

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049676.D
 Acq On : 2 Jul 2018 18:11
 Operator : MD\SY
 Sample : PB110744 ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#03

Quant Time: Jul 03 04:56:20 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

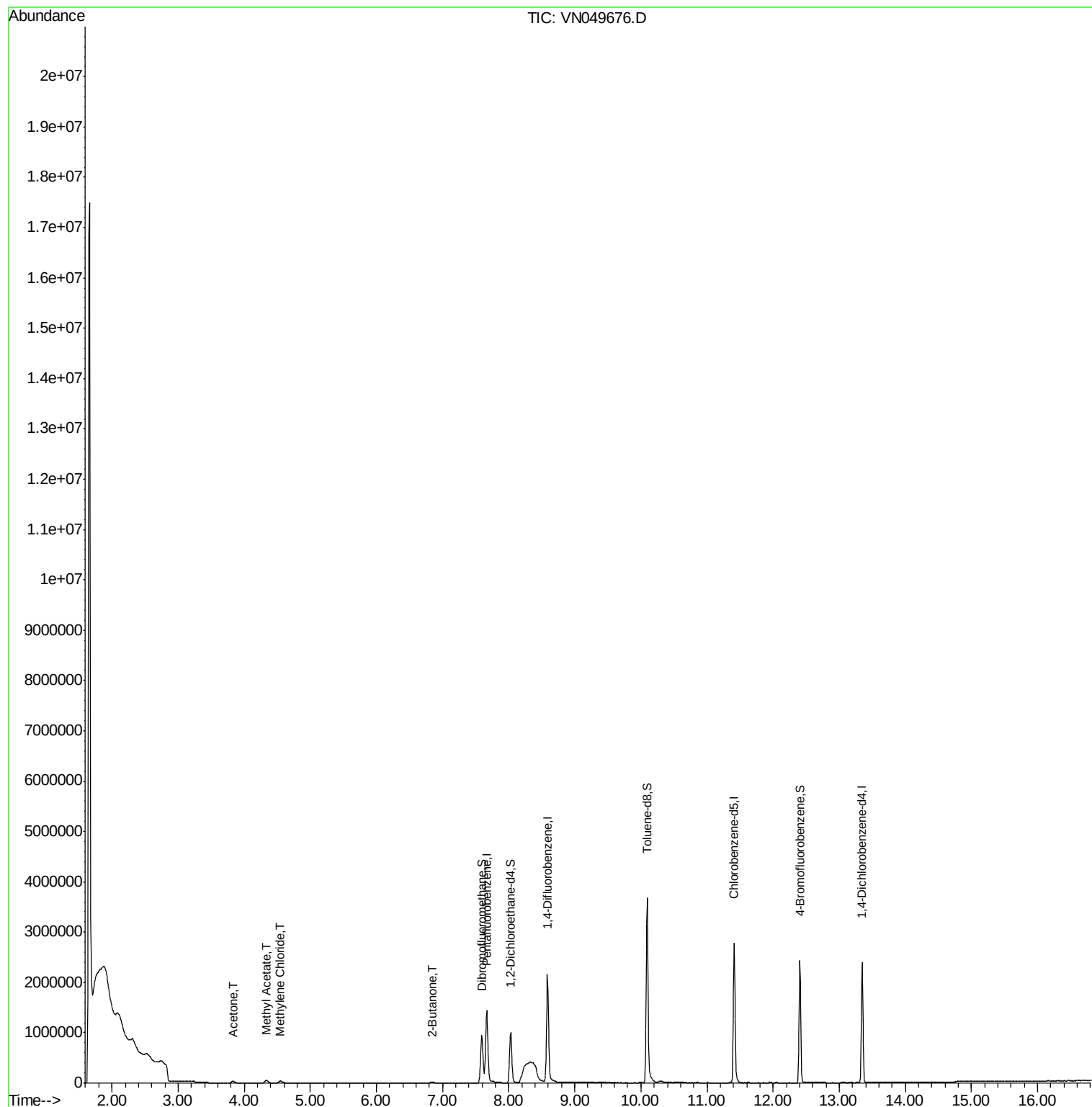
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1289271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2087952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1725347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	687204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	890115	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	7.59	113	734198	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	2801510	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	12.41	95	822051	39.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.82%	
Target Compounds						
16) Acetone	3.83	43	54822	8.31	ug/l	95
18) Methyl Acetate	4.33	43	108563	1.97	ug/l	100
20) Methylene Chloride	4.55	84	32175	1.84	ug/l	95
25) 2-Butanone	6.86	43	10429	1.85	ug/l #	84

