

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049677.D
 Acq On : 2 Jul 2018 18:37
 Operator : MD\SY
 Sample : PB110744 ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#04

Quant Time: Jul 03 04:59:02 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	1264676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2071559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1718133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	675836	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	873349	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
35) Dibromofluoromethane	7.59	113	726295	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
50) Toluene-d8	10.09	98	2759123	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
62) 4-Bromofluorobenzene	12.41	95	821740	39.70	ug/l	0.00
Spiked Amount			Recovery	=	79.40%	

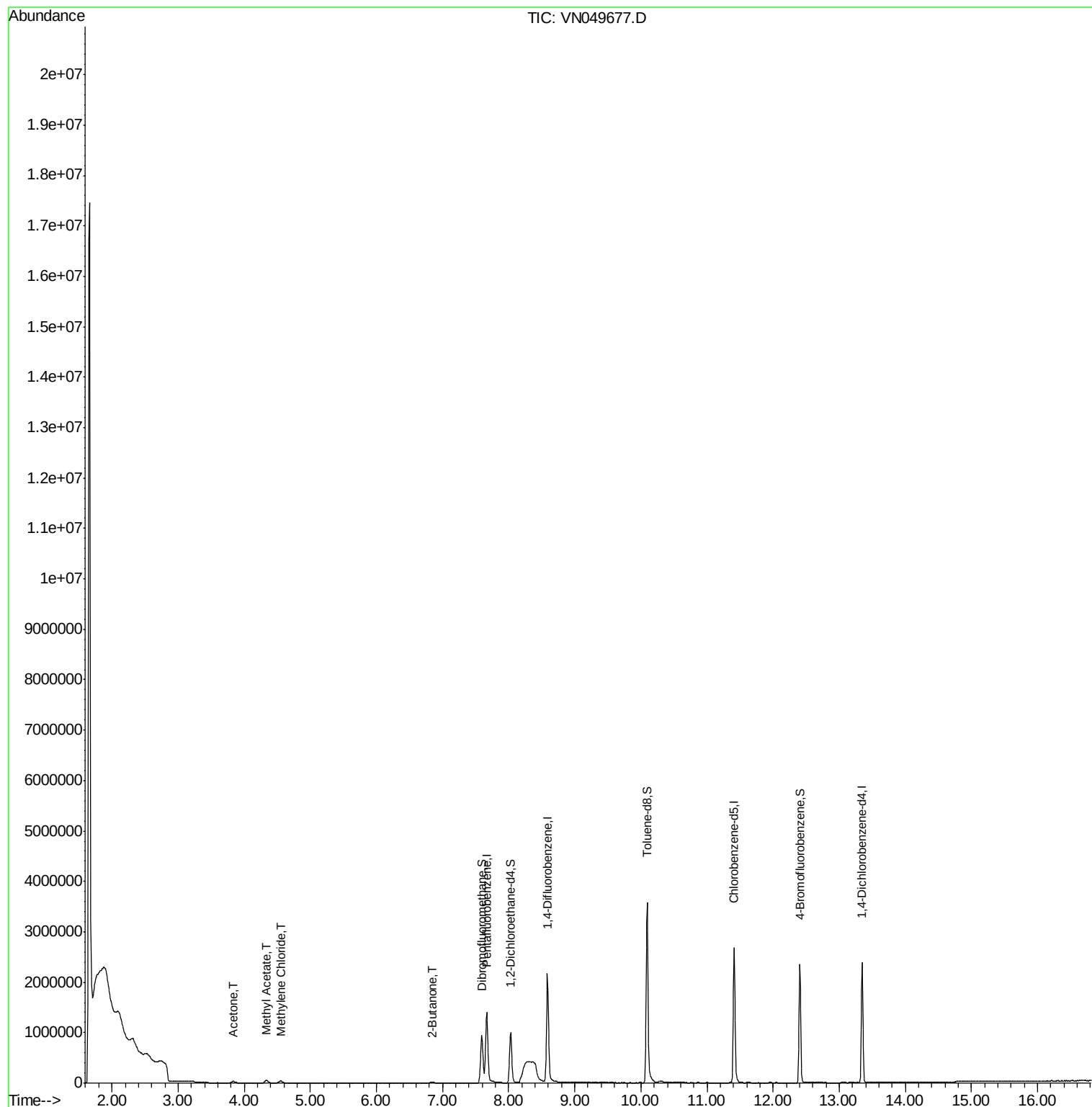
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	54284	8.46	ug/l	99
18) Methyl Acetate	4.33	43	103163	1.71	ug/l	99
20) Methylene Chloride	4.55	84	31290	1.82	ug/l	92
25) 2-Butanone	6.85	43	10801	1.95	ug/l	93

