

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055713.D
 Acq On : 21 May 2019 16:42
 Operator : JC/SP
 Sample : K2959-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20660

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 4:11:47 PM

Quant Time: May 22 05:56:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	419480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	580544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	500016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184043	40.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.04%	
35) Dibromofluoromethane	7.59	113	176704	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	10.09	98	662398	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.40	95	212716	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
16) Acetone	3.82	43	9617	5.125	ug/l	98
20) Methylene Chloride	4.55	84	4721	1.102	ug/l	86
25) 2-Butanone	6.84	43	14334	5.463	ug/l	100
43) Isopropyl Acetate	8.18	43	26281m	3.235	ug/l	

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

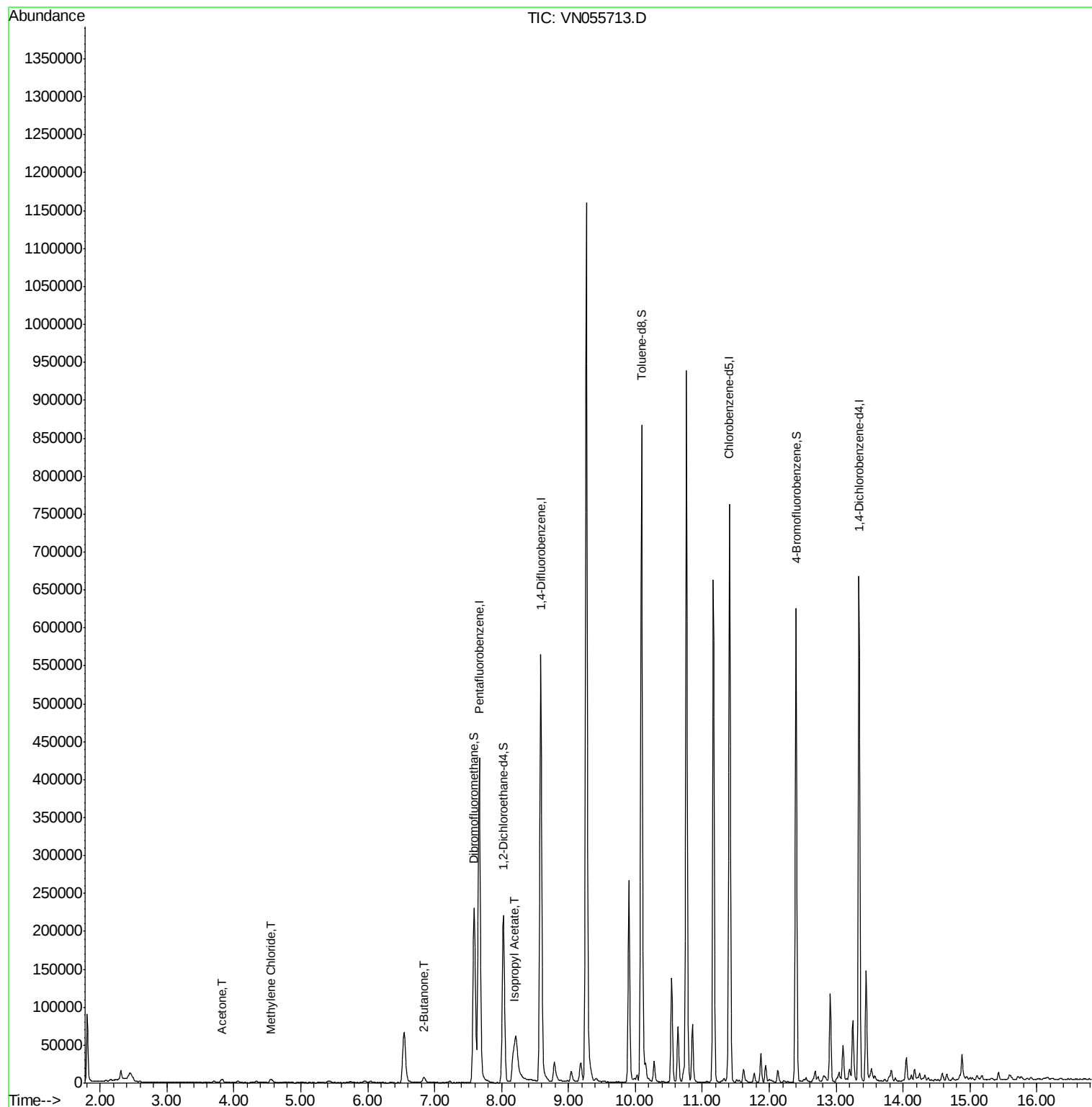
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055713.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

