

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051142.D
 Acq On : 12 Sep 2018 10:52
 Operator : MD\SY
 Sample : J4849-08DL 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 5:20:05 PM

Quant Time: Sep 13 08:15:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	953629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	817486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	378300	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
35) Dibromofluoromethane	7.59	113	368557	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
50) Toluene-d8	10.09	98	1332001	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.40	95	370698	41.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.42%	
Target Compounds						
73) Isopropylbenzene	12.25	105	75656	3.00	ug/l	98
78) n-propylbenzene	12.59	91	165111	5.95	ug/l	98
83) tert-Butylbenzene	12.99	119	9879	0.55	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	968289	48.28	ug/l	100
85) sec-Butylbenzene	13.17	105	54556	2.36	ug/l	79
86) p-Isopropyltoluene	13.29	119	7392m	0.38	ug/l	
89) n-Butylbenzene	13.62	91	14356	0.94	ug/l #	70

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

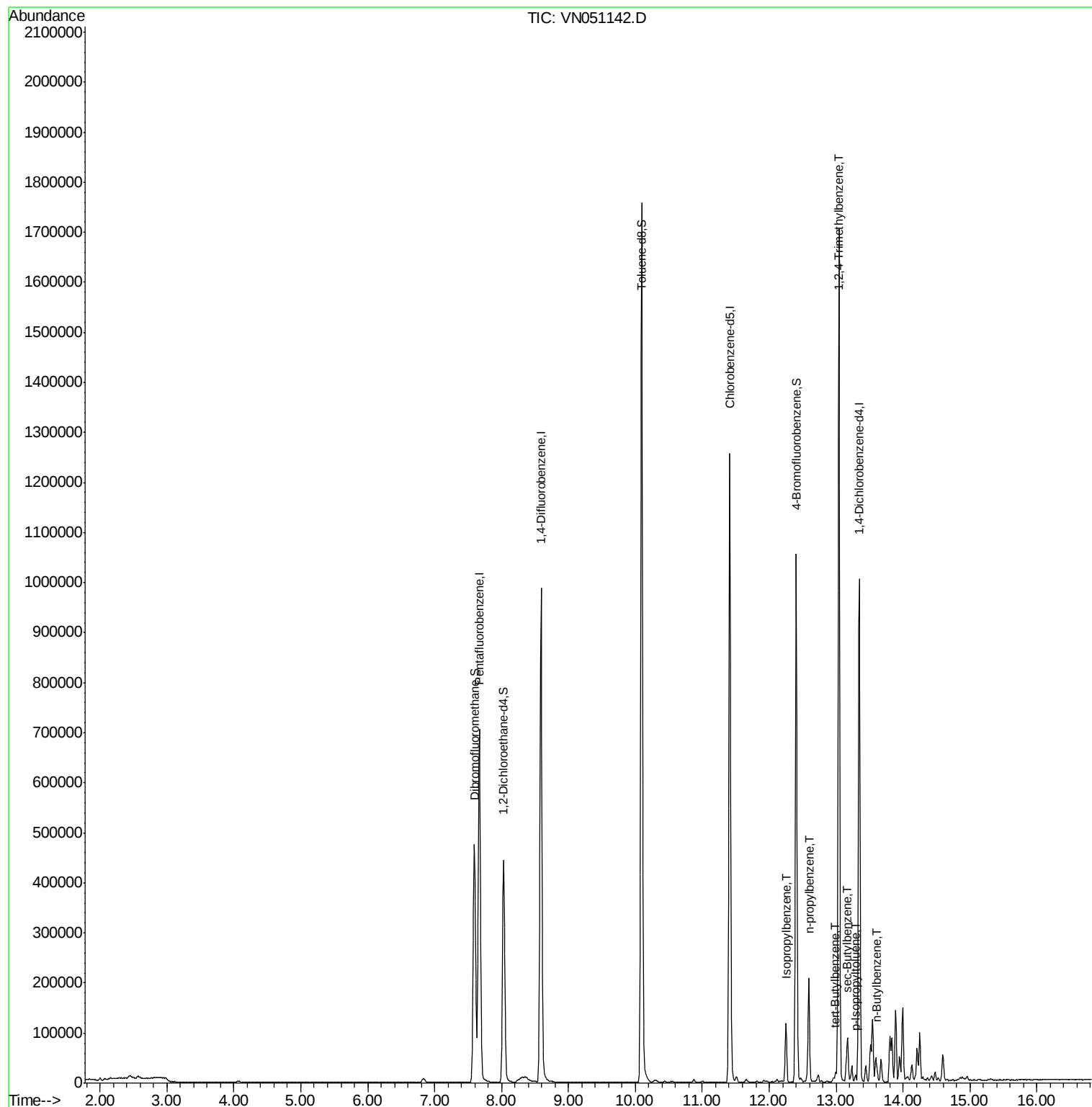
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091218\
Data File : VN051142.D
Acq On : 12 Sep 2018 10:52
Operator : MD\SY
Sample : J4849-08DL 25X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

