

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053581.D
 Acq On : 1 Feb 2019 17:22
 Operator : JC/SP
 Sample : K1011-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-013119-A

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:49:33 AM

Quant Time: Feb 01 23:43:55 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	788910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1237523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1142933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	489674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397468	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	391449	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.09	98	1497752	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.40	95	506092	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
Target Compounds						
16) Acetone	3.82	43	23715	11.682	ug/l	95
20) Methylene Chloride	4.55	84	2216281	260.224	ug/l	99
25) 2-Butanone	6.84	43	9434m	3.258	ug/l	
43) Isopropyl Acetate	8.17	43	31136	2.588	ug/l #	84
52) Toluene	10.16	92	57015	2.793	ug/l	98
95) Naphthalene	15.13	128	45096	3.760	ug/l	99

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

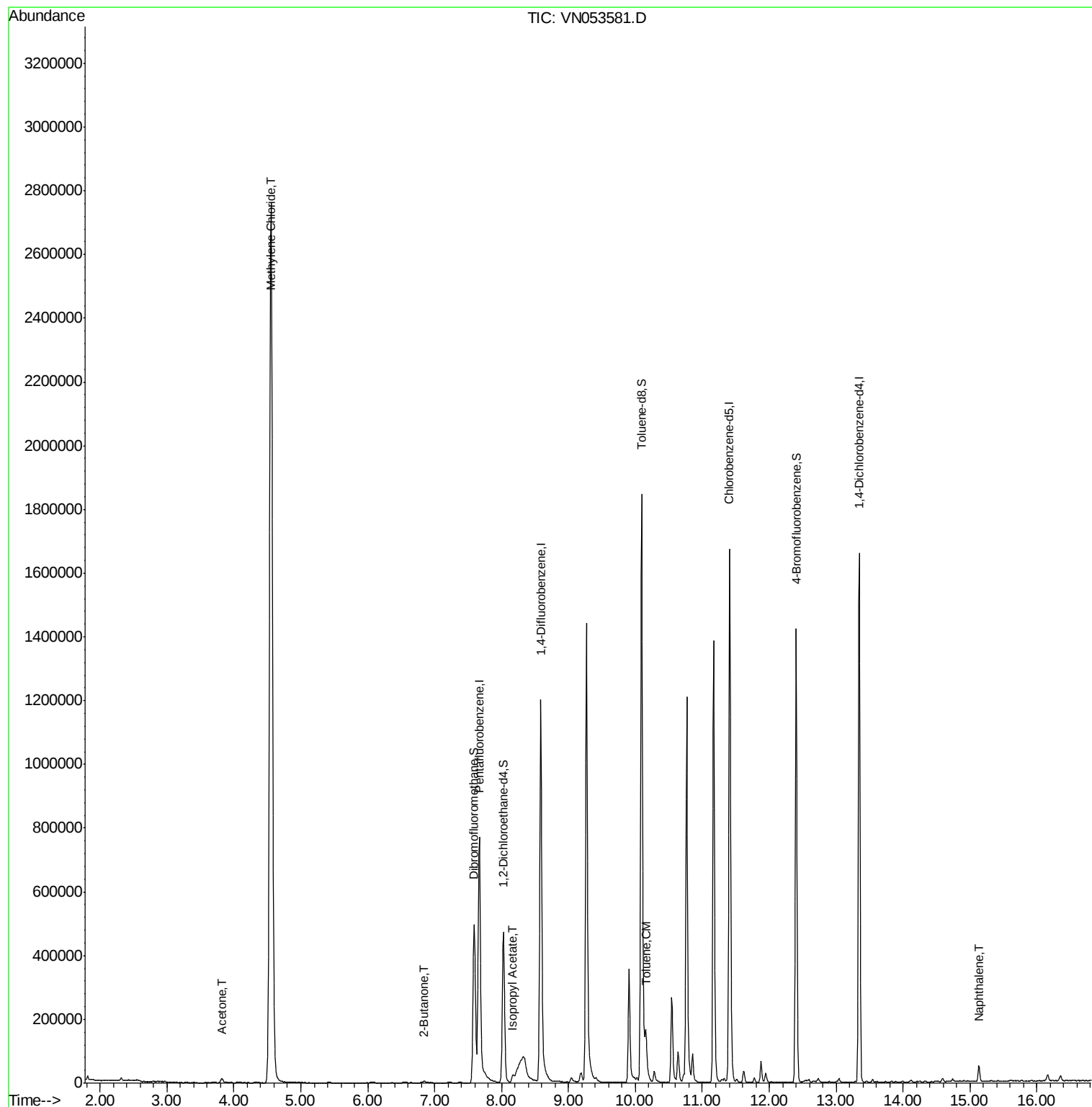
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
Data File : VN053581.D
Acq On : 1 Feb 2019 17:22
Operator : JC/SP
Sample : K1011-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

