

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049678.D
 Acq On : 2 Jul 2018 19:03
 Operator : MD\SY
 Sample : PB110744 ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#05

Quant Time: Jul 03 05:00:59 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	1259508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2057574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1692343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	659799	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	862340	51.85	ug/l	0.00
Spiked Amount						
			Recovery	=	103.70%	
35) Dibromofluoromethane	7.59	113	723255	47.02	ug/l	0.00
Spiked Amount						
			Recovery	=	94.04%	
50) Toluene-d8	10.09	98	2755593	45.77	ug/l	0.00
Spiked Amount						
			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.41	95	804728	39.15	ug/l	0.00
Spiked Amount						
			Recovery	=	78.30%	

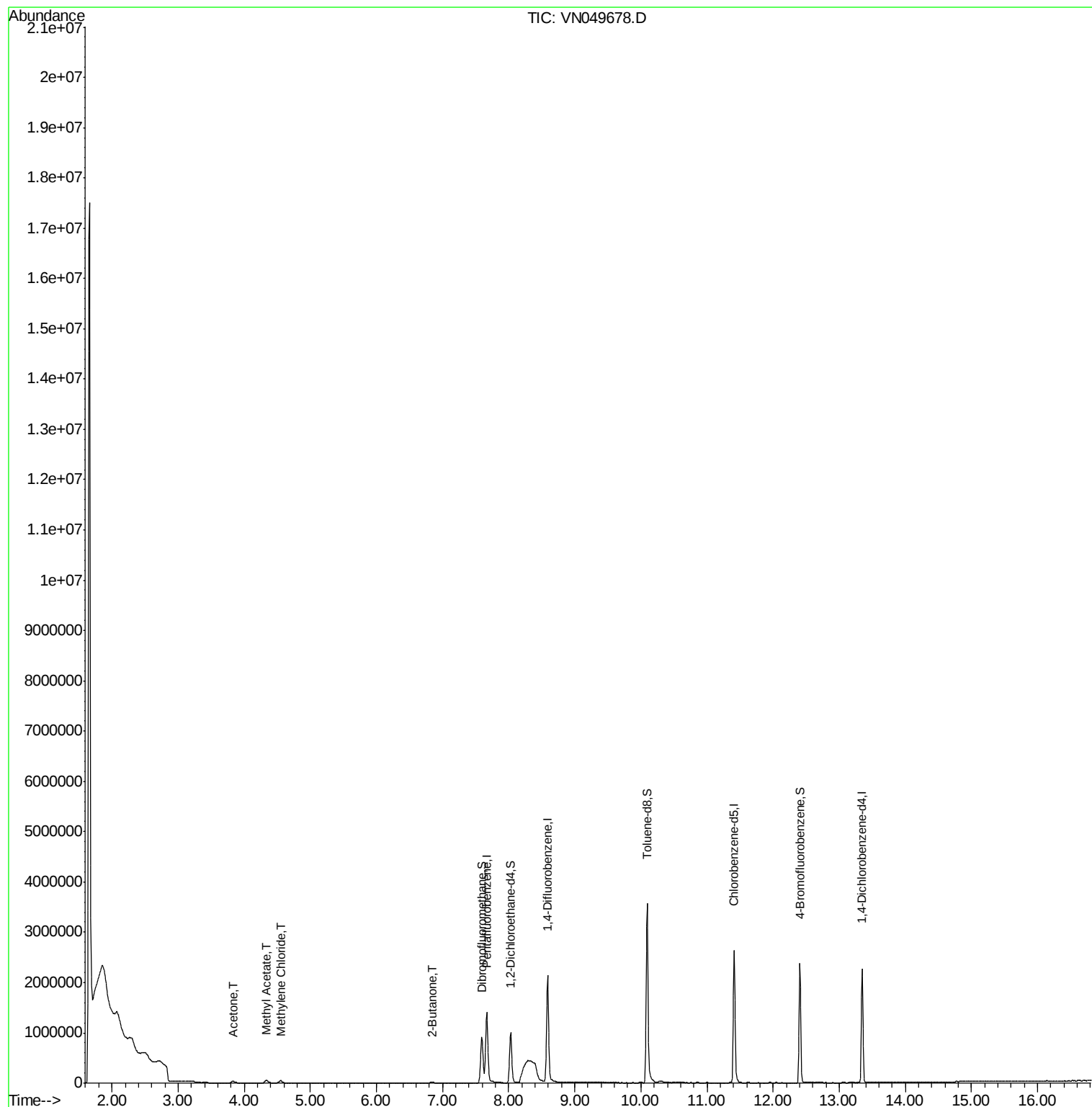
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	52459	7.97	ug/l	98
18) Methyl Acetate	4.33	43	113004	2.50	ug/l	96
20) Methylene Chloride	4.55	84	32212	1.88	ug/l #	94
25) 2-Butanone	6.85	43	7965	1.44	ug/l	93

