

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056597.D
 Acq On : 3 Jul 2019 20:11
 Operator : JC/SP
 Sample : K3680-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:08:12 AM

Quant Time: Jul 03 23:33:00 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	271388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	471101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	157735	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	7.59	113	138476	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
50) Toluene-d8	10.09	98	587319	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.40	95	209009	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
Target Compounds						
16) Acetone	3.83	43	4526	3.003	ug/l	96
19) Methyl tert-butyl Ether	5.06	73	10890m	1.373	ug/l	

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

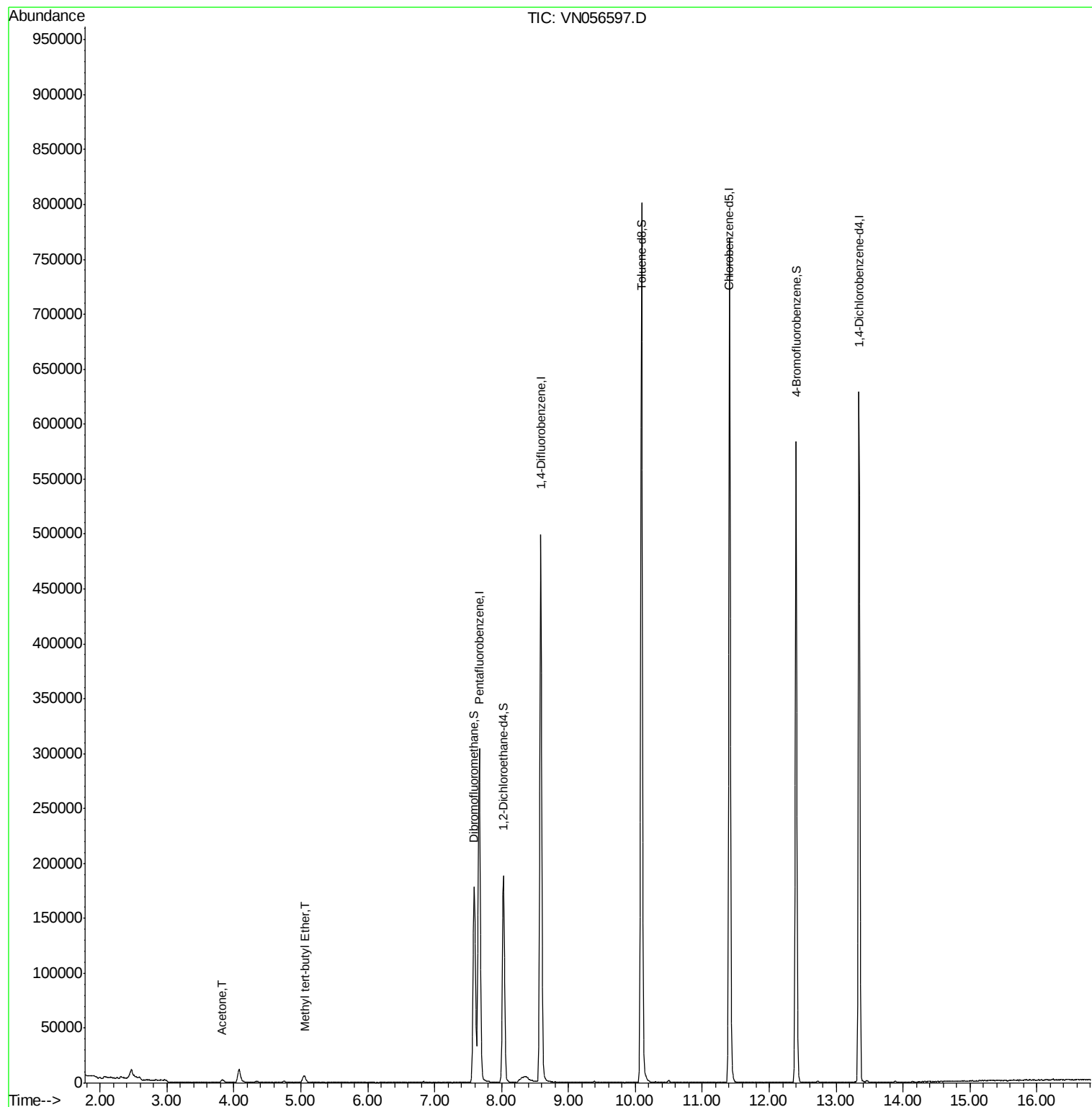
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070419\
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056597.D