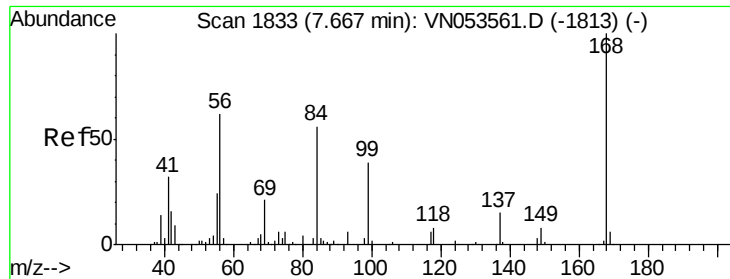
Instrument :
MSVOA_N
ClientSampleId :
OR-02-013119-A

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:49:33 AM

Quant Time: Feb 01 23:43:55 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: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

OR-02-013119-A

Tgt Ion:168 Resp: 788910

Ion Ratio Lower Upper

168 100

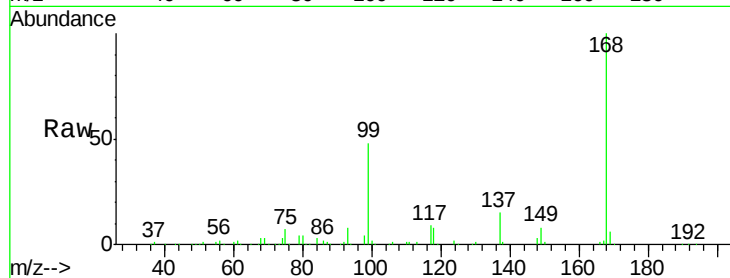
99 47.7 39.1 58.7

Manual Integrations

APPROVED

MMDadoda

2/4/2019 9:49:33 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

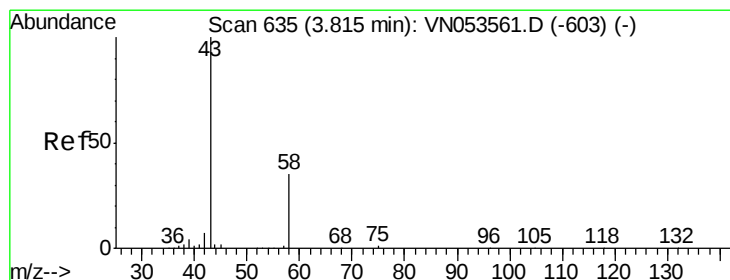
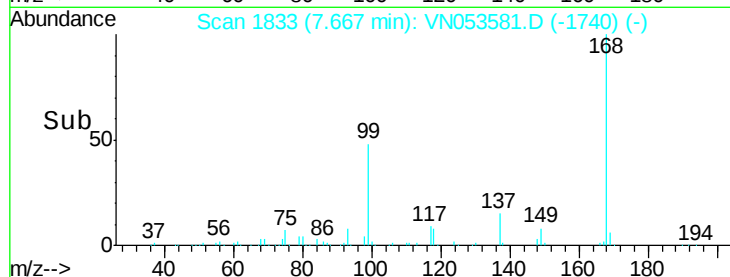
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.682 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053581.D

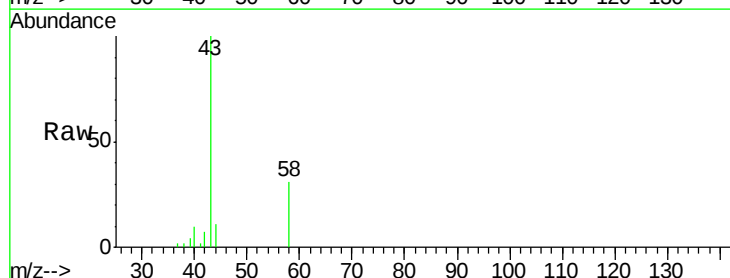
Acq: 1 Feb 2019 17:22

Tgt Ion: 43 Resp: 23715

Ion Ratio Lower Upper

43 100

58 30.8 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

10000

8000

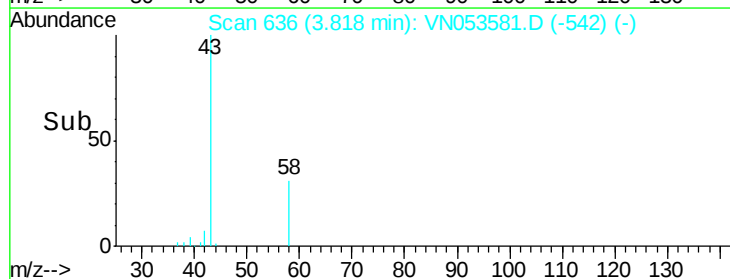
6000

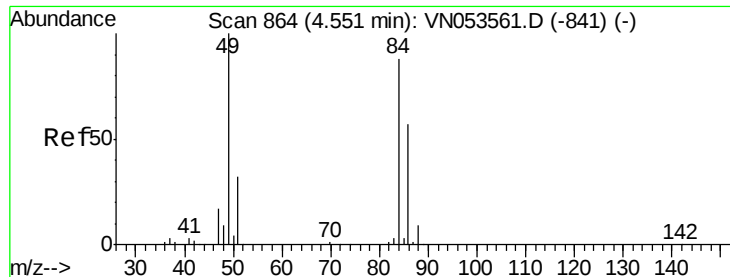
4000

2000

0

Time-->





#20
Methylene Chloride
Concen: 260.224 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