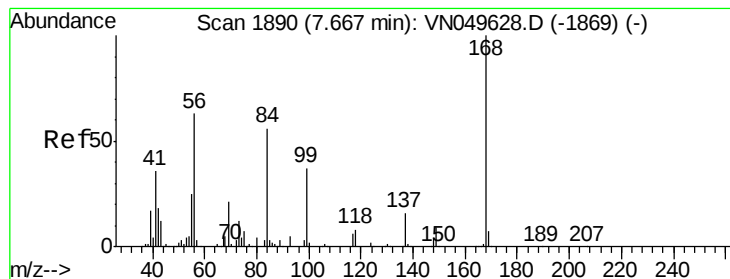
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN049678.D

Acq: 2 Jul 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

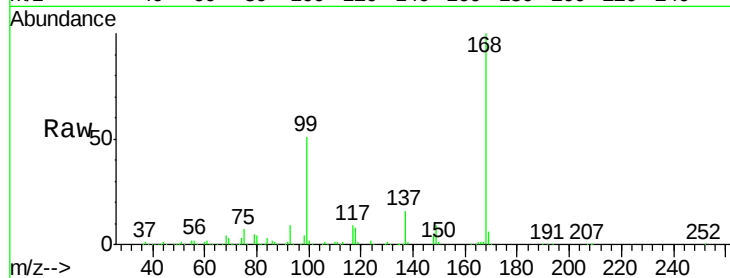
PB110744 ZHE#05

Tot Ion:168 Resp: 1259508

Ion Ratio Lower Upper

168 100

99 50.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

0

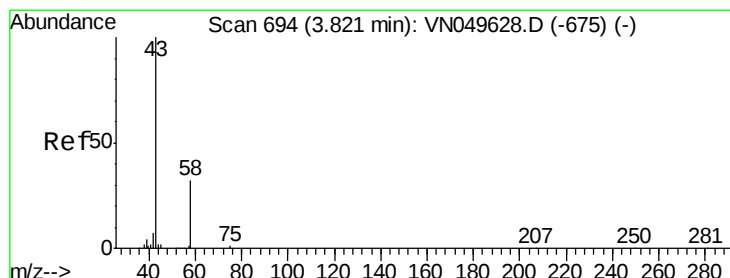
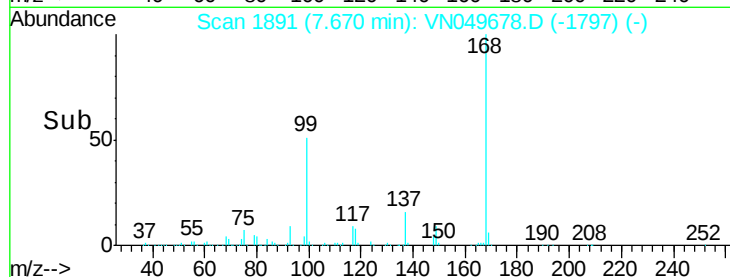
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 7.97 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049678.D

