

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050185.D
 Acq On : 30 Jul 2018 14:19
 Operator : MD\SY
 Sample : PB111570ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111570ZHE#05

Quant Time: Jul 31 01:40:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	634480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1073062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	912184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	318179	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	448829	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
35) Dibromofluoromethane	7.59	113	406108	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
50) Toluene-d8	10.09	98	1435209	44.56	ug/l	0.00
Spiked Amount			Recovery	=	89.12%	
62) 4-Bromofluorobenzene	12.40	95	400049	37.72	ug/l	0.00
Spiked Amount			Recovery	=	75.44%	

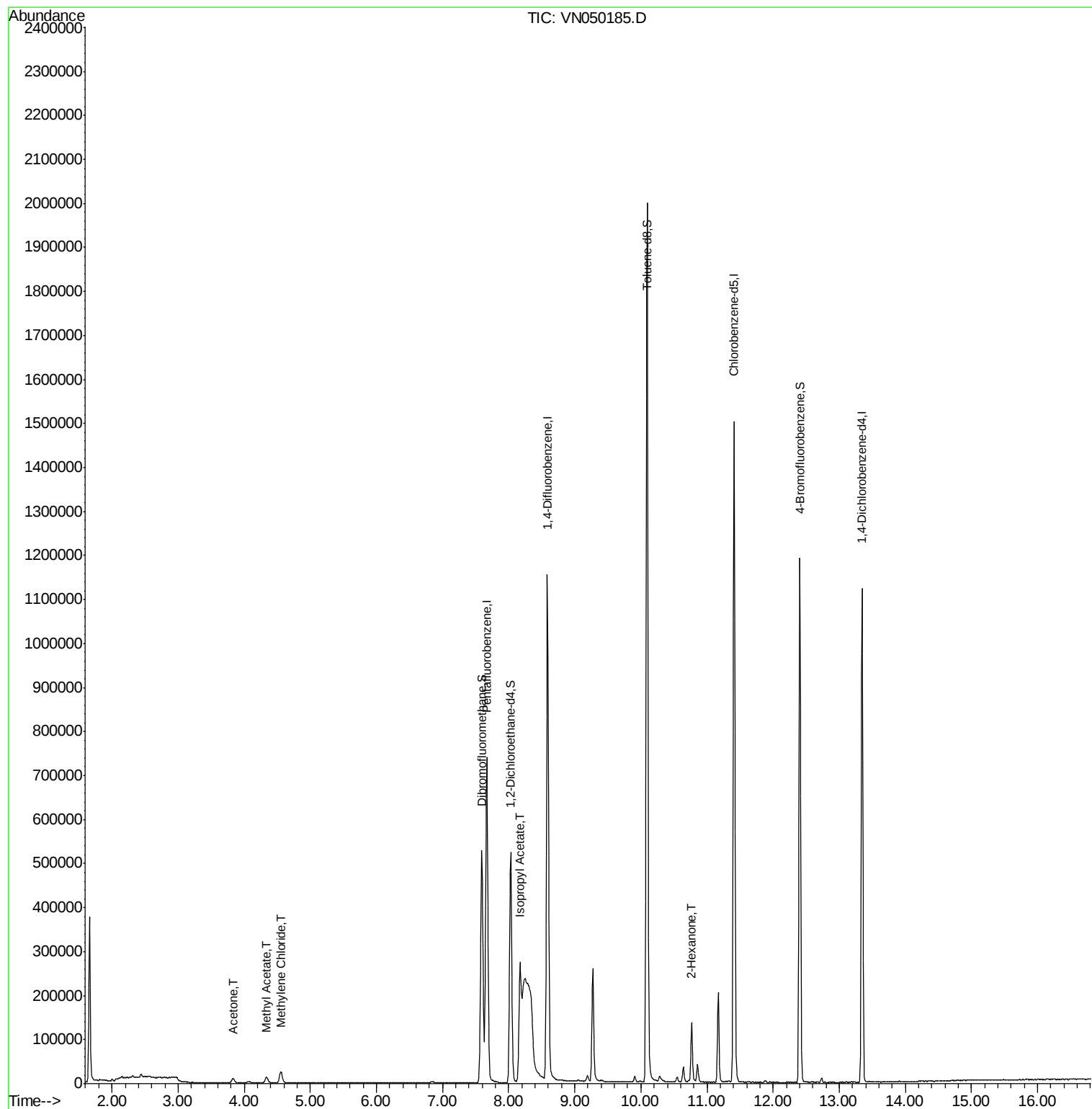
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	18670	4.69	ug/l	91
18) Methyl Acetate	4.33	43	25970	1.63	ug/l	98
20) Methylene Chloride	4.55	84	19852	1.31	ug/l	96
43) Isopropyl Acetate	8.17	43	330589	20.13	ug/l #	91
59) 2-Hexanone	10.77	43	18725	8.19	ug/l #	57

