

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050893.D
 Acq On : 27 Aug 2018 12:54
 Operator : MD\SY
 Sample : PB112375ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375ZHE#01

Quant Time: Aug 28 02:26:13 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1013260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	864294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	268821	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	396659	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	7.59	113	382000	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	10.09	98	1393432	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.40	95	359281	35.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.74%	

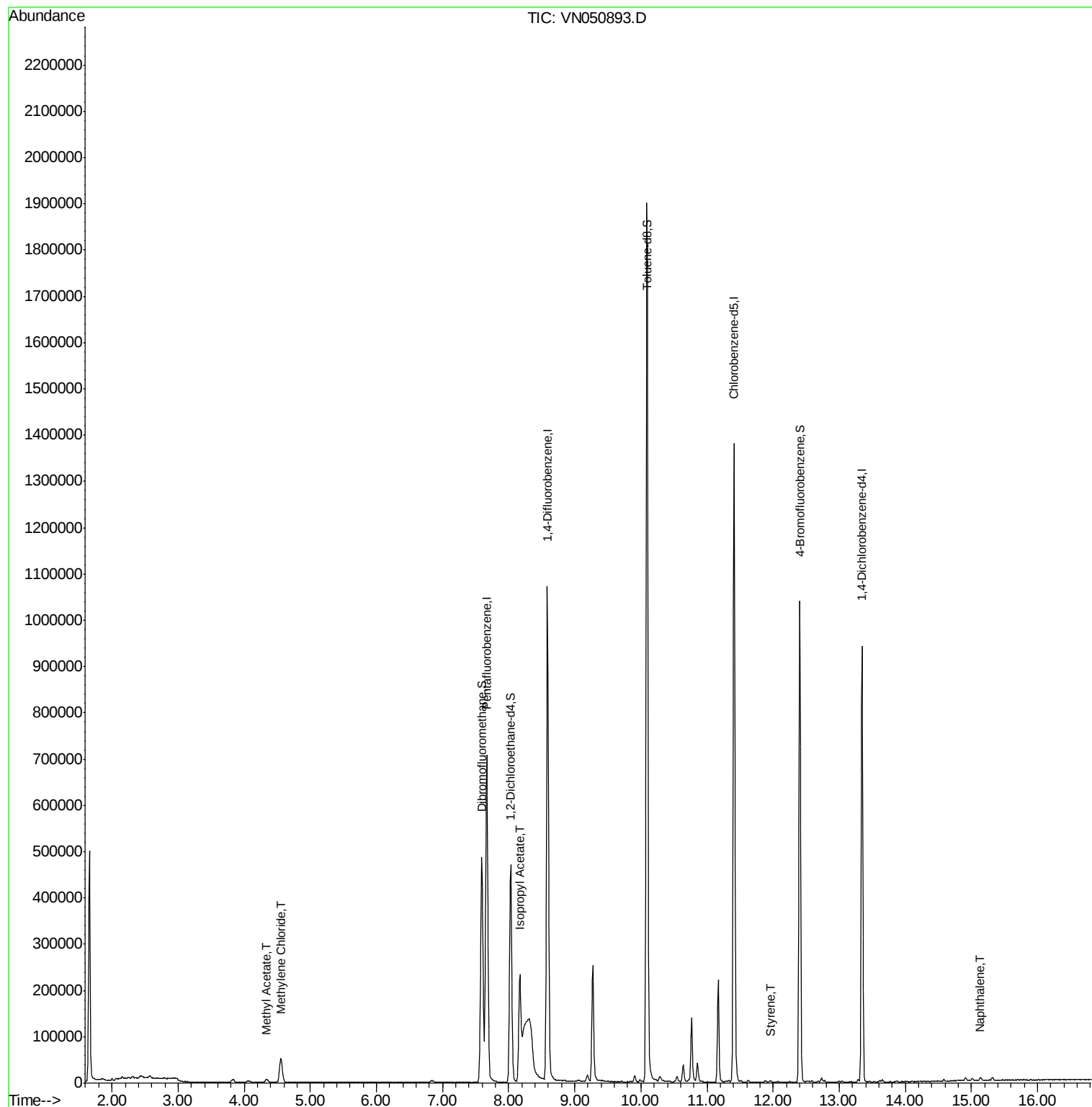
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	12718	1.78	ug/l	95
20) Methylene Chloride	4.55	84	41618	4.88	ug/l	96
43) Isopropyl Acetate	8.17	43	300219	25.42	ug/l	96
70) Styrene	11.97	104	1311	1.32	ug/l	92
95) Naphthalene	15.14	128	6463	5.94	ug/l #	94

