

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050891.D
 Acq On : 27 Aug 2018 12:05
 Operator : MD\SY
 Sample : PB112375TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375TB

Quant Time: Aug 28 03:47:15 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	622129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1001167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	829886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	252924	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	397806	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	7.59	113	382975	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	10.09	98	1346661	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.40	95	343259	34.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.38%	

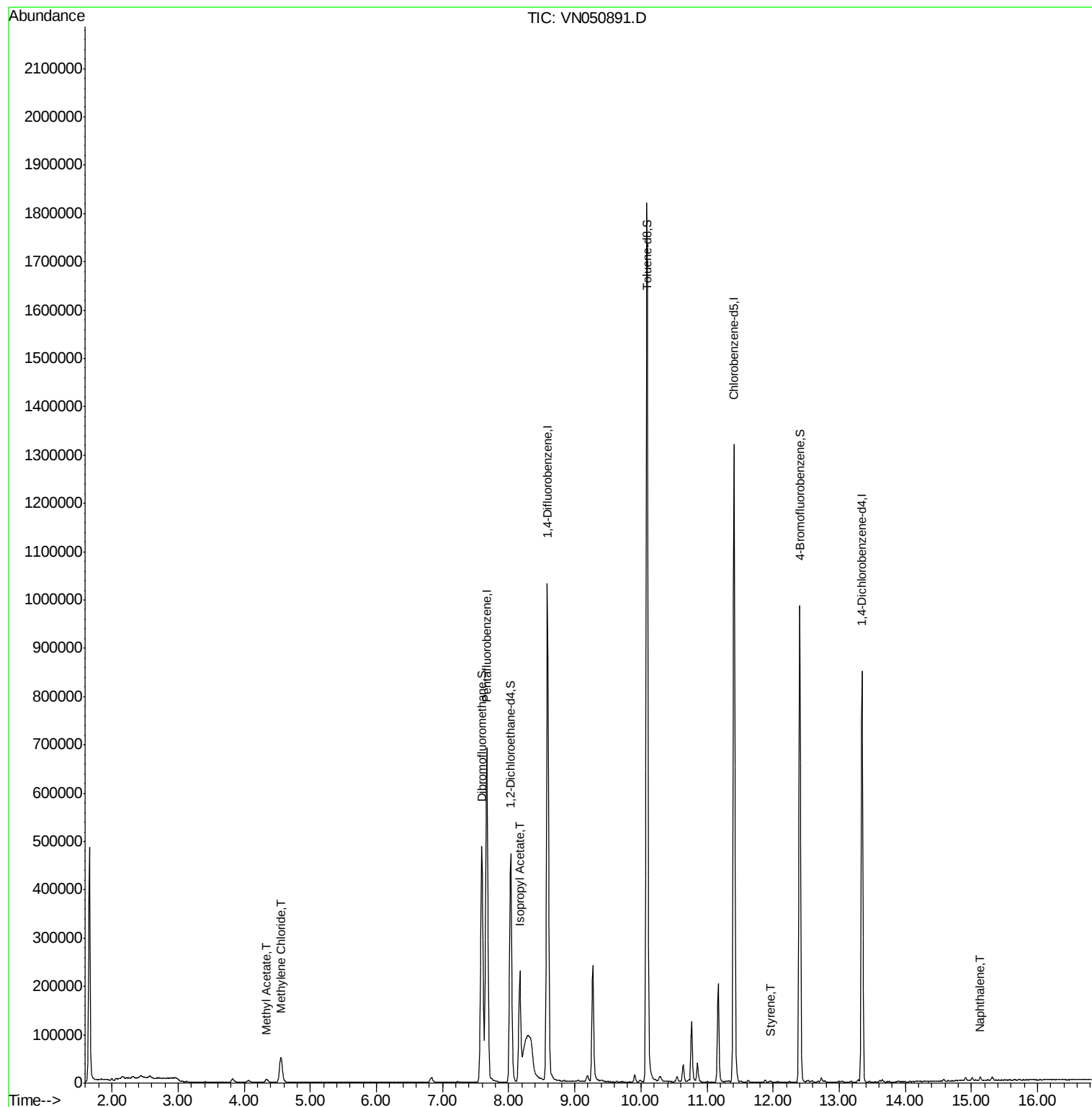
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	12100	1.71	ug/l	94
20) Methylene Chloride	4.55	84	42797	5.07	ug/l	98
43) Isopropyl Acetate	8.17	43	270558	23.19	ug/l	98
70) Styrene	11.97	104	1197	1.32	ug/l	90
95) Naphthalene	15.13	128	6109	5.94	ug/l	98