ClientSampled :

20660

Tot Ion:168 Resp: 419480

Ion Ratio Lower Upper

168 100

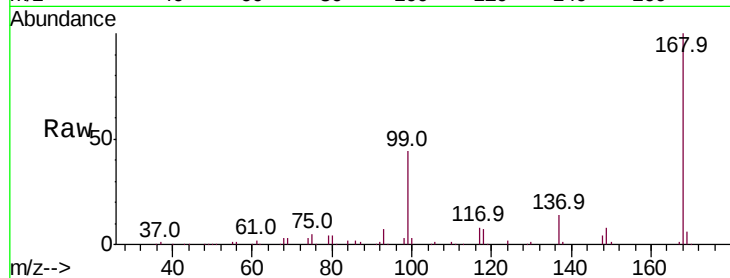
99 44.0 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

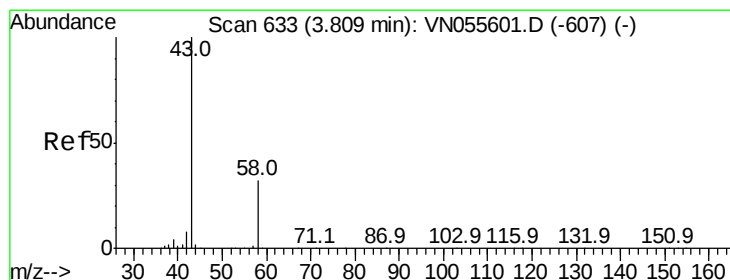
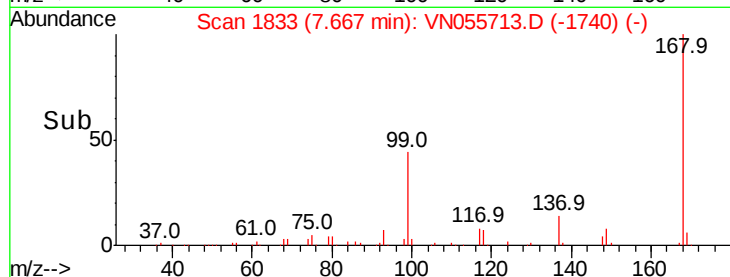
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50000