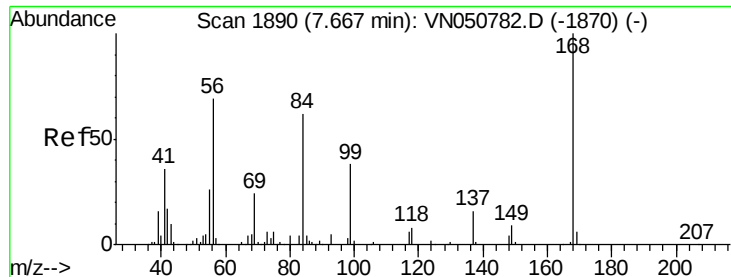
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

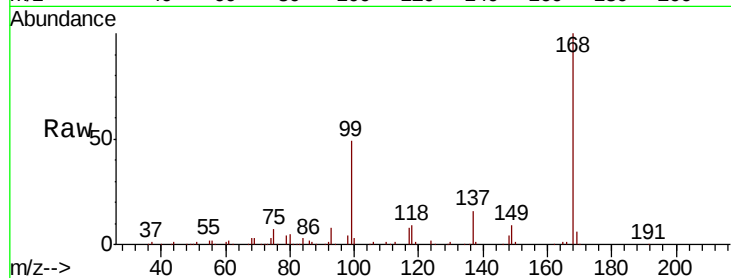
PB112375ZHE#01

Tot Ion:168 Resp: 628641

Ion Ratio Lower Upper

168 100

99 49.2 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

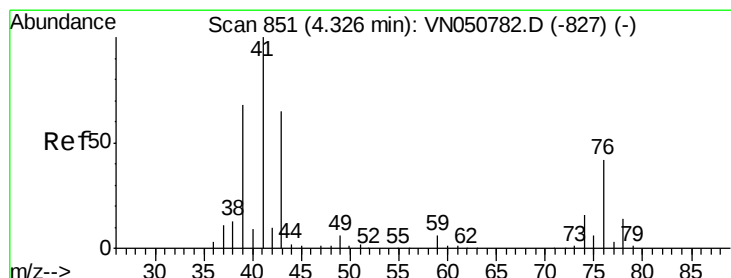
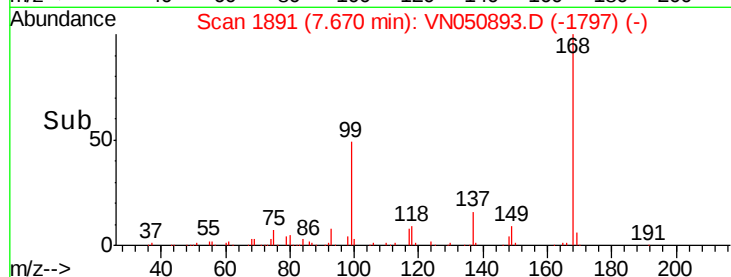
100000

