

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049675.D
 Acq On : 2 Jul 2018 17:45
 Operator : MD\SY
 Sample : PB110744 ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#02

Quant Time: Jul 03 04:53:55 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	1398124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2259933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1887845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	759662	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	946442	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	7.59	113	788281	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	10.09	98	3026839	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.40	95	905433	40.10	ug/l	0.00
Spiked Amount			Recovery	=	80.20%	

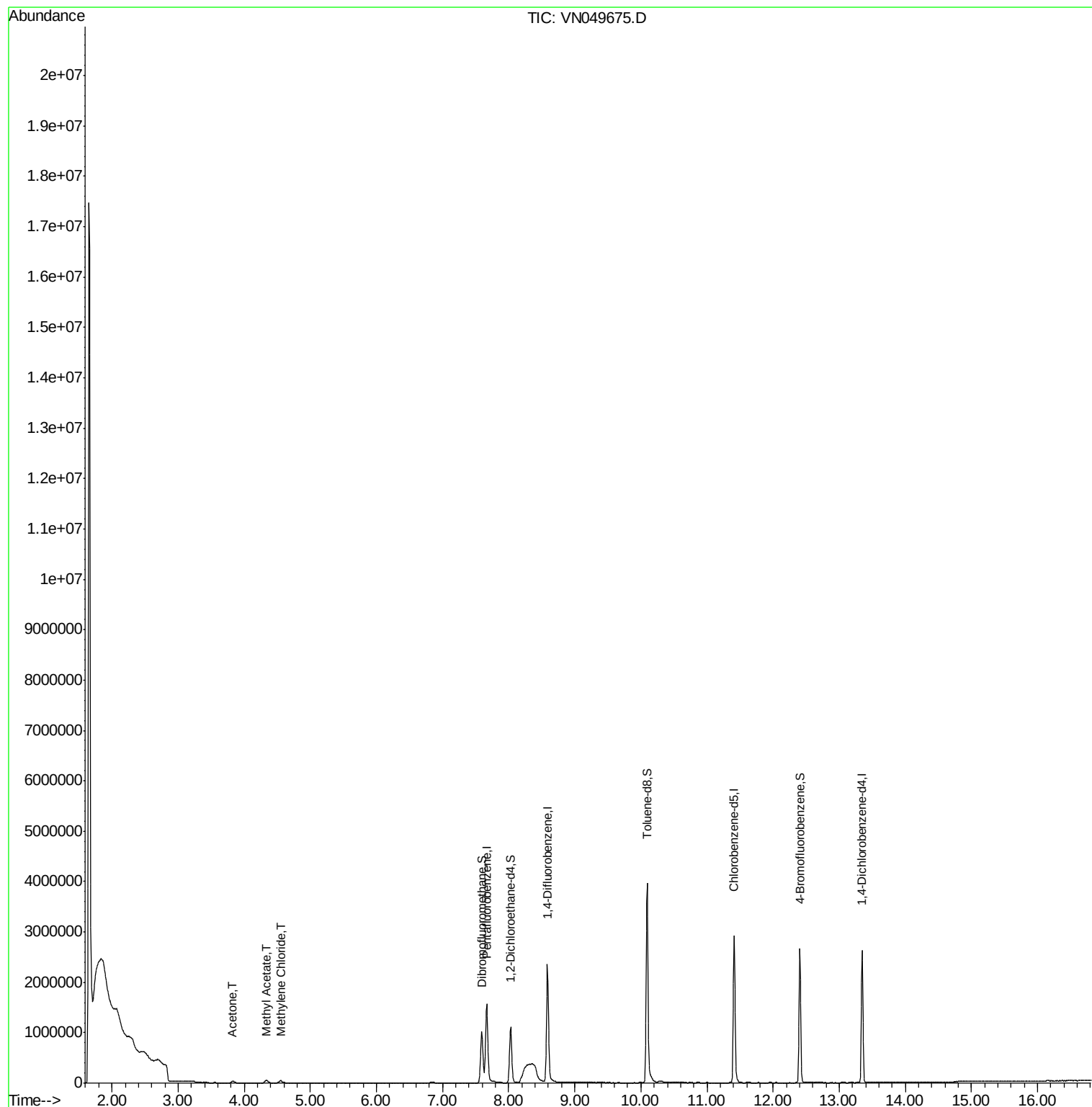
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	54226	6.85	ug/l	95
18) Methyl Acetate	4.33	43	106547	1.20	ug/l	100
20) Methylene Chloride	4.55	84	32321	1.70	ug/l	96

