

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049823.D
 Acq On : 14 Jul 2018 3:22
 Operator : MD\SY
 Sample : J3825-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-071118-D

Quant Time: Jul 14 04:33:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

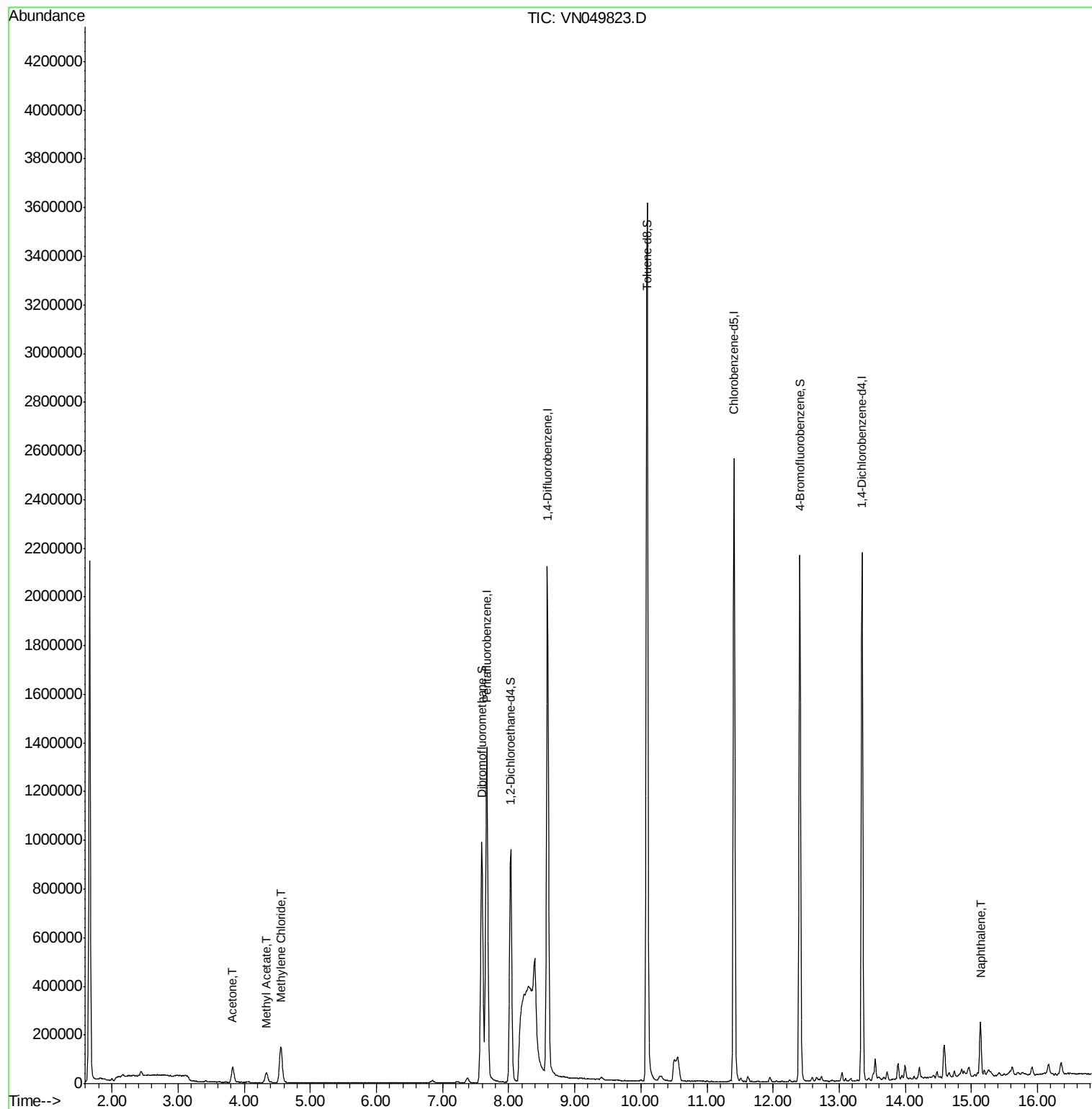
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1177416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1970705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1584703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	611325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	811331	59.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.48%	
35) Dibromofluoromethane	7.59	113	742265	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.09	98	2603225	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	712372	39.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.46%	
Target Compounds						
16) Acetone	3.82	43	108926	30.49	ug/l	96
18) Methyl Acetate	4.34	43	78816	6.24	ug/l	98
20) Methylene Chloride	4.55	84	112937	7.25	ug/l	98
95) Naphthalene	15.14	128	197468	10.74	ug/l	99