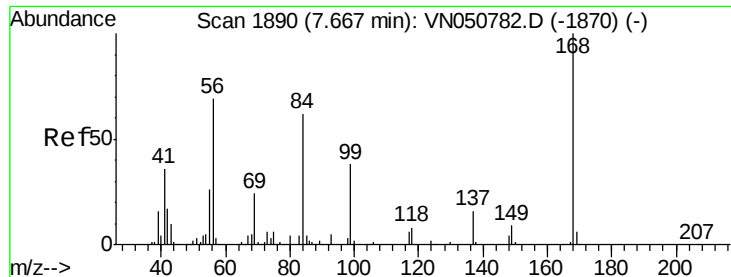
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

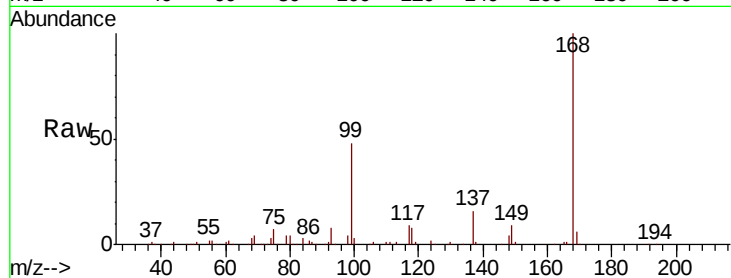
PB112375TB

Tot Ion:168 Resp: 622129

Ion Ratio Lower Upper

168 100

99 48.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

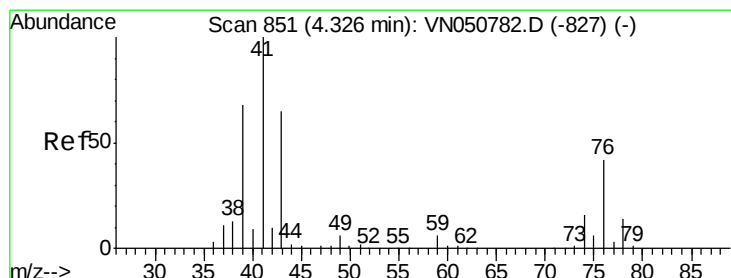
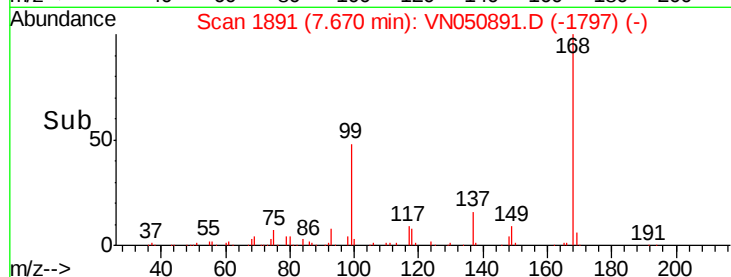
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#18

