

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050606.D
 Acq On : 14 Aug 2018 16:50
 Operator : MD\SY
 Sample : J4427-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB47197

Quant Time: Aug 15 11:38:18 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	647133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1063528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	889053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	335355	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	441994	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
35) Dibromofluoromethane	7.59	113	410158	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	10.09	98	1455963	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.40	95	401482	38.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.06%	

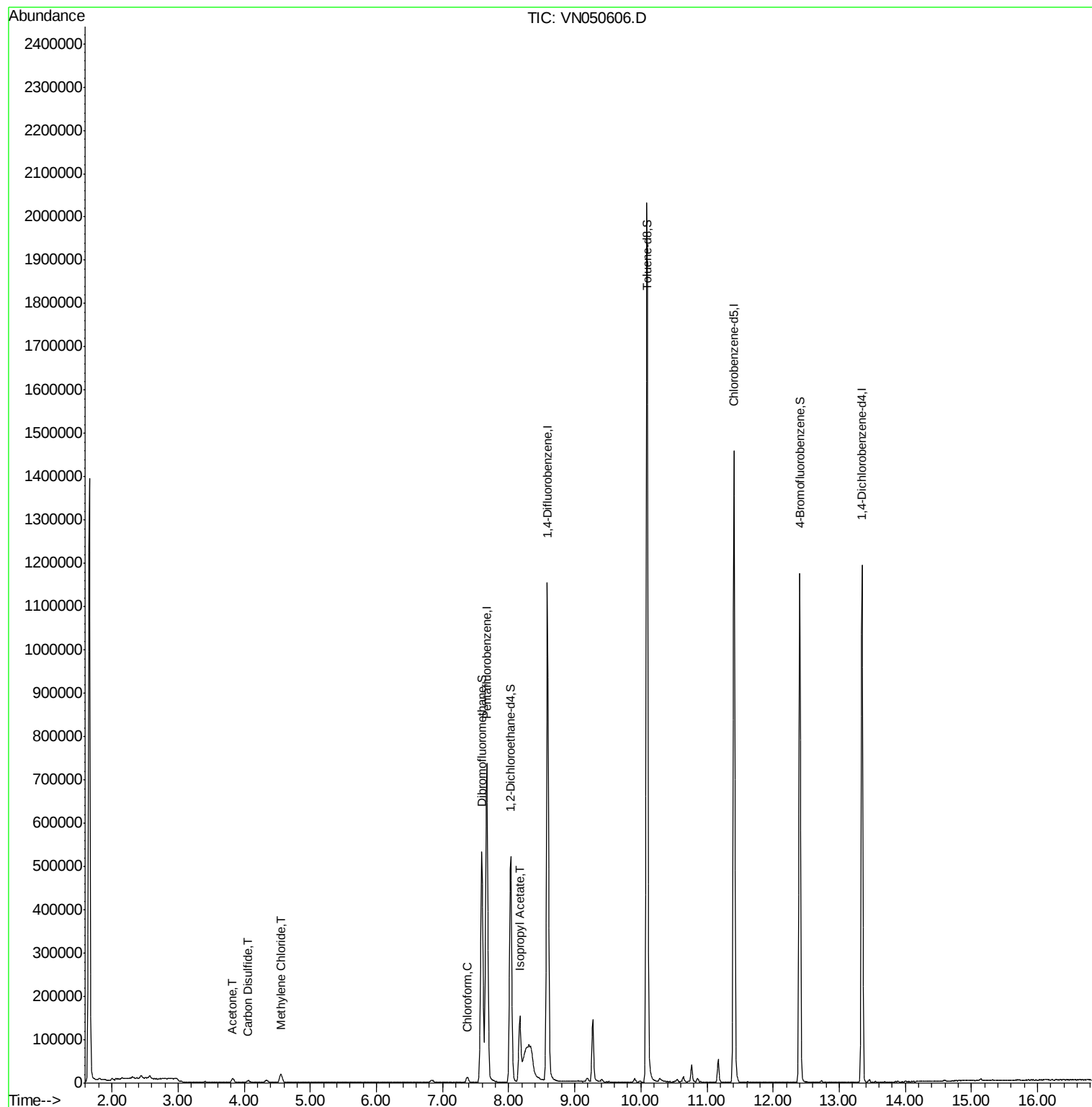
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	15794	6.34	ug/l	97
17) Carbon Disulfide	4.05	76	7027	0.32	ug/l	99
20) Methylene Chloride	4.56	84	15062	0.69	ug/l	88
30) Chloroform	7.38	83	14194	0.97	ug/l	93
43) Isopropyl Acetate	8.17	43	193019	15.83	ug/l	97

