

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050896.D
 Acq On : 27 Aug 2018 14:08
 Operator : MD\SY
 Sample : PB112375ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375ZHE#03

Quant Time: Aug 28 03:12:41 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	637314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1048797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	890052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341243	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	414451	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
35) Dibromofluoromethane	7.59	113	391559	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
50) Toluene-d8	10.09	98	1423270	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.40	95	405183	39.09	ug/l	0.00
Spiked Amount			Recovery	=	78.18%	

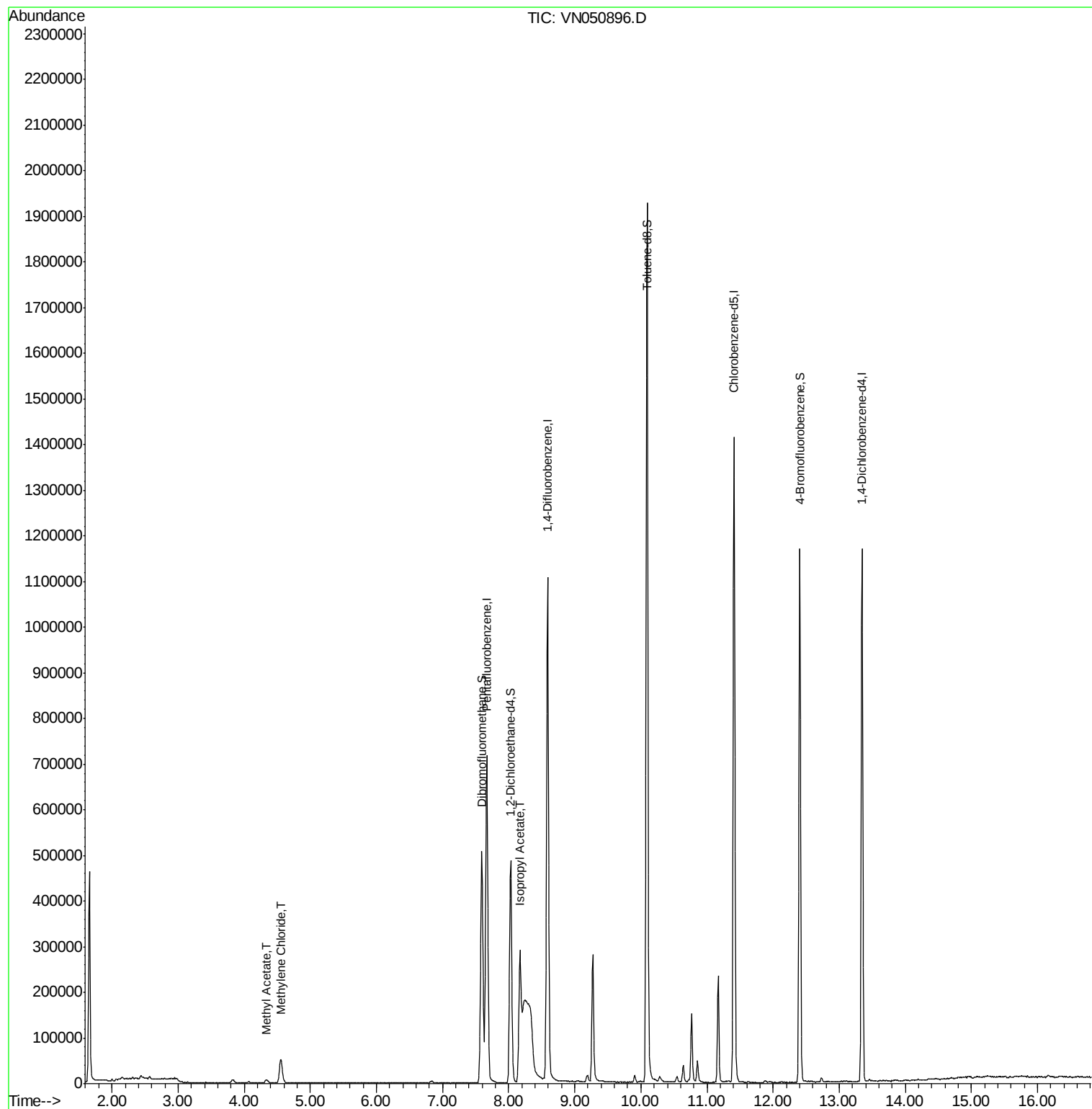
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	15122	2.09	ug/l #	69
20) Methylene Chloride	4.55	84	43798	5.06	ug/l	94
43) Isopropyl Acetate	8.17	43	364231	29.80	ug/l #	92