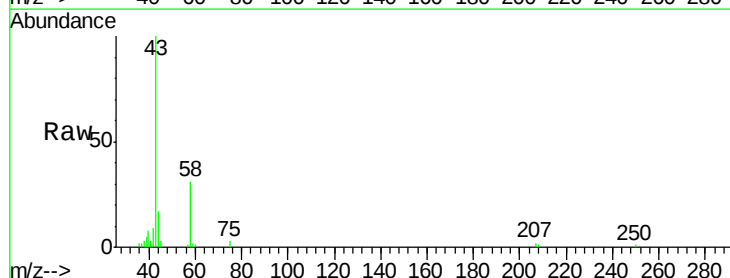
Acq: 2 Jul 2018 19:03

Tgt Ion: 43 Resp: 52459

Ion Ratio Lower Upper

43 100

58 31.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

20000

15000

10000

5000

0

3.83

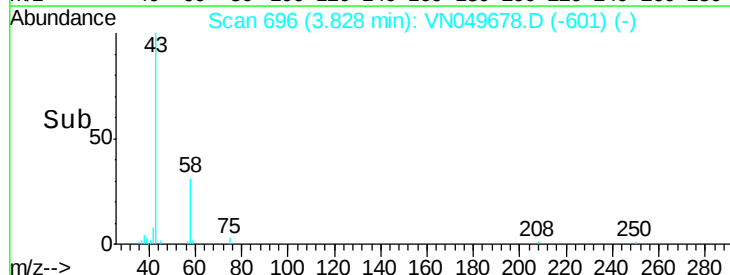
3.75

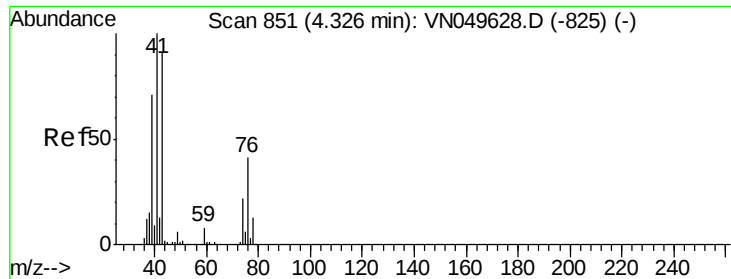
3.80

3.85

3.90

Time-->

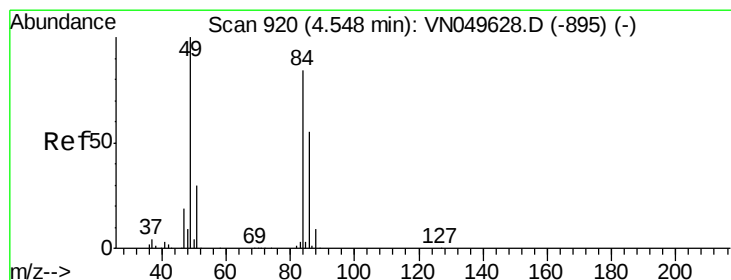
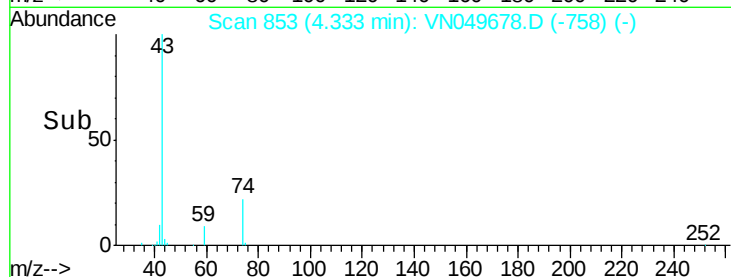
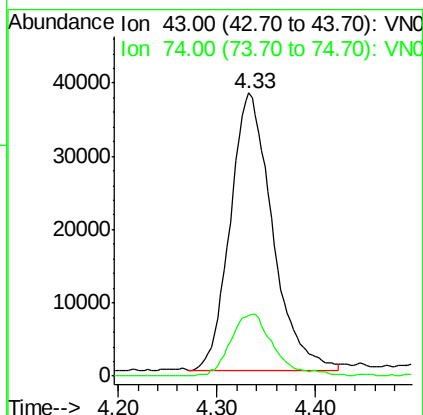
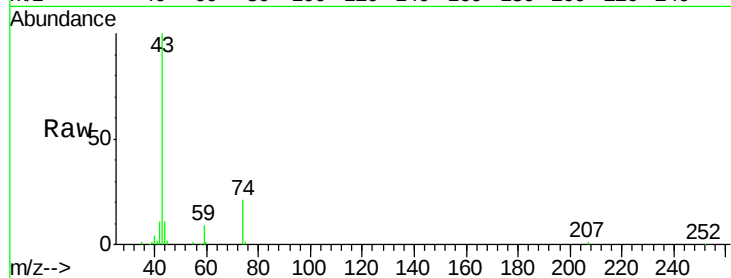




#18
Methyl Acetate
Concen: 2.50 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049678.D
Acq: 2 Jul 2018 19:03

