

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049925.D
 Acq On : 19 Jul 2018 19:00
 Operator : MD\SY
 Sample : PB111251ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#12

Quant Time: Jul 20 02:21:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	548261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	941945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	787433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289513	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	404280	53.65	ug/l	0.00
Spiked Amount						
			Recovery	=	107.30%	
35) Dibromofluoromethane	7.59	113	356981	45.14	ug/l	0.00
Spiked Amount						
			Recovery	=	90.28%	
50) Toluene-d8	10.09	98	1257192	43.63	ug/l	0.00
Spiked Amount						
			Recovery	=	87.26%	
62) 4-Bromofluorobenzene	12.40	95	341313	34.40	ug/l	0.00
Spiked Amount						
			Recovery	=	68.80%	

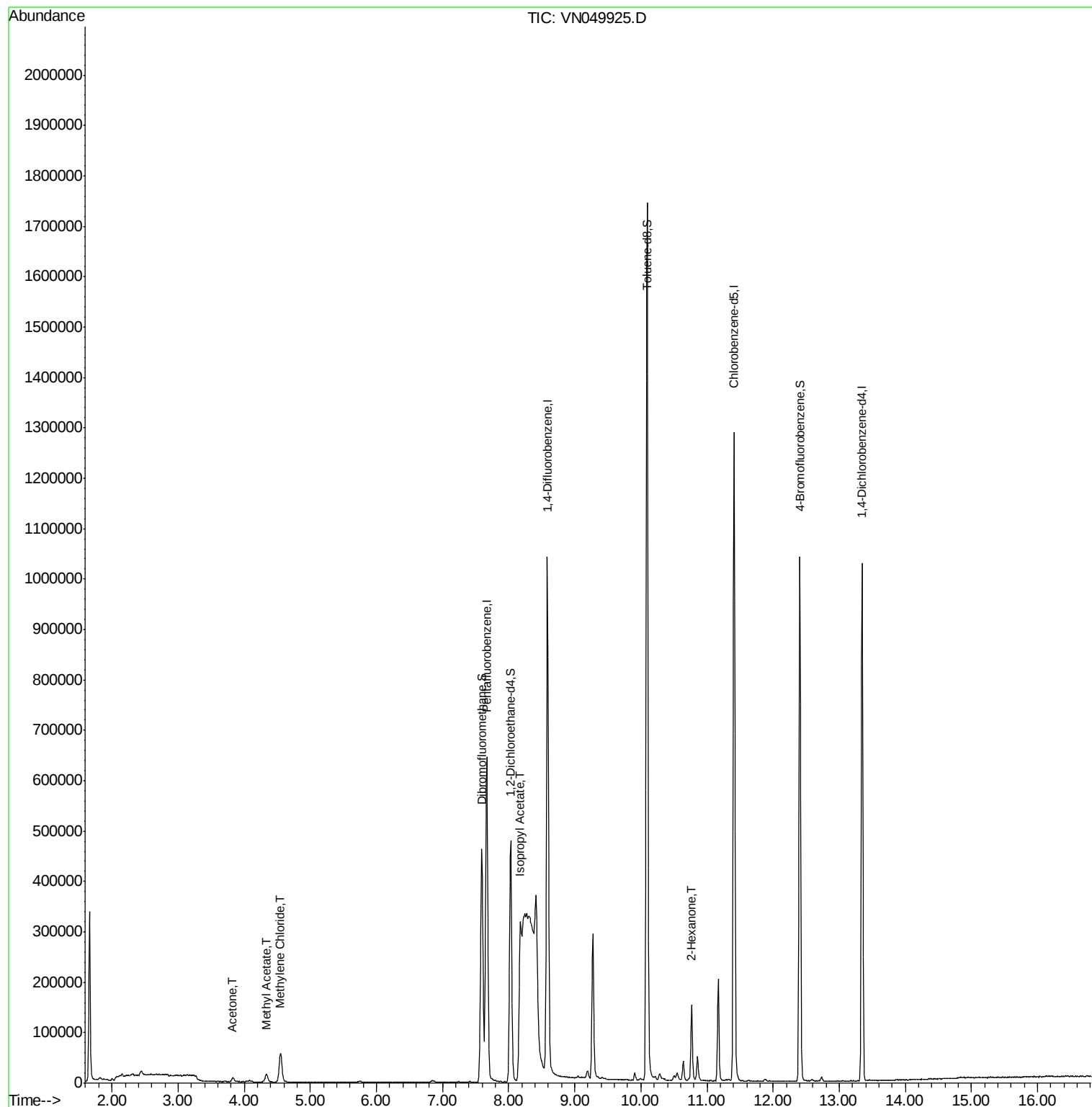
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	16632	8.52	ug/l	97
18) Methyl Acetate	4.34	43	29504	4.05	ug/l	99
20) Methylene Chloride	4.55	84	43160	5.82	ug/l	98
43) Isopropyl Acetate	8.17	43	364282	28.99	ug/l #	89
59) 2-Hexanone	10.77	43	21233	4.50	ug/l #	57

