

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072318\
 Data File : VN050008.D
 Acq On : 23 Jul 2018 12:55
 Operator : MD\SY
 Sample : J4101-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Jul 24 05:38:04 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	586420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	991028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	856944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	325471	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	425685	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.62%		
35) Dibromofluoromethane	7.59	113	371209	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.24%		
50) Toluene-d8	10.09	98	1353991	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.34%		
62) 4-Bromofluorobenzene	12.40	95	381727	36.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	73.12%		

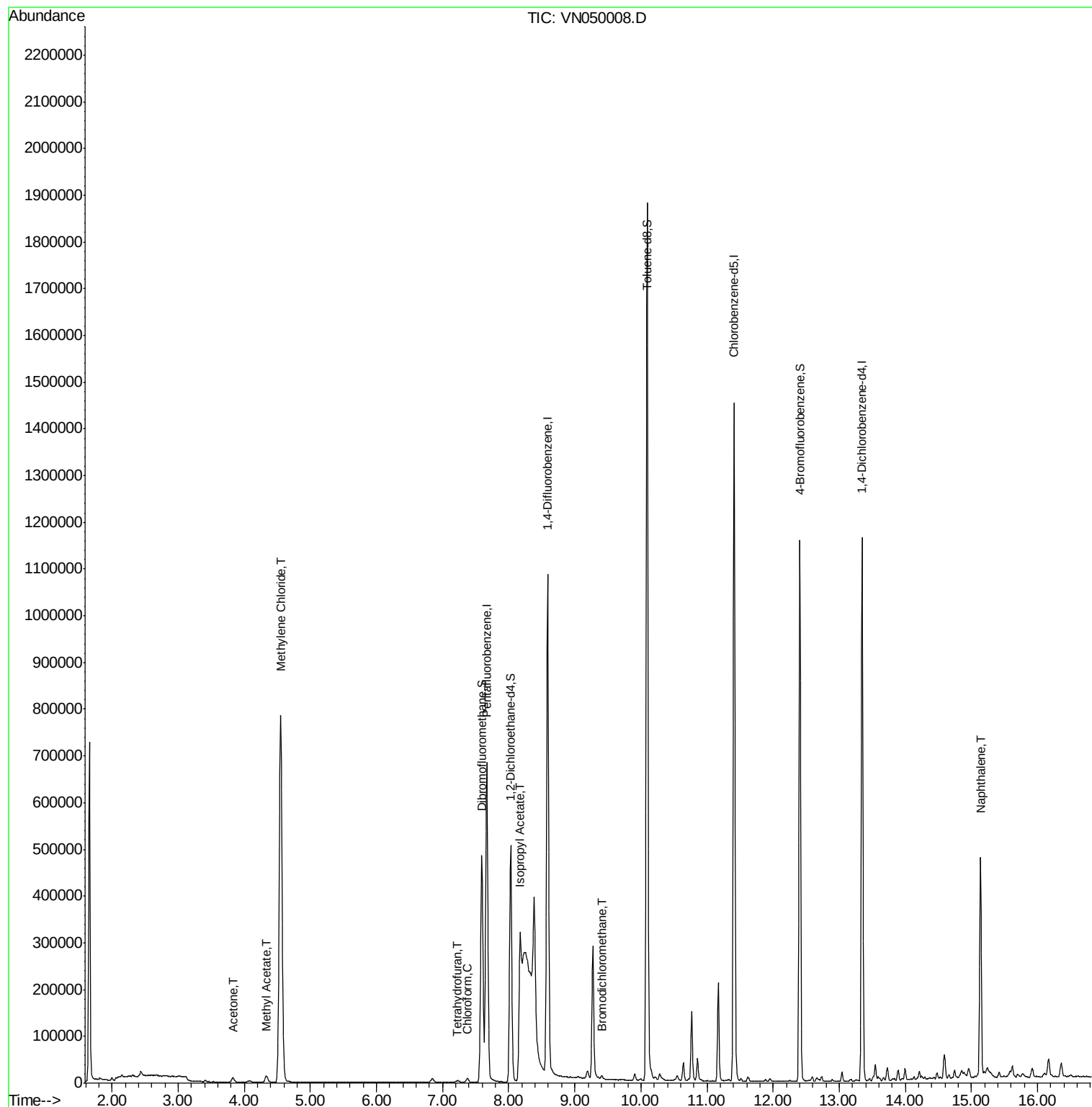
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	17248	8.27	ug/l	99
18) Methyl Acetate	4.33	43	26884	3.33	ug/l	94
20) Methylene Chloride	4.55	84	603544	76.05	ug/l	99
29) Tetrahydrofuran	7.22	42	3752	2.00	ug/l #	83
30) Chloroform	7.37	83	8986	0.67	ug/l	94
43) Isopropyl Acetate	8.17	43	414715	31.37	ug/l #	87
47) Bromodichloromethane	9.41	83	3084	0.27	ug/l	90
95) Naphthalene	15.14	128	411472	28.79	ug/l	100

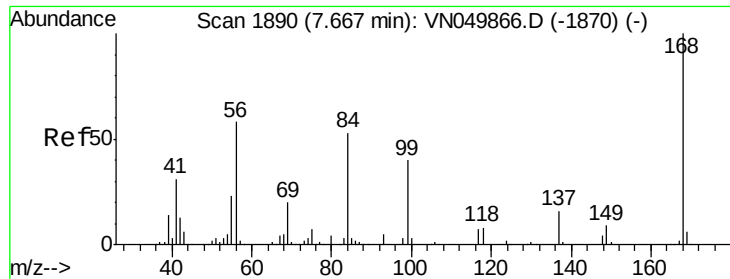
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 05:38:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
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: VN050008.D

Acq: 23 Jul 2018 12:55

Instrument :

MSVOA_N

ClientSampled :