50000

0

Time-->

7.60 7.70 7.80



#18

Methyl Acetate

Concen: 1.78 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050893.D

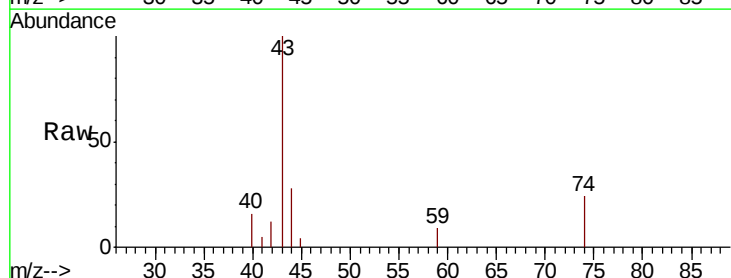
Acq: 27 Aug 2018 12:54

Tgt Ion: 43 Resp: 12718

Ion Ratio Lower Upper

43 100

74 22.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.33

4000

3000

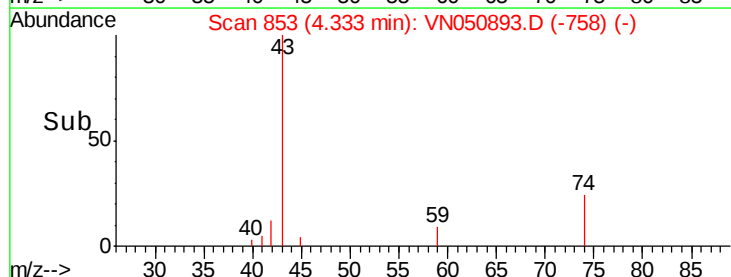
2000

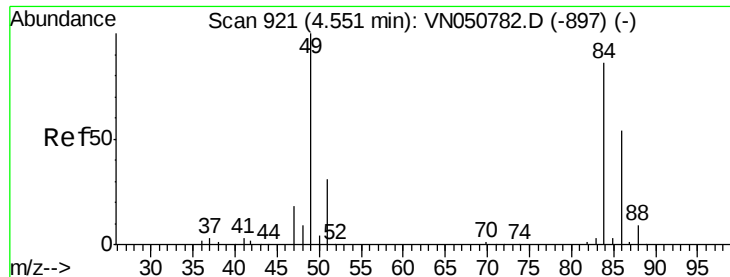
1000

0

Time-->

4.25 4.30 4.35 4.40

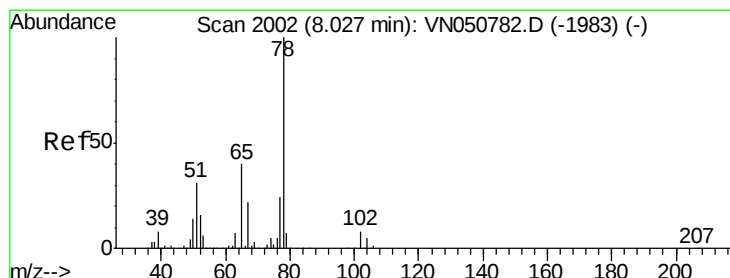
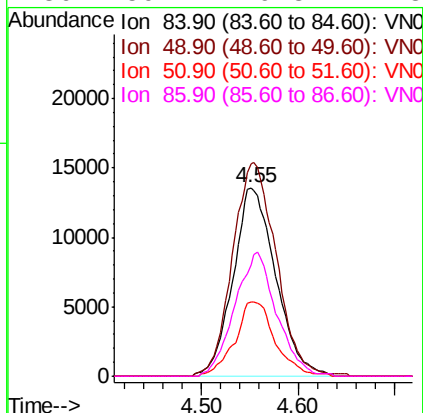
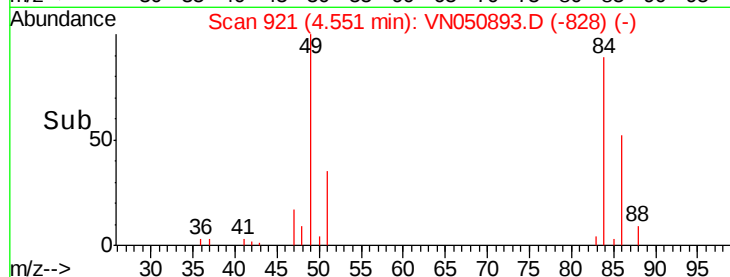
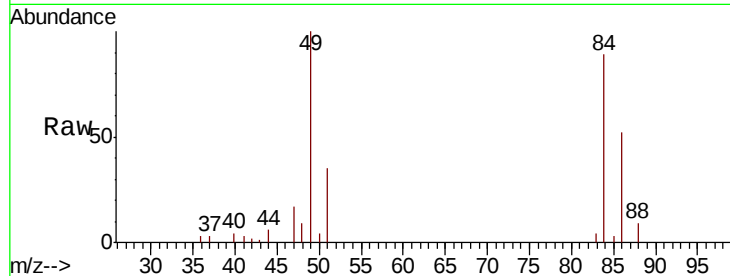




#20
Methvlene Chloride
Concen: 4.88 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050893.D
Acq: 27 Aug 2018 12:54

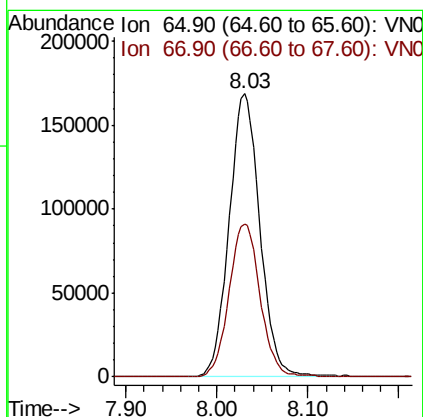
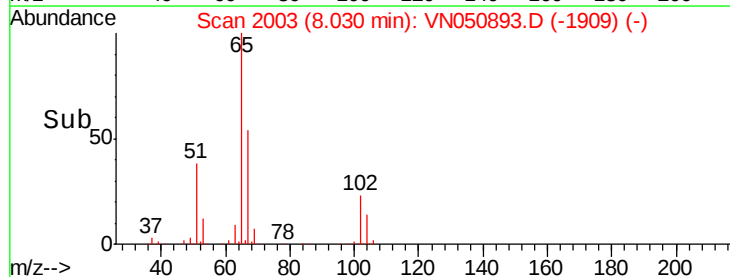
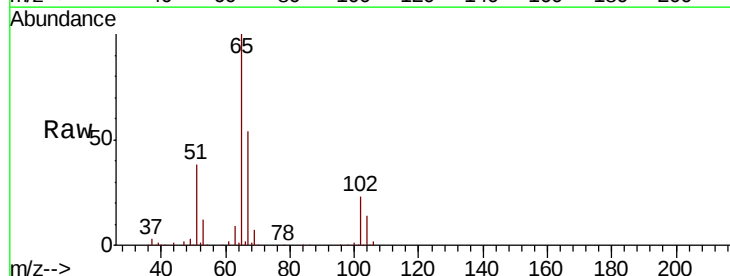
Instrument :
MSVOA_N
ClientSampleId :
PB112375ZHE#01