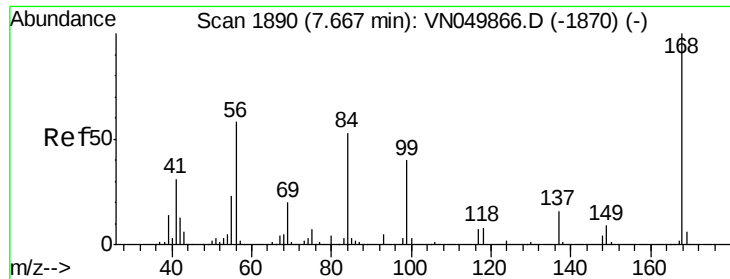
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049925.D

Acq: 19 Jul 2018 19:00

Instrument :

MSVOA_N

ClientSampleId :

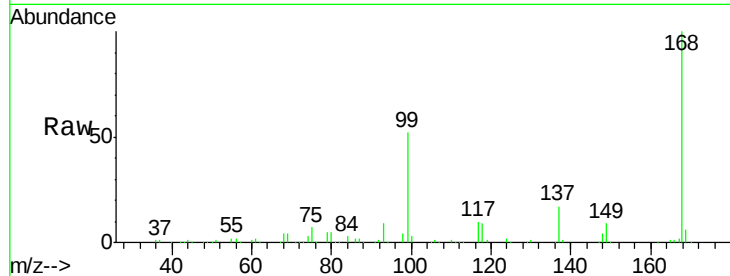
PB111251ZHE#12

Tot Ion:168 Resp: 548261

Ion Ratio Lower Upper

168 100

99 51.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

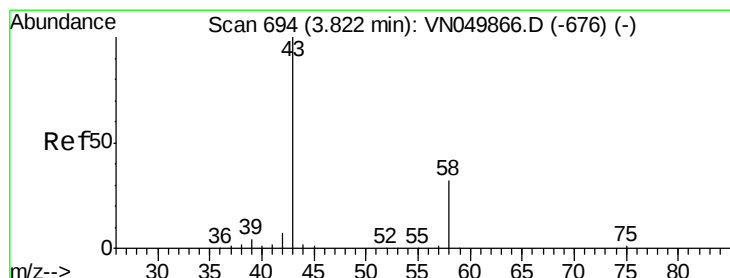
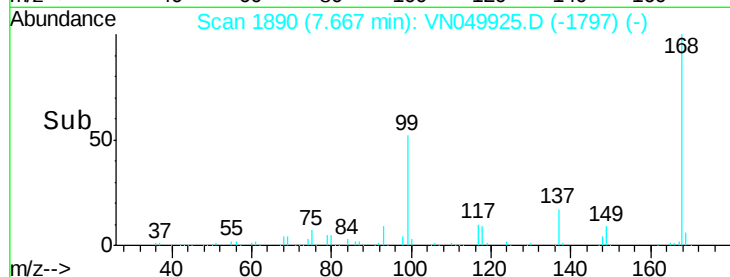
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.52 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049925.D

