

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049673.D
 Acq On : 2 Jul 2018 16:53
 Operator : MD\SY
 Sample : PB110744TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744TB

Quant Time: Jul 03 04:47:57 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	1402358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2229854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1900026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	747582	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	938111	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
35) Dibromofluoromethane	7.59	113	778330	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
50) Toluene-d8	10.09	98	3031971	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.40	95	908341	40.77	ug/l	0.00
Spiked Amount			Recovery	=	81.54%	

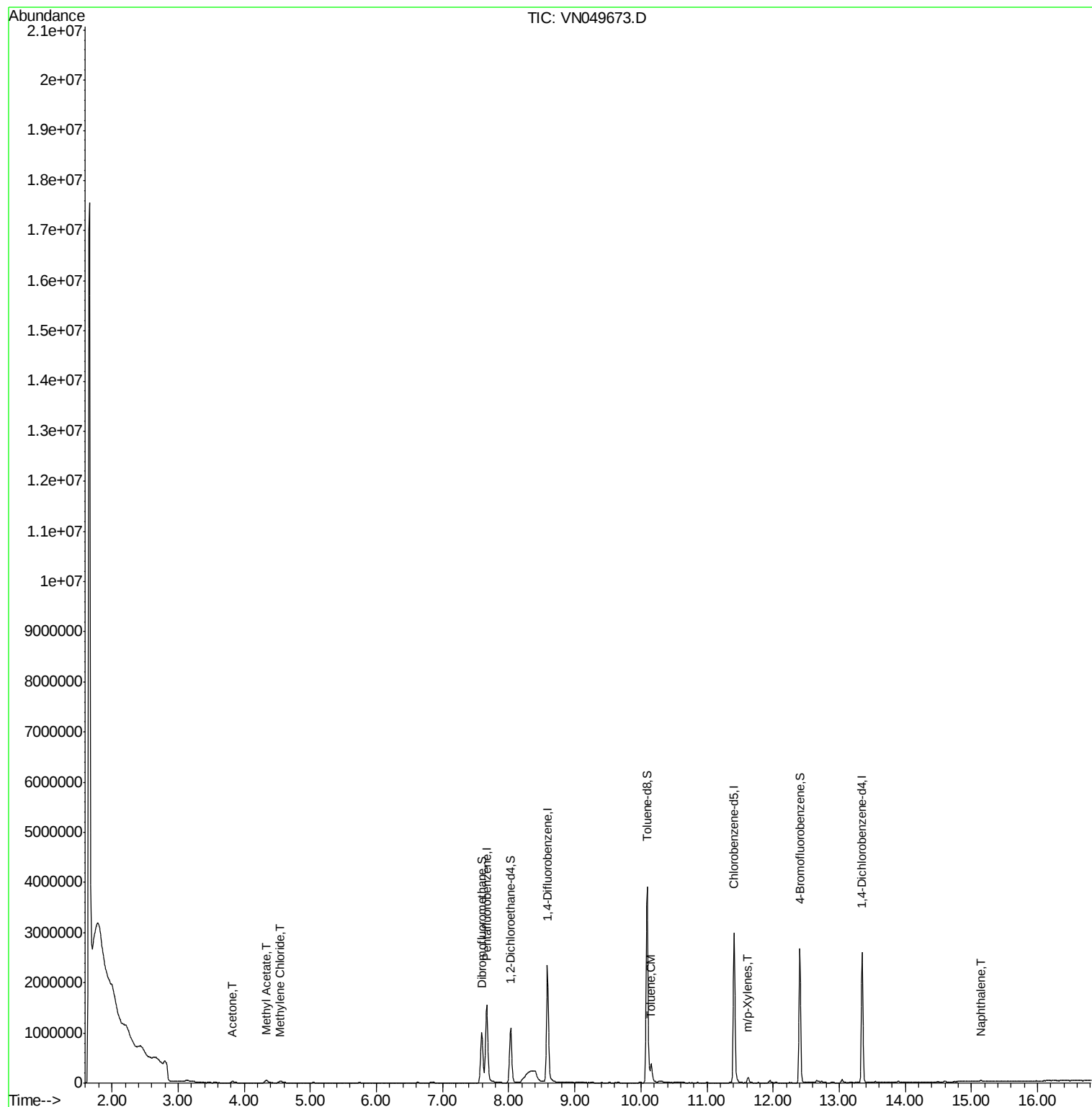
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	51051	5.93	ug/l	94
18) Methyl Acetate	4.34	43	110612	1.45	ug/l	97
20) Methylene Chloride	4.55	84	20379	1.07	ug/l	95
52) Toluene	10.16	92	140403	3.03	ug/l	98
68) m/p-Xylenes	11.62	106	35781	1.14	ug/l	96
95) Naphthalene	15.14	128	17091	4.56	ug/l #	94