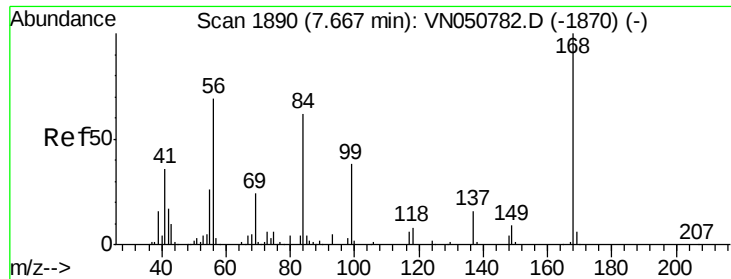
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050896.D

Acq: 27 Aug 2018 14:08

Instrument :

MSVOA_N

ClientSampleId :

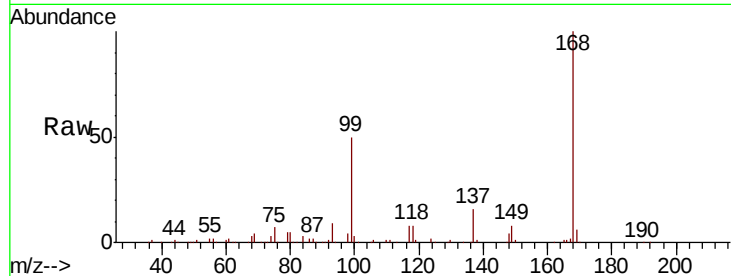
PB112375ZHE#03

Tot Ion:168 Resp: 637314

Ion Ratio Lower Upper

168 100

99 49.8 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

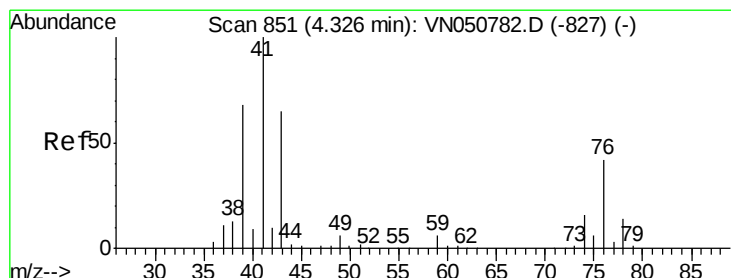
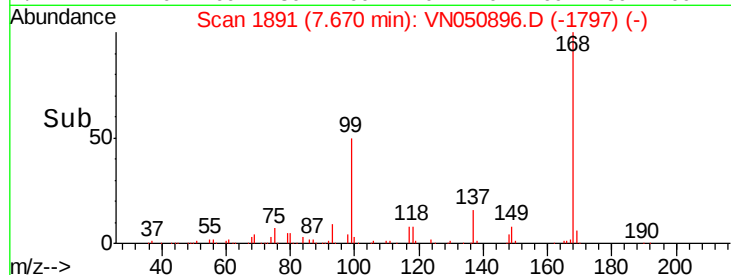
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.09 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050896.D

