

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053738.D
 Acq On : 12 Feb 2019 18:41
 Operator : JC/SP
 Sample : K1462-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 12:15:35 PM

Quant Time: Feb 13 06:00:54 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	735811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1222571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1099944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	430722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	389661	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	7.59	113	386250	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	10.09	98	1474745	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	470457	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
16) Acetone	3.82	43	20012	10.569	ug/l	100
20) Methylene Chloride	4.56	84	30279	3.812	ug/l	94
25) 2-Butanone	6.85	43	4148	1.536	ug/l	90
43) Isopropyl Acetate	8.17	43	34148m	2.873	ug/l	
95) Naphthalene	15.13	128	197859	11.830	ug/l	98

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

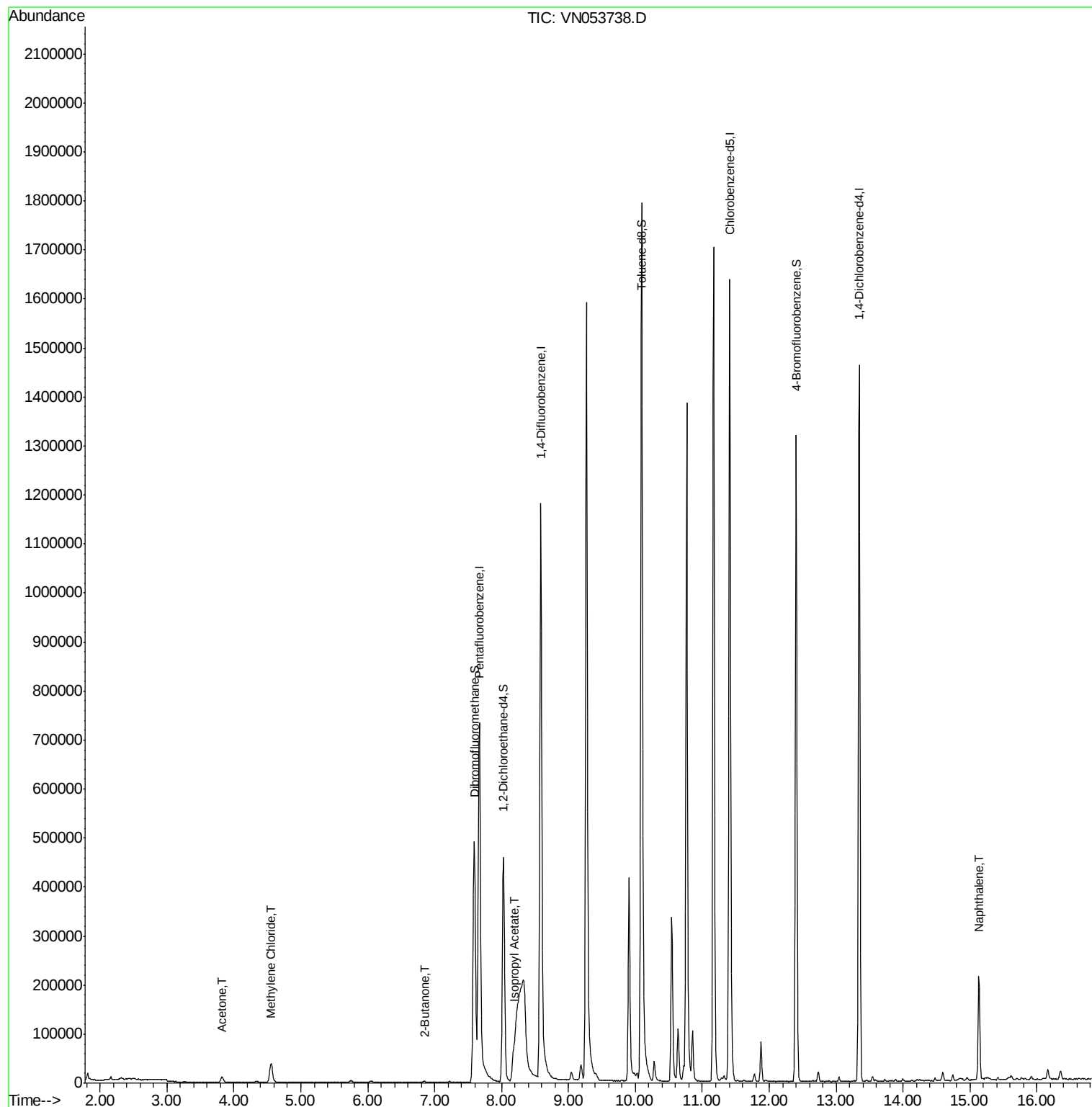
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053738.D
Acq On : 12 Feb 2019 18:41
Operator : JC/SP
Sample : K1462-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Manual Integrations
APPROVED