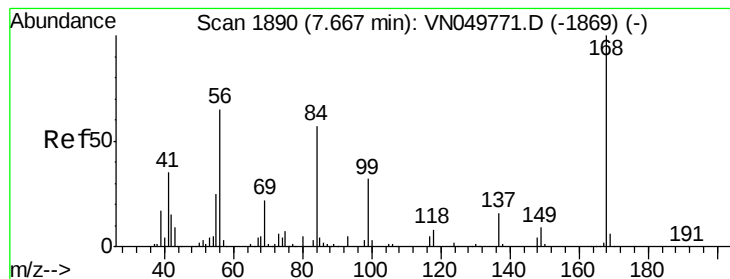
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071318\
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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: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

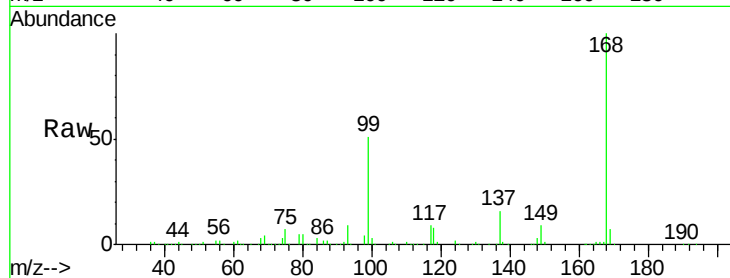
CL-02-071118-D

Tot Ion:168 Resp: 1177416

Ion Ratio Lower Upper

168 100

99 50.8 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

500000

400000

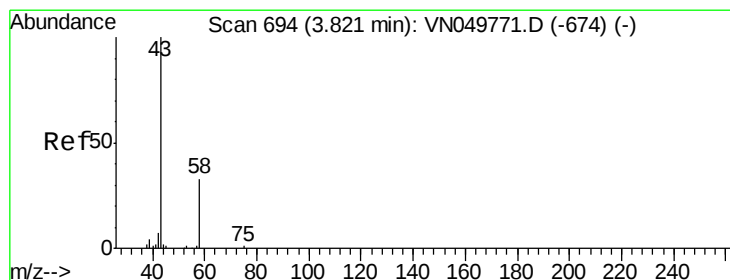
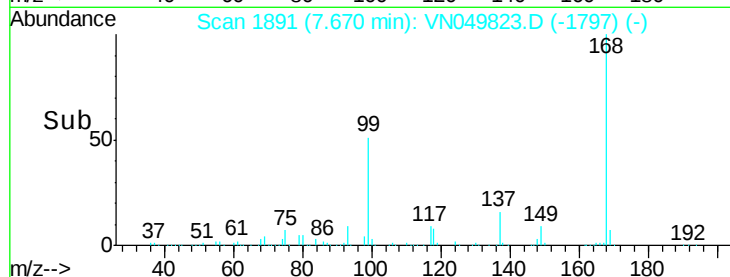
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 30.49 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049823.D

