

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049679.D
 Acq On : 2 Jul 2018 19:29
 Operator : MD\SY
 Sample : PB110744 ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#06

Quant Time: Jul 03 05:02:46 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

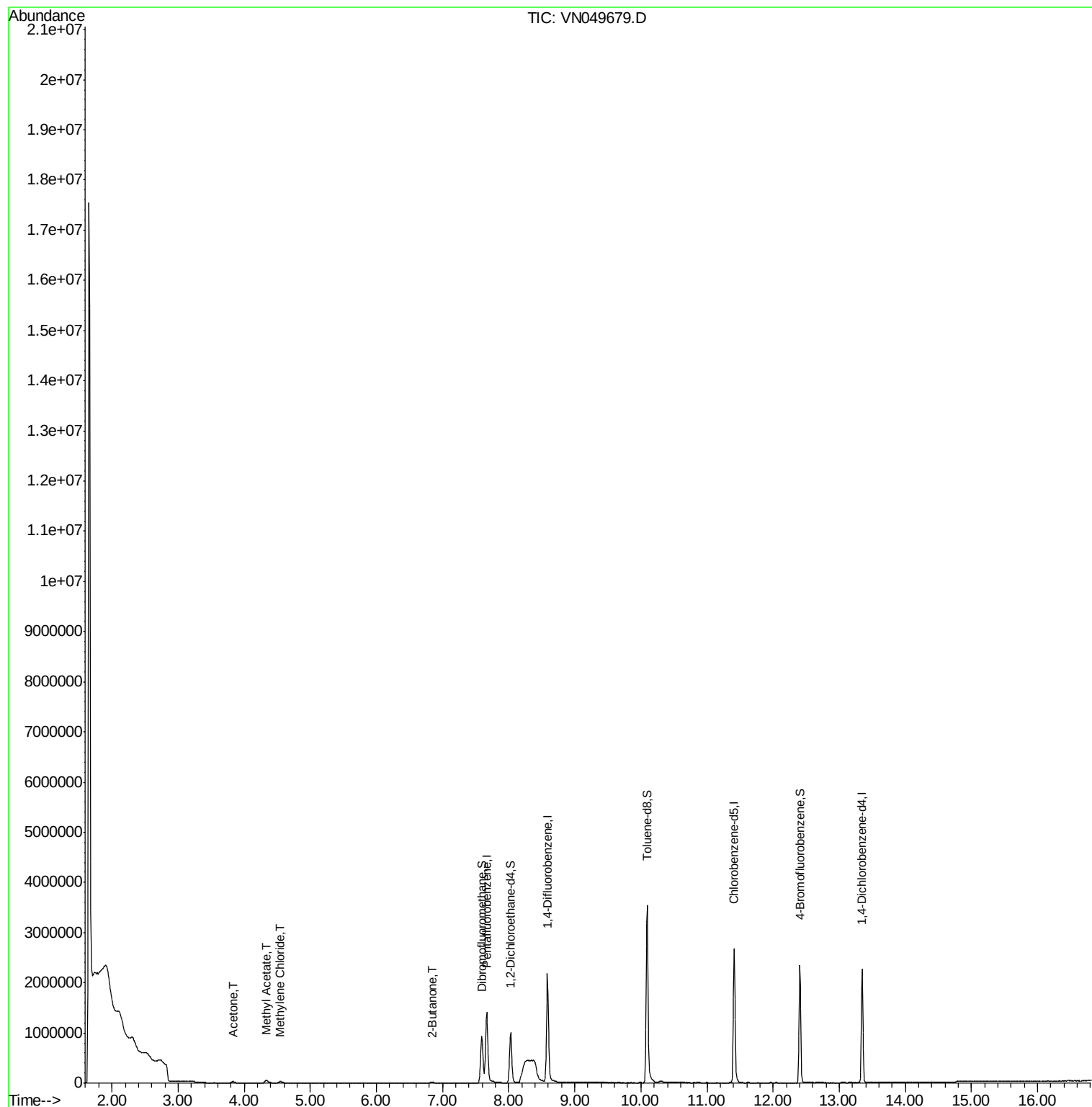
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1267435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2061032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1699502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	647748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	869743	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
35) Dibromofluoromethane	7.59	113	728469	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	10.09	98	2748131	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
62) 4-Bromofluorobenzene	12.41	95	797968	38.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.50%	
Target Compounds						
16) Acetone	3.82	43	51232	7.49	ug/l	90
18) Methyl Acetate	4.33	43	107407	2.02	ug/l	98
20) Methylene Chloride	4.55	84	19443	1.13	ug/l	86
25) 2-Butanone	6.85	43	6773	1.22	ug/l #	79