MMDadoda
2/13/2019 12:15:35 PM

Quant Time: Feb 13 06:00:54 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053738.D

Acq: 12 Feb 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

Tot Ion:168 Resp: 735811

Ion Ratio Lower Upper

168 100

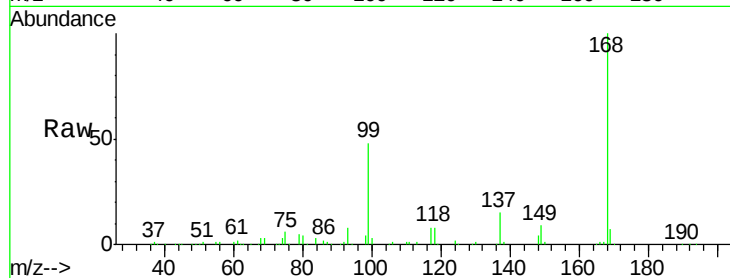
99 48.3 39.1 58.7

Manual Integrations

APPROVED

MMDadoda

2/13/2019 12:15:35 PM



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

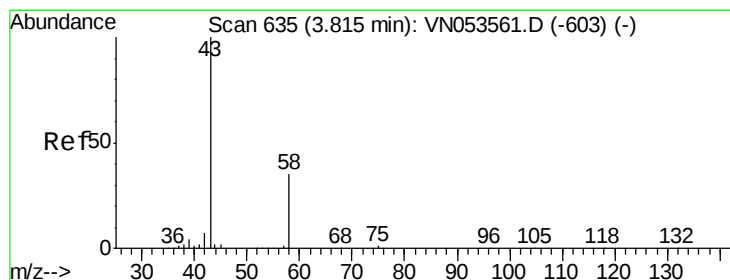
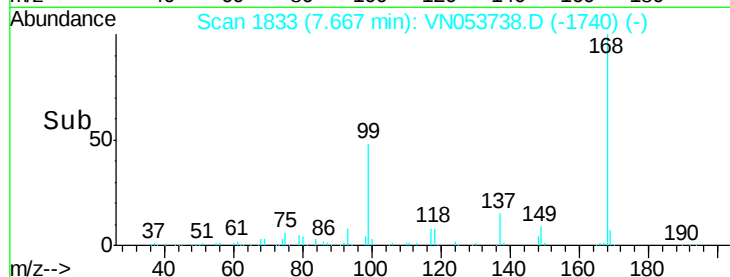
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 10.569 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053738.D