Methyl Acetate

Concen: 1.71 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN050891.D

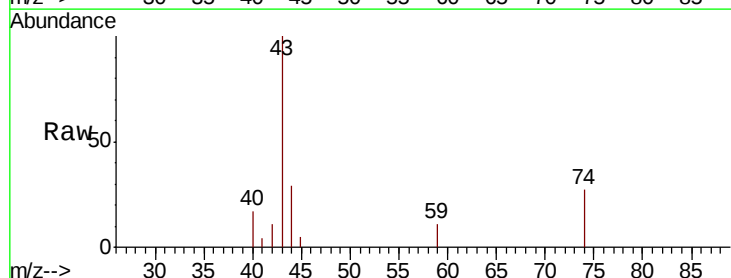
Acq: 27 Aug 2018 12:05

Tgt Ion: 43 Resp: 12100

Ion Ratio Lower Upper

43 100

74 21.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

4000

3000

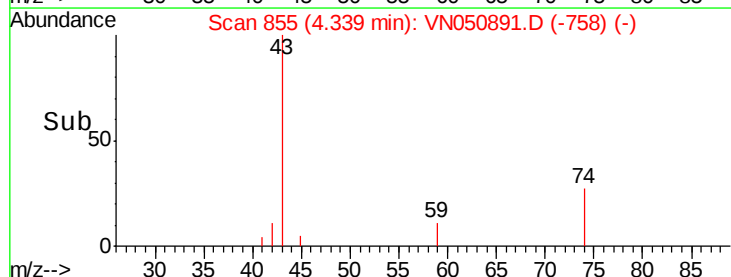
2000

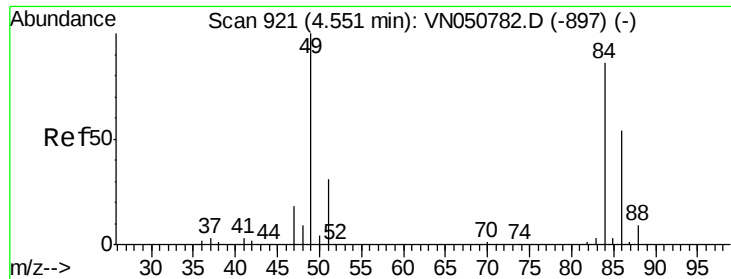
1000

0

Time-->

4.25 4.30 4.35 4.40 4.45

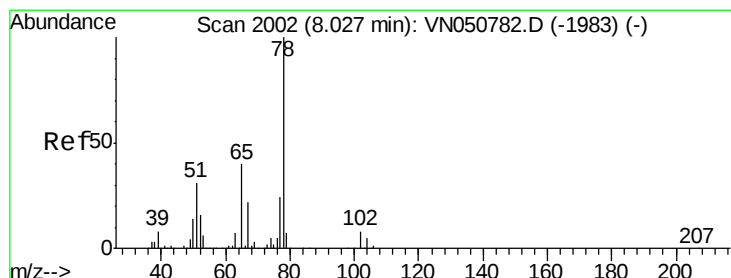
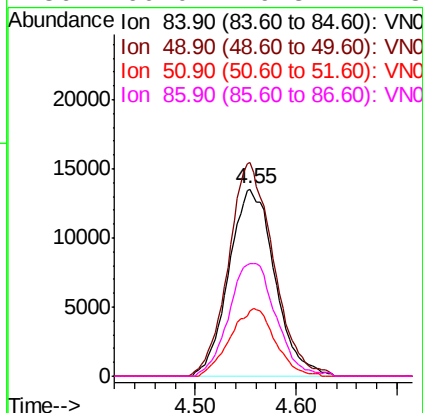
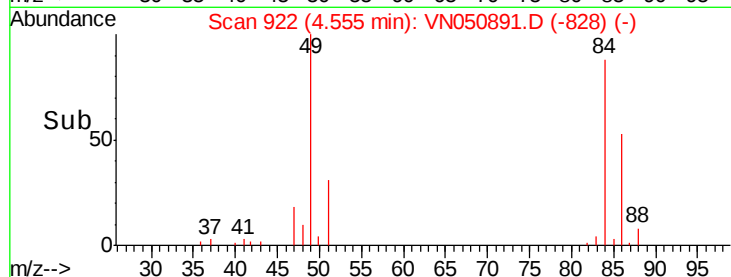
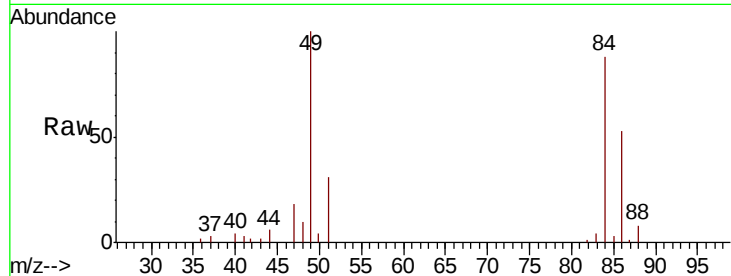




#20
Methvlene Chloride
Concen: 5.07 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

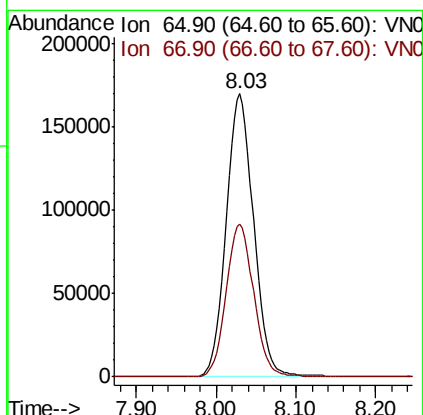
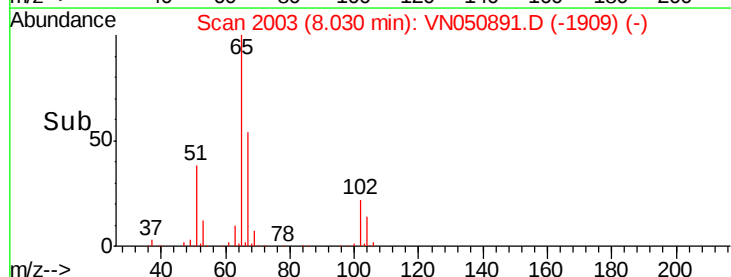
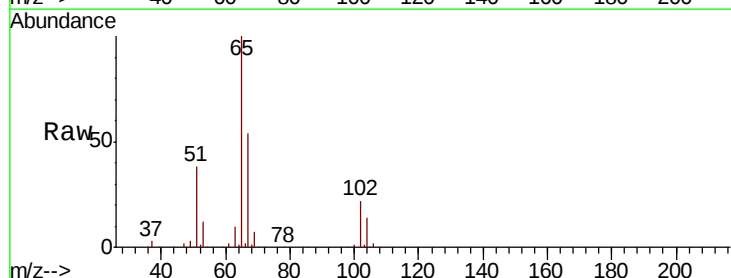
Instrument :
MSVOA_N
ClientSampled :
PB112375TB

