

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053736.D
 Acq On : 12 Feb 2019 17:47
 Operator : JC/SP
 Sample : K1461-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-4

Manual Integrations
 APPROVED

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 2/13/2019 12:15:30 PM

Quant Time: Feb 13 05:55:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	771321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1258284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1174856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	528522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	400216	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	392734	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	10.09	98	1518557	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	516219	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
Target Compounds						
16) Acetone	3.82	43	42372	21.349	ug/l	97
20) Methylene Chloride	4.55	84	1144649	137.463	ug/l	98
25) 2-Butanone	6.84	43	7103	2.509	ug/l #	84
43) Isopropyl Acetate	8.19	43	48292m	3.947	ug/l	
95) Naphthalene	15.13	128	125670	6.961	ug/l	99

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

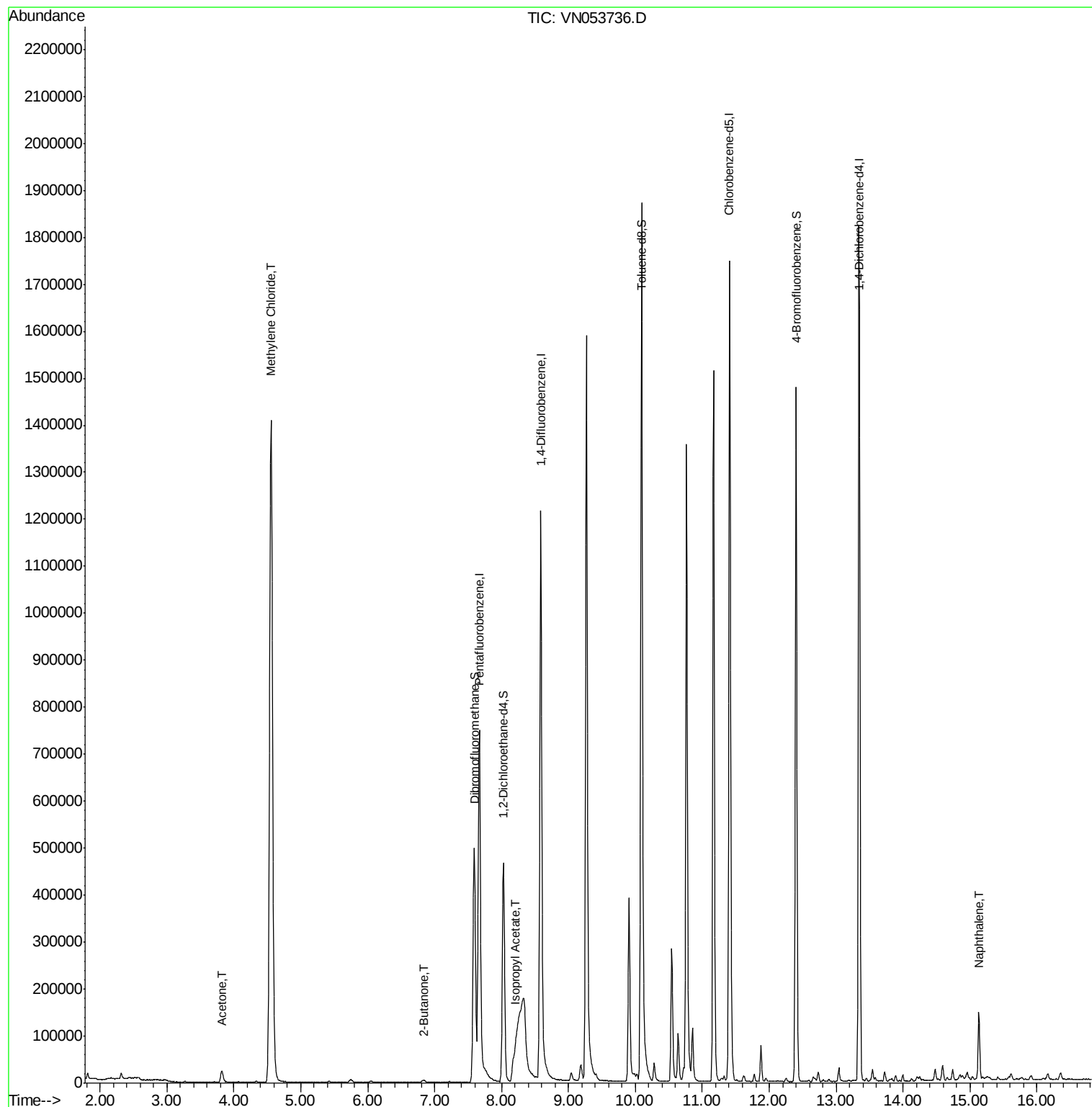
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053736.D
Acq On : 12 Feb 2019 17:47
Operator : JC/SP
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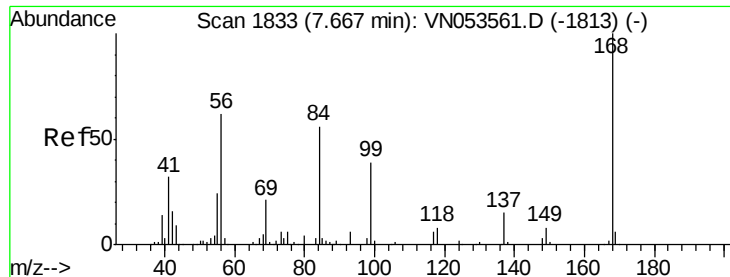
Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-4