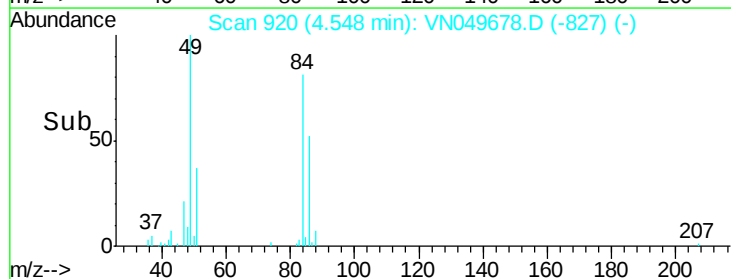
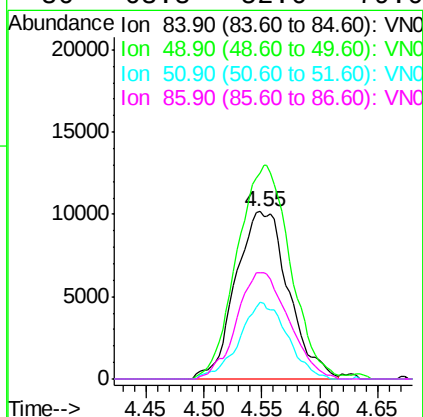
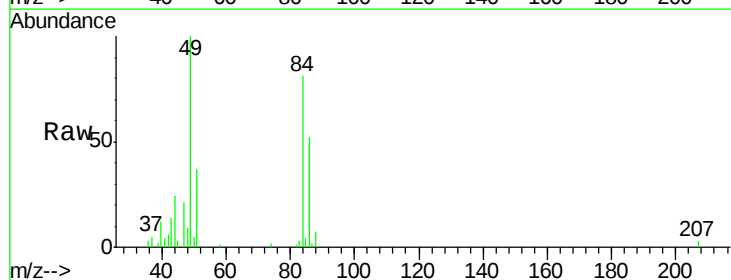
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#05

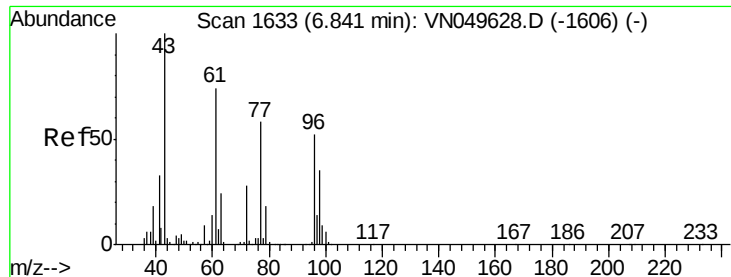
Tot Ion: 43 Resp: 113004
Ion Ratio Lower Upper
43 100
74 22.9 19.8 29.8



#20
Methylene Chloride
Concen: 1.88 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049678.D
Acq: 2 Jul 2018 19:03

Tgt Ion: 84 Resp: 32212
Ion Ratio Lower Upper
84 100
49 123.3 95.4 143.2
51 45.8 28.4 42.6#
86 63.8 52.6 79.0

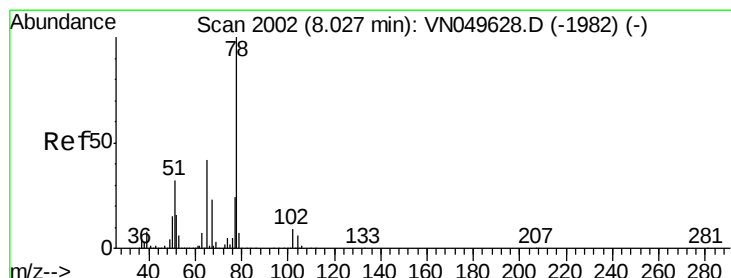
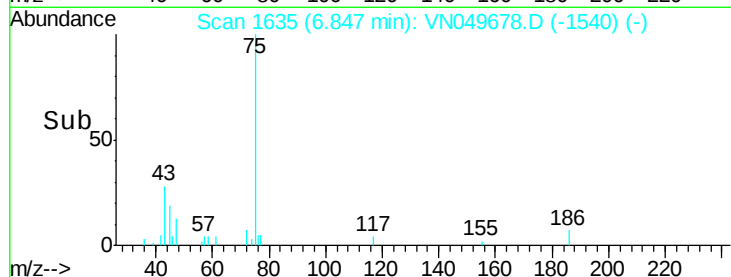
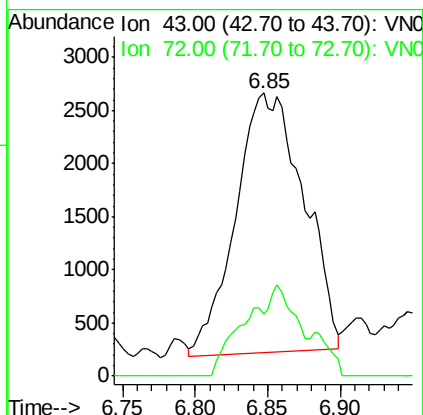
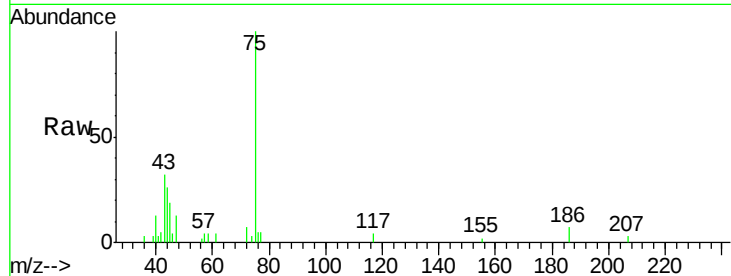