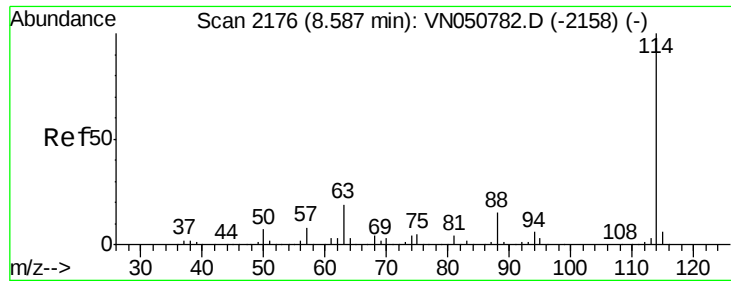
Tot Ion:	84	Resp:	42797
Ion	Ratio	Lower	Upper
84	100		
49	114.1	93.2	139.8
51	35.2	29.0	43.6
86	60.0	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 53.11 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

Tgt Ion:	65	Resp:	397806
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.4

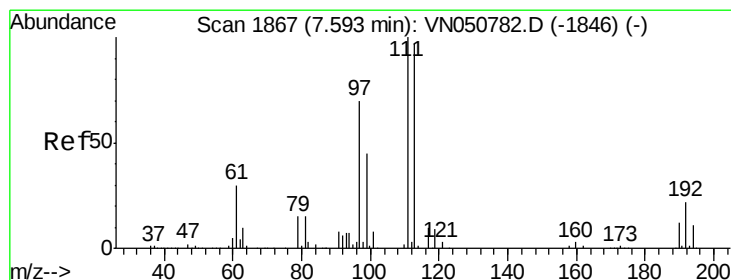
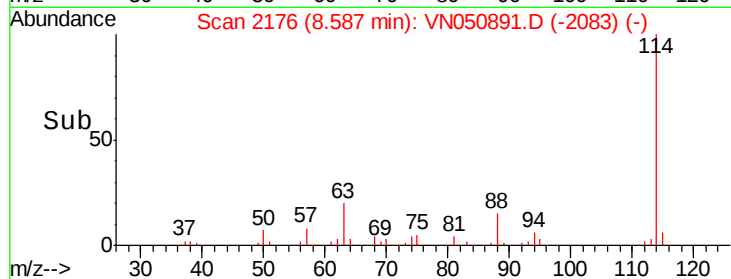
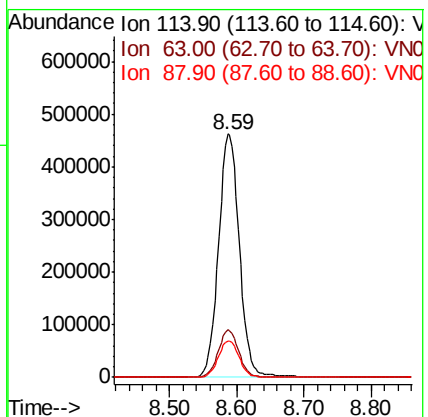
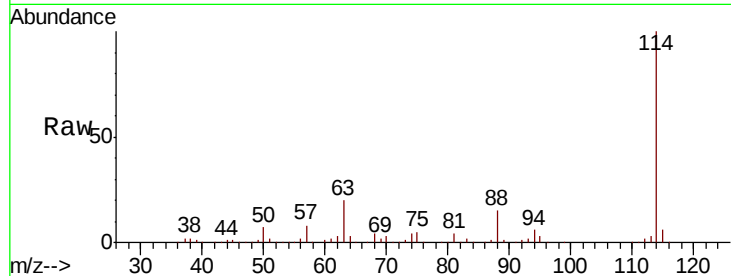