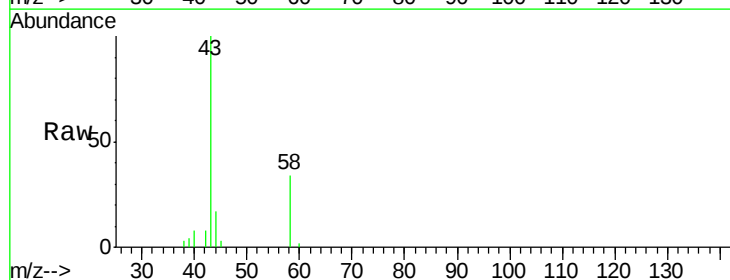
Acq: 12 Feb 2019 18:41

Tgt Ion: 43 Resp: 20012

Ion Ratio Lower Upper

43 100

58 33.9 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

8000

6000

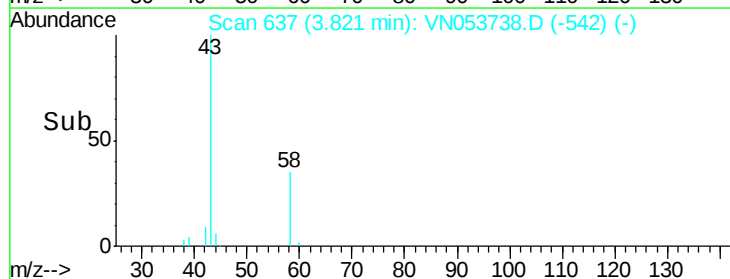
4000

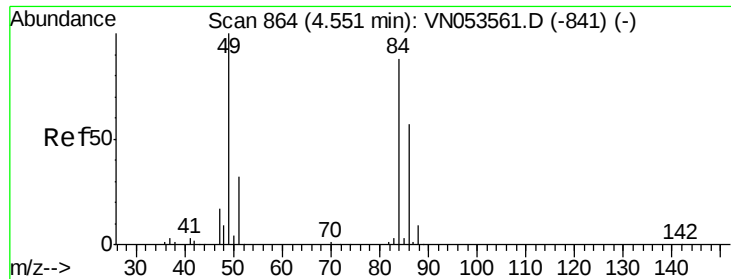
2000

0

3.70 3.80 3.90

Time-->





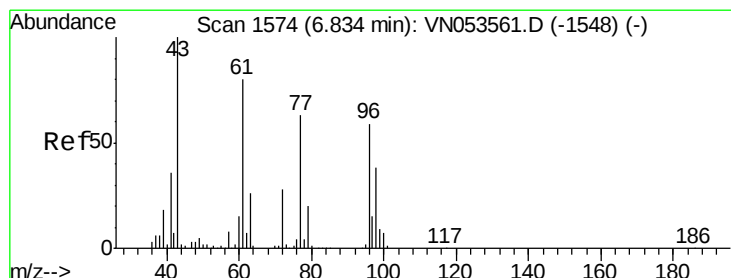
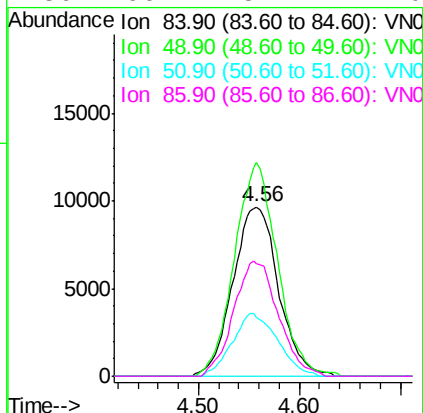
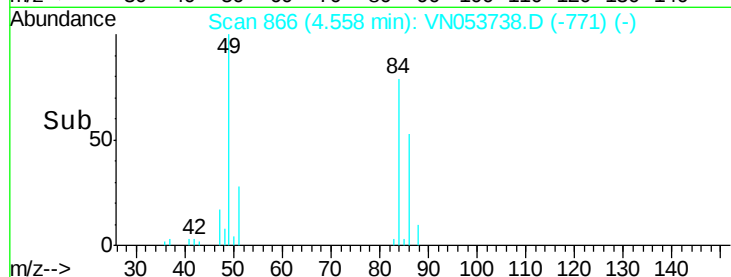
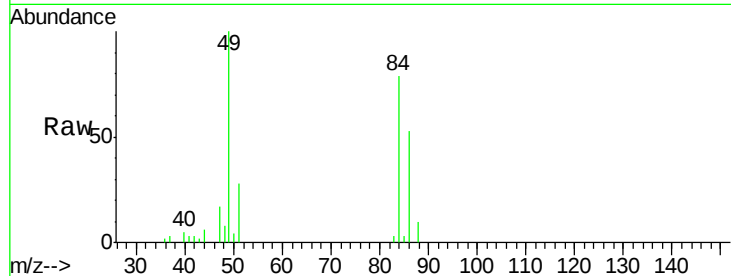
#20
Methvlene Chloride
Concen: 3.812 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tot Ion:	84	Resp:	30279
Ion	Ratio	Lower	Upper
84	100		
49	126.4	94.3	141.5
51	34.8	29.4	44.2
86	66.7	51.4	77.0

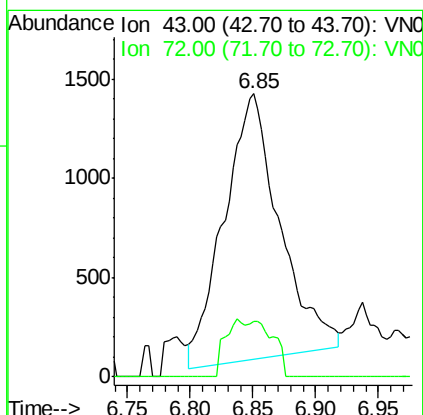
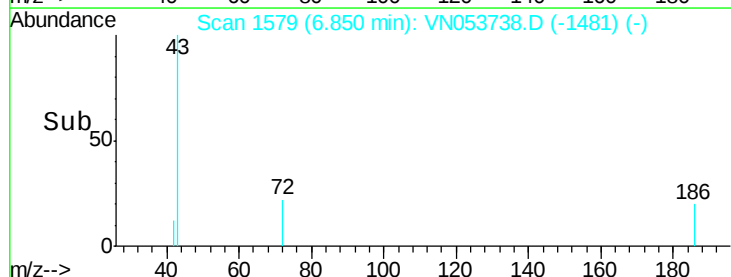
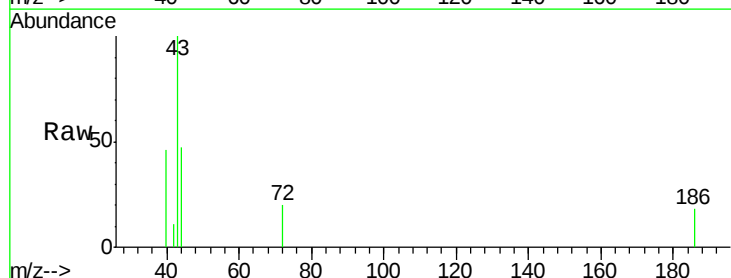
Manual Integrations
APPROVED