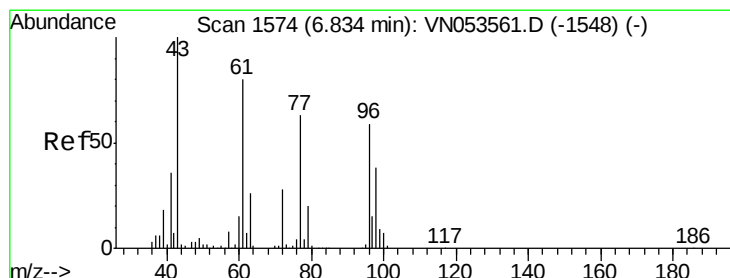
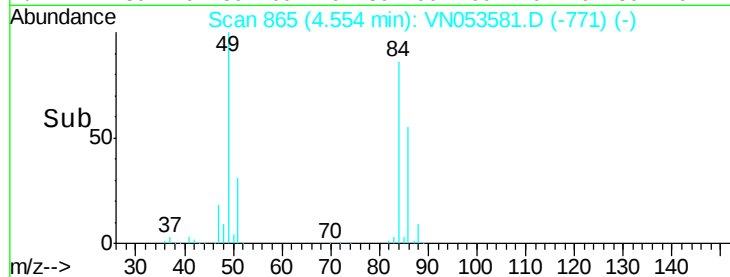
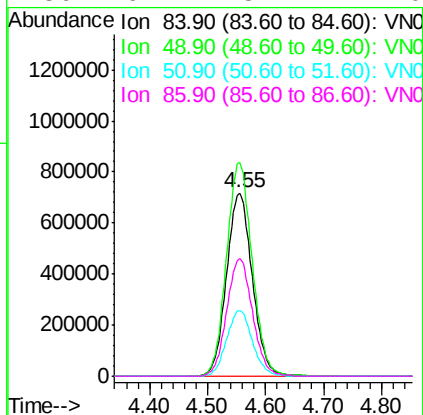
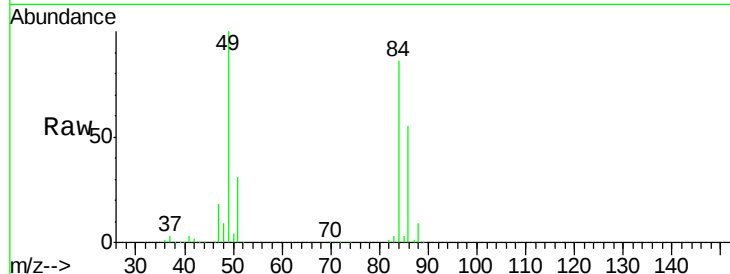
Instrument :
MSVOA_N
ClientSampleId :
OR-02-013119-A

Tgt Ion: 84 Resp: 2216281

Ion	Ratio	Lower	Upper
84	100		
49	116.6	94.3	141.5
51	36.0	29.4	44.2
86	64.1	51.4	77.0

Manual Integrations
APPROVED

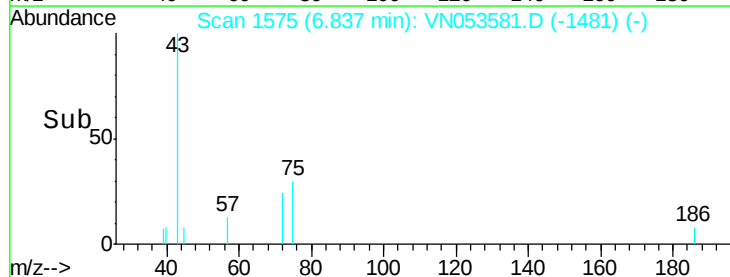
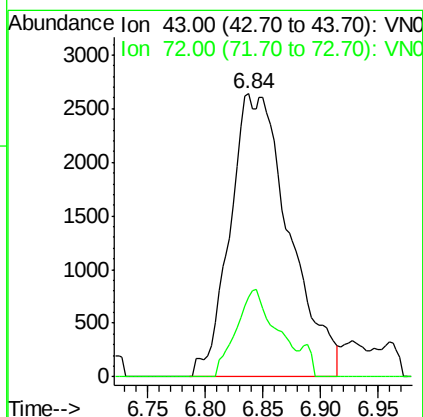
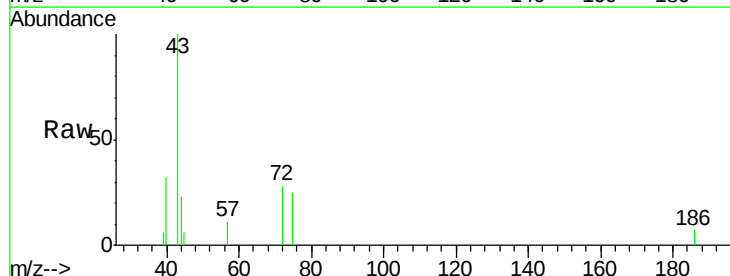
MMDadoda
2/4/2019 9:49:33 AM