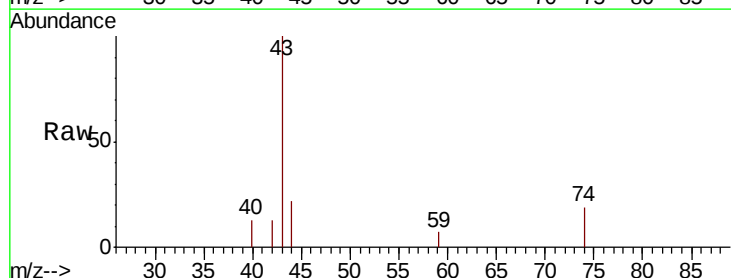
Acq: 27 Aug 2018 14:08

Tgt Ion: 43 Resp: 15122

Ion Ratio Lower Upper

43 100

74 9.5 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

5000

4000

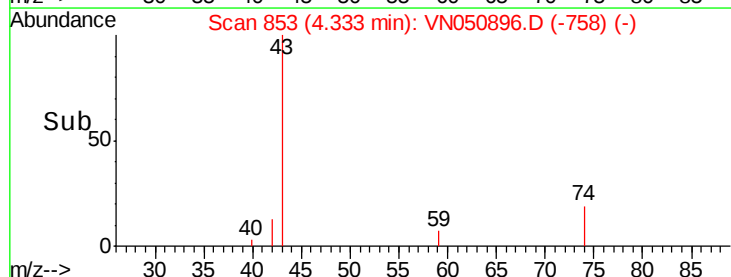
3000

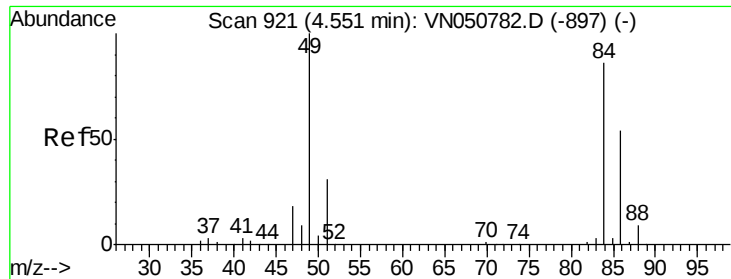
2000

1000

0

Time-->

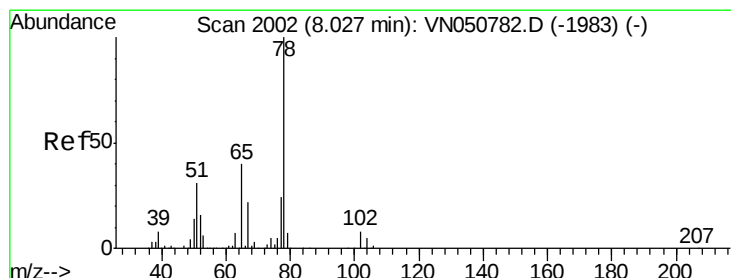
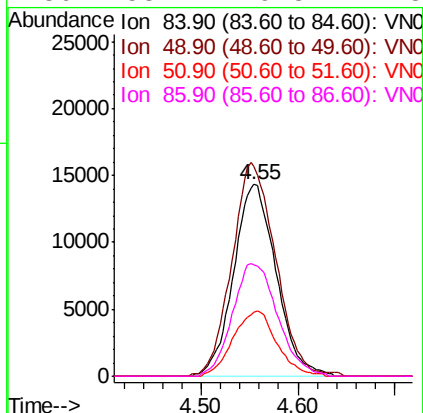
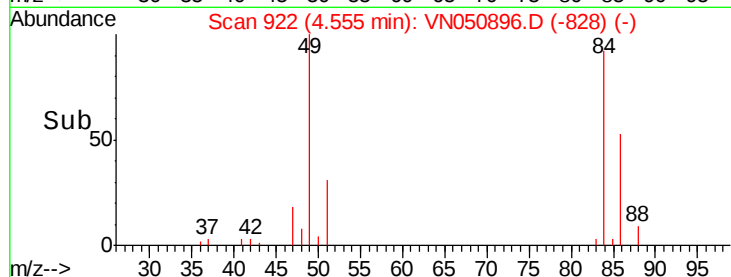
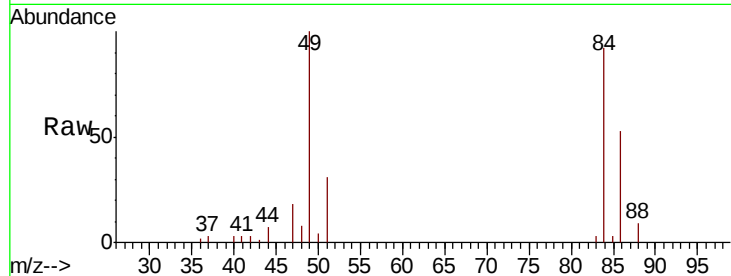