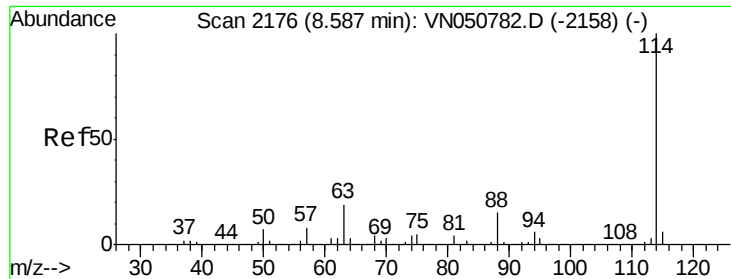
Tot Ion: 84 Resp: 41618
Ion Ratio Lower Upper
84 100
49 112.8 93.2 139.8
51 39.0 29.0 43.6
86 59.2 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 52.41 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050893.D
Acq: 27 Aug 2018 12:54

Tgt Ion: 65 Resp: 396659
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.4

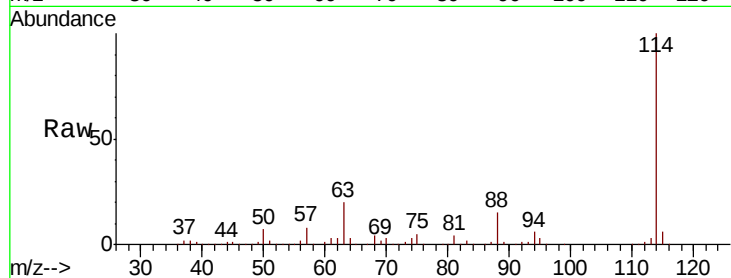




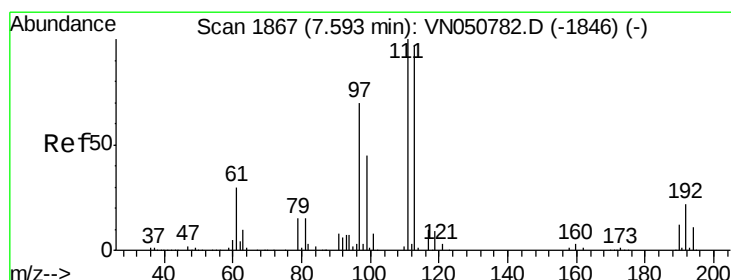
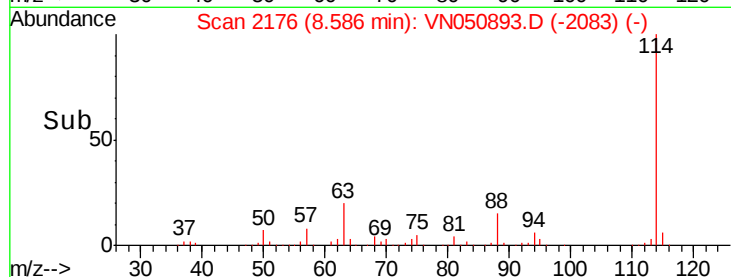
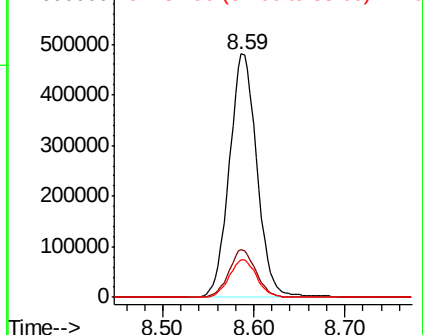
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050893.D
 Acq: 27 Aug 2018 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375ZHE#01

Tot Ion:114 Resp: 1013260
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.3 0.0 30.6