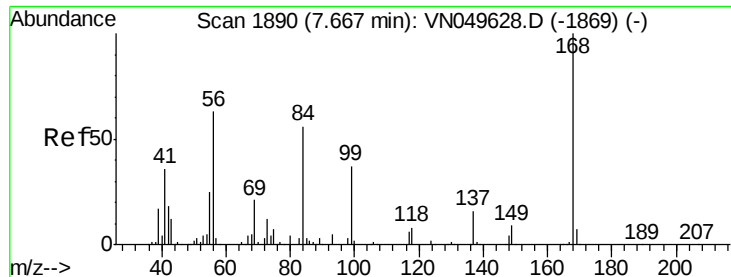
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 03 04:47:57 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: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

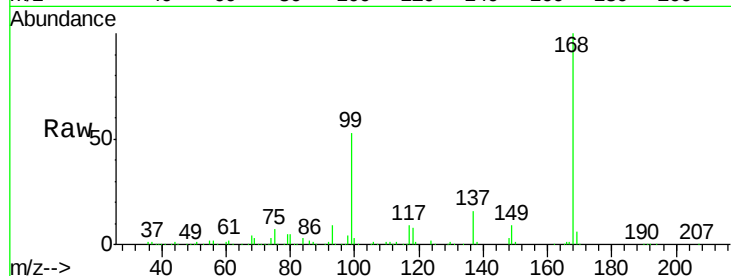
PB110744TB

Tot Ion:168 Resp: 1402358

Ion Ratio Lower Upper

168 100

99 52.6 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

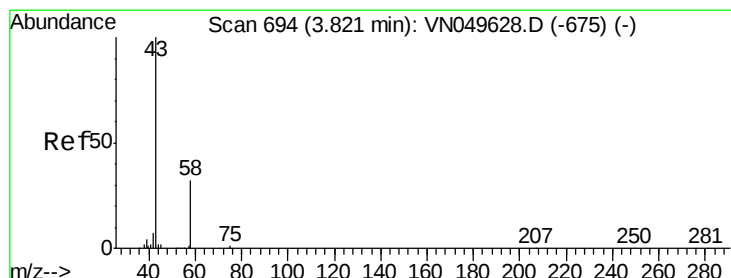
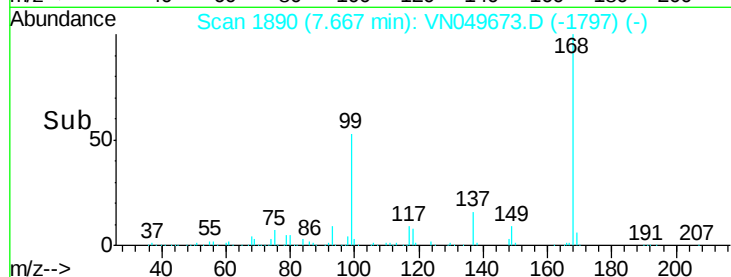
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.93 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049673.D