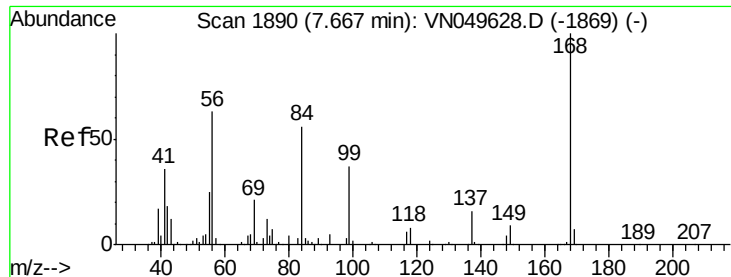
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 03 04:56:20 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# 1891

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

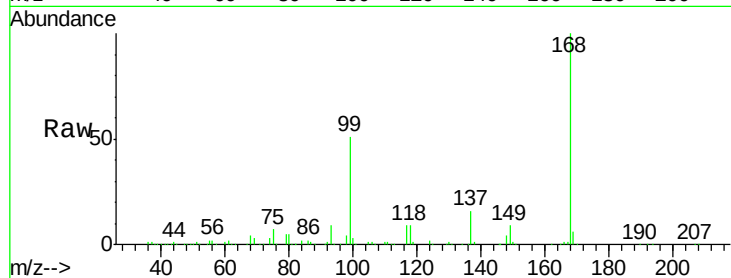
PB110744 ZHE#03

Tot Ion:168 Resp: 1289271

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): VNO

600000

500000

400000

300000

200000

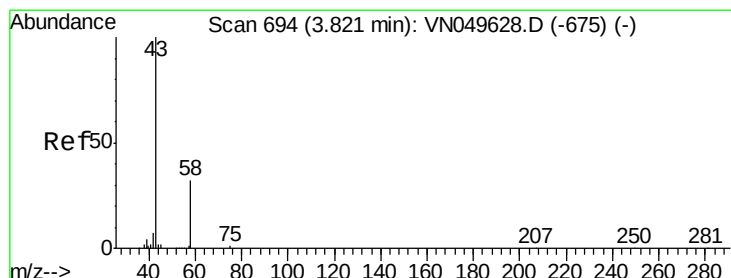
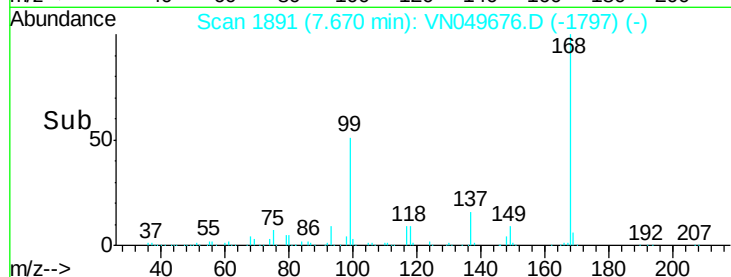
100000

0

7.67

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.31 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049676.D

