

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049926.D
 Acq On : 19 Jul 2018 19:27
 Operator : MD\SY
 Sample : PB111251ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#13

Quant Time: Jul 20 02:23:23 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	548828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	951767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	793773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291129	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	412190	54.64	ug/l	0.00
Spiked Amount						
			Recovery	=	109.28%	
35) Dibromofluoromethane	7.59	113	357891	44.79	ug/l	0.00
Spiked Amount						
			Recovery	=	89.58%	
50) Toluene-d8	10.09	98	1264977	43.45	ug/l	0.00
Spiked Amount						
			Recovery	=	86.90%	
62) 4-Bromofluorobenzene	12.40	95	346933	34.60	ug/l	0.00
Spiked Amount						
			Recovery	=	69.20%	

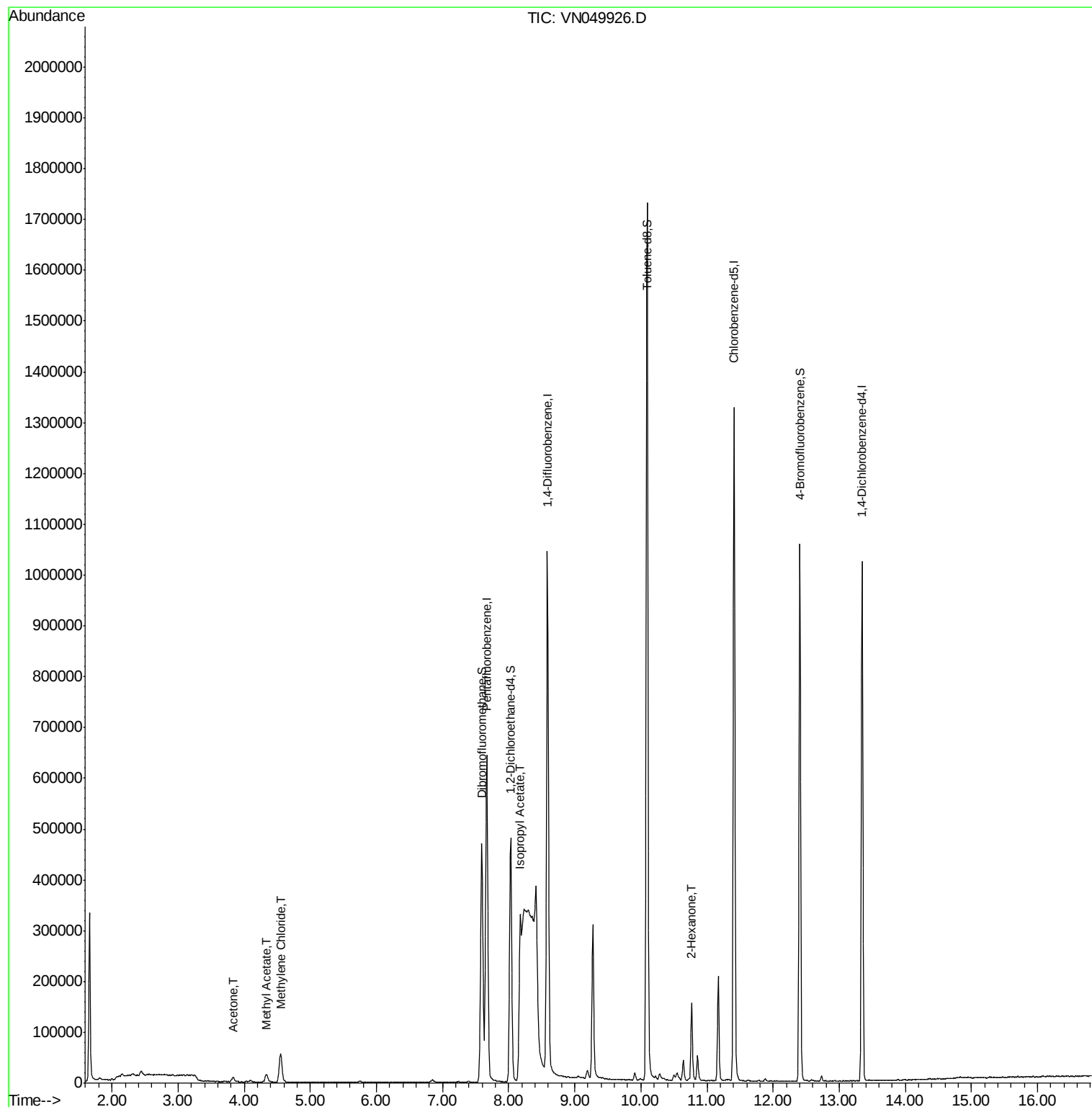
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	16745	8.57	ug/l	98
18) Methyl Acetate	4.34	43	28628	3.90	ug/l	99
20) Methylene Chloride	4.55	84	43472	5.85	ug/l	93
43) Isopropyl Acetate	8.17	43	370559	29.19	ug/l #	90
59) 2-Hexanone	10.77	43	21529	4.52	ug/l #	58