#20
Methvlene Chloride
Concen: 5.06 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050896.D
Acq: 27 Aug 2018 14:08

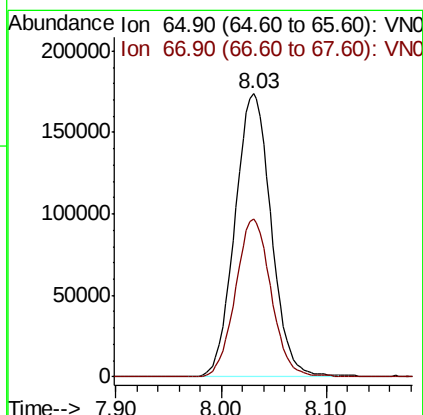
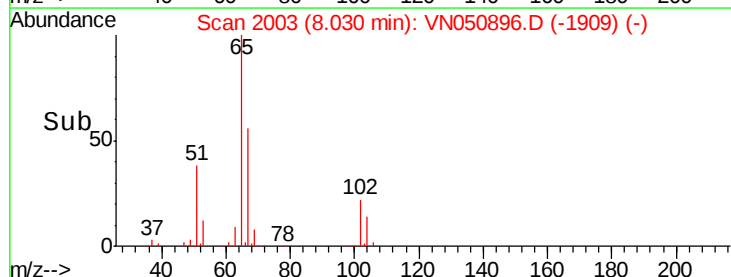
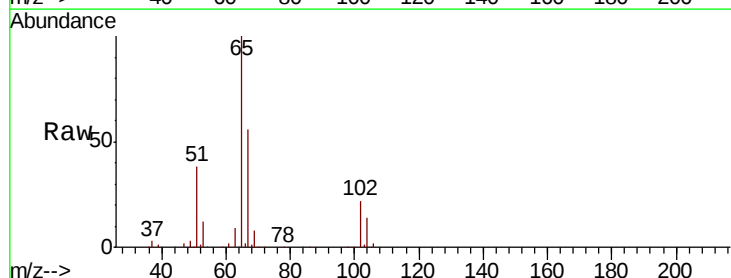
Instrument :
MSVOA_N
ClientSampleId :
PB112375ZHE#03

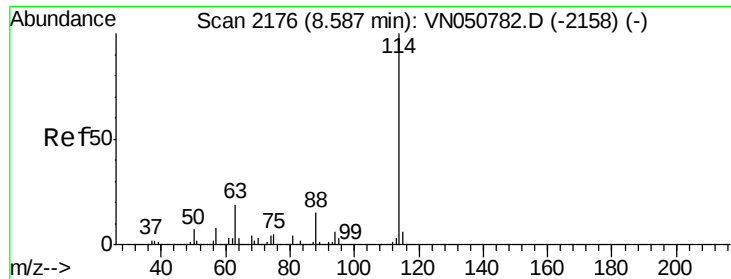
Tot Ion: 84 Resp: 43798
Ion Ratio Lower Upper
84 100
49 109.2 93.2 139.8
51 33.4 29.0 43.6
86 58.2 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 54.02 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050896.D
Acq: 27 Aug 2018 14:08