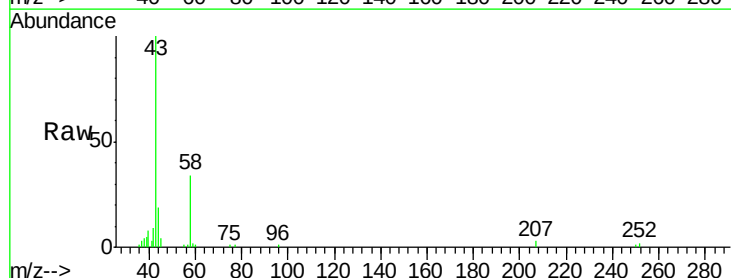
Acq: 2 Jul 2018 18:11

Tgt Ion: 43 Resp: 54822

Ion Ratio Lower Upper

43 100

58 34.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

20000

15000

10000

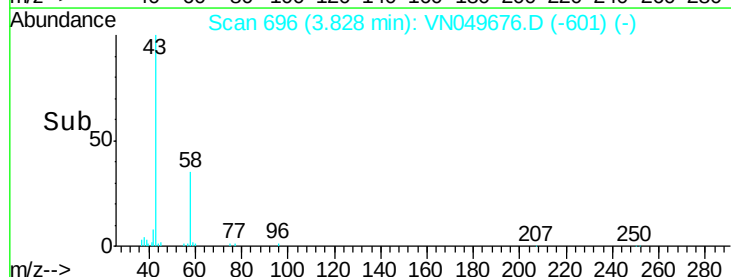
5000

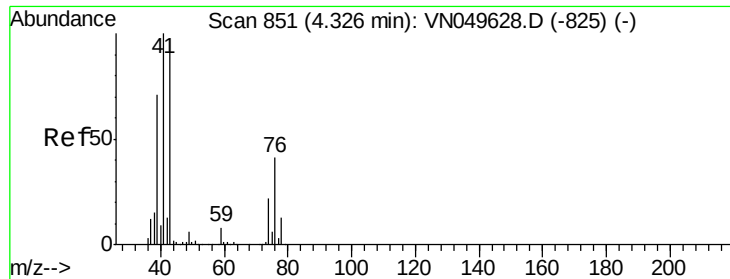
0

3.83

3.70 3.80 3.90

Time-->

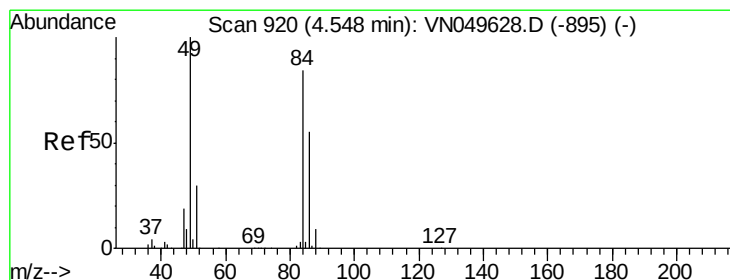
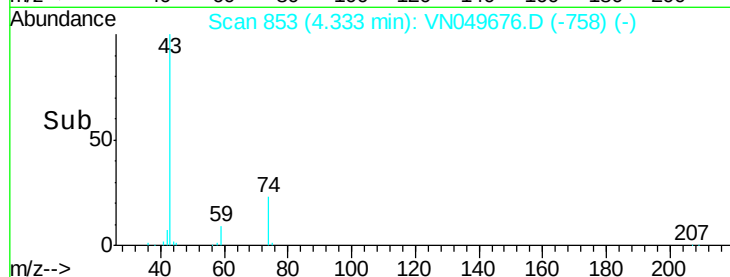
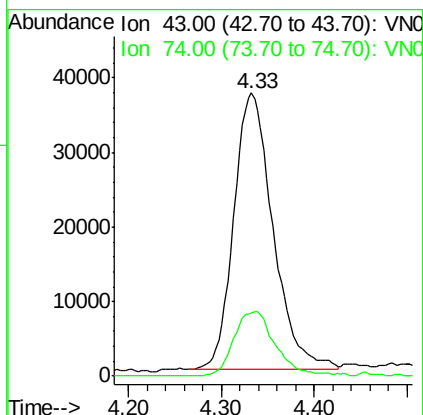
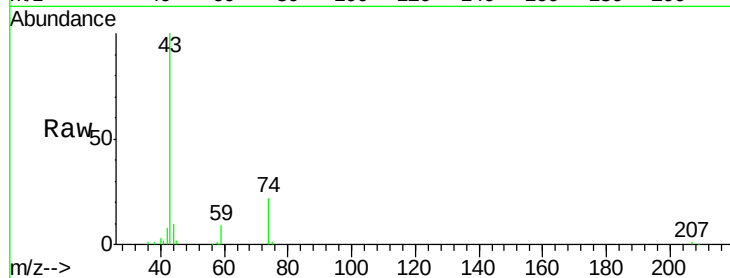




#18
Methvl Acetate
Concen: 1.97 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