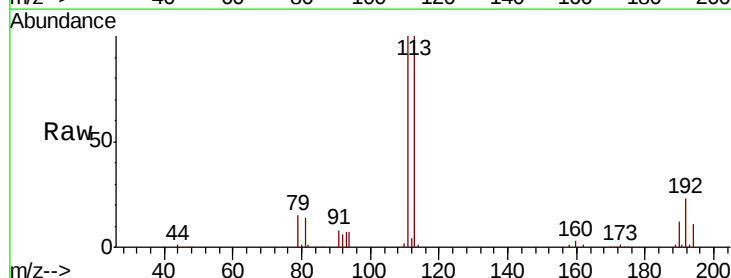


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

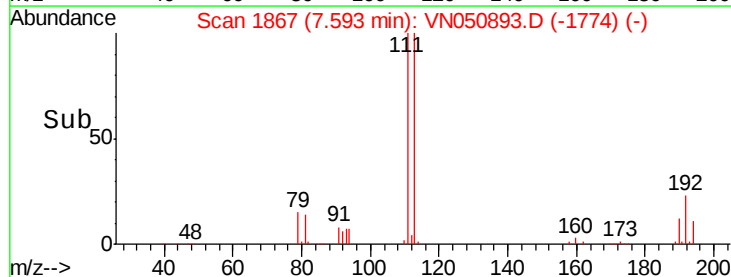
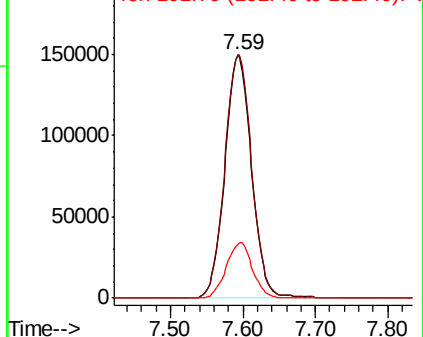


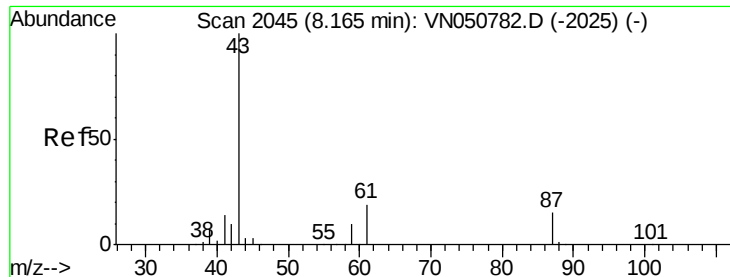
#35
 Dibromofluoromethane
 Concen: 47.39 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050893.D
 Acq: 27 Aug 2018 12:54

Tgt Ion:113 Resp: 382000
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.6 123.8
 192 22.4 18.0 27.0



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





#43

Isopropyl Acetate

Concen: 25.42 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

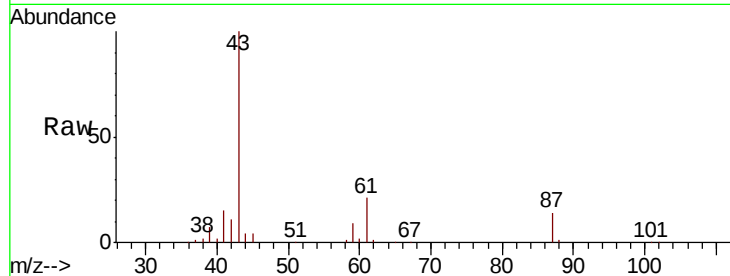
Tot Ion: 43 Resp: 300219

Ion Ratio Lower Upper

43 100

61 19.6 17.5 26.3

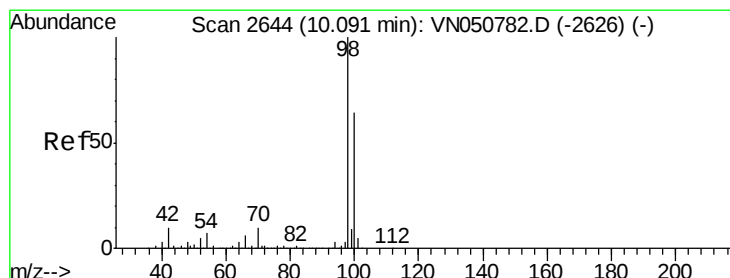
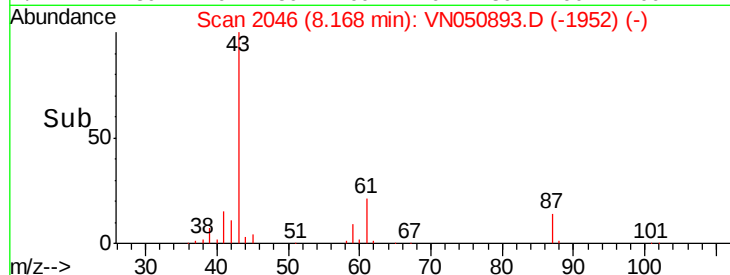
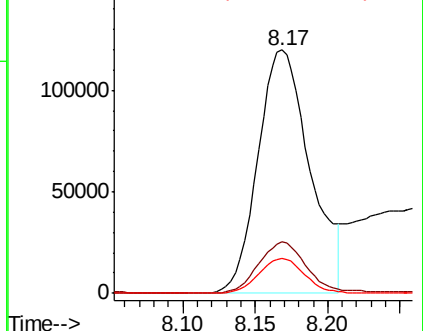
87 12.6 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 46.23 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050893.D