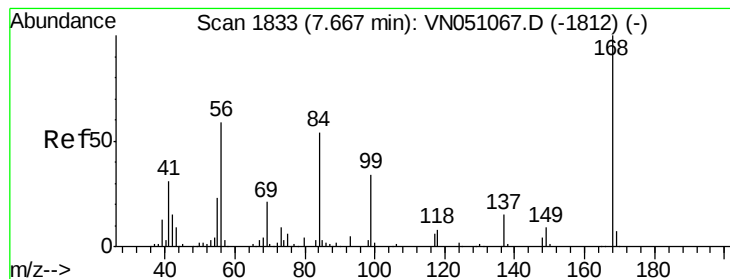
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDL

Manual Integrations
APPROVED

MMDadoda
9/13/2018 5:20:05 PM

Quant Time: Sep 13 08:15:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051142.D

Acq: 12 Sep 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDL

Tot Ion:168 Resp: 629986

Ion Ratio Lower Upper

168 100

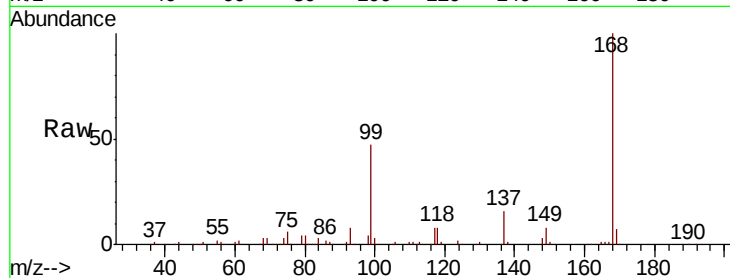
99 47.4 38.3 57.5

Manual Integrations

APPROVED

MMDadoda

9/13/2018 5:20:05 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

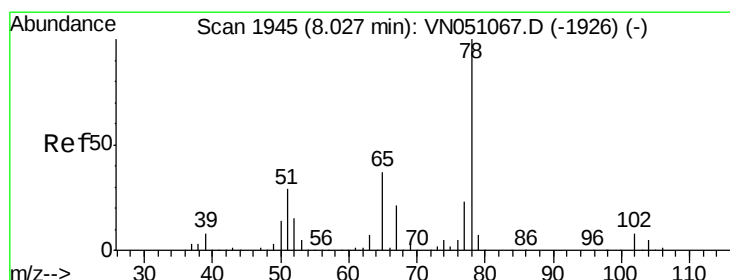
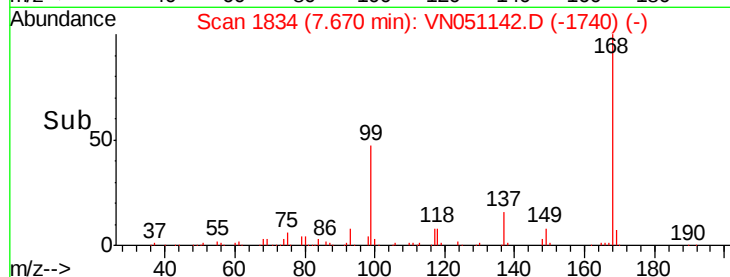
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.96 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051142.D