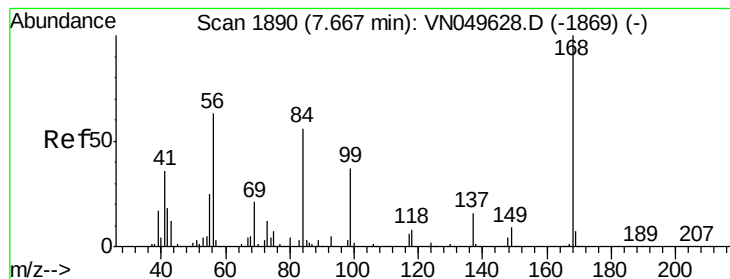
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049677.D

Acq: 2 Jul 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

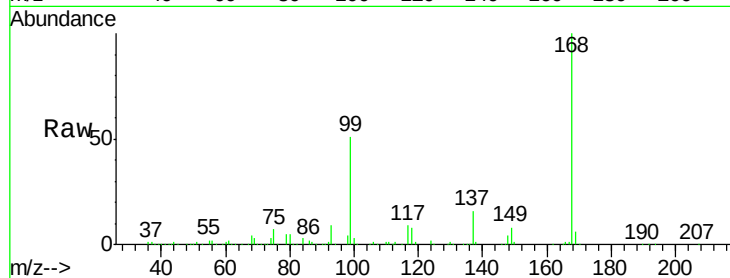
PB110744 ZHE#04

Tot Ion:168 Resp: 1264676

Ion Ratio Lower Upper

168 100

99 50.8 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

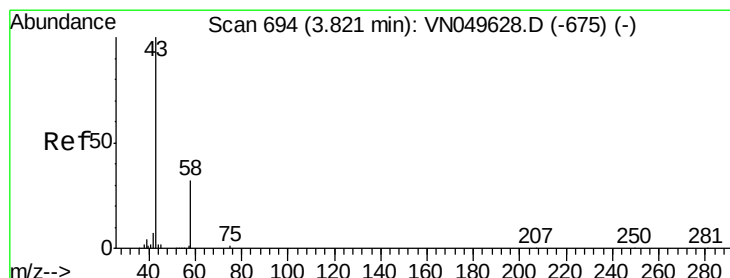
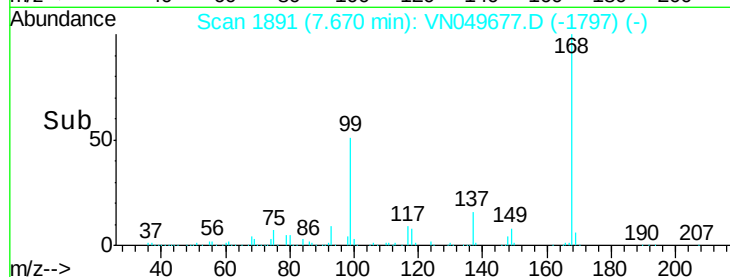
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.46 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049677.D