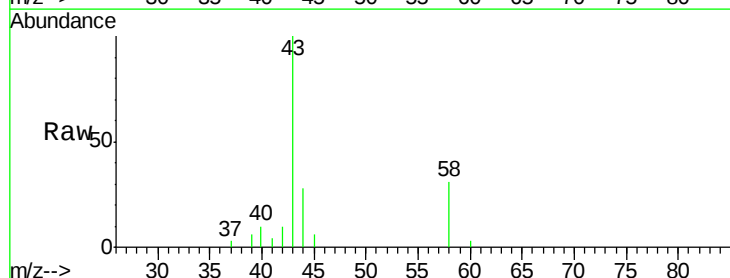
Acq: 19 Jul 2018 19:00

Tgt Ion: 43 Resp: 16632

Ion Ratio Lower Upper

43 100

58 30.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

6000

5000

4000

3000

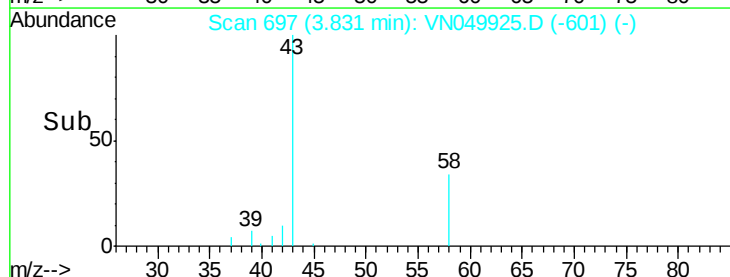
2000

1000

0

3.70 3.80 3.90

Time-->

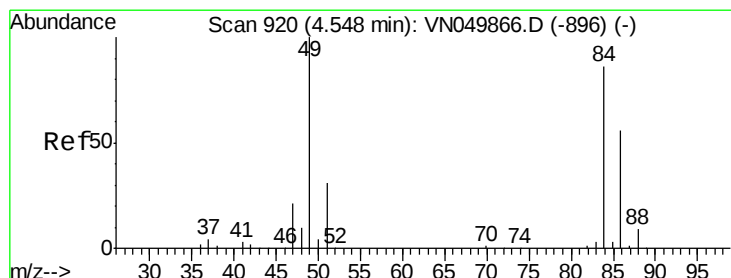
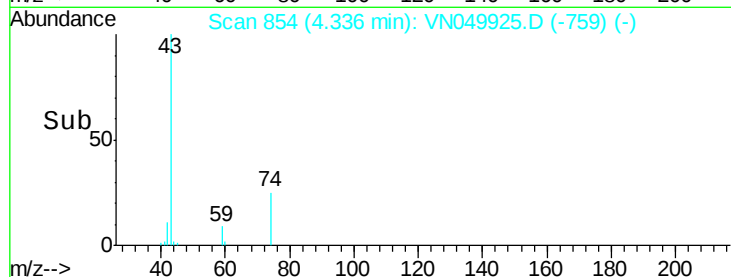
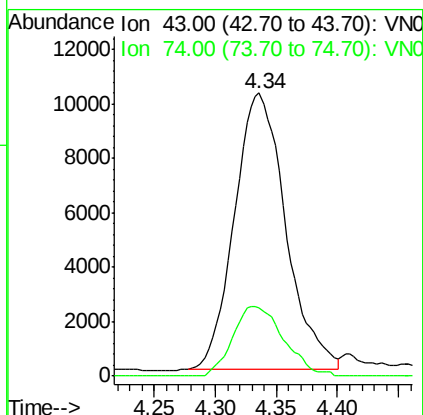
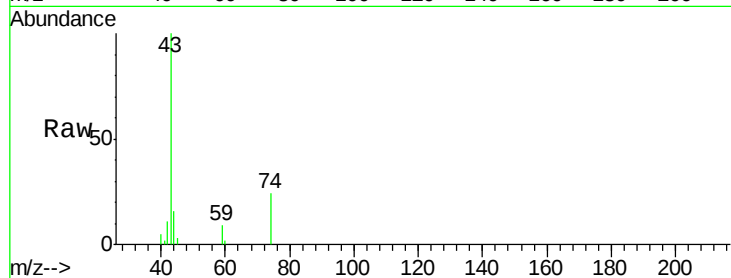




#18
Methyl Acetate
Concen: 4.05 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049925.D
Acq: 19 Jul 2018 19:00

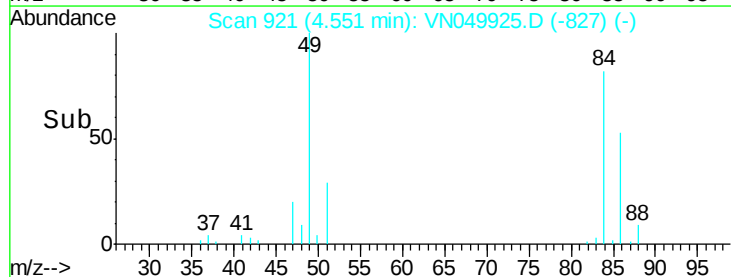
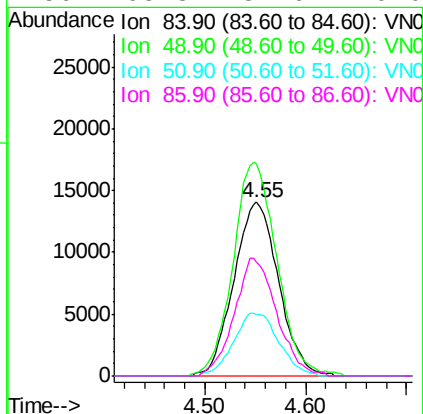
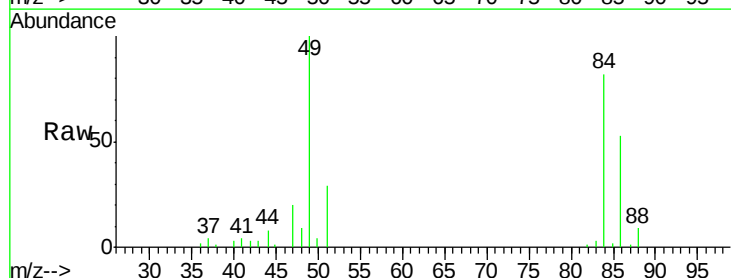
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#12

