

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050662.D
 Acq On : 15 Aug 2018 18:07
 Operator : MD\SY
 Sample : PB1112055ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB1112055ZHE#02

Quant Time: Aug 16 04:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	594632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1003642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	860918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319042	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	414616	55.32	ug/l	0.00
Spiked Amount						
			Recovery	=	110.64%	
35) Dibromofluoromethane	7.59	113	383335	47.84	ug/l	0.00
Spiked Amount						
			Recovery	=	95.68%	
50) Toluene-d8	10.09	98	1366153	45.30	ug/l	0.00
Spiked Amount						
			Recovery	=	90.60%	
62) 4-Bromofluorobenzene	12.40	95	385757	38.72	ug/l	0.00
Spiked Amount						
			Recovery	=	77.44%	

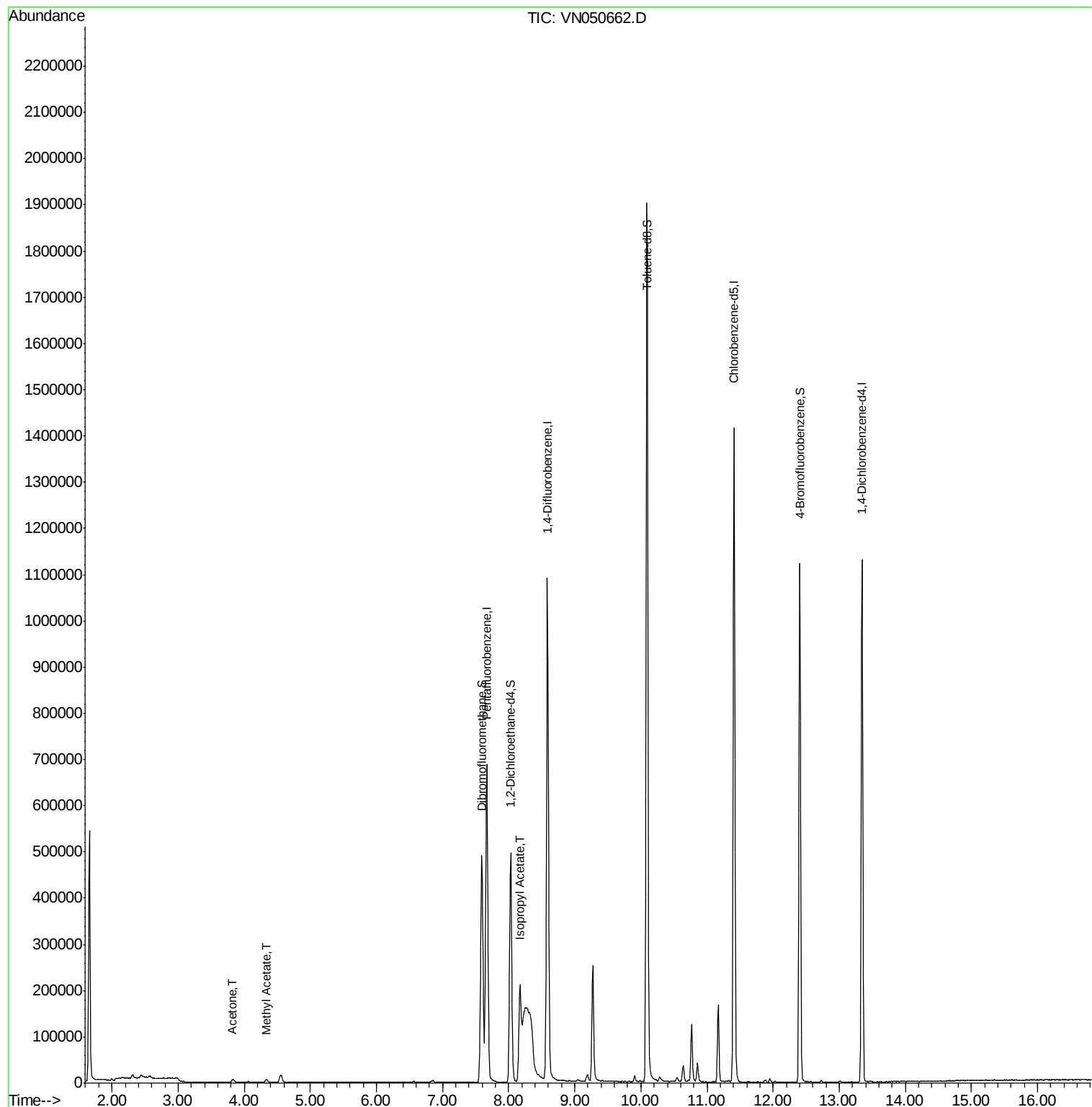
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	13058	5.56	ug/l	91
18) Methyl Acetate	4.33	43	12388	1.39	ug/l	92
43) Isopropyl Acetate	8.17	43	267460	23.24	ug/l	95