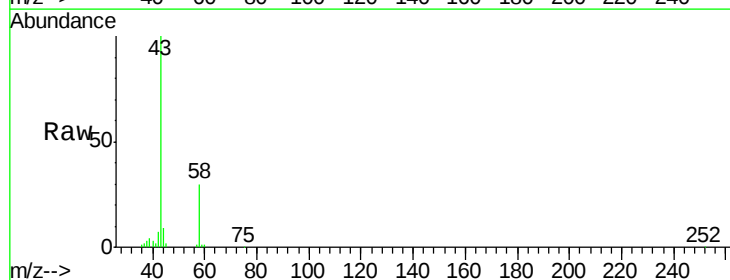
Acq: 14 Jul 2018 3:22

Tgt Ion: 43 Resp: 108926

Ion Ratio Lower Upper

43 100

58 30.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

40000

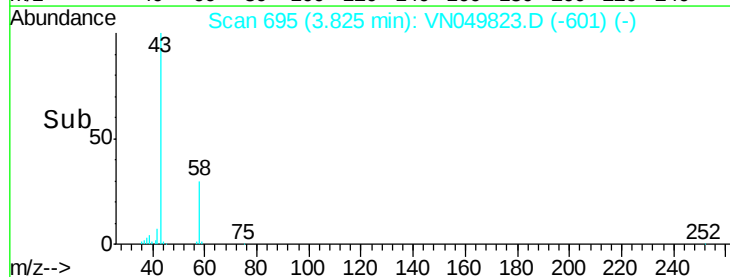
30000

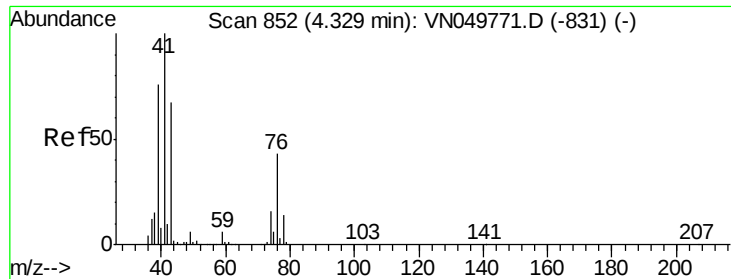
20000

10000

0

Time-->

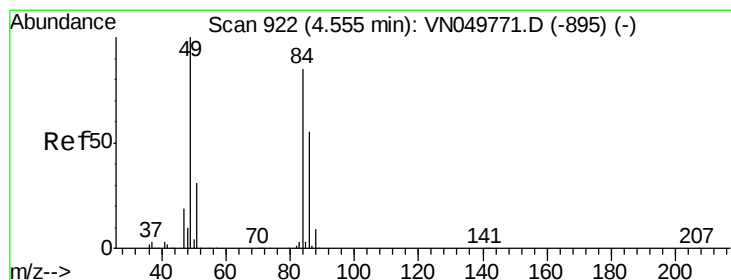
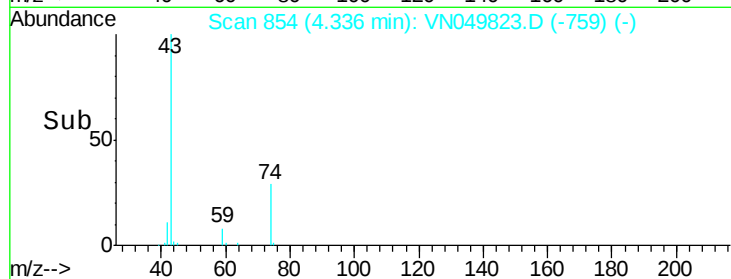
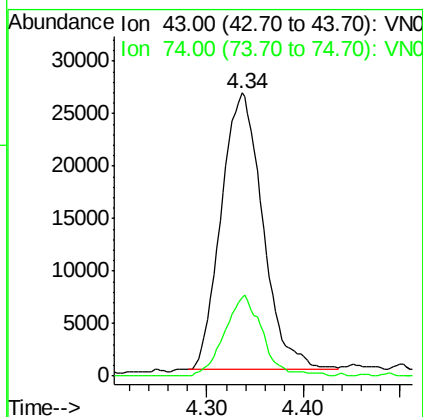
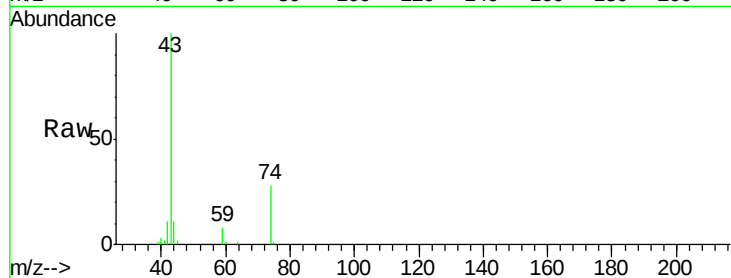




#18
Methvl Acetate
Concen: 6.24 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