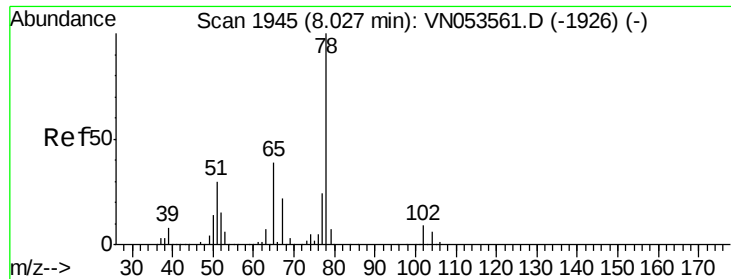


#25
2-Butanone
Concen: 3.258 ug/l m
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Tgt Ion: 43 Resp: 9434

Ion	Ratio	Lower	Upper
43	100		
72	28.4	22.0	33.0





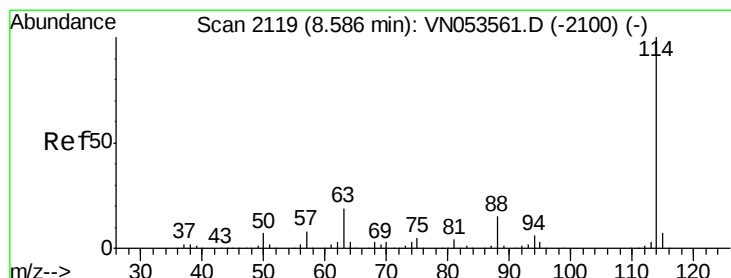
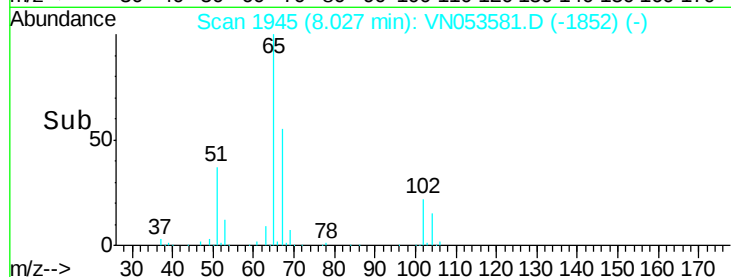
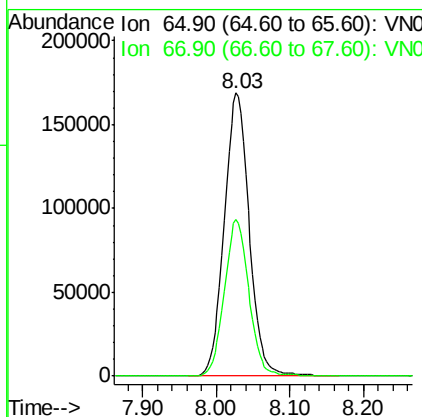
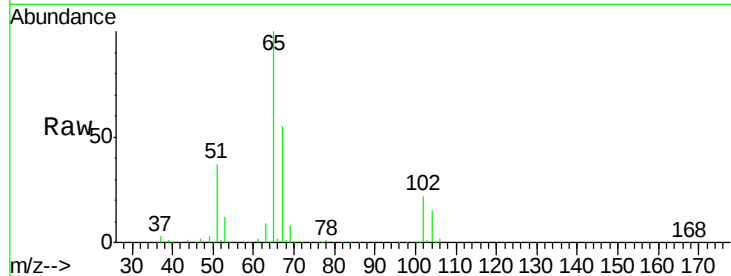
#33
 1,2-Dichloroethane-d4
 Concen: 50.222 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-013119-A

Tgt Ion: 65 Resp: 397468
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.2

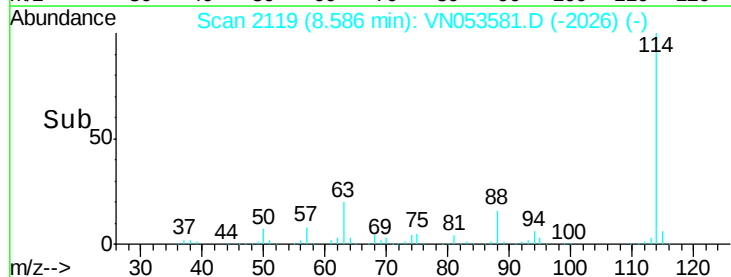
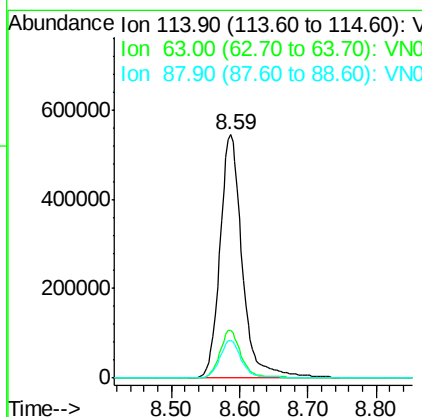
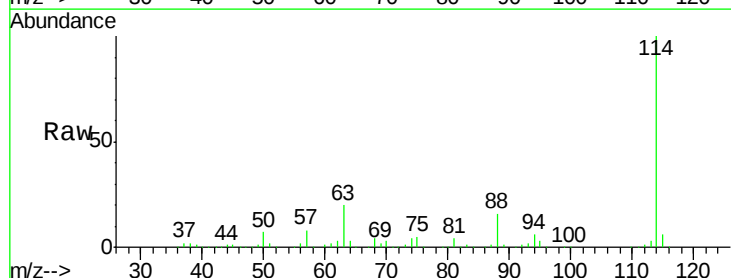
Manual Integrations
 APPROVED

