

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056398.D
 Acq On : 20 Jun 2019 13:29
 Operator : JC/SP
 Sample : K3455-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-DUCT-BANK

Quant Time: Jun 21 05:03:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

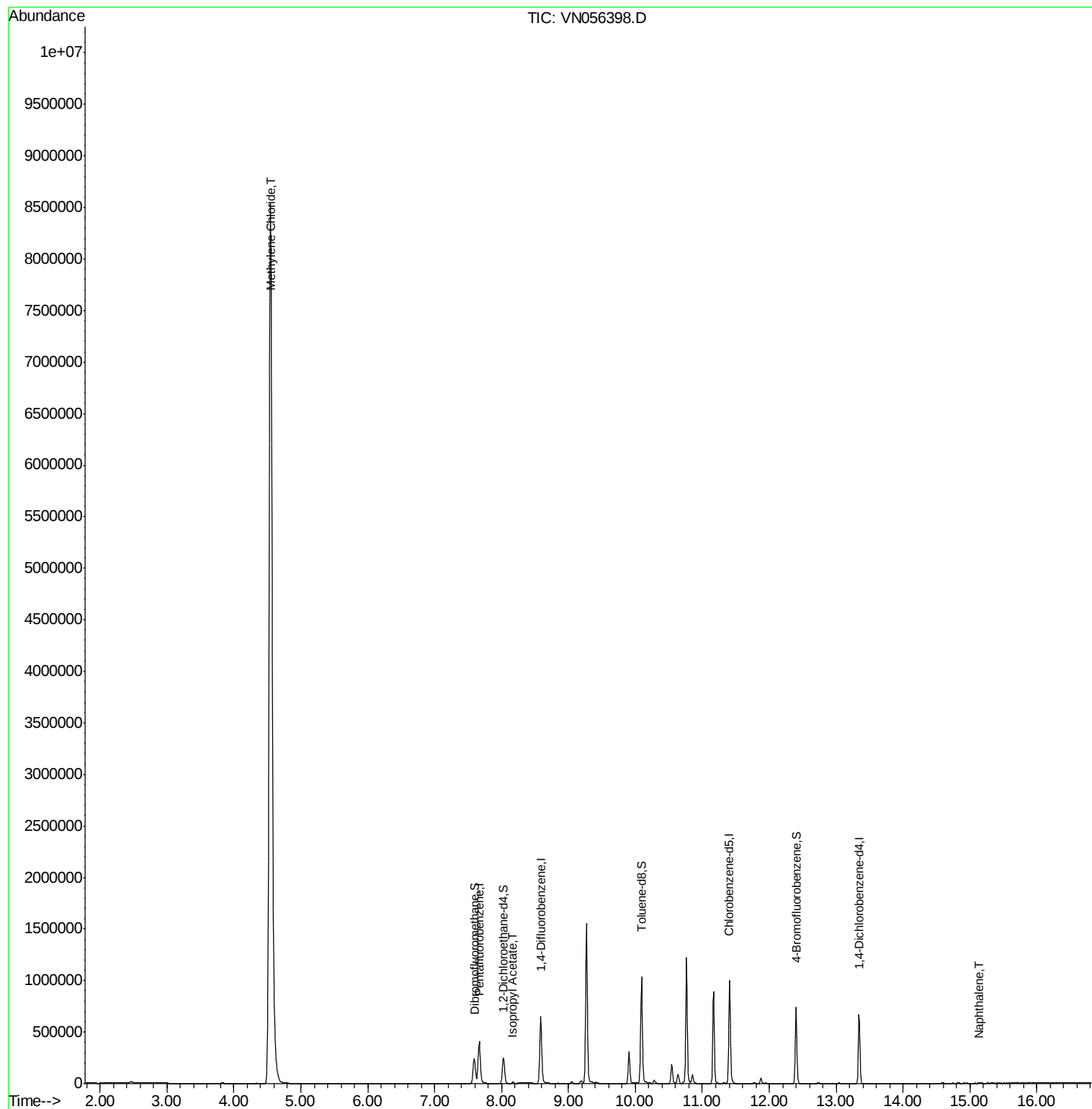
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	380030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	634488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	637705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	212234	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	7.59	113	187722	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	10.09	98	797390	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.40	95	262008	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
Target Compounds						
20) Methylene Chloride	4.55	84	7107613	1818.177	ug/l	99
43) Isopropyl Acetate	8.17	43	14892	1.760	ug/l #	88
95) Naphthalene	15.13	128	3512	5.595	ug/l #	93