Tgt Ion: 65 Resp: 414451
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.4



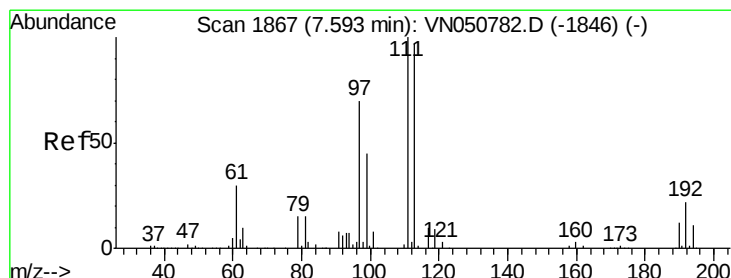
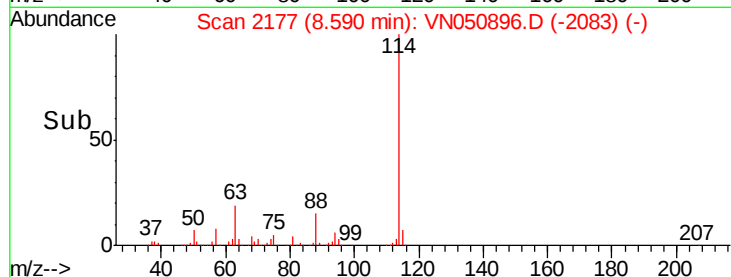
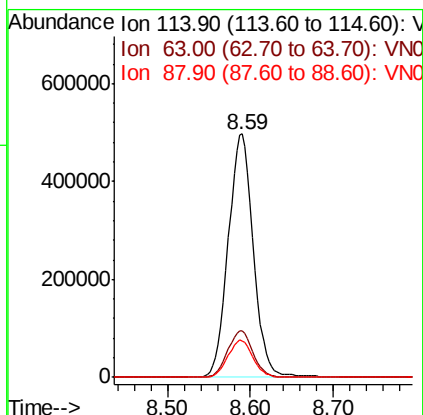
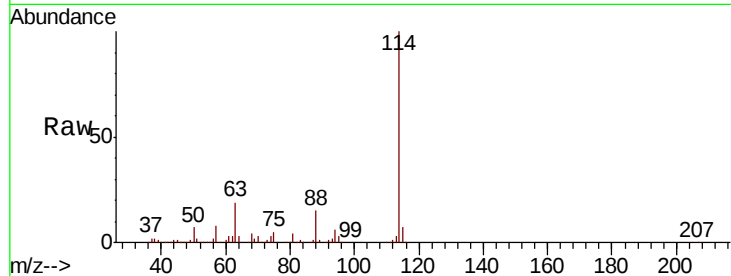


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050896.D
 Acq: 27 Aug 2018 14:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375ZHE#03

Tot Ion:114 Resp: 1048797

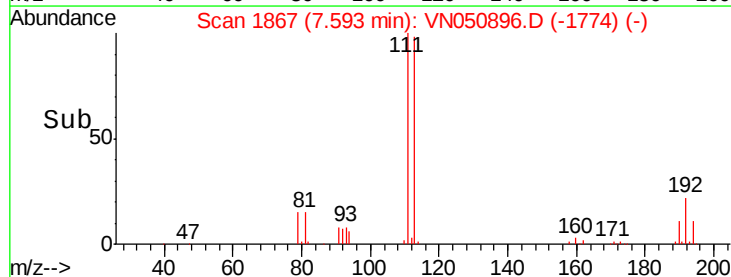
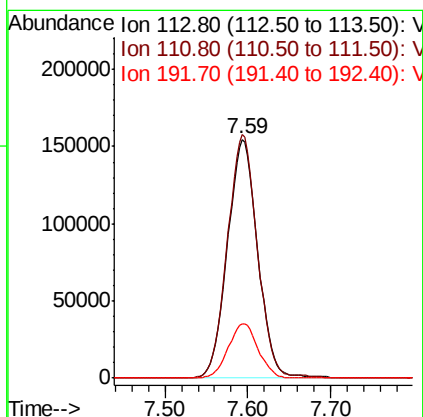
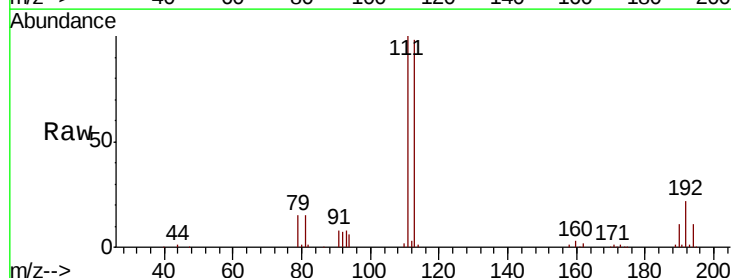
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.0	0.0	30.6