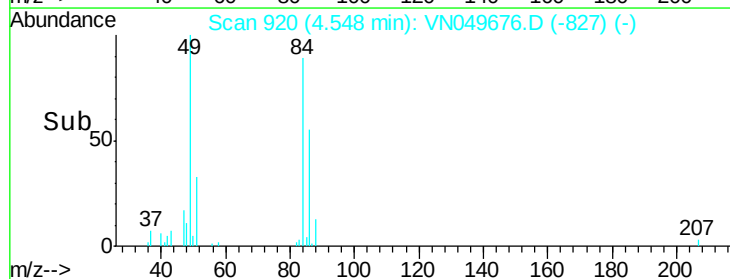
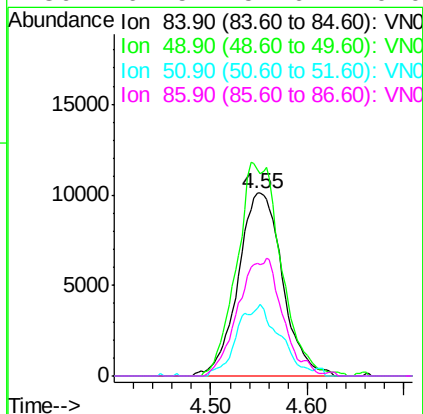
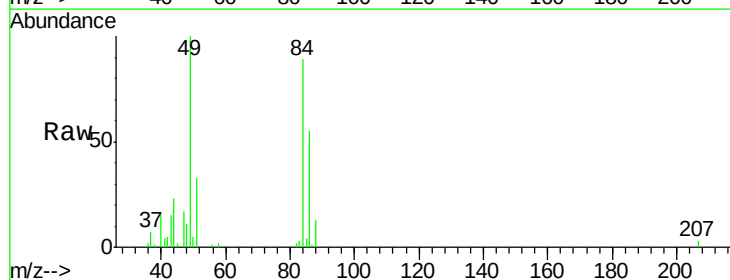
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#03

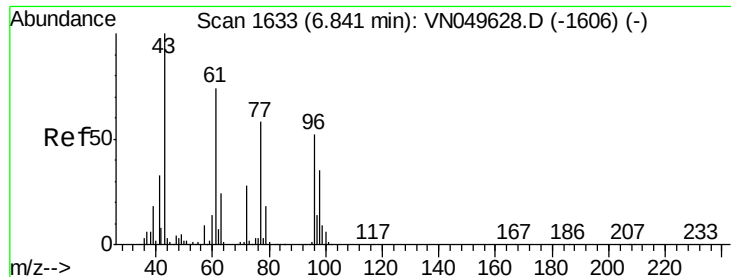
Tot Ion: 43 Resp: 108563
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8



#20
Methylene Chloride
Concen: 1.84 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Tgt Ion: 84 Resp: 32175
Ion Ratio Lower Upper
84 100
49 112.6 95.4 143.2
51 37.0 28.4 42.6
86 61.5 52.6 79.0

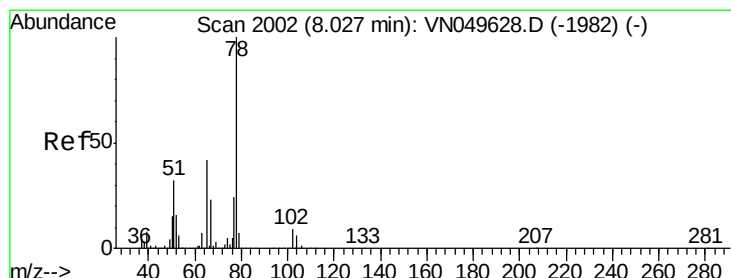
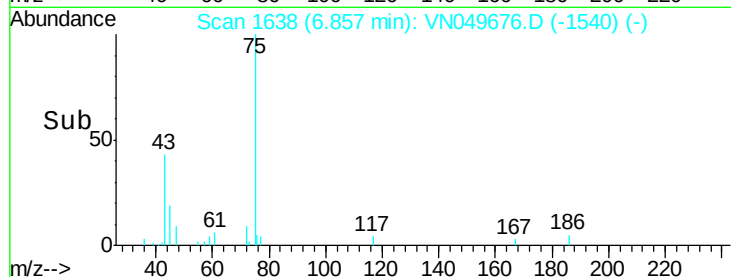
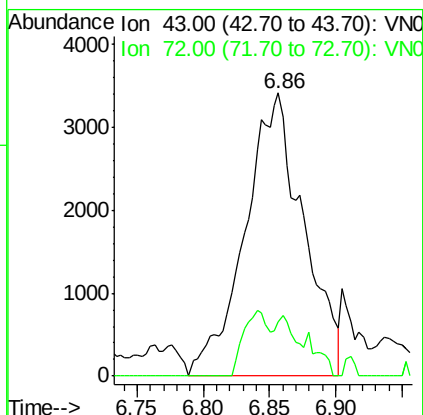
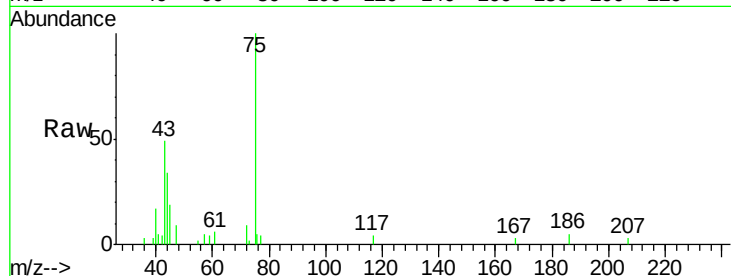