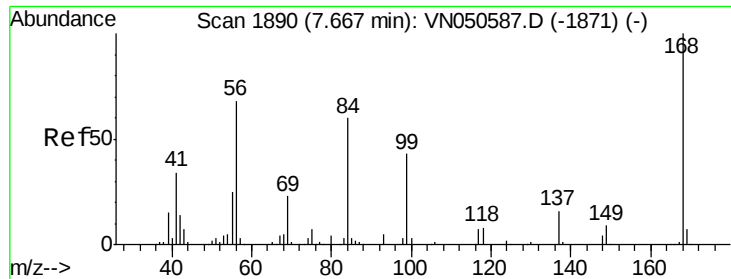
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050662.D

Acq: 15 Aug 2018 18:07

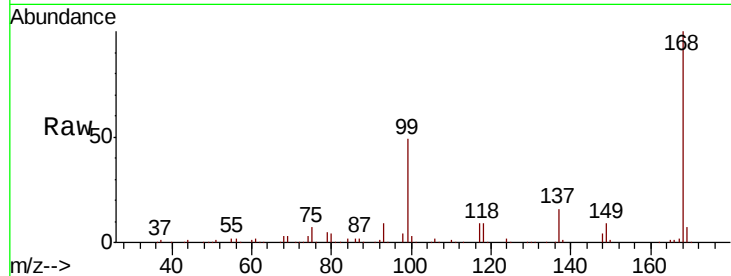
Instrument :
MSVOA_N
ClientSampleId :
PB1112055ZHE#02

Tot Ion:168 Resp: 594632

Ion Ratio Lower Upper

168 100

99 49.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

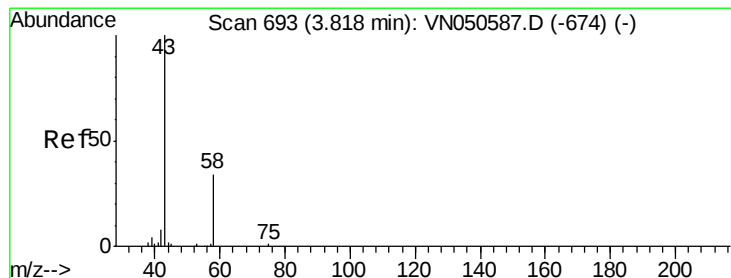
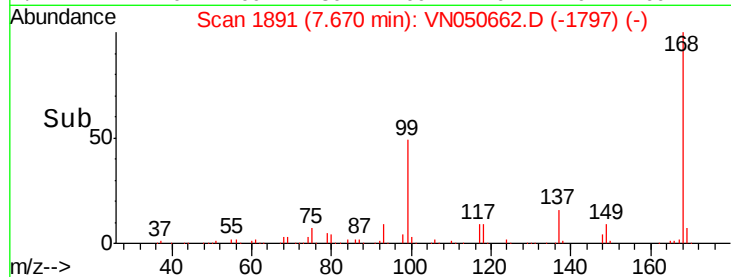
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.56 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050662.D

