

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056364.D
 Acq On : 18 Jun 2019 14:32
 Operator : JC/SP
 Sample : K3421-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-2

Quant Time: Jun 19 03:27:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

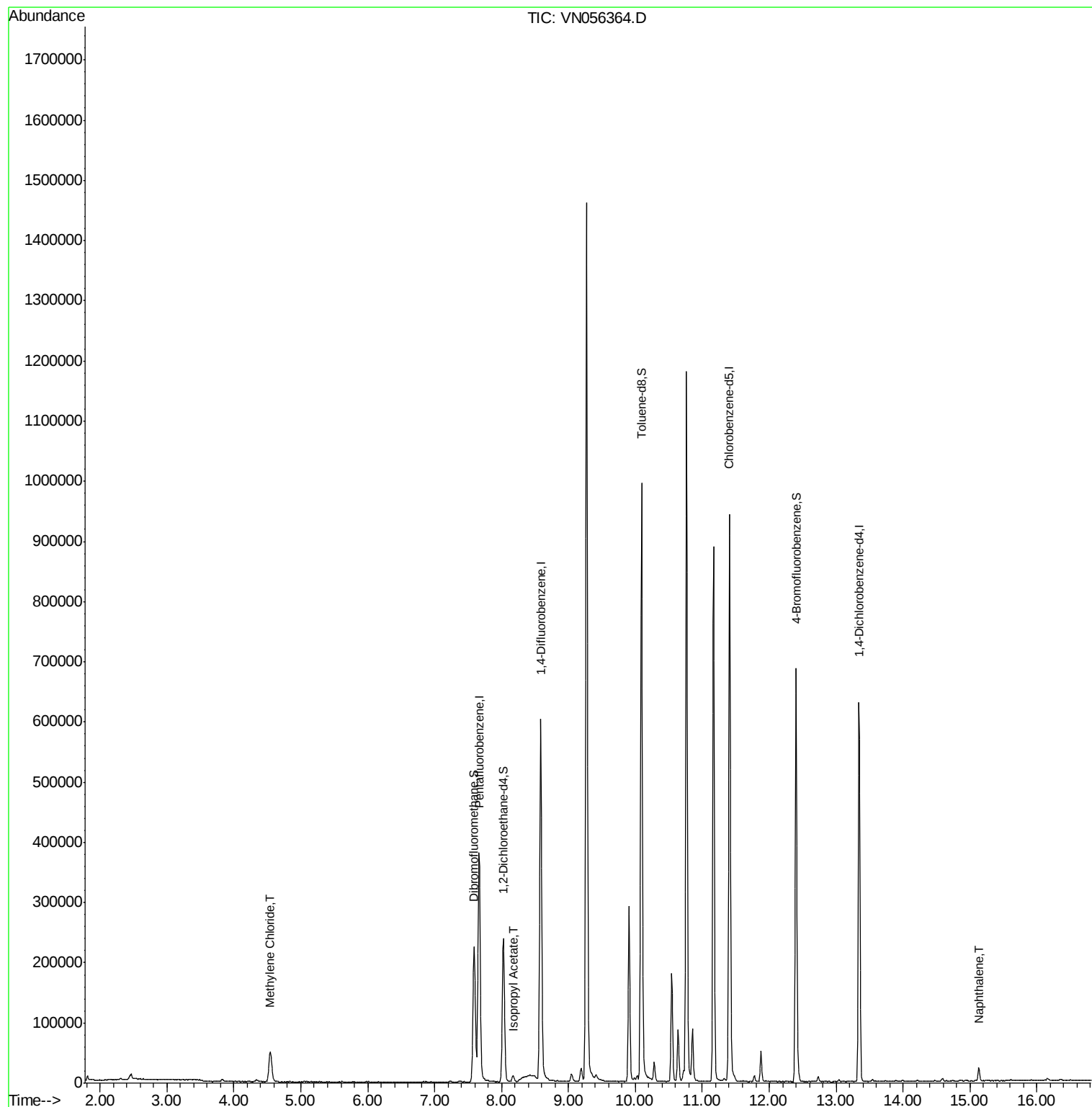
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	343680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	582687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	601854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	192142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	201829	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	7.59	113	173726	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
50) Toluene-d8	10.09	98	739022	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.40	95	247806	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
Target Compounds						
20) Methylene Chloride	4.54	84	39669	10.521	ug/l	98
43) Isopropyl Acetate	8.17	43	13611	1.712	ug/l	95
95) Naphthalene	15.13	128	21224	6.850	ug/l	98