#25
2-Butanone
Concen: 1.85 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

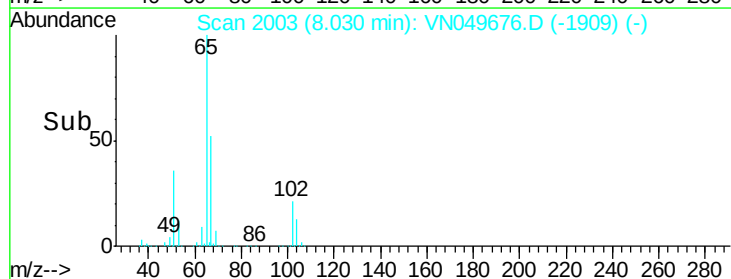
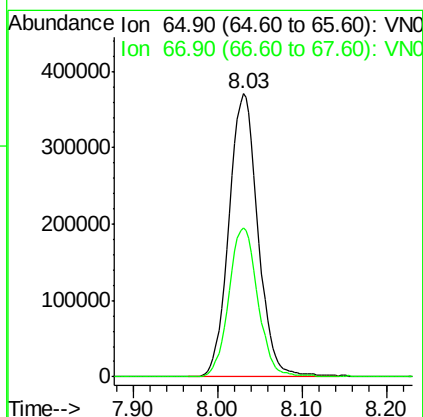
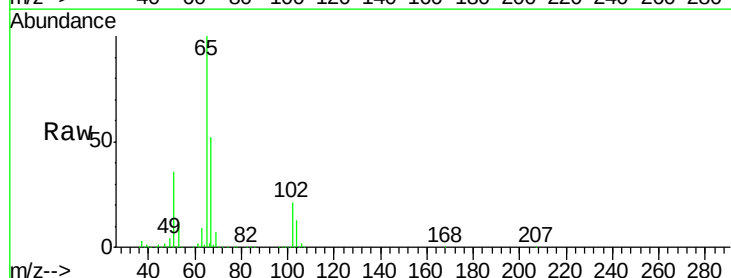
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#03

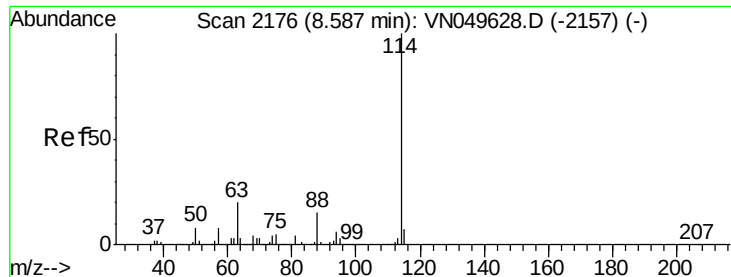
Tot Ion: 43 Resp: 10429
Ion Ratio Lower Upper
43 100
72 19.1 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 52.28 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Tgt Ion: 65 Resp: 890115
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.2