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

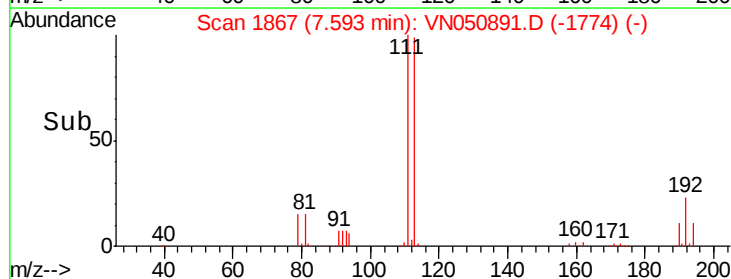
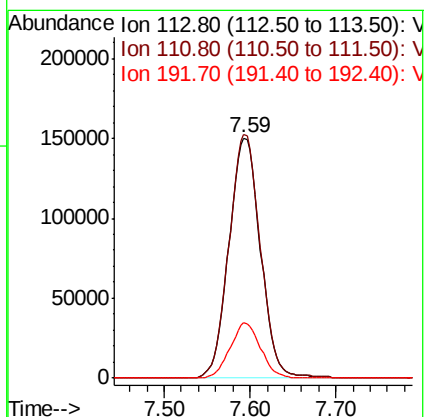
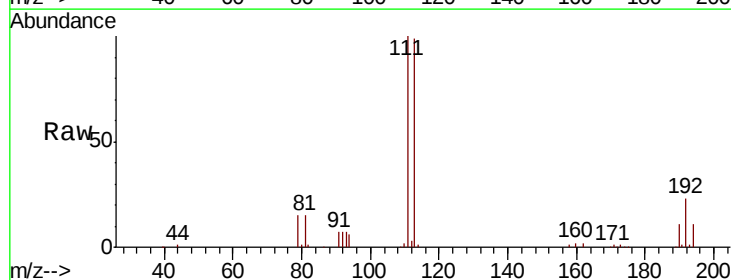
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375TB

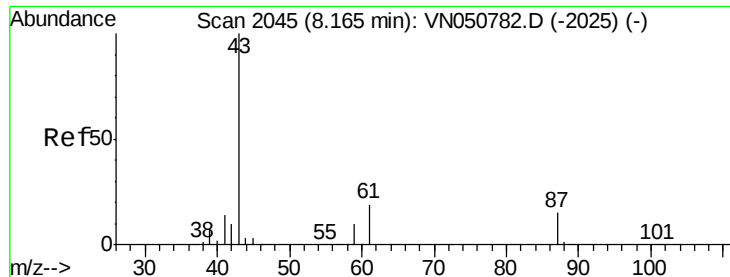
Tot Ion:114 Resp: 1001167
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.1 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 48.08 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

Tgt Ion:113 Resp: 382975
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.6 123.8
 192 22.2 18.0 27.0





#43

Isopropyl Acetate

Concen: 23.19 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleID :

PB112375TB

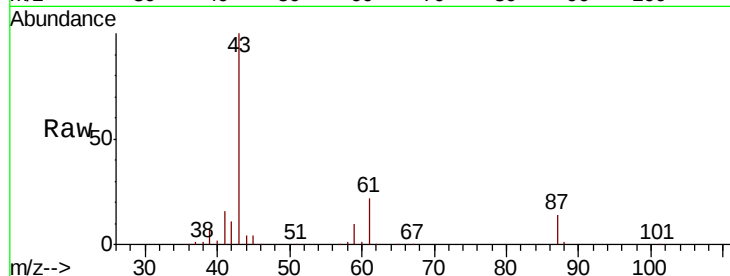
Tot Ion: 43 Resp: 270558

Ion Ratio Lower Upper

43 100

61 21.1 17.5 26.3

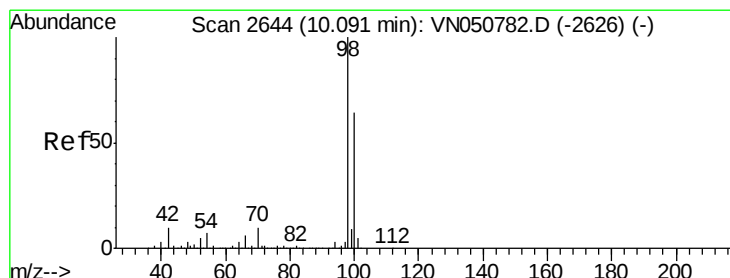
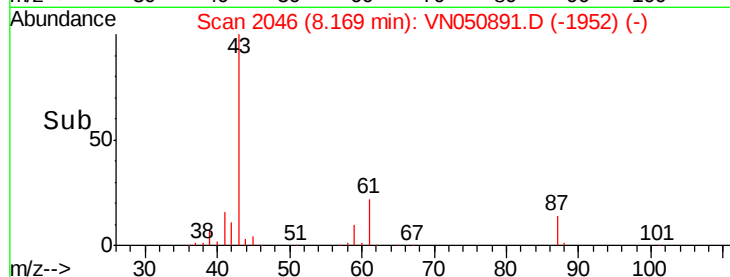
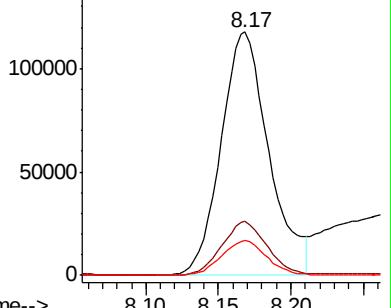
87 13.5 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050782.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-2025) (-)