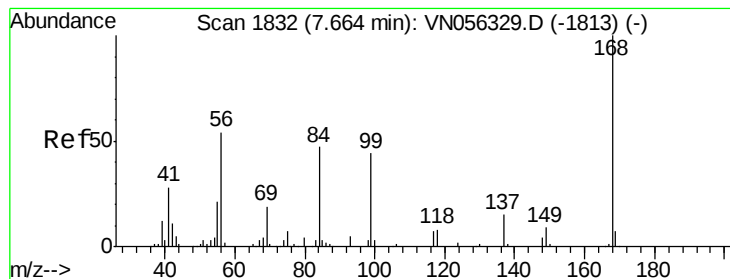
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056364.D

Acq: 18 Jun 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

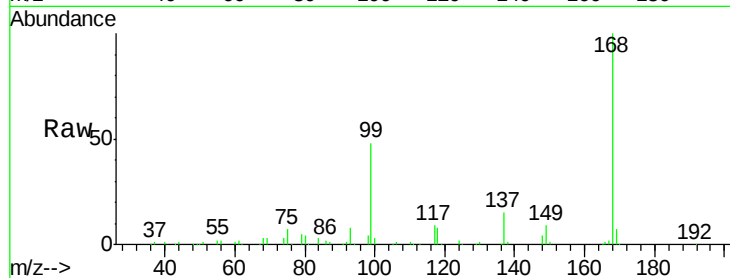
SAMPLE-2

Tot Ion:168 Resp: 343680

Ion Ratio Lower Upper

168 100

99 48.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

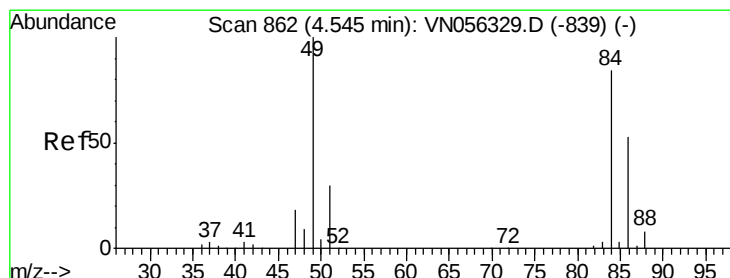
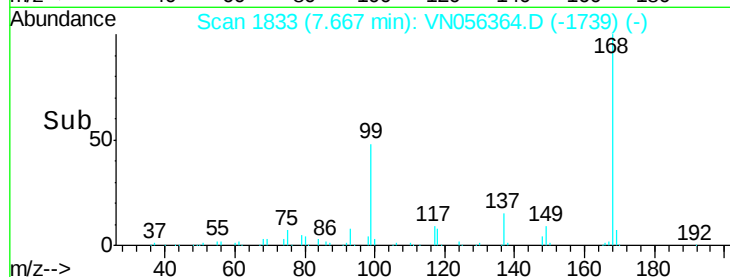
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 10.521 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN056364.D