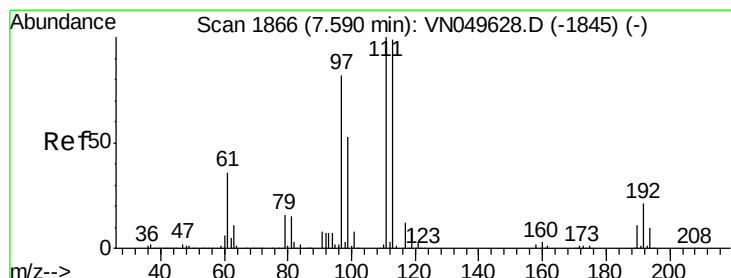
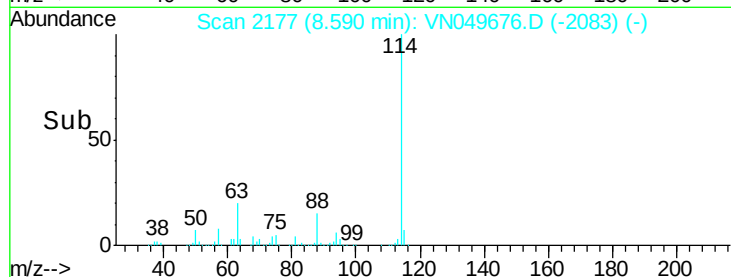
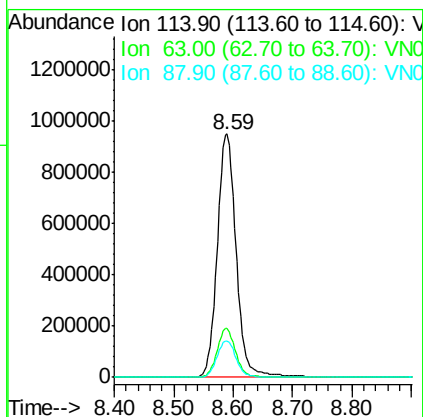
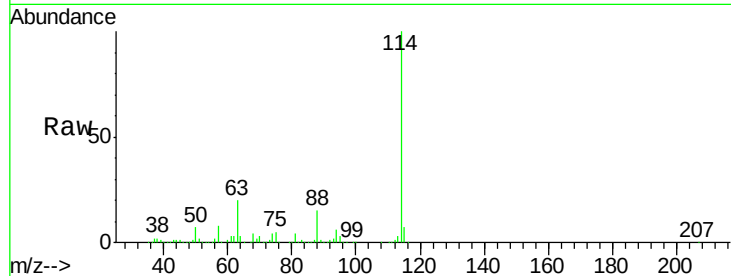




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

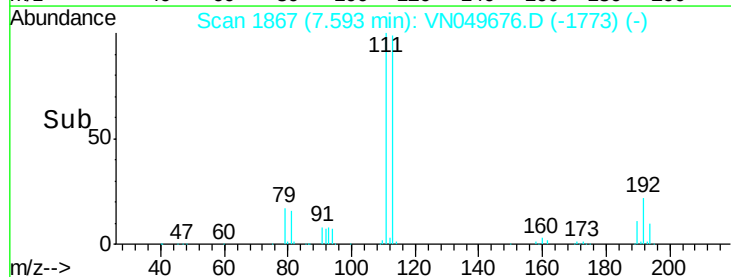
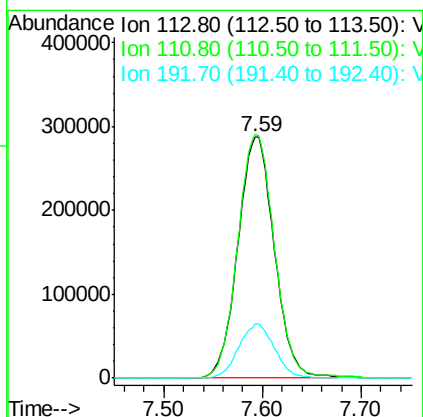
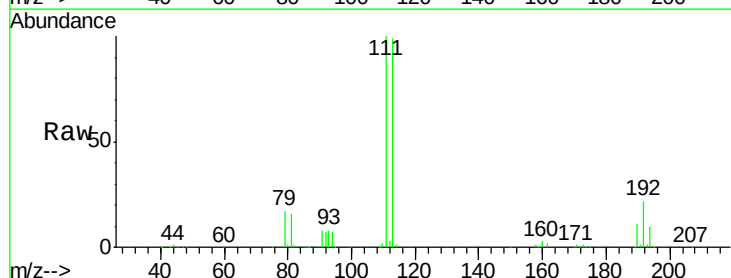
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#03

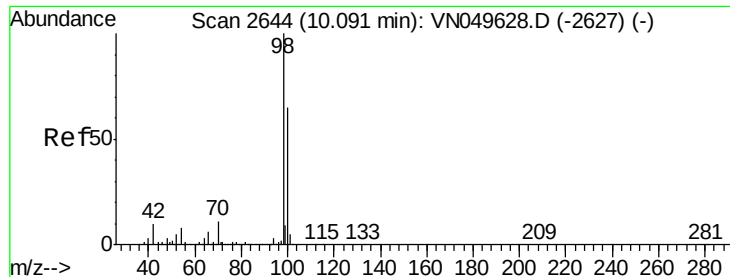
Tot Ion:114 Resp: 2087952
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.8
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.03 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Tgt Ion:113 Resp: 734198
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 22.2 17.8 26.6