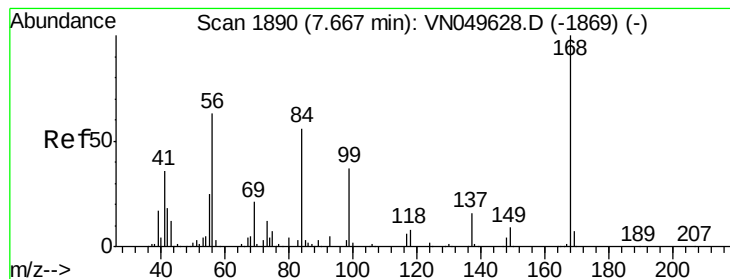
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

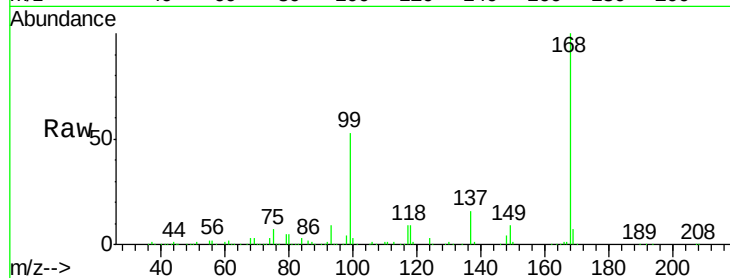
PB110744 ZHE#02

Tot Ion:168 Resp: 1398124

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): VN0

7.67

600000

500000

400000

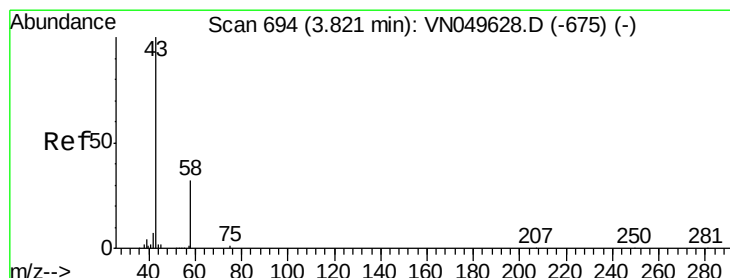
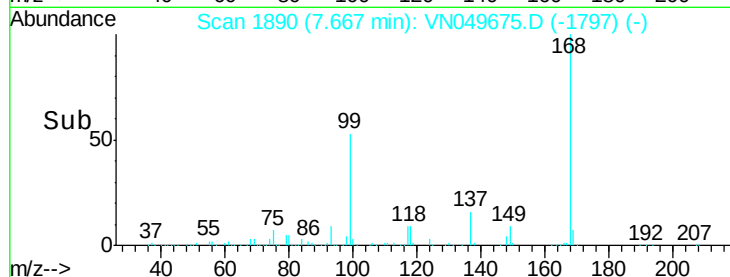
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.85 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049675.D