0

7.60 7.67 7.70 7.80

Time-->



#16

Acetone

Concen: 5.125 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055713.D

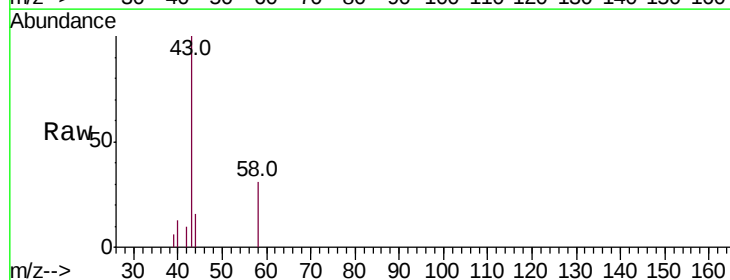
Acq: 21 May 2019 16:42

Tgt Ion: 43 Resp: 9617

Ion Ratio Lower Upper

43 100

58 31.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3000

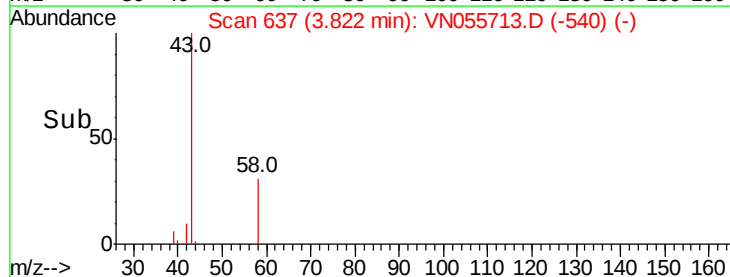
2000

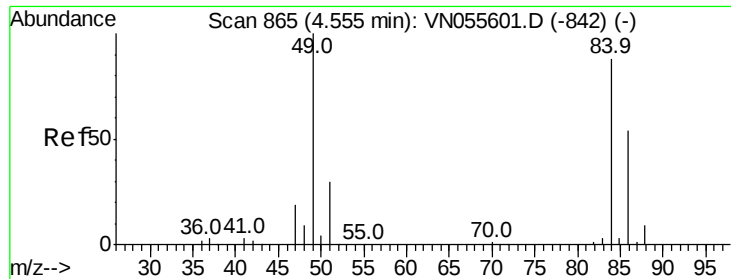
1000

0

3.75 3.80 3.82 3.85 3.90

Time-->





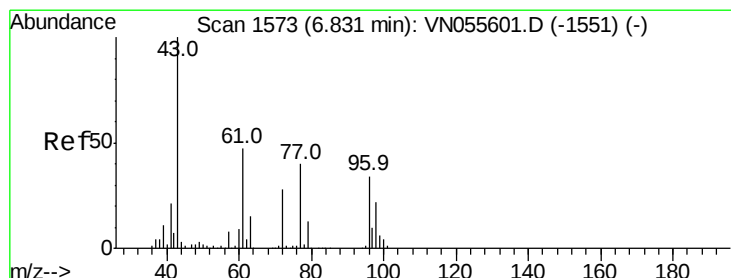
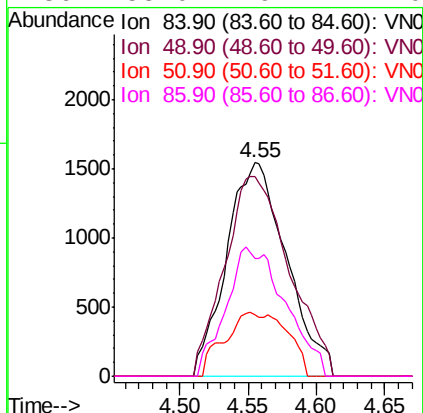
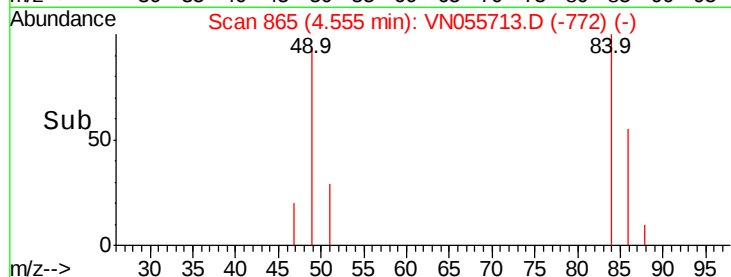
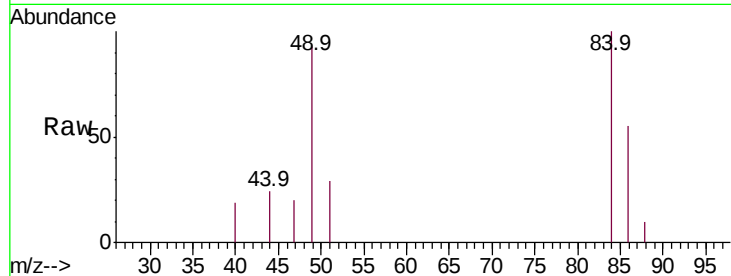
#20
Methvlene Chloride
Concen: 1.102 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :
20660

Tot Ion:	84	Resp:	4721
Ion	Ratio	Lower	Upper
84	100		
49	93.4	91.0	136.4
51	28.9	27.5	41.3
86	55.0	49.4	74.0