Manual Integrations
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Quant Time: Feb 13 05:55:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-4

Tot Ion:168 Resp: 771321

Ion Ratio Lower Upper

168 100

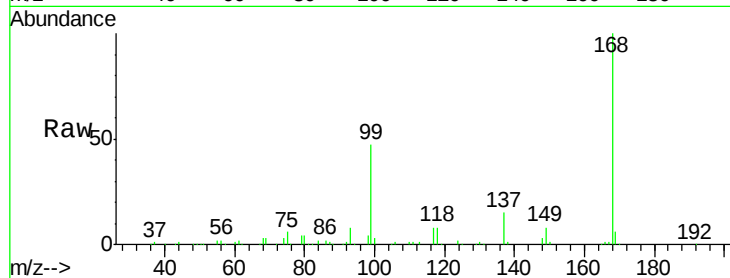
99 47.5 39.1 58.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

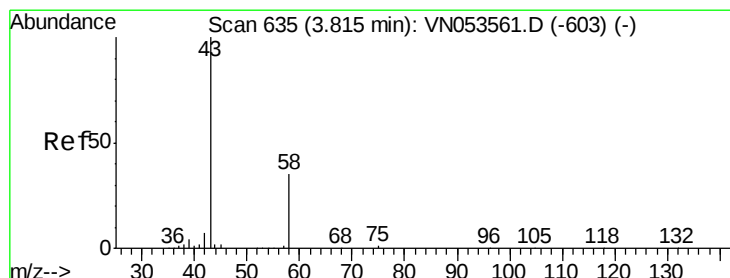
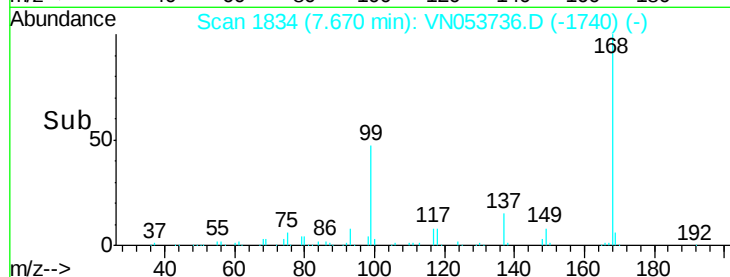
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 21.349 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053736.D