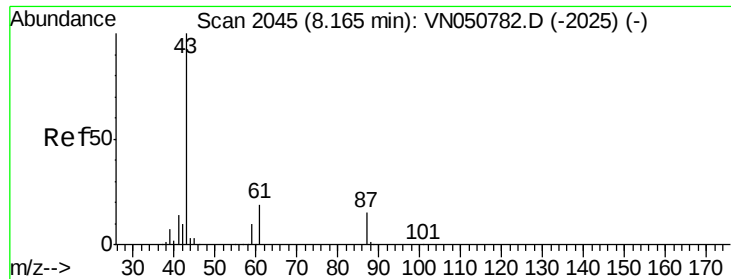


#35
 Dibromofluoromethane
 Concen: 46.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050896.D
 Acq: 27 Aug 2018 14:08

Tgt Ion:113 Resp: 391559

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	22.5	18.0	27.0



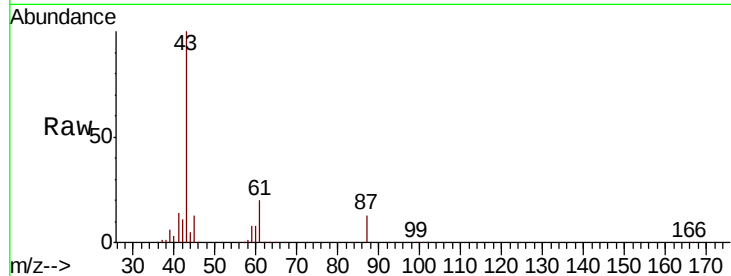


#43

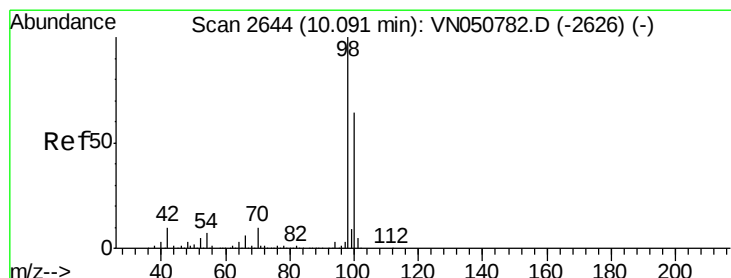
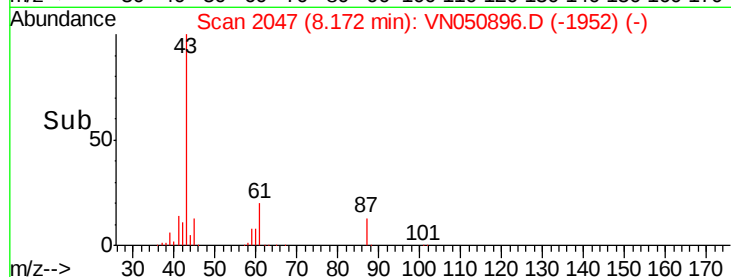
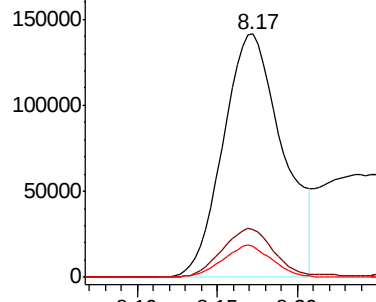
Isopropyl Acetate
 Concen: 29.80 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050896.D
 Acq: 27 Aug 2018 14:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375ZHE#03

Tot Ion: 43 Resp: 364231
 Ion Ratio Lower Upper
 43 100
 61 18.0 17.5 26.3
 87 11.1 11.3 16.9#