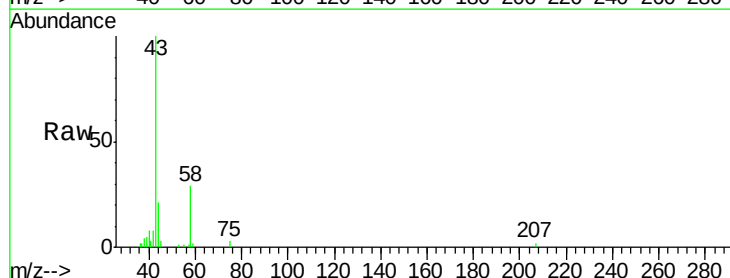
Acq: 2 Jul 2018 17:45

Tgt Ion: 43 Resp: 54226

Ion Ratio Lower Upper

43 100

58 29.8 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

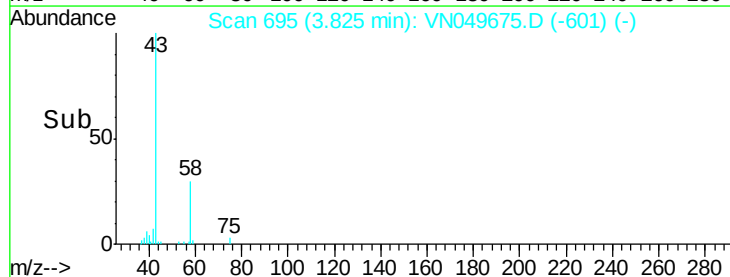
15000

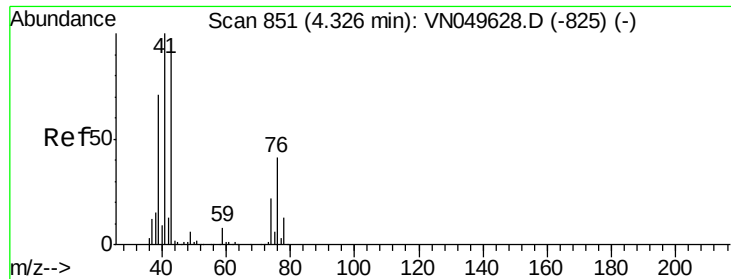
10000

5000

0

Time-->





#18

Methvl Acetate

Concen: 1.20 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

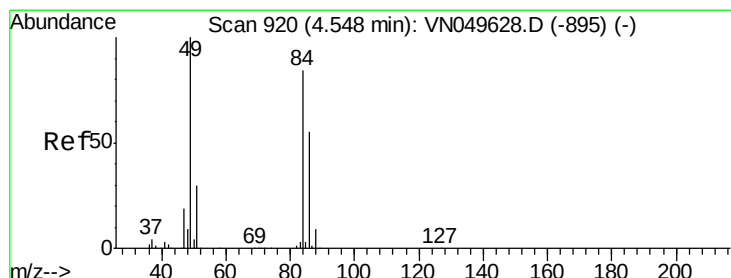
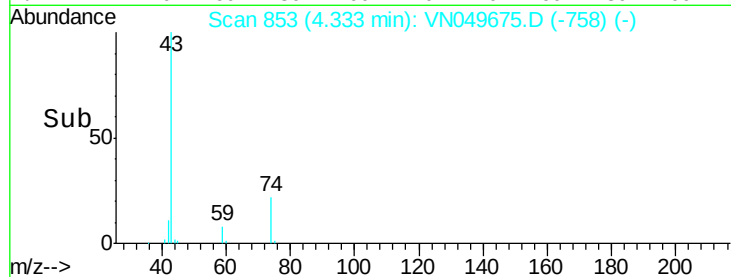
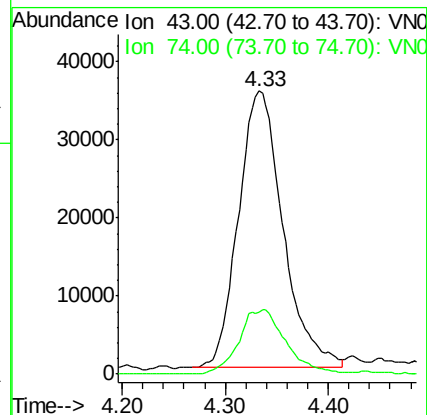
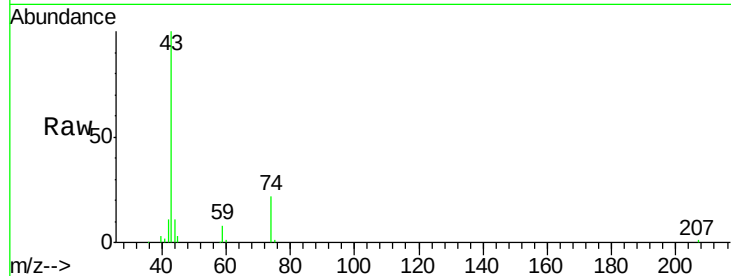
PB110744 ZHE#02