Acq: 18 Jun 2019 14:32

Tgt Ion: 84 Resp: 39669

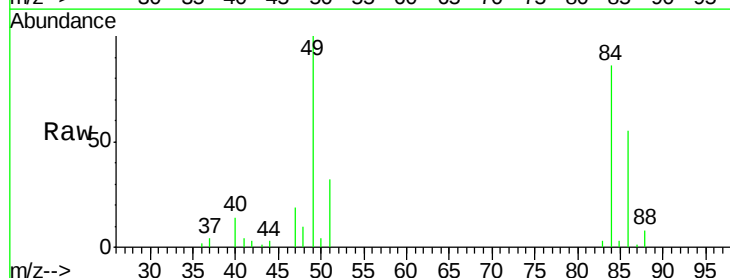
Ion Ratio Lower Upper

84 100

49 116.4 95.0 142.6

51 36.9 28.2 42.4

86 63.9 50.6 75.8



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

20000

15000

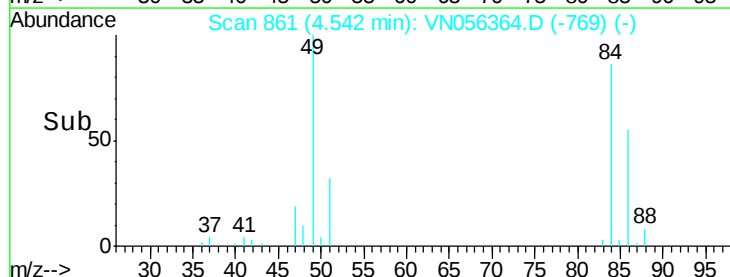
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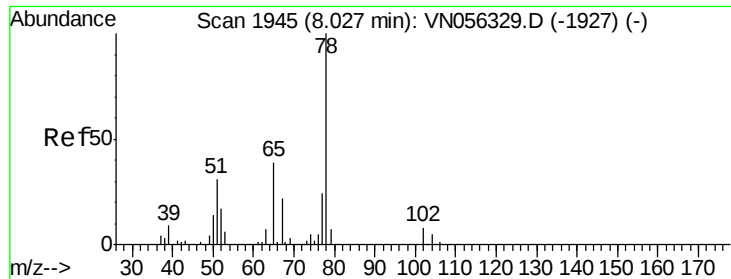
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0

Time-->

4.50 4.60

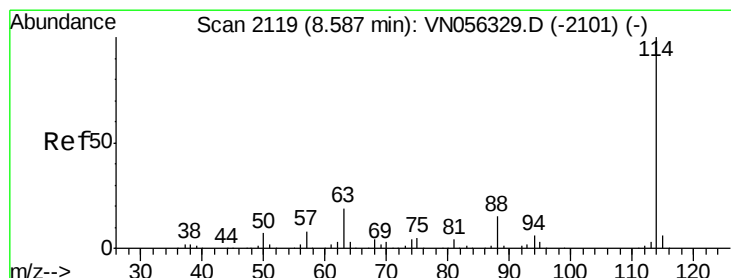
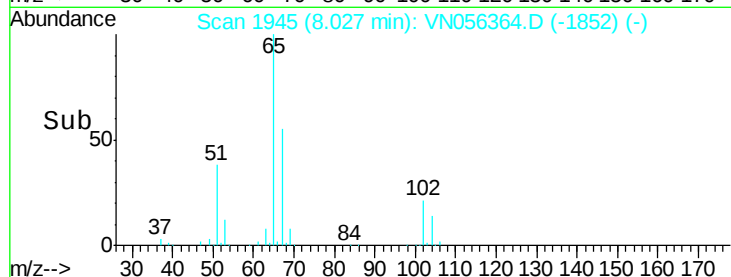
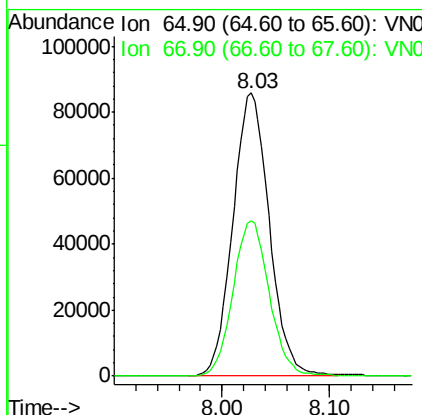
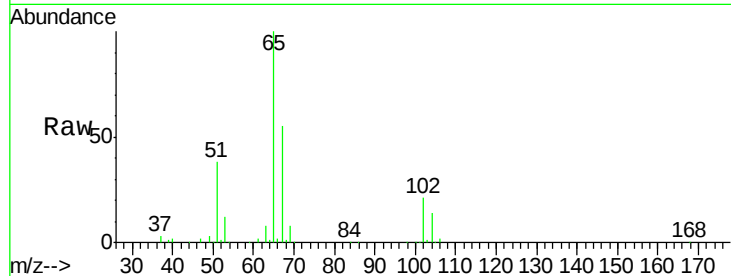




#33
 1,2-Dichloroethane-d4
 Concen: 52.228 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056364.D
 Acq: 18 Jun 2019 14:32