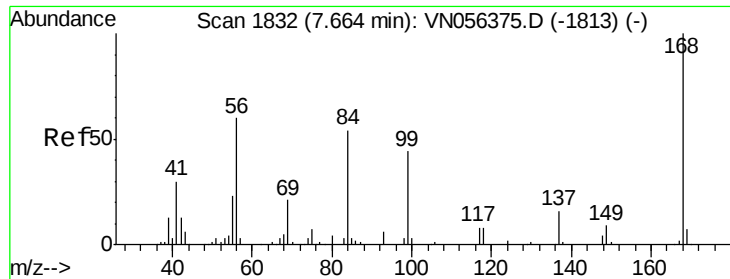
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056398.D

Acq: 20 Jun 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

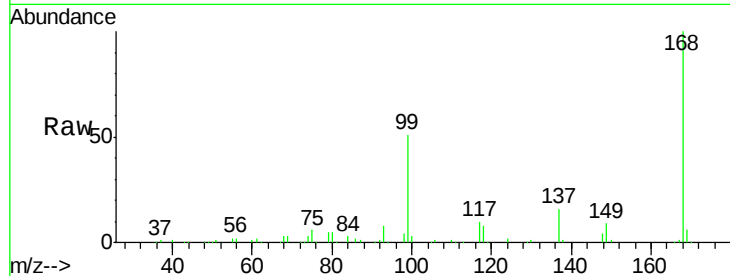
TP-5-DUCT-BANK

Tot Ion:168 Resp: 380030

Ion Ratio Lower Upper

168 100

99 51.4 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

150000

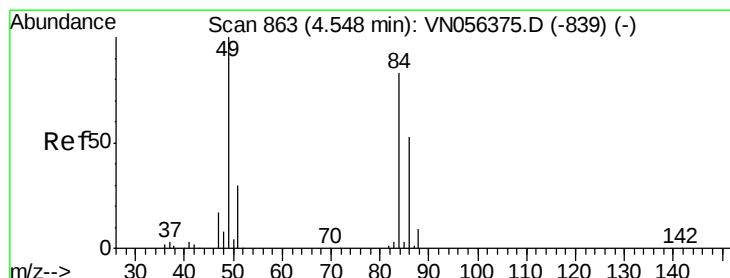
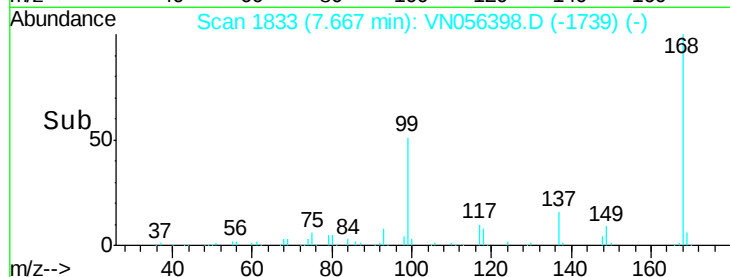
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1818.177 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN056398.D