#50

Toluene-d8

Concen: 45.22 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050891.D

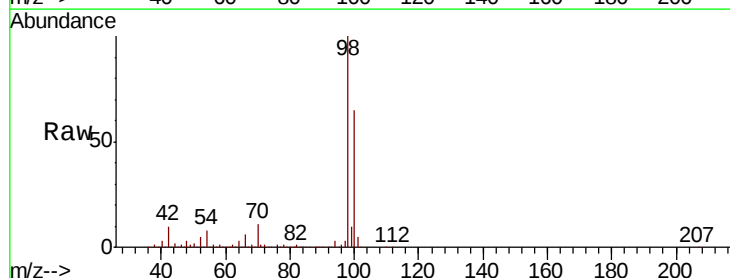
Acq: 27 Aug 2018 12:05

Tgt Ion: 98 Resp: 1346661

Ion Ratio Lower Upper

98 100

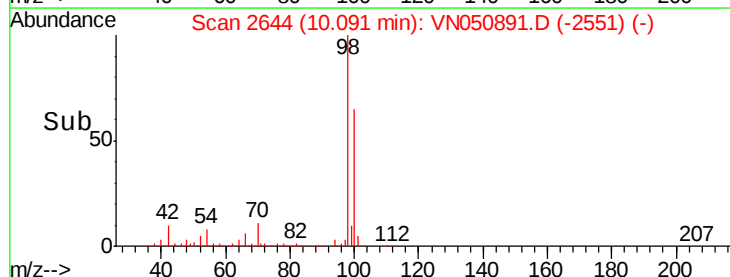
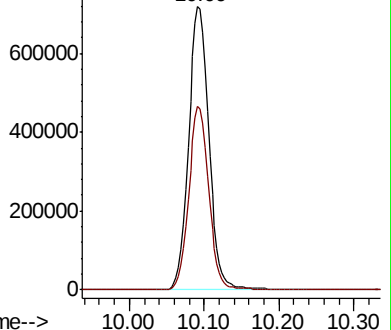
100 63.9 51.5 77.3

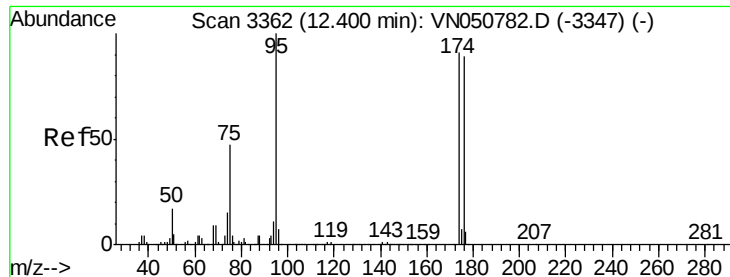


Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)

Ion 207.00 (206.70 to 207.70): VN050782.D (-2626) (-)





#62

4-Bromofluorobenzene

Concen: 34.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

PB112375TB

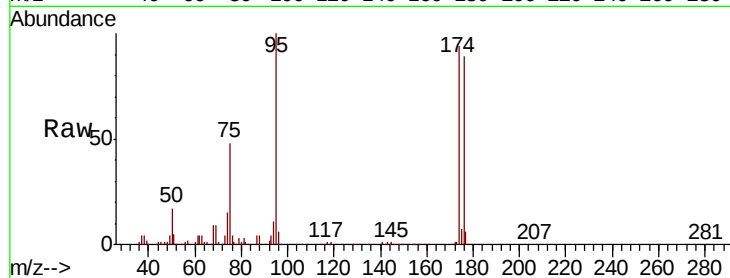
Tot Ion: 95 Resp: 343259

Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.0

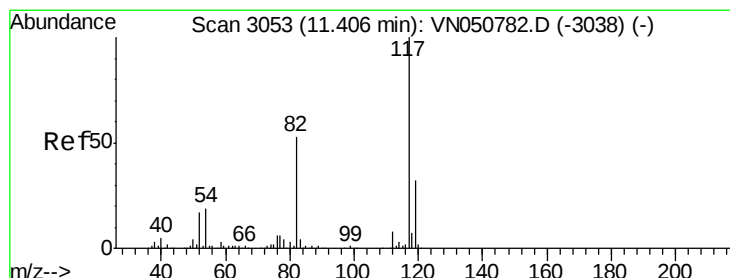
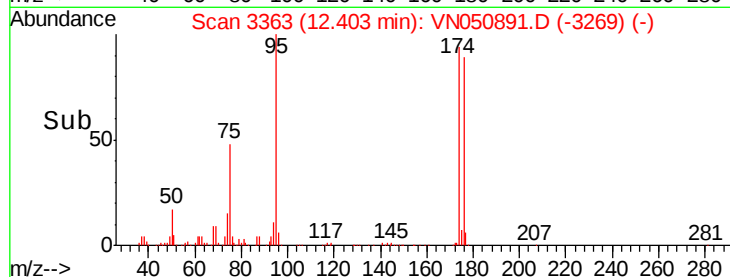
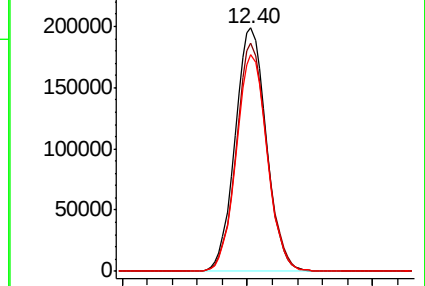
176 88.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