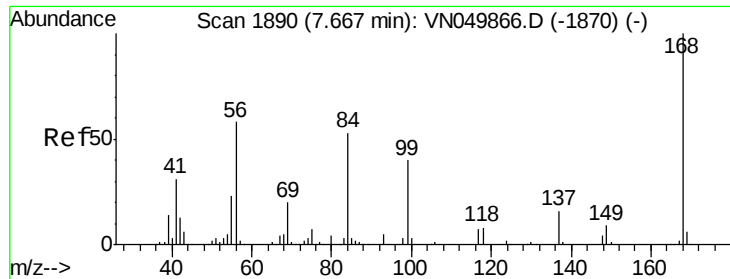
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049926.D

Acq: 19 Jul 2018 19:27

Instrument :

MSVOA_N

ClientSampleId :

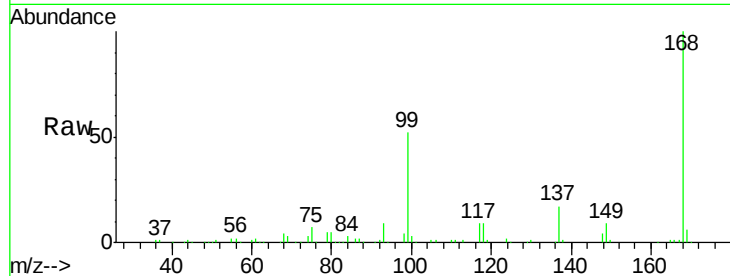
PB111251ZHE#13

Tot Ion:168 Resp: 548828

Ion Ratio Lower Upper

168 100

99 51.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

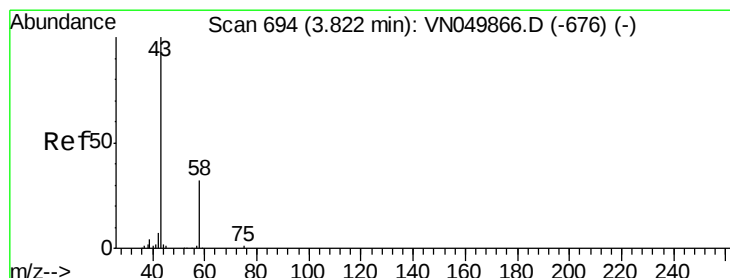
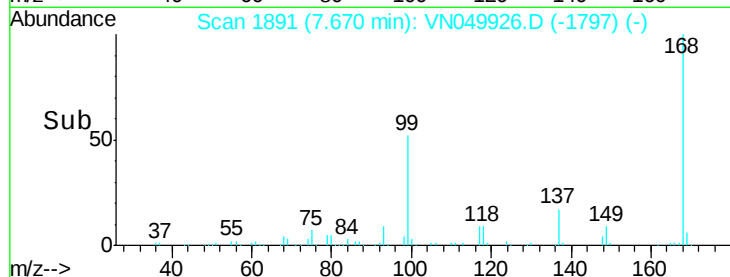
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.57 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049926.D

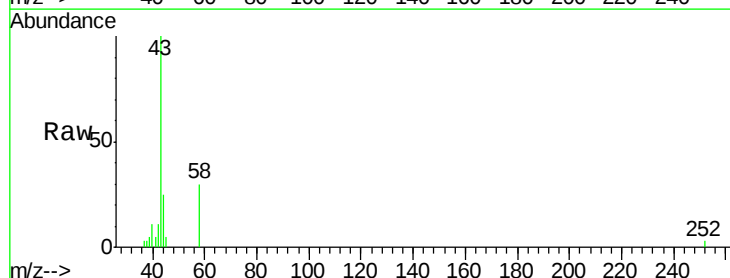
Acq: 19 Jul 2018 19:27

Tgt Ion: 43 Resp: 16745

Ion Ratio Lower Upper

43 100

58 31.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

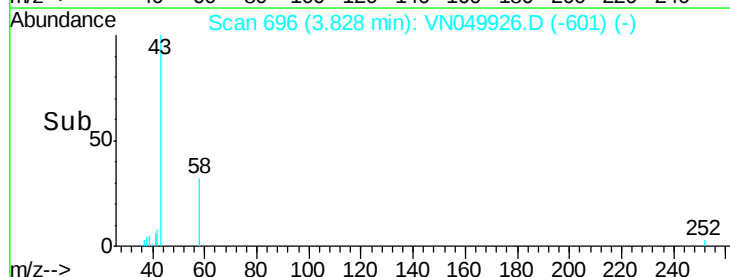
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4000

