

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049993.D
 Acq On : 21 Jul 2018 6:32
 Operator : MD\SY
 Sample : J4062-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

Quant Time: Jul 21 06:52:46 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	575082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	980523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311500	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	418396	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
35) Dibromofluoromethane	7.59	113	364641	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
50) Toluene-d8	10.09	98	1319864	44.01	ug/l	0.00
Spiked Amount			Recovery	=	88.02%	
62) 4-Bromofluorobenzene	12.40	95	366237	35.46	ug/l	0.00
Spiked Amount			Recovery	=	70.92%	

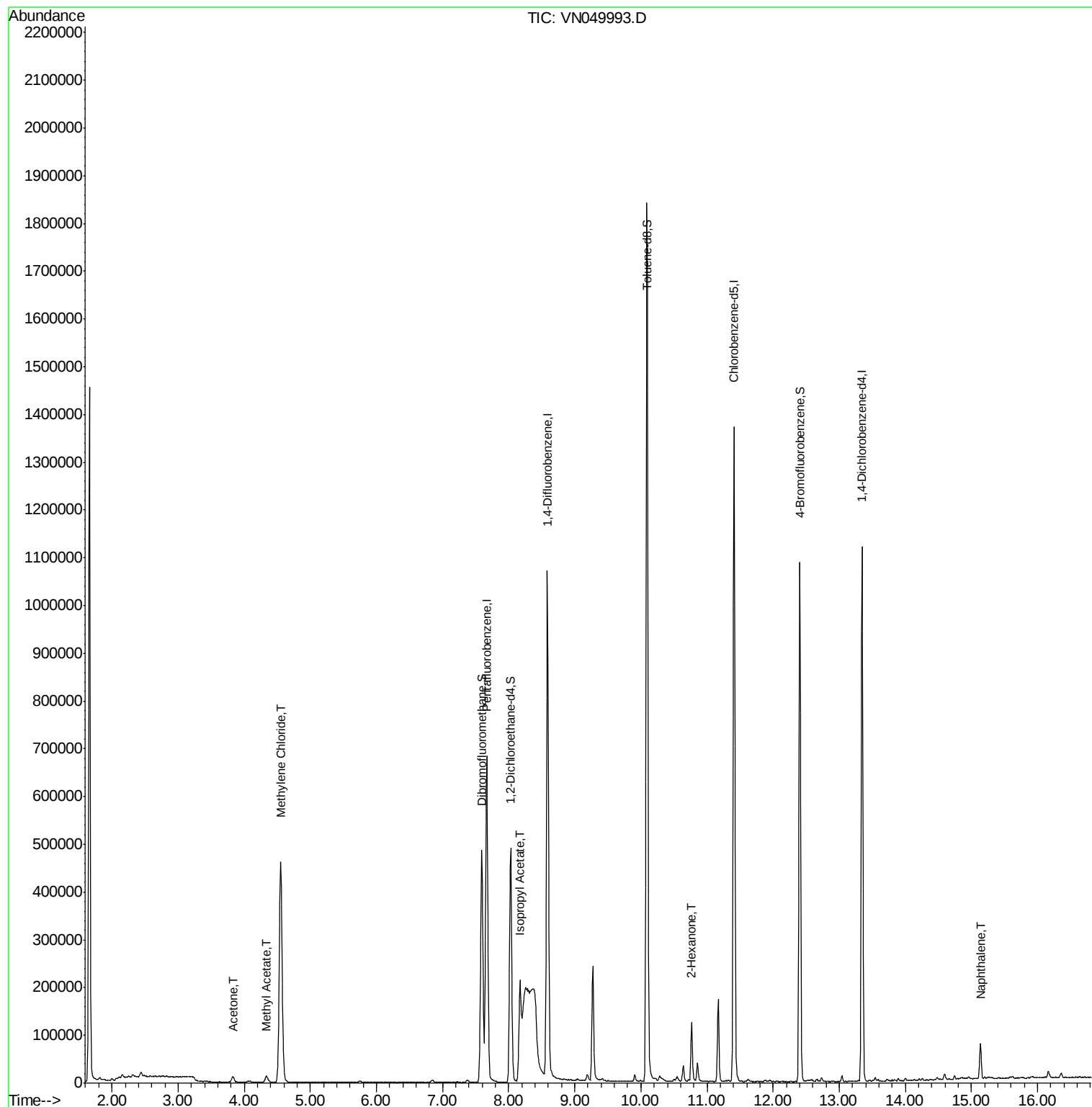
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19621	9.59	ug/l	99
18) Methyl Acetate	4.34	43	25790	3.24	ug/l #	75
20) Methylene Chloride	4.55	84	355022	45.62	ug/l	97
43) Isopropyl Acetate	8.17	43	255897	19.56	ug/l	96
59) 2-Hexanone	10.77	43	16916	3.44	ug/l #	56
95) Naphthalene	15.14	128	63081	8.38	ug/l	98