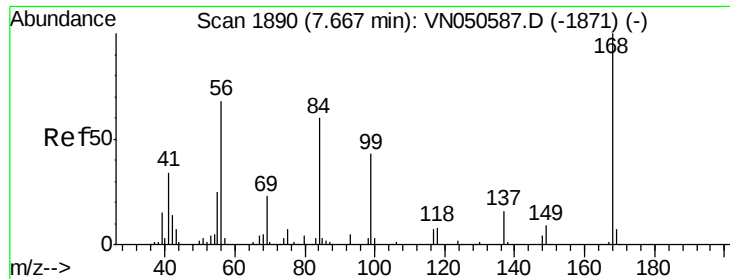
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050606.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_N

ClientSampled :

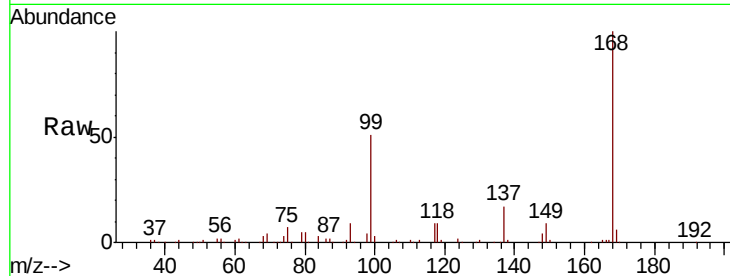
RB47197

Tot Ion:168 Resp: 647133

Ion Ratio Lower Upper

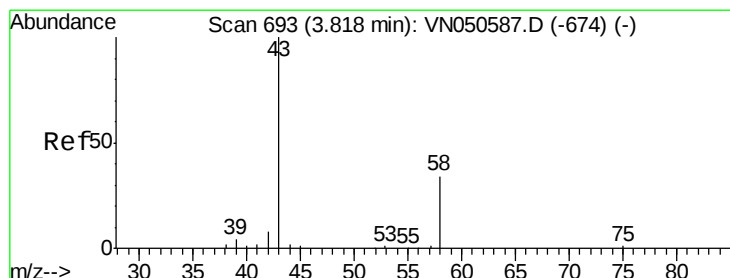
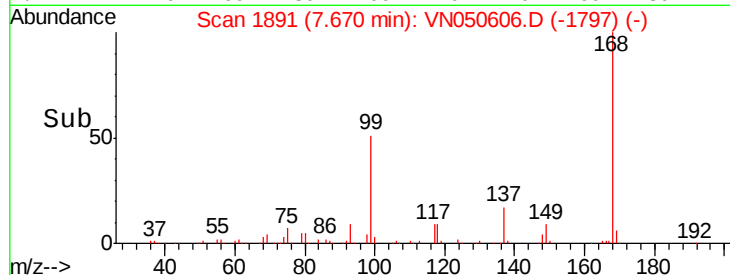
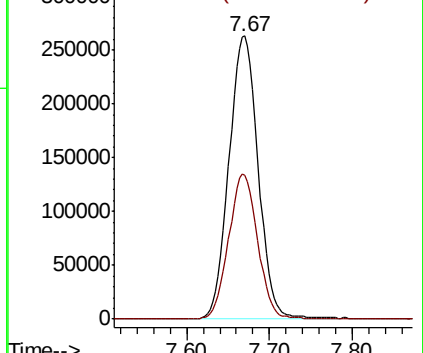
168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.34 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050606.D

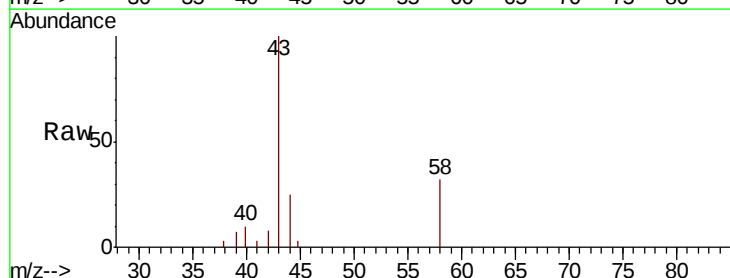
Acq: 14 Aug 2018 16:50

Tgt Ion: 43 Resp: 15794

Ion Ratio Lower Upper

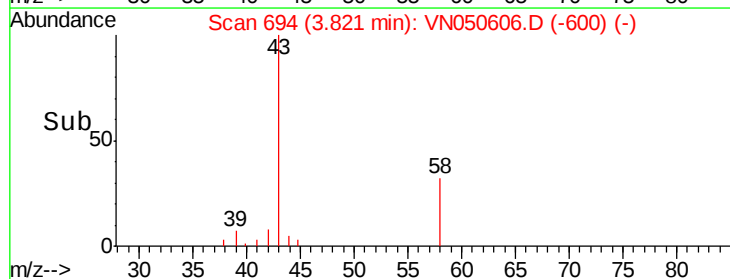
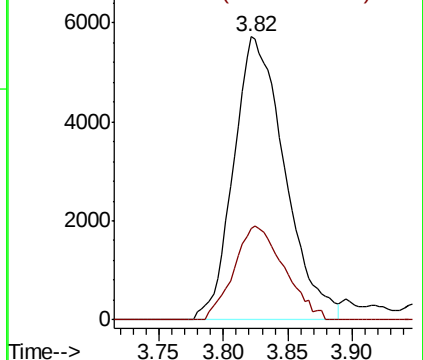
43 100