2000

0

Time-->

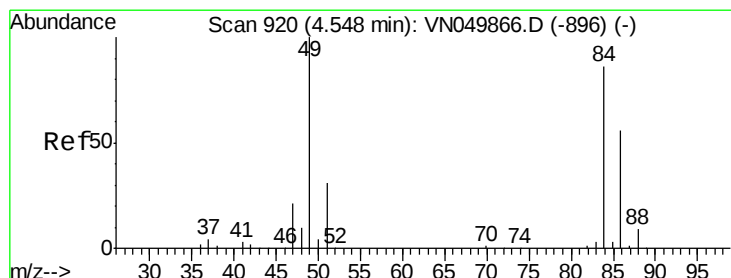
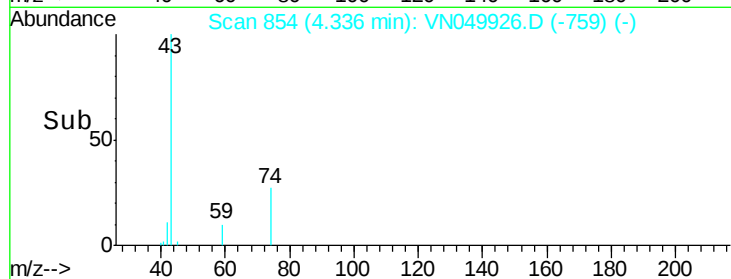
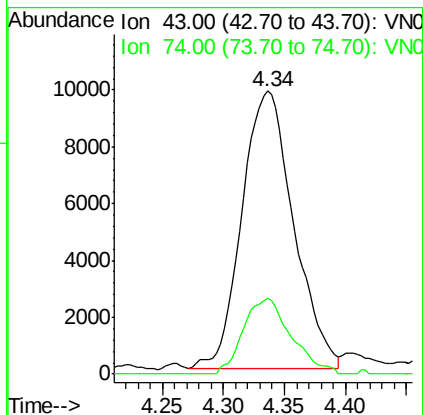
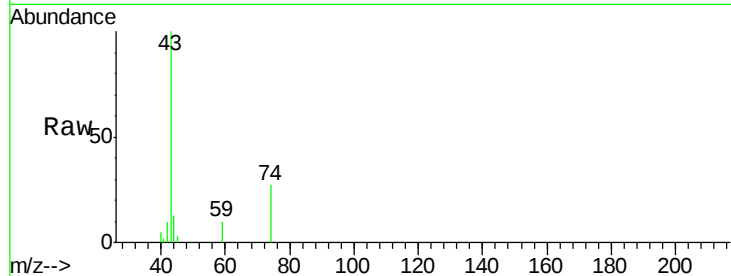




#18
Methvl Acetate
Concen: 3.90 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049926.D
Acq: 19 Jul 2018 19:27

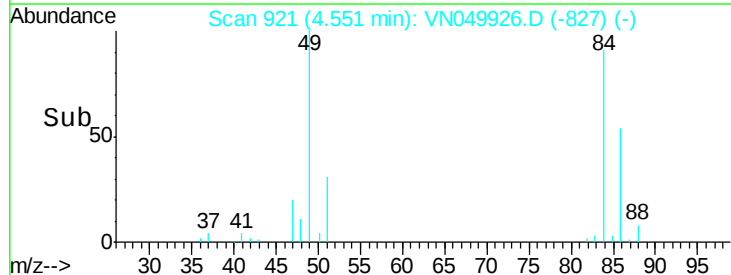
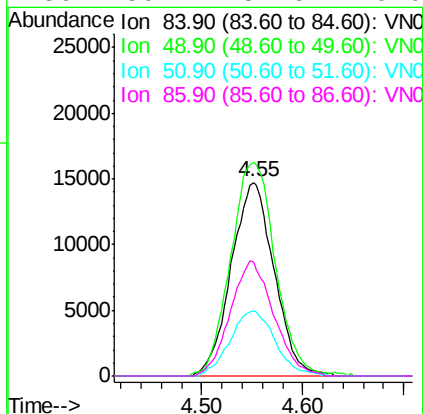
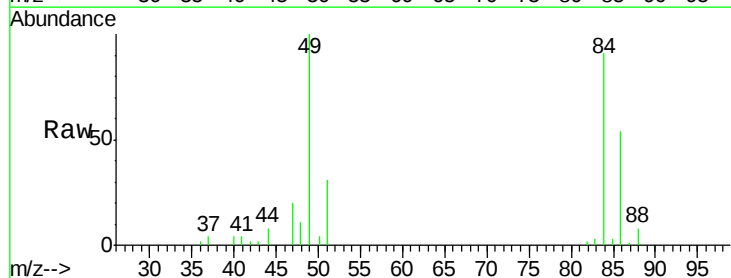
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#13