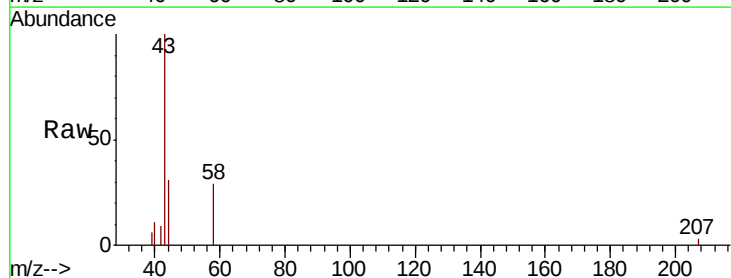
Acq: 15 Aug 2018 18:07

Tgt Ion: 43 Resp: 13058

Ion Ratio Lower Upper

43 100

58 28.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

5000

4000

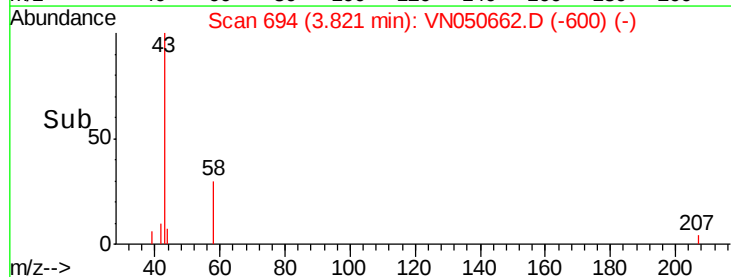
3000

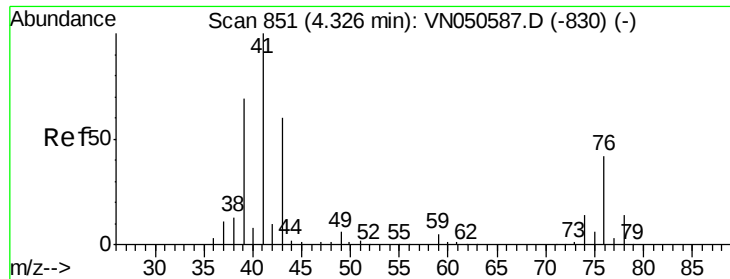
2000

1000

0

Time-->

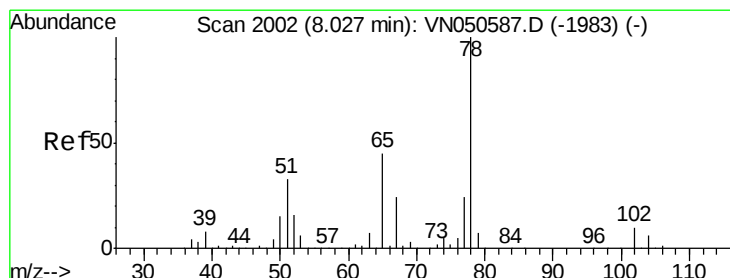
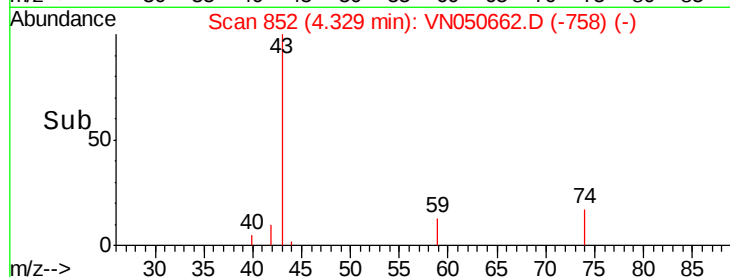
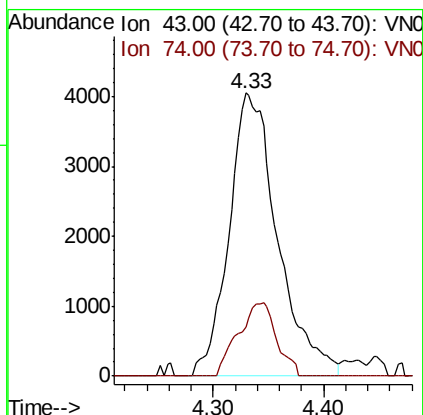
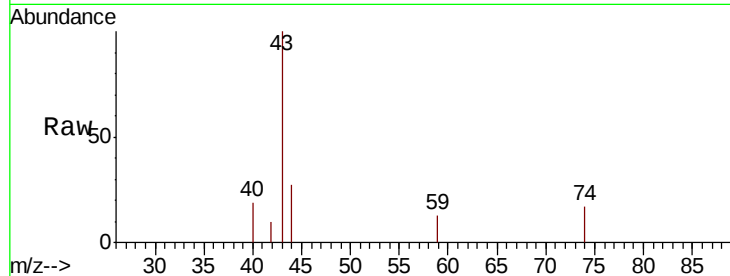