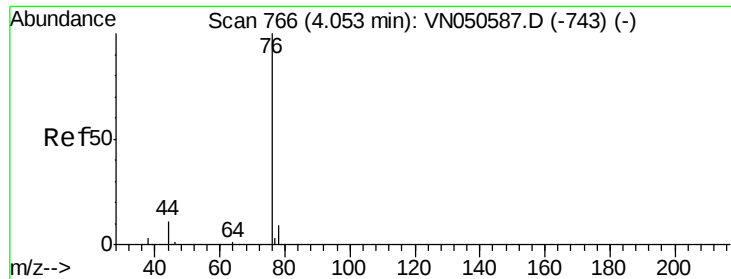
58 32.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

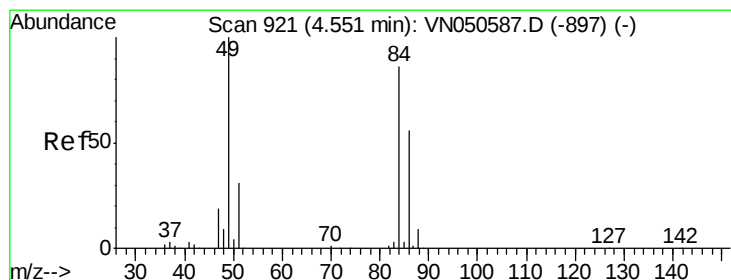
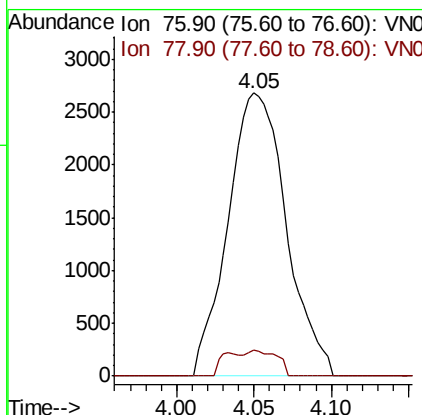
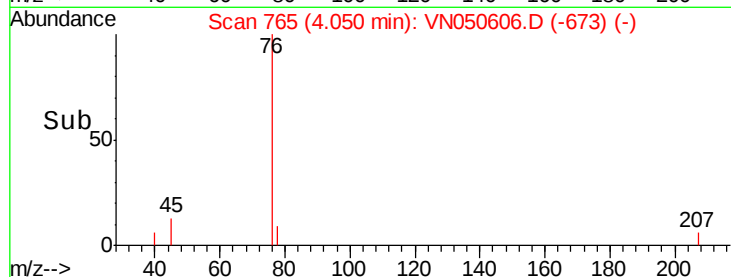
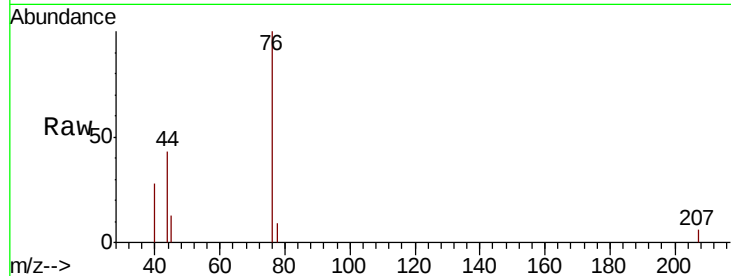




#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050606.D
Acq: 14 Aug 2018 16:50