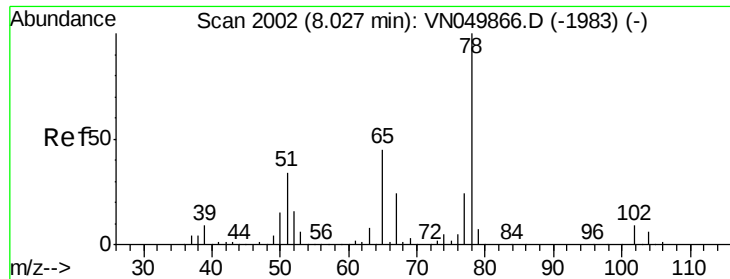
Tot Ion: 43 Resp: 28628
Ion Ratio Lower Upper
43 100
74 25.2 19.8 29.8



#20
Methylene Chloride
Concen: 5.85 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049926.D
Acq: 19 Jul 2018 19:27

Tgt Ion: 84 Resp: 43472
Ion Ratio Lower Upper
84 100
49 110.2 95.4 143.2
51 33.7 28.4 42.6
86 59.1 52.6 79.0

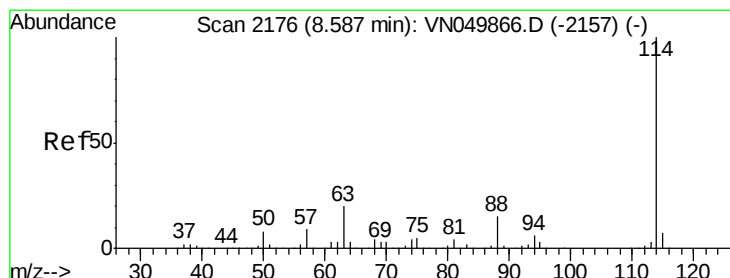
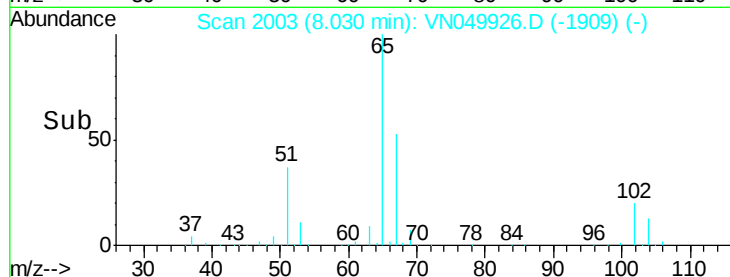
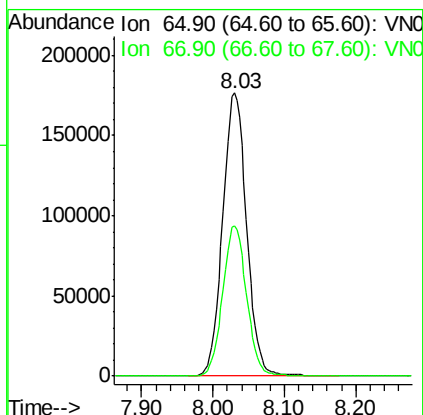
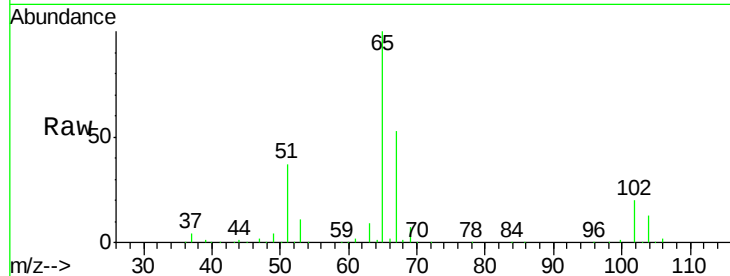




#33
 1,2-Dichloroethane-d4
 Concen: 54.64 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049926.D
 Acq: 19 Jul 2018 19:27