#18
Methvl Acetate
Concen: 1.39 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050662.D
Acq: 15 Aug 2018 18:07

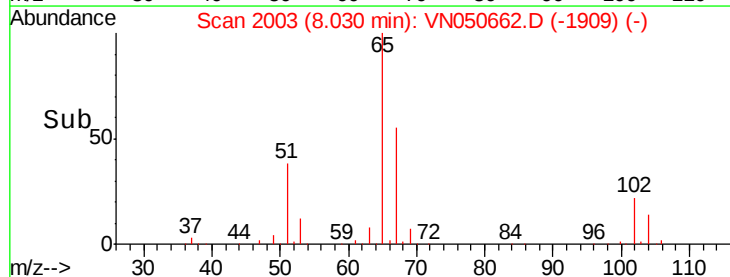
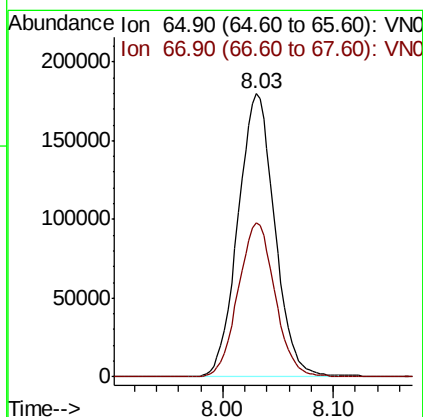
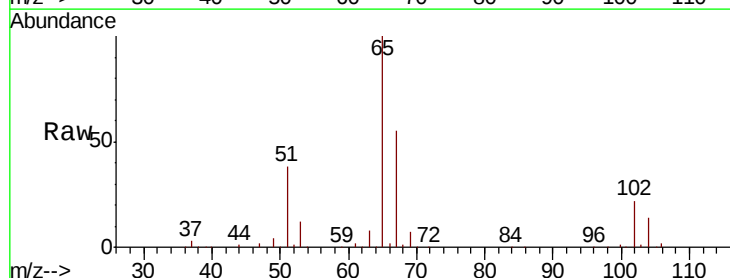
Instrument :
MSVOA_N
ClientSampleId :
PB1112055ZHE#02

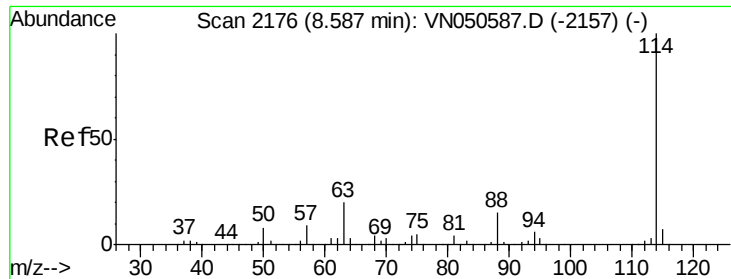
Tot Ion: 43 Resp: 12388
Ion Ratio Lower Upper
43 100
74 20.4 19.7 29.5



#33
1,2-Dichloroethane-d4
Concen: 55.32 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050662.D
Acq: 15 Aug 2018 18:07