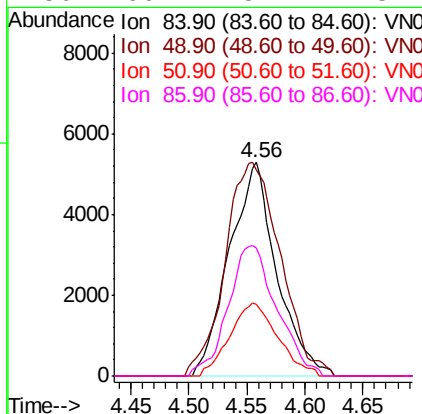
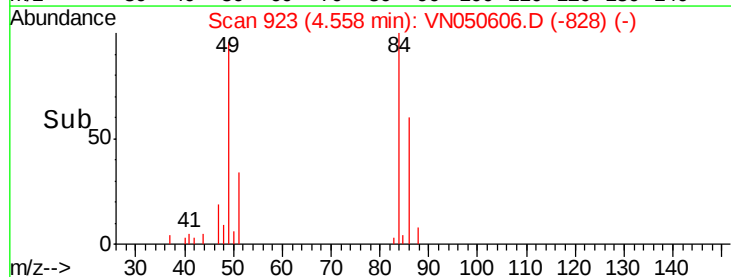
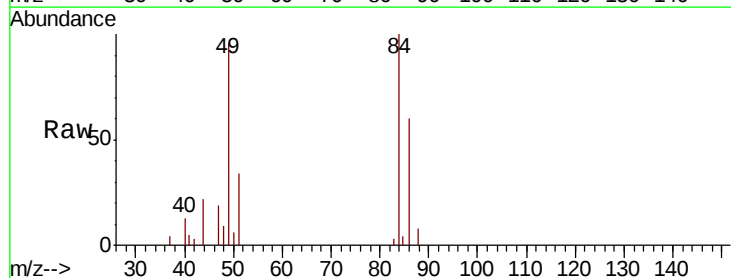
Instrument :
MSVOA_N
ClientSampleId :
RB47197

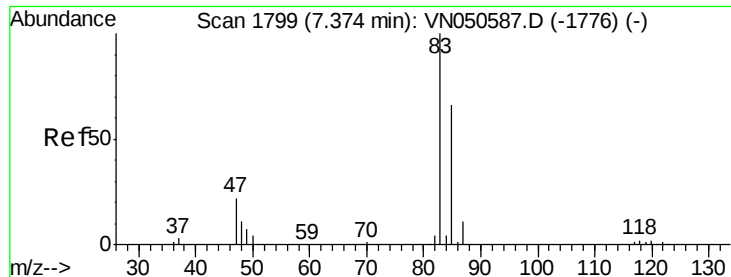
Tot Ion: 76 Resp: 7027
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#20
Methylene Chloride
Concen: 0.69 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050606.D
Acq: 14 Aug 2018 16:50

Tgt Ion: 84 Resp: 15062
Ion Ratio Lower Upper
84 100
49 96.4 92.6 138.8
51 33.9 28.6 43.0
86 60.2 52.2 78.2





#30

Chloroform

Concen: 0.97 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050606.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

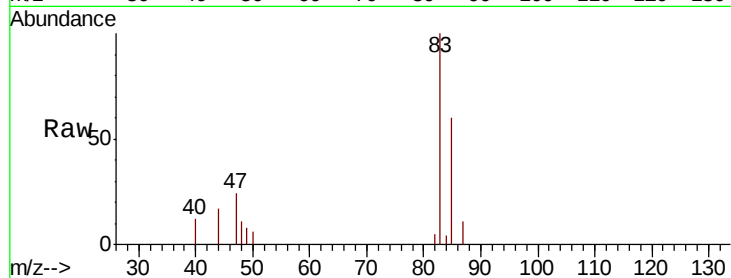
RB47197

Tot Ion: 83 Resp: 14194

Ion Ratio Lower Upper

83 100

85 60.1 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-1776) (-)

7.38

6000

5000

4000

3000

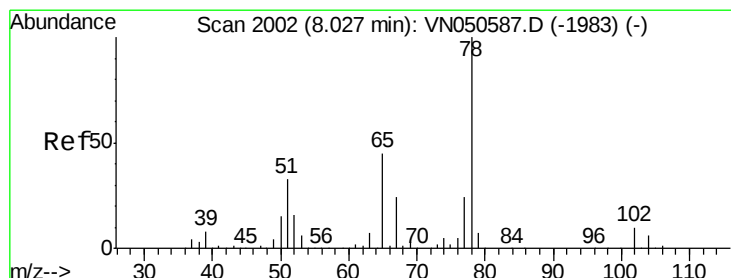
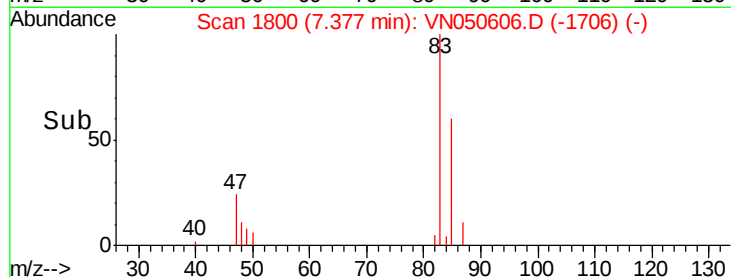
2000

1000

0

7.30 7.35 7.40 7.45

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.18 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050606.D