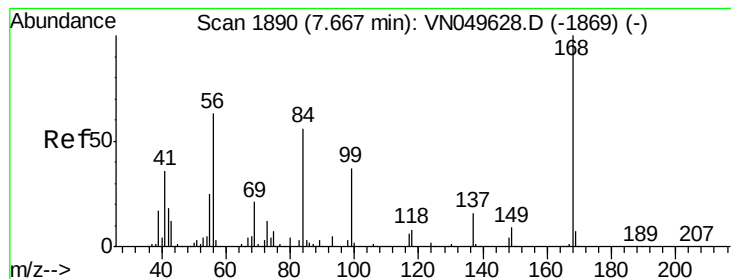
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 03 05:02:46 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: VN049679.D

Acq: 2 Jul 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

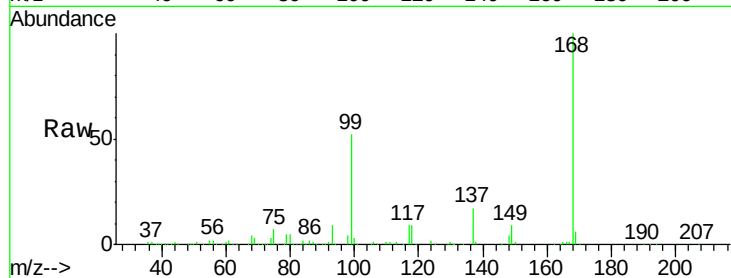
PB110744 ZHE#06

Tot Ion:168 Resp: 1267435

Ion Ratio Lower Upper

168 100

99 52.0 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

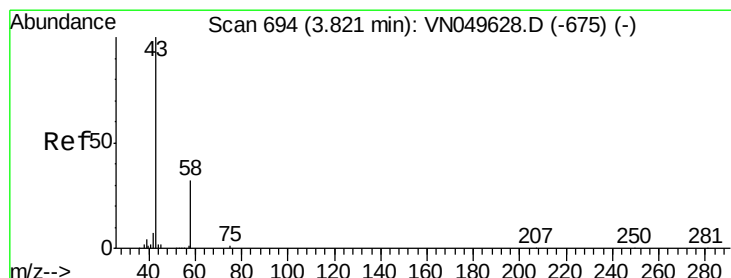
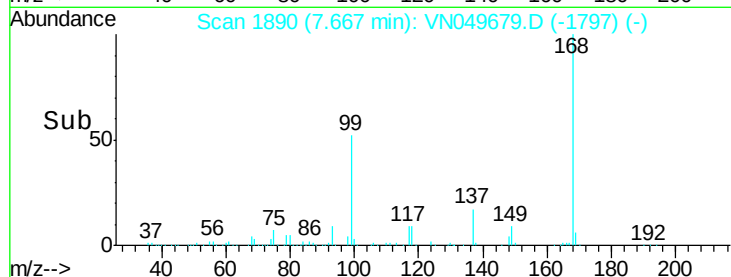
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.49 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049679.D