Tot Ion: 43 Resp: 106547

Ion Ratio Lower Upper

43 100

74 24.6 19.8 29.8



#20

Methylene Chloride

Concen: 1.70 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.01 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Tgt Ion: 84 Resp: 32321

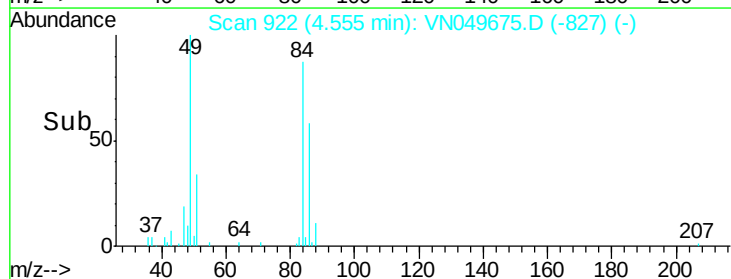
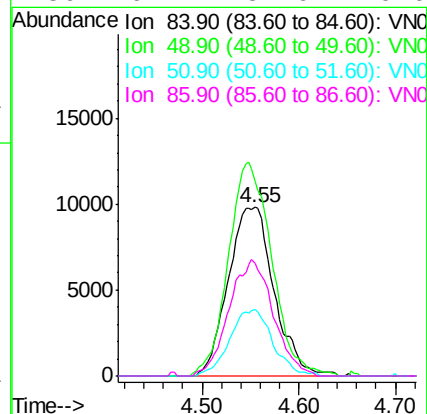
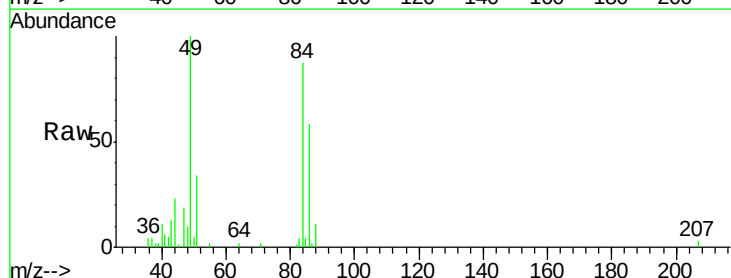
Ion Ratio Lower Upper