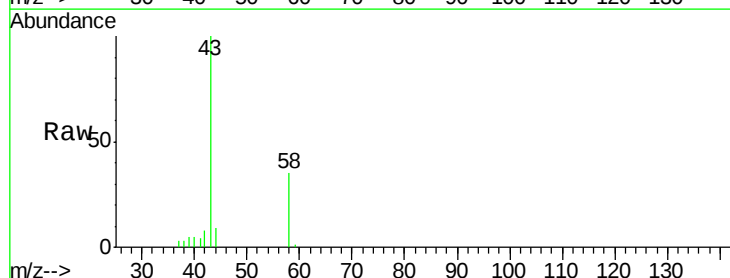
Acq: 12 Feb 2019 17:47

Tgt Ion: 43 Resp: 42372

Ion Ratio Lower Upper

43 100

58 35.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

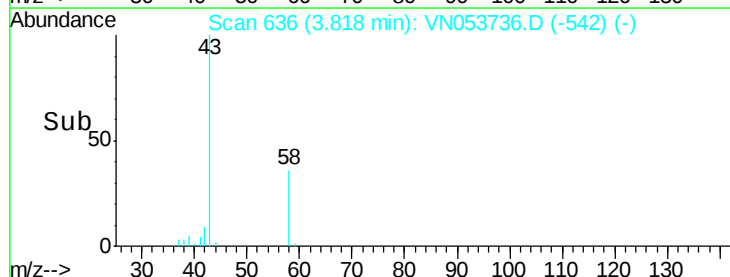
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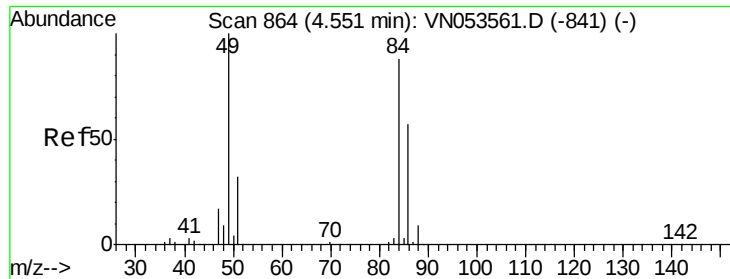
10000

5000

0

Time--> 3.75 3.80 3.85 3.90





#20
Methvlene Chloride
Concen: 137.463 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

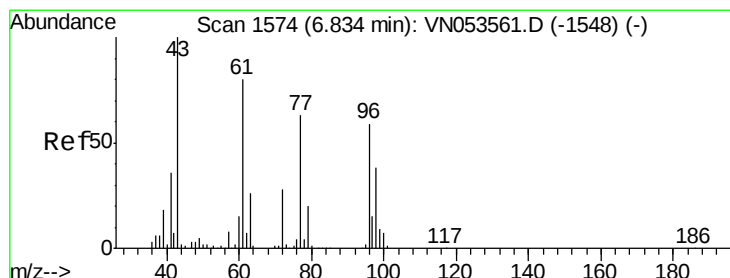
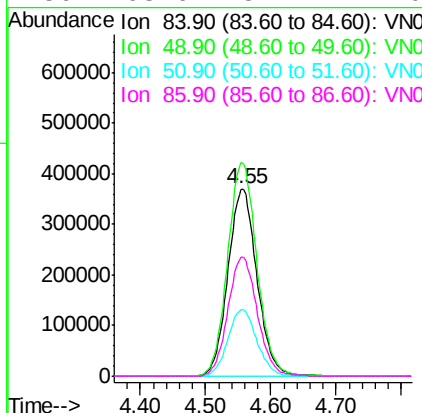
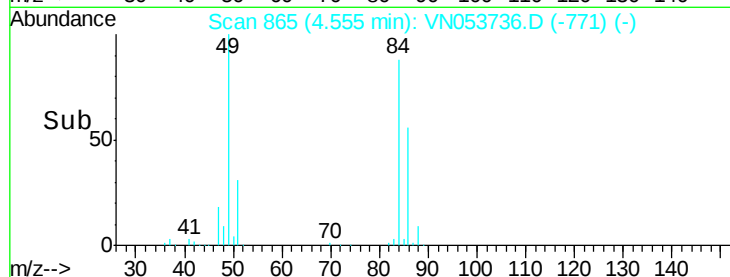
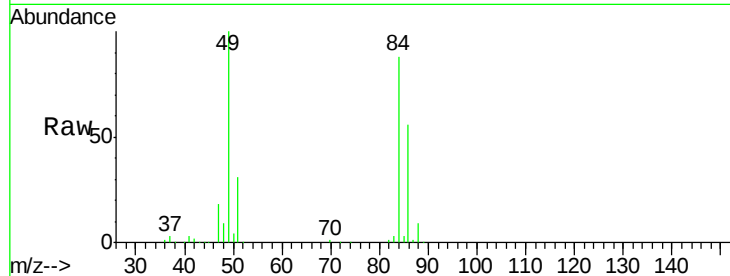
Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-4

Tot Ion: 84 Resp: 1144649

Ion	Ratio	Lower	Upper
84	100		
49	114.2	94.3	141.5
51	35.8	29.4	44.2
86	63.6	51.4	77.0