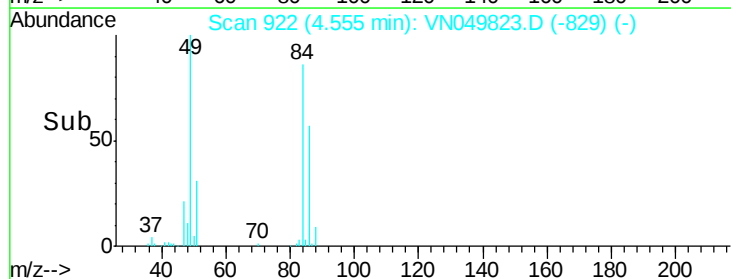
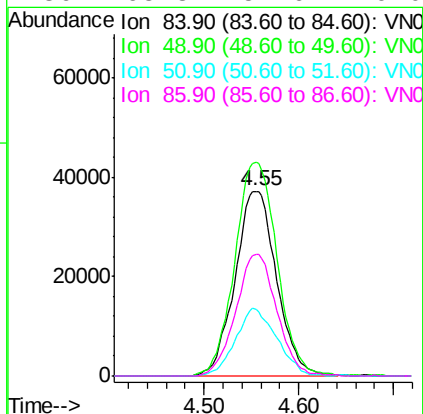
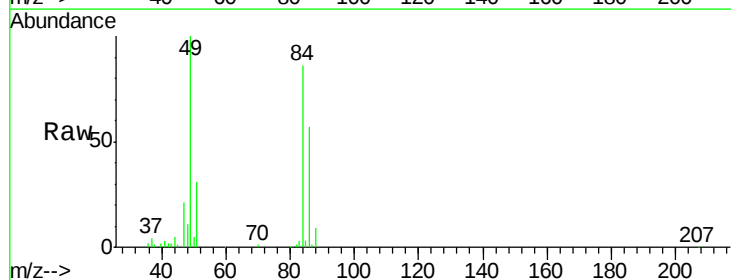
Instrument :
MSVOA_N
ClientSampleId :
CL-02-071118-D

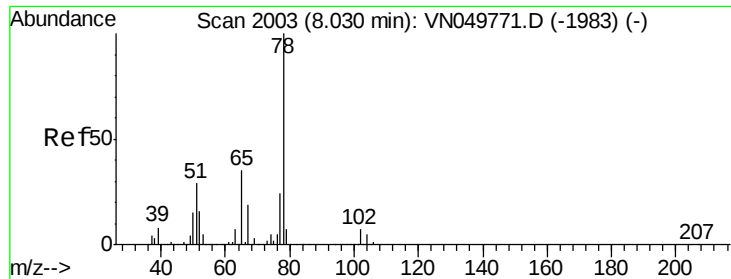
Tot Ion: 43 Resp: 78816
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.8



#20
Methylene Chloride
Concen: 7.25 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049823.D
Acq: 14 Jul 2018 3:22

Tgt Ion: 84 Resp: 112937
Ion Ratio Lower Upper
84 100
49 115.7 95.4 143.2
51 36.3 28.4 42.6
86 65.8 52.6 79.0

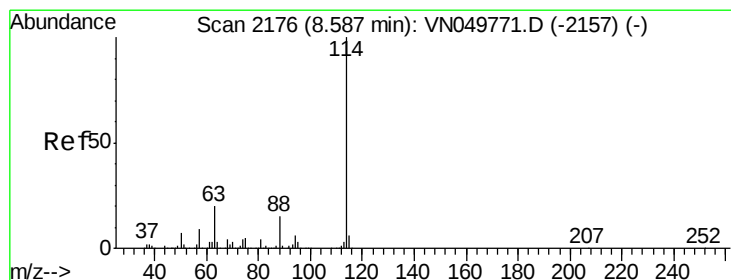
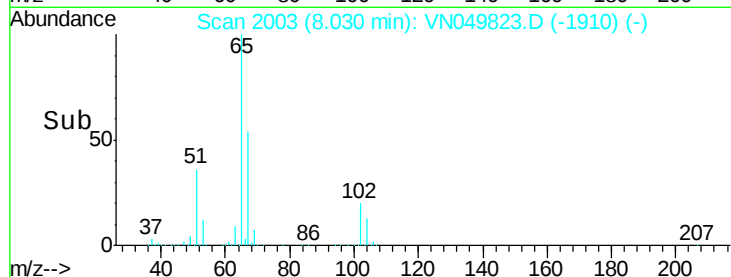
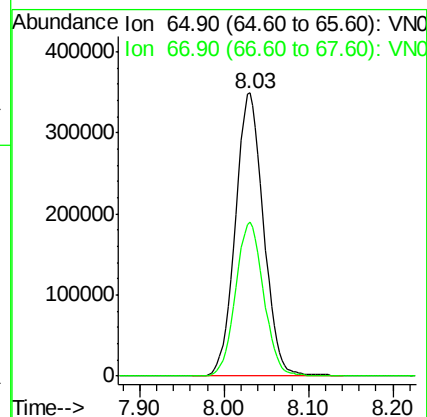
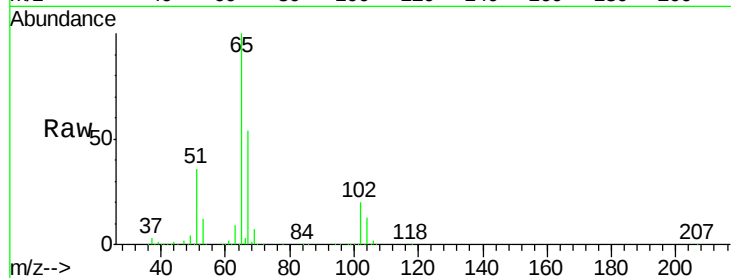