Acq: 3 Jul 2019 20:11

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tot Ion:168 Resp: 271388

Ion Ratio Lower Upper

168 100

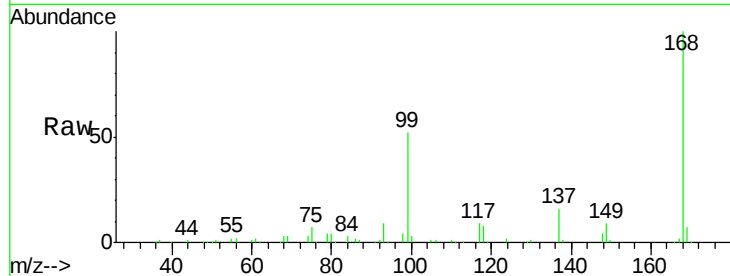
99 52.4 40.6 61.0

Manual Integrations

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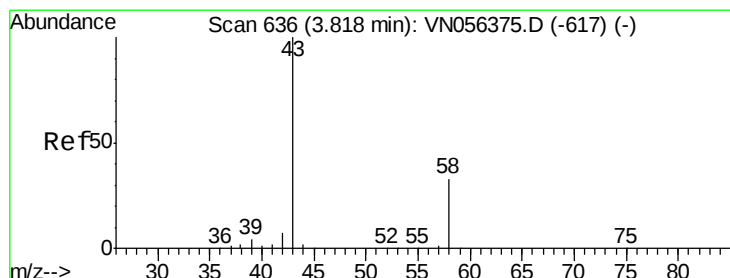
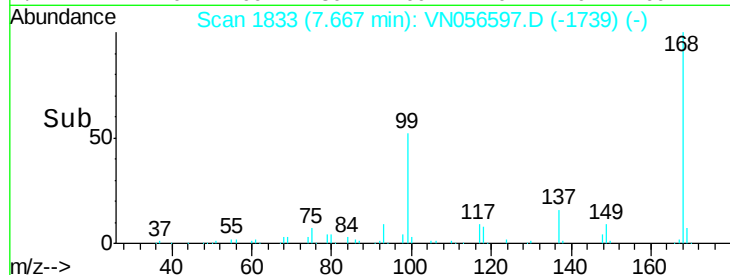
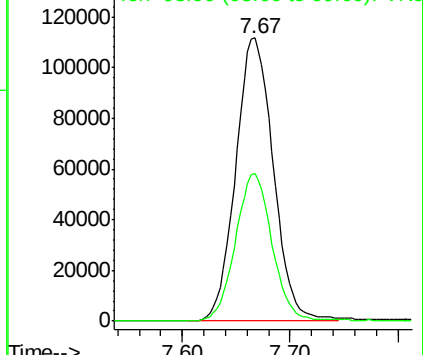
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.003 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056597.D