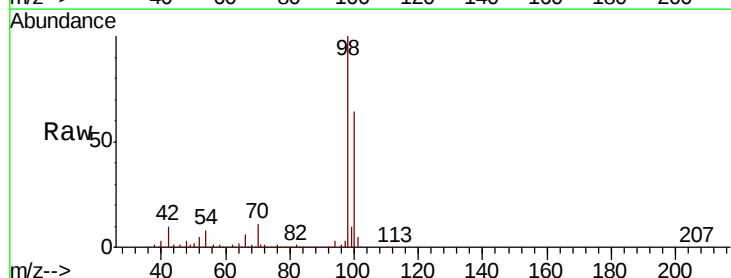
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



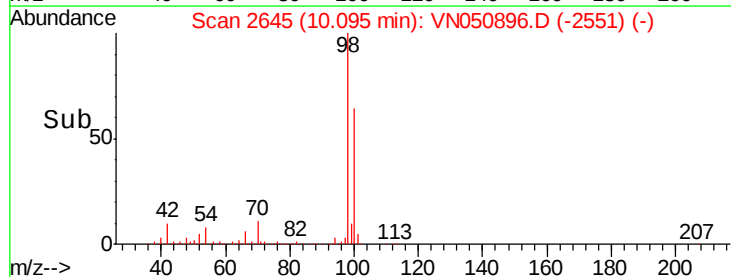
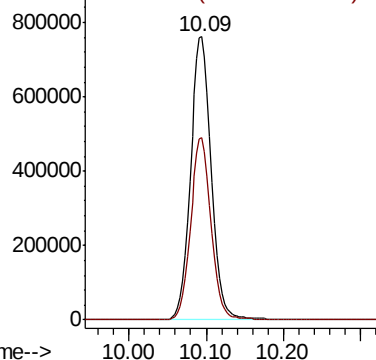
#50

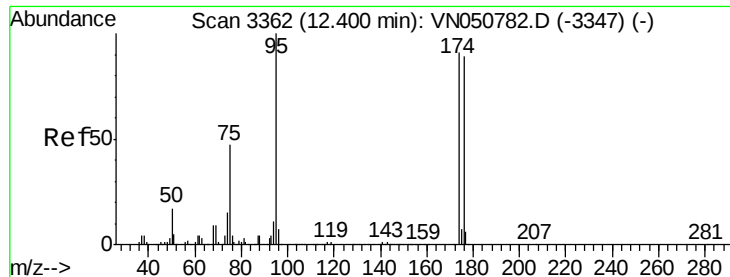
Toluene-d8
 Concen: 45.62 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050896.D
 Acq: 27 Aug 2018 14:08

Tgt Ion: 98 Resp: 1423270
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.5 77.3