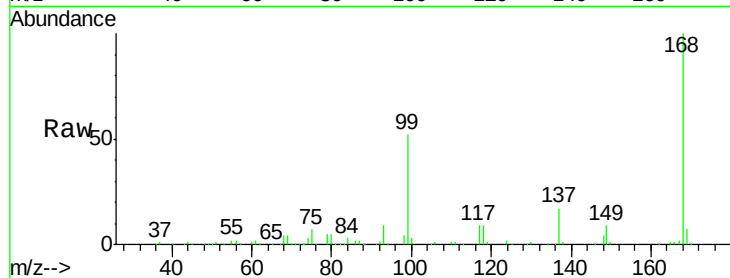
TP-2

Tot Ion:168 Resp: 586420

Ion Ratio Lower Upper

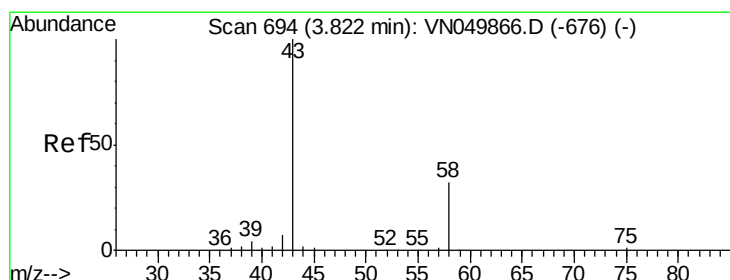
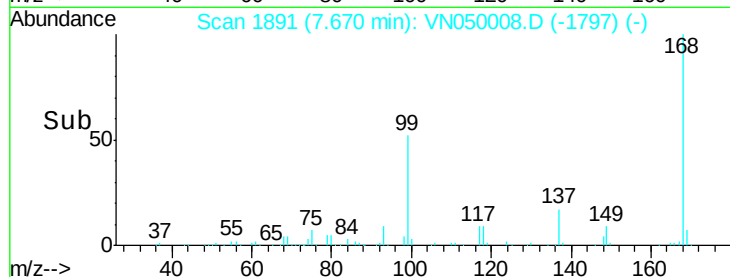
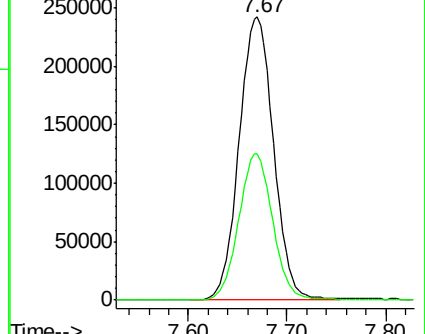
168 100

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): VNO



#16

Acetone

Concen: 8.27 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050008.D

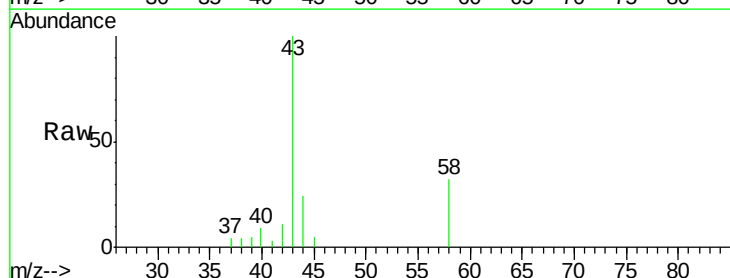
Acq: 23 Jul 2018 12:55

Tgt Ion: 43 Resp: 17248

Ion Ratio Lower Upper

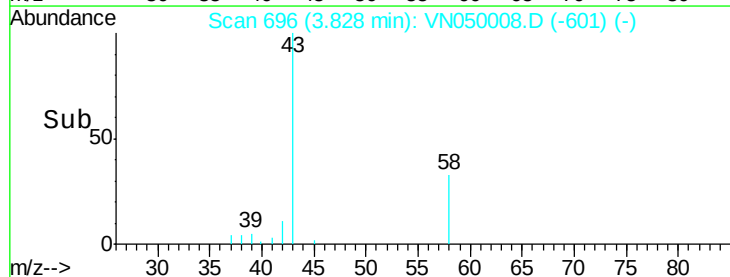
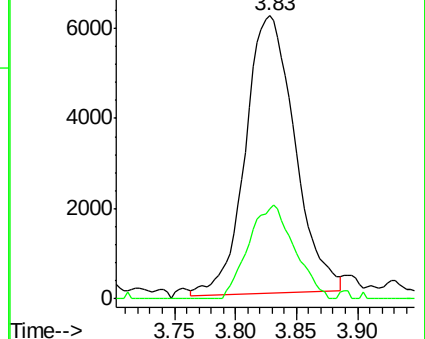
43 100

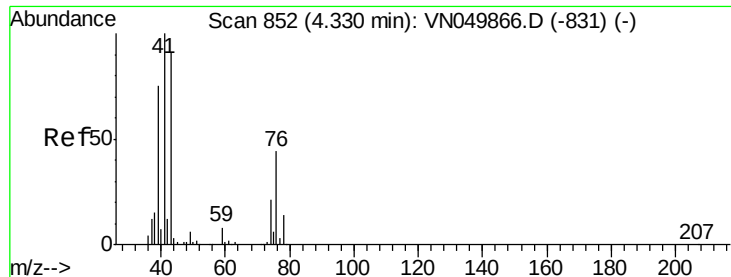
58 33.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