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

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050185.D

Acq: 30 Jul 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

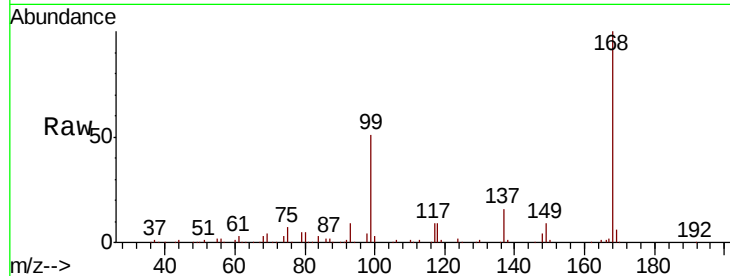
PB111570ZHE#05

Tot Ion:168 Resp: 634480

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050185.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050185.D (-1798) (-)

7.67

250000

200000

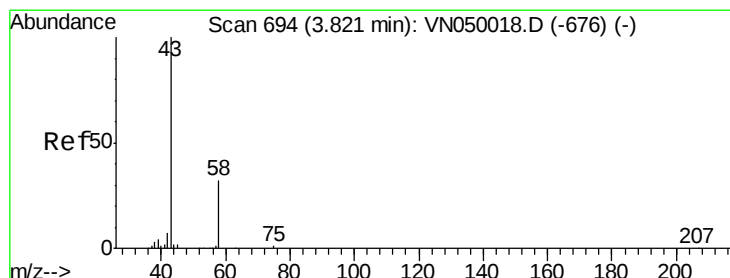
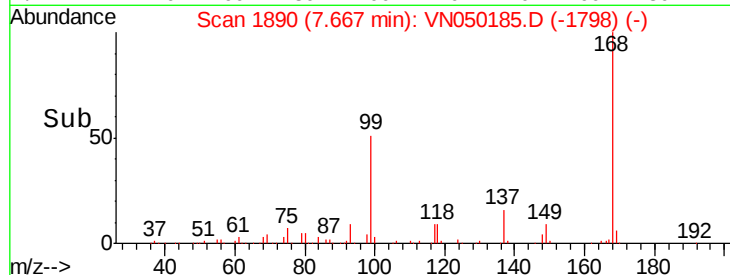
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.69 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050185.D

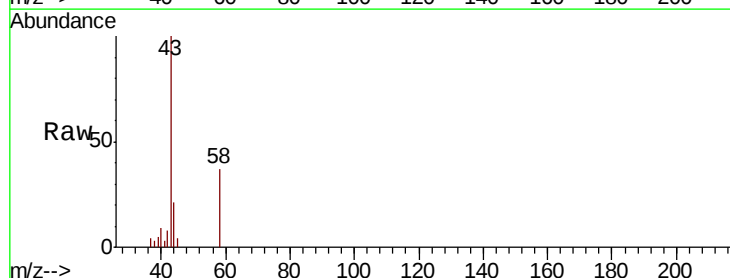
Acq: 30 Jul 2018 14:19

Tgt Ion: 43 Resp: 18670

Ion Ratio Lower Upper

43 100

58 37.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050185.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN050185.D (-602) (-)