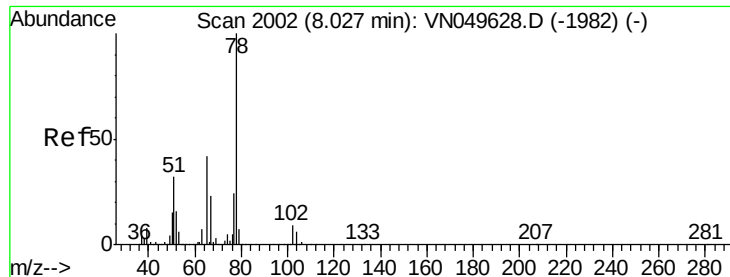
84 100

49 115.4 95.4 143.2

51 39.8 28.4 42.6

86 67.1 52.6 79.0

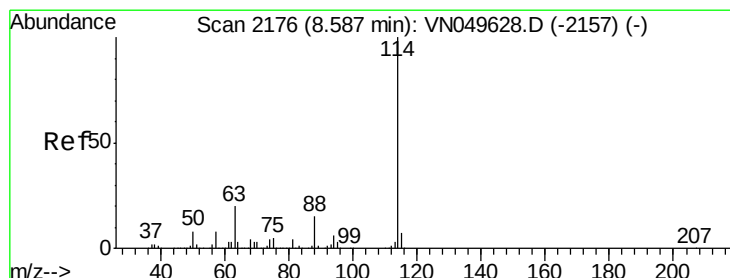
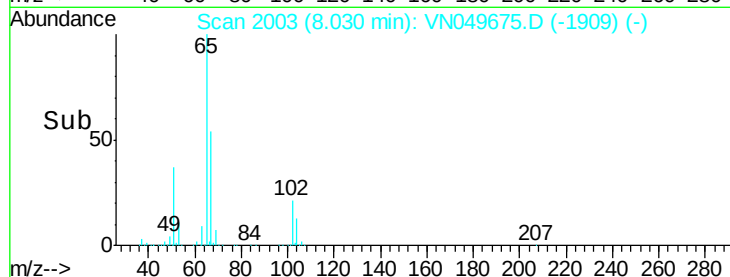
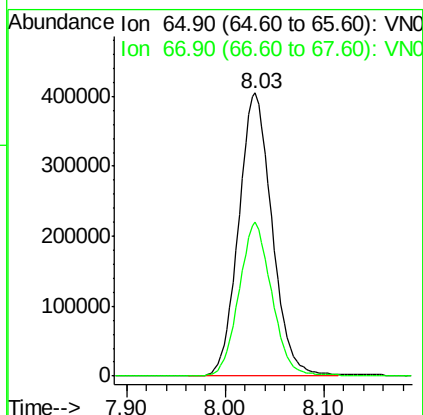
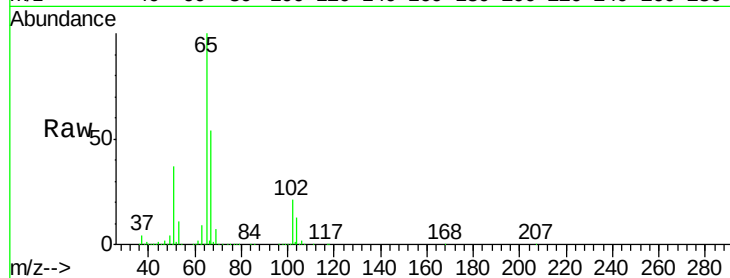




#33
 1,2-Dichloroethane-d4
 Concen: 51.26 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049675.D
 Acq: 2 Jul 2018 17:45

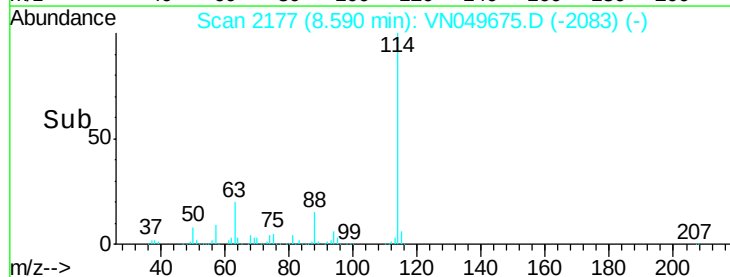
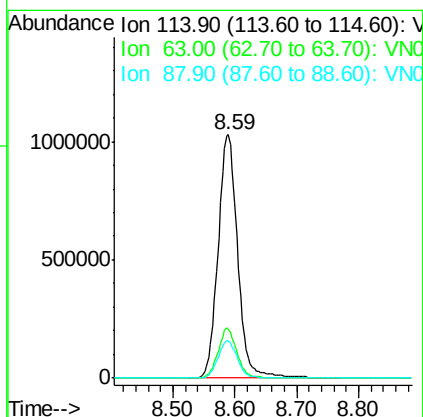
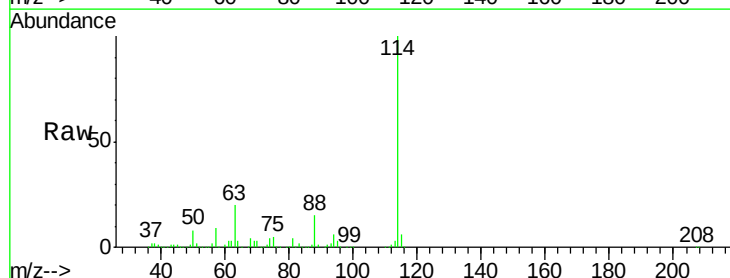
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#02