Tgt Ion: 65 Resp: 414616
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.8

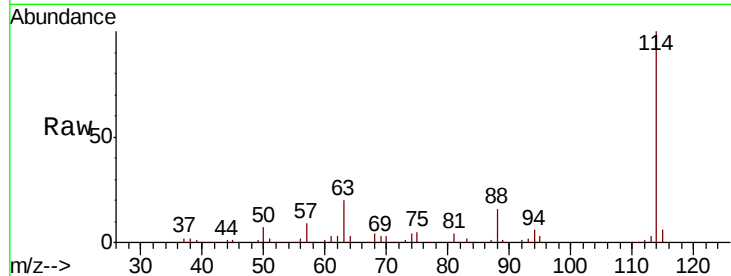




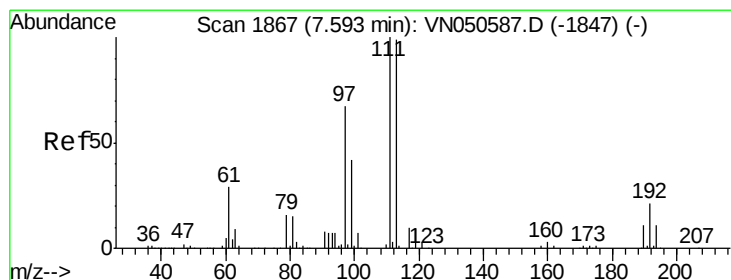
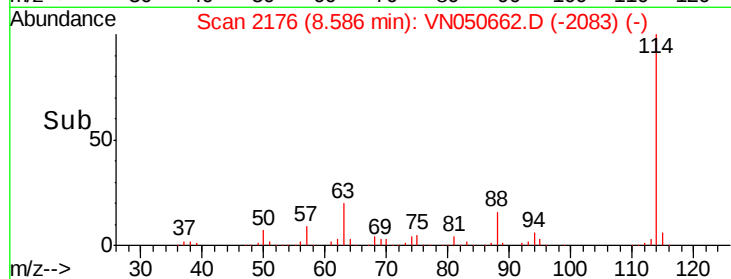
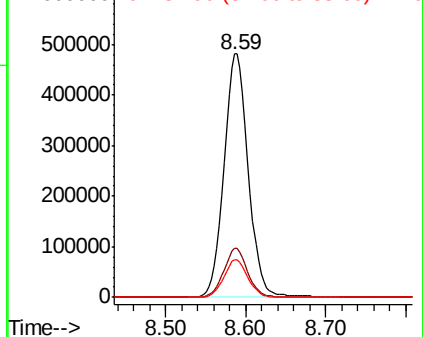
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050662.D
 Acq: 15 Aug 2018 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB1112055ZHE#02

Tot Ion:114 Resp: 1003642
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.6 0.0 30.8

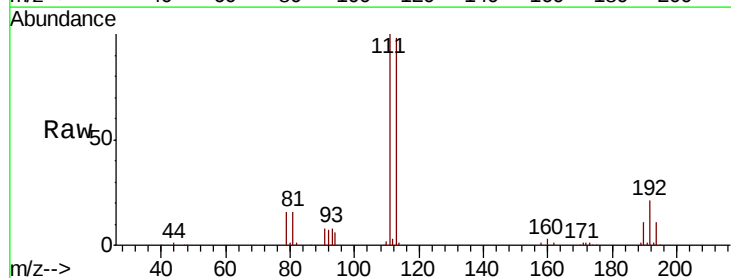


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

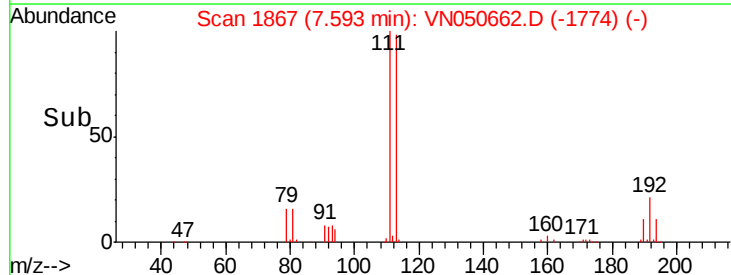
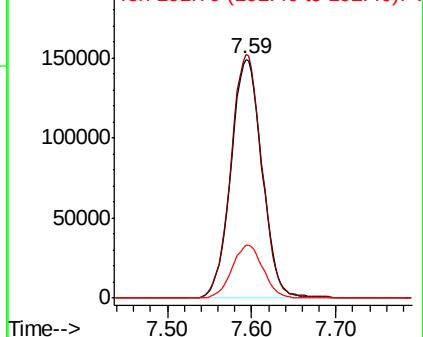