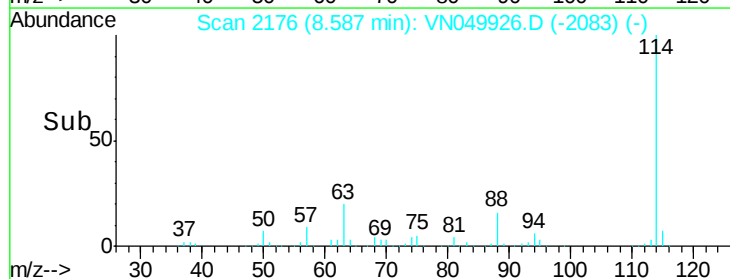
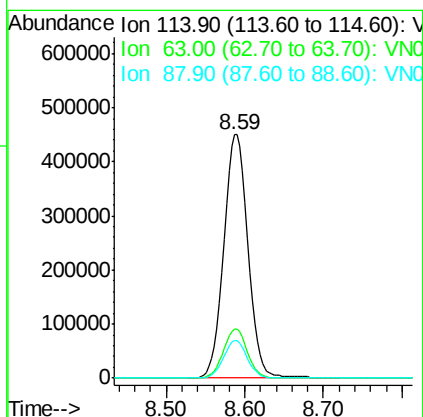
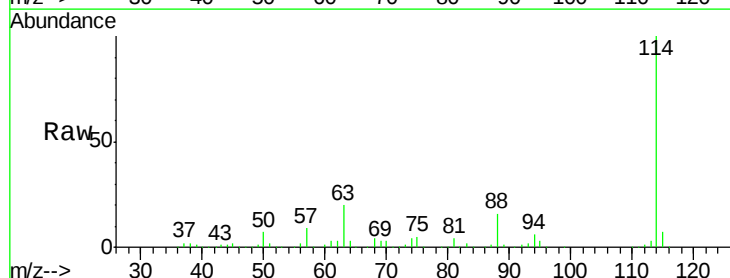
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#13

Tot Ion: 65 Resp: 412190
 Ion Ratio Lower Upper
 65 100
 67 53.3 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: VN049926.D
 Acq: 19 Jul 2018 19:27

Tgt Ion: 114 Resp: 951767
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.7 0.0 30.6

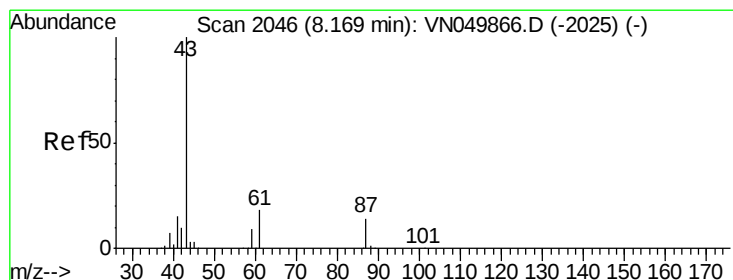
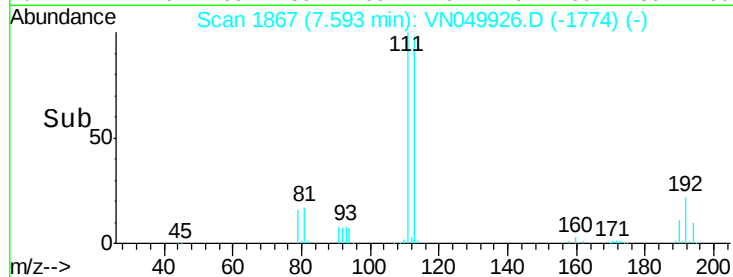
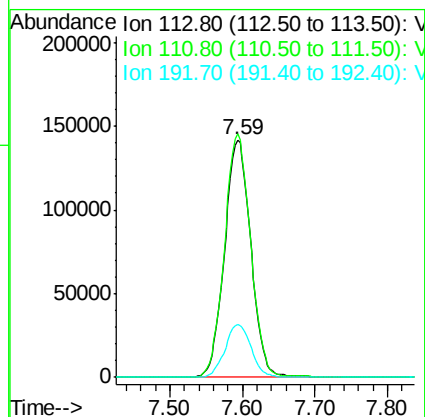
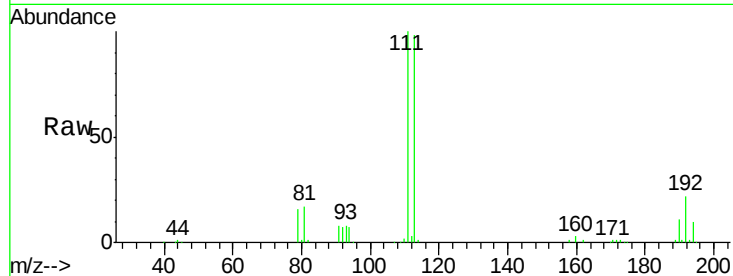