#33
 1,2-Dichloroethane-d4
 Concen: 59.24 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

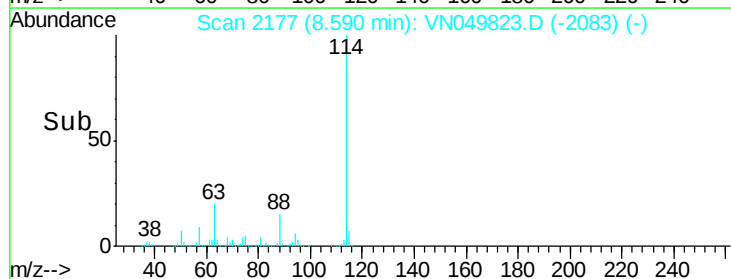
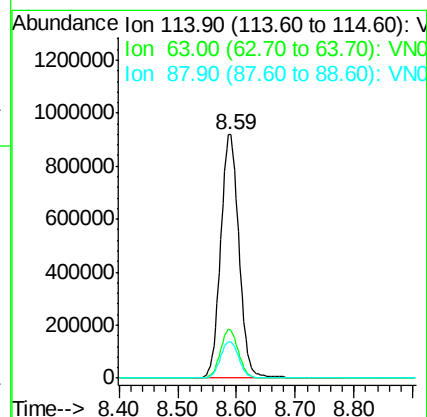
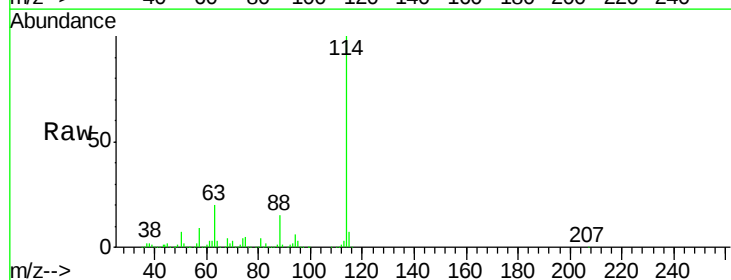
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-071118-D

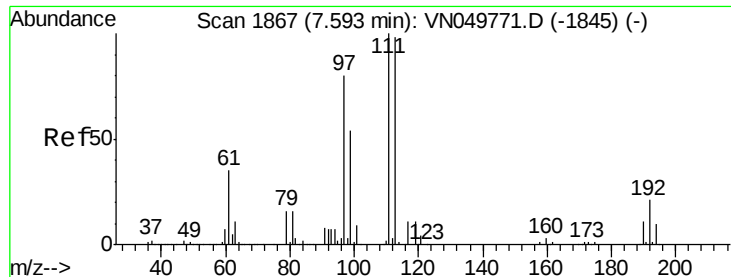
Tot Ion: 65 Resp: 811331
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049823.D
 Acq: 14 Jul 2018 3:22

Tgt Ion: 114 Resp: 1970705
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.97 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