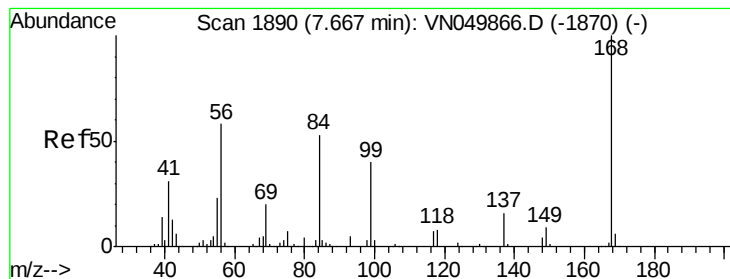
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072018\
Data File : VN049993.D
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Quant Title : SW846 8260
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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: VN049993.D

Acq: 21 Jul 2018 6:32

Instrument :

MSVOA_N

ClientSampled :

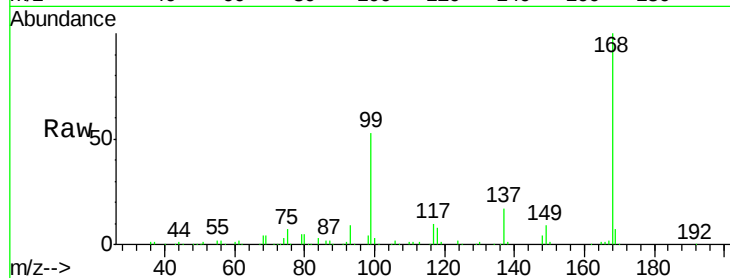
TP-8

Tot Ion:168 Resp: 575082

Ion Ratio Lower Upper

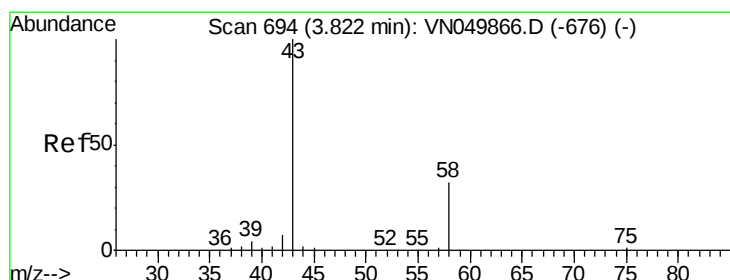
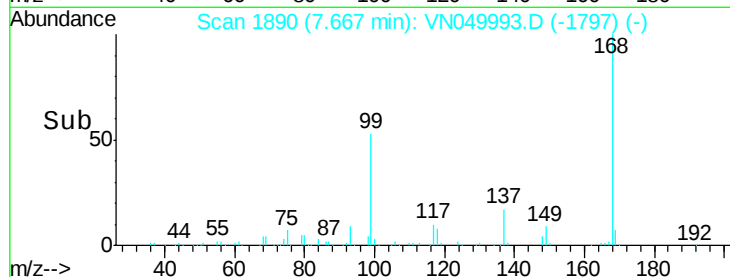
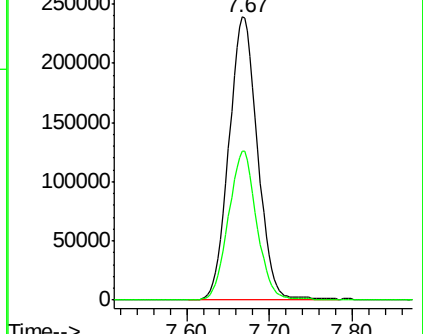
168 100

99 52.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 9.59 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049993.D

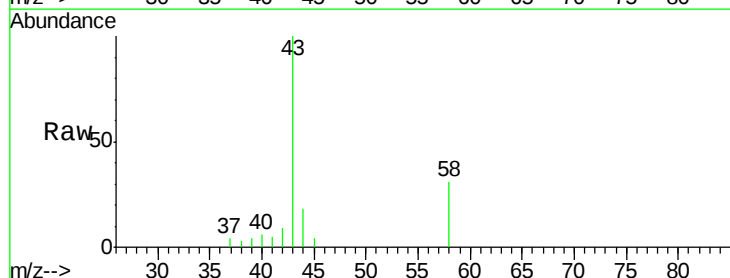
Acq: 21 Jul 2018 6:32

Tgt Ion: 43 Resp: 19621

Ion Ratio Lower Upper

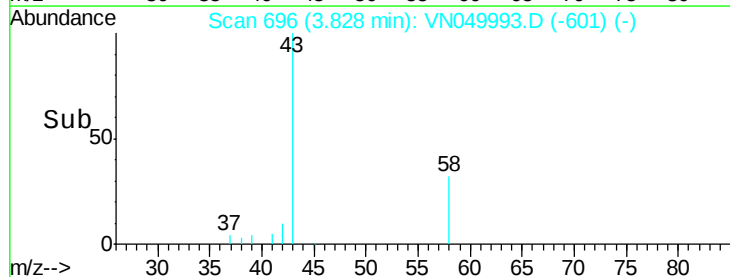
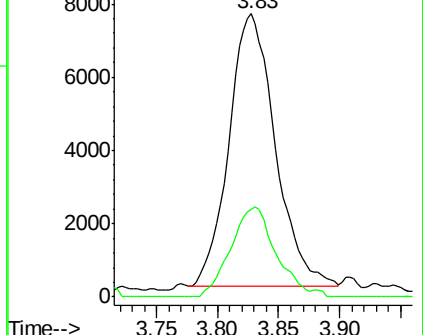
43 100