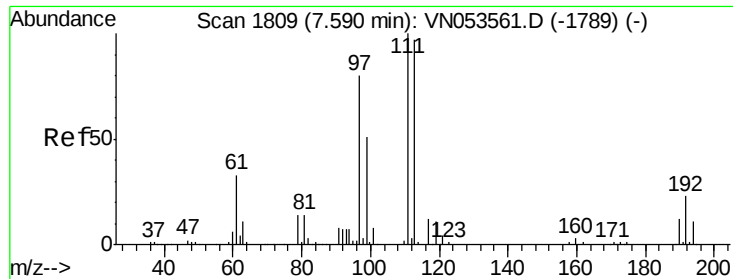
MMDadoda
 2/4/2019 9:49:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

Tgt Ion: 114 Resp: 1237523
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.6 0.0 30.4





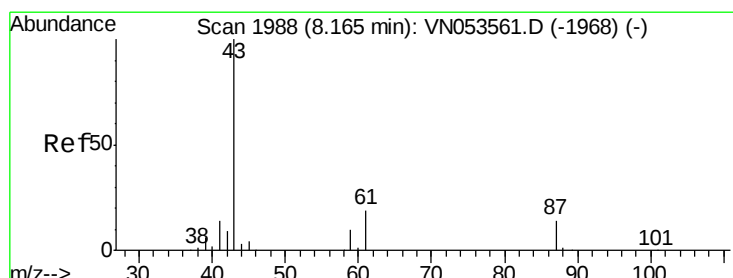
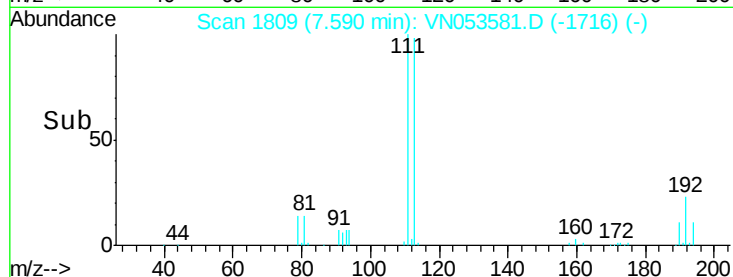
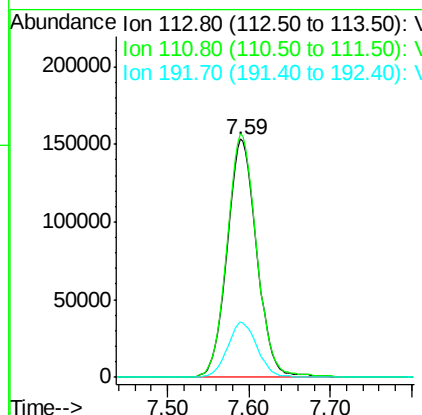
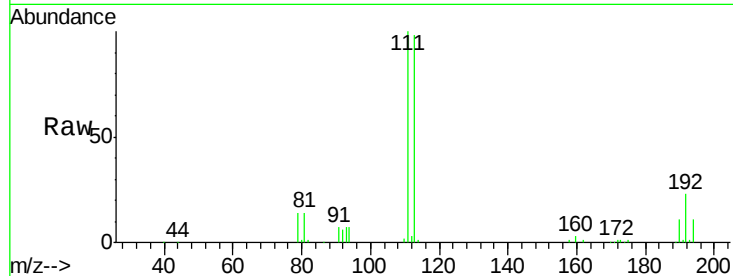
#35
 Dibromofluoromethane
 Concen: 50.060 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-013119-A

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	391449		
111	102.1	81.1	121.7	
192	23.1	18.2	27.2	