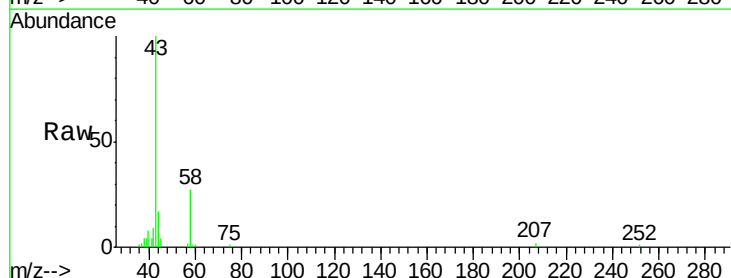
Acq: 2 Jul 2018 19:29

Tgt Ion: 43 Resp: 51232

Ion Ratio Lower Upper

43 100

58 26.8 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

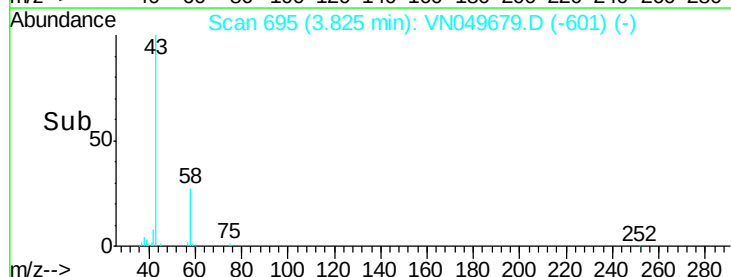
15000

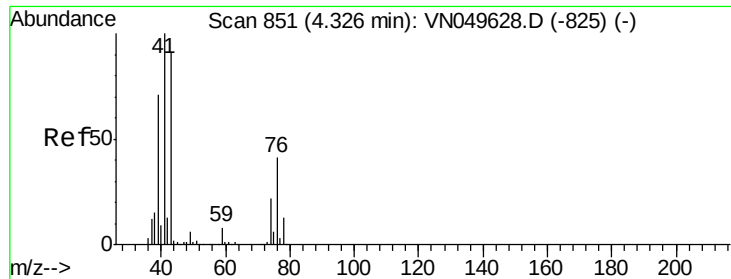
10000

5000

0

Time-->





#18

Methyl Acetate

Concen: 2.02 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049679.D

Acq: 2 Jul 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

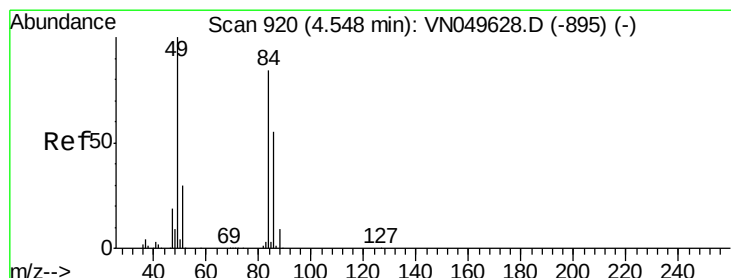
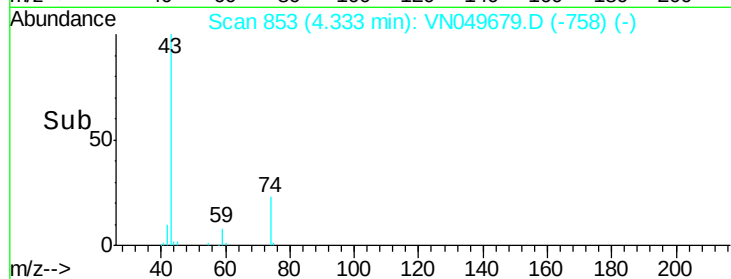
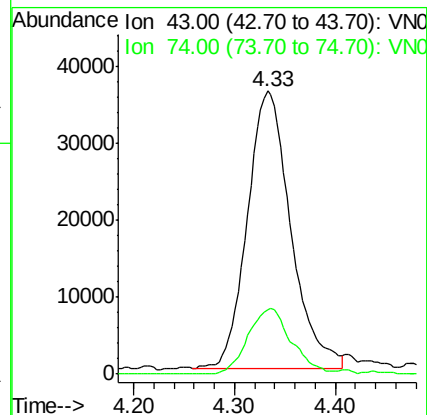
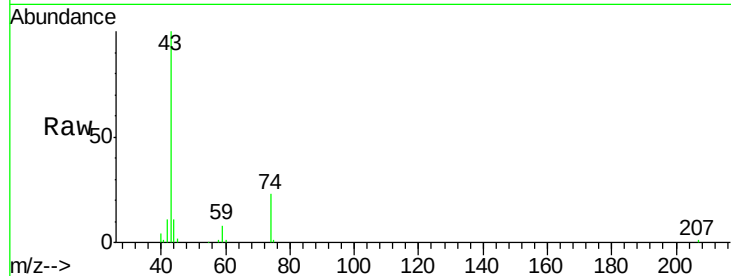
PB110744 ZHE#06