58 32.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

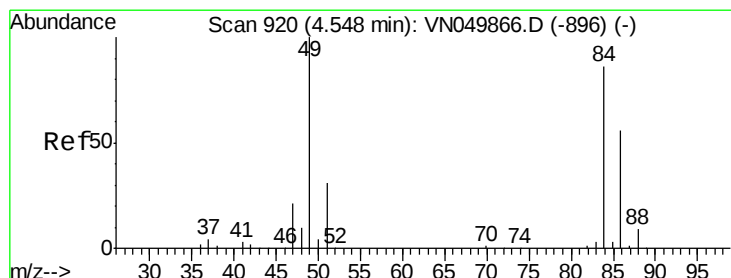
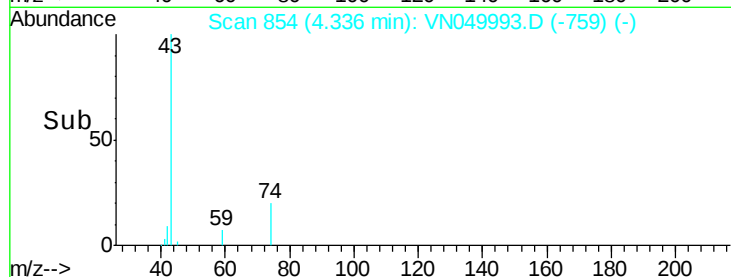
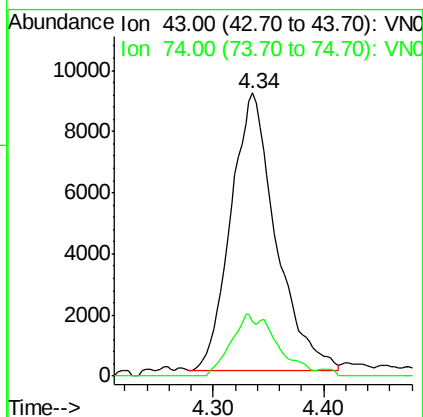
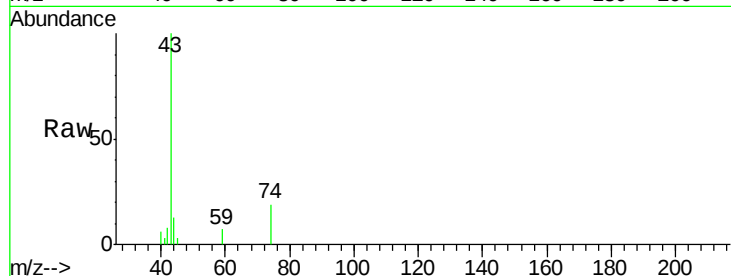




#18
Methyl Acetate
Concen: 3.24 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049993.D
Acq: 21 Jul 2018 6:32

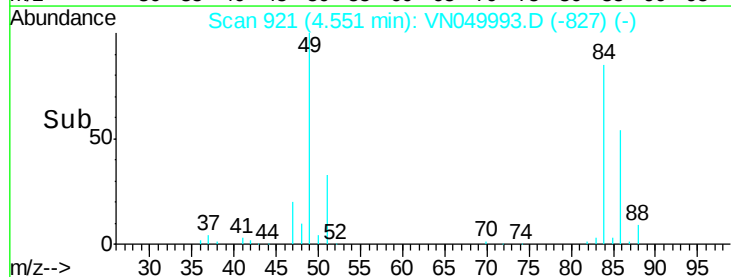
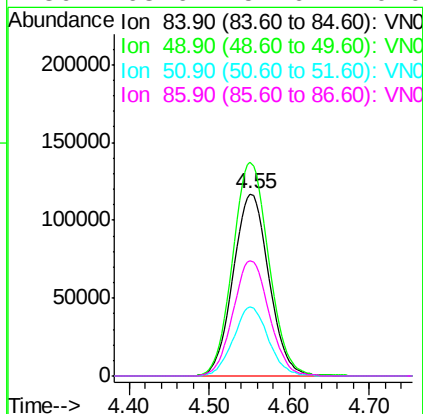
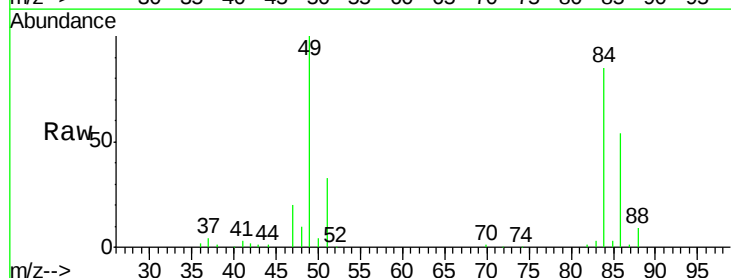
Instrument :
MSVOA_N
ClientSampled :
TP-8