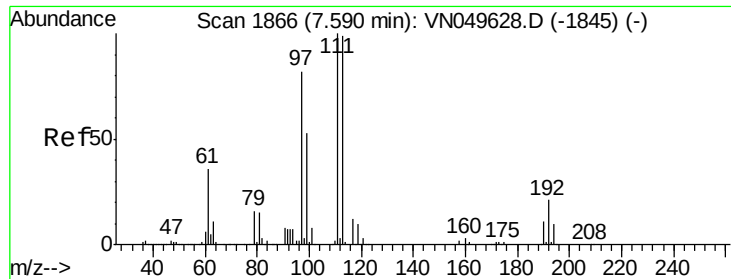
Tot Ion: 65 Resp: 946442
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049675.D
 Acq: 2 Jul 2018 17:45

Tgt Ion: 114 Resp: 2259933
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.66 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#02

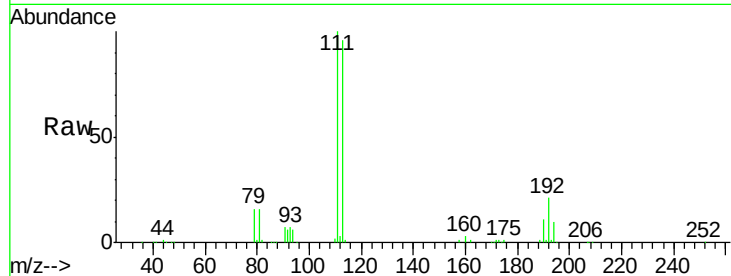
Tot Ion:113 Resp: 788281

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

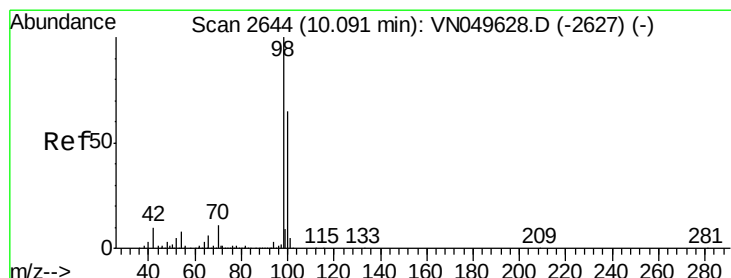
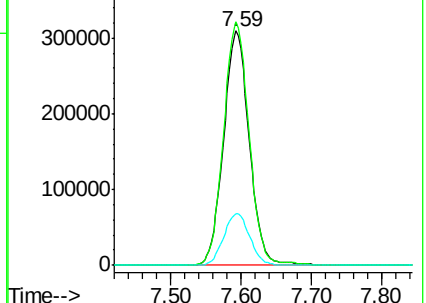
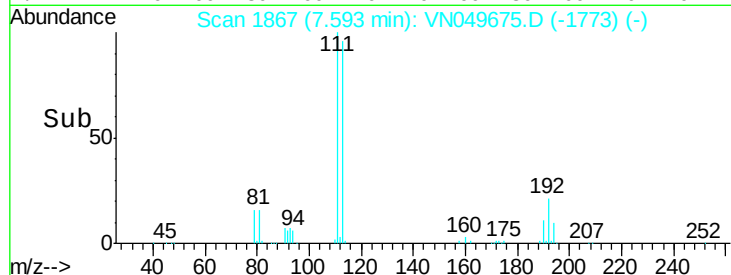
192 22.4 17.8 26.6



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: 45.77 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049675.D