Tot Ion: 43 Resp: 107407

Ion Ratio Lower Upper

43 100

74 23.6 19.8 29.8



#20

Methylene Chloride

Concen: 1.13 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049679.D

Acq: 2 Jul 2018 19:29

Tgt Ion: 84 Resp: 19443

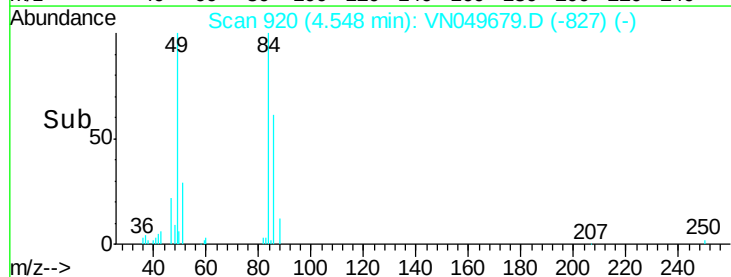
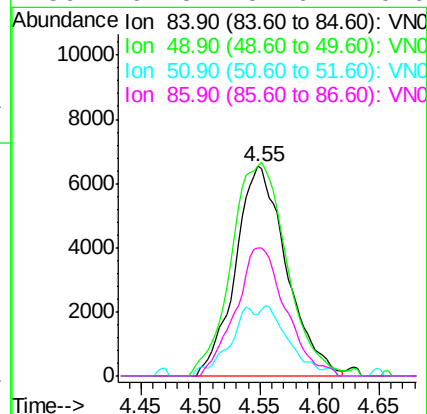
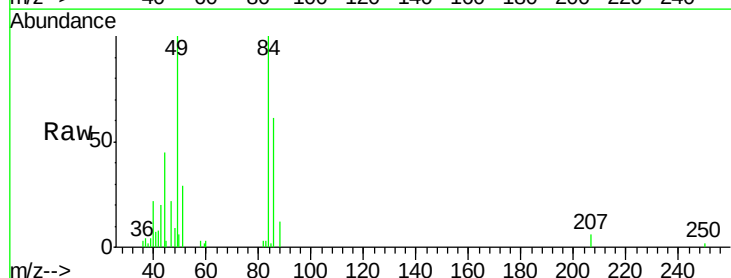
Ion Ratio Lower Upper

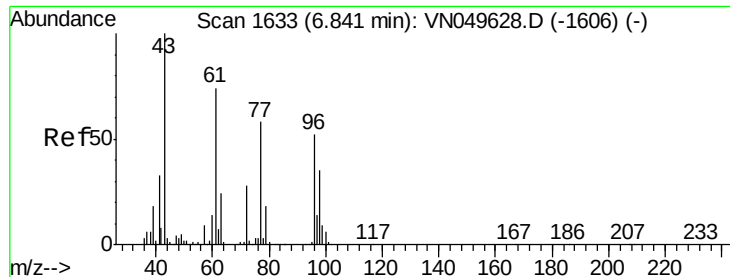
84 100

49 97.8 95.4 143.2

51 29.4 28.4 42.6

86 61.3 52.6 79.0





#25

2-Butanone

Concen: 1.22 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN049679.D

Acq: 2 Jul 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

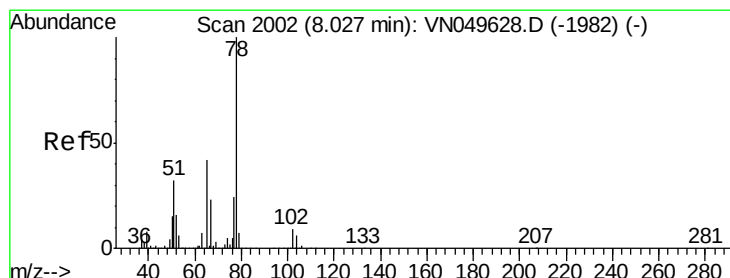
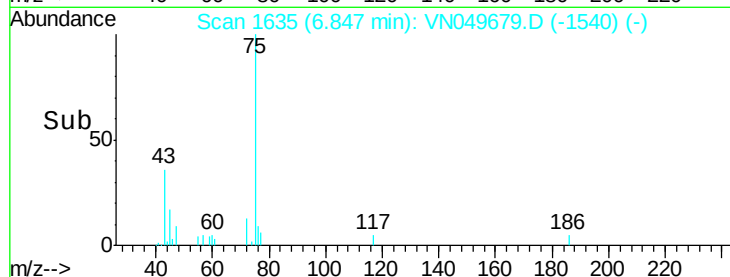
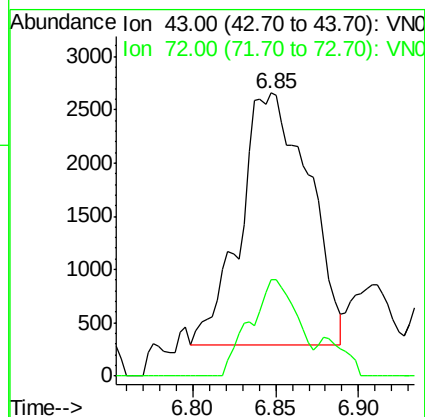
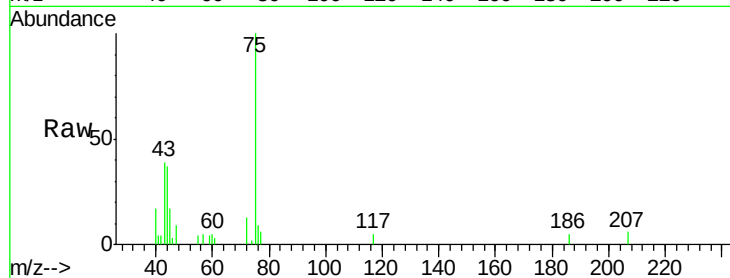
PB110744 ZHE#06