#35
 Dibromofluoromethane
 Concen: 44.79 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049926.D
 Acq: 19 Jul 2018 19:27

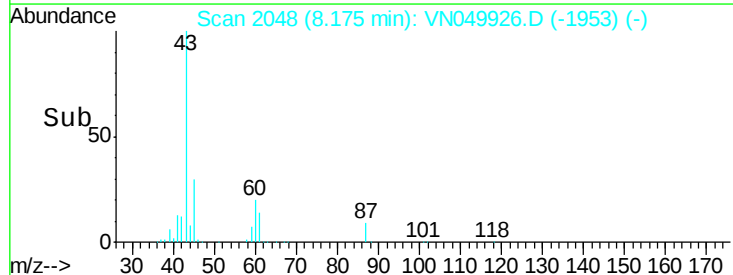
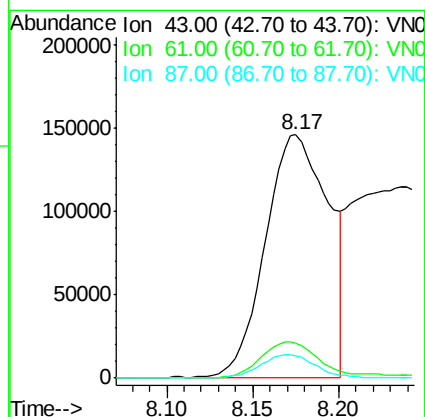
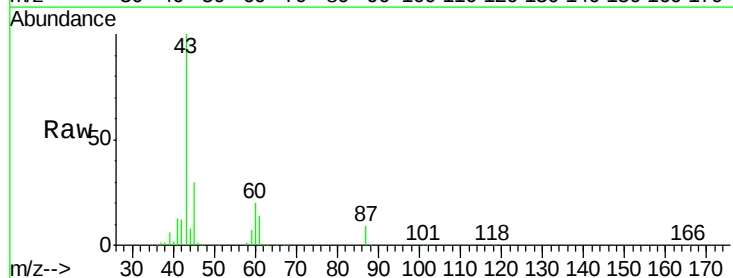
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#13

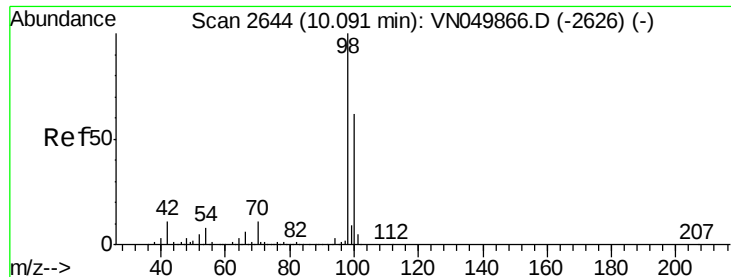
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	22.0	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 29.19 ug/l
 RT: 8.17 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN049926.D
 Acq: 19 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.4	14.9	22.3#
87	8.5	10.0	15.0#

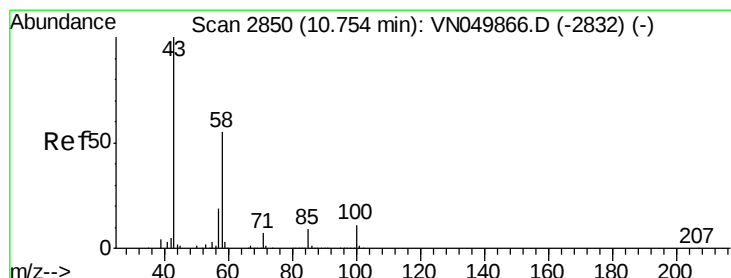
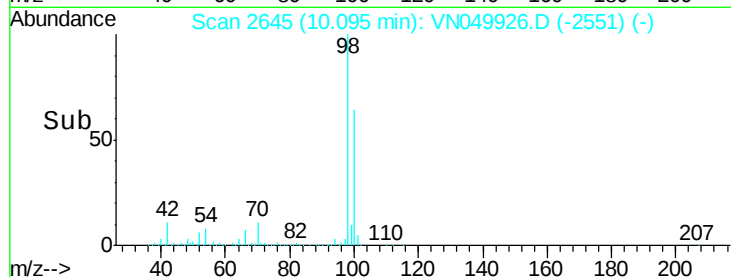
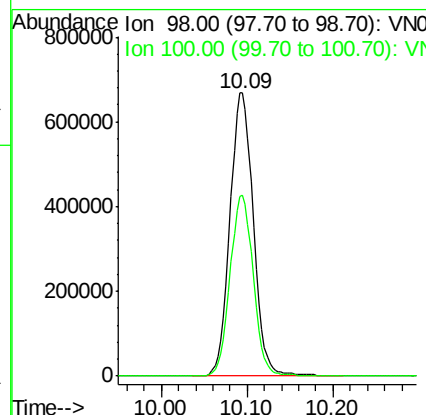
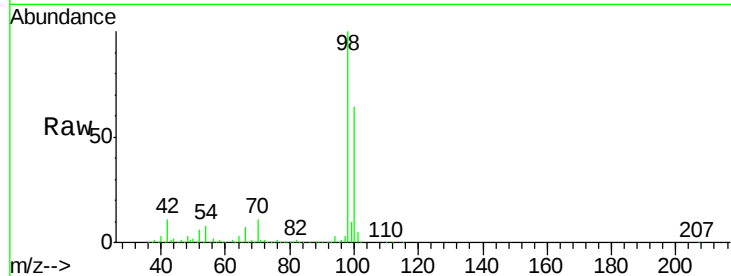