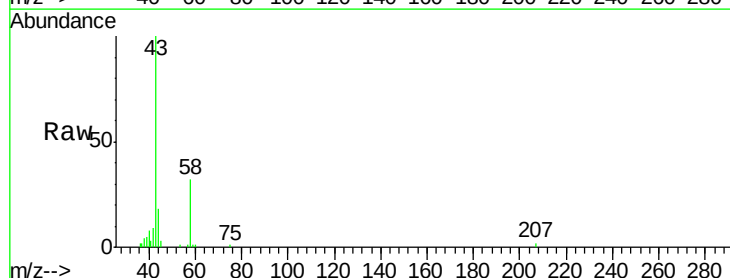
Acq: 2 Jul 2018 18:37

Tgt Ion: 43 Resp: 54284

Ion Ratio Lower Upper

43 100

58 32.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

20000

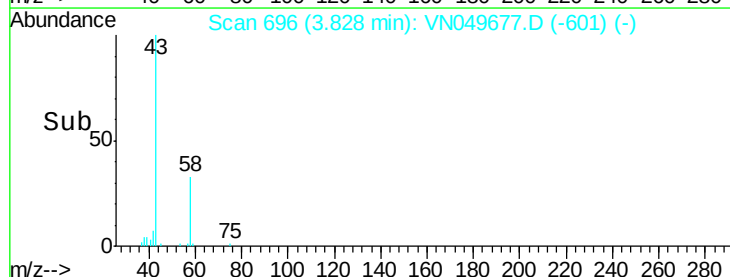
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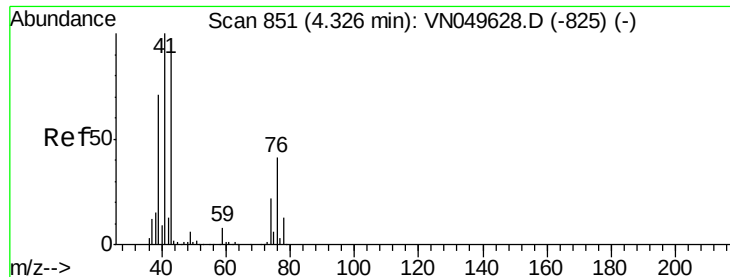
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5000

0

Time-->

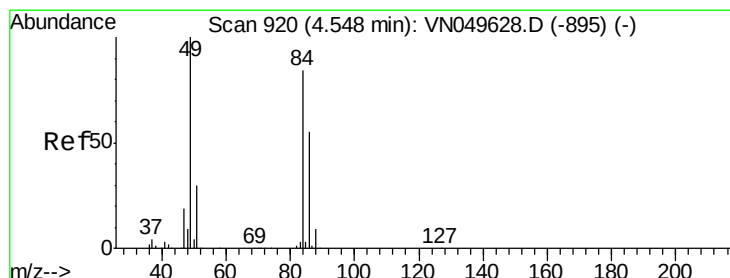
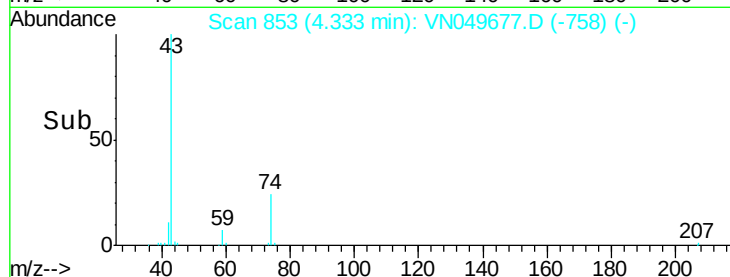
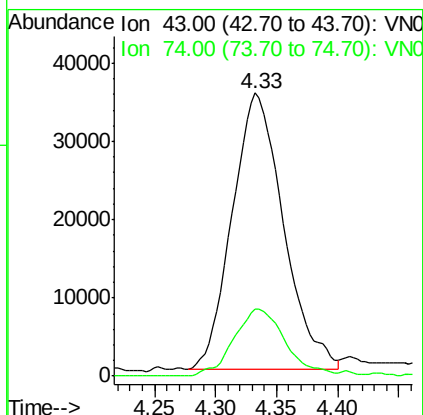
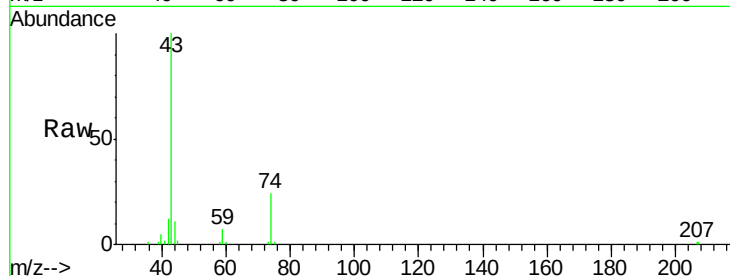




#18
Methvl Acetate
Concen: 1.71 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049677.D
Acq: 2 Jul 2018 18:37