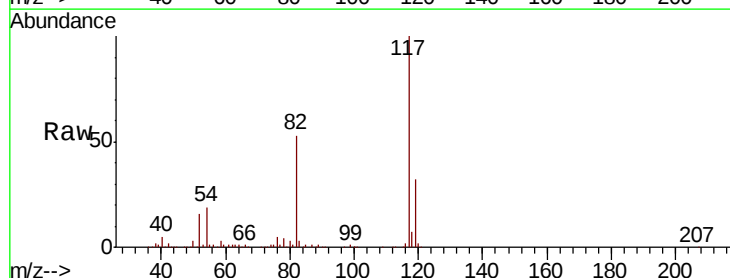
Tgt Ion: 117 Resp: 829886

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

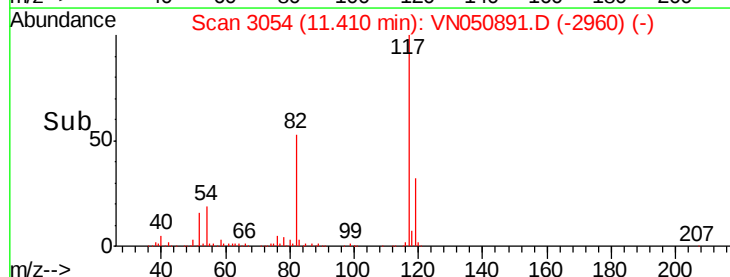
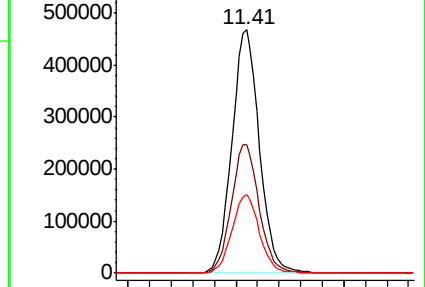
119 32.2 25.8 38.6

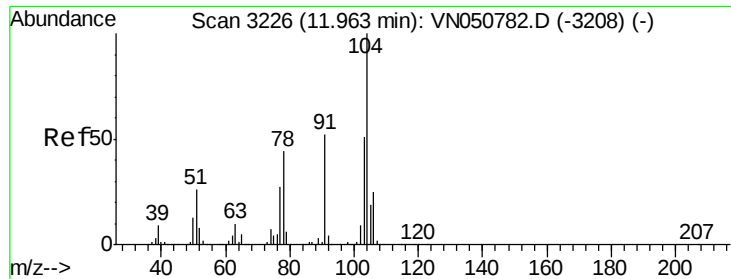


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

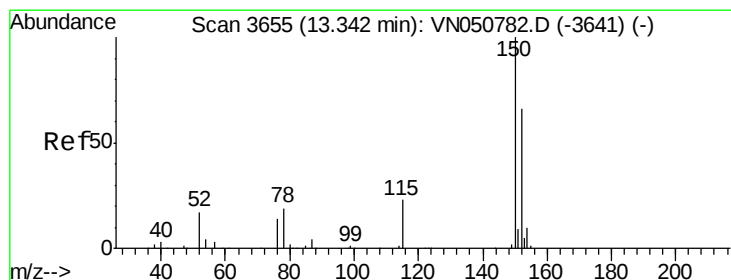
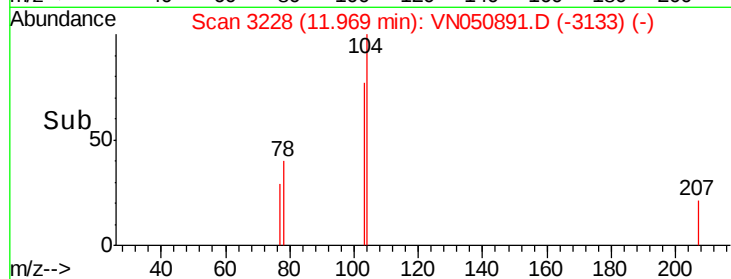
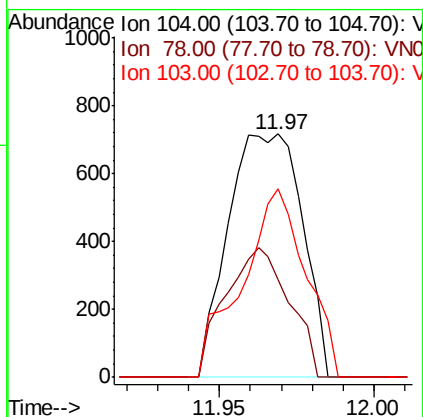
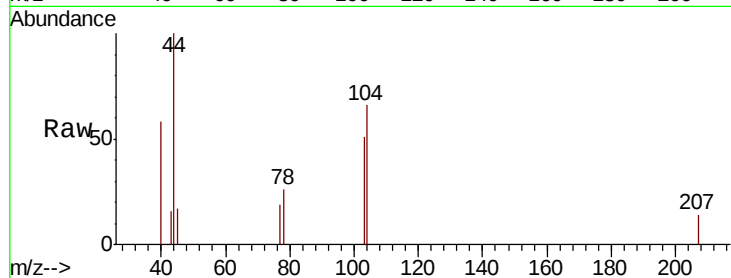