3.83

8000

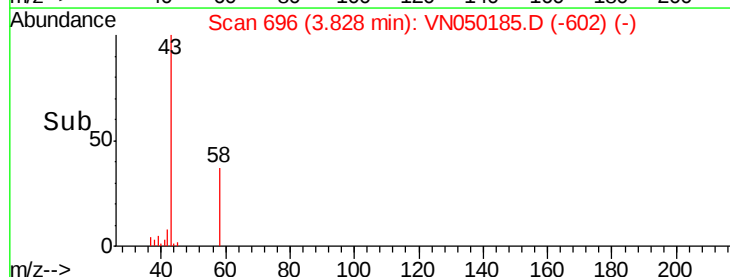
6000

4000

2000

0

Time-->

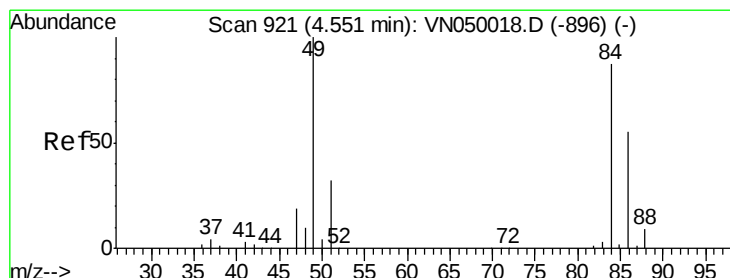
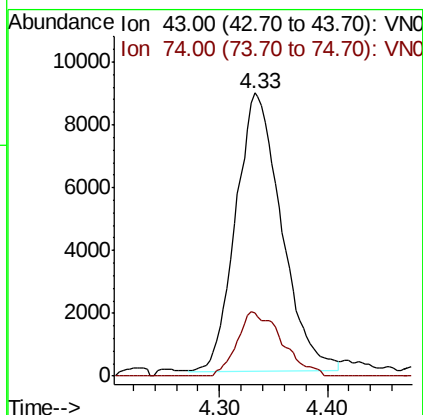
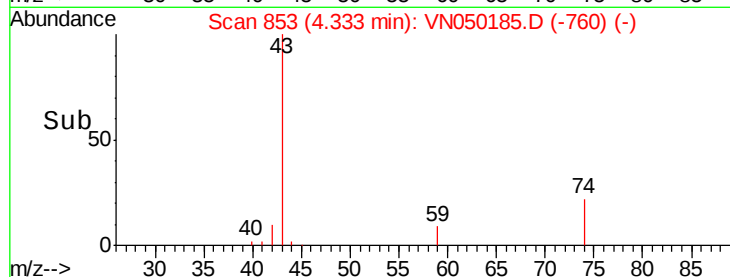
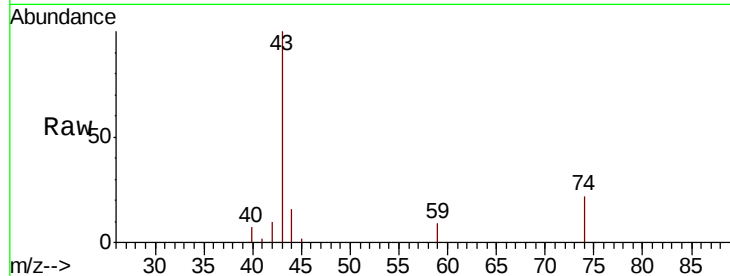




#18
Methyl Acetate
Concen: 1.63 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050185.D
Acq: 30 Jul 2018 14:19

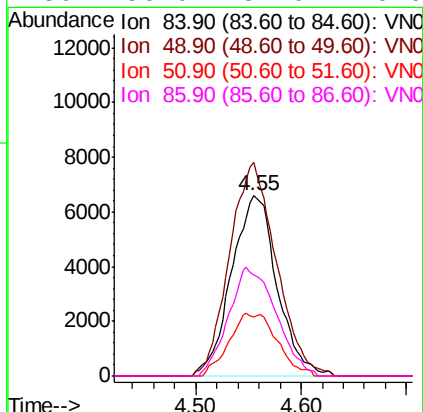
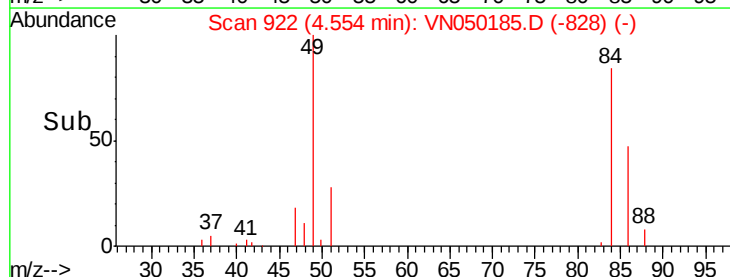
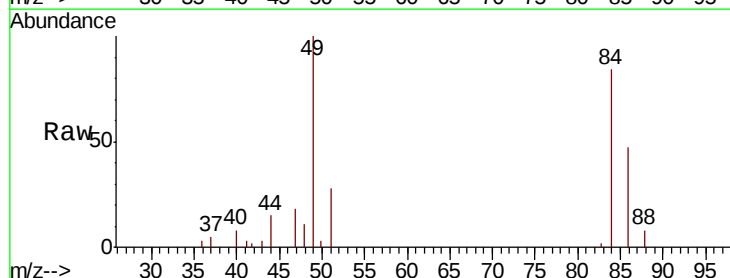
Instrument :
MSVOA_N
ClientSampleId :
PB111570ZHE#05