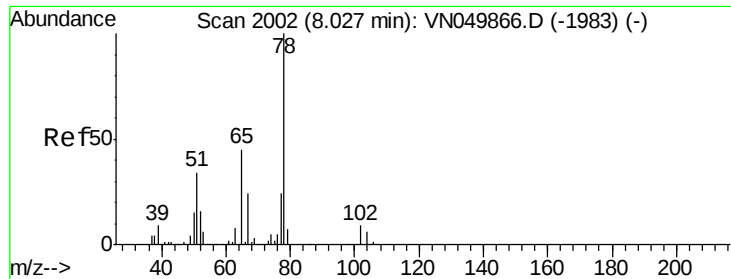
Tot Ion: 43 Resp: 25790
Ion Ratio Lower Upper
43 100
74 12.3 19.8 29.8#



#20
Methylene Chloride
Concen: 45.62 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049993.D
Acq: 21 Jul 2018 6:32

Tgt Ion: 84 Resp: 355022
Ion Ratio Lower Upper
84 100
49 117.3 95.4 143.2
51 38.2 28.4 42.6
86 63.6 52.6 79.0

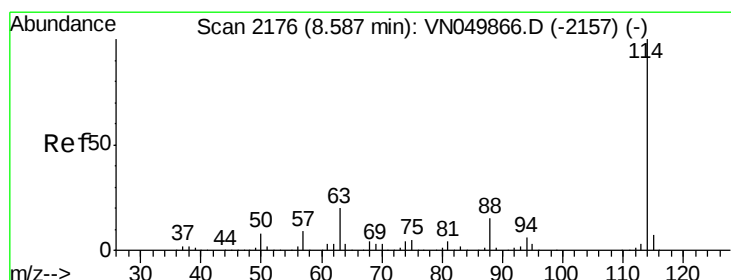
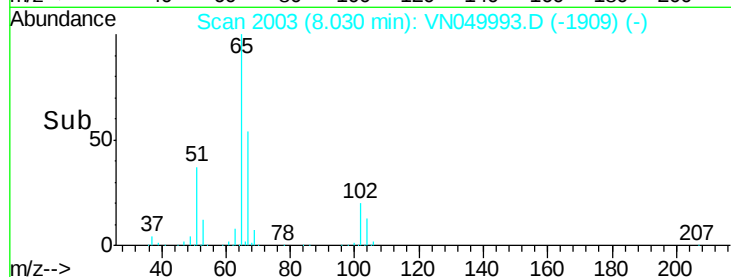
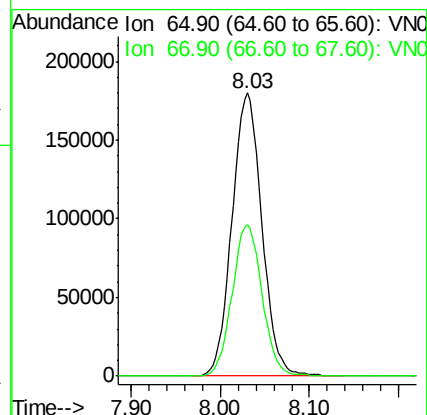
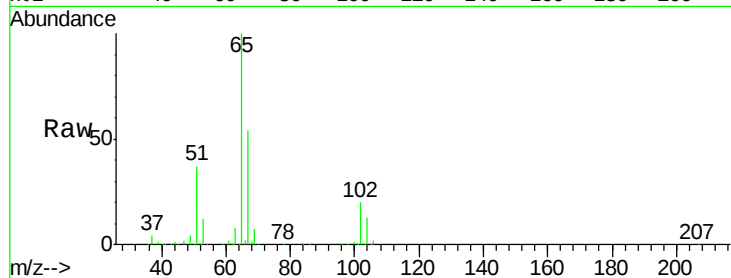




#33
 1,2-Dichloroethane-d4
 Concen: 52.93 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049993.D
 Acq: 21 Jul 2018 6:32

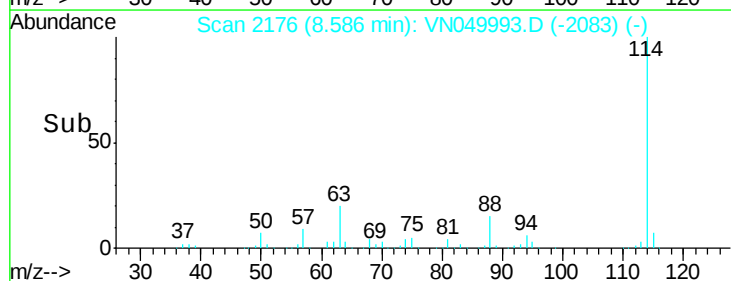
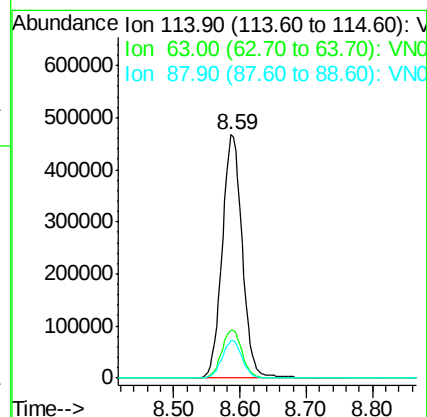
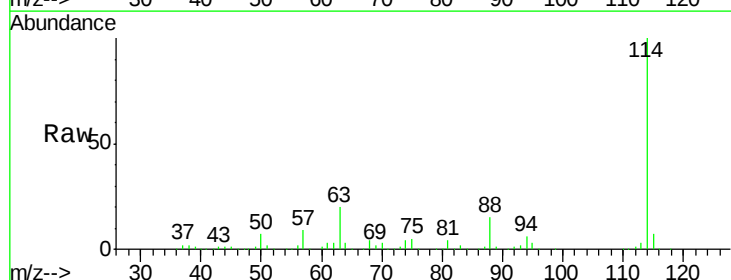
Instrument :
 MSVOA_N
 ClientSampled :
 TP-8