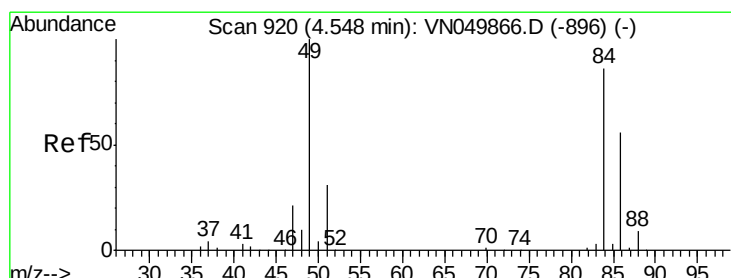
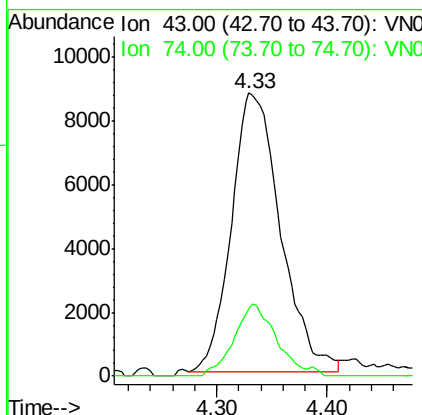
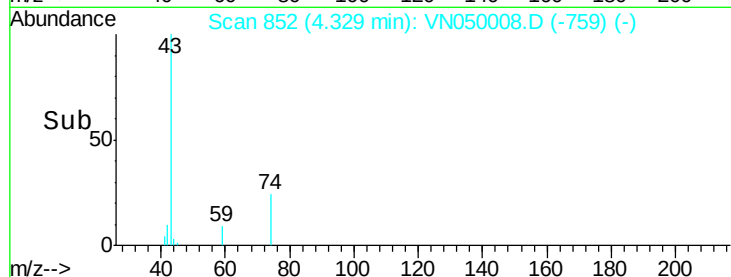
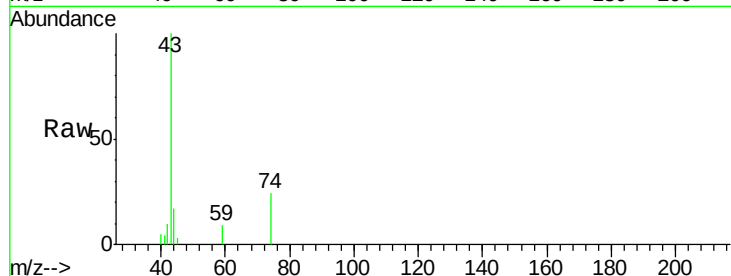




#18
Methvl Acetate
Concen: 3.33 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050008.D
Acq: 23 Jul 2018 12:55

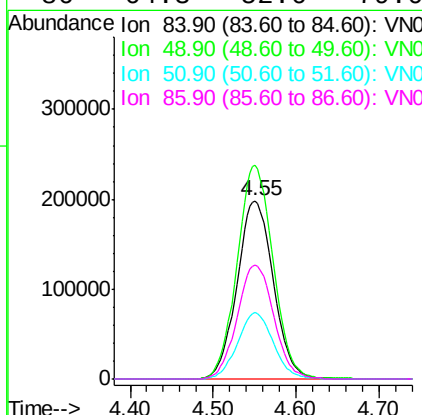
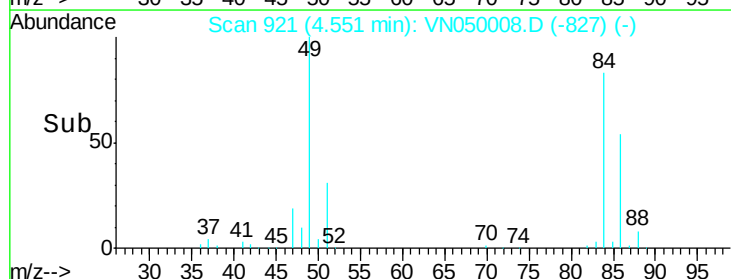
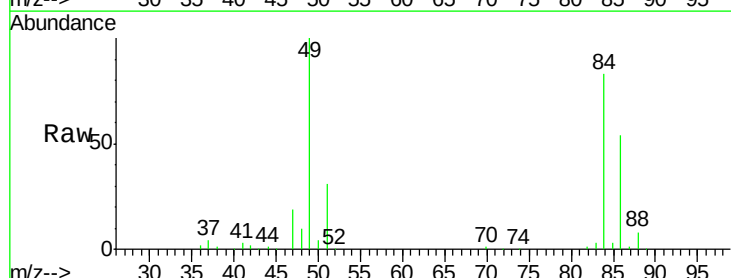
Instrument :
MSVOA_N
ClientSampleId :
TP-2

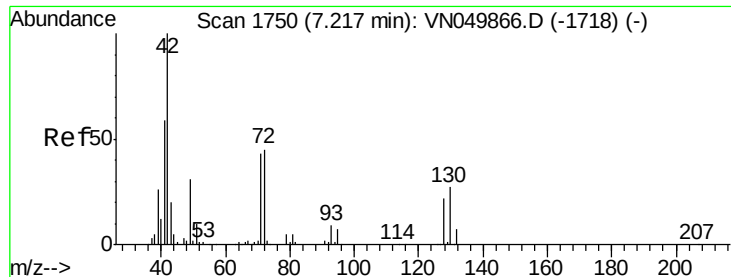
Tot Ion: 43 Resp: 26884
Ion Ratio Lower Upper
43 100
74 22.0 19.8 29.8



#20
Methylene Chloride
Concen: 76.05 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050008.D
Acq: 23 Jul 2018 12:55

Tgt Ion: 84 Resp: 603544
Ion Ratio Lower Upper
84 100
49 120.0 95.4 143.2
51 37.5 28.4 42.6
86 64.3 52.6 79.0

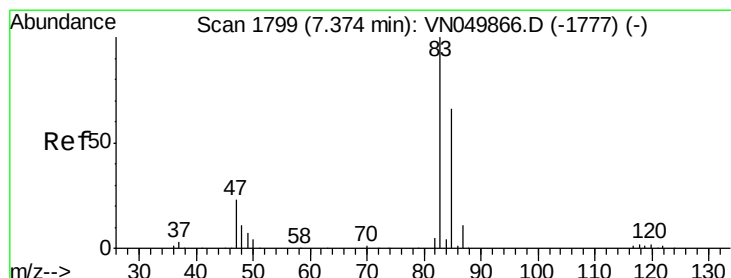
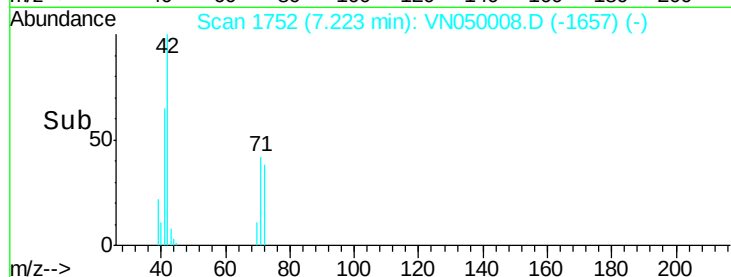
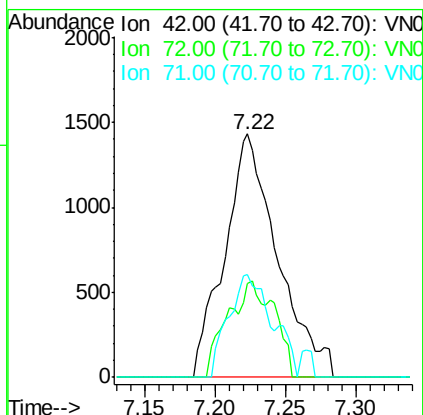
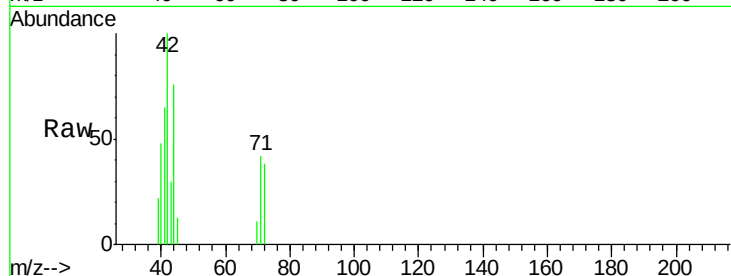