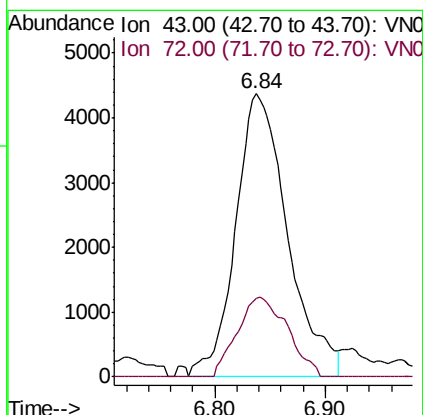
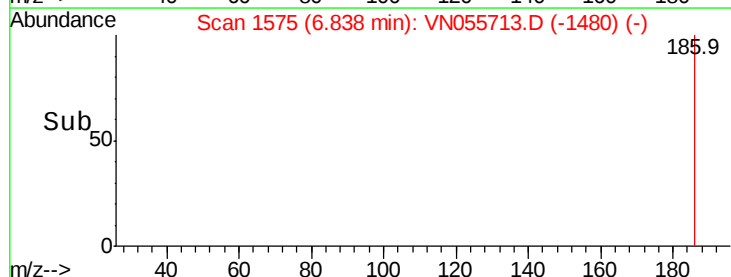
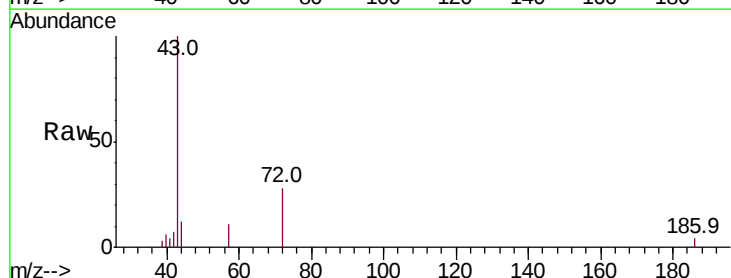
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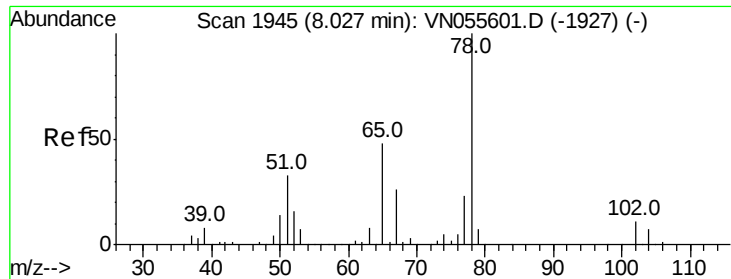
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#25
2-Butanone
Concen: 5.463 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Tgt Ion:	43	Resp:	14334
Ion	Ratio	Lower	Upper
43	100		
72	27.7	22.3	33.5





#33

1,2-Dichloroethane-d4

Concen: 40.024 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

ClientSampled :

20660

Tot Ion: 65 Resp: 184043

Ion Ratio Lower Upper

65 100

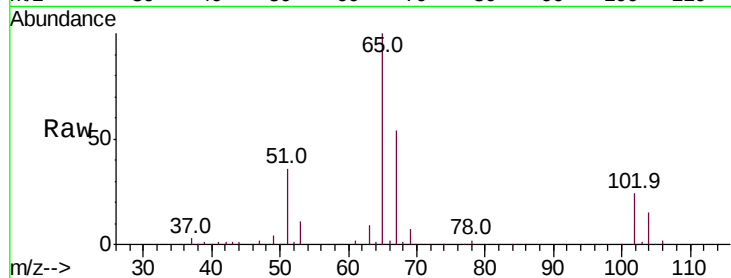
67 53.8 0.0 108.6

Manual Integrations

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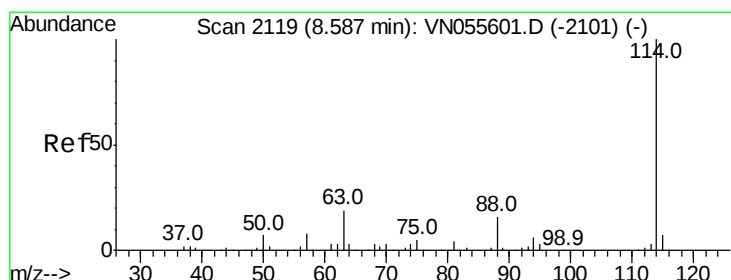
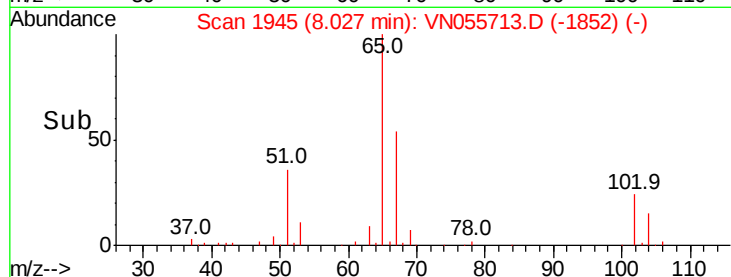
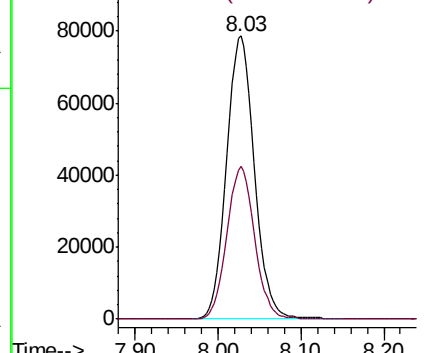
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Abundance Ion 64.90 (64.60 to 65.60): VN055713.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055713.D (-1927) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