Manual Integrations
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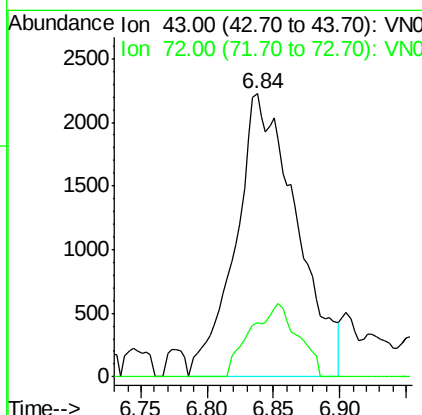
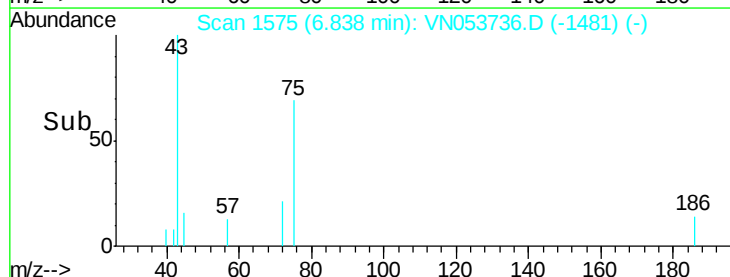
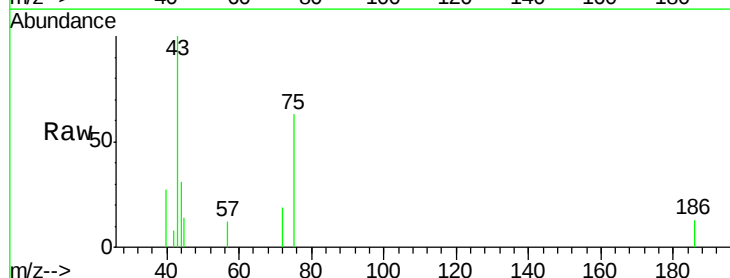
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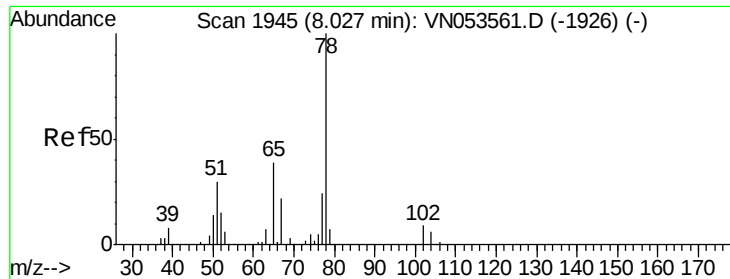


#25
2-Butanone
Concen: 2.509 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Tgt Ion: 43 Resp: 7103

Ion	Ratio	Lower	Upper
43	100		
72	19.2	22.0	33.0#





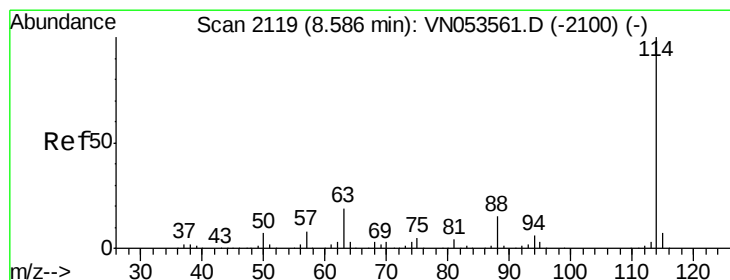
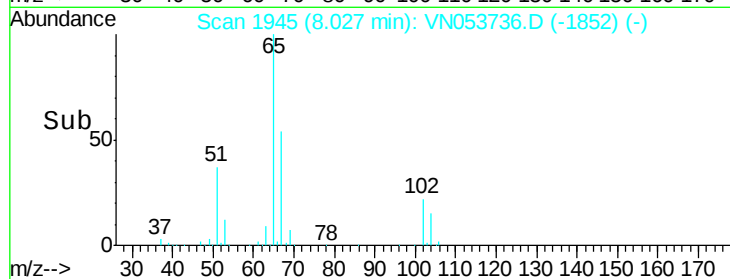
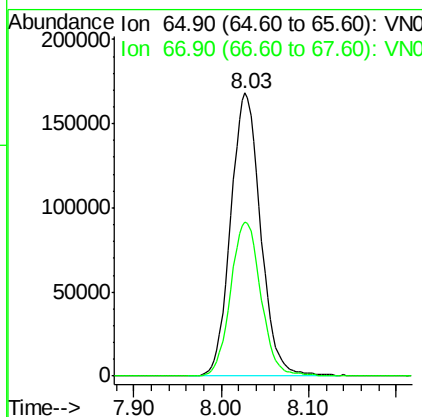
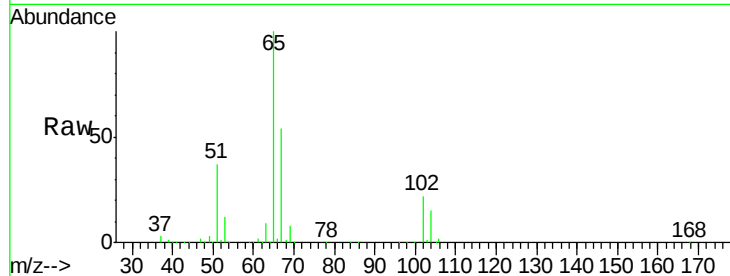
#33
 1,2-Dichloroethane-d4
 Concen: 51.722 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053736.D
 Acq: 12 Feb 2019 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-4