Tot Ion: 43 Resp: 6773

Ion Ratio Lower Upper

43 100

72 38.3 22.1 33.1#



#33

1,2-Dichloroethane-d4

Concen: 51.96 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049679.D

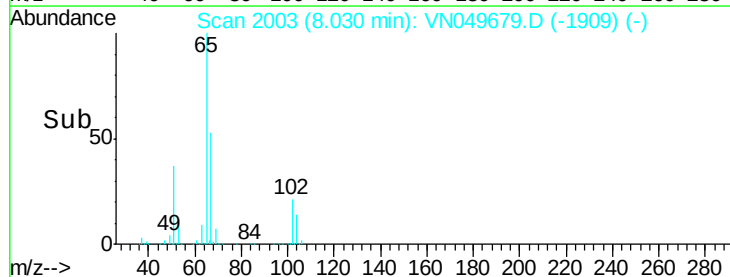
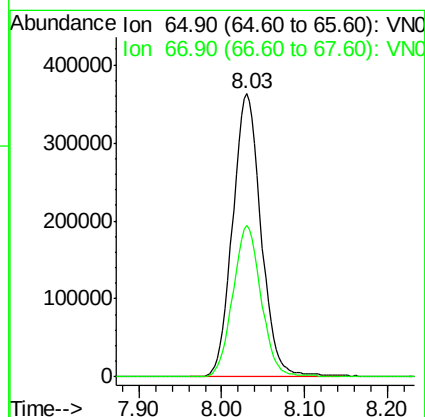
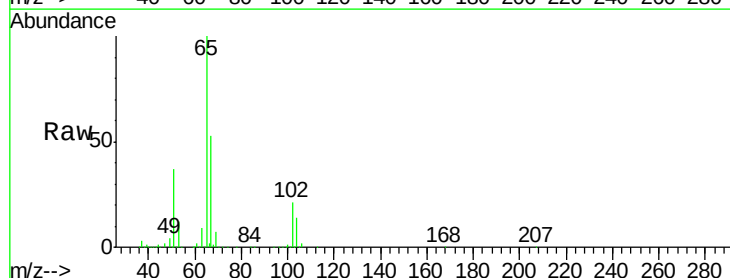
Acq: 2 Jul 2018 19:29