CL-02-071118-D

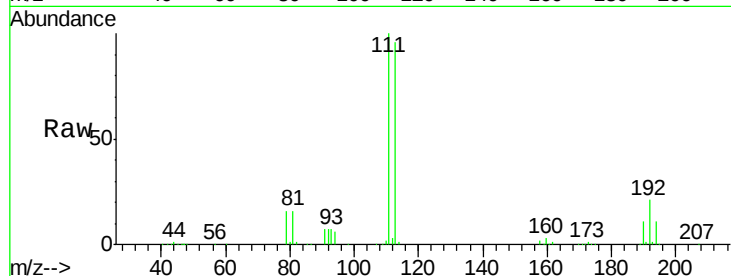
Tot Ion:113 Resp: 742265

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

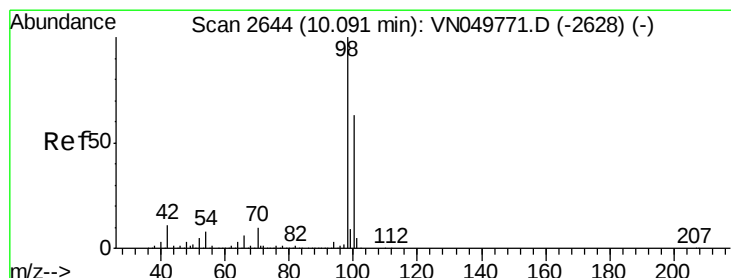
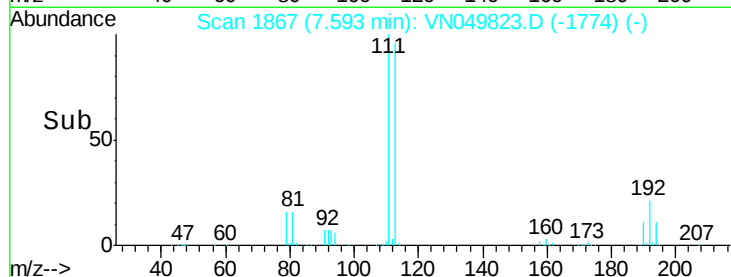
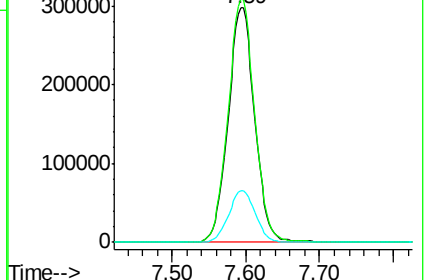
192 22.2 17.8 26.6



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



#50

Toluene-d8

Concen: 51.20 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049823.D

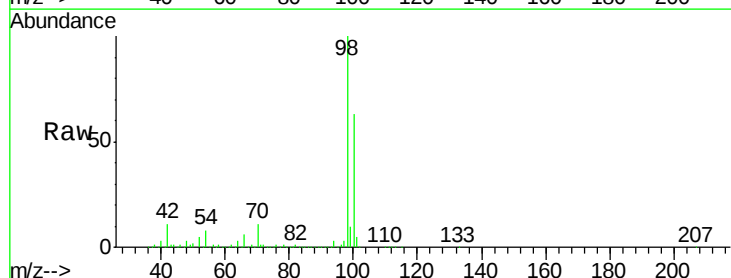
Acq: 14 Jul 2018 3:22

Tgt Ion: 98 Resp: 2603225

Ion Ratio Lower Upper

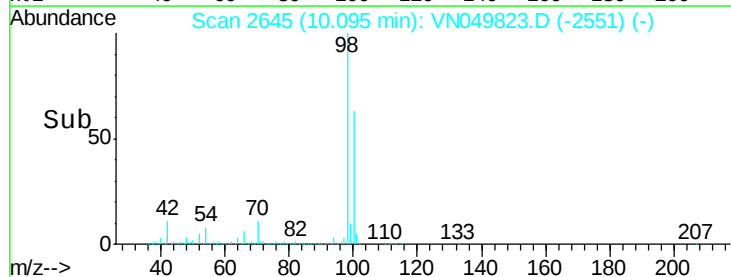
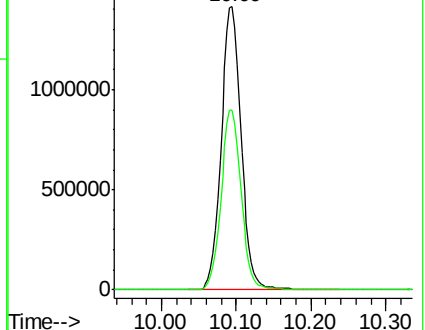
98 100

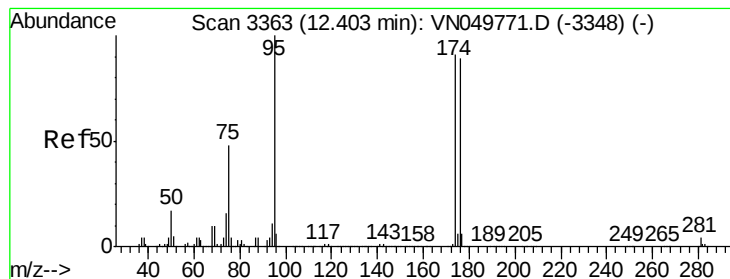
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 39.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