Tot Ion: 65 Resp: 418396
 Ion Ratio Lower Upper
 65 100
 67 53.5 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: VN049993.D
 Acq: 21 Jul 2018 6:32

Tgt Ion: 114 Resp: 980523
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.5 0.0 30.6

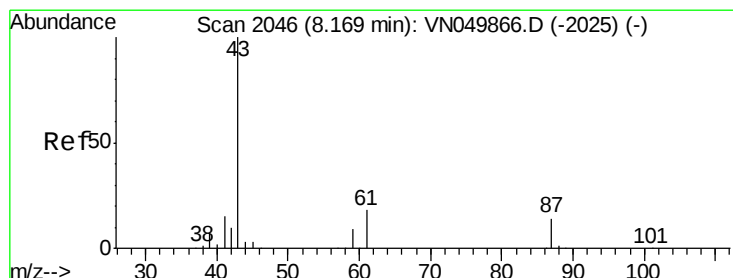
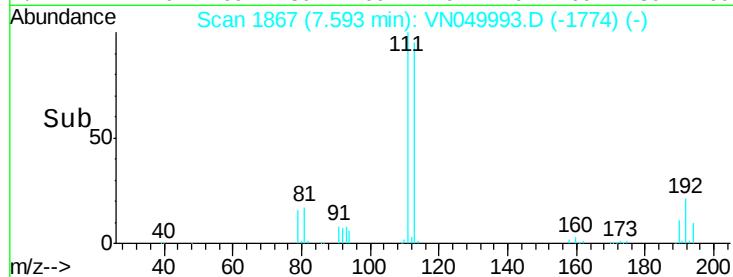
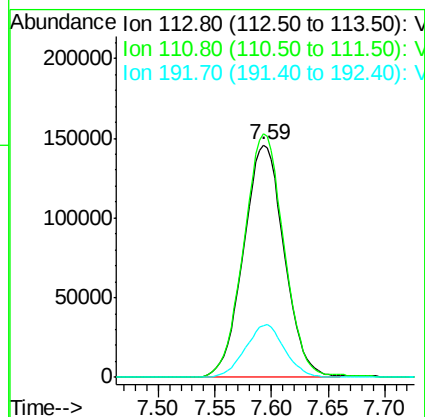
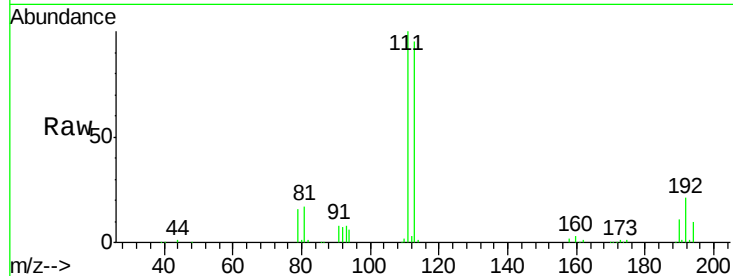




#35
 Dibromofluoromethane
 Concen: 44.30 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049993.D
 Acq: 21 Jul 2018 6:32

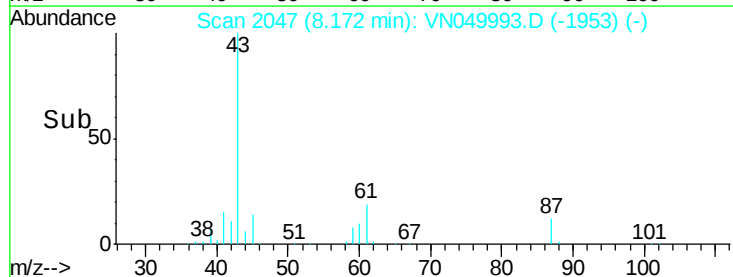
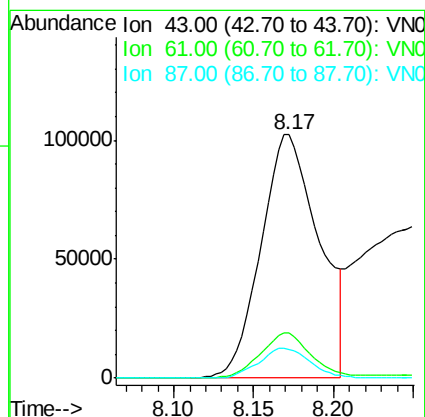
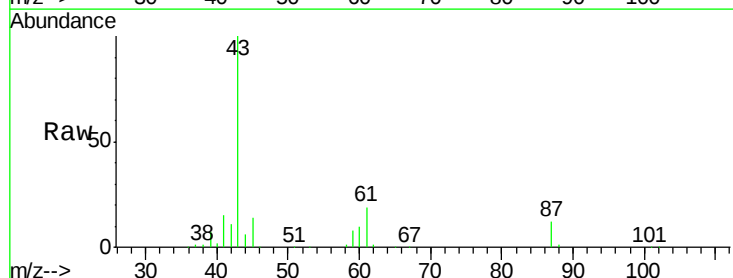
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