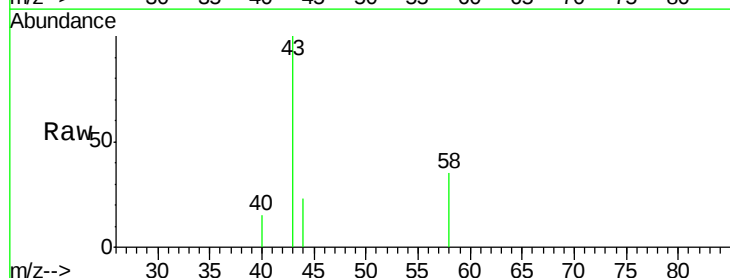
Acq: 3 Jul 2019 20:11

Tgt Ion: 43 Resp: 4526

Ion Ratio Lower Upper

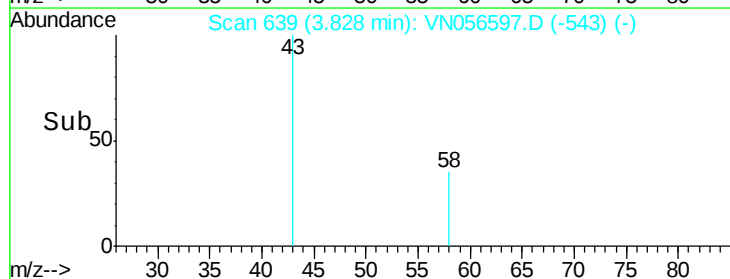
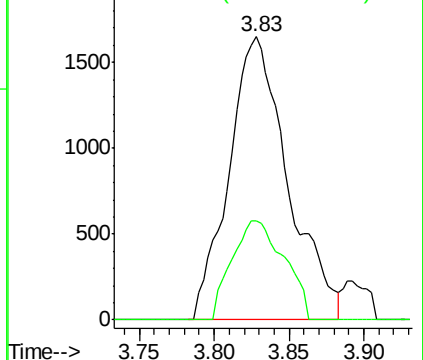
43 100

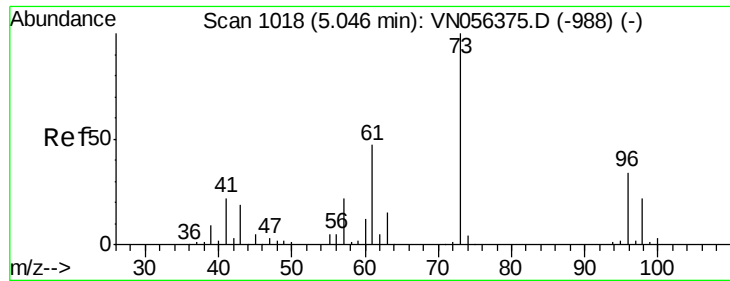
58 35.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





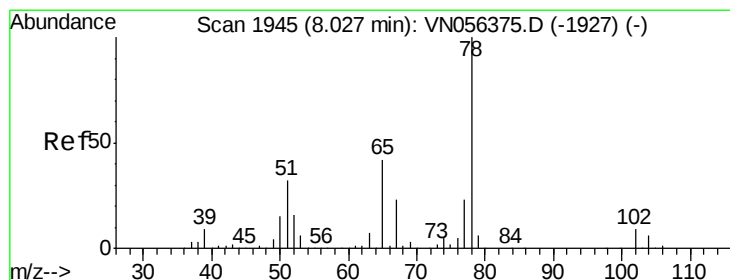
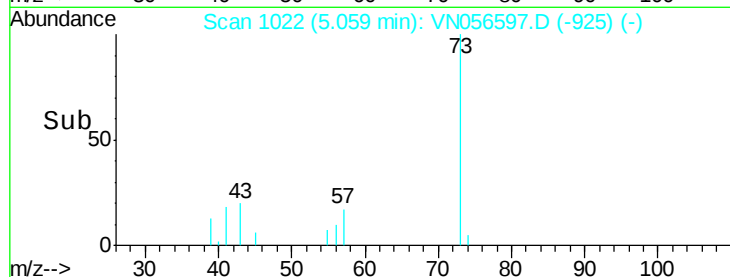
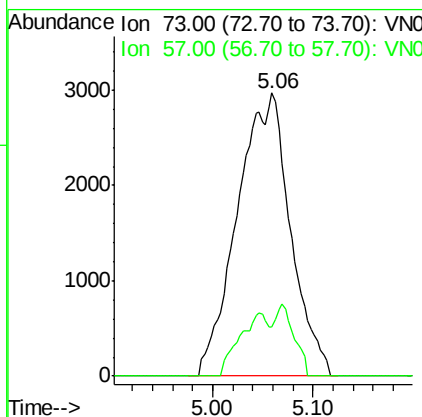
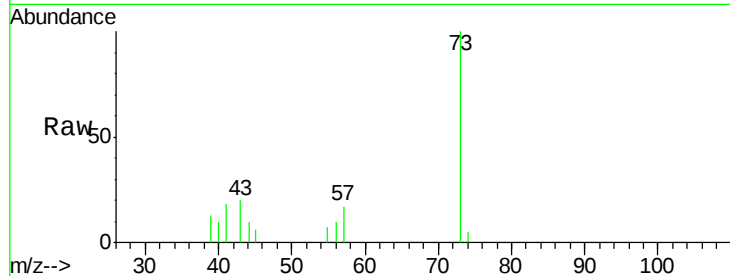
#19
Methvl tert-butvl Ether
Concen: 1.373 ug/l m
RT: 5.06 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VN056597.D
Acq: 3 Jul 2019 20:11