CL-02-071118-D

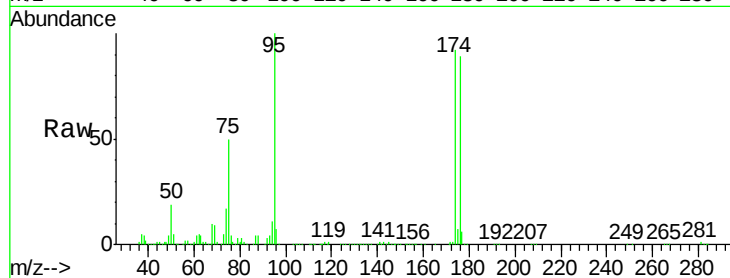
Tot Ion: 95 Resp: 712372

Ion Ratio Lower Upper

95 100

174 91.5 0.0 179.6

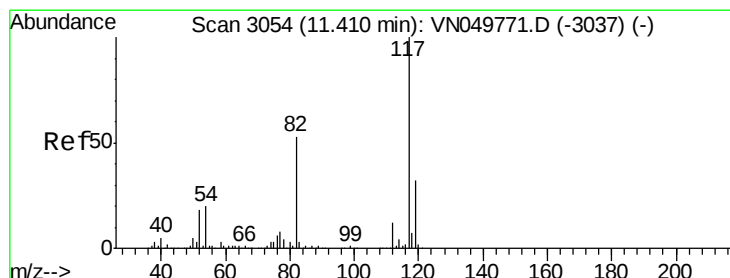
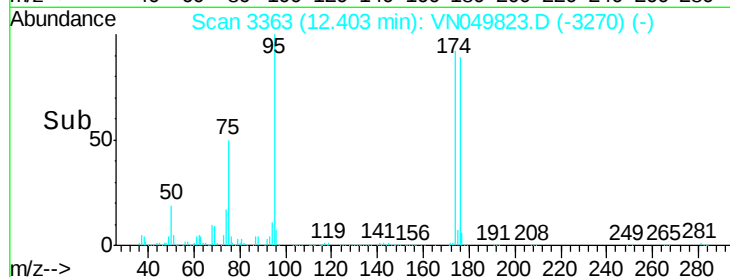
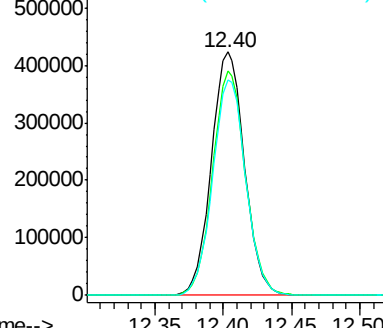
176 88.4 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049823.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049823.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049823.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

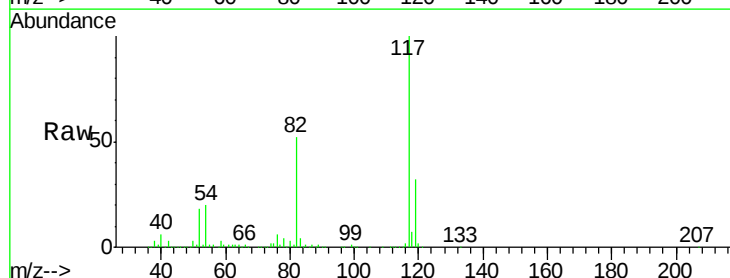
Tgt Ion: 117 Resp: 1584703

Ion Ratio Lower Upper

117 100

82 52.2 41.9 62.9

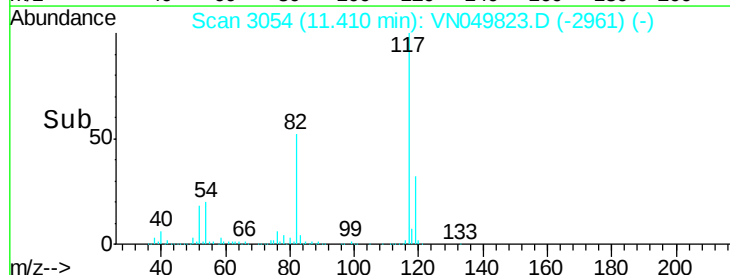
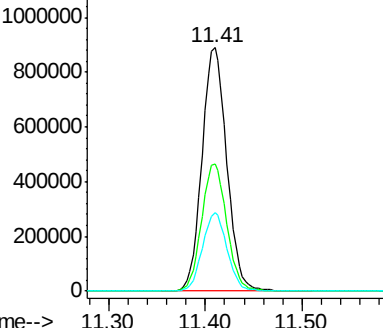
119 32.1 25.4 38.2