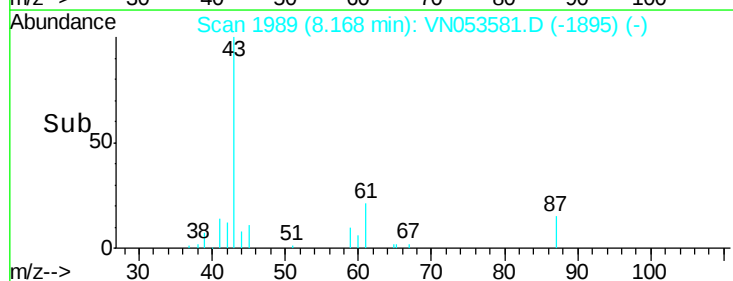
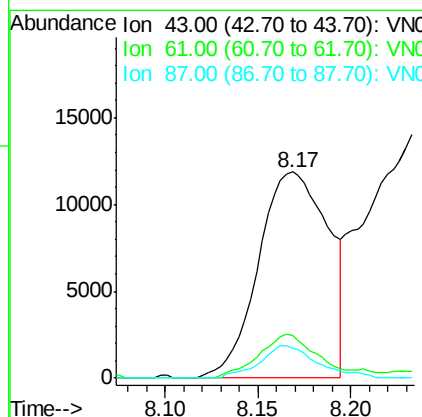
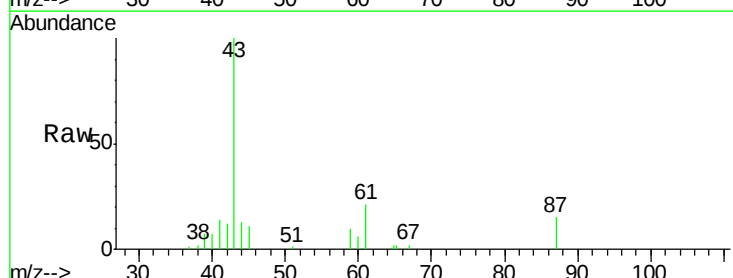
Manual Integrations
 APPROVED

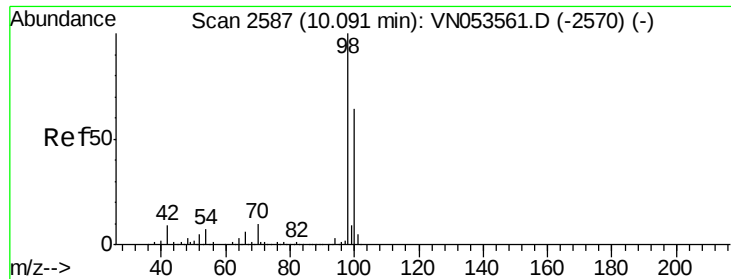
MMDadoda
 2/4/2019 9:49:33 AM



#43
 Isopropyl Acetate
 Concen: 2.588 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	31136		
61	17.5	23.9	35.9#	
87	13.0	11.0	16.6	





#50

Toluene-d8

Concen: 51.012 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

OR-02-013119-A

Tgt Ion: 98 Resp: 1497752

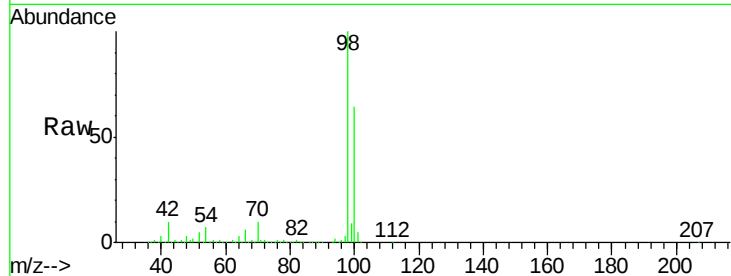
Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:49:33 AM



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)

10.09

800000

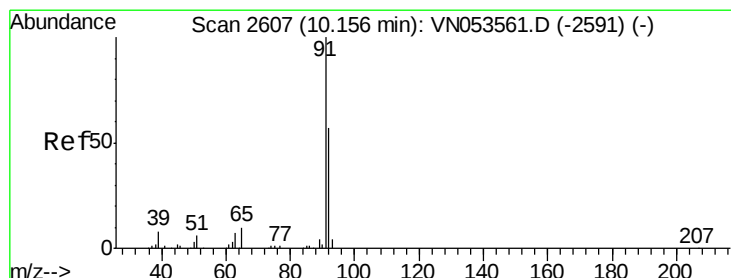
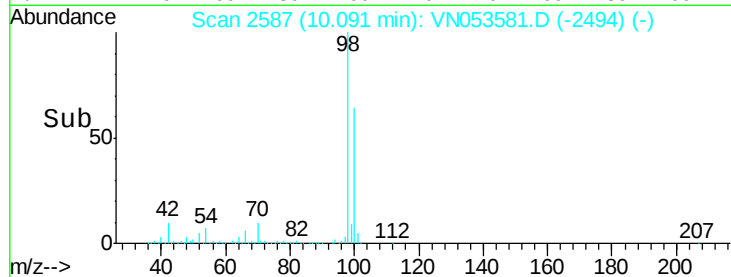
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 2.793 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN053581.D

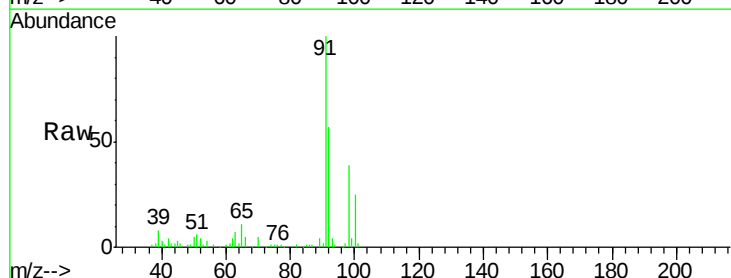
Acq: 1 Feb 2019 17:22

Tgt Ion: 92 Resp: 57015

Ion Ratio Lower Upper

92 100

91 177.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN053561.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN053561.D (-2591) (-)