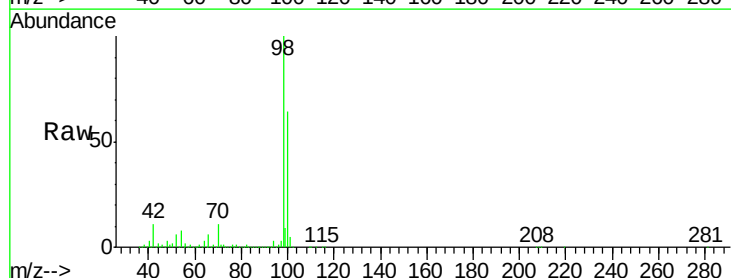
Acq: 2 Jul 2018 17:45

Tgt Ion: 98 Resp: 3026839

Ion Ratio Lower Upper

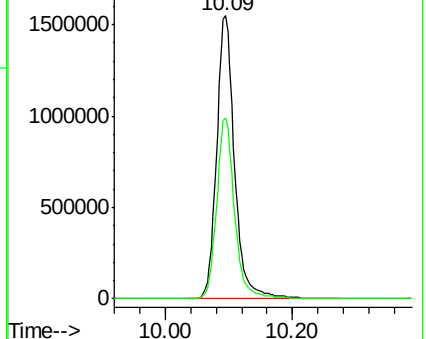
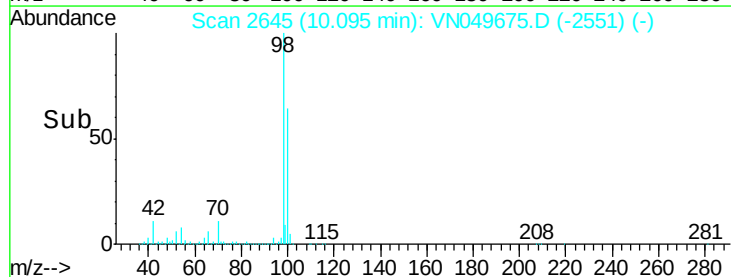
98 100

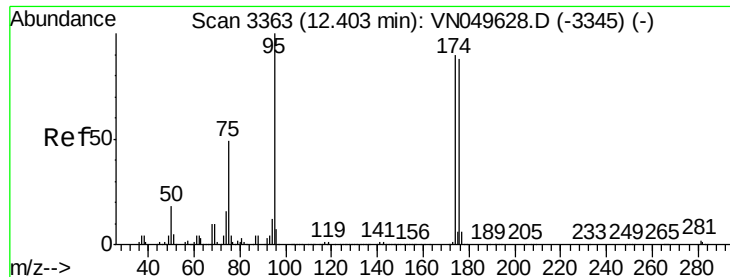
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

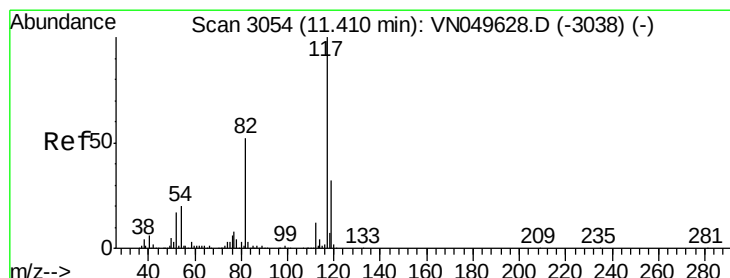
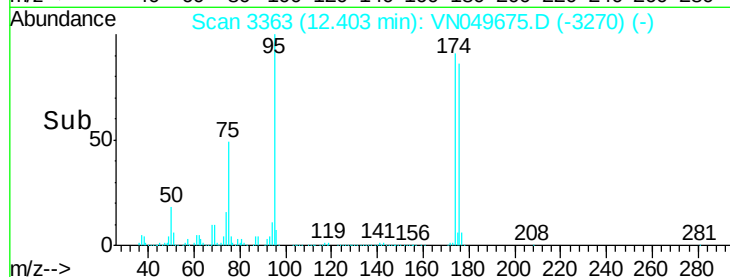
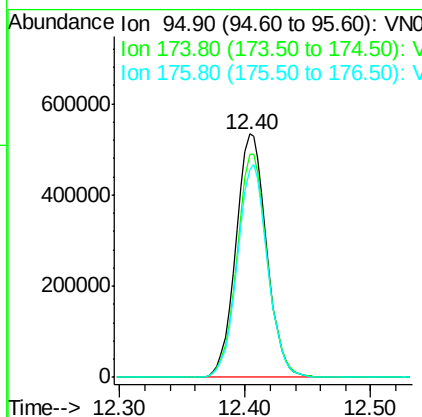
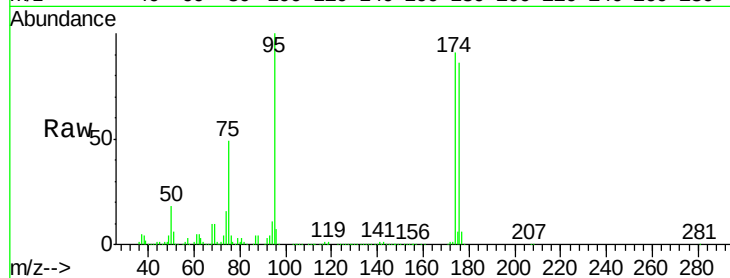