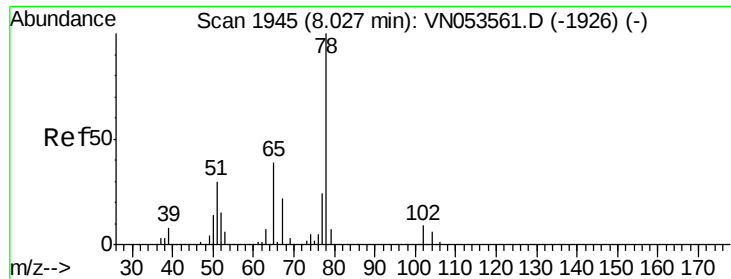
MMDadoda
2/13/2019 12:15:35 PM



#25
2-Butanone
Concen: 1.536 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion:	43	Resp:	4148
Ion	Ratio	Lower	Upper
43	100		
72	22.0	22.0	33.0





#33

1,2-Dichloroethane-d4

Concen: 52.788 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053738.D

Acq: 12 Feb 2019 18:41

Instrument :

MSVOA_N

ClientSampled :

TP-1-D

Tot Ion: 65 Resp: 389661

Ion Ratio Lower Upper

65 100

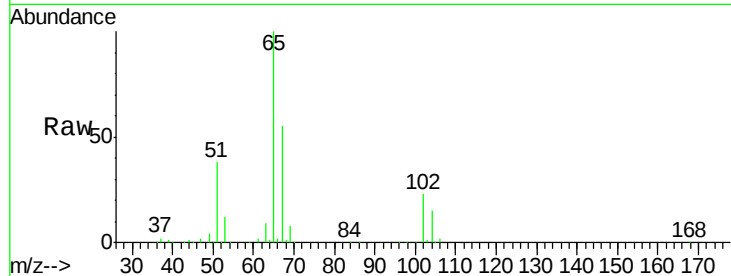
67 55.4 0.0 111.2

Manual Integrations

APPROVED

MMDadoda

2/13/2019 12:15:35 PM



Abundance Ion 64.90 (64.60 to 65.60): VN053738.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053738.D (-1852) (-)

8.03

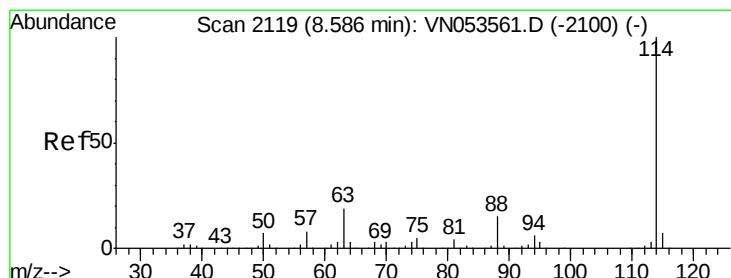
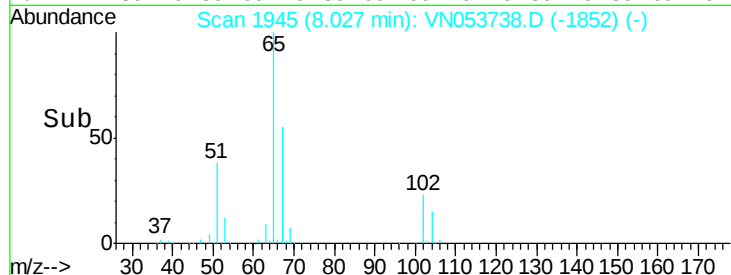
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053738.D