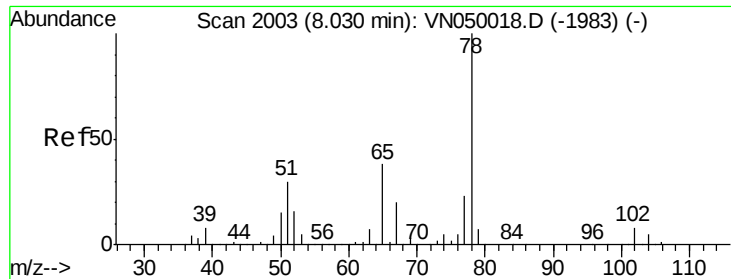
Tot Ion: 43 Resp: 25970
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8



#20
Methylene Chloride
Concen: 1.31 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050185.D
Acq: 30 Jul 2018 14:19

Tgt Ion: 84 Resp: 19852
Ion Ratio Lower Upper
84 100
49 118.4 94.8 142.2
51 32.7 28.3 42.5
86 56.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 50.70 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050185.D

Acq: 30 Jul 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

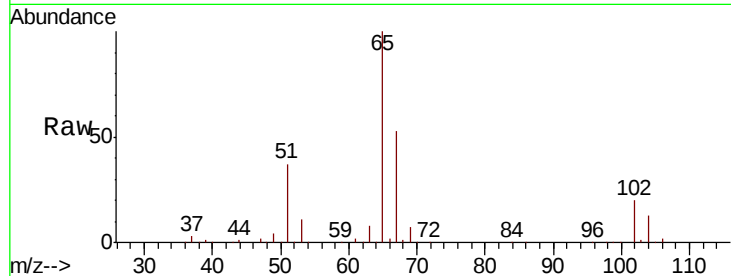
PB111570ZHE#05

Tot Ion: 65 Resp: 448829

Ion Ratio Lower Upper

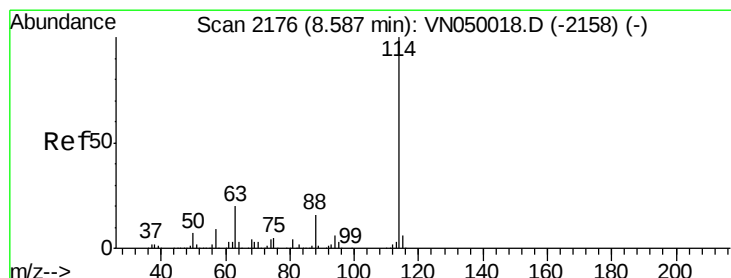
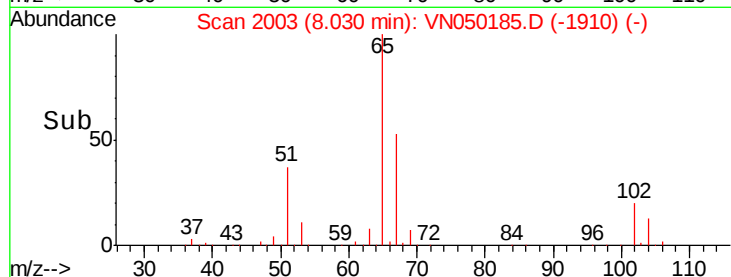
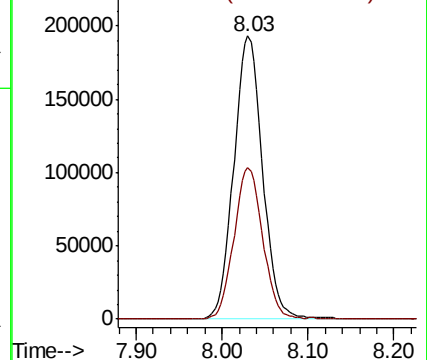
65 100