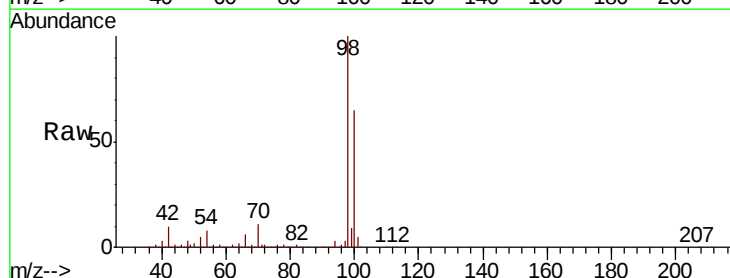
Acq: 27 Aug 2018 12:54

Tgt Ion: 98 Resp: 1393432

Ion Ratio Lower Upper

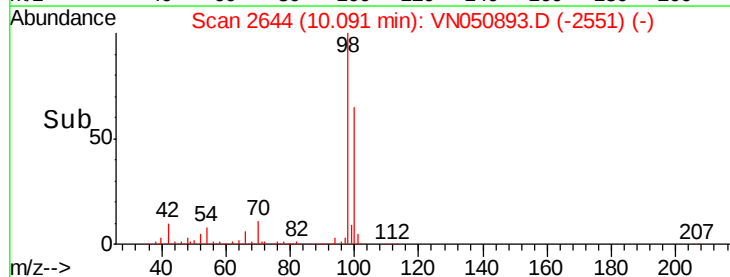
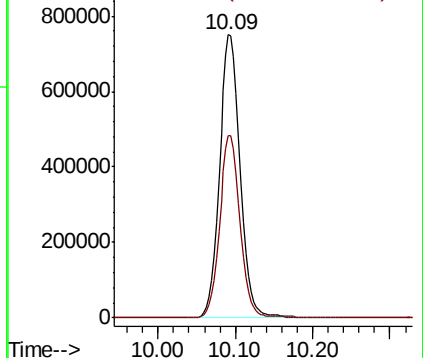
98 100

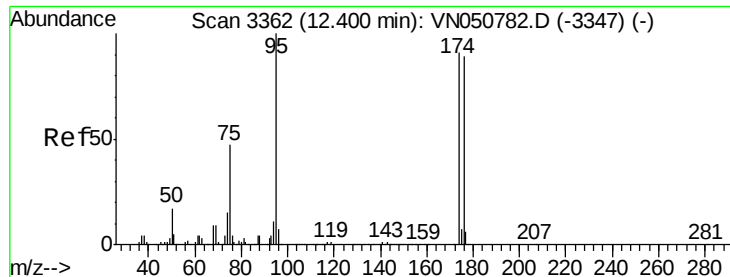
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

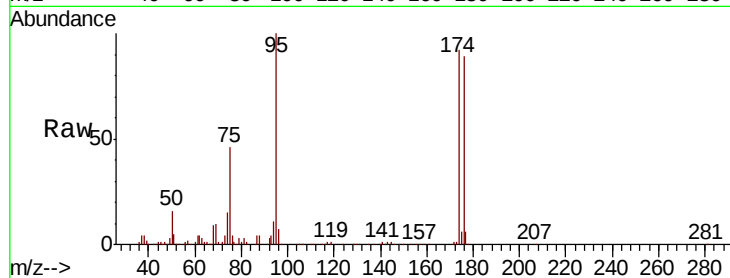
Tot Ion: 95 Resp: 359281

Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.0

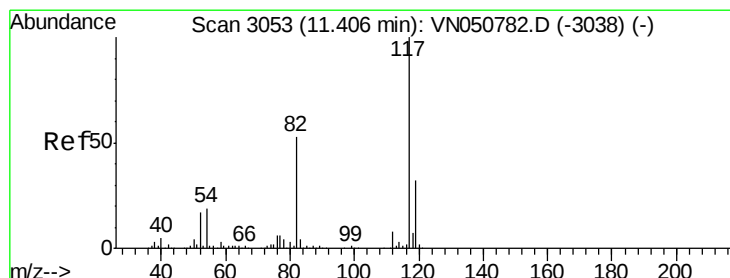
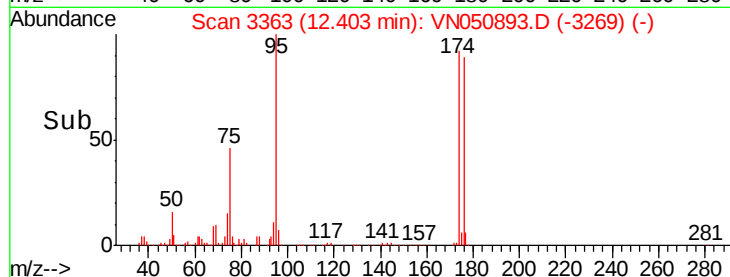
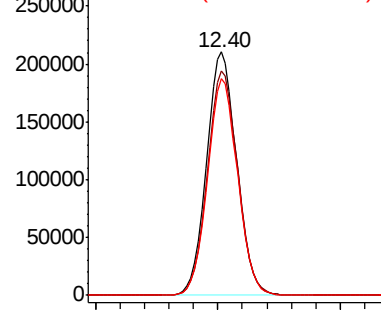
176 89.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