Acq: 12 Feb 2019 18:41

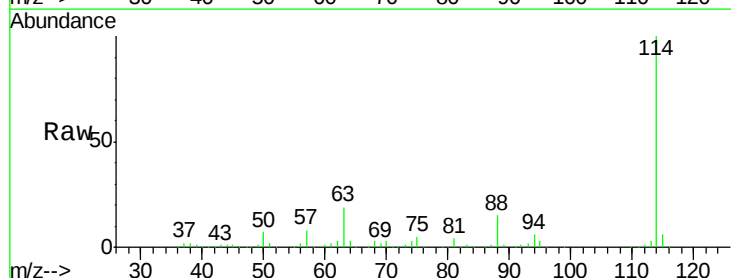
Tgt Ion: 114 Resp: 1222571

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053738.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053738.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053738.D (-2026) (-)

8.59

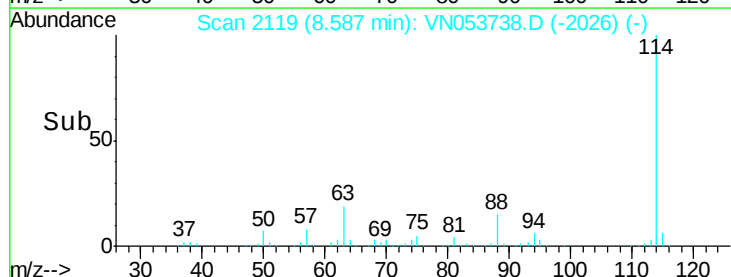
600000

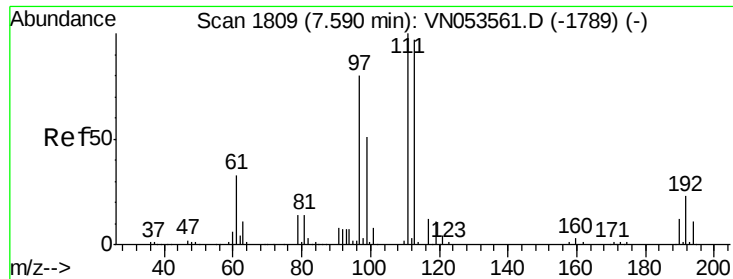
400000

200000

0

Time-->





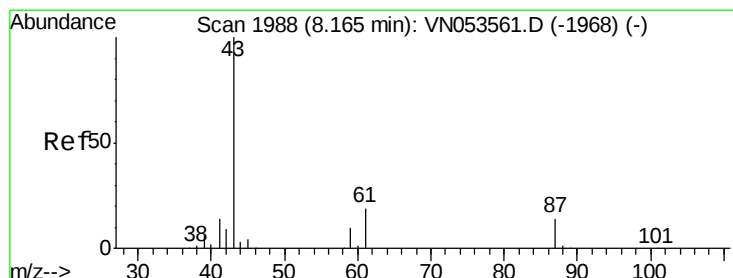
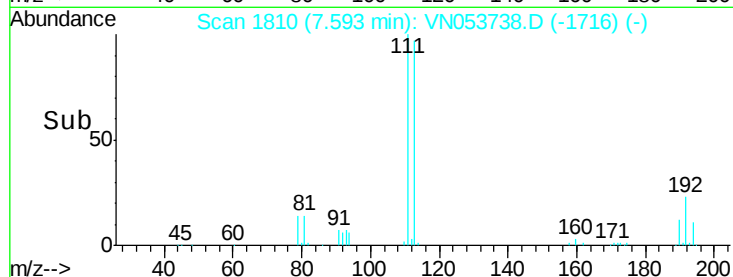
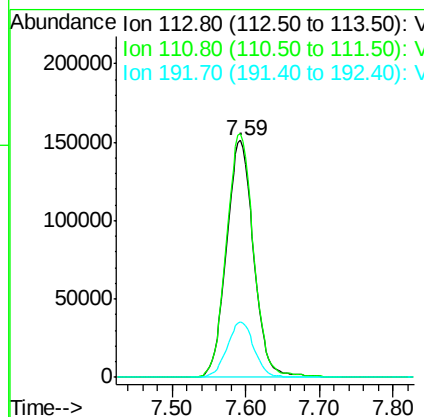
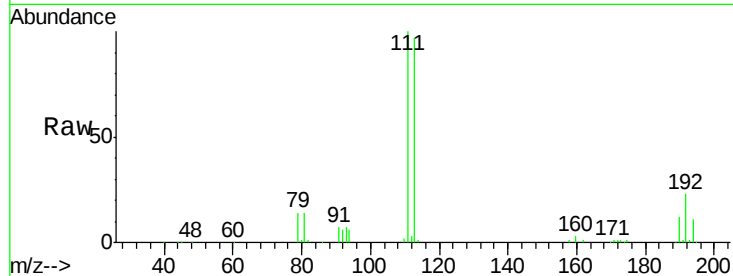
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Instrument :
MSVOA_N
ClientSampled :
TP-1-D