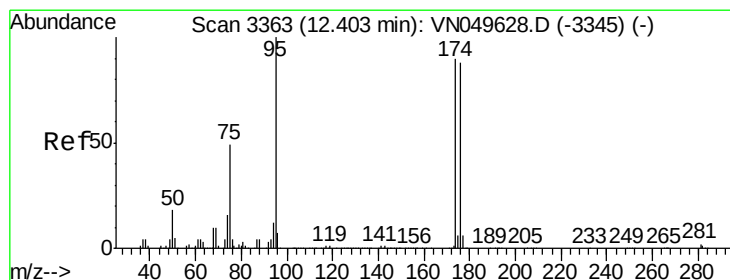
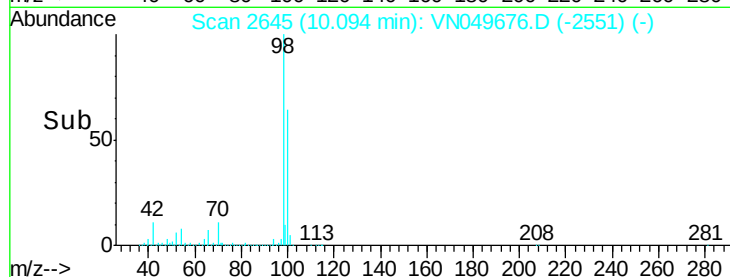
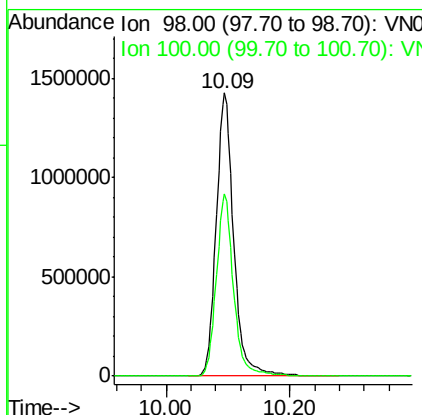
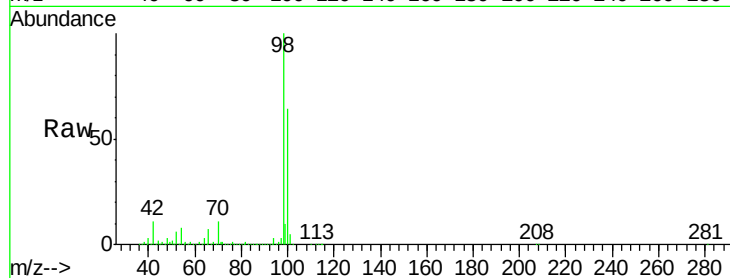




#50
Toluene-d8
Concen: 45.85 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

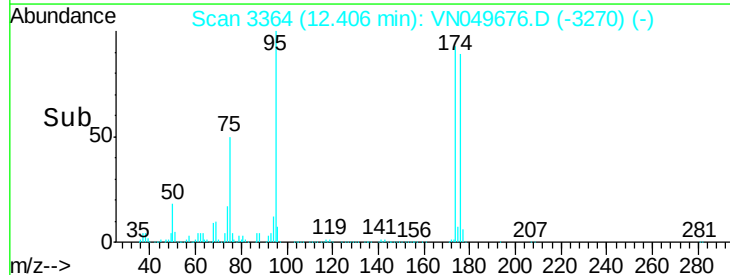
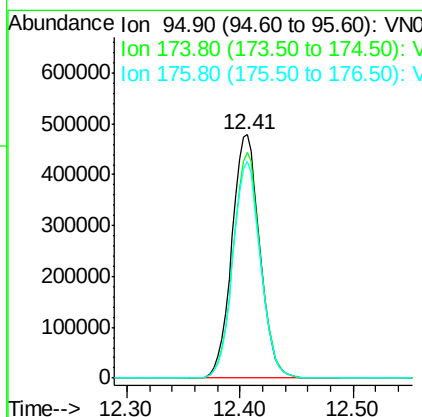
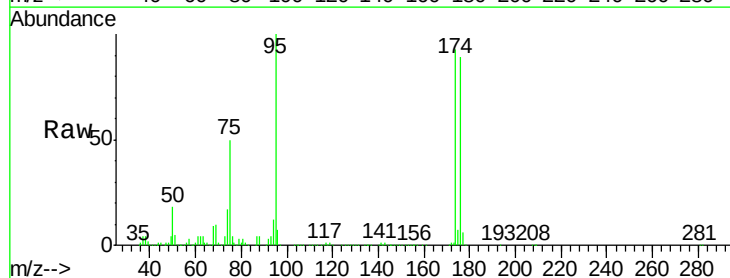
Instrument :
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ClientSampleId :
PB110744 ZHE#03