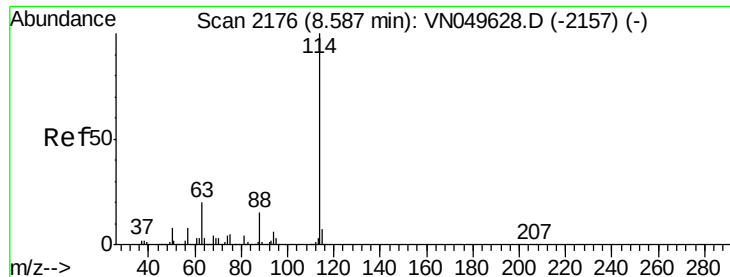
Tgt Ion: 65 Resp: 869743

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2

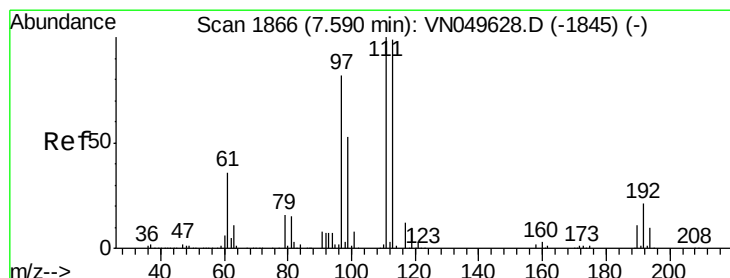
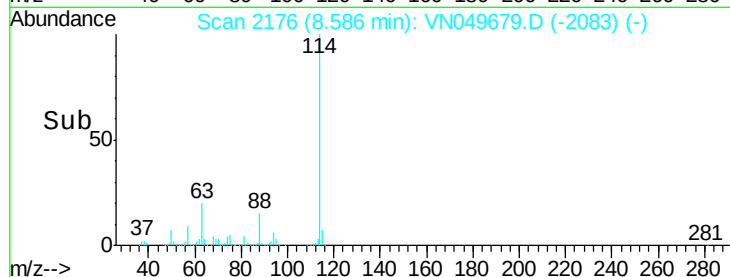
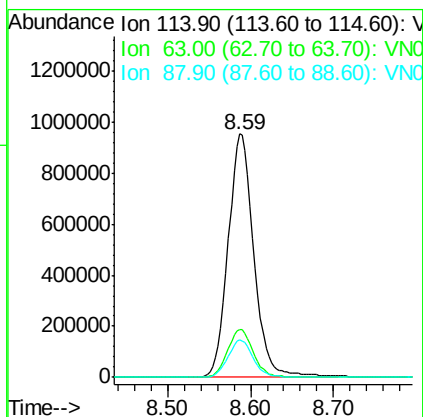
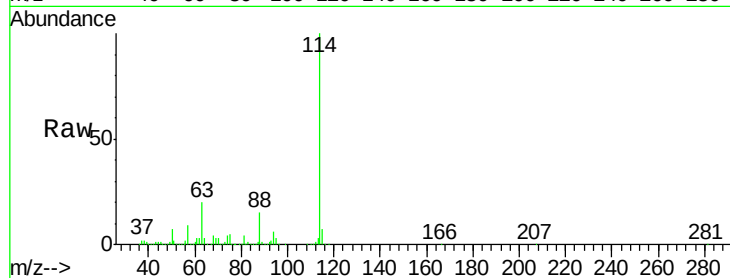




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049679.D
 Acq: 2 Jul 2018 19:29

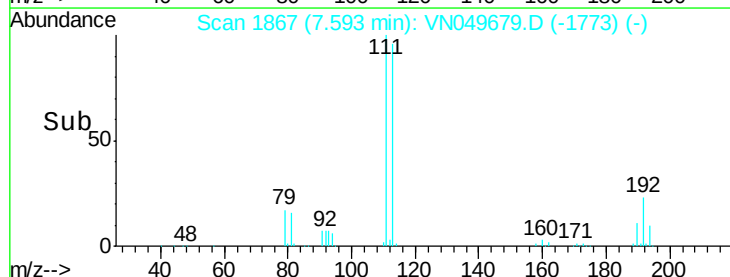
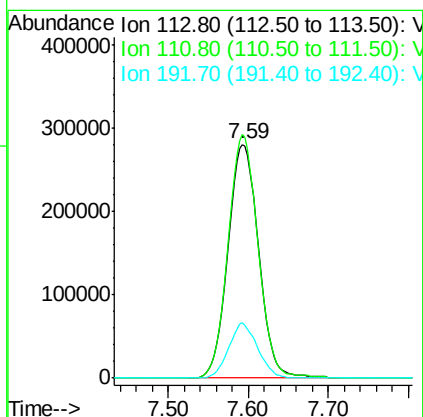
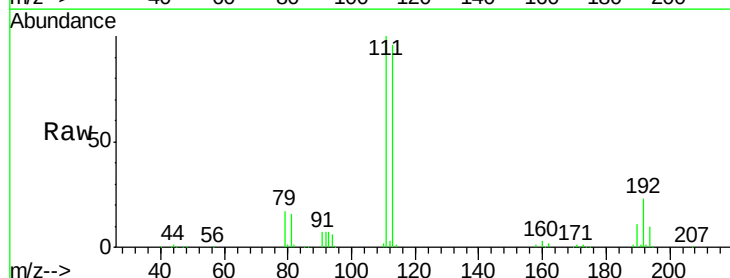
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#06

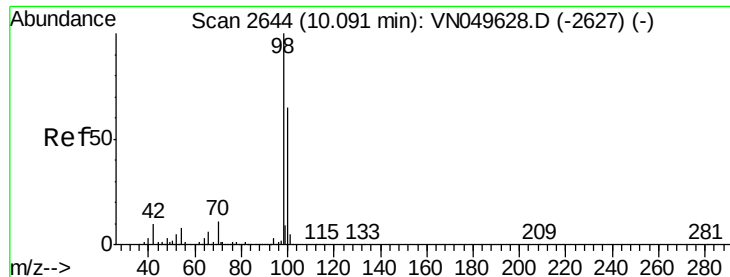
Tot Ion:114 Resp: 2061032
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.3 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 47.28 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049679.D
 Acq: 2 Jul 2018 19:29

Tgt Ion:113 Resp: 728469
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.8
 192 22.2 17.8 26.6