#50
Toluene-d8
Concen: 43.45 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049926.D
Acq: 19 Jul 2018 19:27

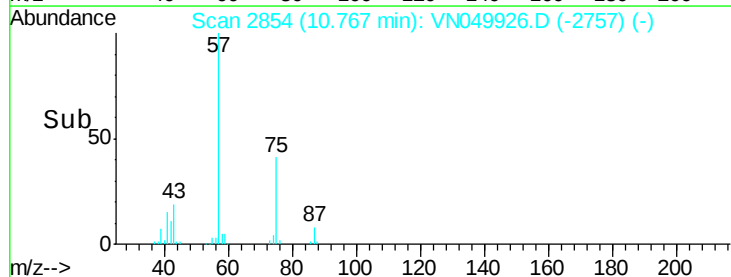
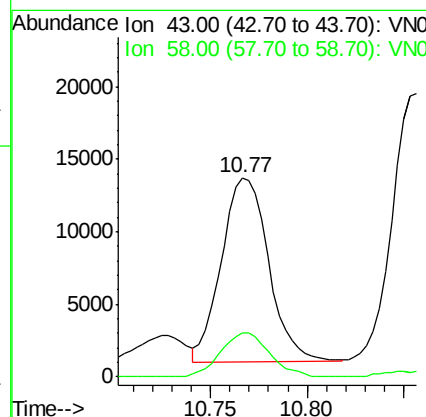
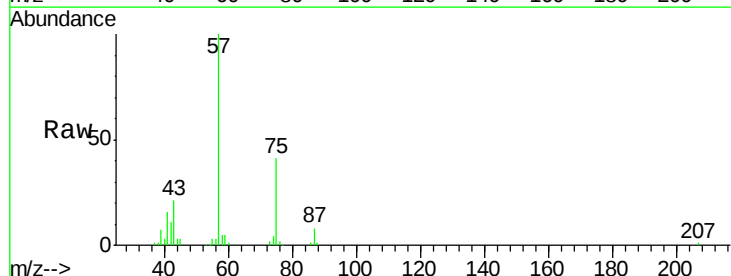
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#13

Tot Ion: 98 Resp: 1264977
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#59
2-Hexanone
Concen: 4.52 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049926.D
Acq: 19 Jul 2018 19:27

Tgt Ion: 43 Resp: 21529
Ion Ratio Lower Upper
43 100
58 24.7 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049926.D

Acq: 19 Jul 2018 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#13

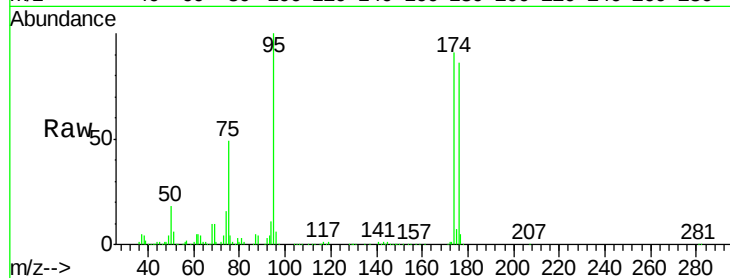
Tot Ion: 95 Resp: 346933

Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.6

176 86.7 0.0 174.0

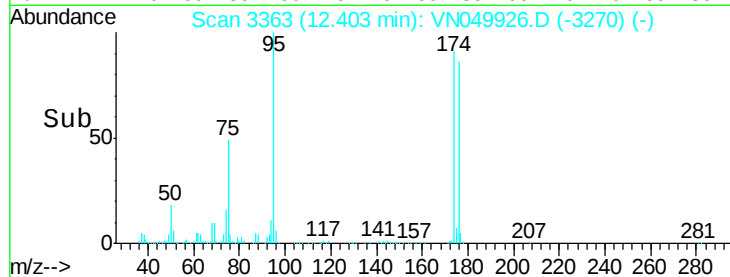


Abundance Ion 94.90 (94.60 to 95.60): VN049926.D (-3270) (-)