#29
Tetrahydrofuran
Concen: 2.00 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN050008.D
Acq: 23 Jul 2018 12:55

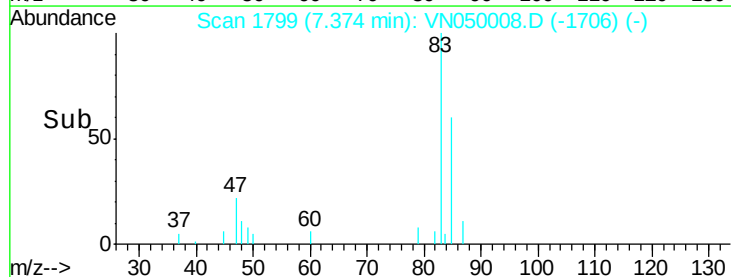
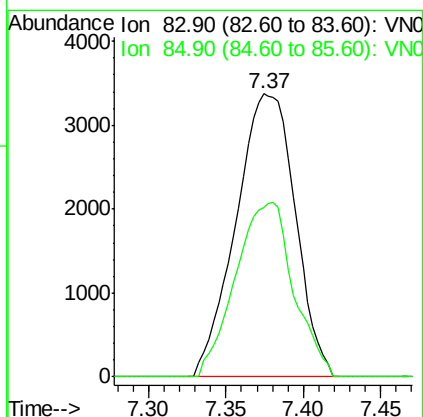
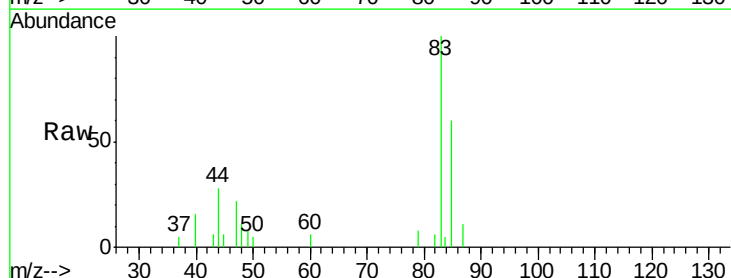
Instrument :
MSVOA_N
ClientSampled :
TP-2

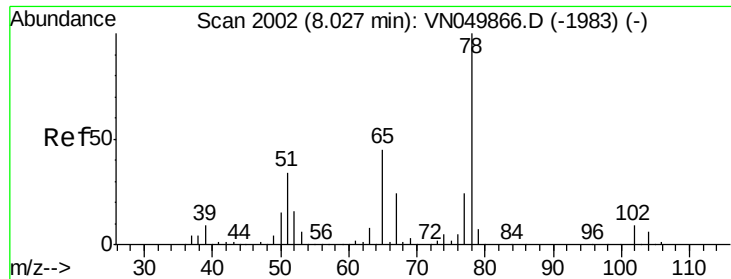
Tot Ion: 42 Resp: 3752
Ion Ratio Lower Upper
42 100
72 34.9 35.6 53.4#
71 29.8 34.0 51.0#



#30
Chloroform
Concen: 0.67 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050008.D
Acq: 23 Jul 2018 12:55

Tgt Ion: 83 Resp: 8986
Ion Ratio Lower Upper
83 100
85 59.8 51.4 77.2

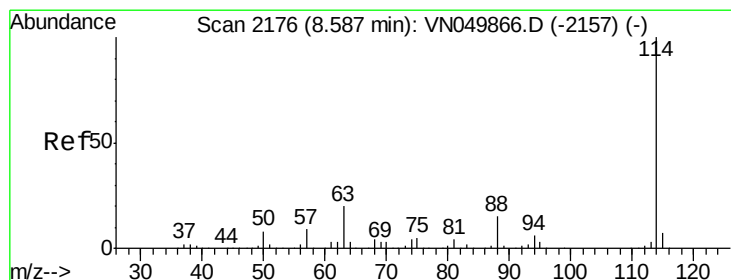
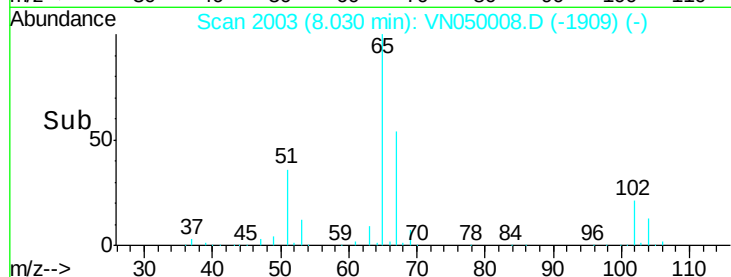
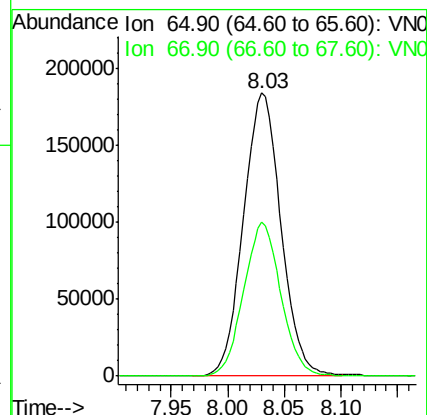
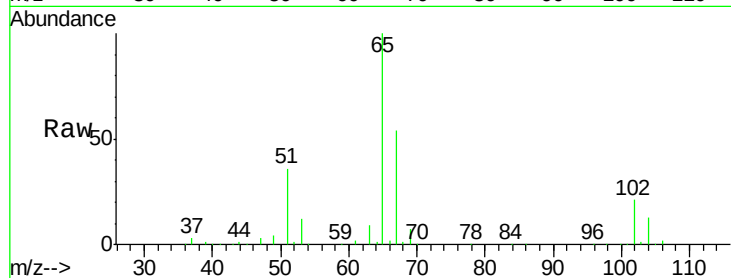