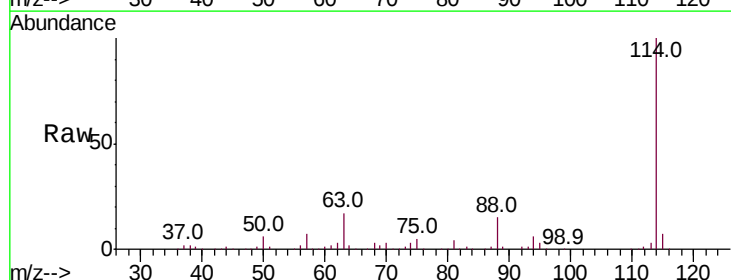
Tgt Ion: 114 Resp: 580544

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.2

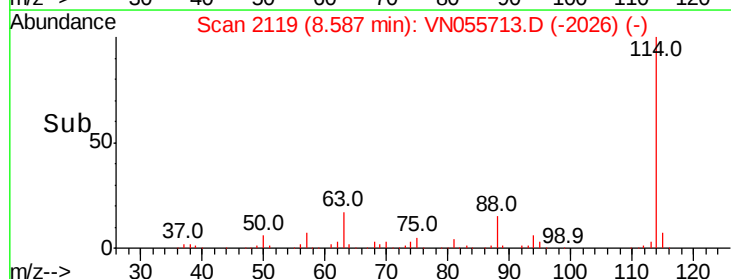
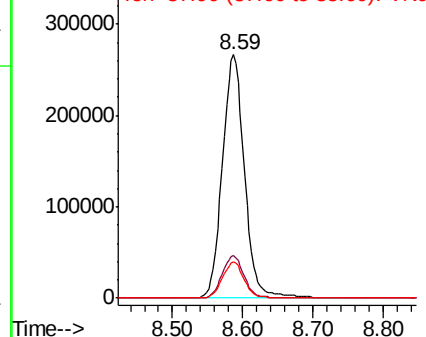
88 14.7 0.0 31.0

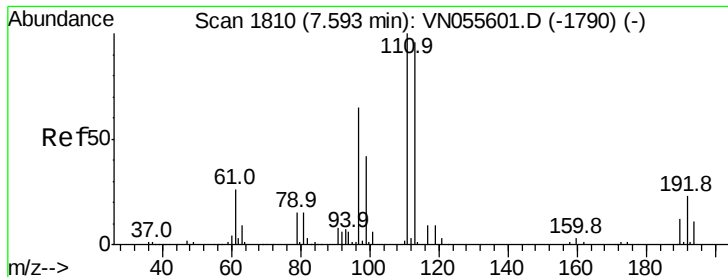


Abundance Ion 113.90 (113.60 to 114.60): VN055713.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055713.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055713.D (-2101) (-)





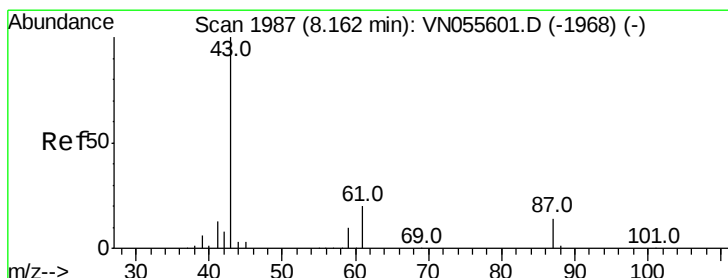
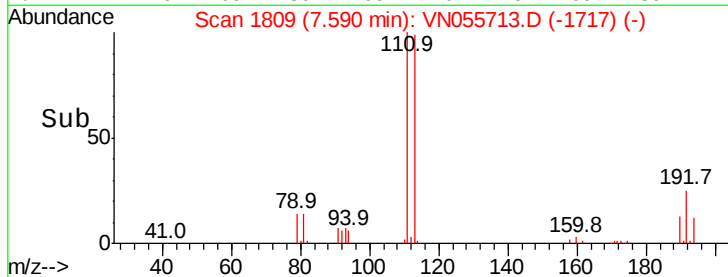
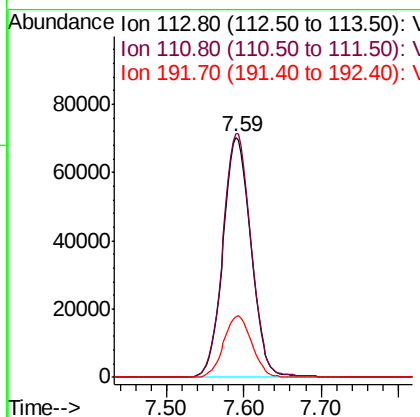
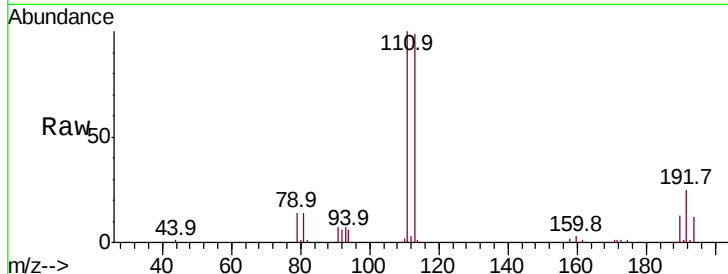
#35
 Dibromofluoromethane
 Concen: 47.915 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 20660