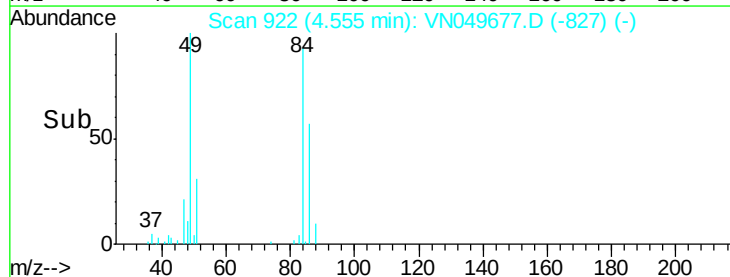
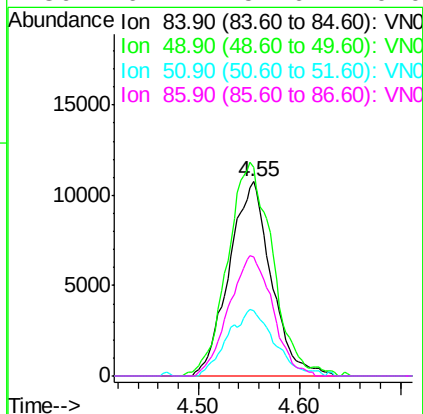
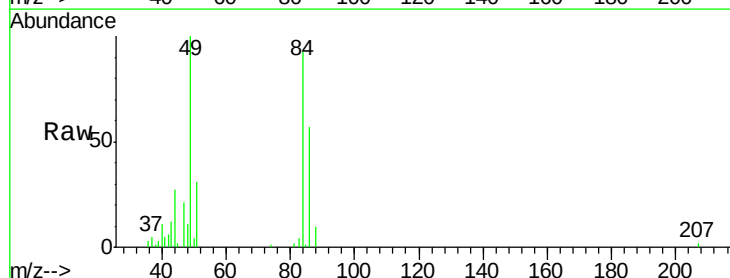
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#04

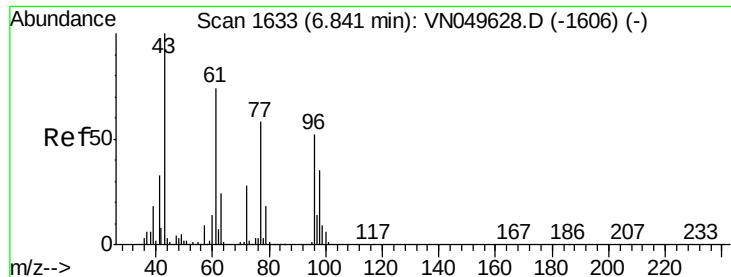
Tot Ion: 43 Resp: 103163
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8



#20
Methylene Chloride
Concen: 1.82 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049677.D
Acq: 2 Jul 2018 18:37

Tgt Ion: 84 Resp: 31290
Ion Ratio Lower Upper
84 100
49 107.7 95.4 143.2
51 33.6 28.4 42.6
86 61.1 52.6 79.0

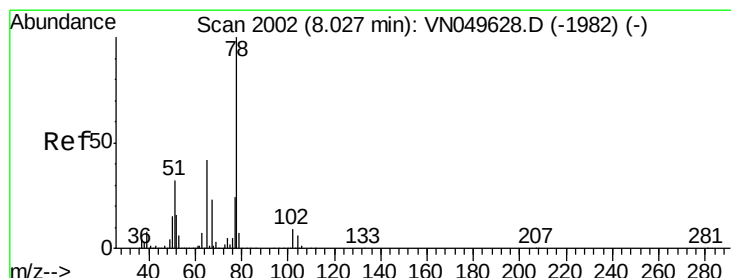
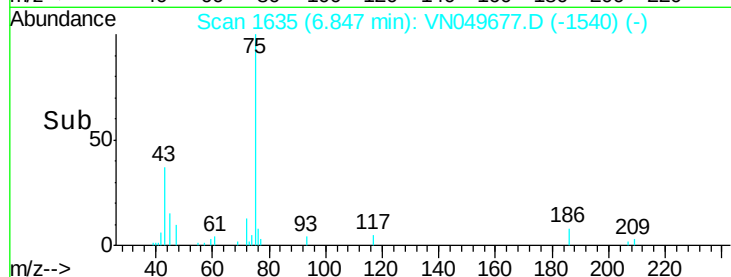
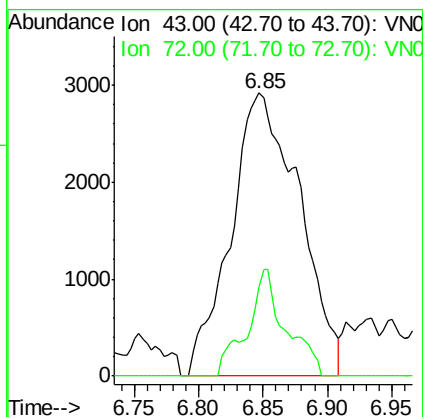
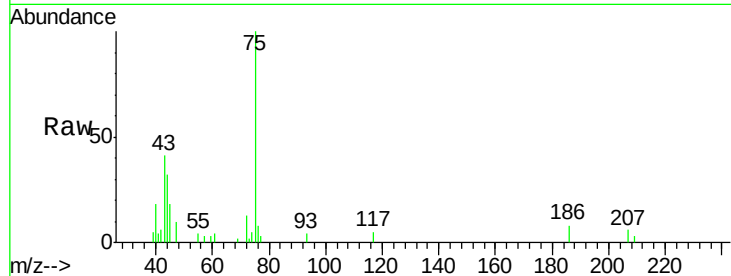