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.8	81.1	121.7	
192	23.3	18.2	27.2	

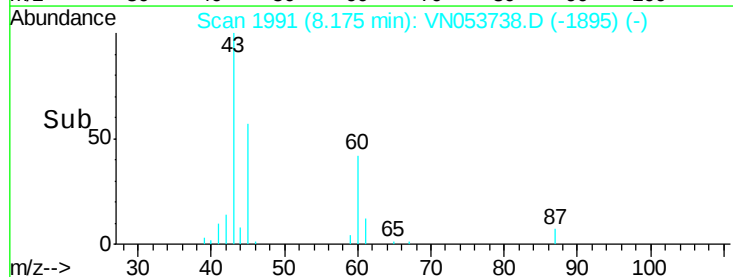
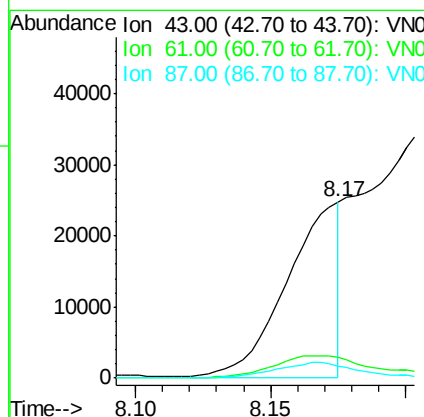
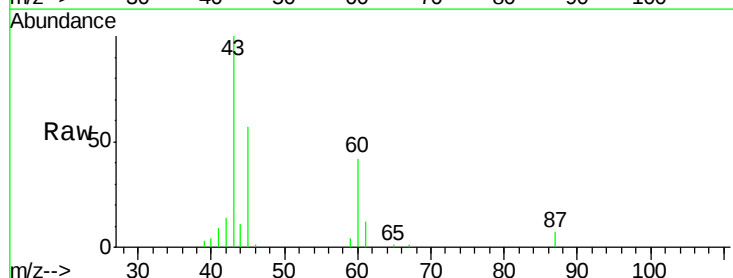
Manual Integrations
APPROVED

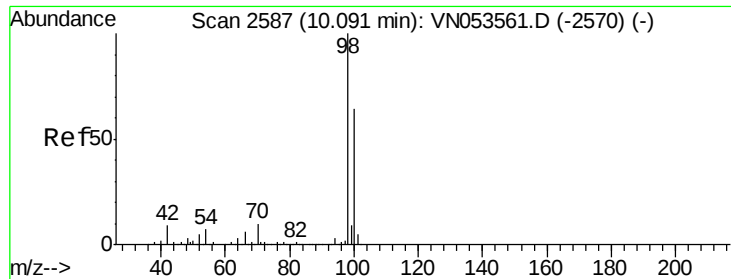
MMDadoda
2/13/2019 12:15:35 PM



#43
Isopropyl Acetate
Concen: 2.873 ug/l m
RT: 8.17 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

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





#50

Toluene-d8

Concen: 50.843 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053738.D

Acq: 12 Feb 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

Tot Ion: 98 Resp: 1474745

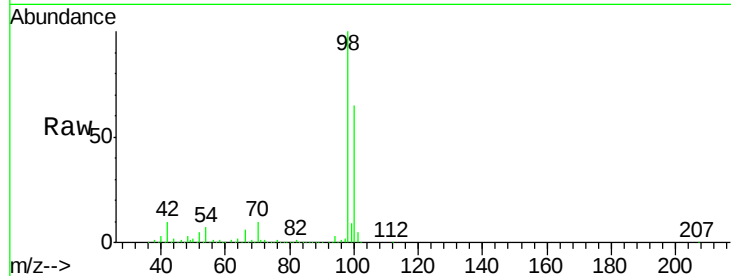
Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0

Manual Integrations
APPROVED

MMDadoda
2/13/2019 12:15:35 PM



Abundance Ion 98.00 (97.70 to 98.70): VN053738.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053738.D (-2494) (-)