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion: 73 Resp: 10890
Ion Ratio Lower Upper
73 100
57 17.4 17.9 26.9#

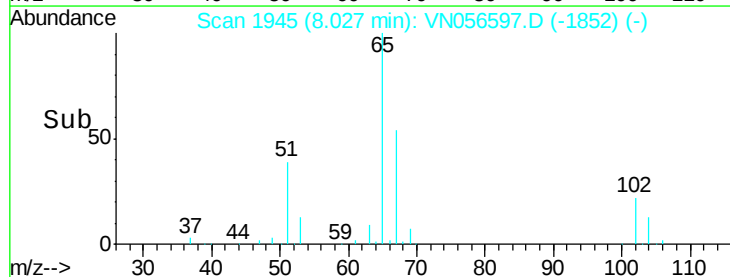
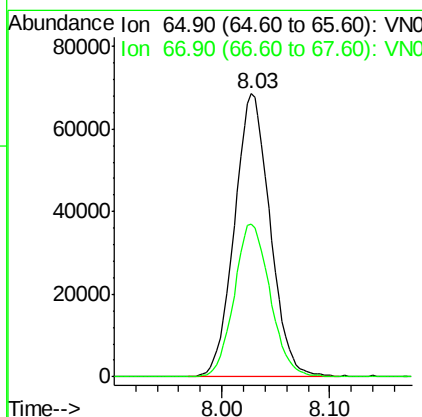
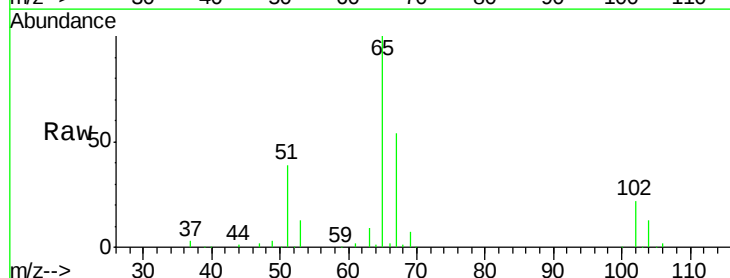
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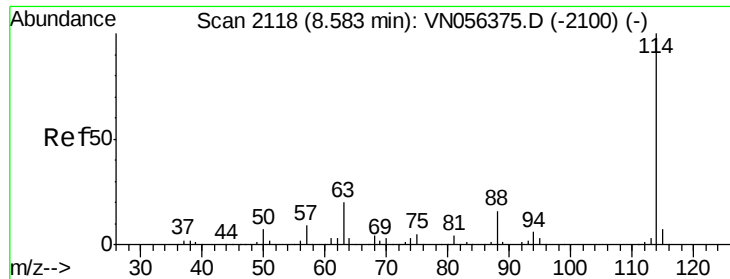
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#33
1,2-Dichloroethane-d4
Concen: 52.442 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056597.D
Acq: 3 Jul 2019 20:11