#25
2-Butanone
Concen: 1.44 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049678.D
Acq: 2 Jul 2018 19:03

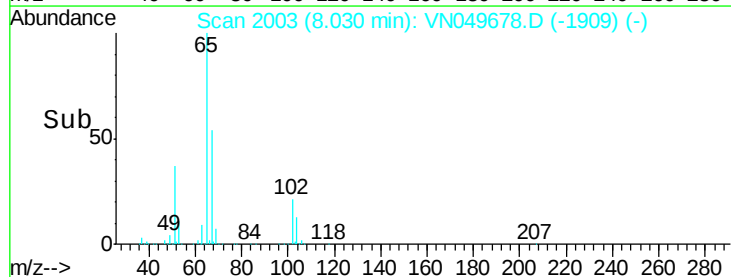
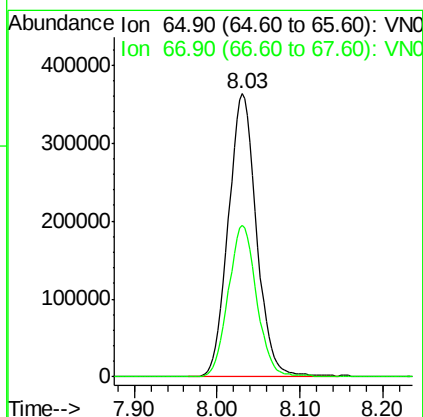
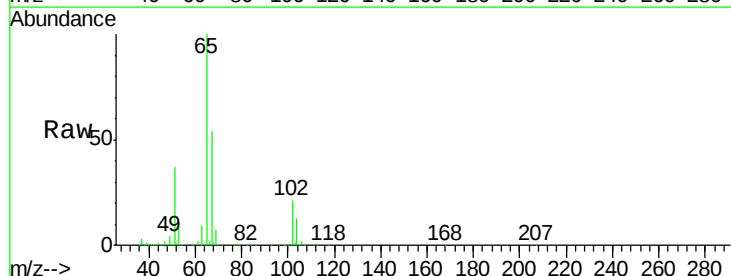
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#05

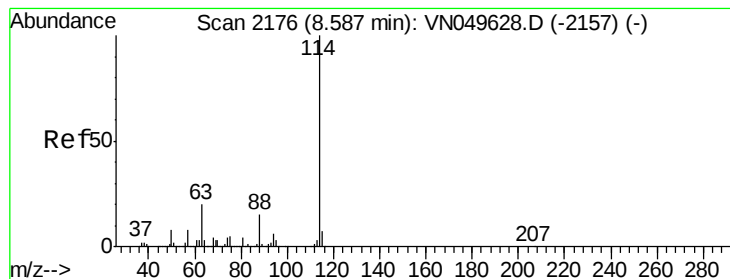
Tot Ion: 43 Resp: 7965
Ion Ratio Lower Upper
43 100
72 24.0 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 51.85 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049678.D
Acq: 2 Jul 2018 19:03

Tgt Ion: 65 Resp: 862340
Ion Ratio Lower Upper
65 100
67 53.8 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: VN049678.D