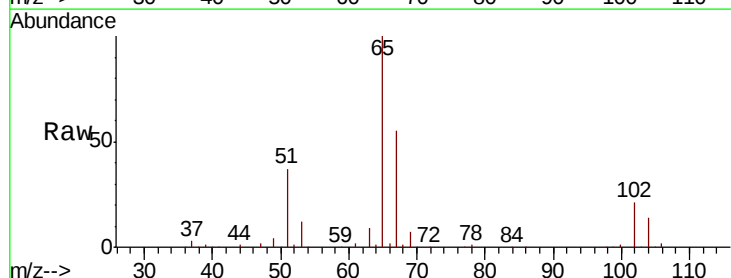
Acq: 14 Aug 2018 16:50

Tgt Ion: 65 Resp: 441994

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050587.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050587.D (-1983) (-)

8.03

200000

150000

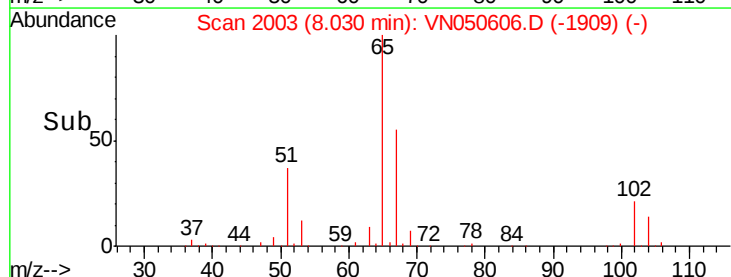
100000

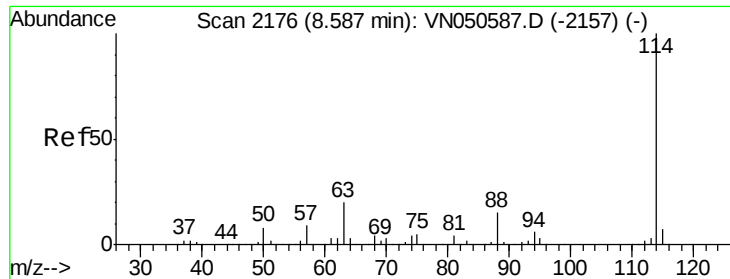
50000

0

7.90 8.00 8.10

Time-->

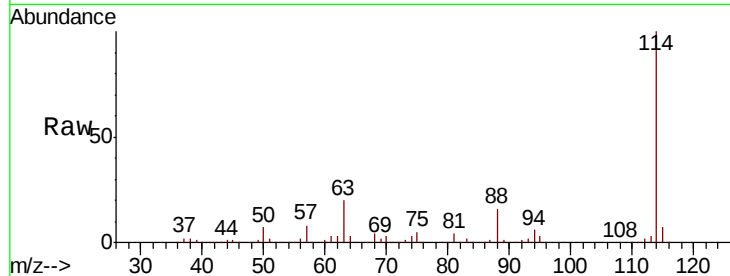




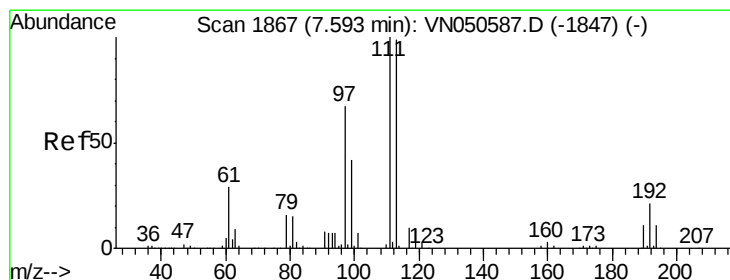
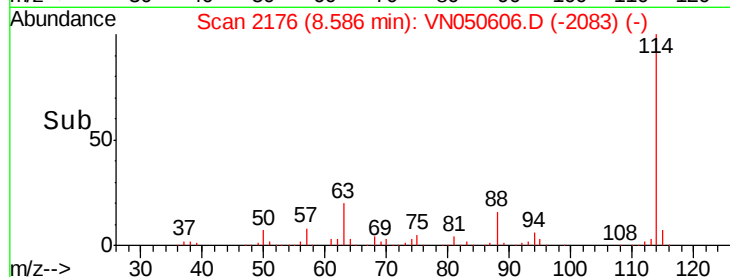
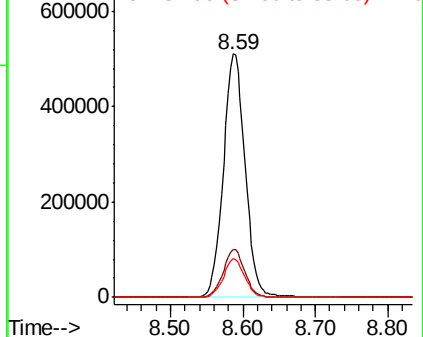
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050606.D
 Acq: 14 Aug 2018 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 RB47197