#25
2-Butanone
Concen: 1.95 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049677.D
Acq: 2 Jul 2018 18:37

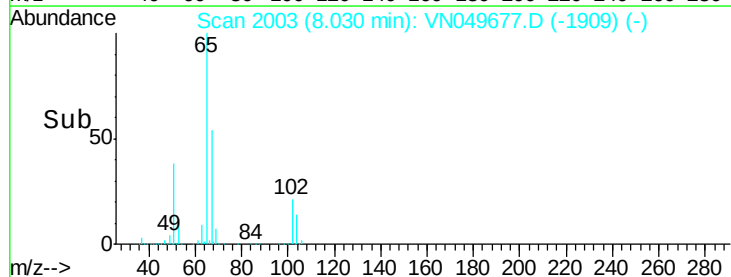
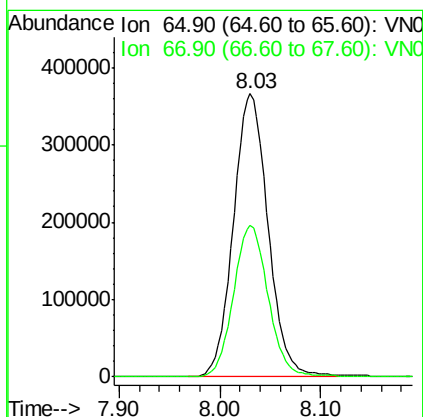
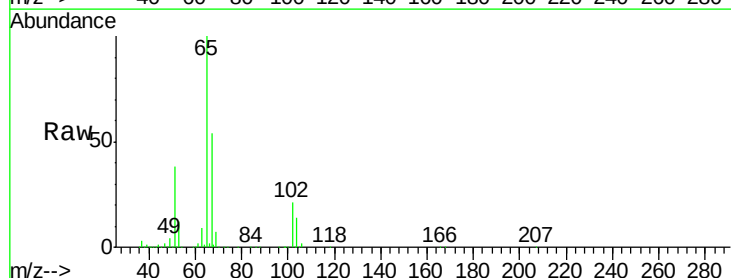
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#04

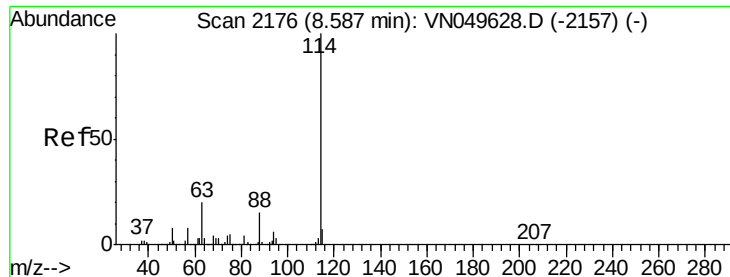
Tot Ion: 43 Resp: 10801
Ion Ratio Lower Upper
43 100
72 31.2 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 52.29 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049677.D
Acq: 2 Jul 2018 18:37