Acq: 20 Jun 2019 13:29

Tgt Ion: 84 Resp: 7107613

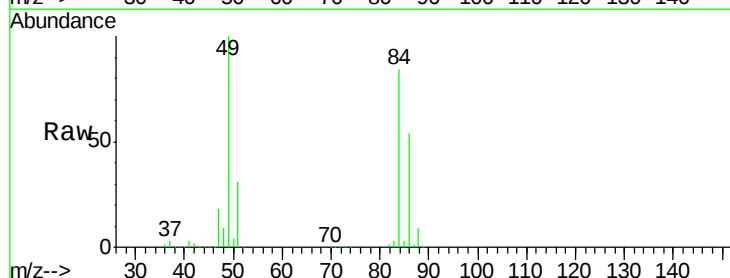
Ion Ratio Lower Upper

84 100

49 119.6 96.4 144.6

51 37.2 28.6 43.0

86 64.3 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

4000000

3000000

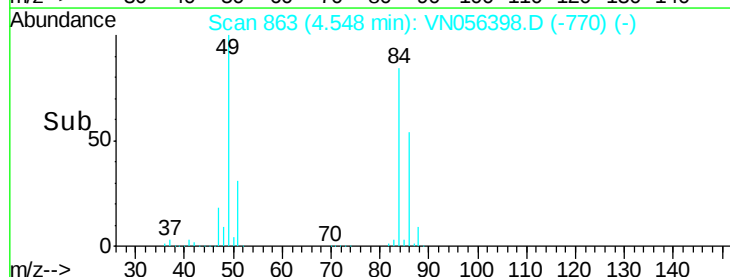
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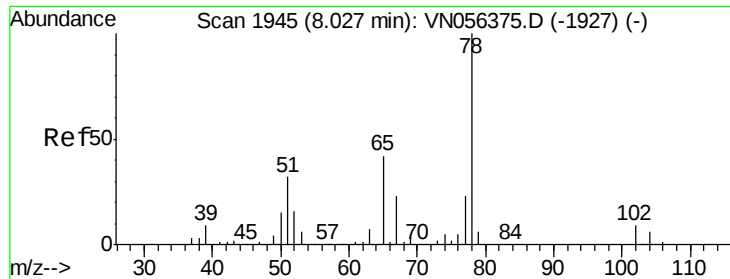
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0

Time-->

4.40 4.60 4.80

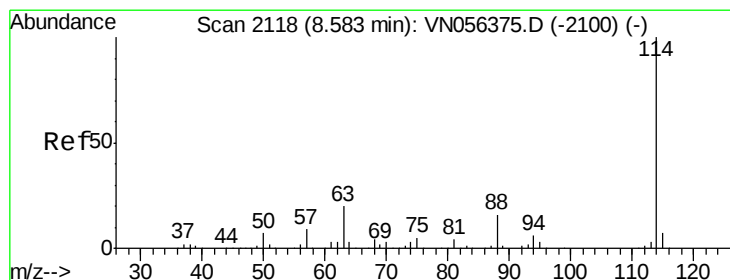
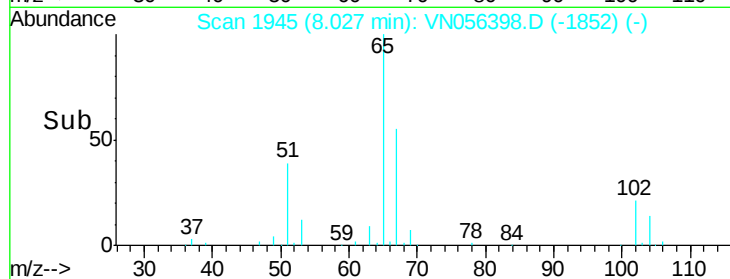
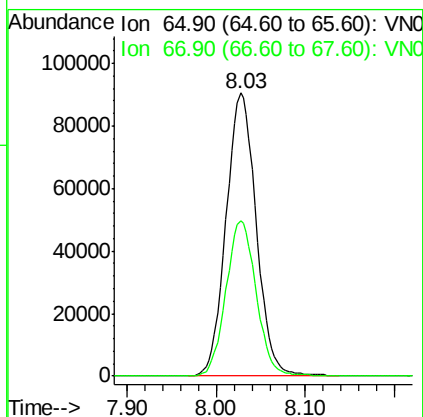
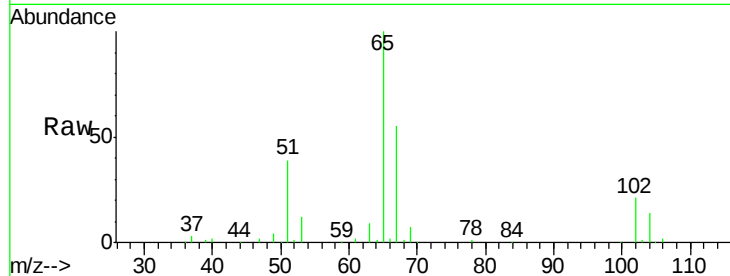