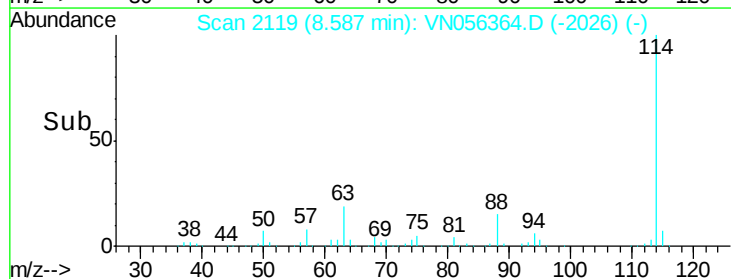
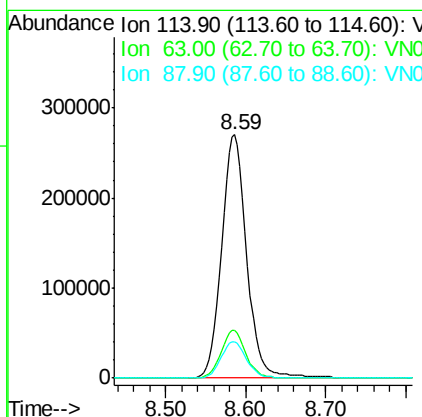
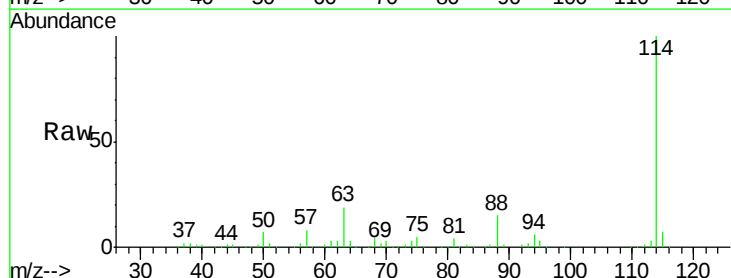
Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-2

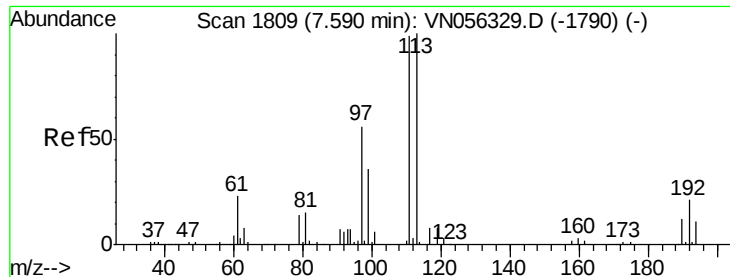
Tot Ion: 65 Resp: 201829
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056364.D
 Acq: 18 Jun 2019 14:32

Tgt Ion: 114 Resp: 582687
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.8
 88 15.2 0.0 30.6

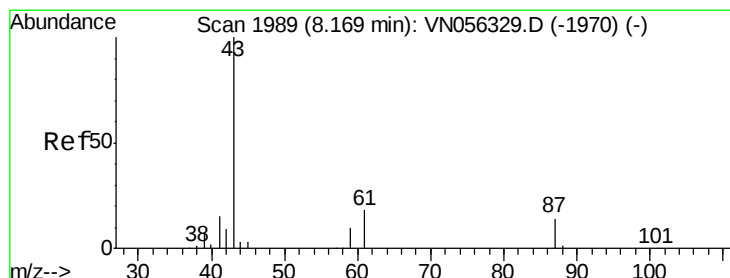
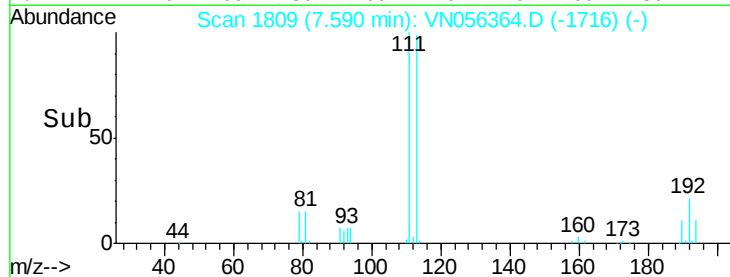
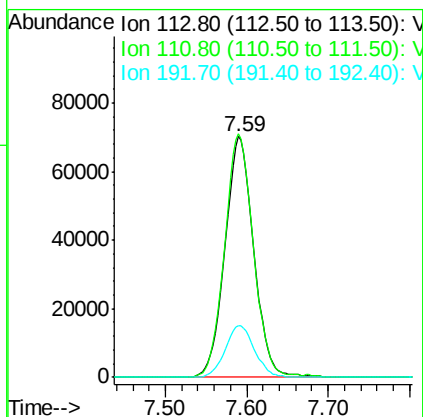
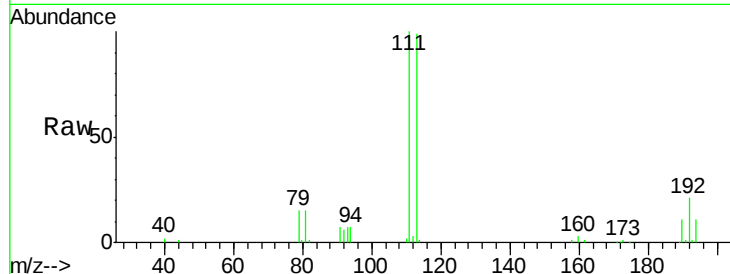