10.09

800000

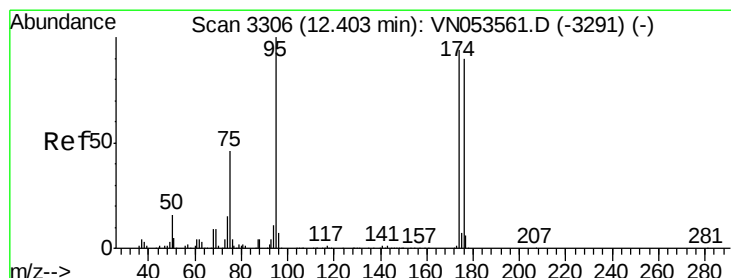
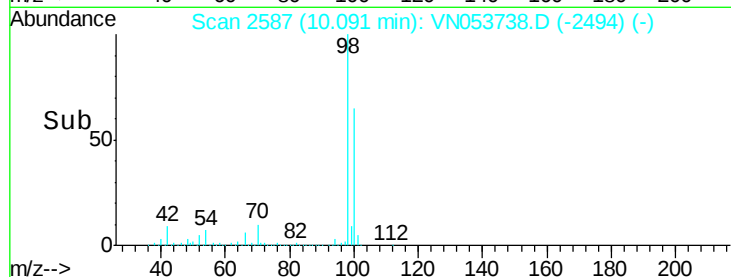
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.631 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053738.D

Acq: 12 Feb 2019 18:41

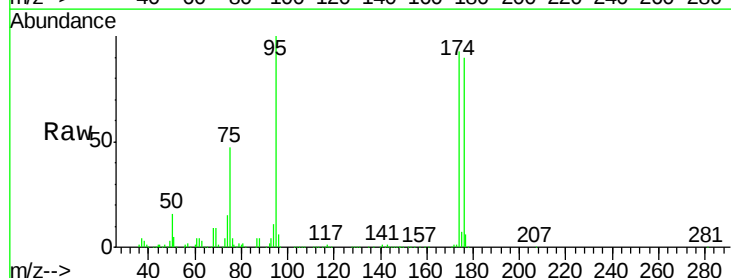
Tgt Ion: 95 Resp: 470457

Ion Ratio Lower Upper

95 100

174 93.8 0.0 183.2

176 90.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053738.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053738.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053738.D (-3213) (-)

12.40

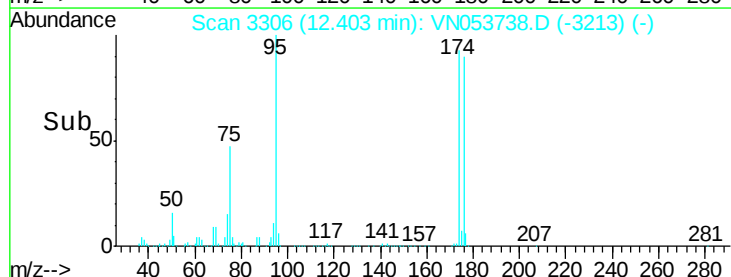
300000

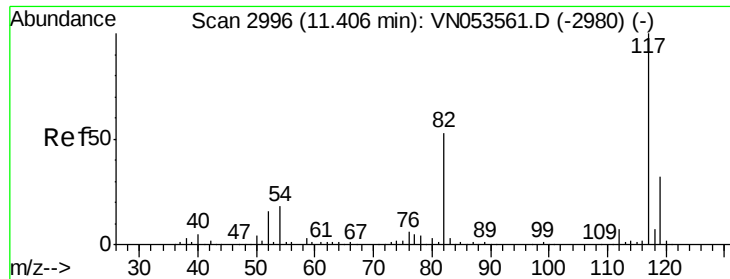
200000

100000

0

Time-->





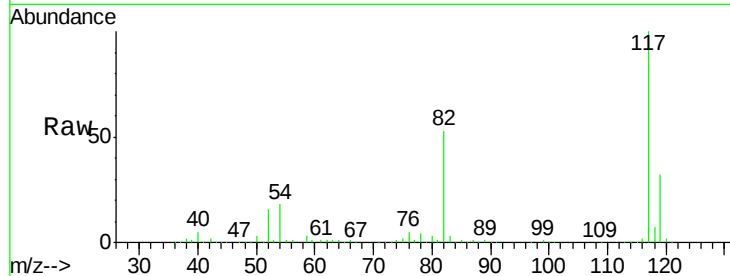
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Instrument :
MSVOA_N
ClientSampled :
TP-1-D