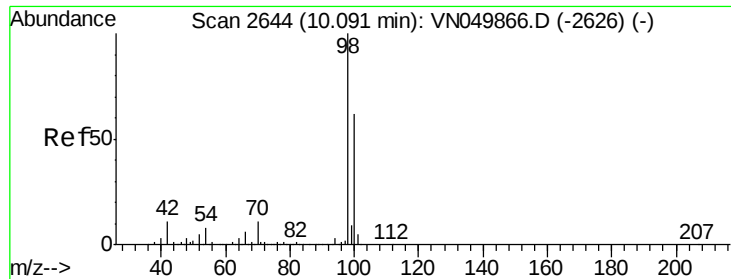
Tot Ion:113 Resp: 364641
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.8 122.8
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 19.56 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049993.D
 Acq: 21 Jul 2018 6:32

Tgt Ion: 43 Resp: 255897
 Ion Ratio Lower Upper
 43 100
 61 16.9 14.9 22.3
 87 10.9 10.0 15.0





#50

Toluene-d8

Concen: 44.01 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049993.D

Acq: 21 Jul 2018 6:32

Instrument :

MSVOA_N

ClientSampled :

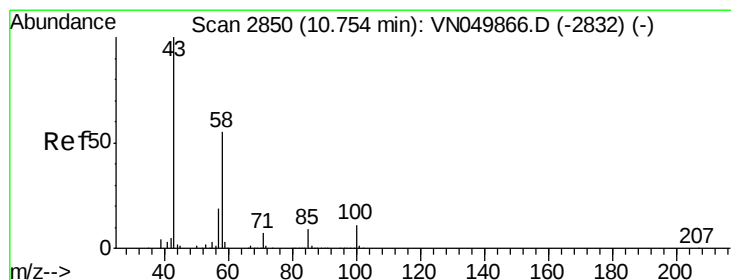
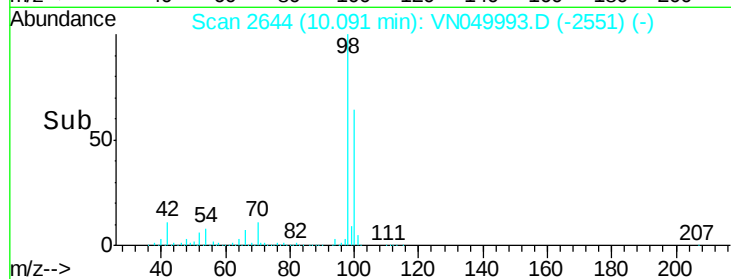
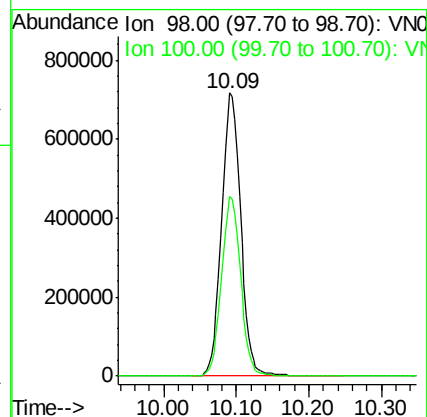
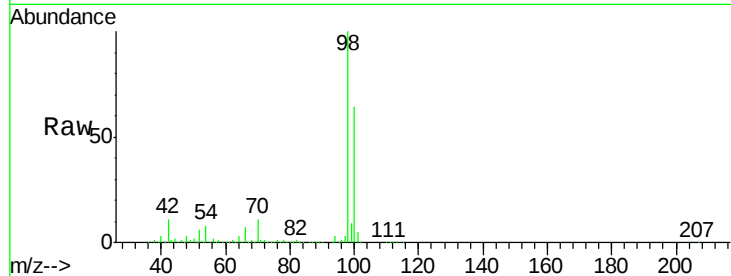
TP-8