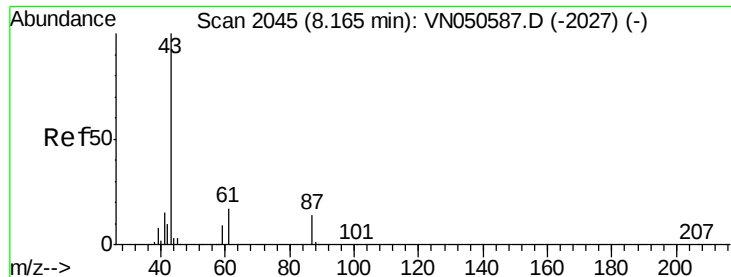
#35
 Dibromofluoromethane
 Concen: 47.84 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050662.D
 Acq: 15 Aug 2018 18:07

Tgt Ion:113 Resp: 383335
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.0 121.6
 192 22.2 17.6 26.4



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: 23.24 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050662.D

Acq: 15 Aug 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

PB1112055ZHE#02

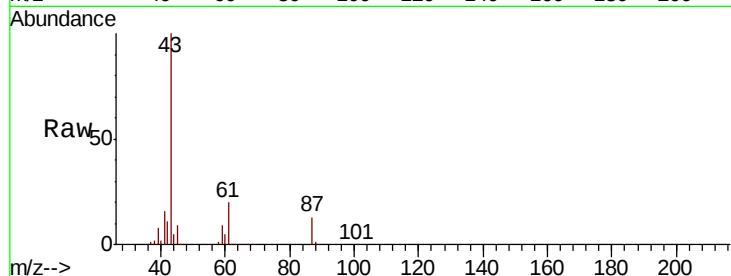
Tot Ion: 43 Resp: 267460

Ion Ratio Lower Upper

43 100

61 17.7 16.2 24.2

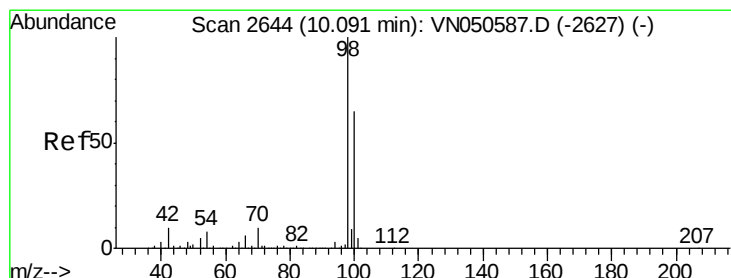
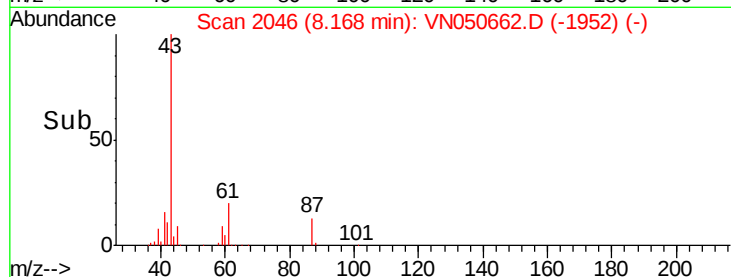
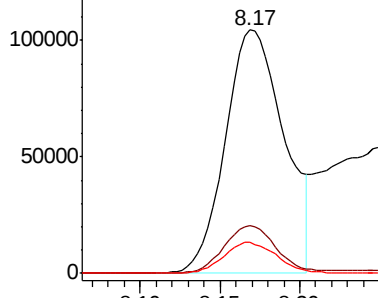
87 11.5 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#50