#33
 1,2-Dichloroethane-d4
 Concen: 50.389 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056398.D
 Acq: 20 Jun 2019 13:29

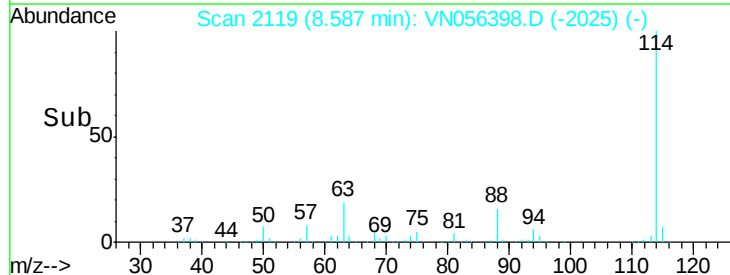
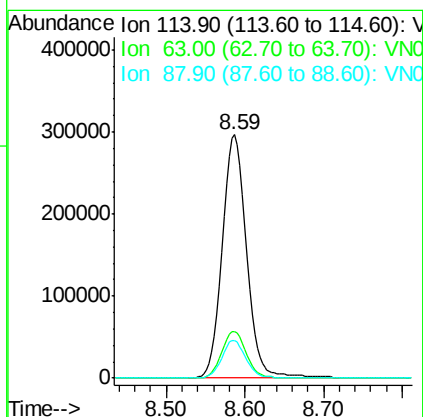
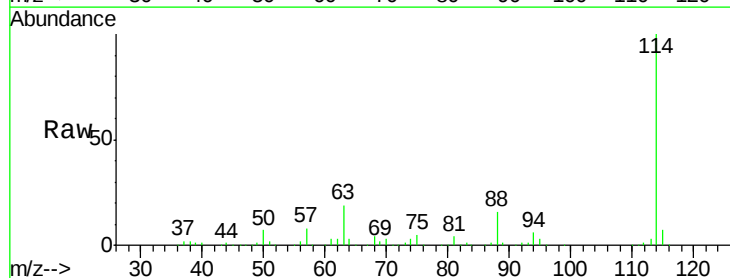
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-DUCT-BANK

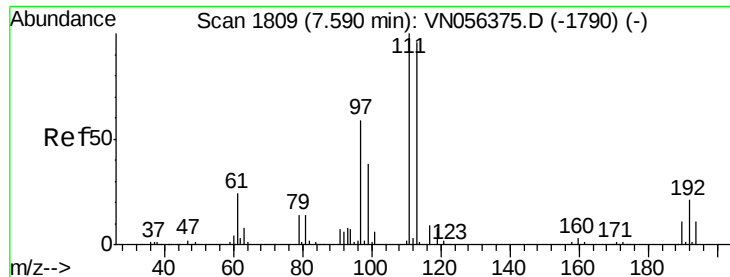
Tot Ion: 65 Resp: 212234
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056398.D
 Acq: 20 Jun 2019 13:29

Tgt Ion: 114 Resp: 634488
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.6 0.0 31.4