Tot Ion: 98 Resp: 1319864

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



#59

2-Hexanone

Concen: 3.44 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049993.D

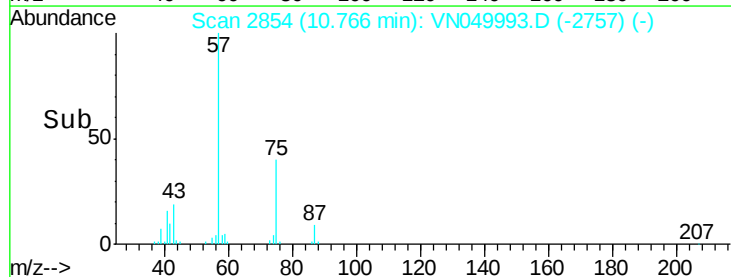
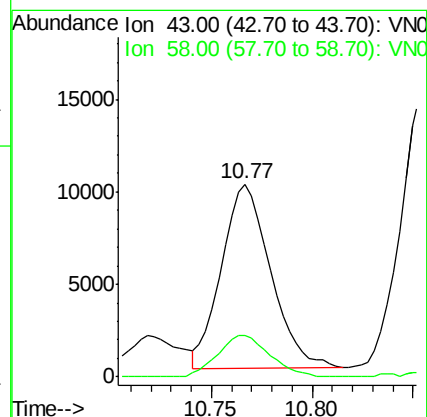
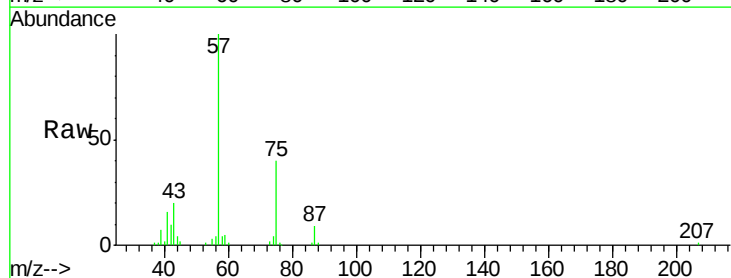
Acq: 21 Jul 2018 6:32

Tgt Ion: 43 Resp: 16916

Ion Ratio Lower Upper

43 100

58 23.6 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.46 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049993.D

Acq: 21 Jul 2018 6:32

Instrument :

MSVOA_N

ClientSampleId :

TP-8

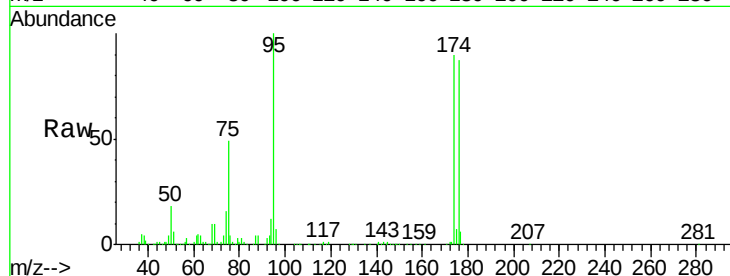
Tot Ion: 95 Resp: 366237

Ion Ratio Lower Upper

95 100

174 91.7 0.0 179.6

176 87.2 0.0 174.0

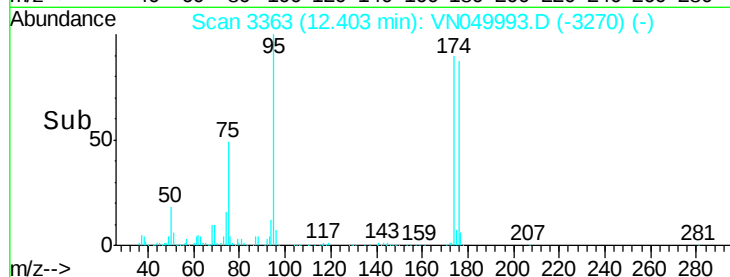


Abundance Ion 94.90 (94.60 to 95.60): VN049993.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049993.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049993.D (-3270) (-)

Time-->



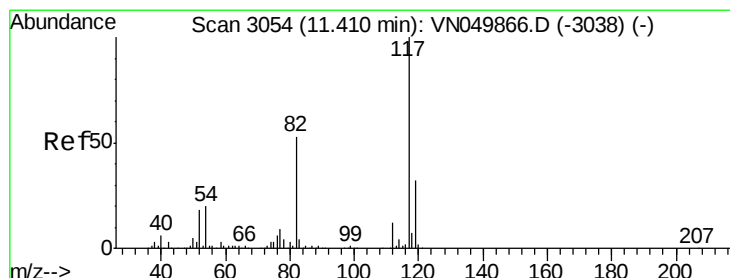
Abundance

Ion 94.90 (94.60 to 95.60): VN049993.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049993.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049993.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: VN049993.D