#62
4-Bromofluorobenzene
Concen: 40.10 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

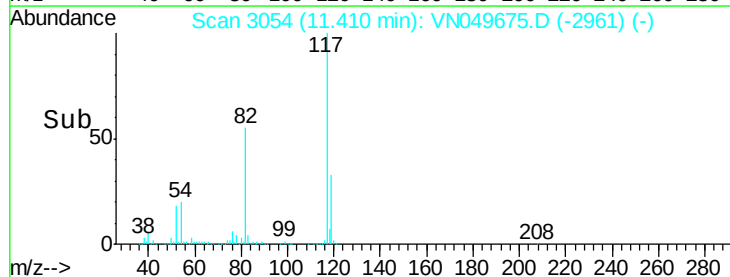
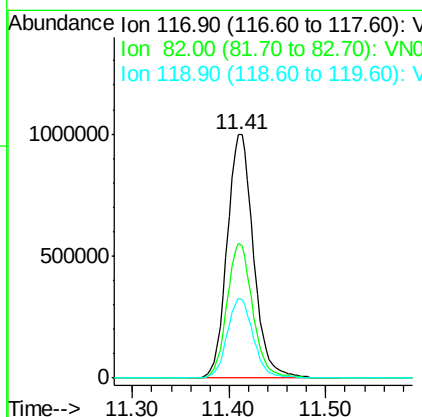
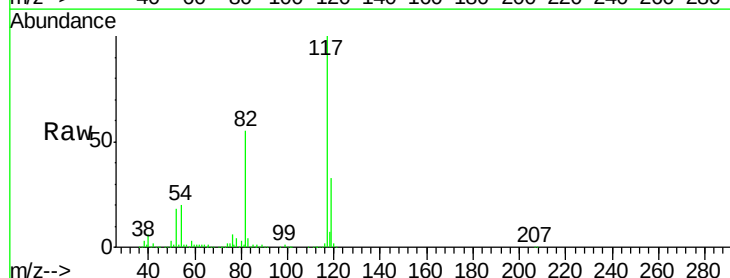
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#02

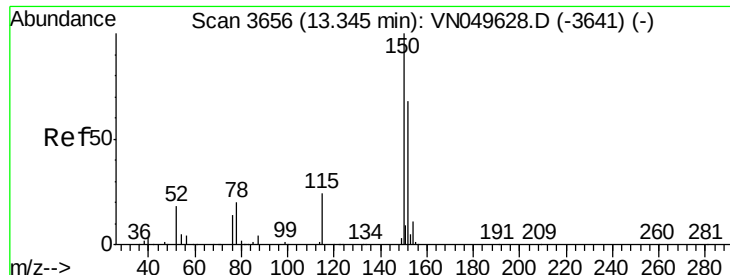
Tot Ion: 95 Resp: 905433
Ion Ratio Lower Upper
95 100
174 90.7 0.0 179.6
176 86.4 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

Tgt Ion: 117 Resp: 1887845
Ion Ratio Lower Upper
117 100
82 55.5 41.9 62.9
119 32.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#02

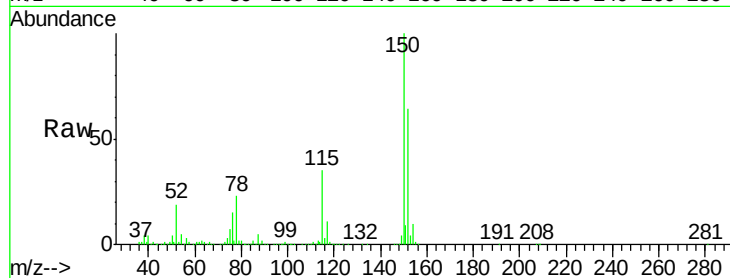
Tot Ion:152 Resp: 759662

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

150 156.7 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