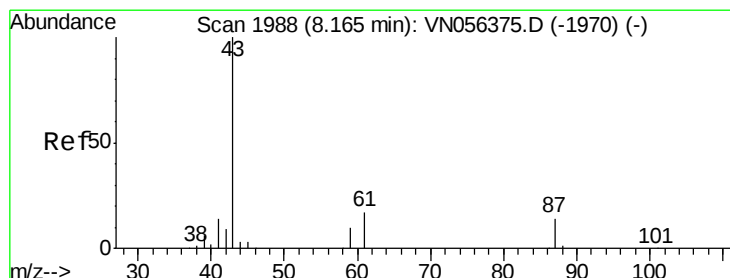
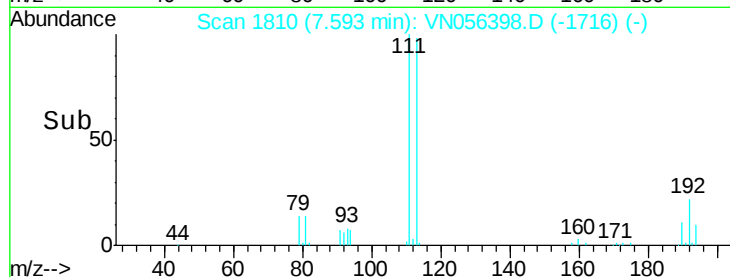
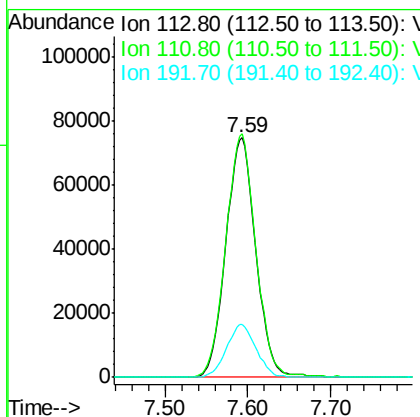
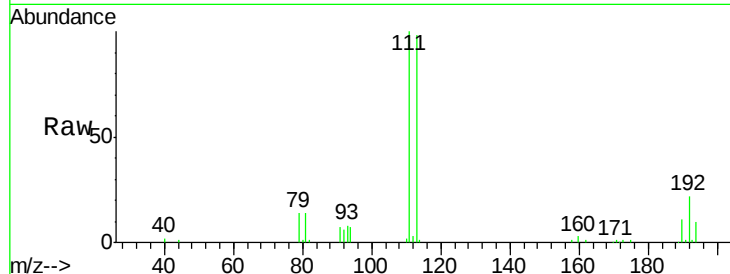




#35
 Dibromofluoromethane
 Concen: 47.427 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056398.D
 Acq: 20 Jun 2019 13:29

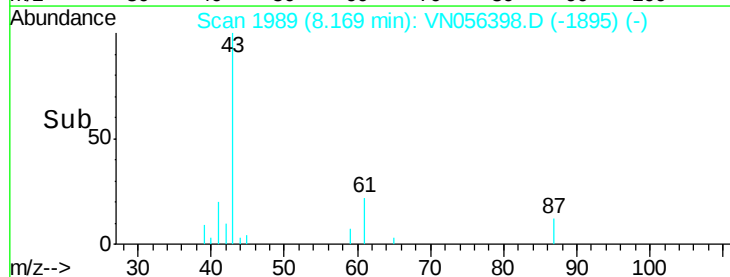
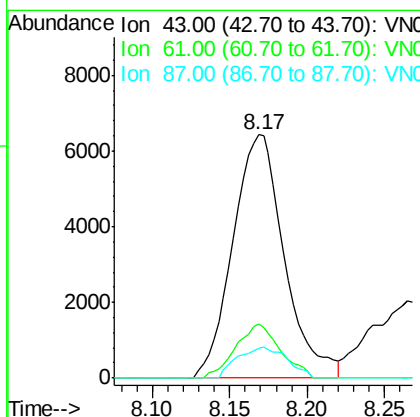
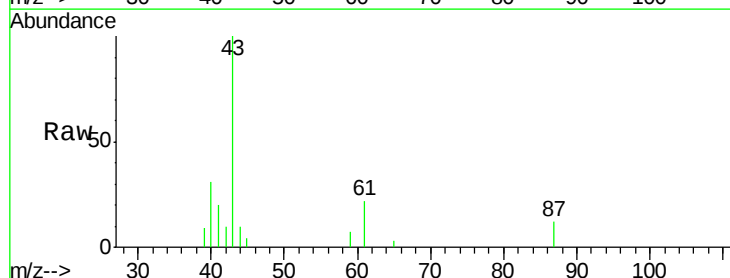
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-DUCT-BANK

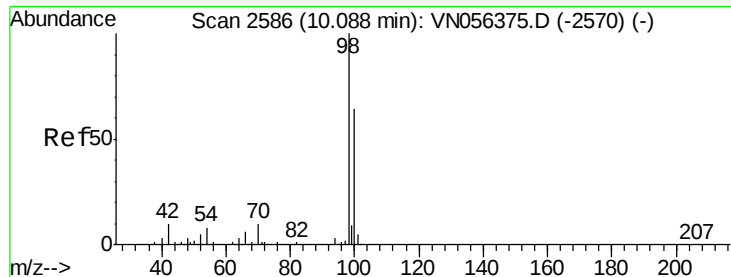
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	21.7	17.7	26.5