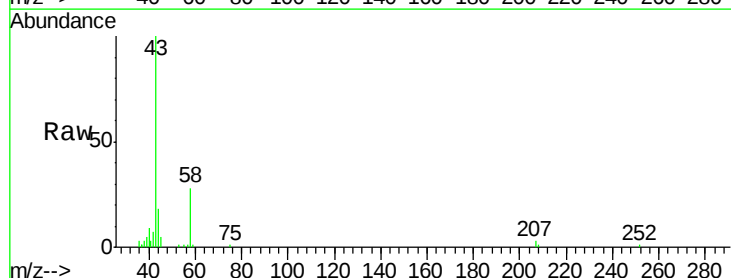
Acq: 2 Jul 2018 16:53

Tgt Ion: 43 Resp: 51051

Ion Ratio Lower Upper

43 100

58 29.2 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

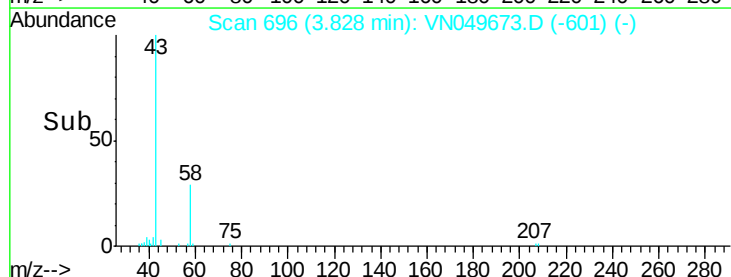
15000

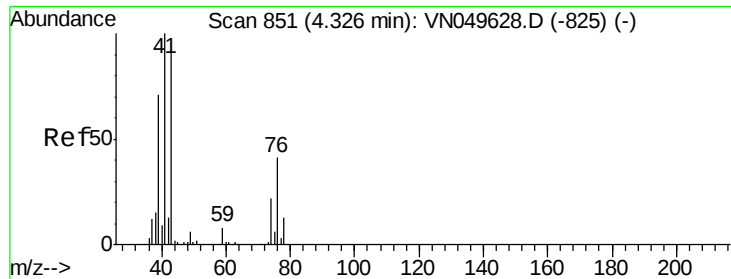
10000

5000

0

Time-->

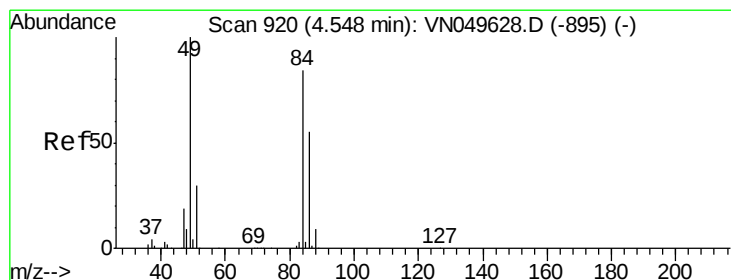
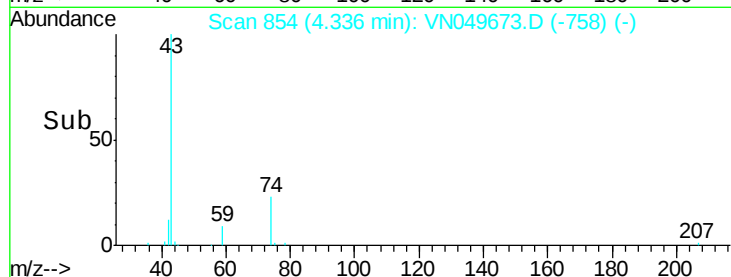
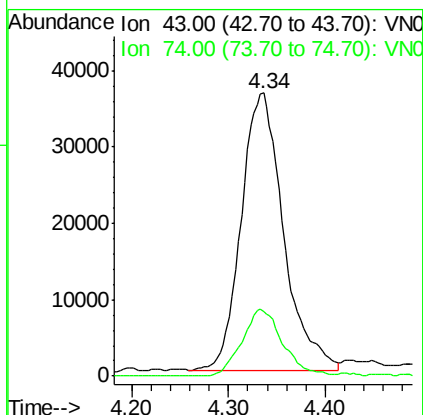
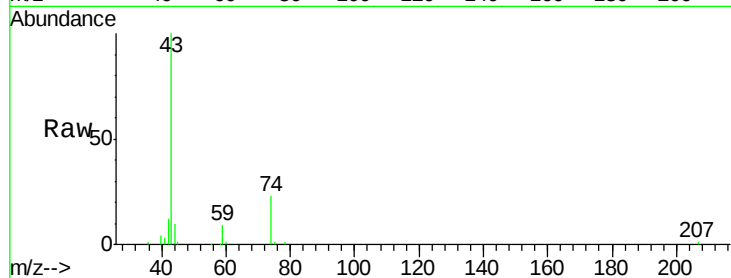




#18
Methvl Acetate
Concen: 1.45 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

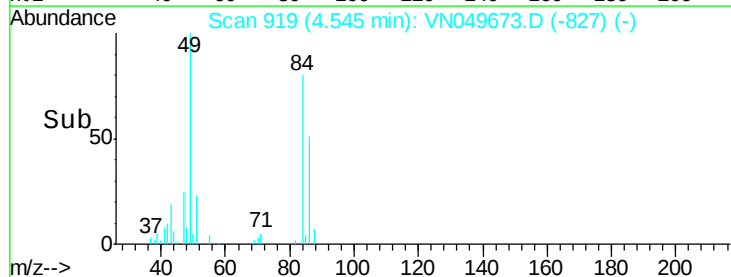
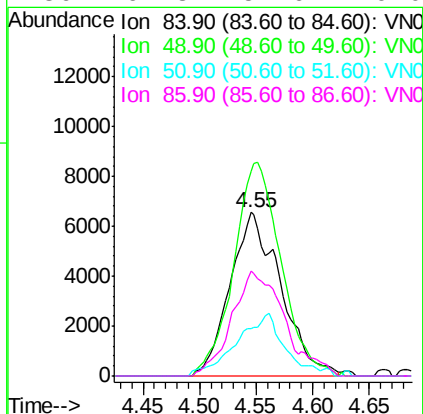
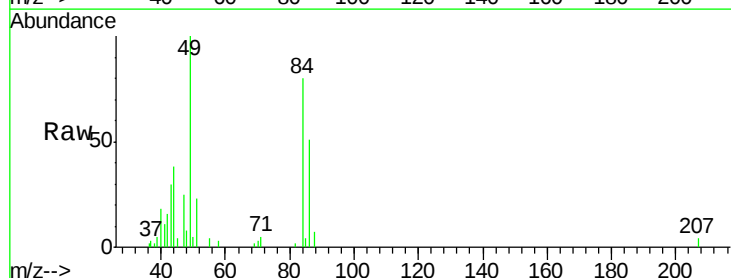
Instrument :
MSVOA_N
ClientSampled :
PB110744TB

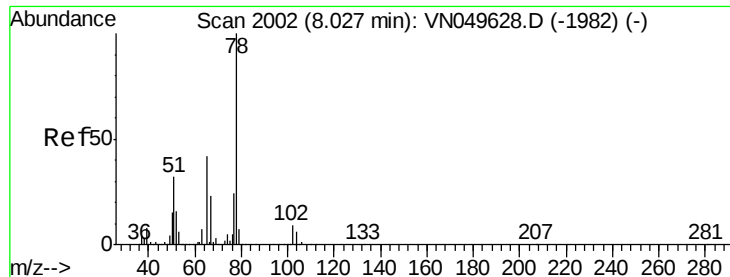
Tot Ion: 43 Resp: 110612
Ion Ratio Lower Upper
43 100
74 23.2 19.8 29.8