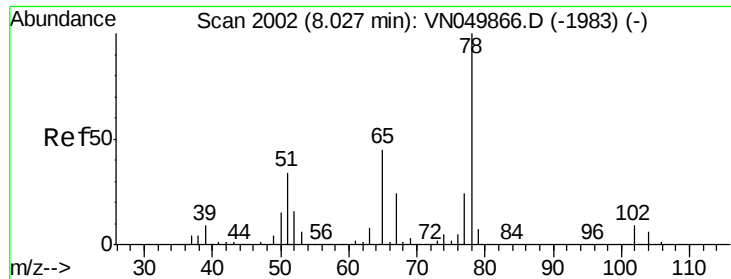
Tot Ion: 43 Resp: 29504
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.8



#20
Methylene Chloride
Concen: 5.82 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049925.D
Acq: 19 Jul 2018 19:00

Tgt Ion: 84 Resp: 43160
Ion Ratio Lower Upper
84 100
49 122.5 95.4 143.2
51 35.4 28.4 42.6
86 65.3 52.6 79.0

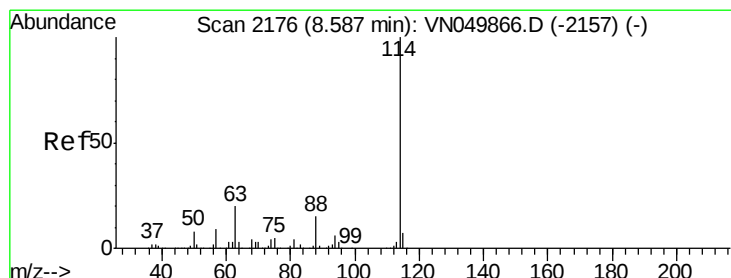
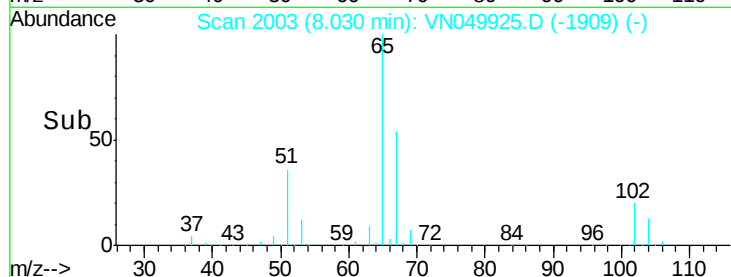
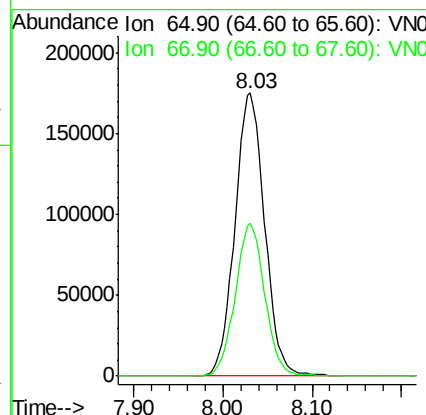
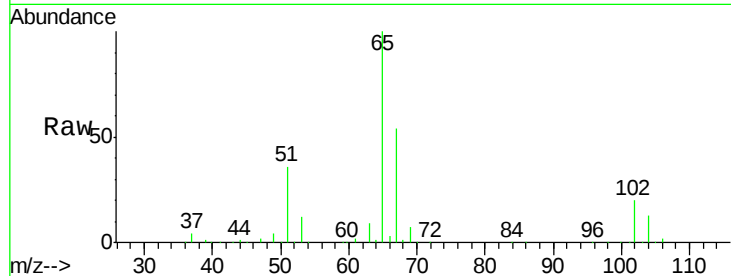




#33
 1,2-Dichloroethane-d4
 Concen: 53.65 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049925.D
 Acq: 19 Jul 2018 19:00