#43
 Isopropyl Acetate
 Concen: 1.760 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056398.D
 Acq: 20 Jun 2019 13:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	22.0	33.0#
87	12.2	11.0	16.4





#50

Toluene-d8

Concen: 51.773 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056398.D

Acq: 20 Jun 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

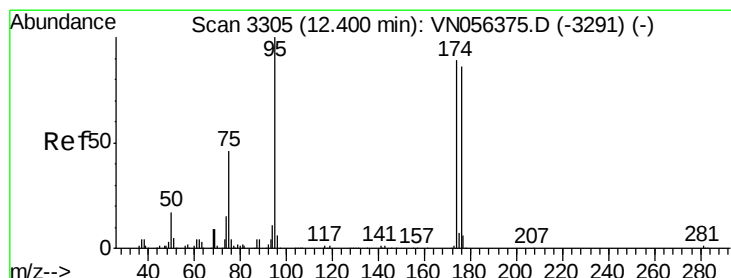
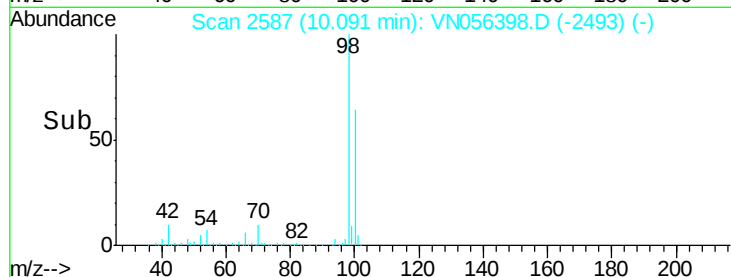
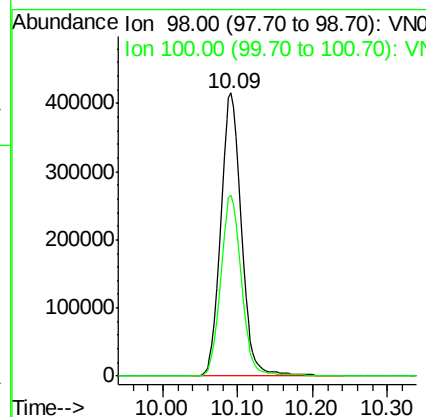
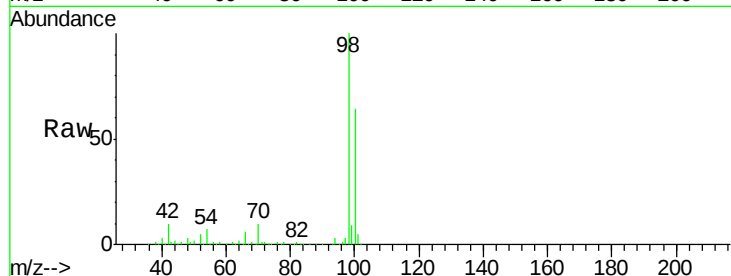
TP-5-DUCT-BANK

Tot Ion: 98 Resp: 797390

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.032 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056398.D