67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050185.D

Acq: 30 Jul 2018 14:19

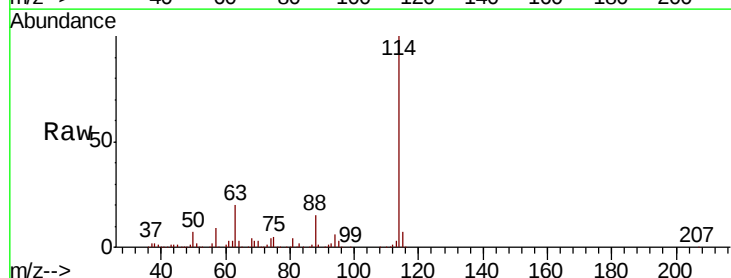
Tgt Ion: 114 Resp: 1073062

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

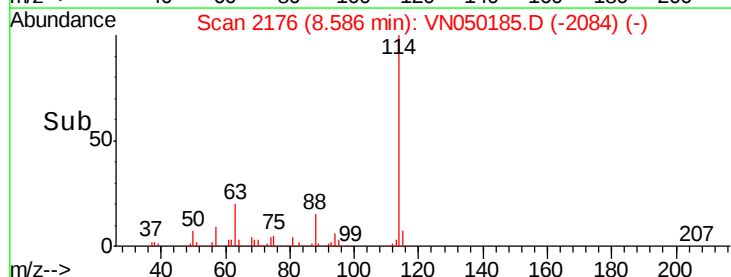
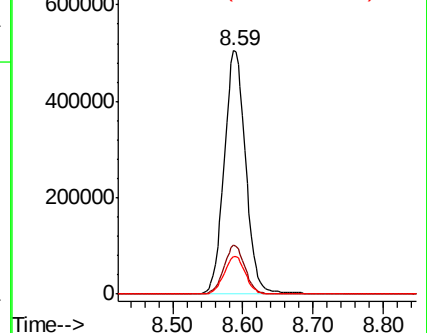
88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

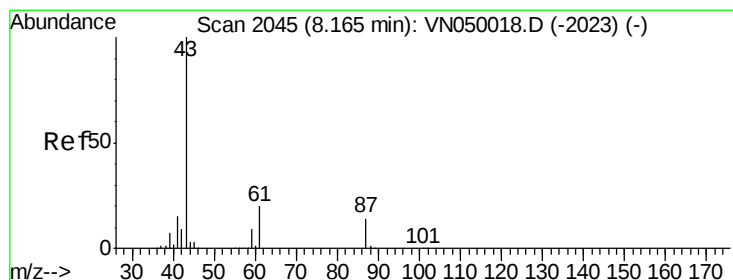
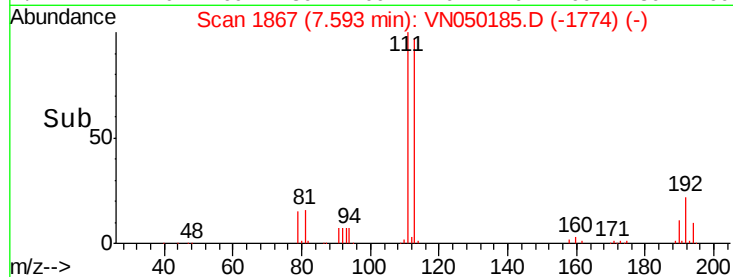
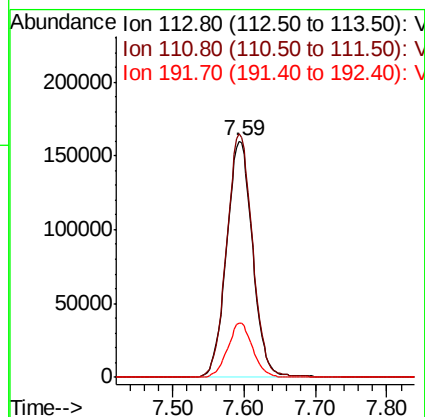
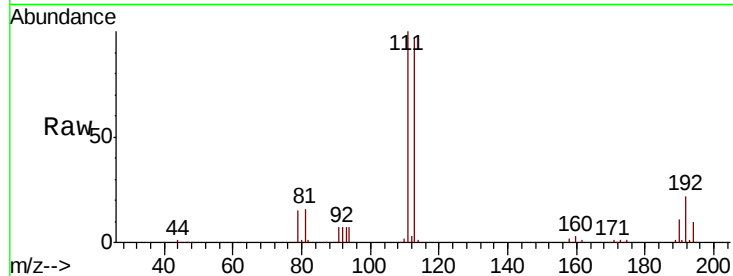