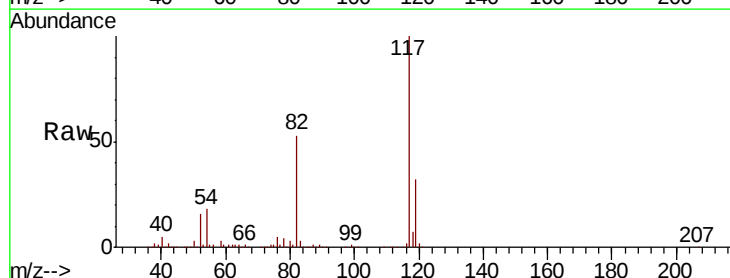
Tgt Ion: 117 Resp: 864294

Ion Ratio Lower Upper

117 100

82 52.7 42.6 64.0

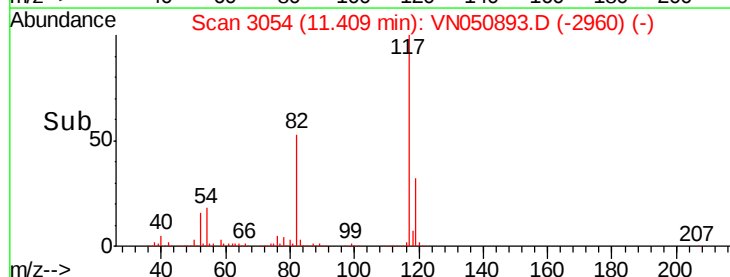
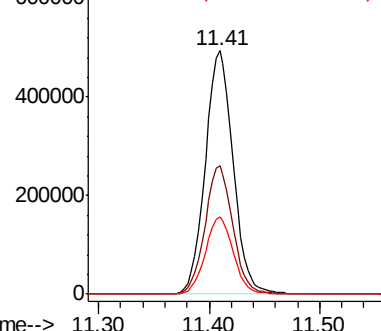
119 31.9 25.8 38.6

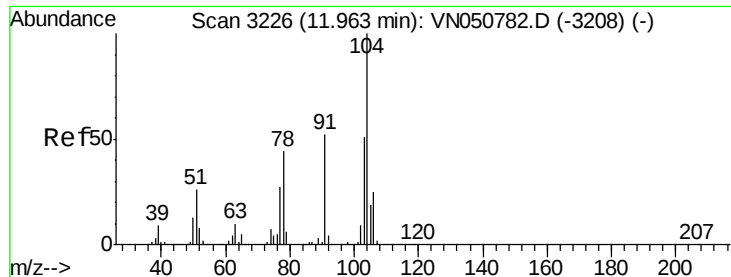


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#70

Stvrene

Concen: 1.32 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

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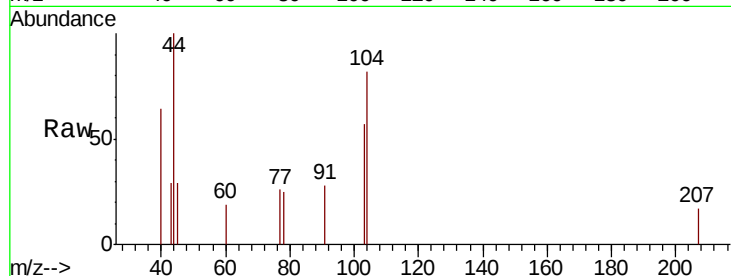
Tot Ion:104 Resp: 1311