10.16

50000

40000

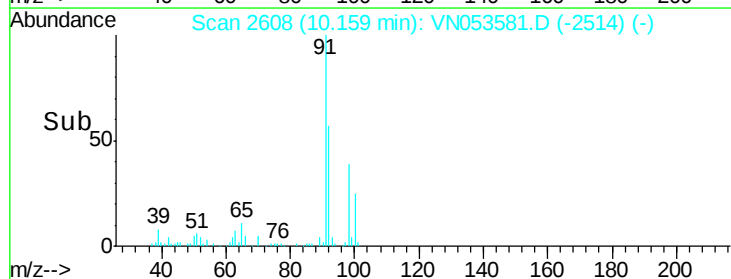
30000

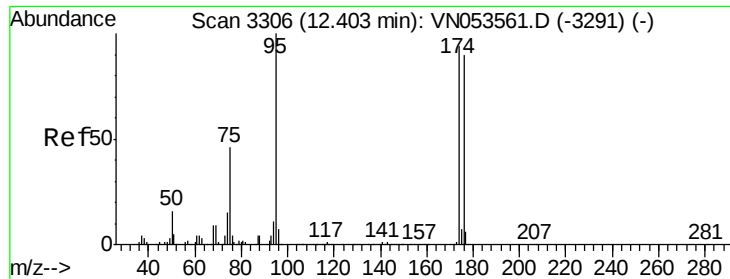
20000

10000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.682 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

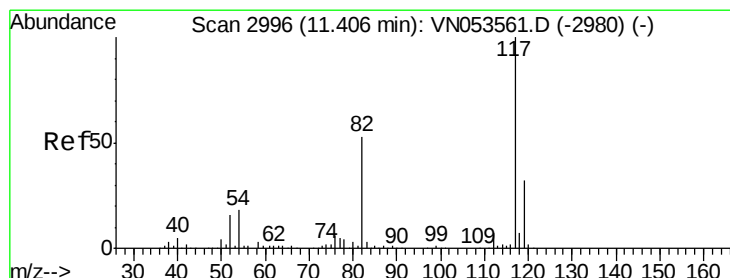
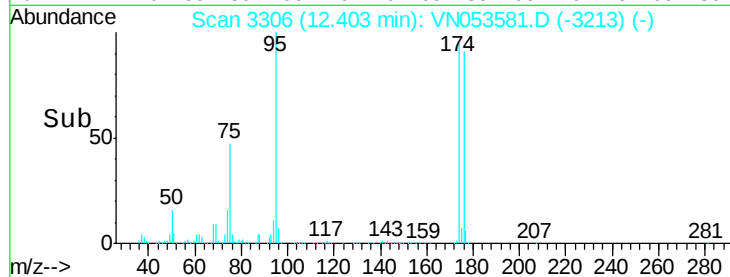
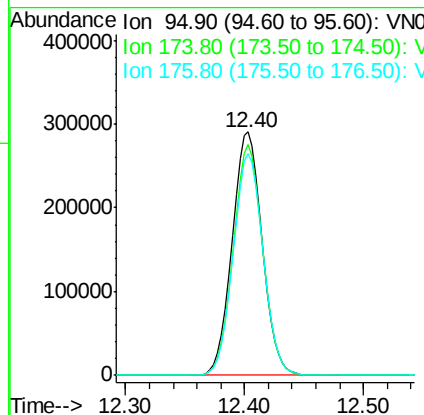
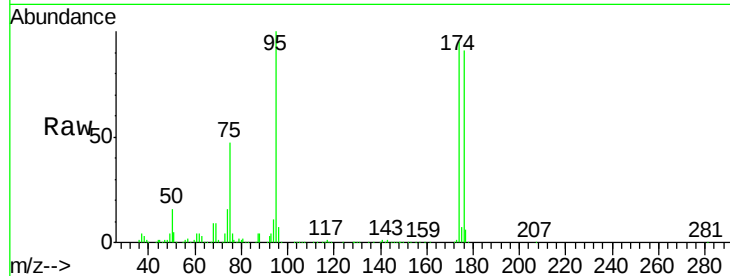
ClientSampleId :

OR-02-013119-A

Tgt Ion:	95	Resp:	506092
Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	183.2
176	90.8	0.0	177.4

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:49:33 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