#35
 Dibromofluoromethane
 Concen: 46.492 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056364.D
 Acq: 18 Jun 2019 14:32

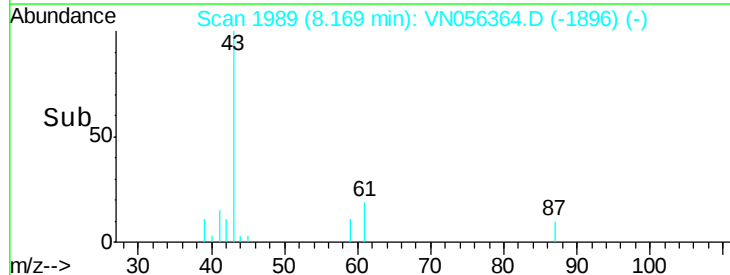
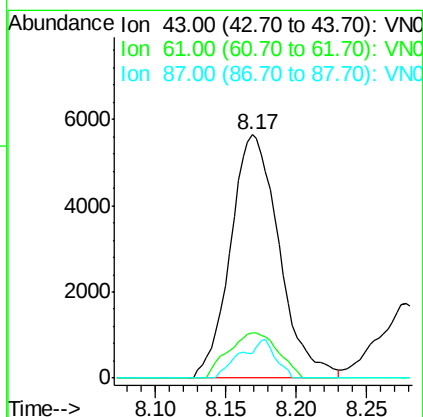
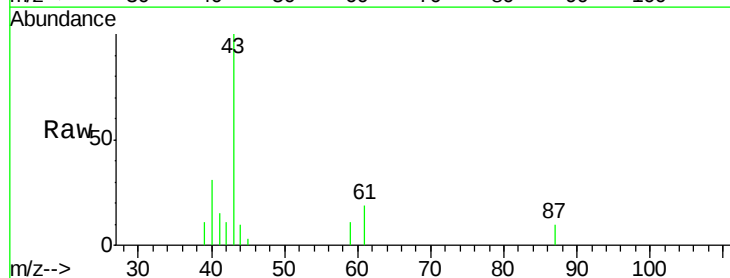
Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-2

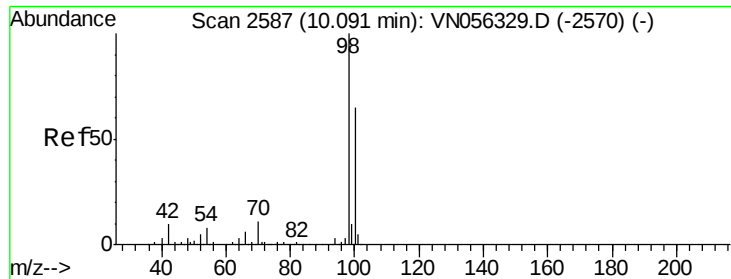
Tot Ion:113 Resp: 173726
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.1 123.1
 192 21.9 17.6 26.4



#43
 Isopropyl Acetate
 Concen: 1.712 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056364.D
 Acq: 18 Jun 2019 14:32

Tgt Ion: 43 Resp: 13611
 Ion Ratio Lower Upper
 43 100
 61 18.9 16.6 25.0
 87 11.4 11.0 16.4