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.0	0.0	111.2	

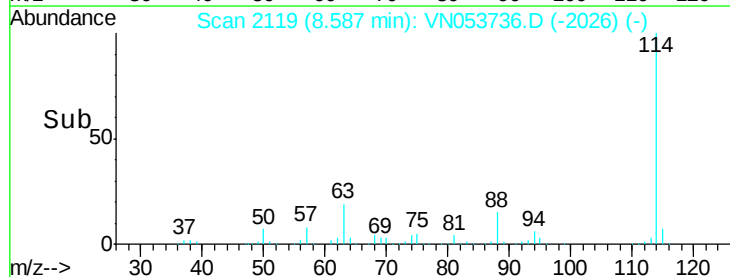
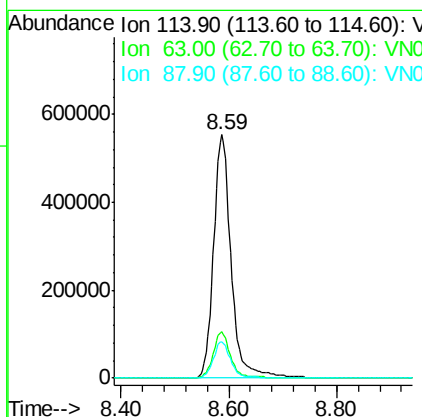
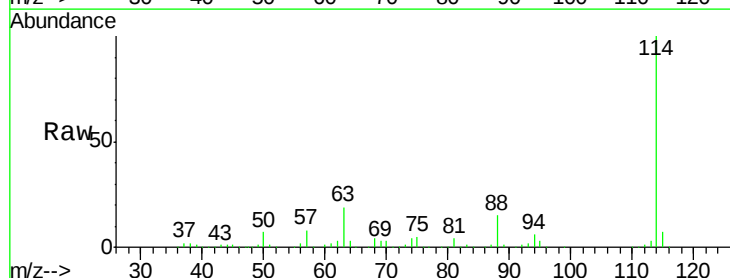
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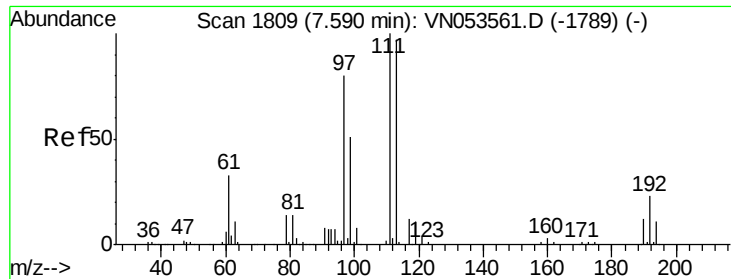
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053736.D
 Acq: 12 Feb 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	38.6	
88	15.1	0.0	30.4	





#35

Dibromofluoromethane

Concen: 49.396 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

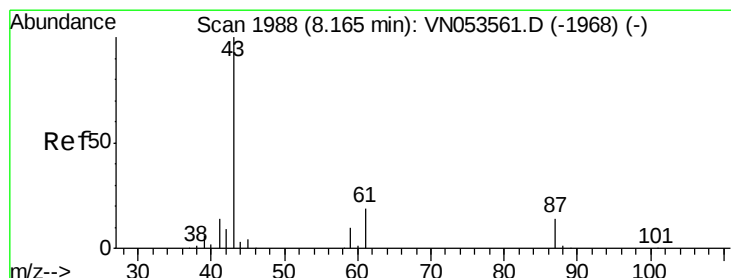
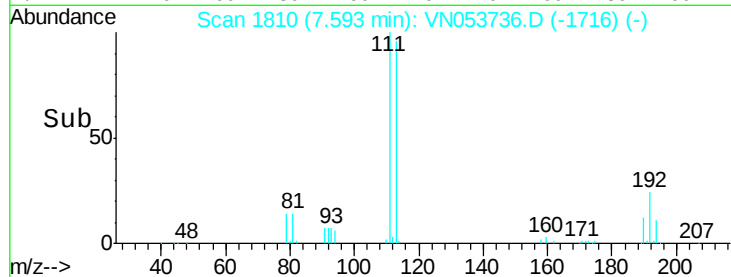
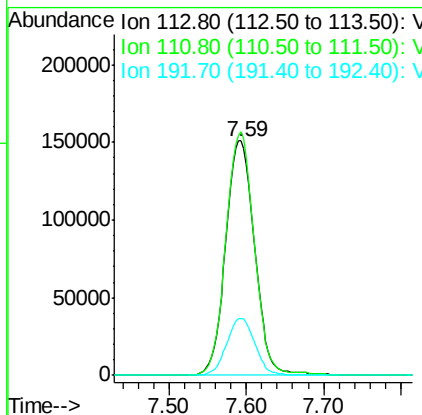
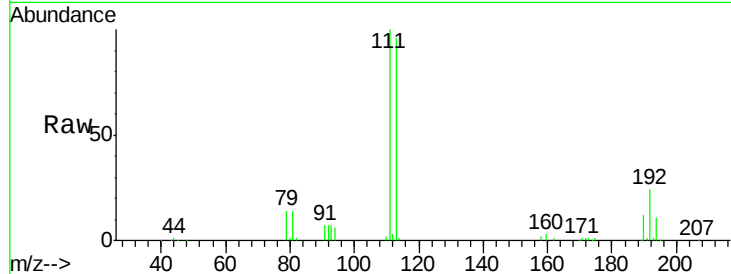
ClientSampled :