Ion Ratio Lower Upper

104 100

78 39.1 38.2 57.4

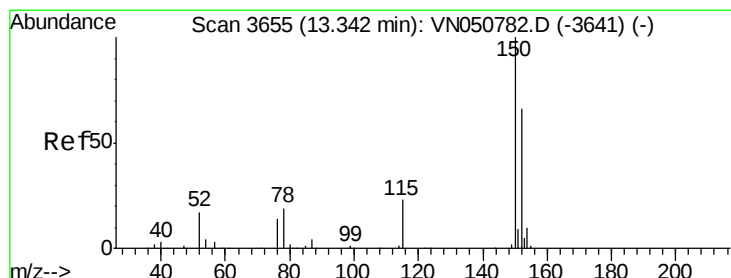
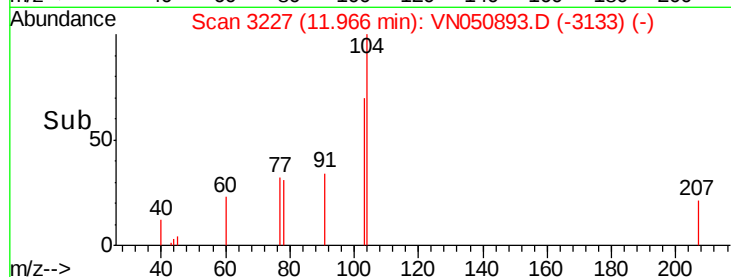
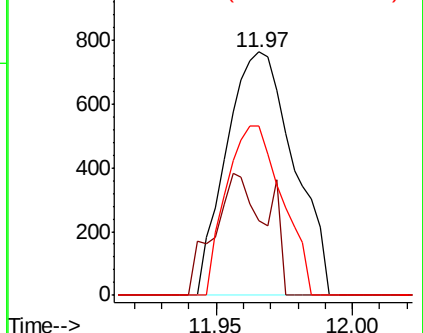
103 57.8 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VN050893.D

Acq: 27 Aug 2018 12:54

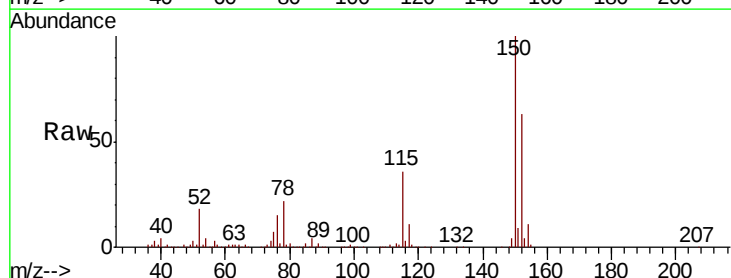
Tgt Ion:152 Resp: 268821

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

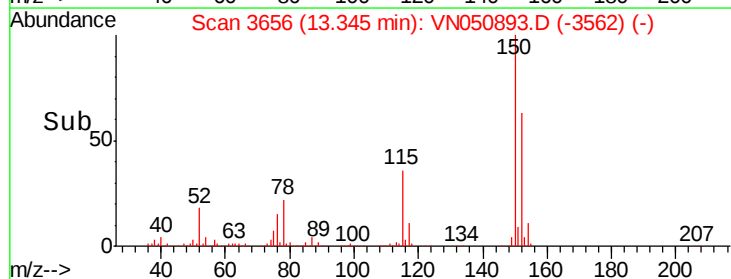
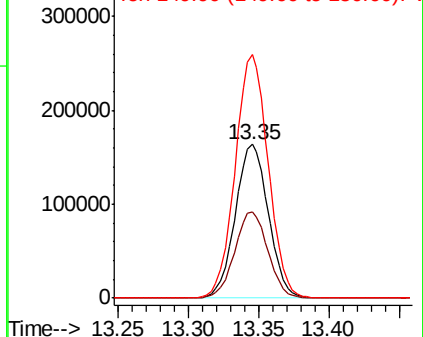
150 158.3 0.0 351.4

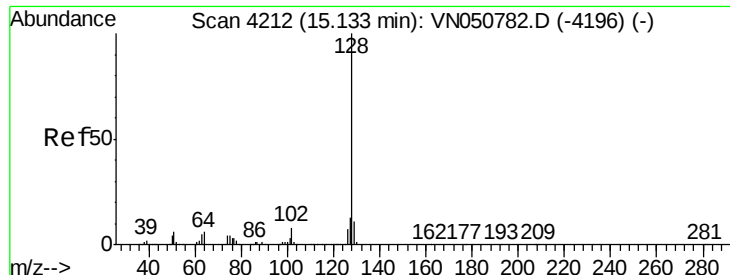


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 5.94 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050893.D

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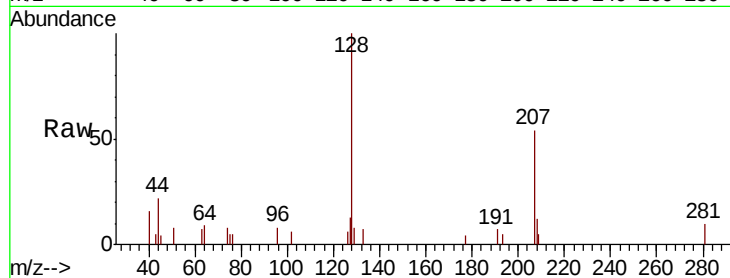
Tot Ion:128 Resp: 6463

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 5.8 8.7 13.1#



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