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.5	123.7
192	25.8	18.7	28.1

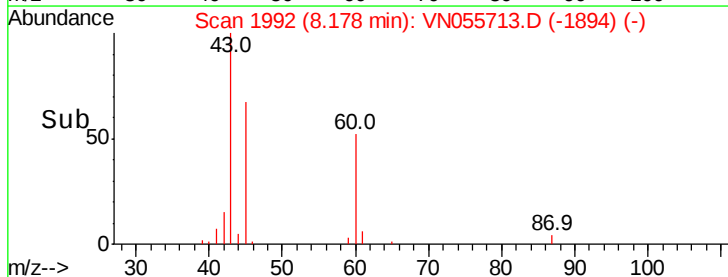
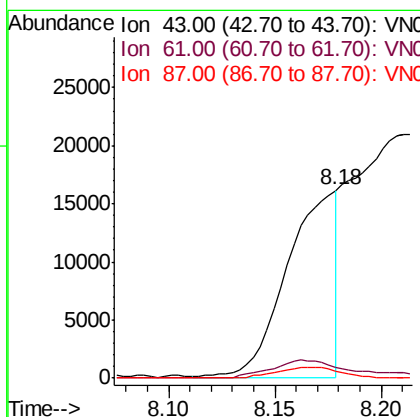
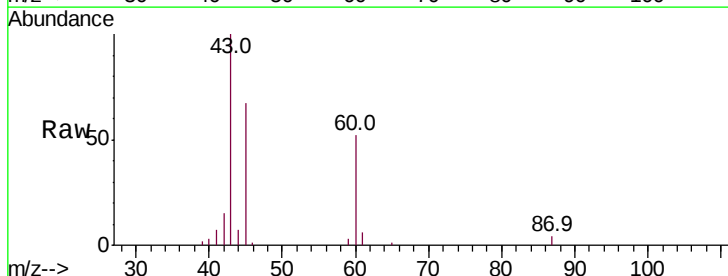
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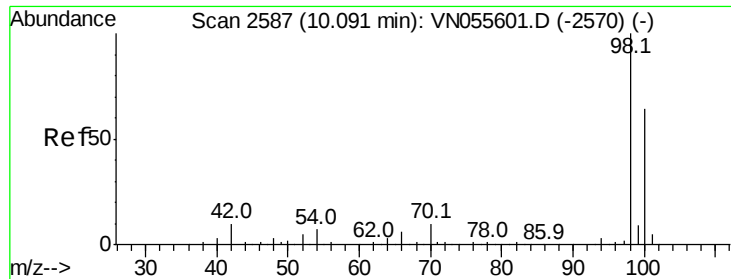
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#43
 Isopropyl Acetate
 Concen: 3.235 ug/l m
 RT: 8.18 min Scan# 1992
 Delta R.T. 0.02 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.1	33.1#
87	0.0	11.8	17.6#





#50

Toluene-d8

Concen: 47.503 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

ClientSampled :