TEST-PIT-4

Tot Ion:	113	Resp:	392734
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.1	121.7
192	23.6	18.2	27.2

Manual Integrations
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#43

Isopropyl Acetate

Concen: 3.947 ug/l m

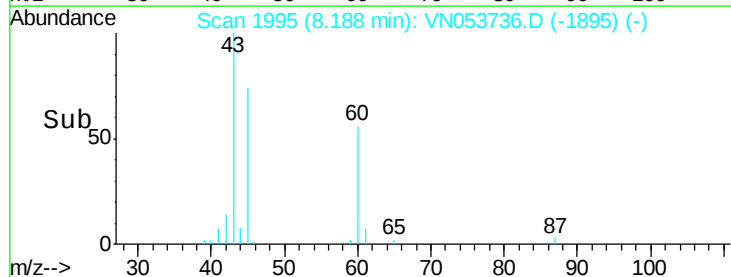
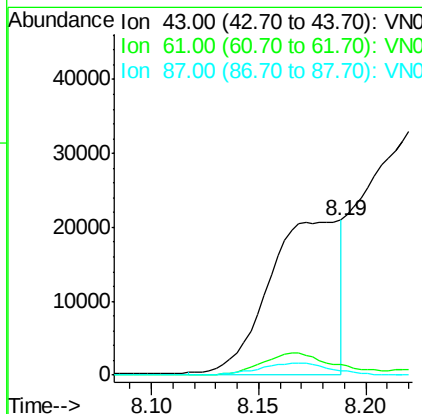
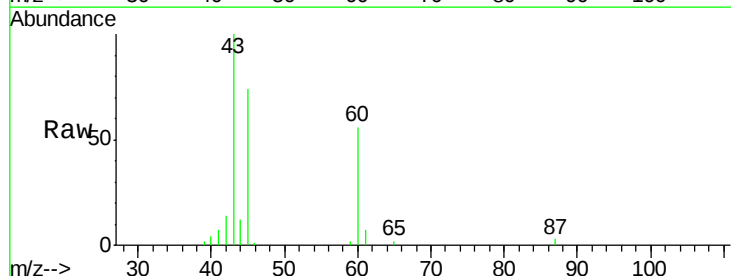
RT: 8.19 min Scan# 1995

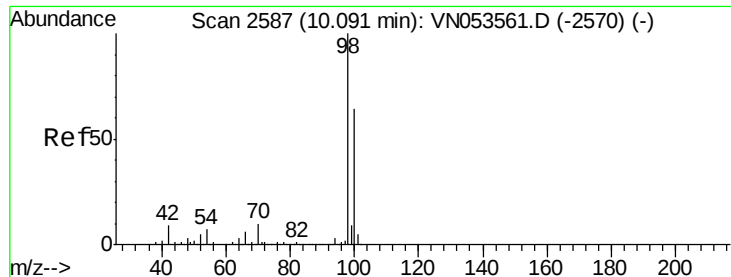
Delta R.T. 0.02 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Tgt Ion:	43	Resp:	48292
Ion Ratio	Lower	Upper	
43	100		
61	5.3	23.9	35.9#
87	0.0	11.0	16.6#





#50

Toluene-d8

Concen: 50.867 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-4

Tot Ion: 98 Resp: 1518557

Ion Ratio Lower Upper

98 100

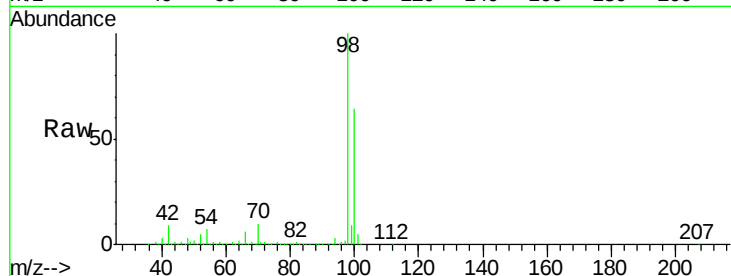
100 64.4 51.4 77.0

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN053736.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053736.D (-2494) (-)