Tot Ion:114 Resp: 1063528
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.8 0.0 30.8

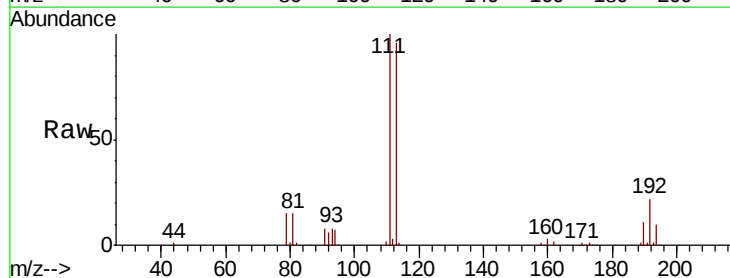


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

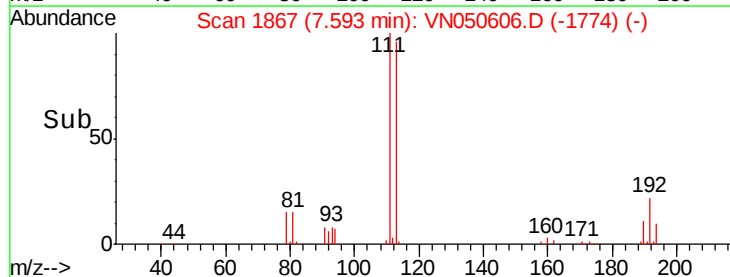
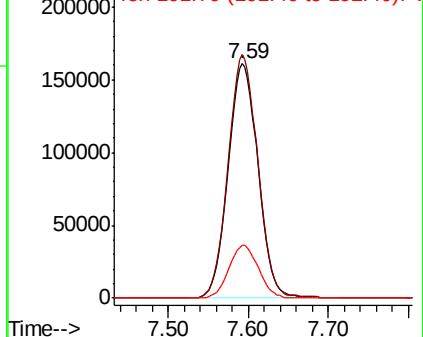


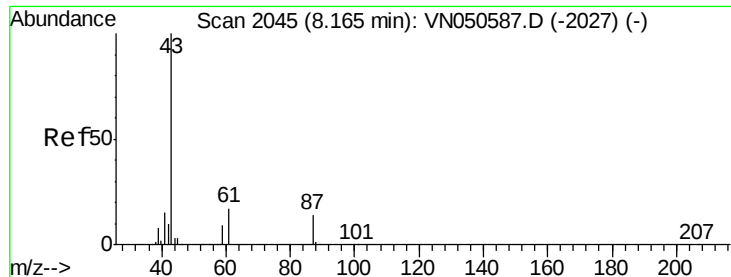
#35
 Dibromofluoromethane
 Concen: 48.31 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050606.D
 Acq: 14 Aug 2018 16:50

Tgt Ion:113 Resp: 410158
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.6
 192 22.3 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: 15.83 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050606.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