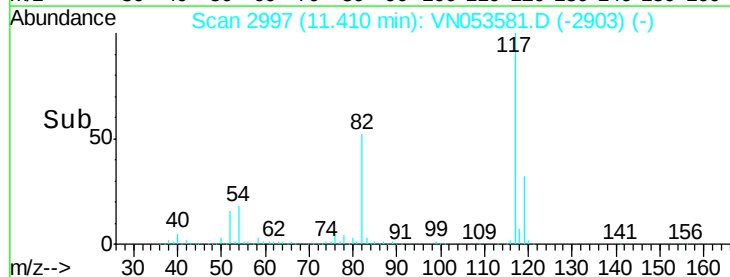
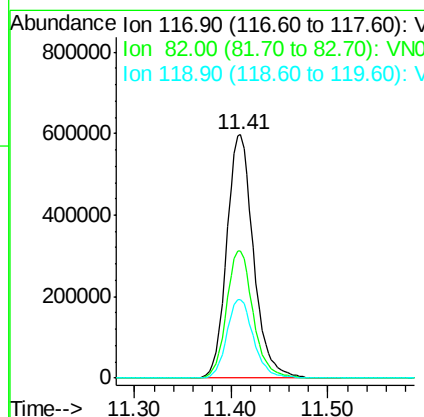
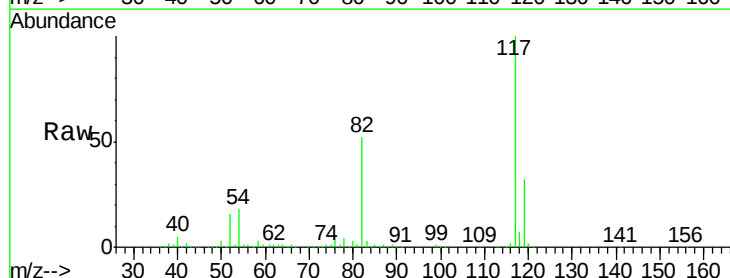
RT: 11.41 min Scan# 2997

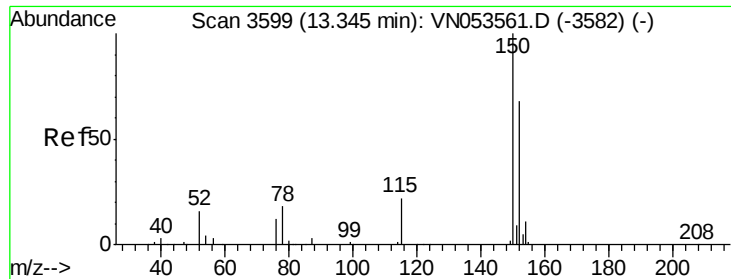
Delta R.T. 0.00 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Tgt Ion:	117	Resp:	1142933
Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.9	64.3
119	32.2	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

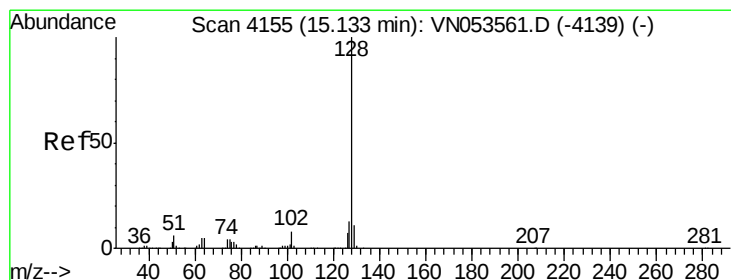
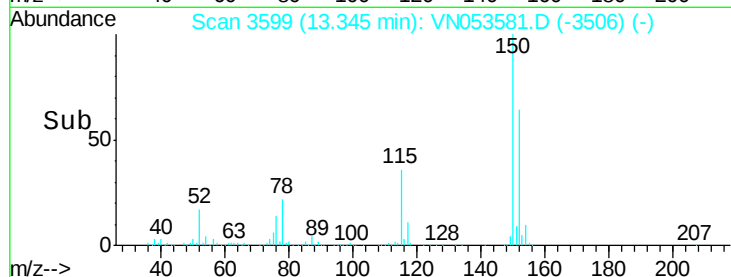
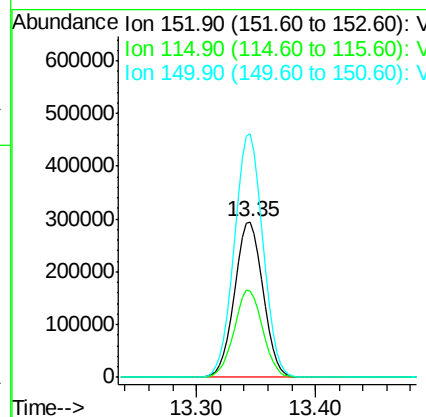
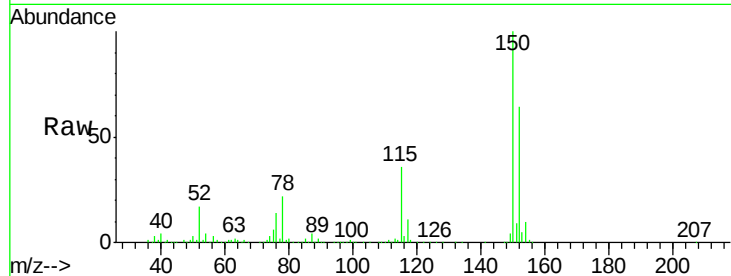
ClientSampleId :

OR-02-013119-A

Tgt Ion:	152	Resp:	489674
Ion Ratio	Lower	Upper	
152	100		
115	56.2	27.8	83.4
150	157.0	0.0	349.0

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:49:33 AM



#95

Naphthalene

Concen: 3.760 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Tgt Ion:	128	Resp:	45096
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.3	15.5
129	10.9	8.6	13.0