#20
Methylene Chloride
Concen: 1.07 ug/l
RT: 4.55 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Tgt Ion: 84 Resp: 20379
Ion Ratio Lower Upper
84 100
49 125.0 95.4 143.2
51 29.2 28.4 42.6
86 64.3 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 50.66 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

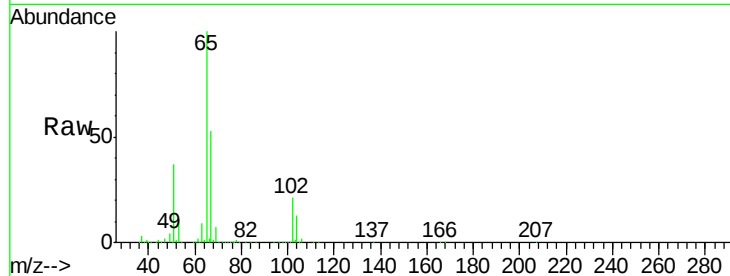
PB110744TB

Tot Ion: 65 Resp: 938111

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049628.D (-1982) (-)

Ion 66.90 (66.60 to 67.60): VN049628.D (-1982) (-)

8.03

400000

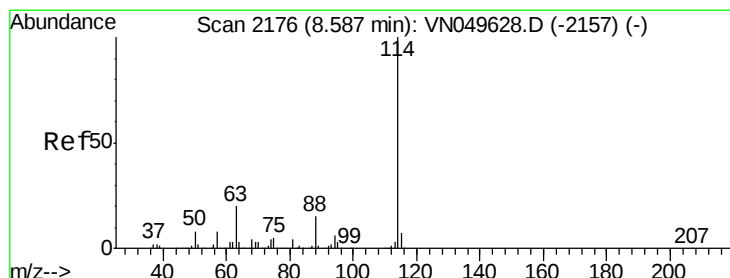
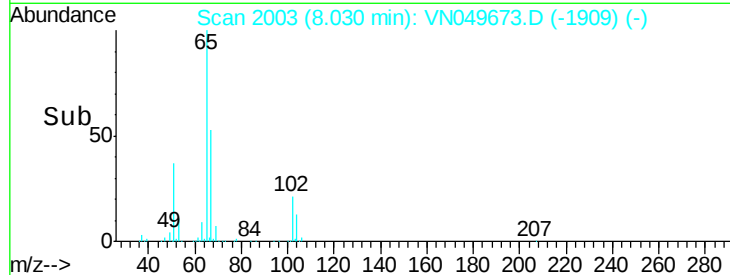
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

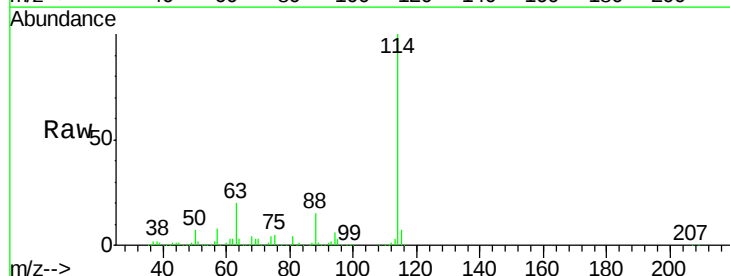
Tgt Ion: 114 Resp: 2229854

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049628.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN049628.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN049628.D (-2157) (-)