#50

Toluene-d8

Concen: 45.57 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049679.D

Acq: 2 Jul 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

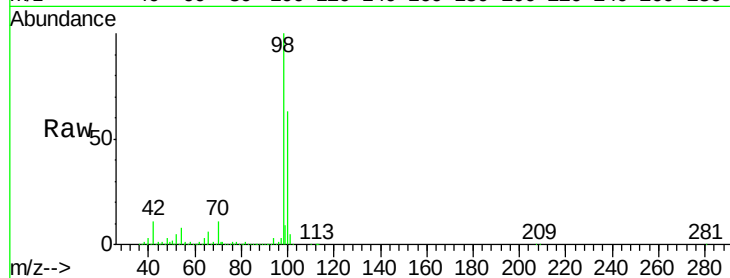
PB110744 ZHE#06

Tot Ion: 98 Resp: 2748131

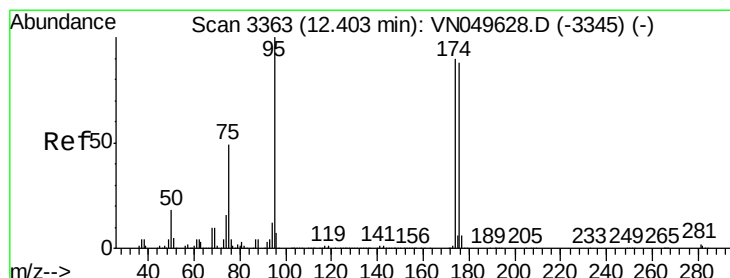
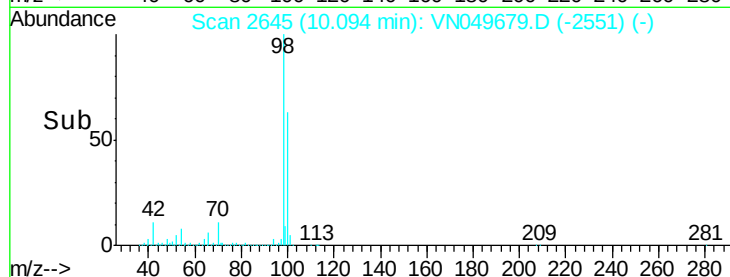
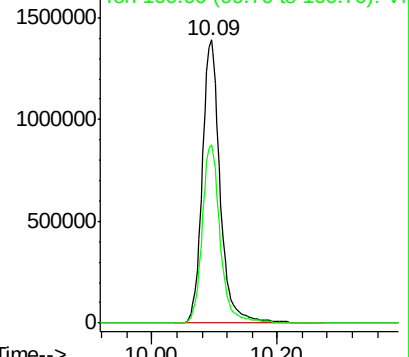
Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



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



#62

4-Bromofluorobenzene

Concen: 38.75 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049679.D

Acq: 2 Jul 2018 19:29

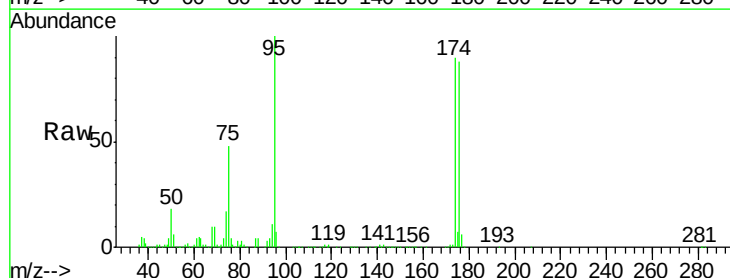
Tgt Ion: 95 Resp: 797968

Ion Ratio Lower Upper

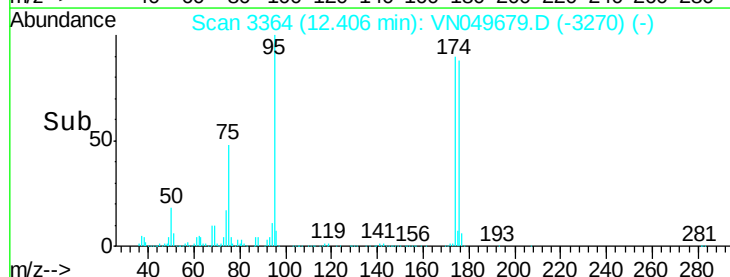
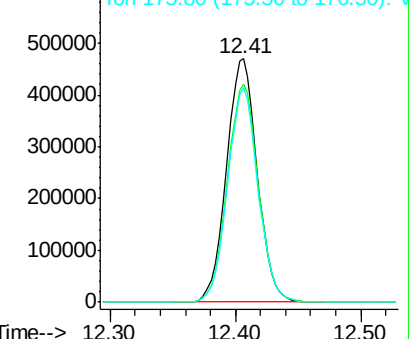
95 100