Toluene-d8

Concen: 45.30 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050662.D

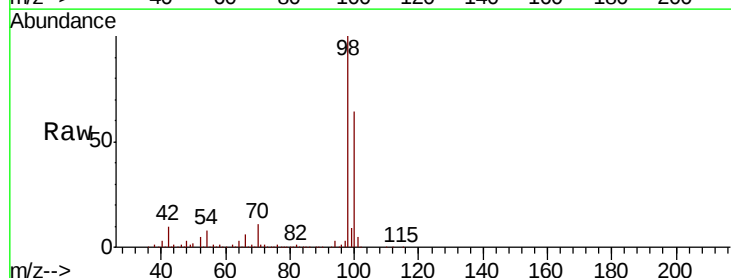
Acq: 15 Aug 2018 18:07

Tgt Ion: 98 Resp: 1366153

Ion Ratio Lower Upper

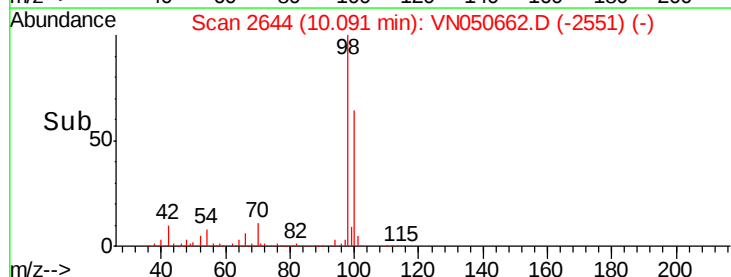
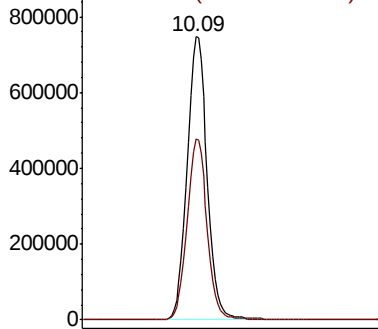
98 100

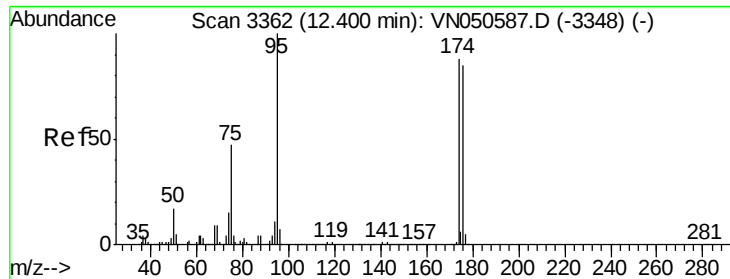
100 63.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)





#62

4-Bromofluorobenzene

Concen: 38.72 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050662.D

Acq: 15 Aug 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

PB1112055ZHE#02

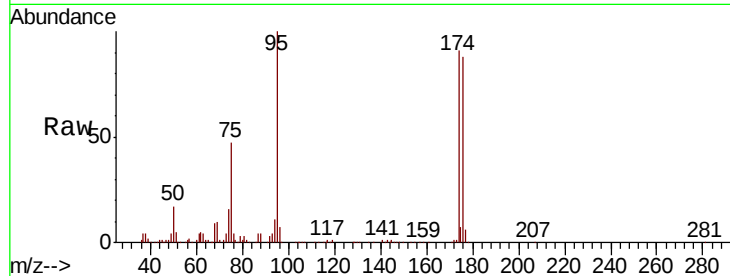
Tot Ion: 95 Resp: 385757

Ion Ratio Lower Upper

95 100

174 91.4 0.0 177.8

176 87.5 0.0 175.0

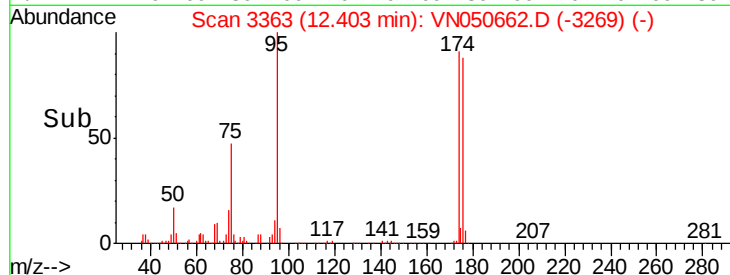


Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)