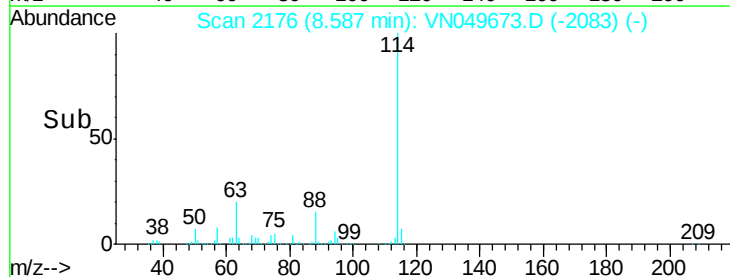
8.59

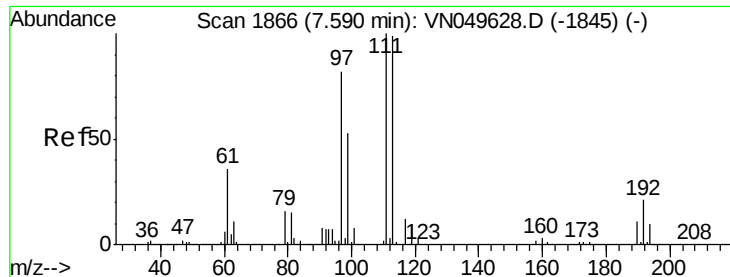
1000000

500000

0

Time-->

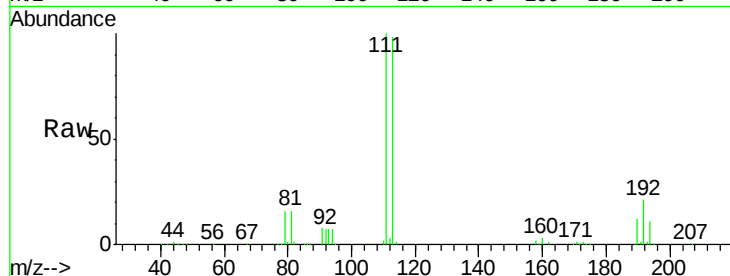




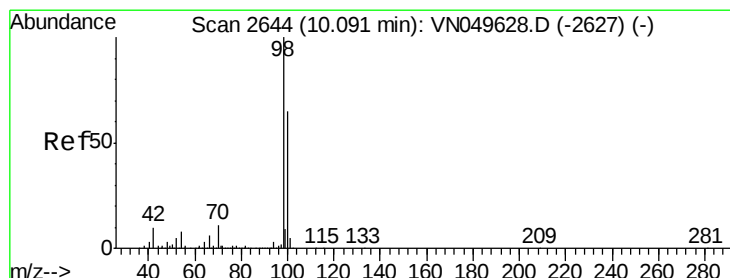
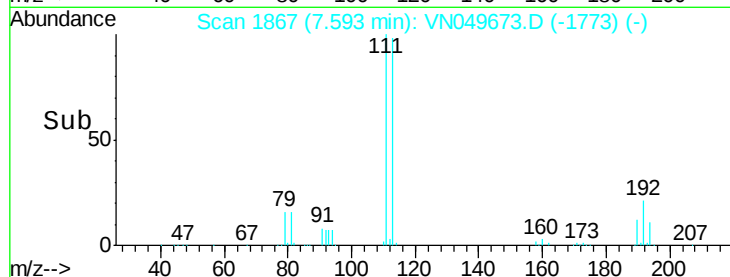
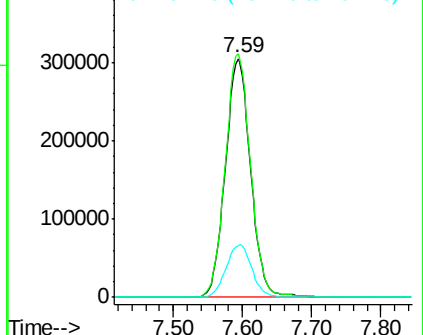
#35
Dibromofluoromethane
Concen: 46.69 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Instrument :
MSVOA_N
ClientSampleId :
PB110744TB

Tot Ion:113 Resp: 778330
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 22.4 17.8 26.6

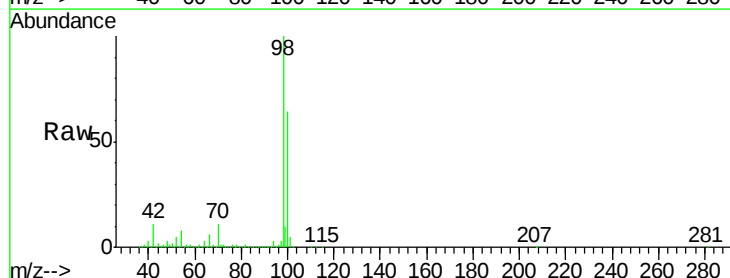


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

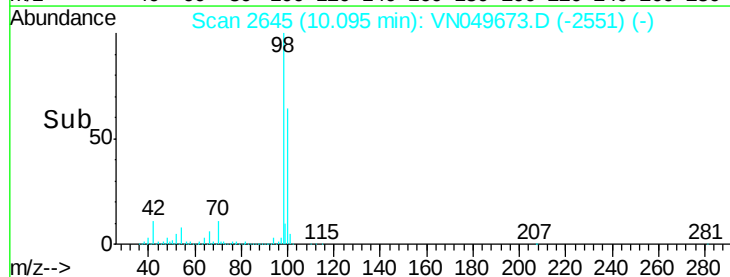
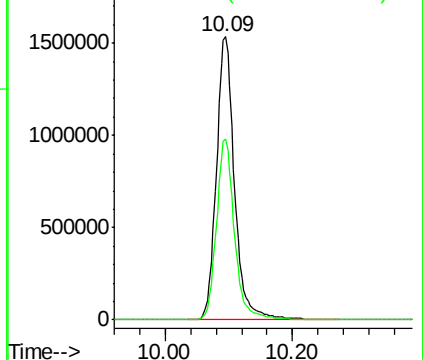


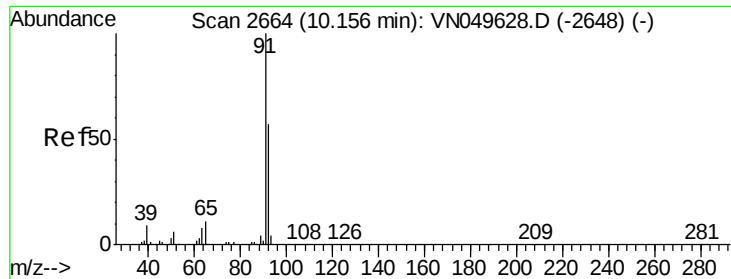
#50
Toluene-d8
Concen: 46.47 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Tgt Ion: 98 Resp: 3031971
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 3.03 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