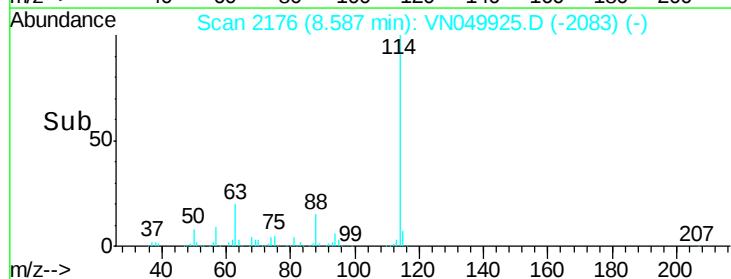
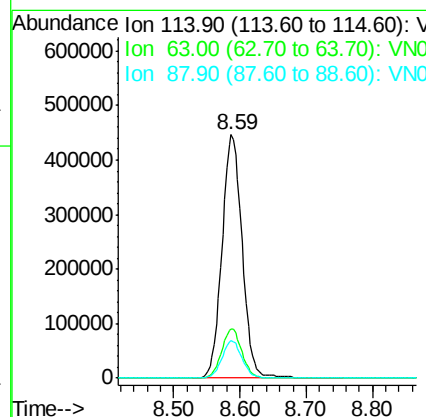
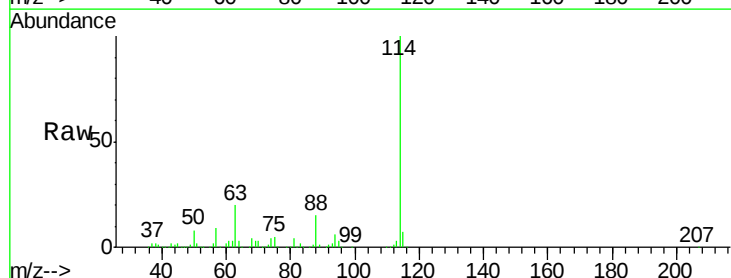
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#12

Tot Ion: 65 Resp: 404280
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049925.D
 Acq: 19 Jul 2018 19:00

Tgt Ion: 114 Resp: 941945
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.4 0.0 30.6

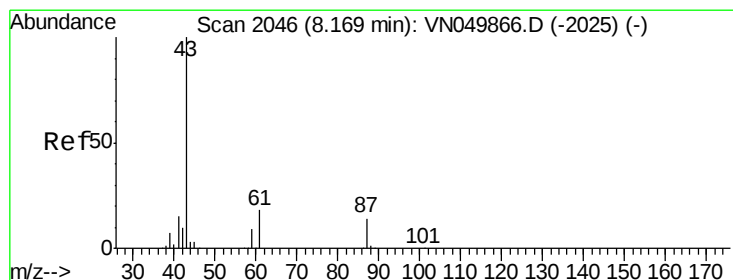
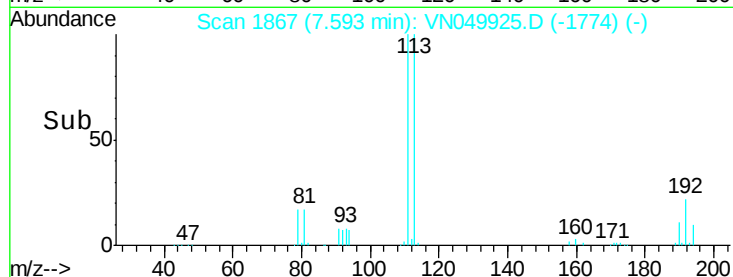
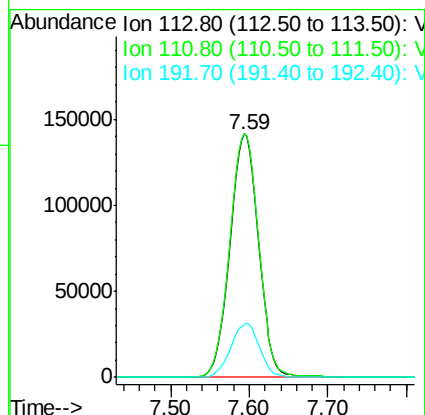
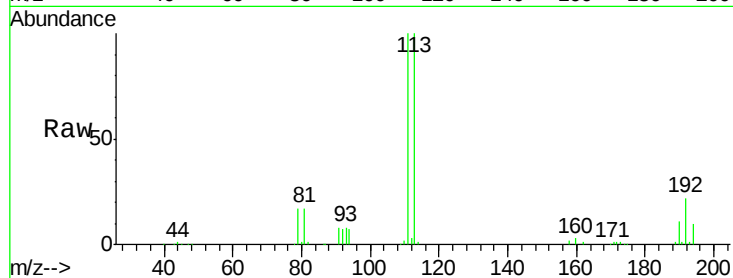




#35
 Dibromofluoromethane
 Concen: 45.14 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049925.D
 Acq: 19 Jul 2018 19:00