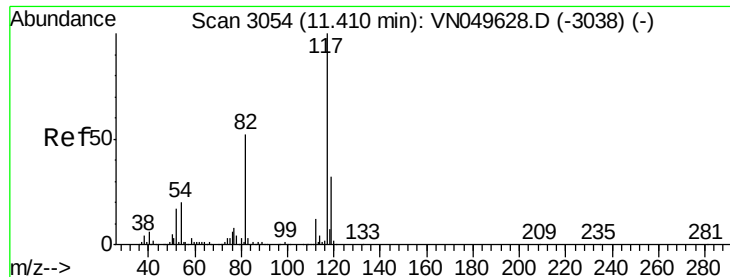
Tot Ion: 98 Resp: 2801510
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 39.41 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Tgt Ion: 95 Resp: 822051
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.6
176 87.6 0.0 174.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#03

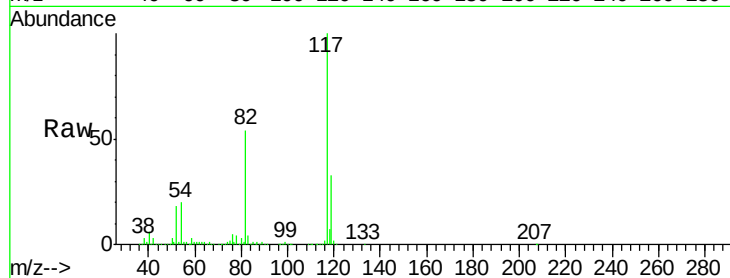
Tot Ion:117 Resp: 1725347

Ion Ratio Lower Upper

117 100

82 54.1 41.9 62.9

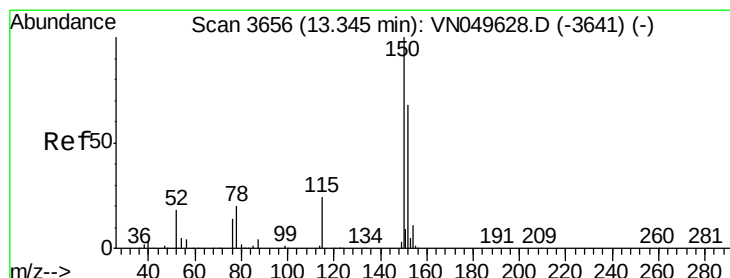
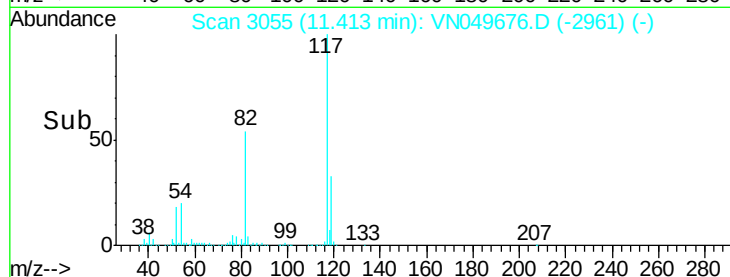
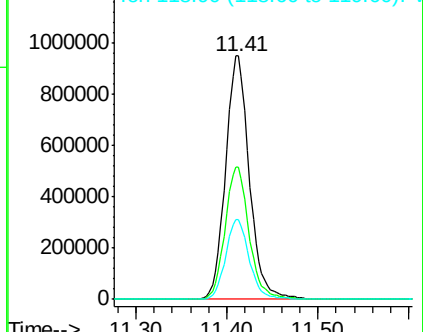
119 32.7 25.4 38.2



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: VN049676.D

Acq: 2 Jul 2018 18:11

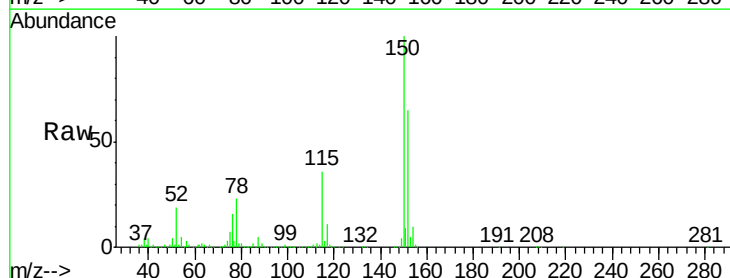
Tgt Ion:152 Resp: 687204

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

150 155.6 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