RB47197

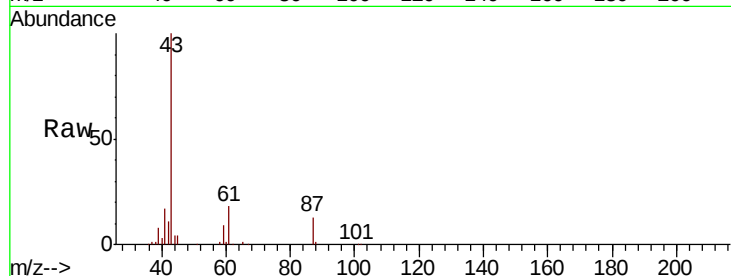
Tot Ion: 43 Resp: 193019

Ion Ratio Lower Upper

43 100

61 19.1 16.2 24.2

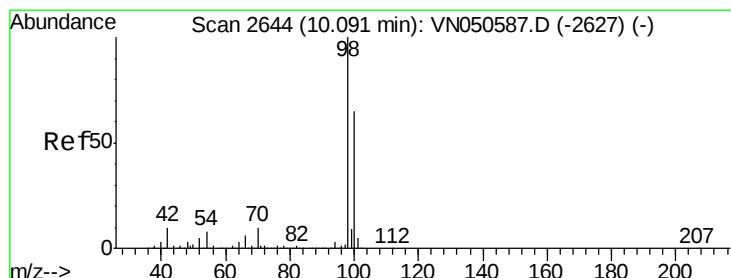
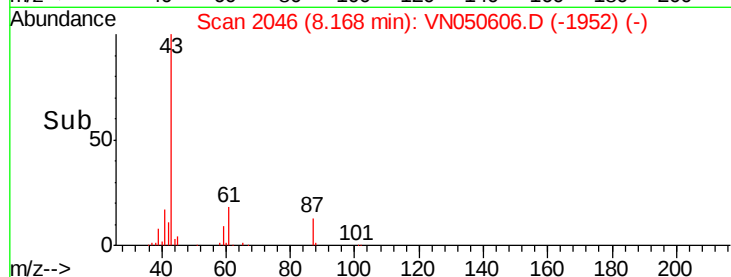
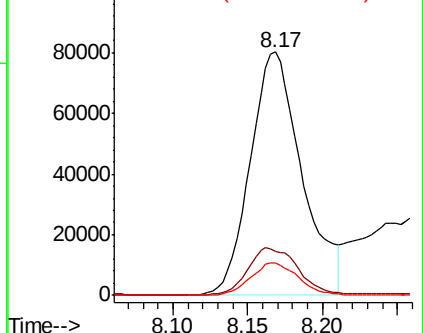
87 12.2 10.9 16.3



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: 45.56 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050606.D

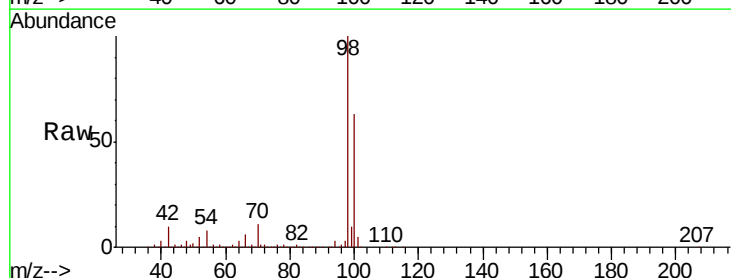
Acq: 14 Aug 2018 16:50

Tgt Ion: 98 Resp: 1455963

Ion Ratio Lower Upper

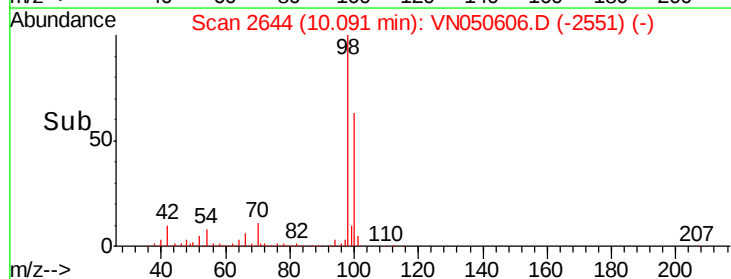
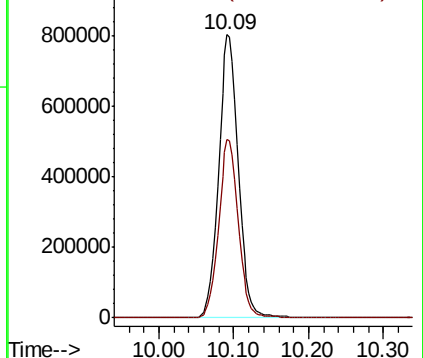
98 100

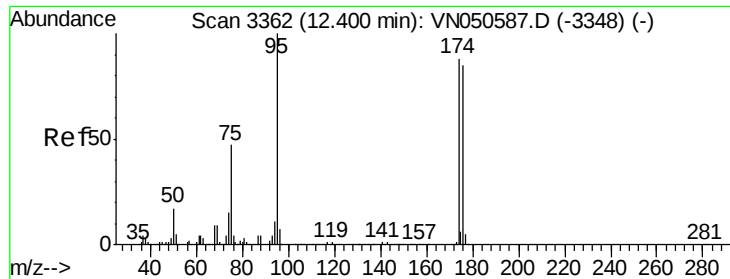
100 63.1 51.8 77.8



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: 38.03 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050606.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