Tgt Ion: 65 Resp: 157735
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0





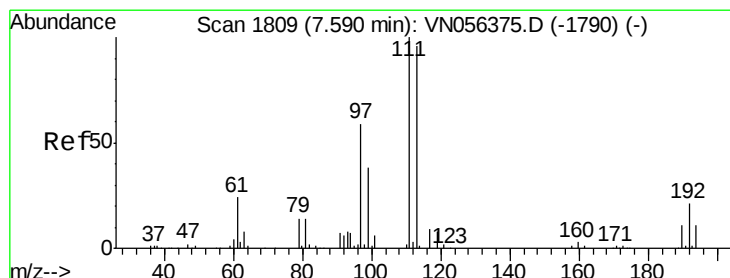
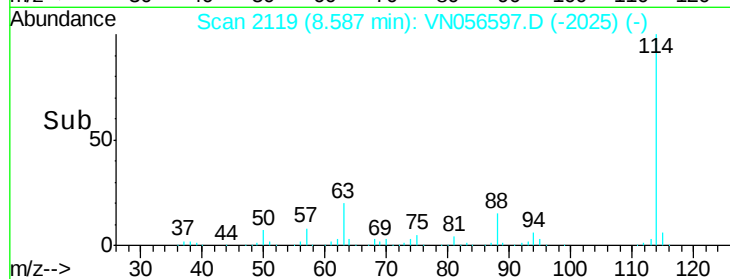
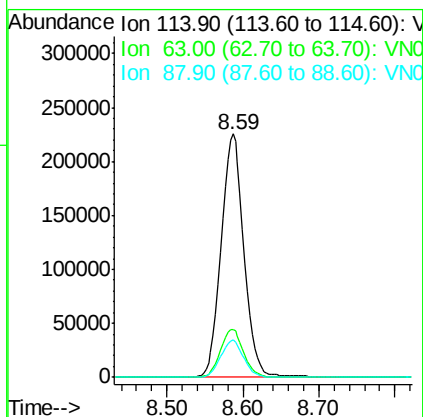
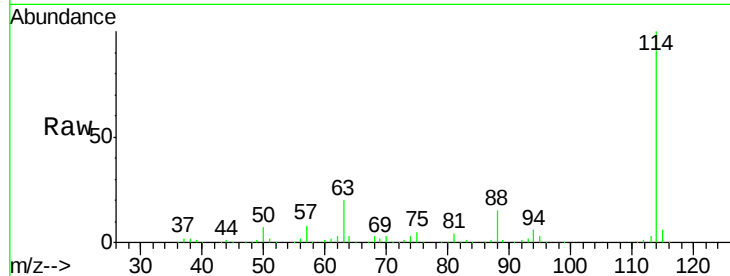
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056597.D
 Acq: 3 Jul 2019 20:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Resp	Lower	Upper
114	100	471101		
63	19.8	0.0	39.2	
88	15.2	0.0	31.4	

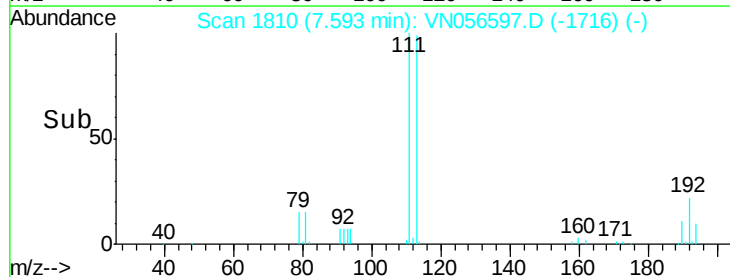
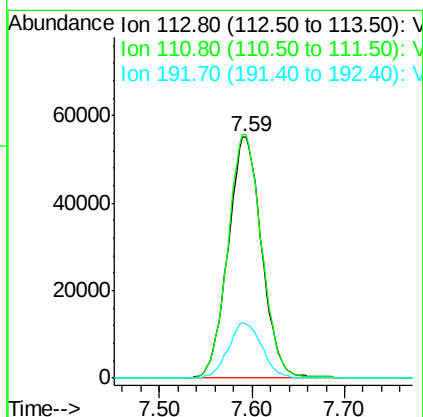
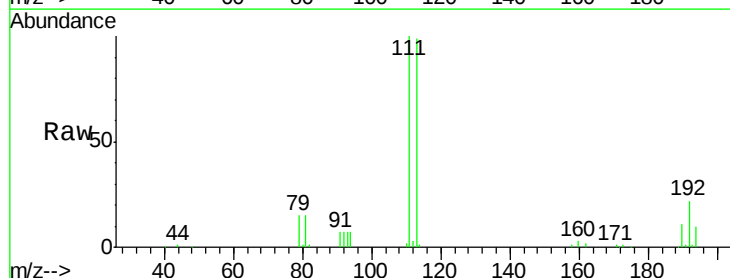
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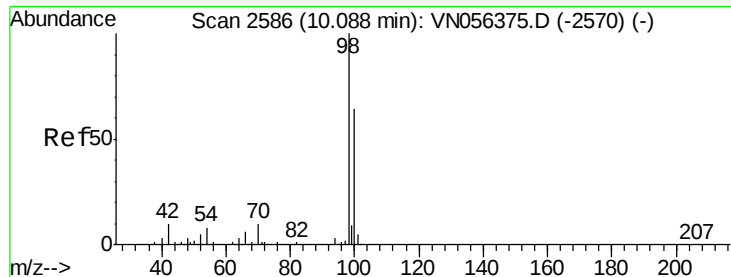
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#35
 Dibromofluoromethane
 Concen: 47.118 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056597.D
 Acq: 3 Jul 2019 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	138476		
111	101.1	82.9	124.3	
192	22.8	17.7	26.5	