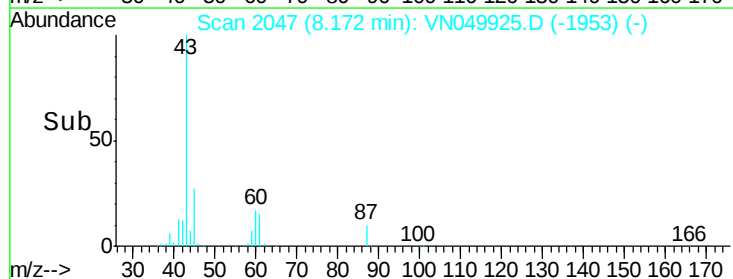
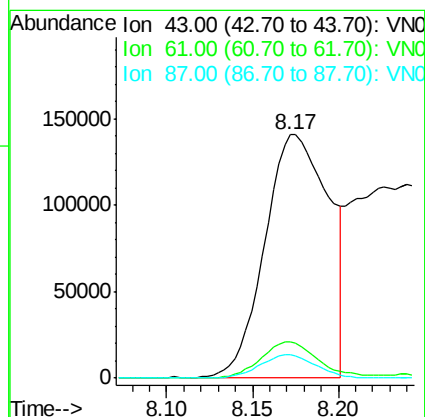
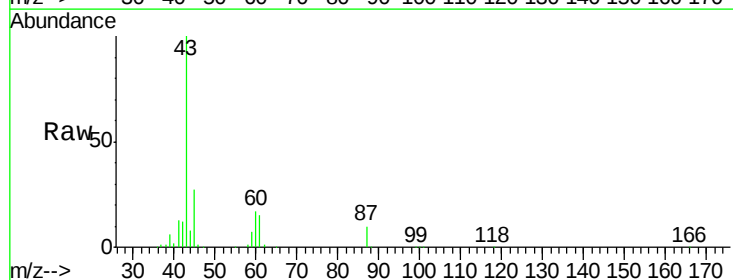
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#12

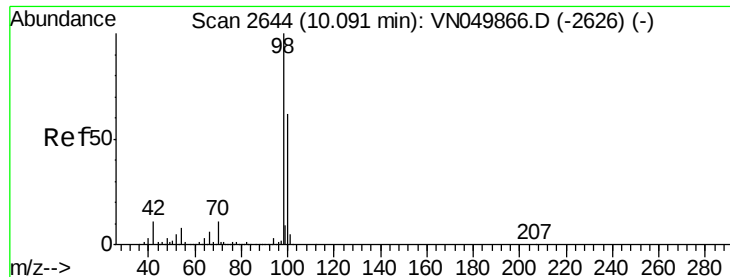
Tot Ion:113 Resp: 356981
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 22.2 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 28.99 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049925.D
 Acq: 19 Jul 2018 19:00

Tgt Ion: 43 Resp: 364282
 Ion Ratio Lower Upper
 43 100
 61 13.7 14.9 22.3#
 87 8.5 10.0 15.0#

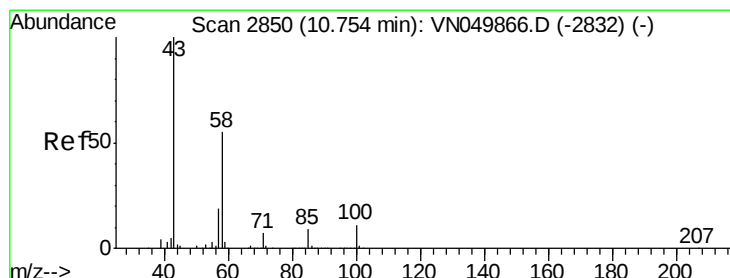
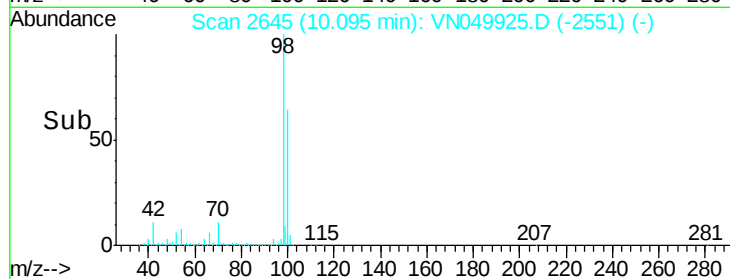
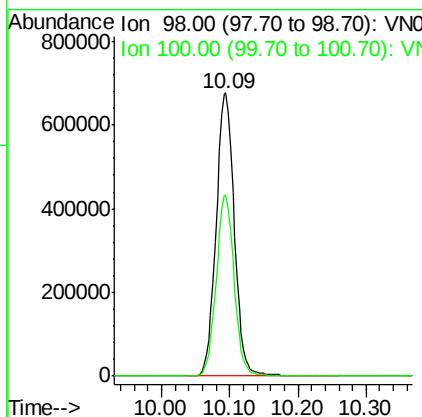
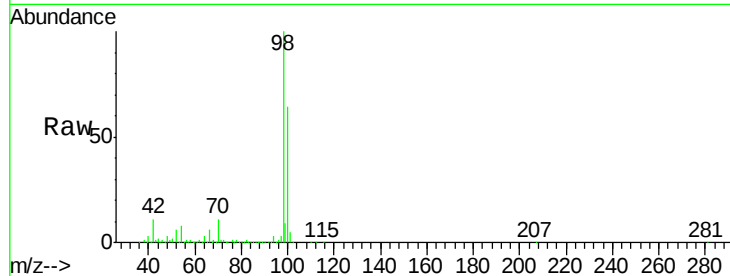