#50

Toluene-d8

Concen: 51.770 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056364.D

Acq: 18 Jun 2019 14:32

Instrument :

MSVOA_N

ClientSampled :

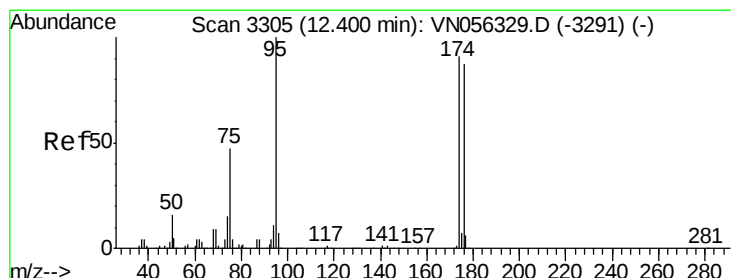
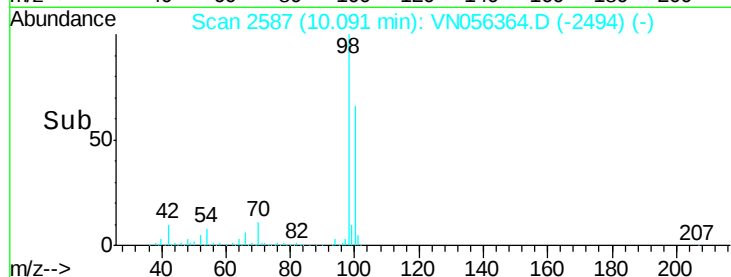
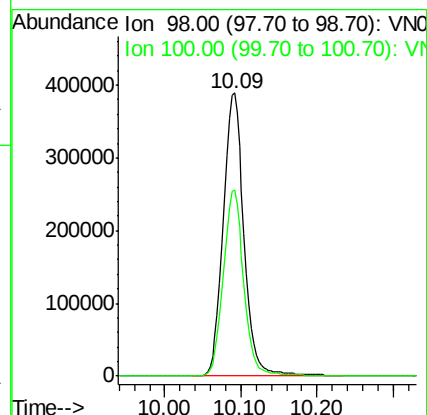
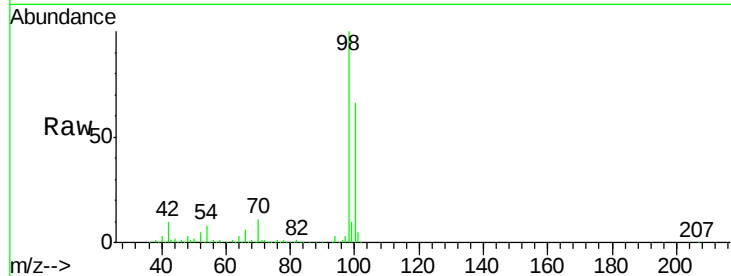
SAMPLE-2

Tot Ion: 98 Resp: 739022

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 52.386 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056364.D

Acq: 18 Jun 2019 14:32

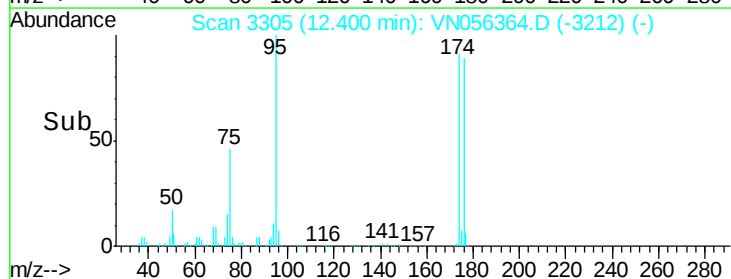
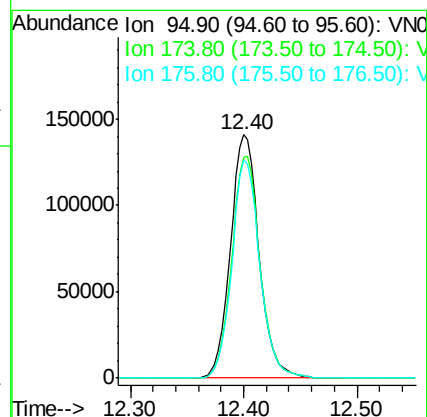
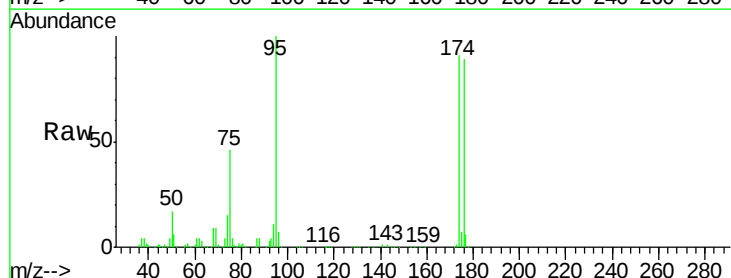
Tgt Ion: 95 Resp: 247806