Acq: 21 Jul 2018 6:32

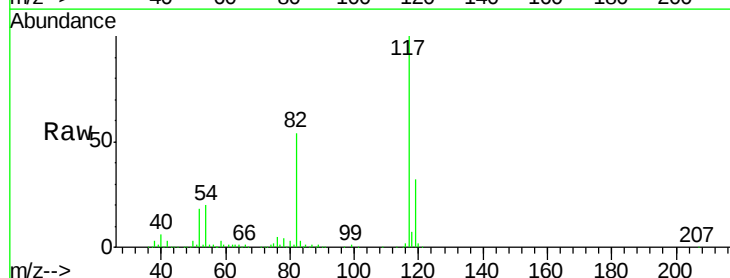
Tgt Ion: 117 Resp: 837142

Ion Ratio Lower Upper

117 100

82 53.5 41.9 62.9

119 32.0 25.4 38.2

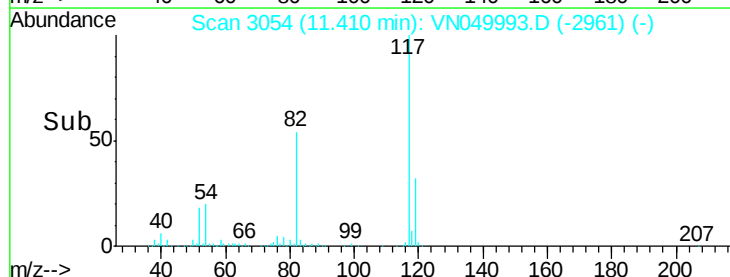


Abundance Ion 116.90 (116.60 to 117.60): VN049993.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049993.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049993.D (-2961) (-)

Time-->



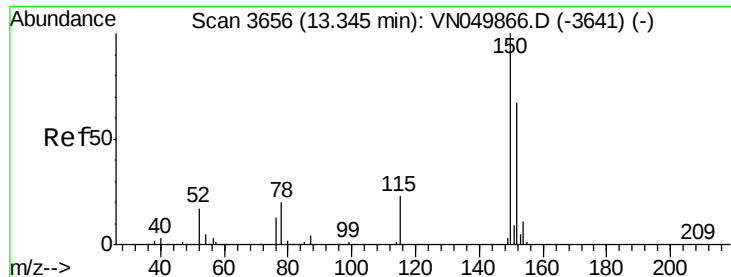
Abundance

Ion 116.90 (116.60 to 117.60): VN049993.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049993.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049993.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: VN049993.D

Acq: 21 Jul 2018 6:32

Instrument :

MSVOA_N

ClientSampleId :

TP-8

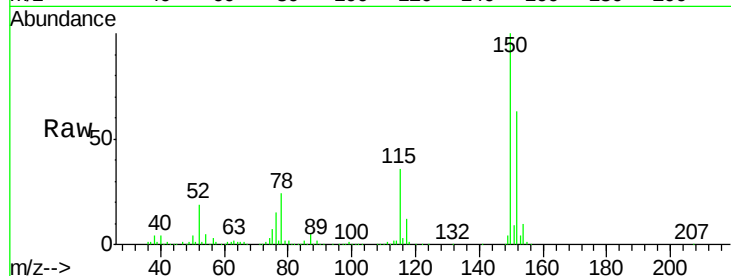
Tot Ion:152 Resp: 311500

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

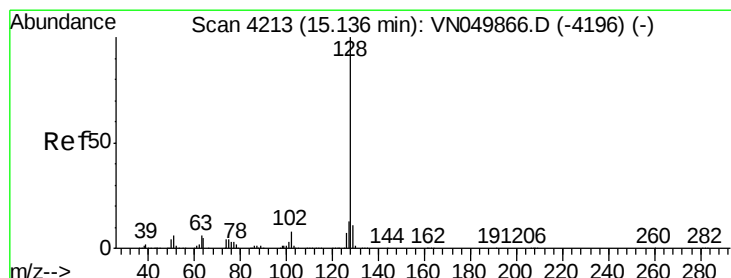
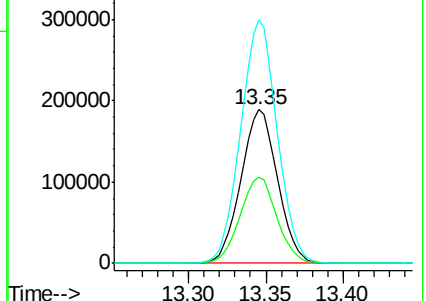
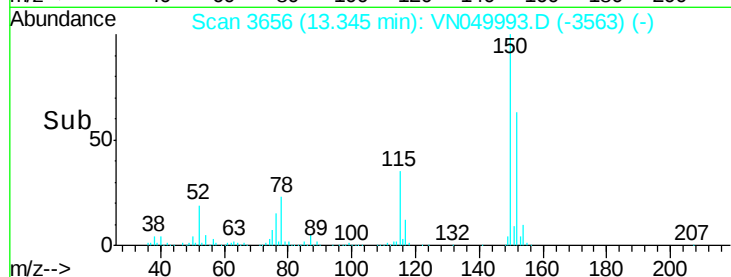
150 157.9 0.0 347.6



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: 8.38 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049993.D

Acq: 21 Jul 2018 6:32

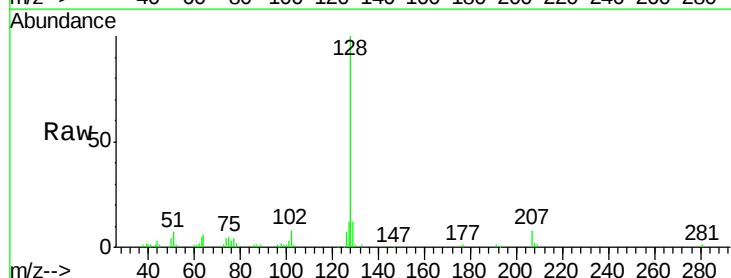
Tgt Ion:128 Resp: 63081

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 12.2 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