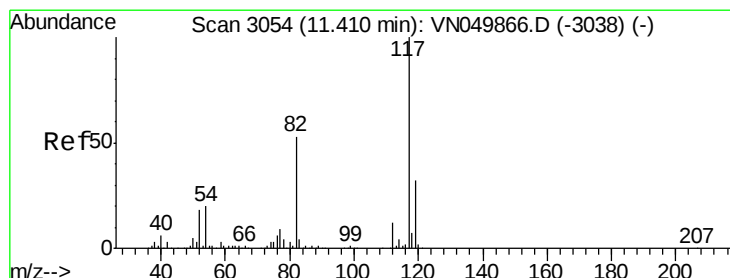
Ion 173.80 (173.50 to 174.50): VN049926.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049926.D (-3270) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049926.D

Acq: 19 Jul 2018 19:27

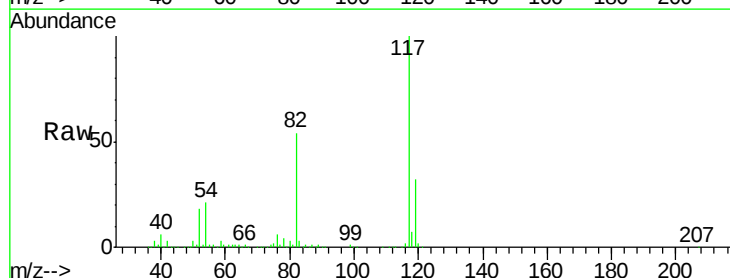
Tgt Ion: 117 Resp: 793773

Ion Ratio Lower Upper

117 100

82 53.7 41.9 62.9

119 32.0 25.4 38.2

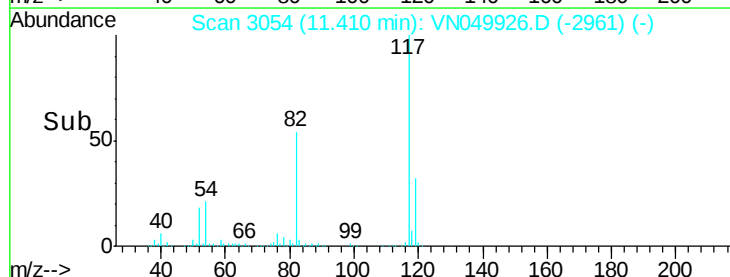


Abundance Ion 116.90 (116.60 to 117.60): VN049926.D (-2961) (-)

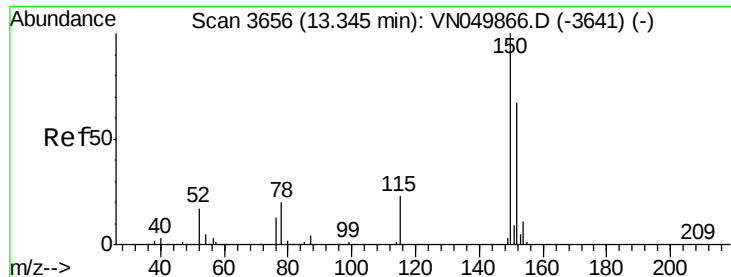
Ion 82.00 (81.70 to 82.70): VN049926.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049926.D (-2961) (-)

Time-->



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: VN049926.D

Acq: 19 Jul 2018 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#13

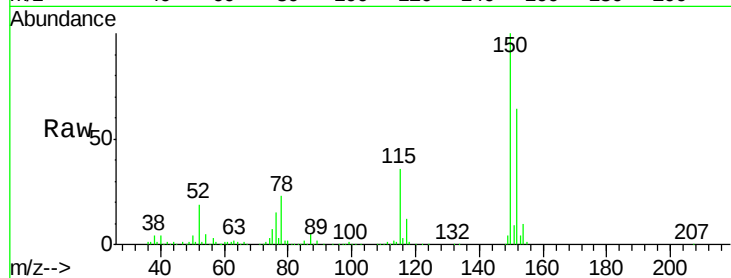
Tot Ion:152 Resp: 291129

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 157.4 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