#35
 Dibromofluoromethane
 Concen: 46.35 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050185.D
 Acq: 30 Jul 2018 14:19

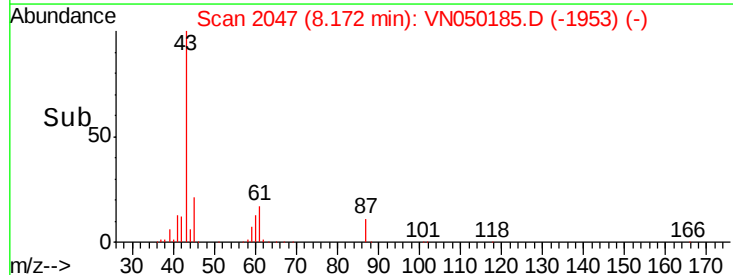
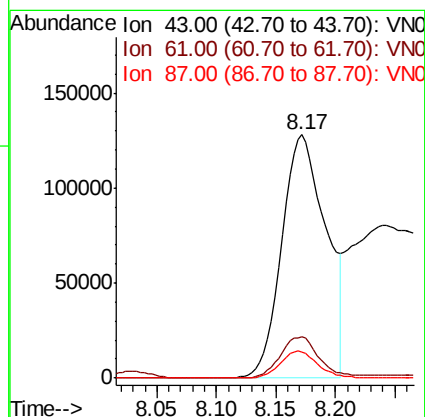
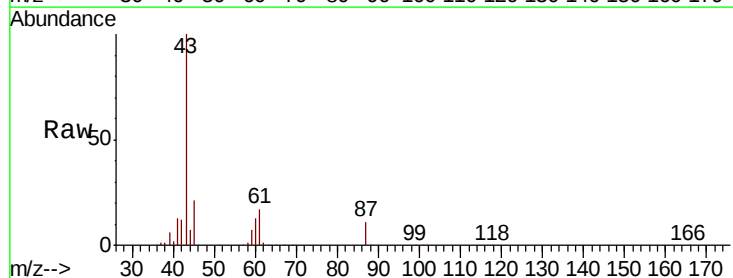
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111570ZHE#05

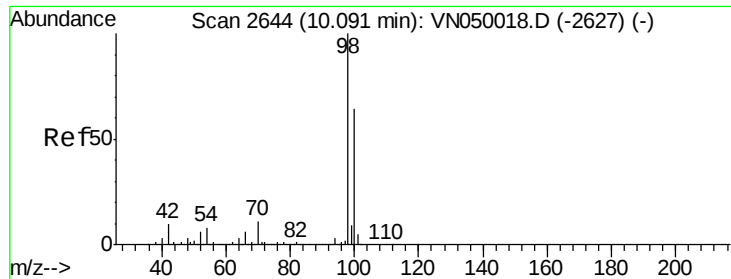
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	22.0	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 20.13 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050185.D
 Acq: 30 Jul 2018 14:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	15.8	23.6#
87	9.4	10.3	15.5#