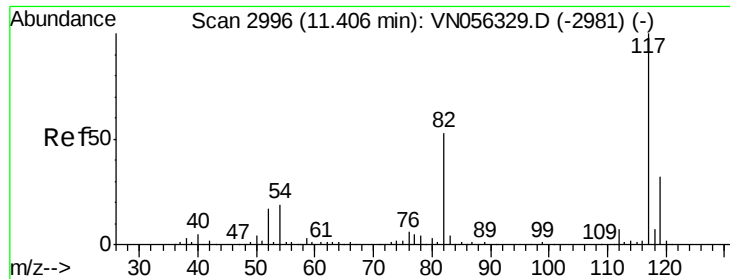
Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.6

176 87.5 0.0 176.8

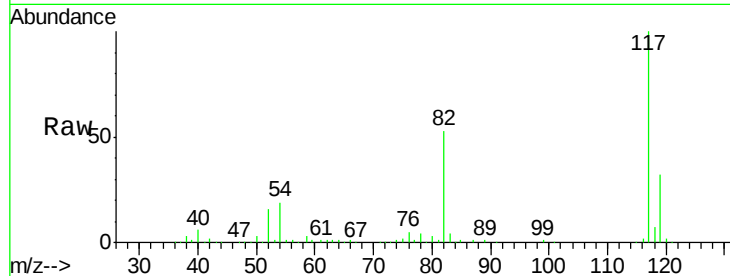




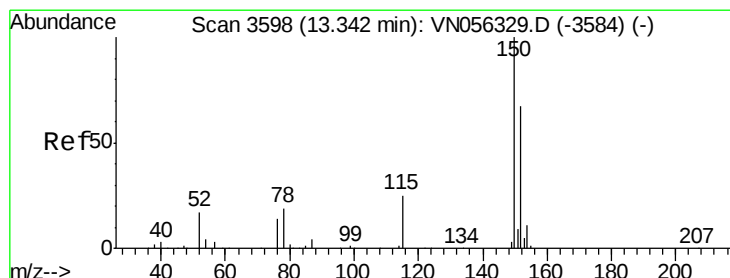
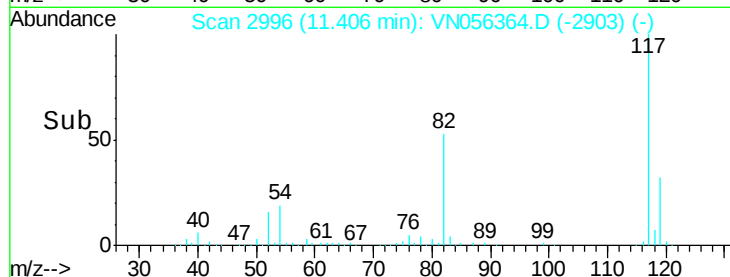
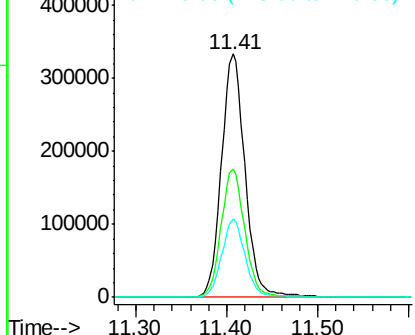
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056364.D
Acq: 18 Jun 2019 14:32

Instrument :
MSVOA_N
ClientSampled :
SAMPLE-2

Tot Ion:117 Resp: 601854
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.3 26.0 39.0