#50

Toluene-d8

Concen: 51.359 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056597.D

Acq: 3 Jul 2019 20:11

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tot Ion: 98 Resp: 587319

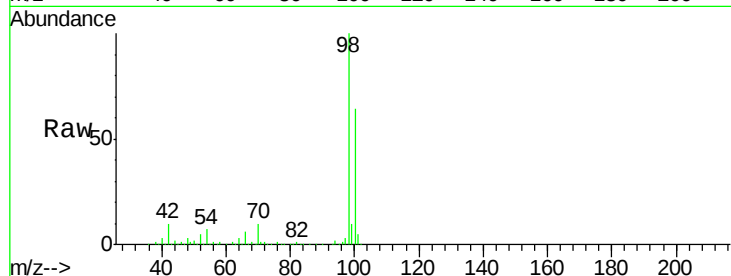
Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2

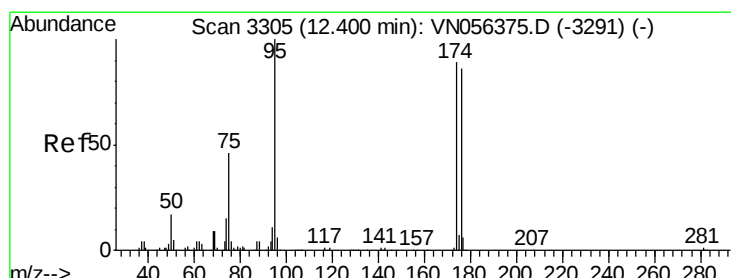
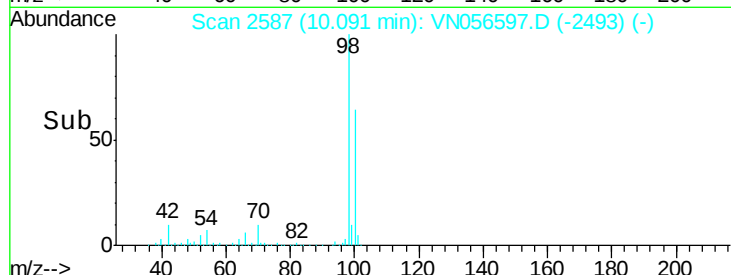
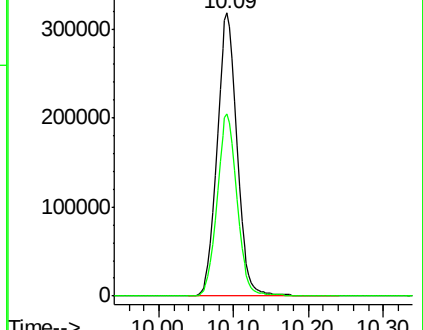
Manual Integrations
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Abundance Ion 98.00 (97.70 to 98.70): VN056375.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056375.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 54.828 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056597.D