20660

Tot Ion: 98 Resp: 662398

Ion Ratio Lower Upper

98 100

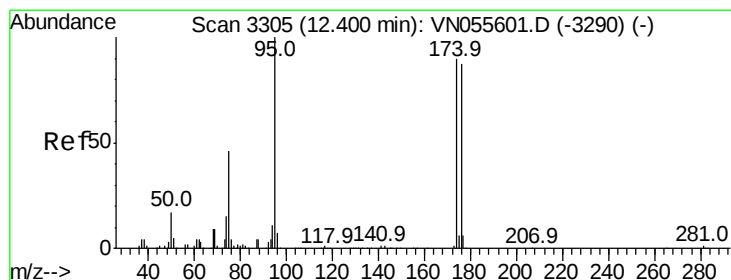
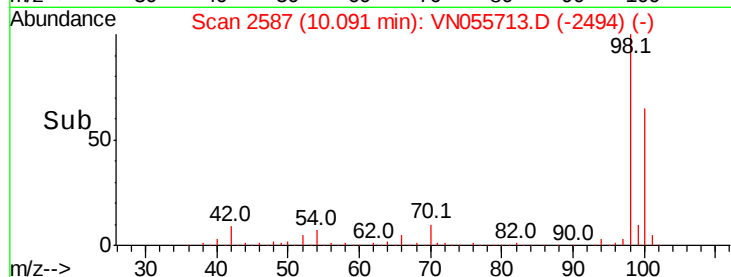
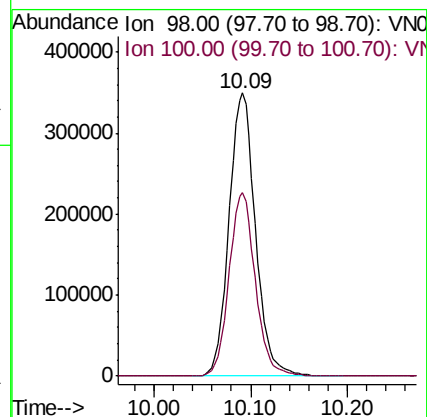
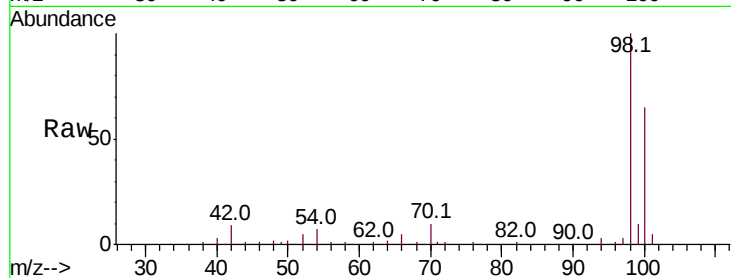
100 64.3 51.9 77.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 44.176 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

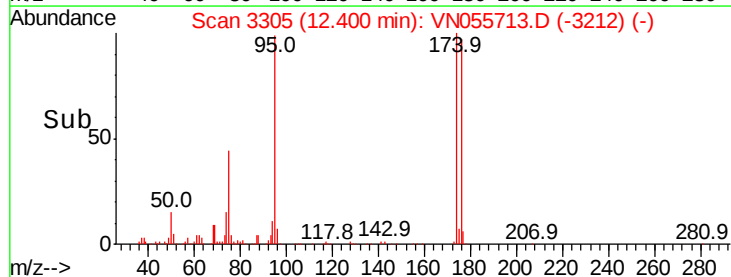
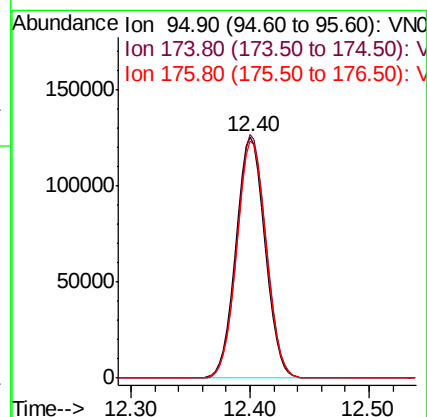
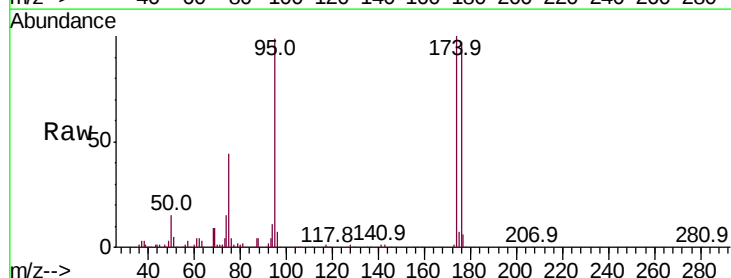
Tgt Ion: 95 Resp: 212716