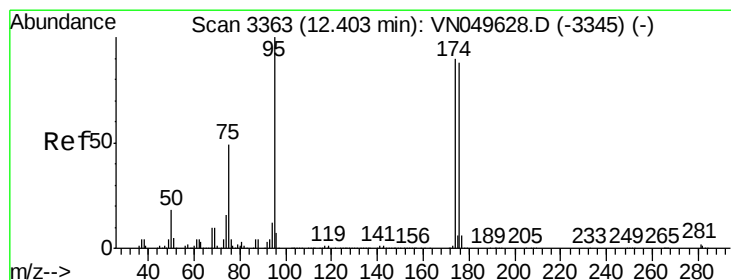
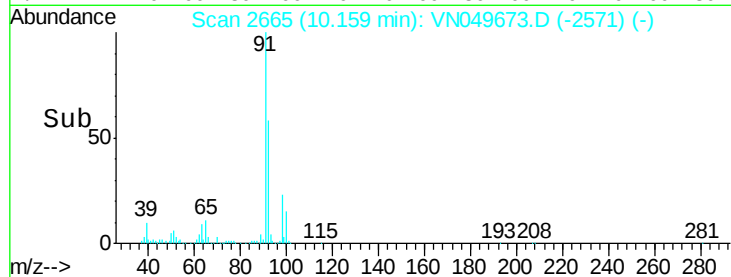
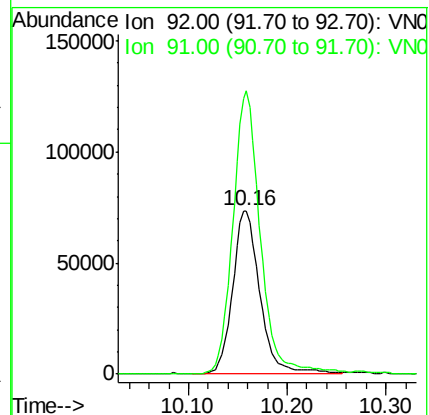
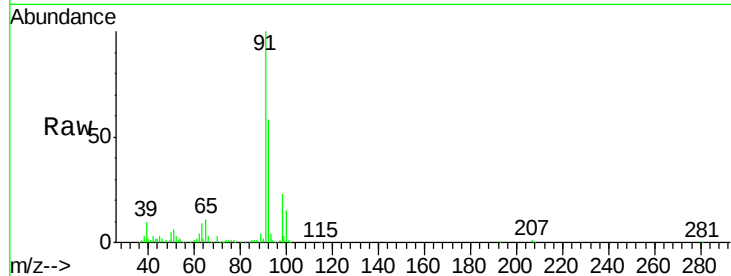
PB110744TB

Tot Ion: 92 Resp: 140403

Ion Ratio Lower Upper

92 100

91 172.8 140.1 210.1



#62

4-Bromofluorobenzene

Concen: 40.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

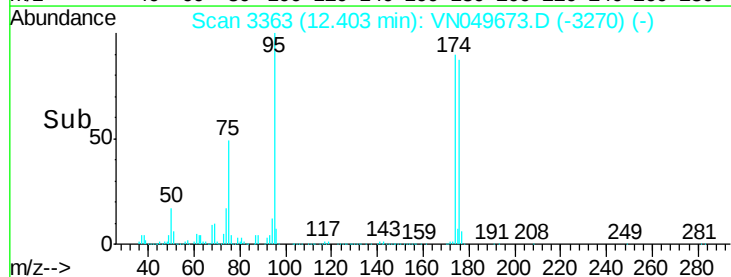
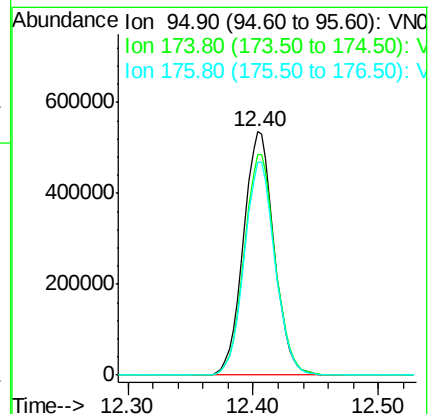
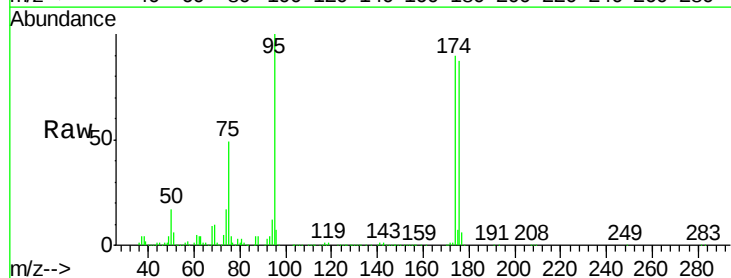
Tgt Ion: 95 Resp: 908341