10.09

800000

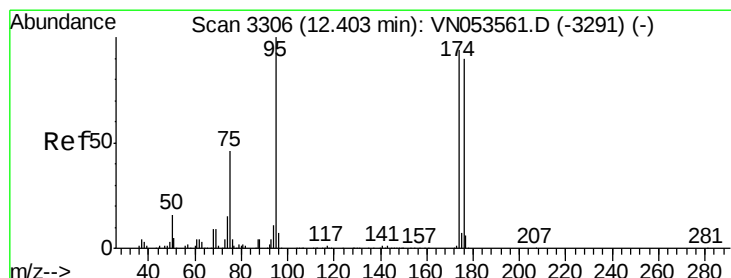
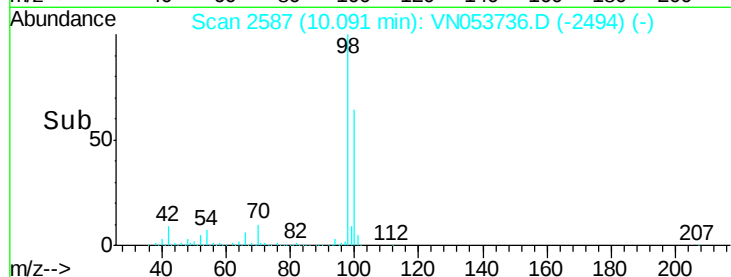
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.847 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

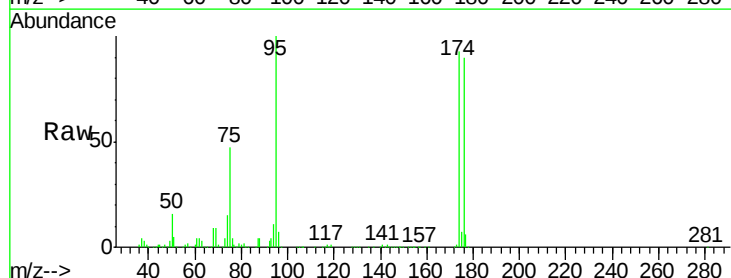
Tgt Ion: 95 Resp: 516219

Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.2

176 91.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053736.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053736.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053736.D (-3213) (-)

12.40

400000

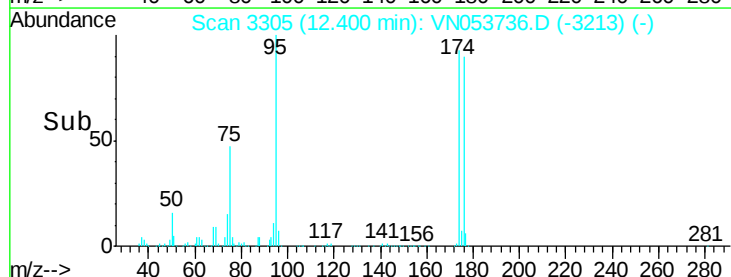
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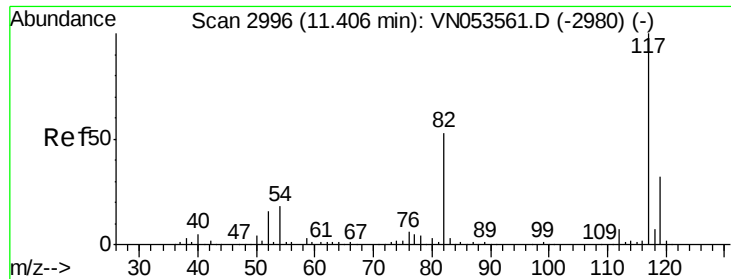
200000

100000

0

Time-->





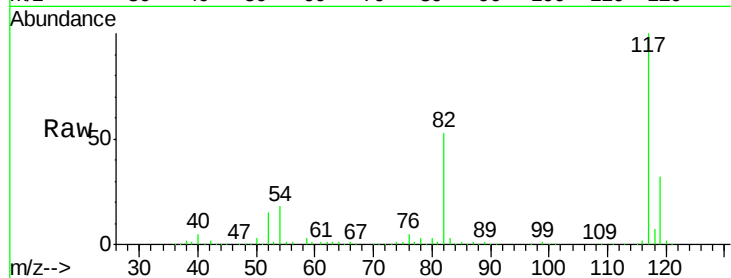
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-4