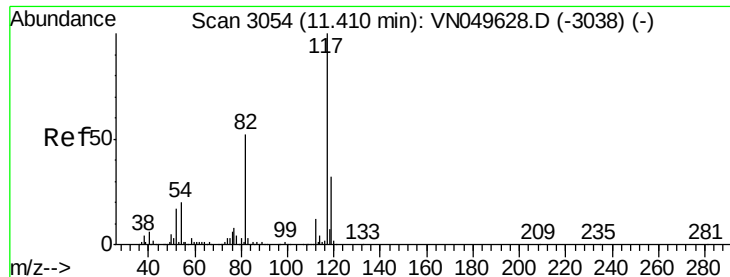
174 90.9 0.0 179.6

176 87.3 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049628.D (-3345) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049679.D

Acq: 2 Jul 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#06

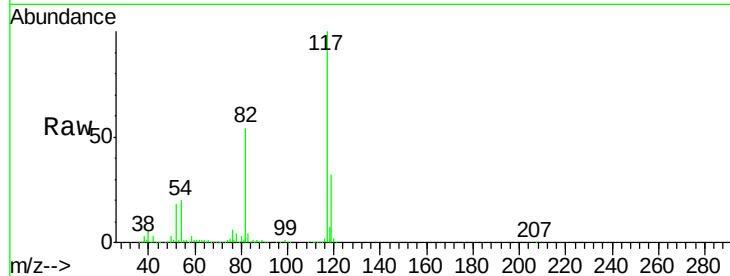
Tot Ion:117 Resp: 1699502

Ion Ratio Lower Upper

117 100

82 54.0 41.9 62.9

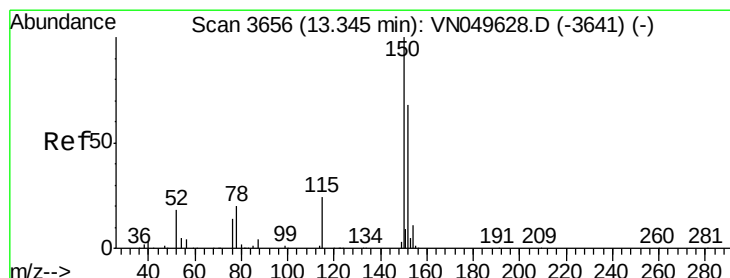
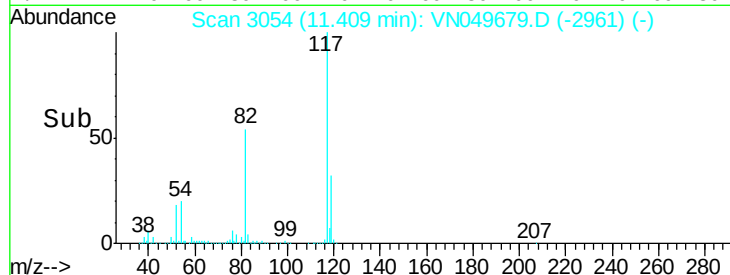
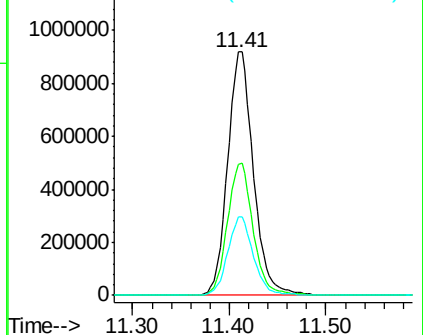
119 32.0 25.4 38.2



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: VN049679.D

Acq: 2 Jul 2018 19:29

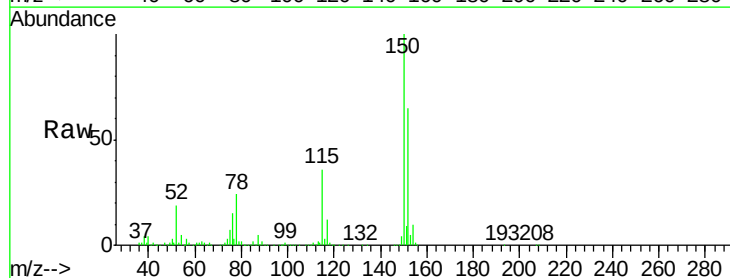
Tgt Ion:152 Resp: 647748

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

150 154.5 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