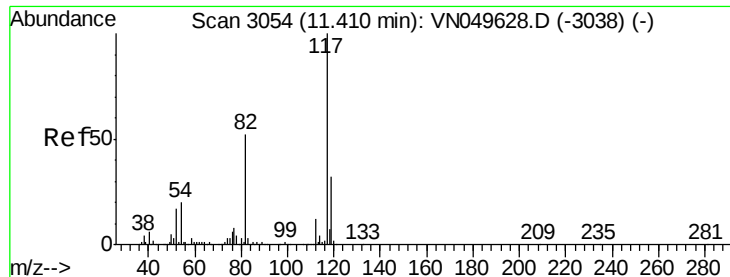
Ion Ratio Lower Upper

95 100

174 91.7 0.0 179.6

176 87.6 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: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

PB110744TB

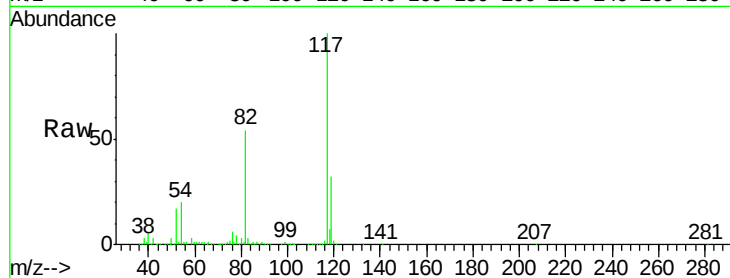
Tot Ion:117 Resp: 1900026

Ion Ratio Lower Upper

117 100

82 54.2 41.9 62.9

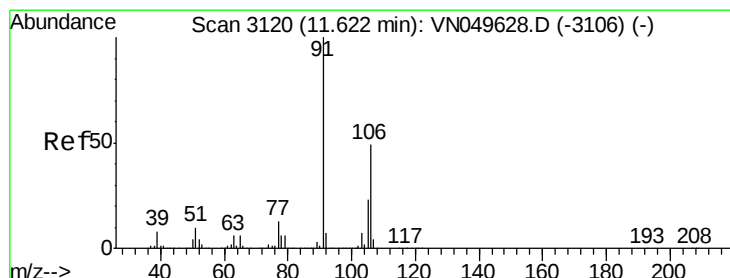
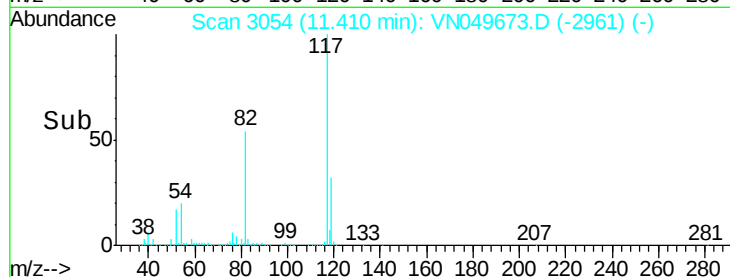
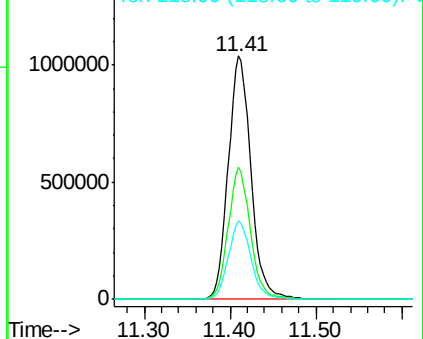
119 32.1 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 1.14 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049673.D

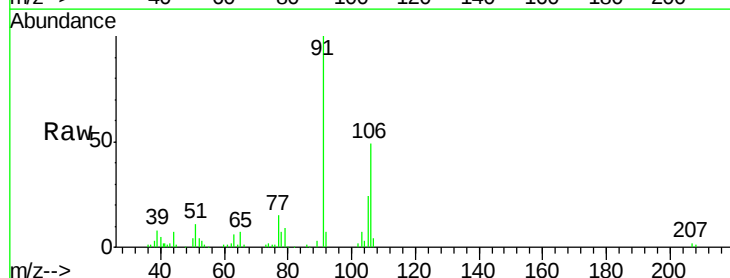
Acq: 2 Jul 2018 16:53

Tgt Ion:106 Resp: 35781

Ion Ratio Lower Upper

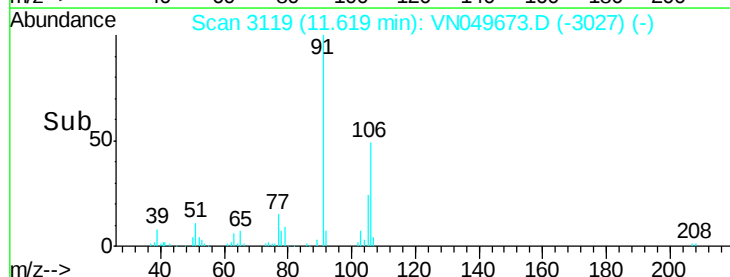
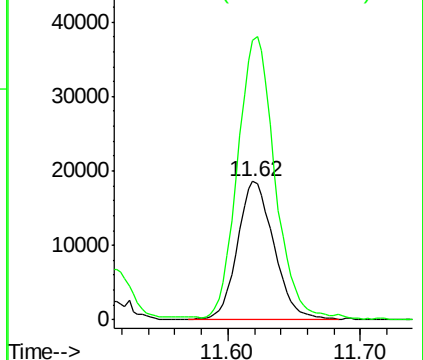
106 100