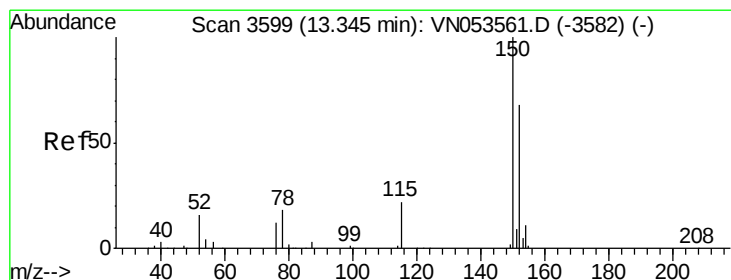
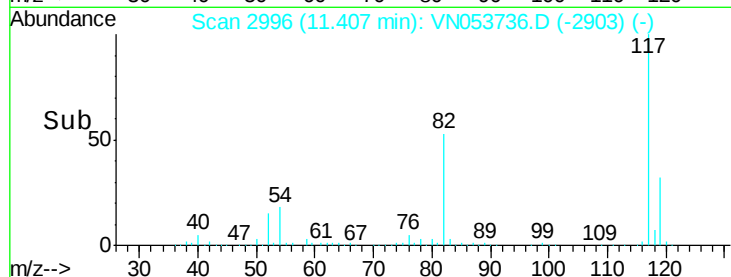
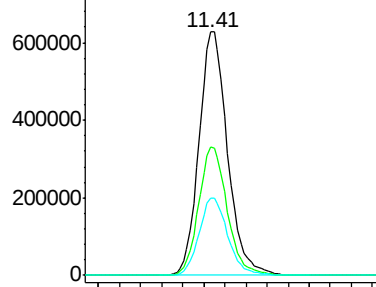
Tot Ion:117 Resp: 1174856
Ion Ratio Lower Upper
117 100
82 52.8 42.9 64.3
119 31.9 26.0 39.0

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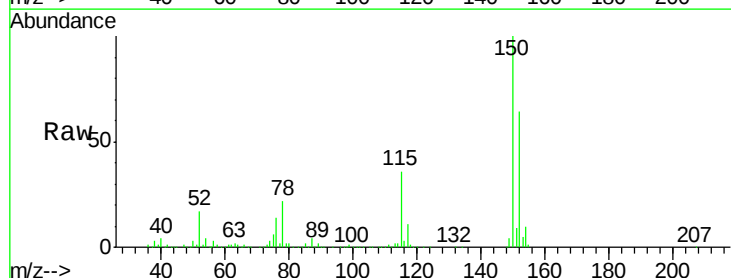


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

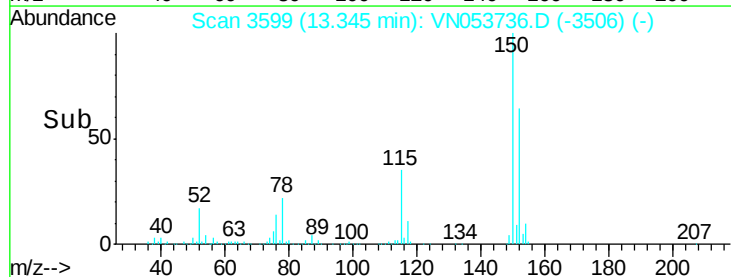
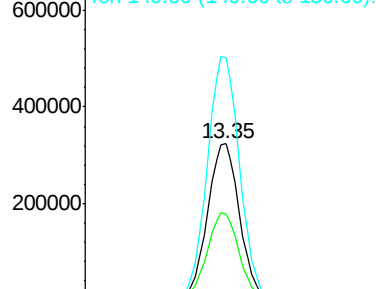


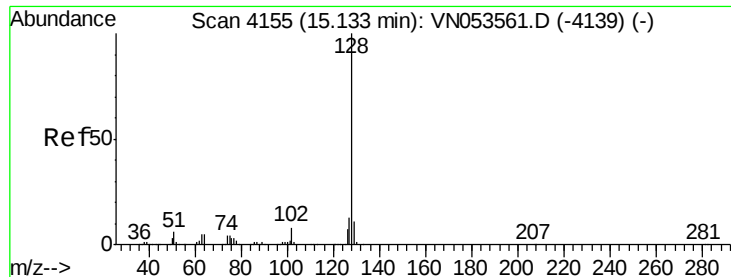
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Tgt Ion:152 Resp: 528522
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.4
150 157.7 0.0 349.0



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





#95
Naphthalene
Concen: 6.961 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-4

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.4	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
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