#33
 1,2-Dichloroethane-d4
 Concen: 52.81 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050008.D
 Acq: 23 Jul 2018 12:55

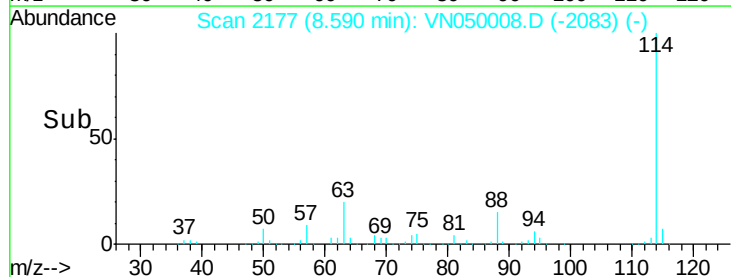
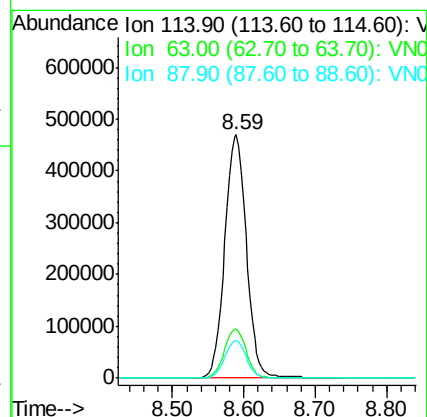
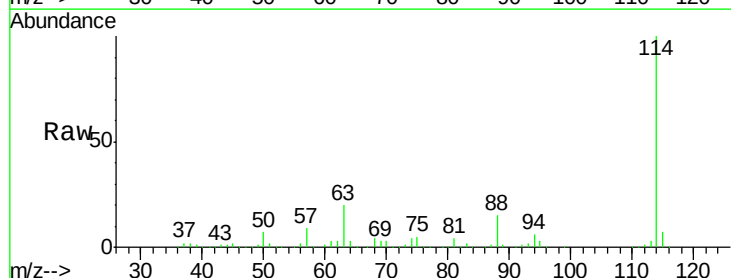
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

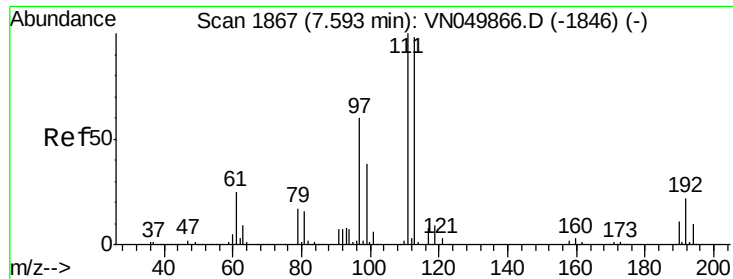
Tot Ion: 65 Resp: 425685
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050008.D
 Acq: 23 Jul 2018 12:55

Tgt Ion: 114 Resp: 991028
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.4 0.0 30.6

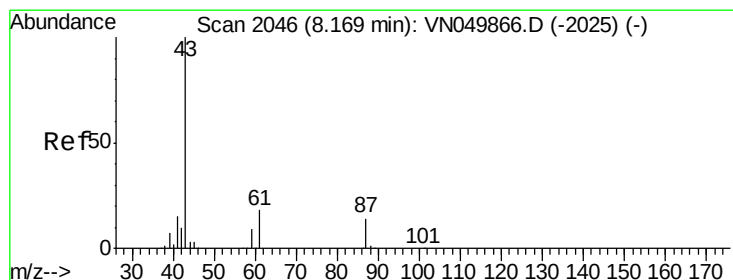
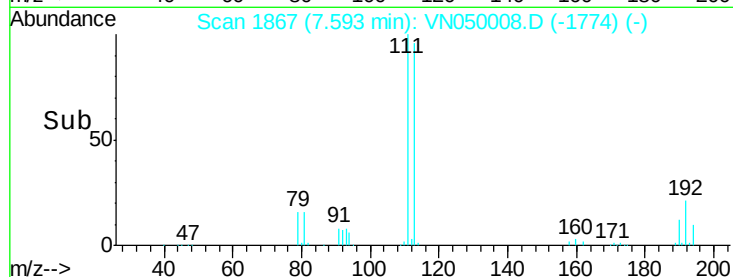
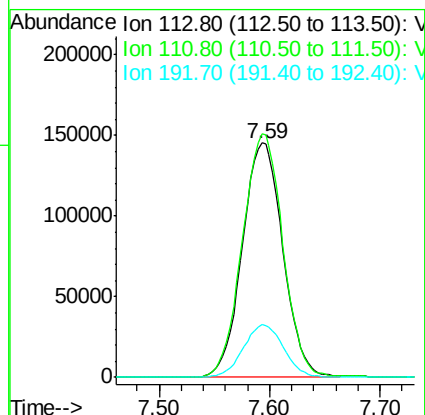
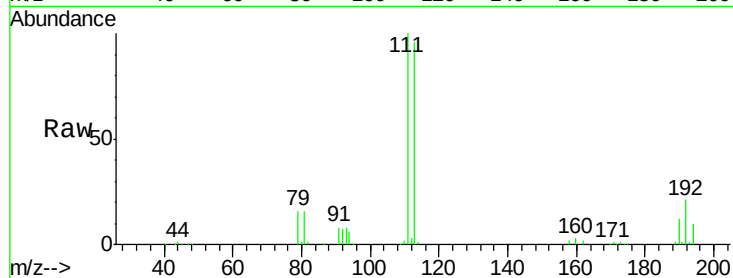