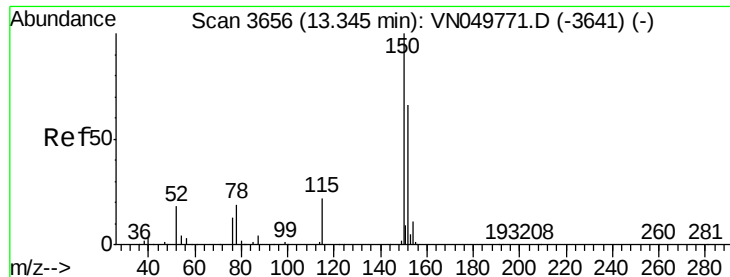


Abundance Ion 116.90 (116.60 to 117.60): VN049823.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049823.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049823.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

Instrument :

MSVOA_N

ClientSampleId :

CL-02-071118-D

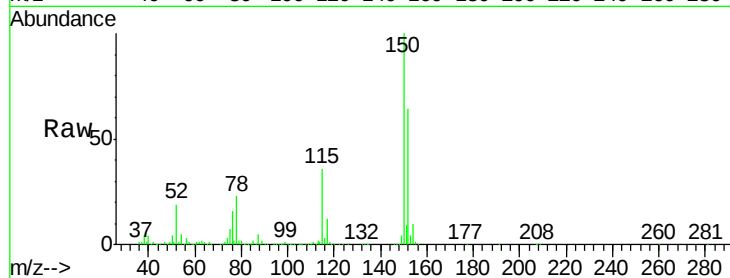
Tot Ion:152 Resp: 611325

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

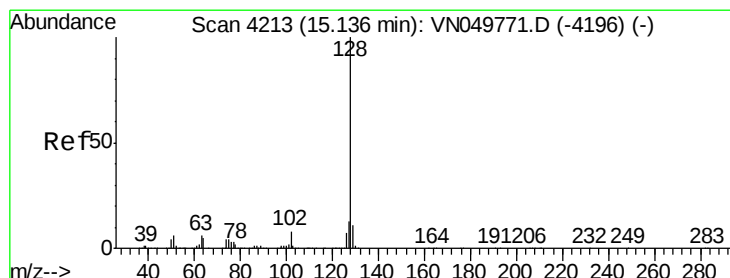
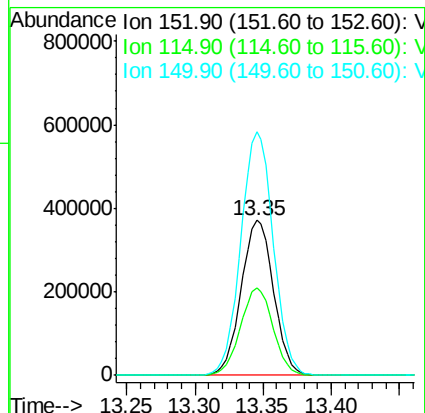
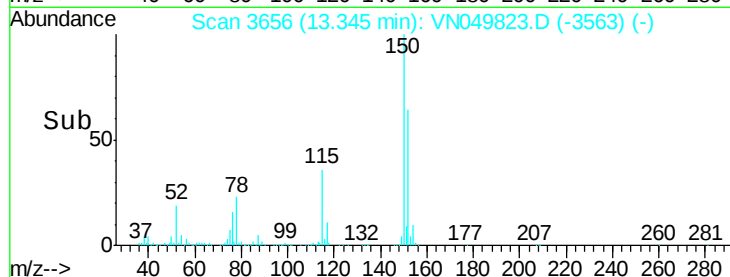
150 157.3 0.0 347.6



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



#95

Naphthalene

Concen: 10.74 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049823.D

Acq: 14 Jul 2018 3:22

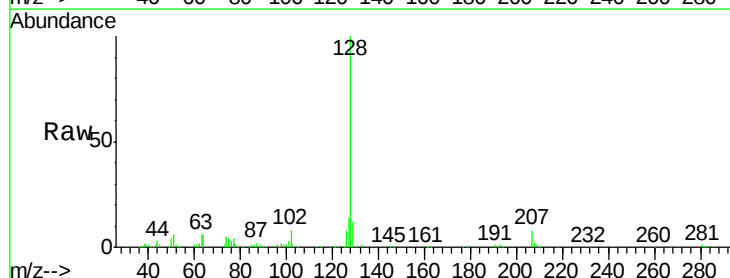
Tgt Ion:128 Resp: 197468

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