Acq: 3 Jul 2019 20:11

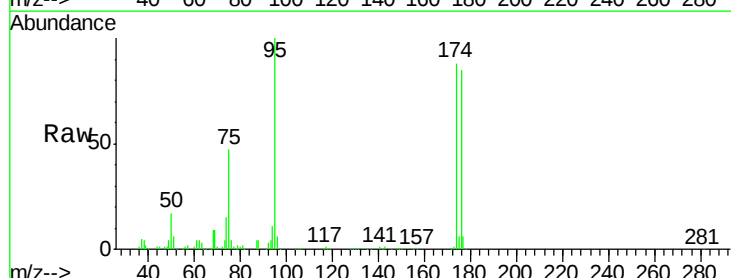
Tgt Ion: 95 Resp: 209009

Ion Ratio Lower Upper

95 100

174 88.6 0.0 179.4

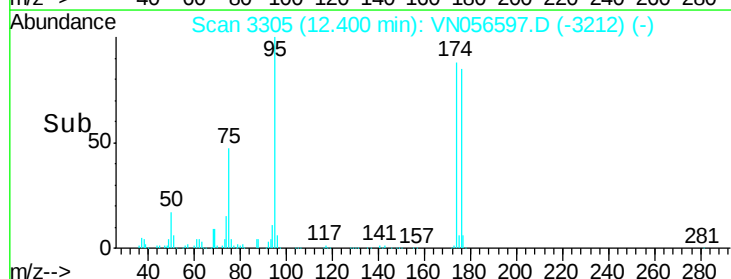
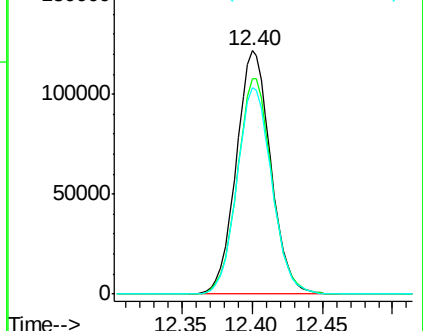
176 85.8 0.0 173.4

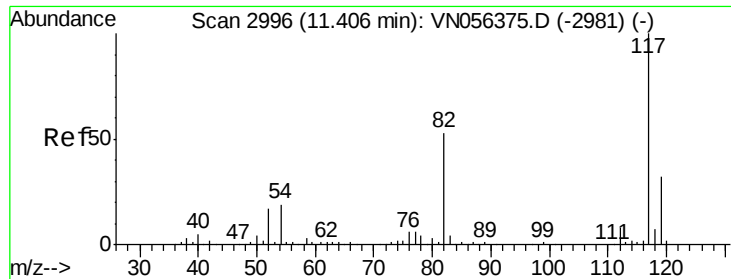


Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)





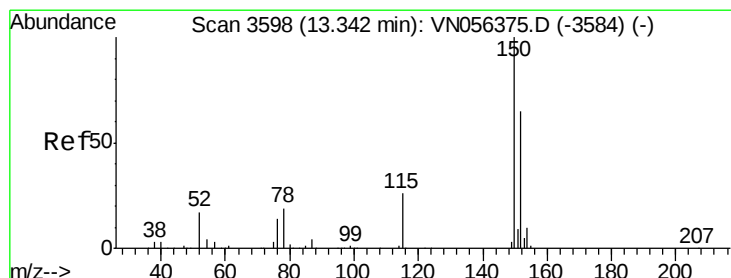
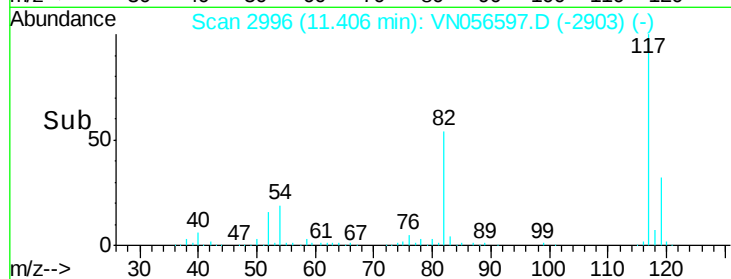
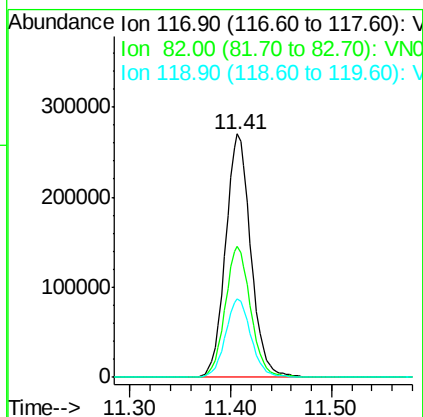
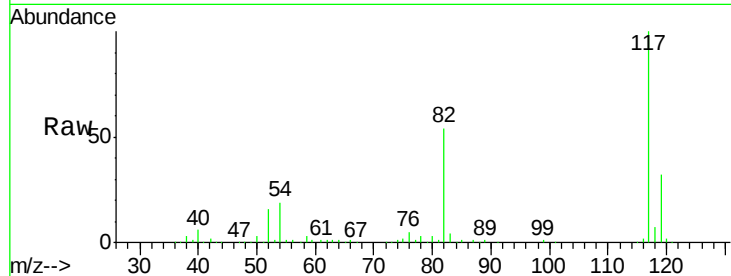
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056597.D
Acq: 3 Jul 2019 20:11

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.0	63.0
119	32.0	25.3	37.9

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056597.D
Acq: 3 Jul 2019 20:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.1	84.4
150	158.5	0.0	348.4