Acq: 2 Jul 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#05

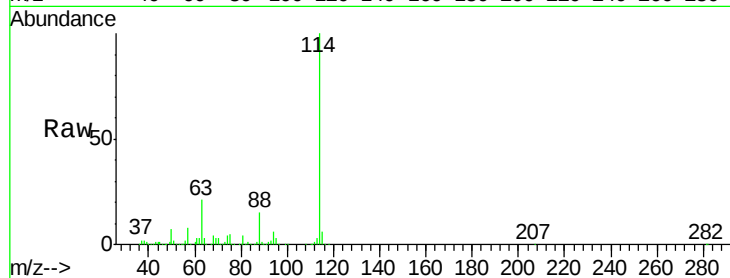
Tot Ion:114 Resp: 2057574

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

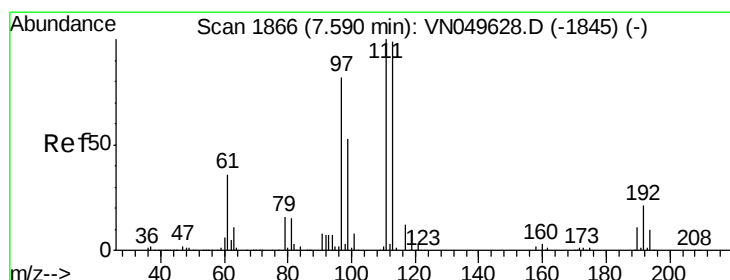
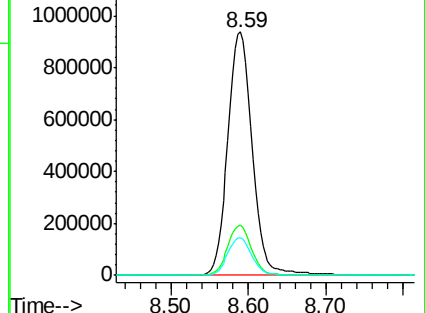
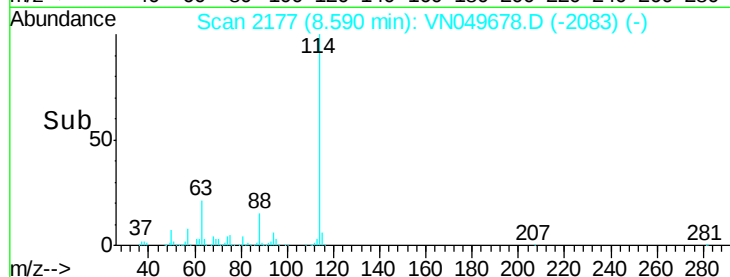
88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.02 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049678.D

Acq: 2 Jul 2018 19:03

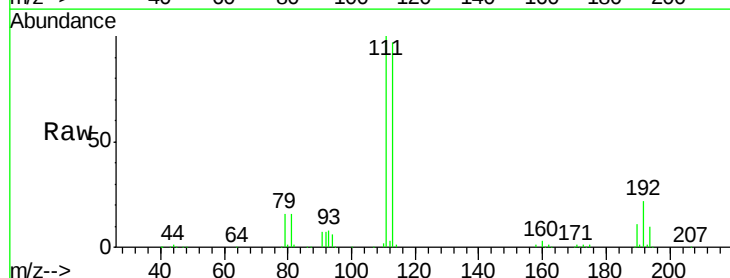
Tgt Ion:113 Resp: 723255

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

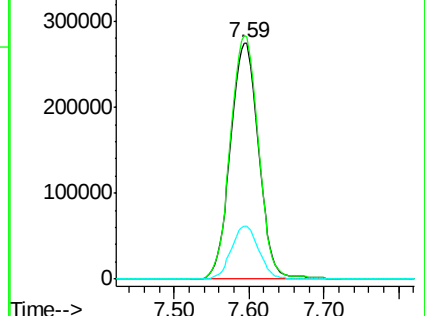
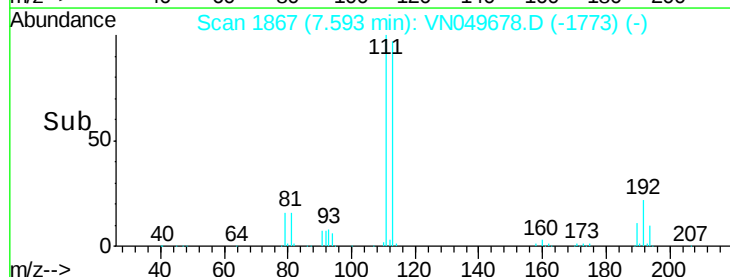
192 21.9 17.8 26.6

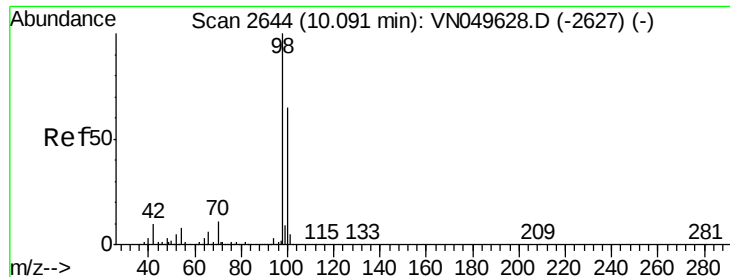


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.77 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049678.D