#35
 Dibromofluoromethane
 Concen: 44.62 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050008.D
 Acq: 23 Jul 2018 12:55

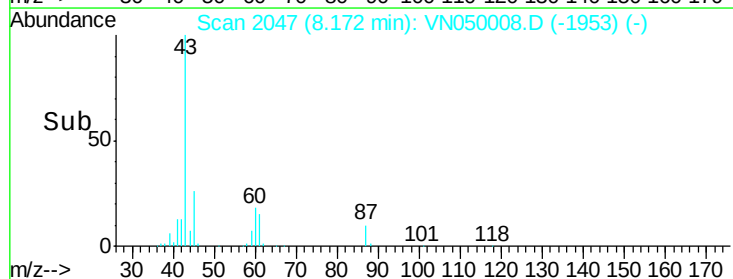
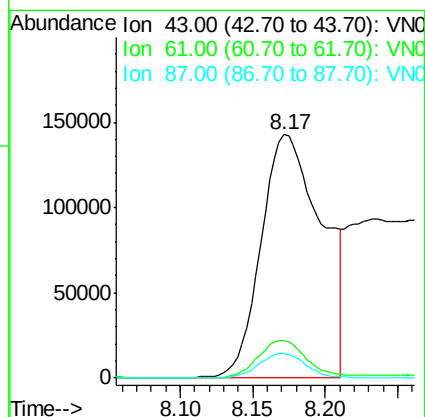
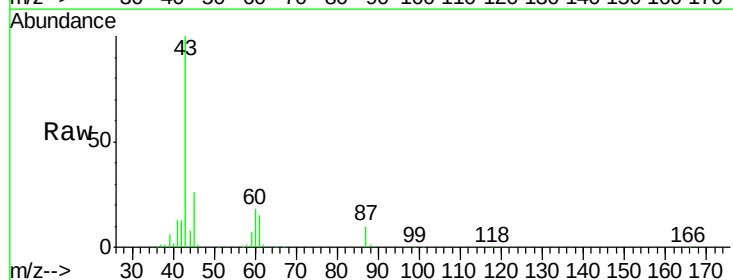
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

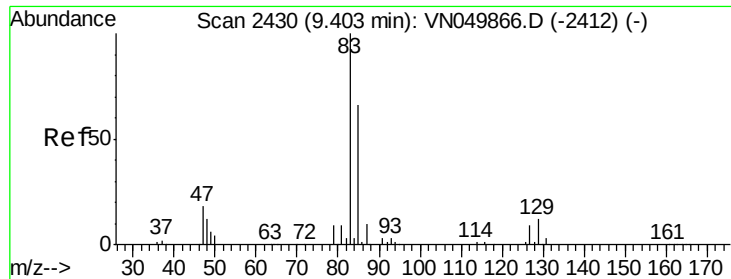
Tot Ion:113 Resp: 371209
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 22.3 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 31.37 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050008.D
 Acq: 23 Jul 2018 12:55

Tgt Ion: 43 Resp: 414715
 Ion Ratio Lower Upper
 43 100
 61 12.6 14.9 22.3#
 87 7.9 10.0 15.0#





#47

Bromodichloromethane

Concen: 0.27 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050008.D

Acq: 23 Jul 2018 12:55

Instrument :

MSVOA_N

ClientSampleId :

TP-2

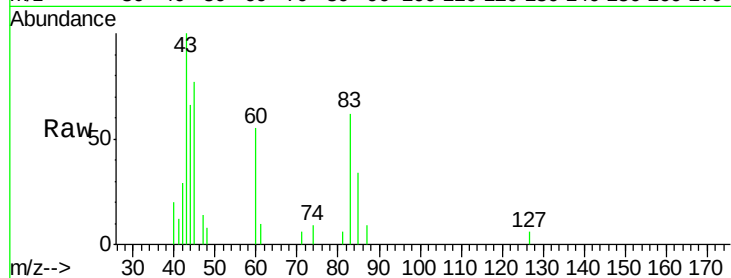
Tot Ion: 83 Resp: 3084

Ion Ratio Lower Upper

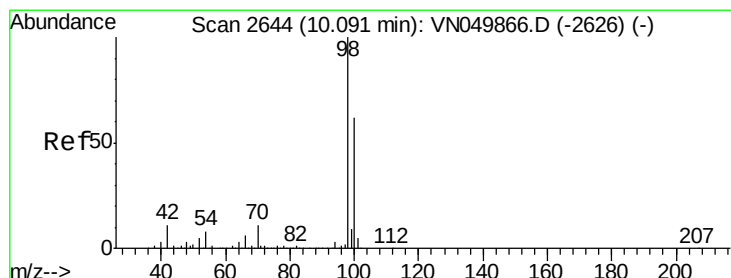
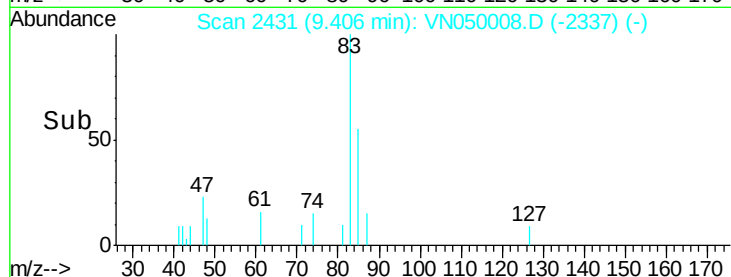
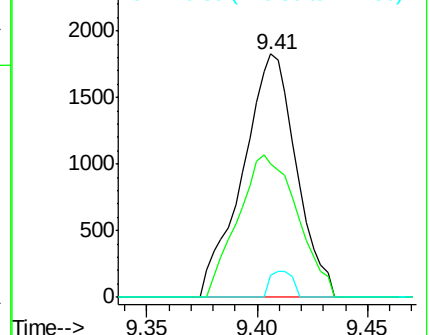
83 100