RB47197

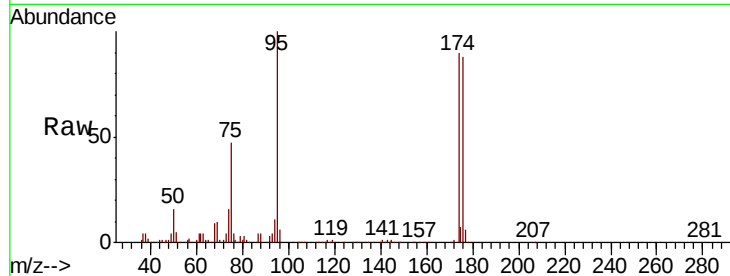
Tot Ion: 95 Resp: 401482

Ion Ratio Lower Upper

95 100

174 91.2 0.0 177.8

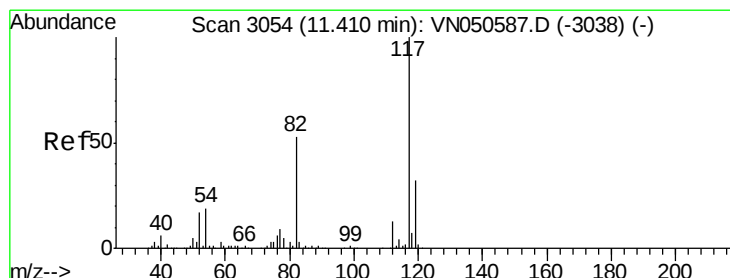
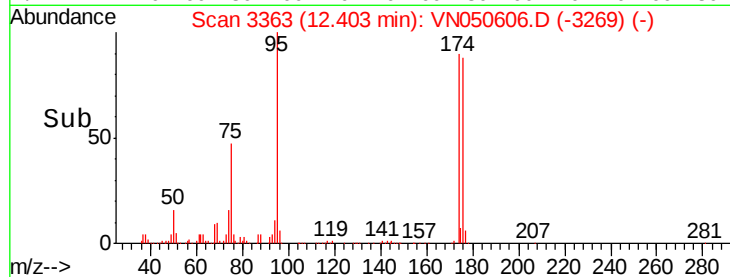
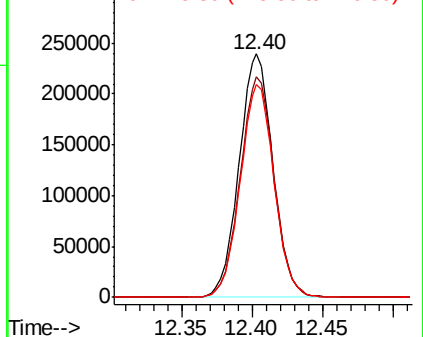
176 87.8 0.0 175.0



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: VN050606.D

Acq: 14 Aug 2018 16:50

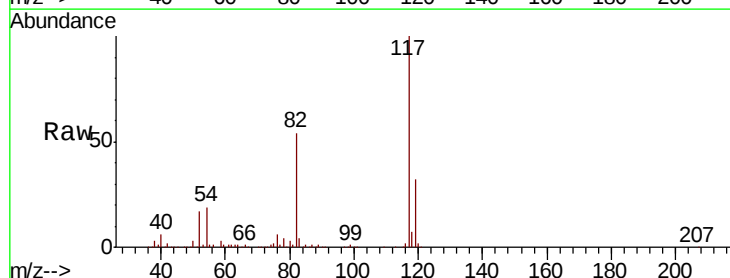
Tgt Ion: 117 Resp: 889053

Ion Ratio Lower Upper

117 100

82 54.0 42.4 63.6

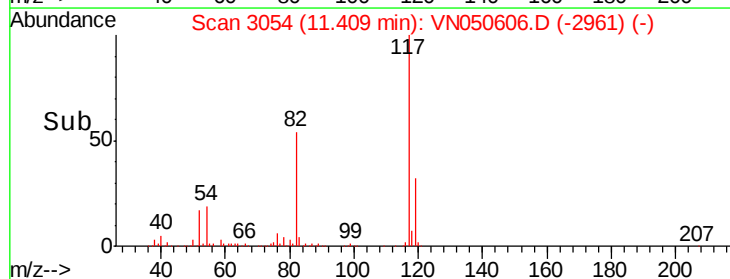
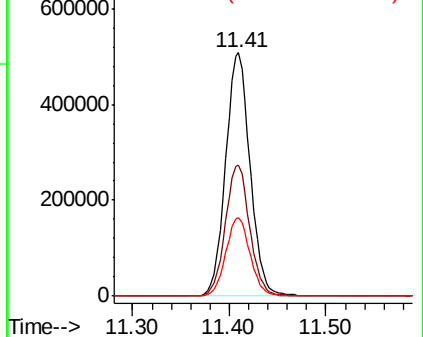
119 32.4 25.8 38.8

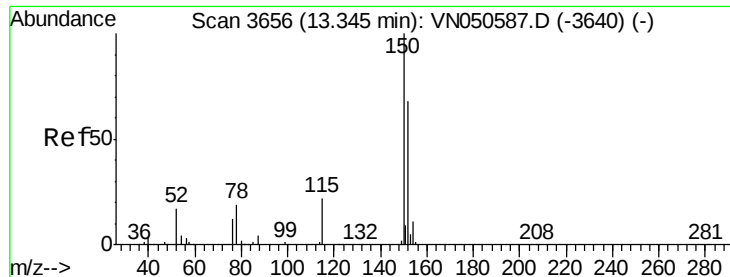


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050606.D

Acq: 14 Aug 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

RB47197

Tot Ion:152 Resp: 335355

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 157.2 0.0 347.8