Acq: 2 Jul 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

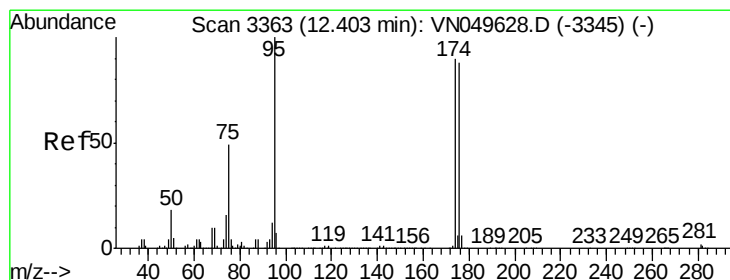
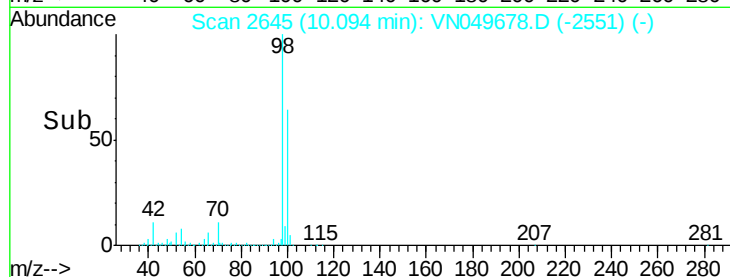
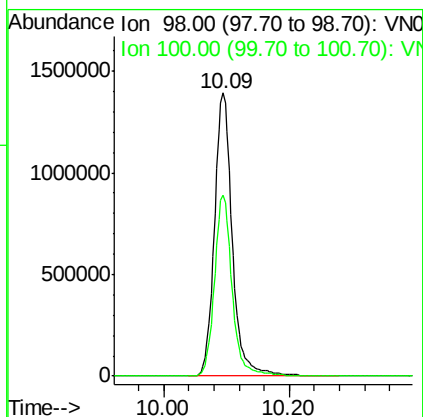
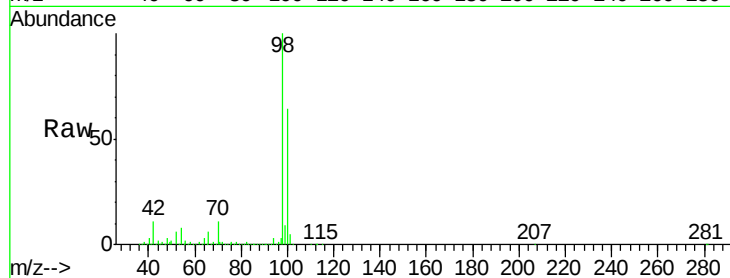
PB110744 ZHE#05

Tot Ion: 98 Resp: 2755593

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 39.15 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049678.D

Acq: 2 Jul 2018 19:03

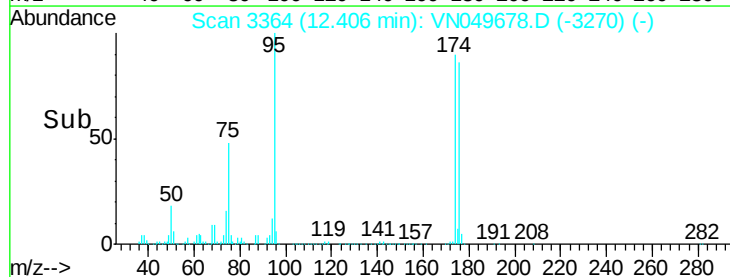
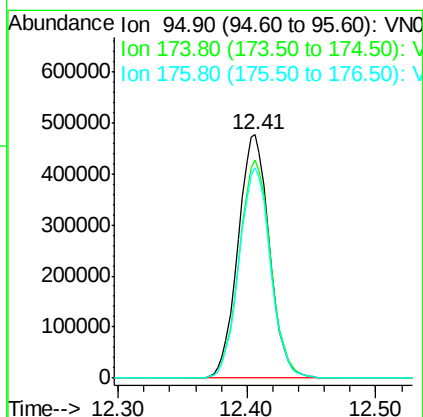
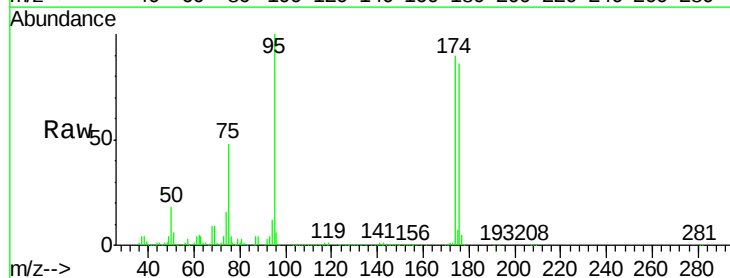
Tgt Ion: 95 Resp: 804728