Tgt Ion: 65 Resp: 873349
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.2

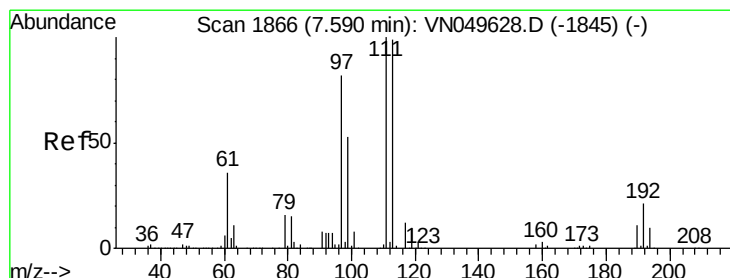
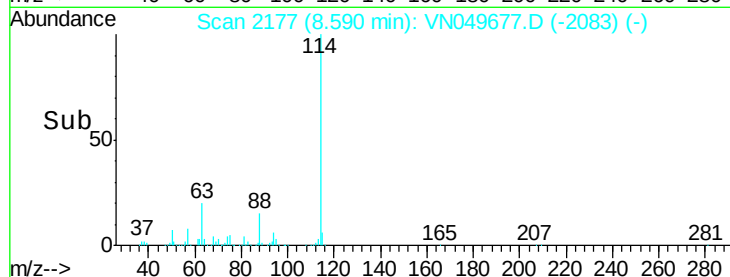
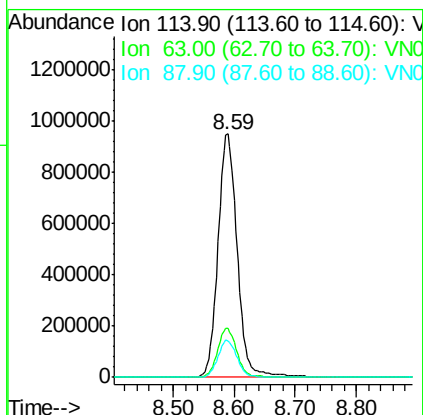
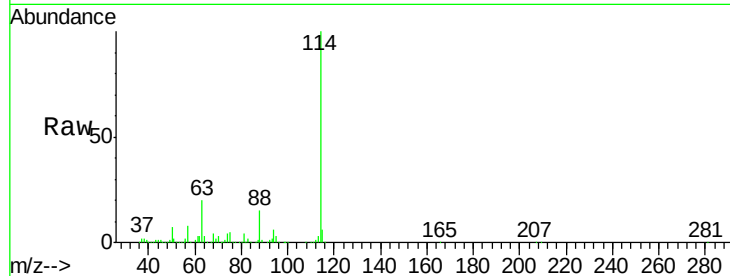




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049677.D
 Acq: 2 Jul 2018 18:37

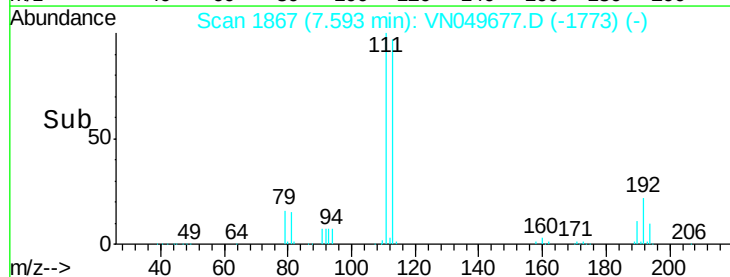
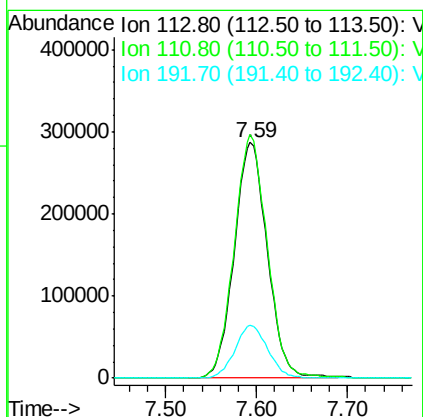
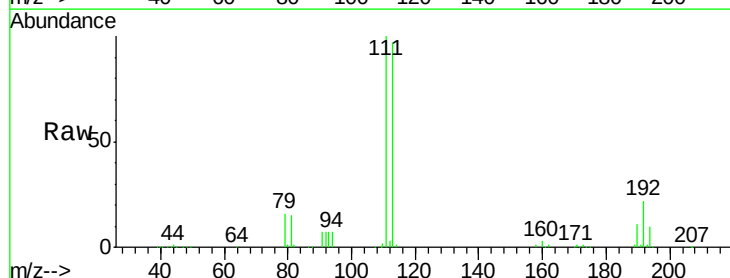
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#04

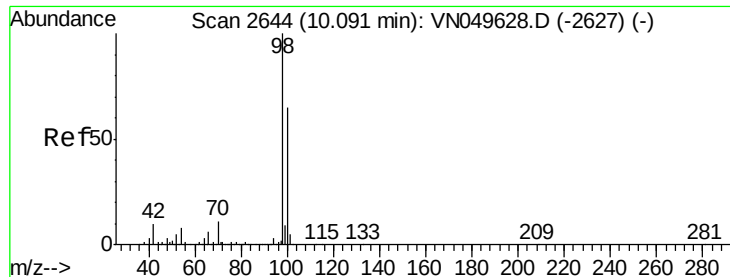
Tot Ion:114 Resp: 2071559
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.1 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 46.90 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049677.D
 Acq: 2 Jul 2018 18:37