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





#62

4-Bromofluorobenzene

Concen: 39.09 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050896.D

Acq: 27 Aug 2018 14:08

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#03

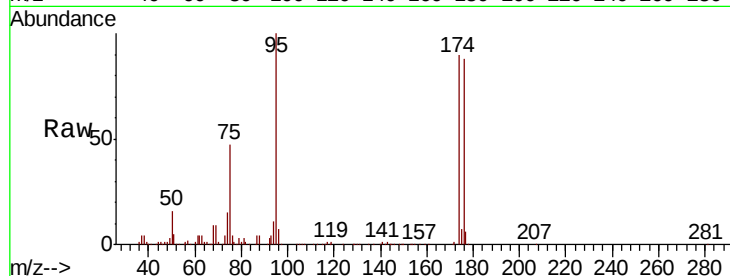
Tot Ion: 95 Resp: 405183

Ion Ratio Lower Upper

95 100

174 91.1 0.0 183.0

176 88.4 0.0 178.8

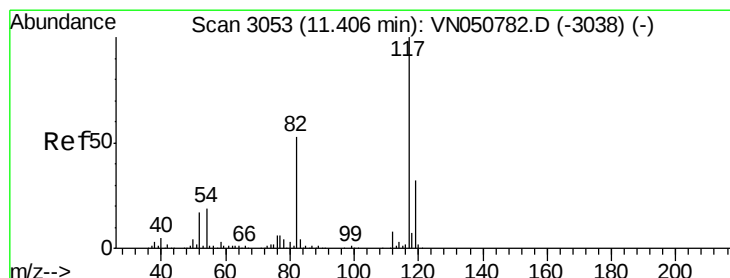
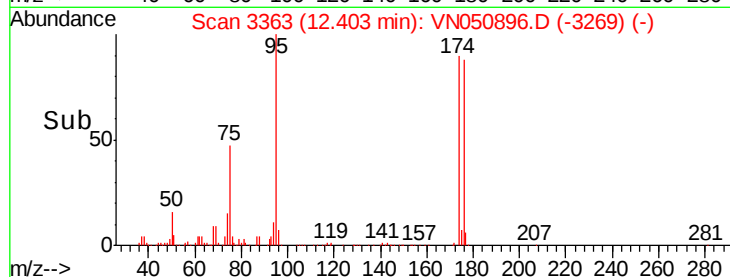
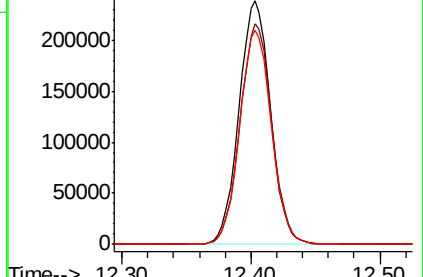


Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

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

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

12.40



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050896.D

Acq: 27 Aug 2018 14:08

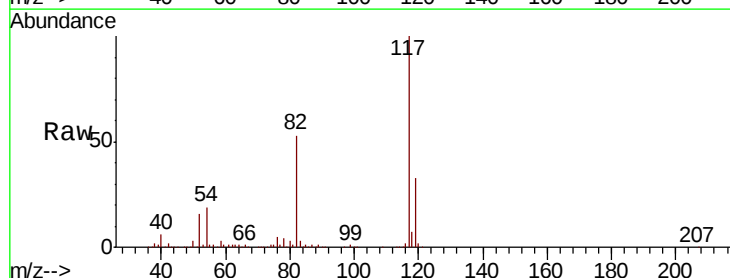
Tgt Ion: 117 Resp: 890052

Ion Ratio Lower Upper

117 100

82 53.5 42.6 64.0

119 32.6 25.8 38.6

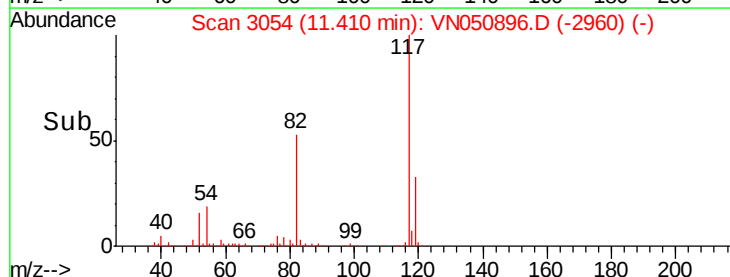
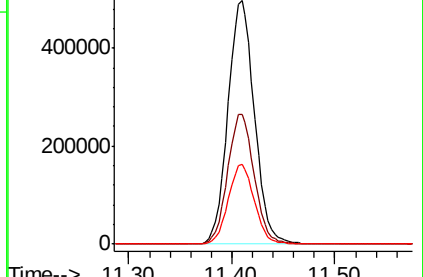


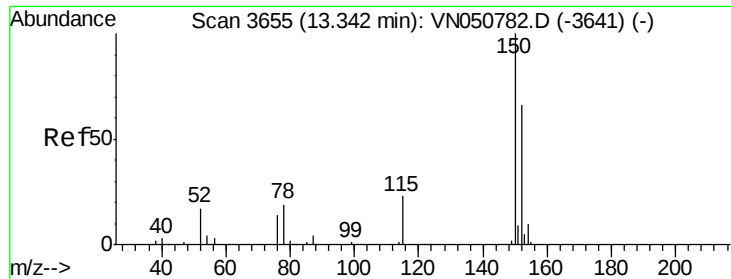
Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

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

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

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050896.D

Acq: 27 Aug 2018 14:08

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#03

Tot Ion:152 Resp: 341243

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

150 156.2 0.0 351.4