#50

Toluene-d8

Concen: 44.56 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050185.D

Acq: 30 Jul 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

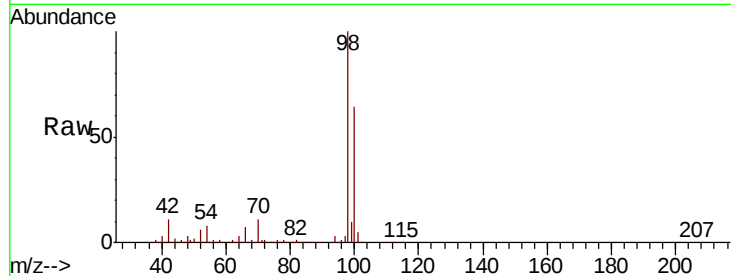
PB111570ZHE#05

Tot Ion: 98 Resp: 1435209

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

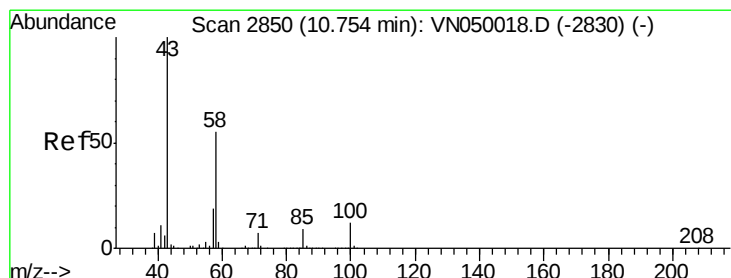
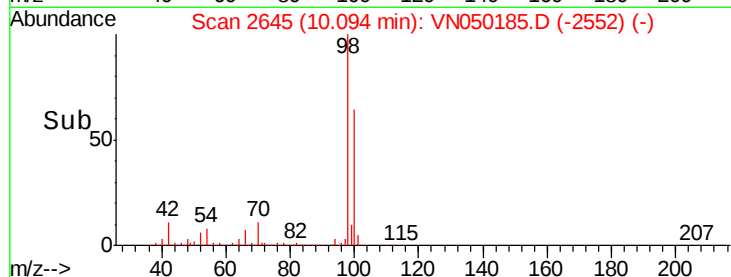
600000

400000

200000

0

Time-->



#59

2-Hexanone

Concen: 8.19 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050185.D

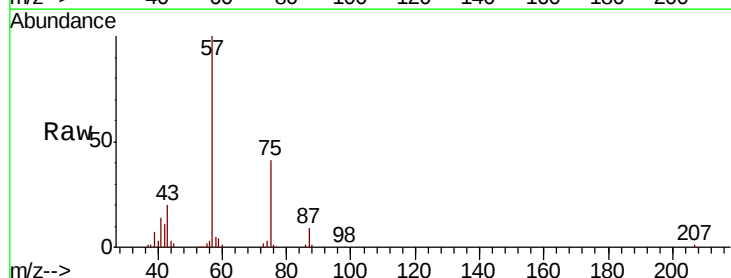
Acq: 30 Jul 2018 14:19

Tgt Ion: 43 Resp: 18725

Ion Ratio Lower Upper

43 100

58 23.8 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

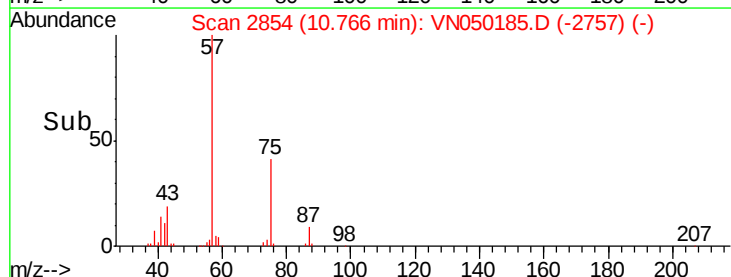
10.77

10000

5000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 37.72 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050185.D

Acq: 30 Jul 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

PB111570ZHE#05

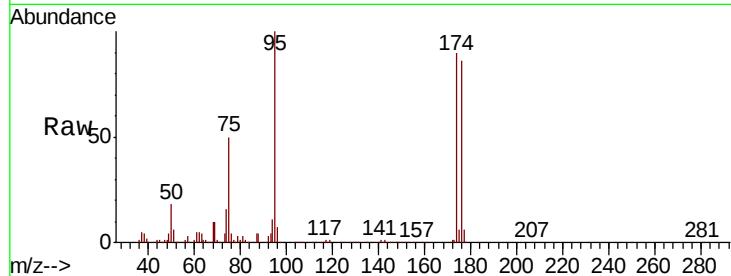
Tot Ion: 95 Resp: 400049

Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.2

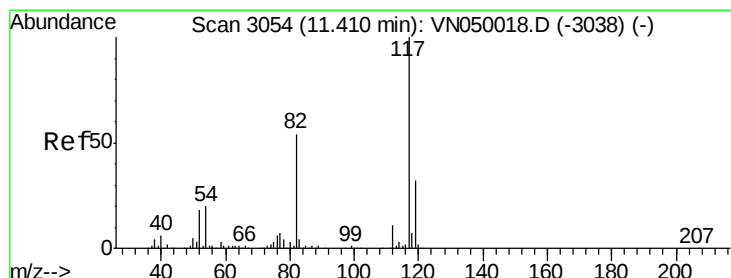
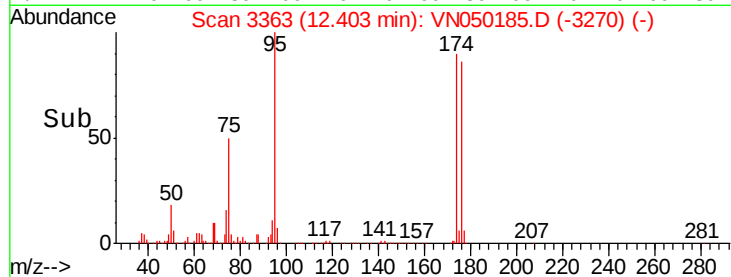
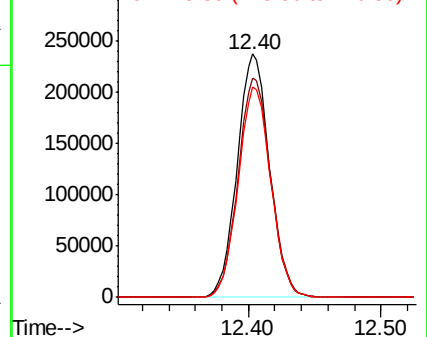
176 87.3 0.0 173.4



