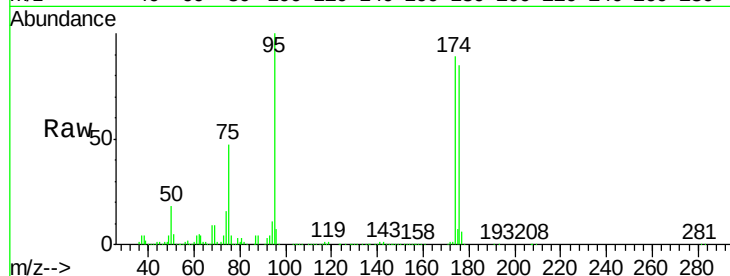
Tot Ion: 95 Resp: 863896

Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.6

176 87.2 0.0 174.0

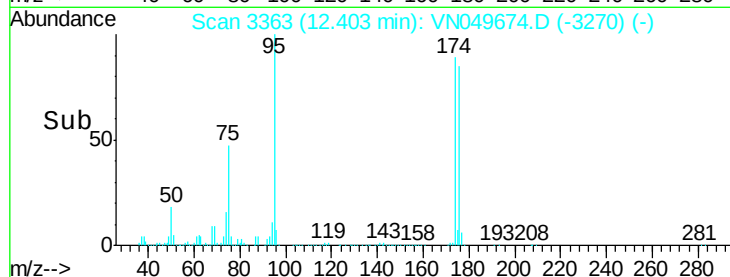


Abundance Ion 94.90 (94.60 to 95.60): VN049674.D (-3270) (-)

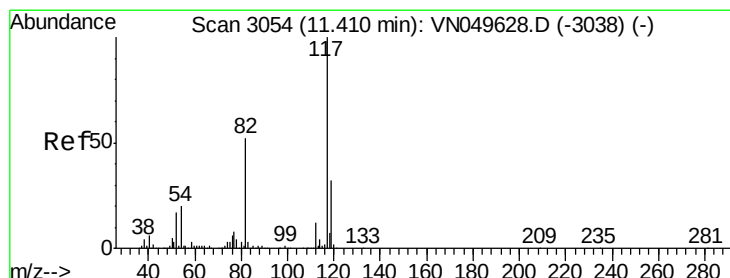
Ion 173.80 (173.50 to 174.50): VN049674.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049674.D (-3270) (-)

Time--> 12.30 12.40 12.50



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049674.D

Acq: 2 Jul 2018 17:19

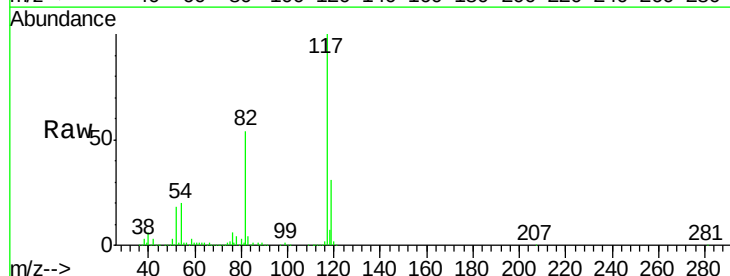
Tgt Ion: 117 Resp: 1794755

Ion Ratio Lower Upper

117 100

82 54.3 41.9 62.9

119 31.3 25.4 38.2

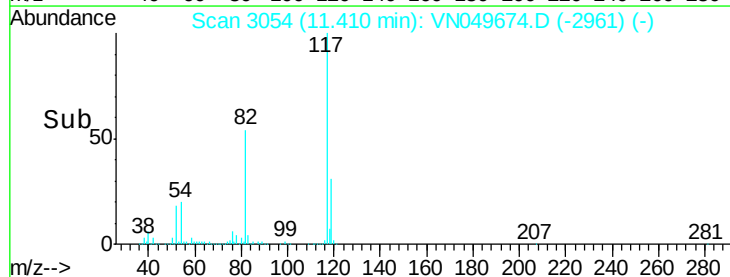


Abundance Ion 116.90 (116.60 to 117.60): VN049674.D (-2961) (-)

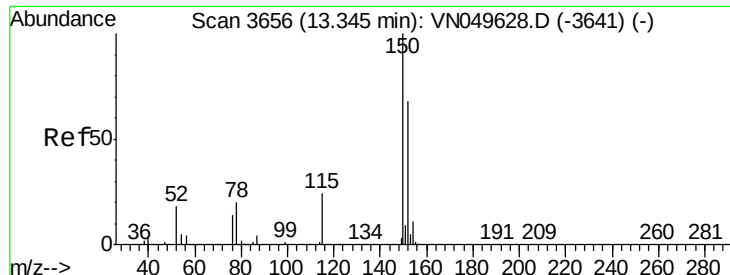
Ion 82.00 (81.70 to 82.70): VN049674.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049674.D (-2961) (-)

Time--> 11.30 11.40 11.50



Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049674.D

Acq: 2 Jul 2018 17:19

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PB110744 ZHE#01

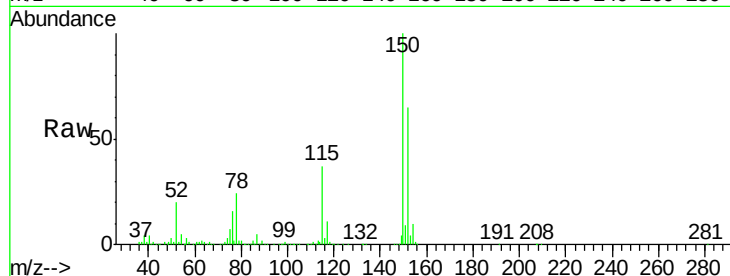
Tot Ion:152 Resp: 705698

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

150 154.6 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