Time--> 12.30 12.40 12.50

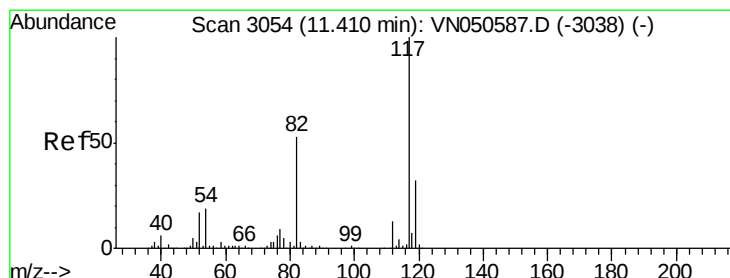


Abundance Ion 94.90 (94.60 to 95.60): VN050662.D (-3269) (-)

Ion 173.80 (173.50 to 174.50): VN050662.D (-3269) (-)

Ion 175.80 (175.50 to 176.50): VN050662.D (-3269) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050662.D

Acq: 15 Aug 2018 18:07

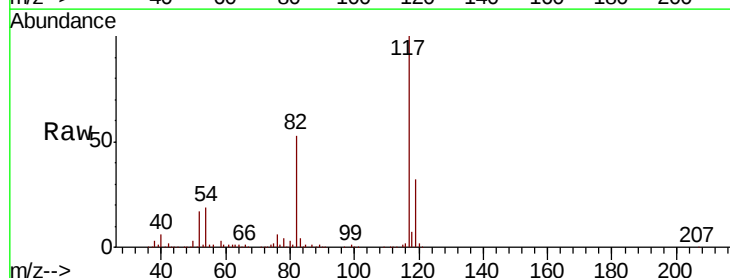
Tgt Ion: 117 Resp: 860918

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

119 32.1 25.8 38.8

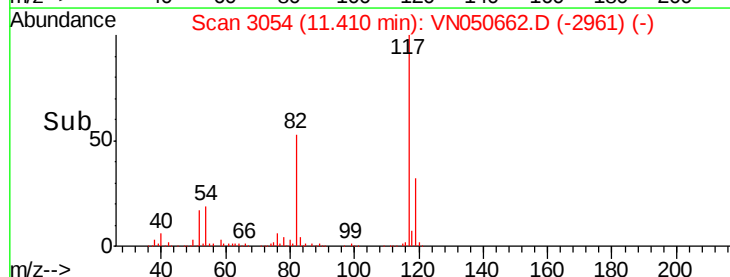


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)

Time--> 11.30 11.40 11.50

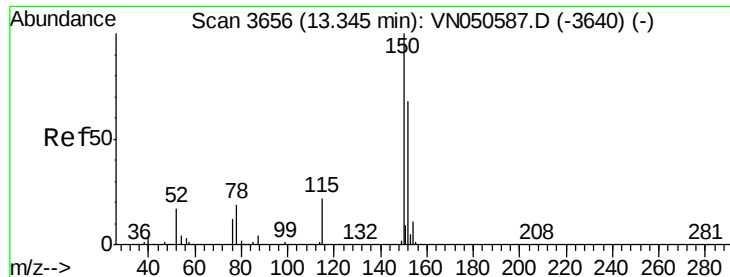


Abundance Ion 116.90 (116.60 to 117.60): VN050662.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050662.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050662.D (-2961) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050662.D

Acq: 15 Aug 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

PB1112055ZHE#02

Tot Ion:152 Resp: 319042

Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.2

150 159.6 0.0 347.8