85 54.8 50.5 75.7

127 9.1 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#50

Toluene-d8

Concen: 44.67 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050008.D

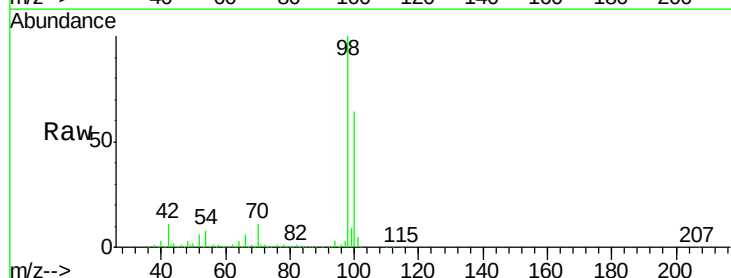
Acq: 23 Jul 2018 12:55

Tgt Ion: 98 Resp: 1353991

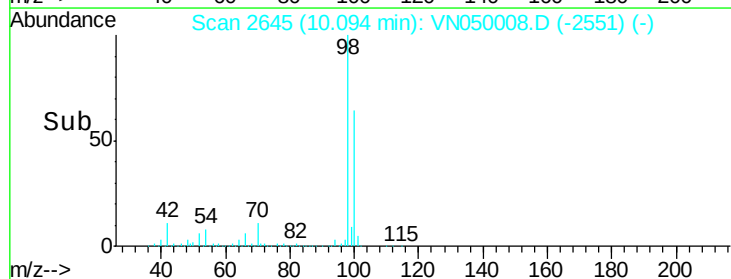
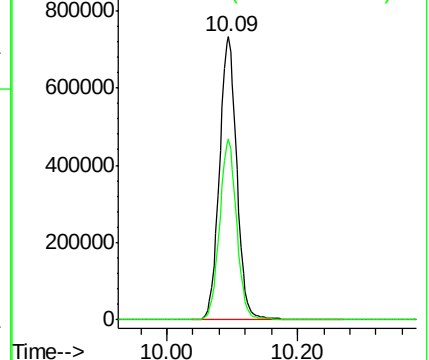
Ion Ratio Lower Upper

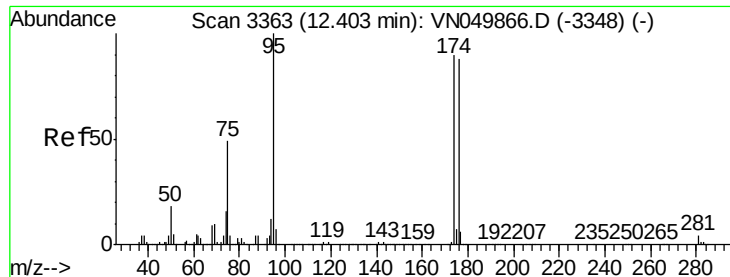
98 100

100 62.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050008.D

Acq: 23 Jul 2018 12:55

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MSVOA_N
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TP-2

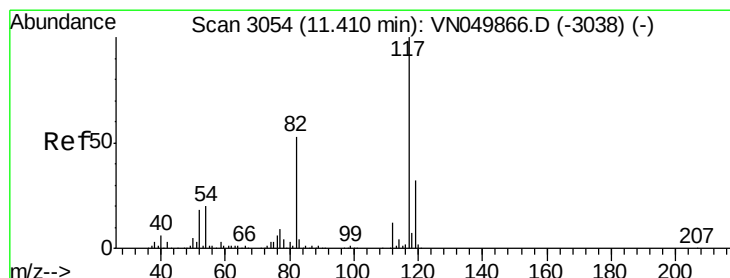
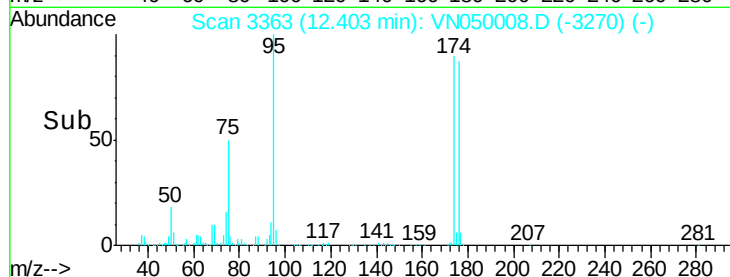
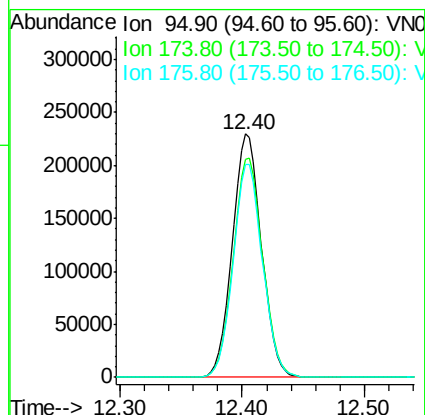
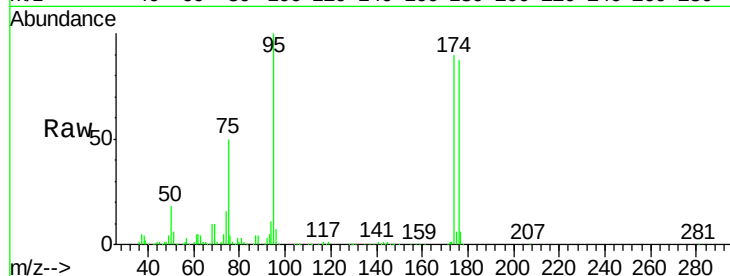
Tot Ion: 95 Resp: 381727