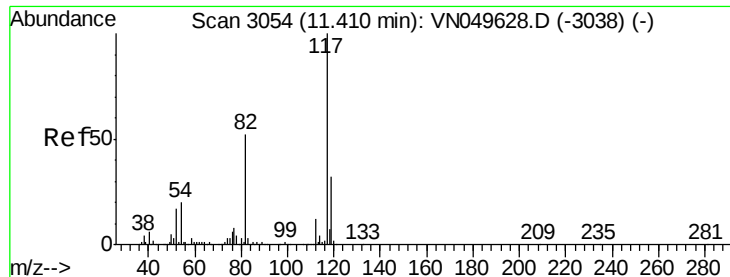
Ion Ratio Lower Upper

95 100

174 90.5 0.0 179.6

176 86.5 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: VN049678.D

Acq: 2 Jul 2018 19:03

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#05

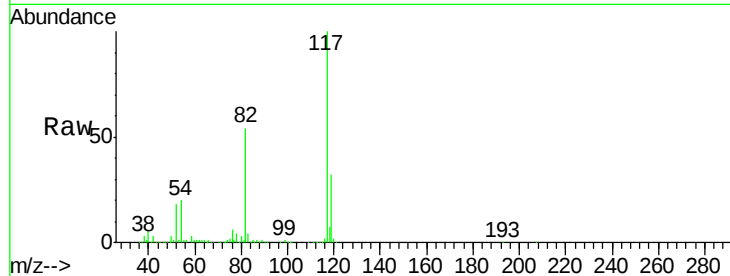
Tot Ion:117 Resp: 1692343

Ion Ratio Lower Upper

117 100

82 54.0 41.9 62.9

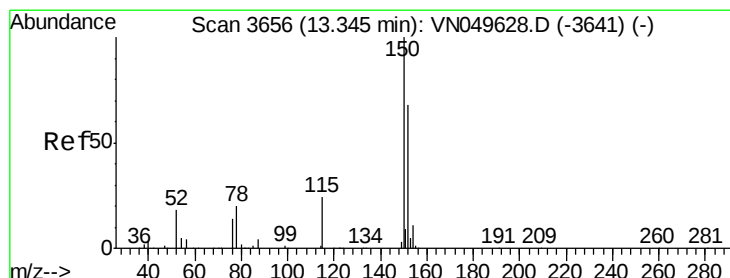
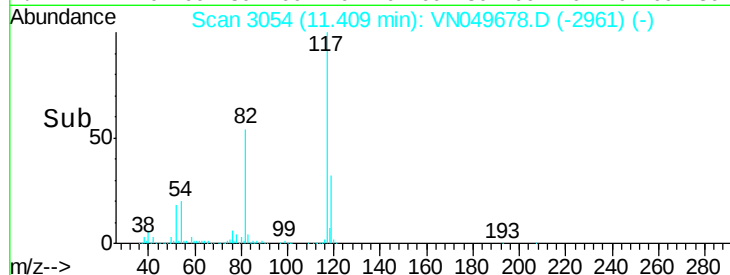
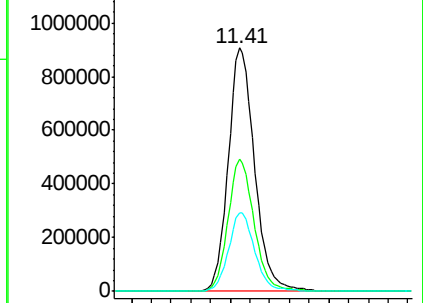
119 32.4 25.4 38.2



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: VN049678.D

Acq: 2 Jul 2018 19:03

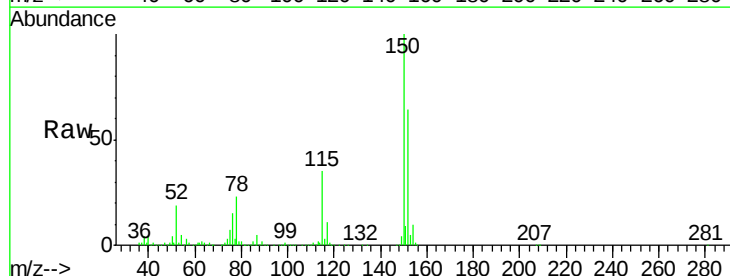
Tgt Ion:152 Resp: 659799

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.2

150 155.9 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