#50
Toluene-d8
Concen: 43.63 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049925.D
Acq: 19 Jul 2018 19:00

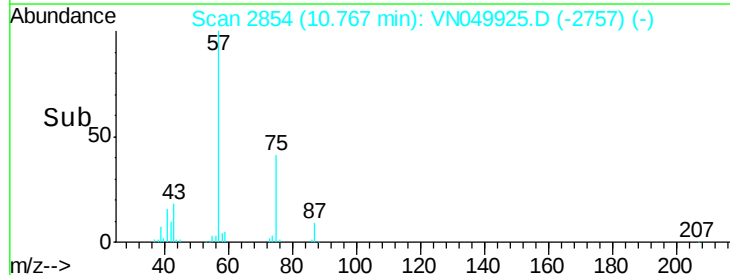
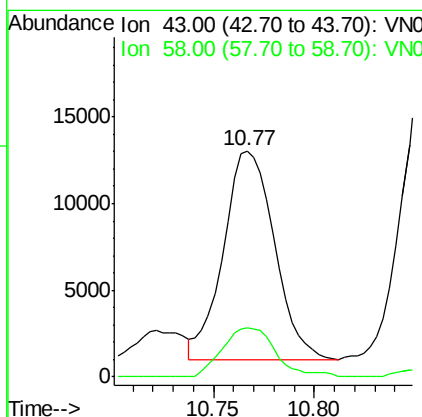
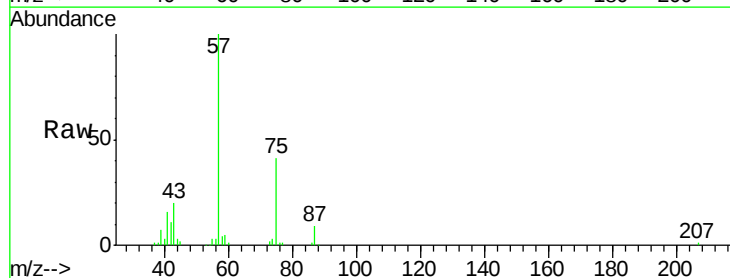
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#12

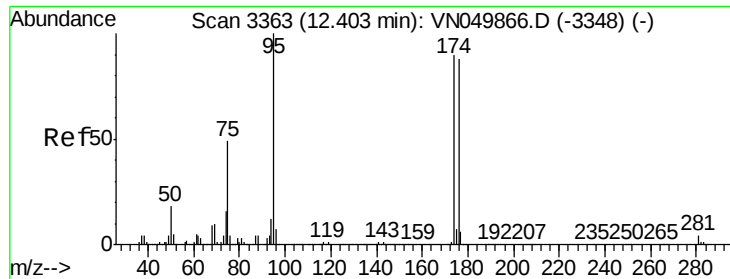
Tot Ion: 98 Resp: 1257192
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#59
2-Hexanone
Concen: 4.50 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049925.D
Acq: 19 Jul 2018 19:00

Tgt Ion: 43 Resp: 21233
Ion Ratio Lower Upper
43 100
58 24.6 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049925.D

Acq: 19 Jul 2018 19:00

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#12

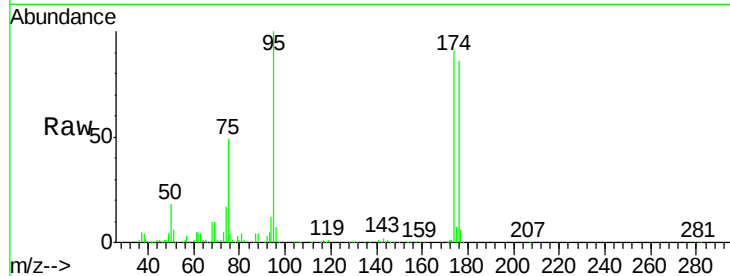
Tot Ion: 95 Resp: 341313

Ion Ratio Lower Upper

95 100

174 92.2 0.0 179.6

176 86.9 0.0 174.0

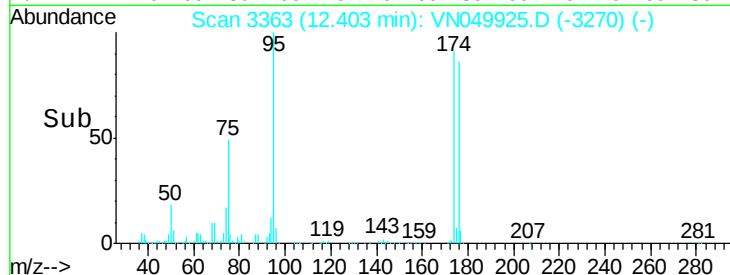


Abundance Ion 94.90 (94.60 to 95.60): VN049925.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049925.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049925.D (-3270) (-)