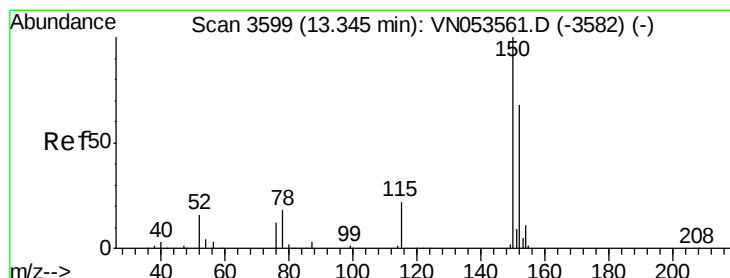
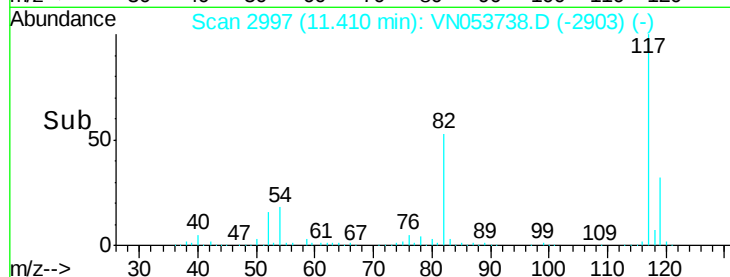
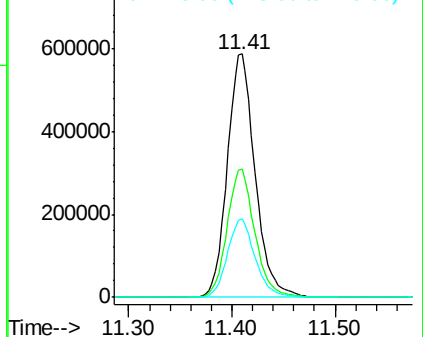
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.9	64.3
119	32.1	26.0	39.0

Manual Integrations
APPROVED

MMDadoda
2/13/2019 12:15:35 PM

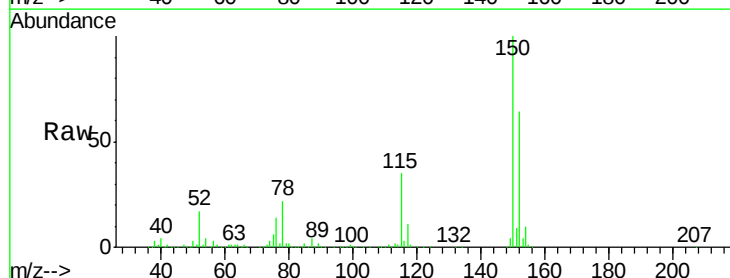


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

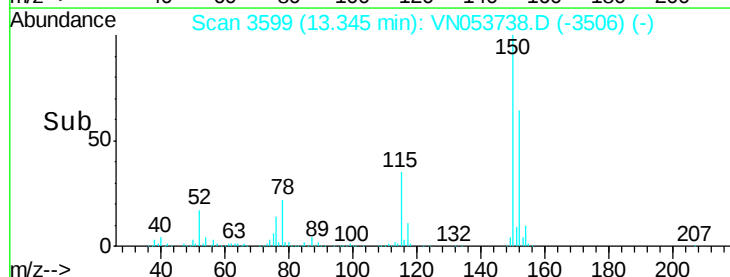
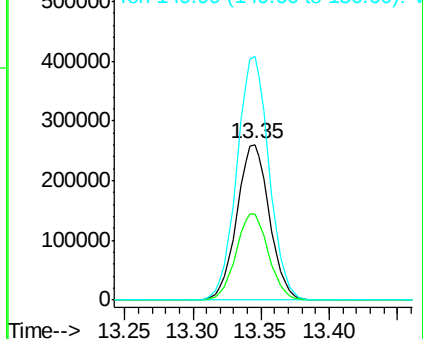


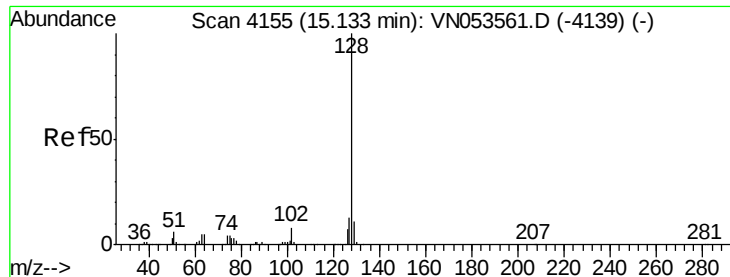
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.4
150	154.9	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: 11.830 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053738.D
Acq: 12 Feb 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.0	10.3	15.5
129	10.5	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/13/2019 12:15:35 PM