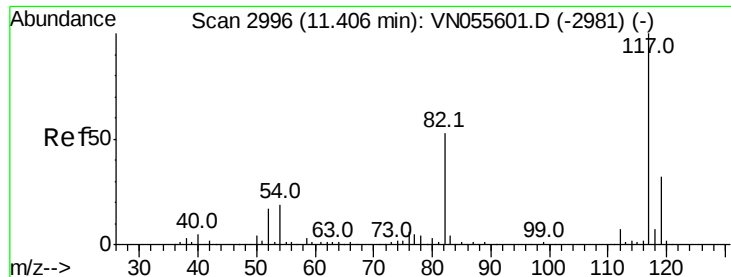
Ion Ratio Lower Upper

95 100

174 100.8 0.0 180.6

176 98.7 0.0 177.4





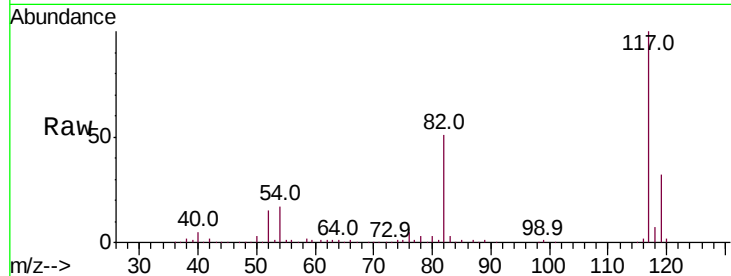
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Instrument :
MSVOA_N
ClientSampled :
20660

Tot Ion	Ratio	Resp	Lower	Upper
117	100	500016		
82	50.7		42.3	63.5
119	32.0		25.4	38.2

Manual Integrations
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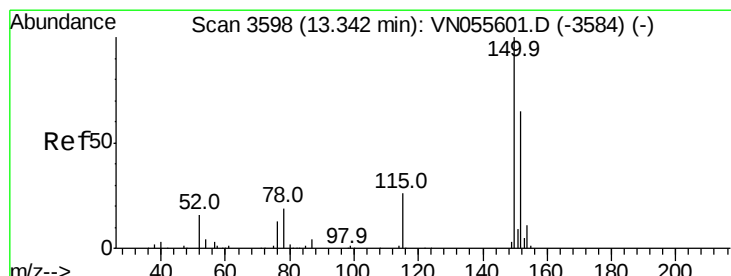
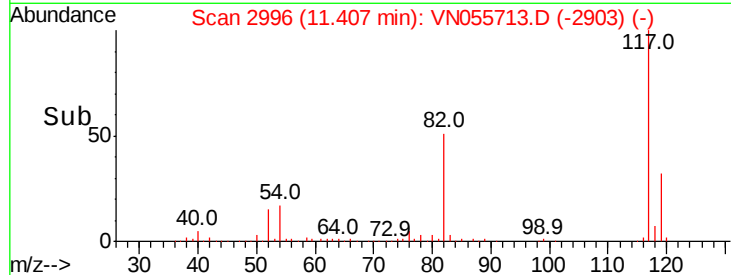
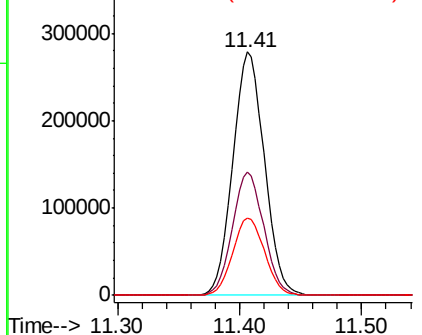


Abundance

Ion 116.90 (116.60 to 117.60): V

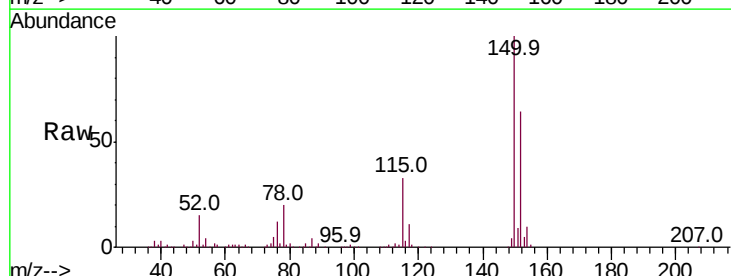
Ion 82.00 (81.70 to 82.70): V

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: VN055713.D
Acq: 21 May 2019 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	201744		
115	51.2		28.1	84.2
150	156.1		0.0	348.0



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