Acq: 20 Jun 2019 13:29

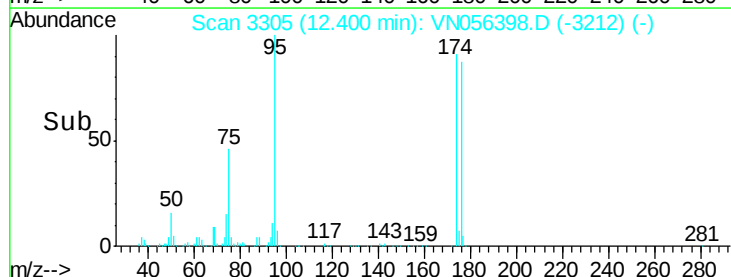
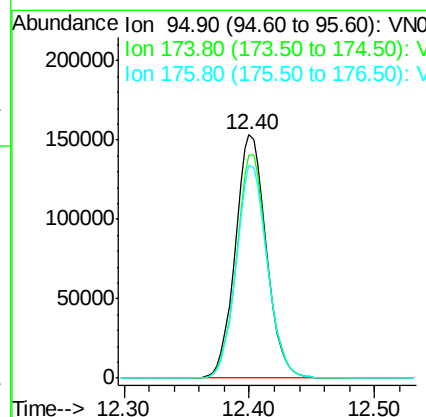
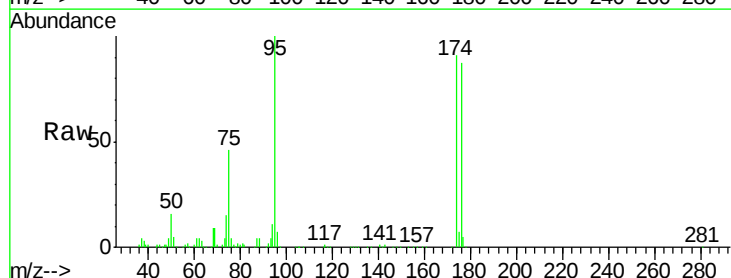
Tgt Ion: 95 Resp: 262008

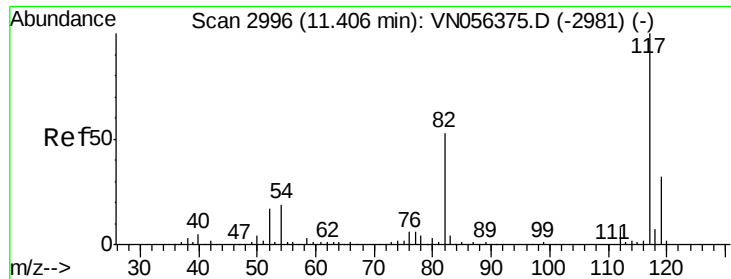
Ion Ratio Lower Upper

95 100

174 91.4 0.0 179.4

176 87.9 0.0 173.4

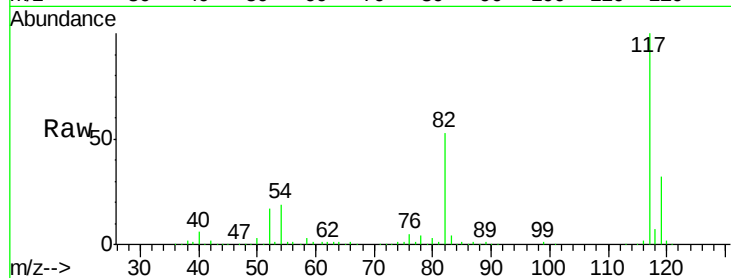




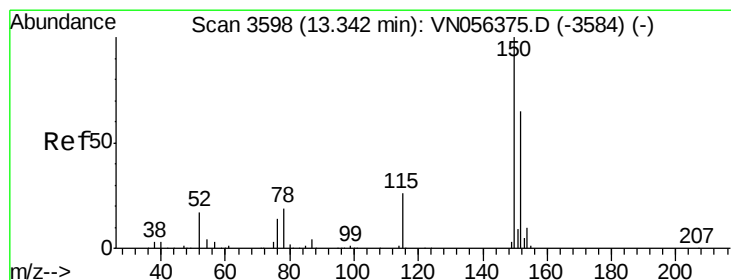
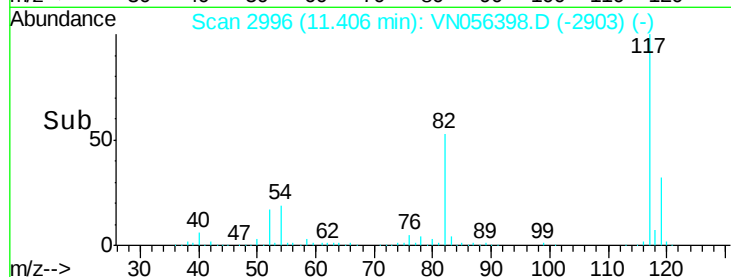
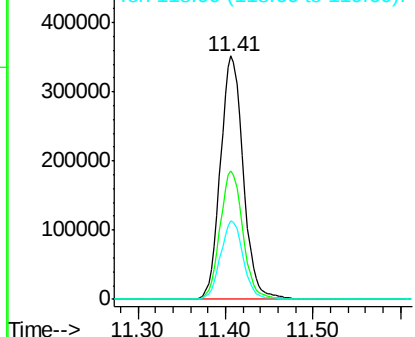
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056398.D
Acq: 20 Jun 2019 13:29