#70
Stvrene
Concen: 1.32 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

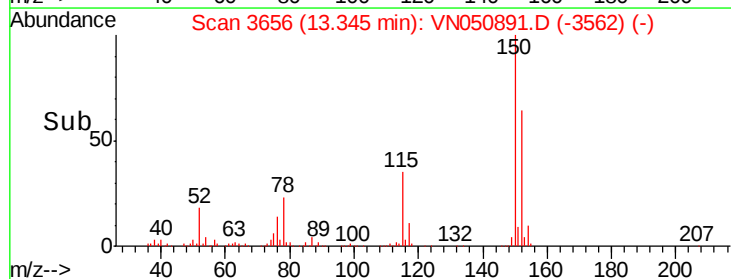
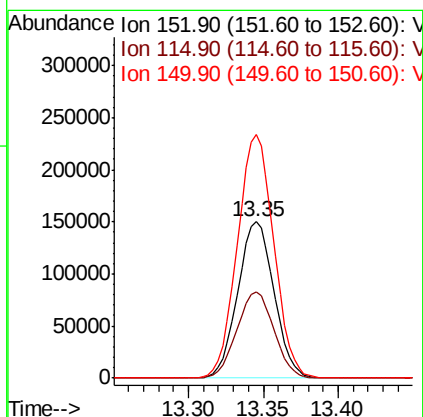
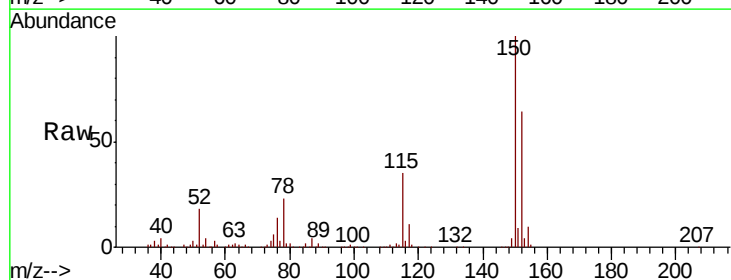
Instrument :
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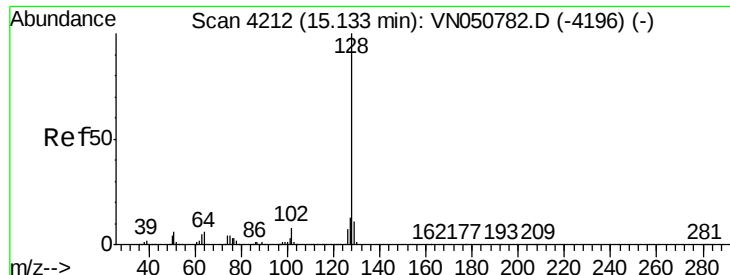
Tot Ion:104 Resp: 1197
Ion Ratio Lower Upper
104 100
78 45.8 38.2 57.4
103 66.6 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

Tgt Ion:152 Resp: 252924
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.4
150 156.5 0.0 351.4





#95

Naphthalene

Concen: 5.94 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

PB112375TB

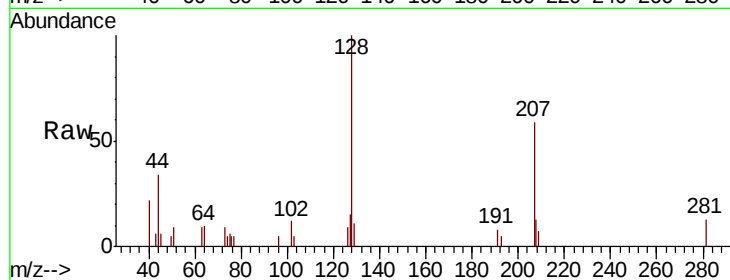
Tot Ion:128 Resp: 6109

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 9.2 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