Tgt Ion:113 Resp: 726295
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 22.3 17.8 26.6





#50

Toluene-d8

Concen: 45.52 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049677.D

Acq: 2 Jul 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

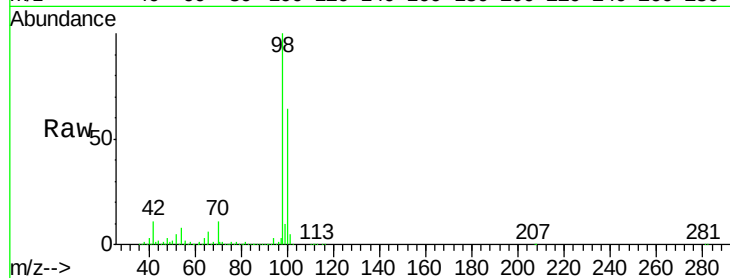
PB110744 ZHE#04

Tot Ion: 98 Resp: 2759123

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



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

Ion 100.00 (99.70 to 100.70): VN049628.D (-2627) (-)

10.09

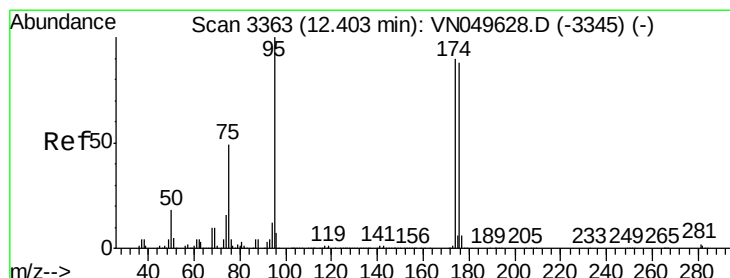
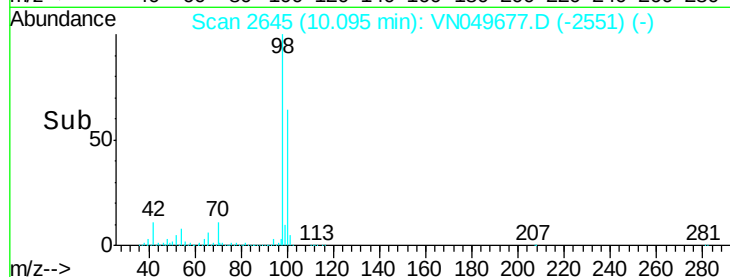
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.70 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049677.D

Acq: 2 Jul 2018 18:37

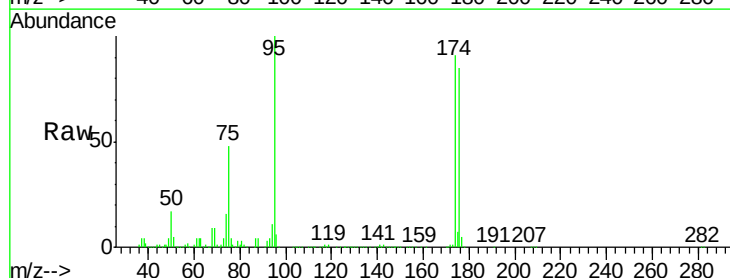
Tgt Ion: 95 Resp: 821740

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

176 85.8 0.0 174.0



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

Ion 173.80 (173.50 to 174.50): VN049628.D (-3345) (-)

Ion 175.80 (175.50 to 176.50): VN049628.D (-3345) (-)