Time-->

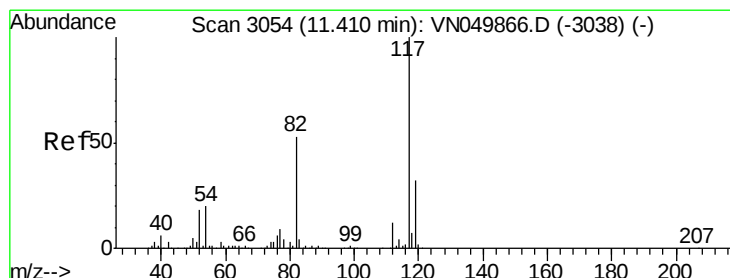


Abundance Ion 94.90 (94.60 to 95.60): VN049925.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049925.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049925.D (-3270) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049925.D

Acq: 19 Jul 2018 19:00

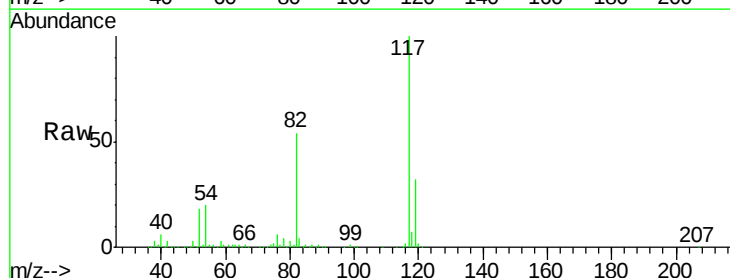
Tgt Ion: 117 Resp: 787433

Ion Ratio Lower Upper

117 100

82 53.7 41.9 62.9

119 32.5 25.4 38.2

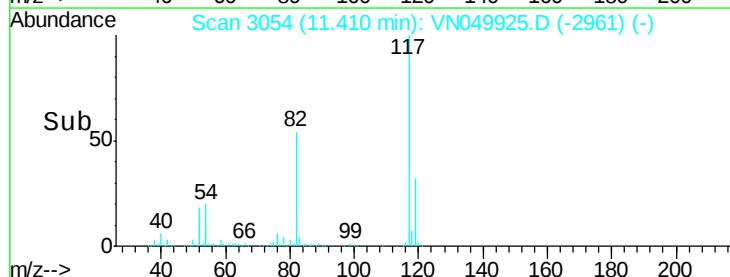


Abundance Ion 116.90 (116.60 to 117.60): VN049925.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049925.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049925.D (-2961) (-)

Time-->

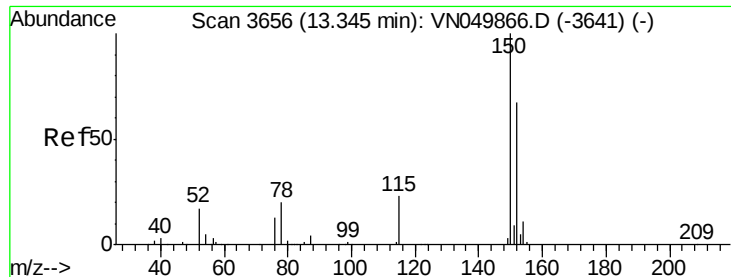


Abundance Ion 116.90 (116.60 to 117.60): VN049925.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049925.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049925.D (-2961) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049925.D

Acq: 19 Jul 2018 19:00

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#12

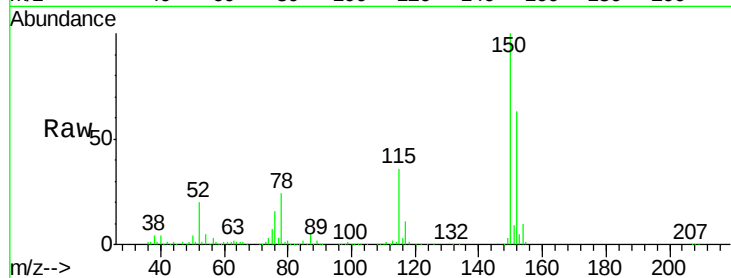
Tot Ion:152 Resp: 289513

Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

150 156.3 0.0 347.6



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