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: VN050185.D

Acq: 30 Jul 2018 14:19

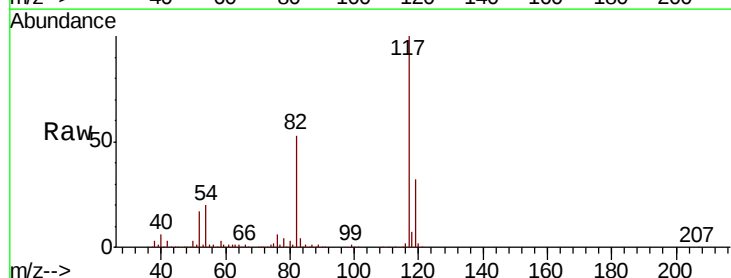
Tgt Ion: 117 Resp: 912184

Ion Ratio Lower Upper

117 100

82 53.1 43.7 65.5

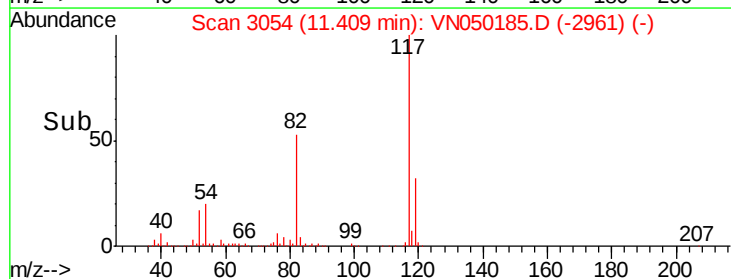
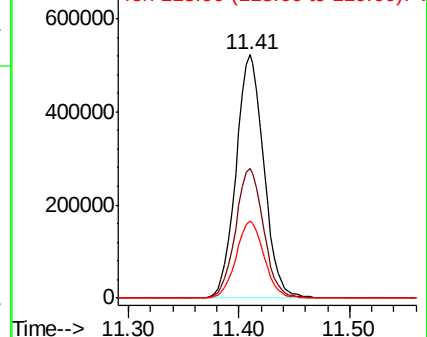
119 31.9 26.1 39.1

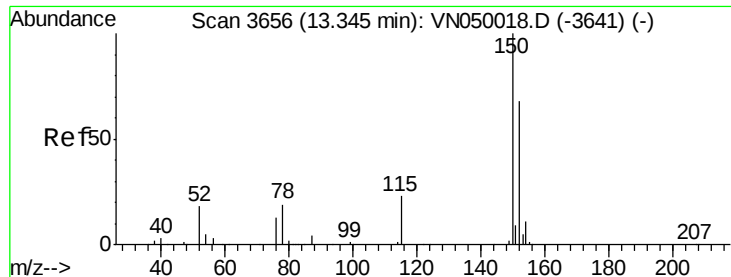


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN050185.D

Acq: 30 Jul 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

PB111570ZHE#05

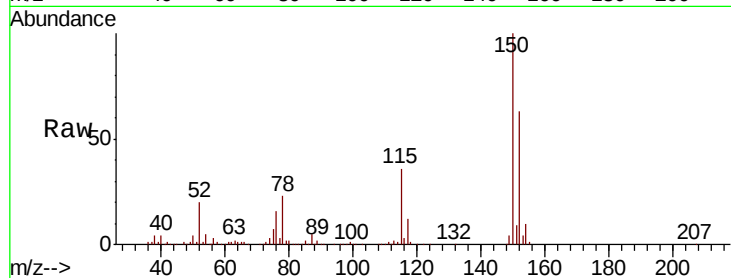
Tot Ion:152 Resp: 318179

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.3

150 156.5 0.0 348.6



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