Instrument :
MSVOA_N
ClientSampleId :
TP-5-DUCT-BANK

Tot Ion:117 Resp: 637705
Ion Ratio Lower Upper
117 100
82 52.9 42.0 63.0
119 32.2 25.3 37.9

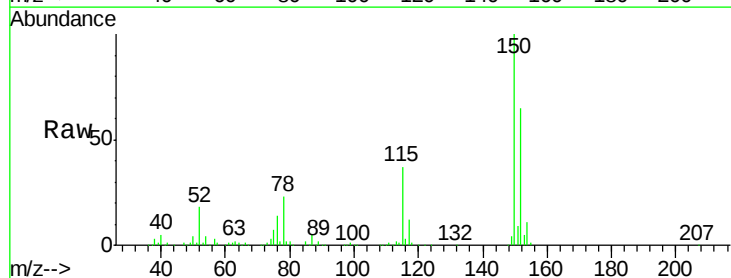


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

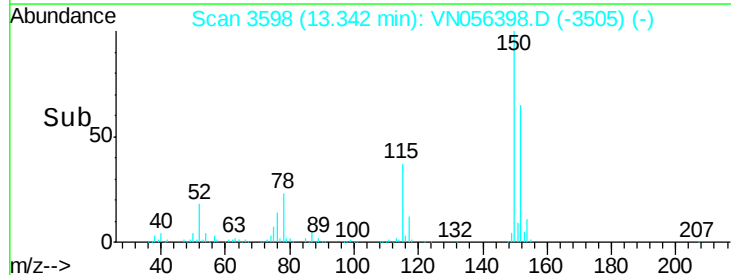
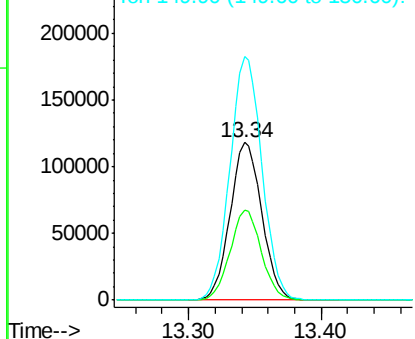


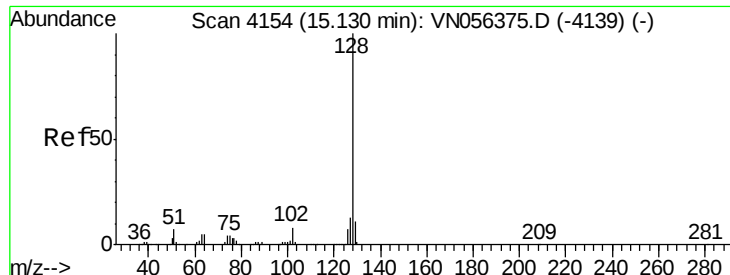
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056398.D
Acq: 20 Jun 2019 13:29

Tgt Ion:152 Resp: 196209
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.4
150 156.2 0.0 348.4



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: 5.595 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056398.D

Acq: 20 Jun 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

TP-5-DUCT-BANK

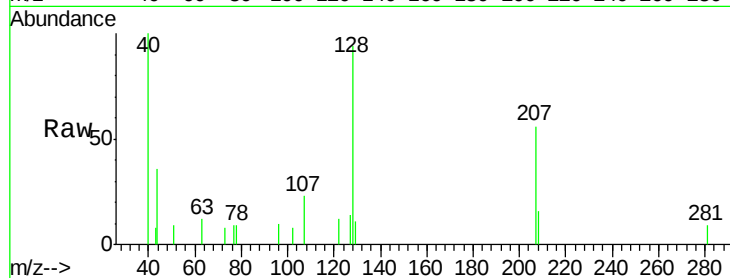
Tot Ion:128 Resp: 3512

Ion Ratio Lower Upper

128 100

127 10.2 10.2 15.2

129 7.6 8.6 12.8#



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