12.41

600000

500000

400000

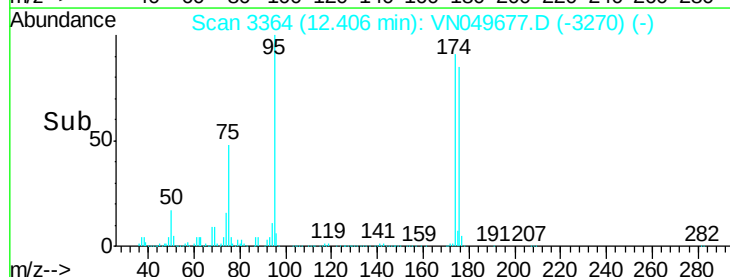
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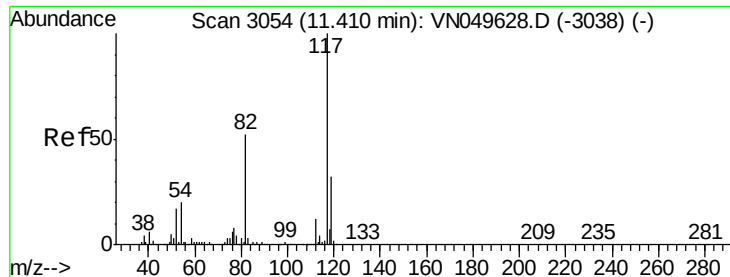
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049677.D

Acq: 2 Jul 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#04

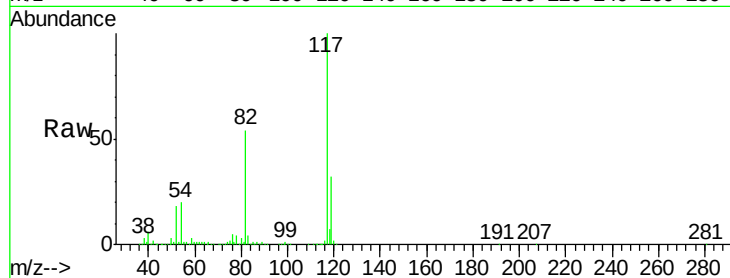
Tot Ion:117 Resp: 1718133

Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.9	62.9
119	31.6	25.4	38.2

117 100

82 54.0 41.9 62.9

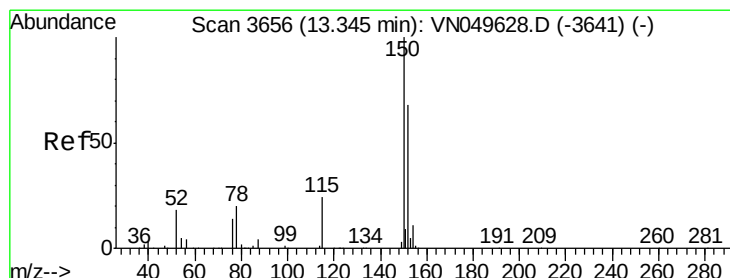
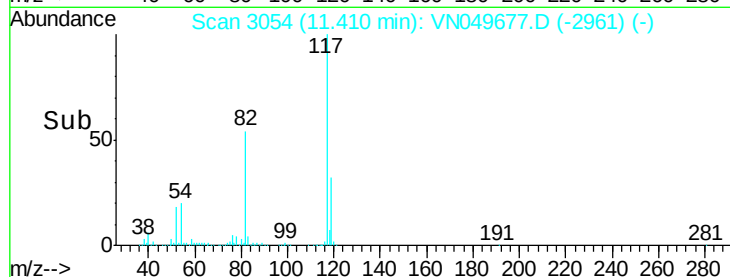
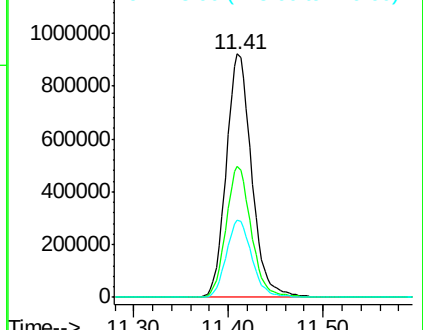
119 31.6 25.4 38.2



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# 3656

Delta R.T. 0.00 min

Lab File: VN049677.D

Acq: 2 Jul 2018 18:37

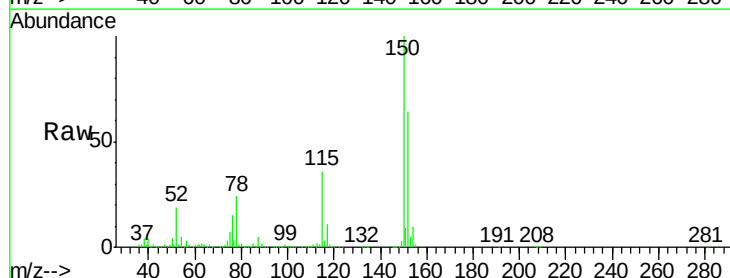
Tgt Ion:152 Resp: 675836

Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.1	84.2
150	156.4	0.0	347.6

152 100

115 55.7 28.1 84.2

150 156.4 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