Ion Ratio Lower Upper

95 100

174 91.5 0.0 179.6

176 87.8 0.0 174.0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050008.D

Acq: 23 Jul 2018 12:55

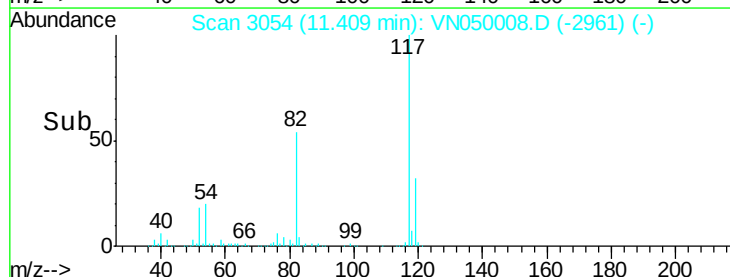
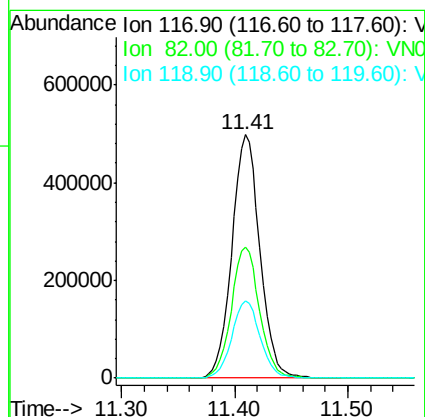
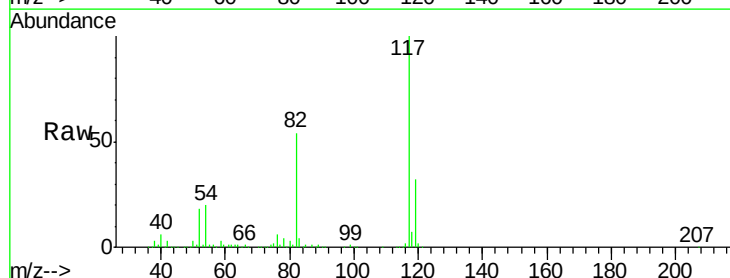
Tgt Ion: 117 Resp: 856944

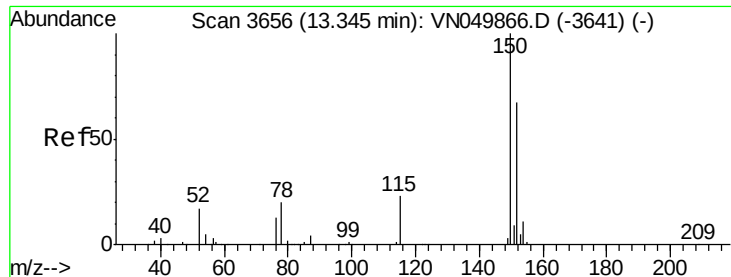
Ion Ratio Lower Upper

117 100

82 54.0 41.9 62.9

119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050008.D

Acq: 23 Jul 2018 12:55

Instrument :

MSVOA_N

ClientSampled :

TP-2

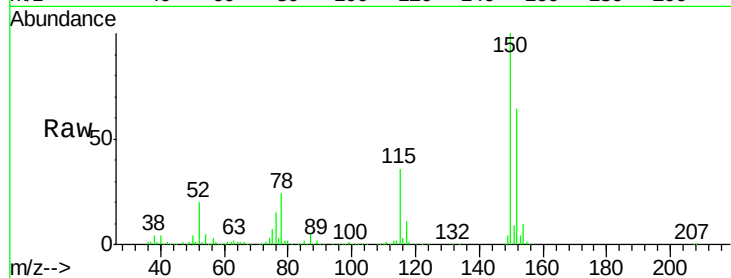
Tot Ion:152 Resp: 325471

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

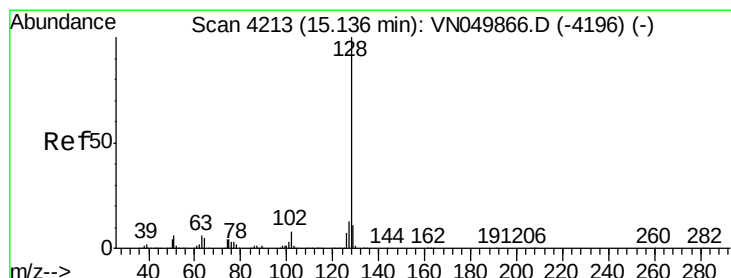
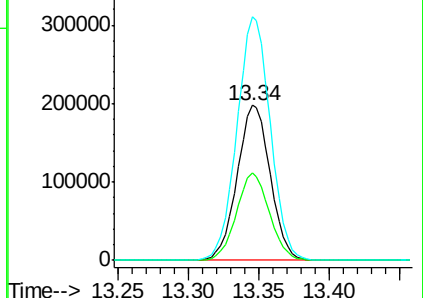
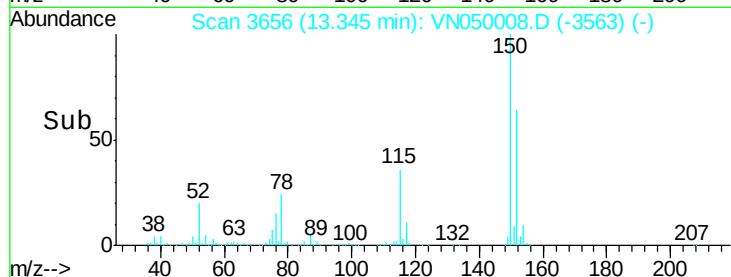
150 157.7 0.0 347.6



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: 28.79 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. -0.00 min

Lab File: VN050008.D

Acq: 23 Jul 2018 12:55

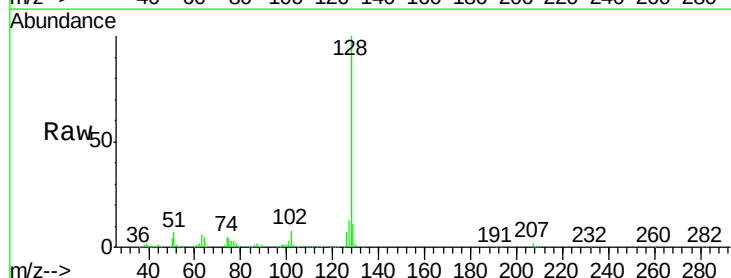
Tgt Ion:128 Resp: 411472

Ion Ratio Lower Upper

128 100

127 13.2 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