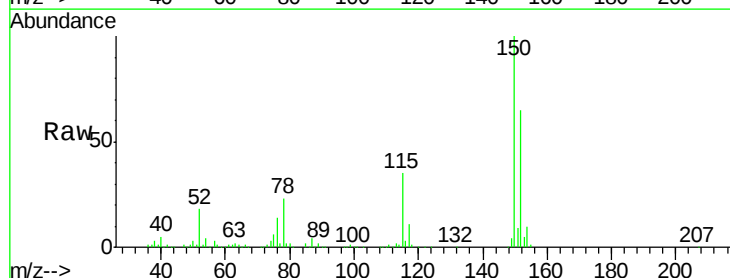


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

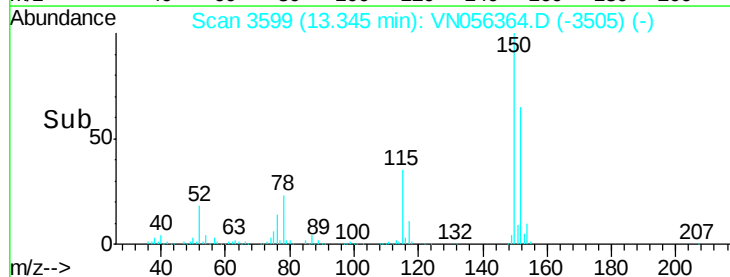
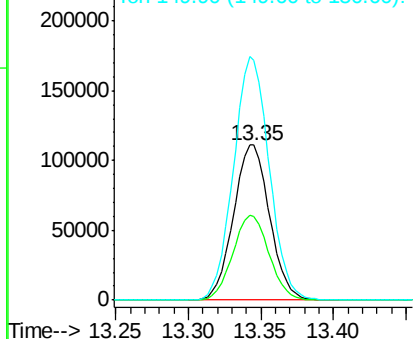


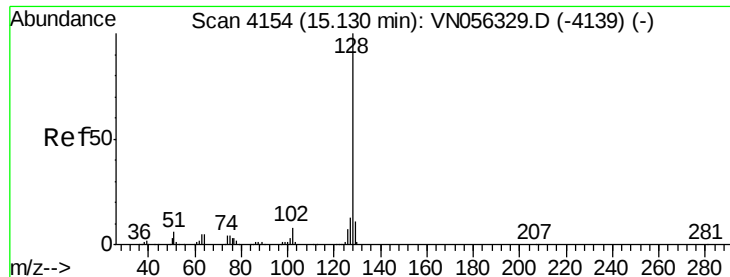
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056364.D
Acq: 18 Jun 2019 14:32

Tgt Ion:152 Resp: 192142
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.3
150 155.7 0.0 345.8



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: 6.850 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056364.D

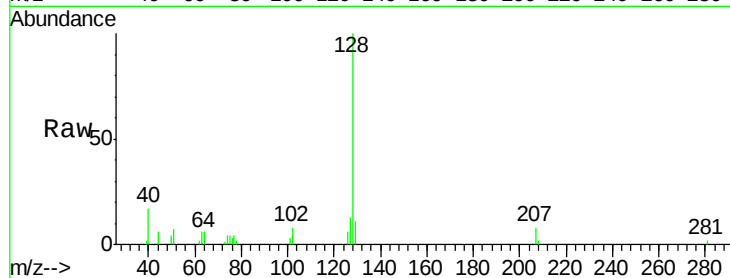
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Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-2



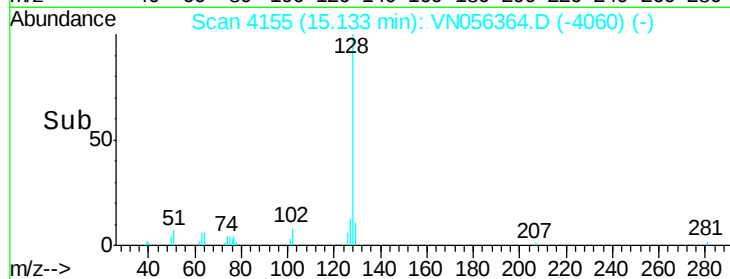
Tot Ion:128 Resp: 21224

Ion Ratio Lower Upper

128 100

127 12.3 10.6 15.8

129 11.6 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