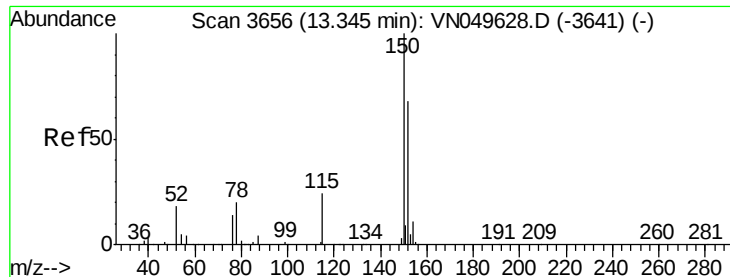
91 209.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

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MSVOA_N

ClientSampleId :

PB110744TB

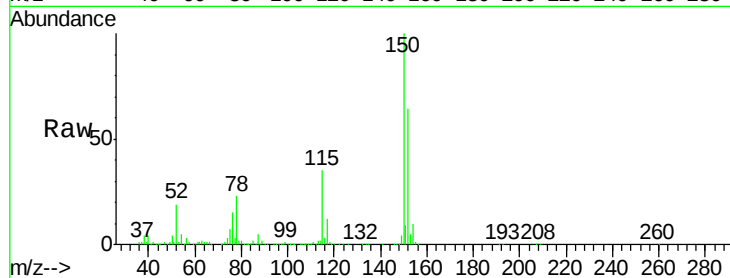
Tot Ion:152 Resp: 747582

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.2

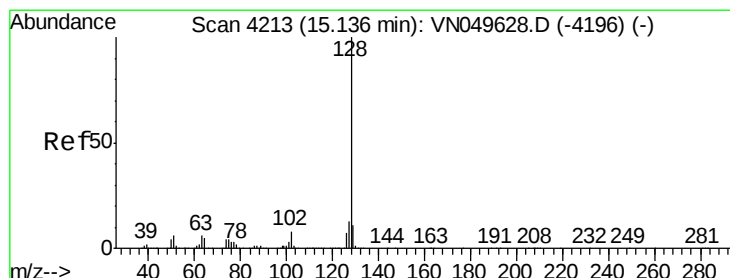
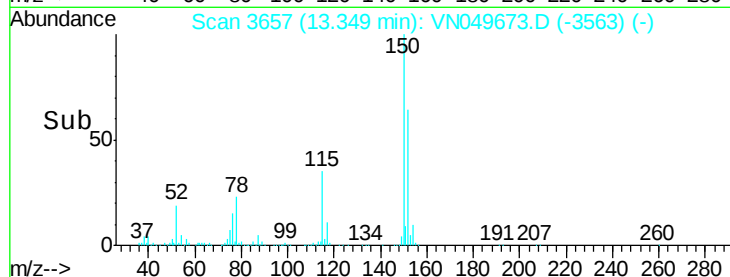
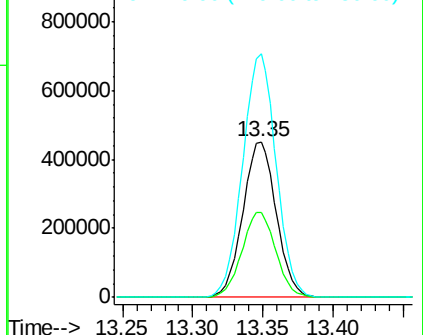
150 157.4 0.0 347.6



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



#95

Naphthalene

Concen: 4.56 ug/l

RT: 15.14 min Scan# 4215

Delta R.T. 0.01 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

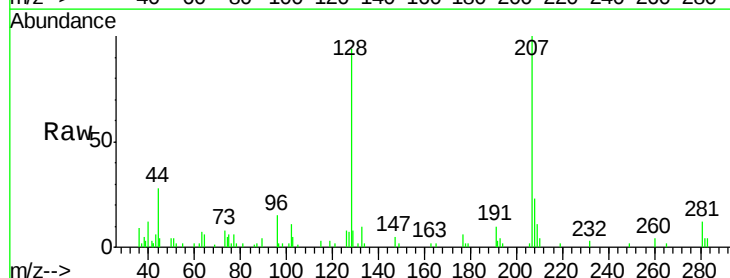
Tgt Ion:128 Resp: 17091

Ion Ratio Lower Upper

128 100

127 9.4 10.4 15.6#

129 9.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