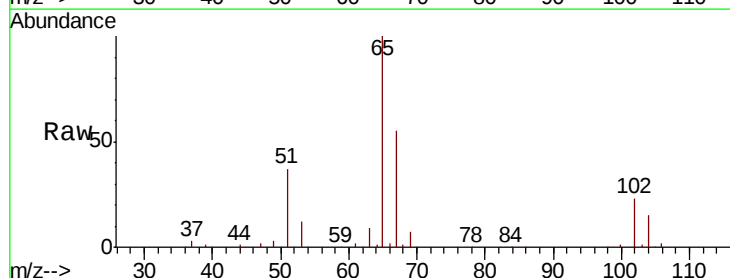
Acq: 12 Sep 2018 10:52

Tgt Ion: 65 Resp: 378300

Ion Ratio Lower Upper

65 100

67 55.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

150000

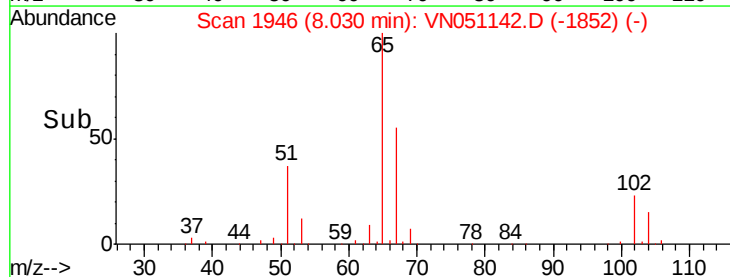
100000

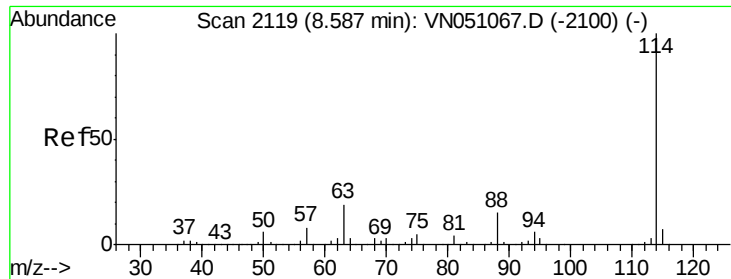
50000

0

7.90 8.00 8.10

Time-->





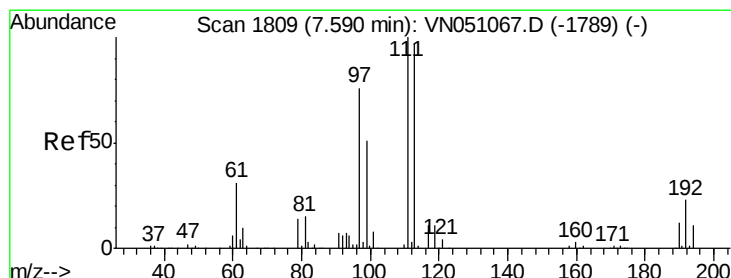
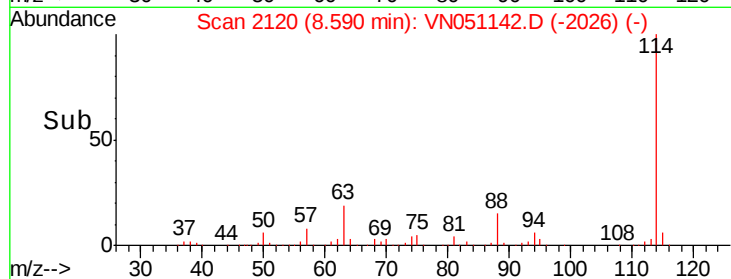
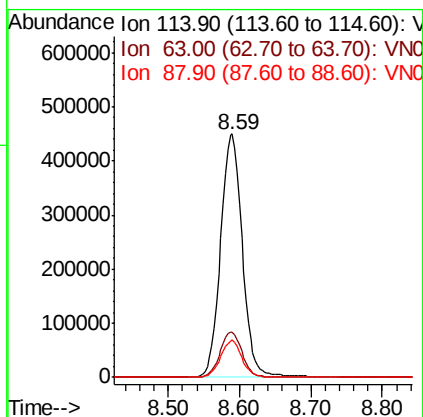
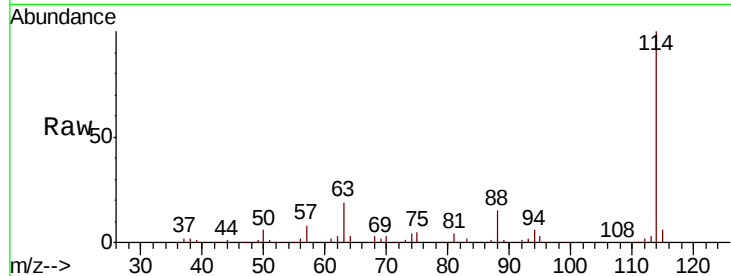
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051142.D
 Acq: 12 Sep 2018 10:52

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	953629		
63	18.8	0.0	37.8	
88	15.2	0.0	30.8	

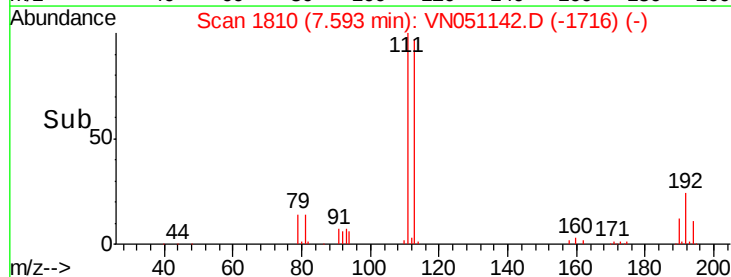
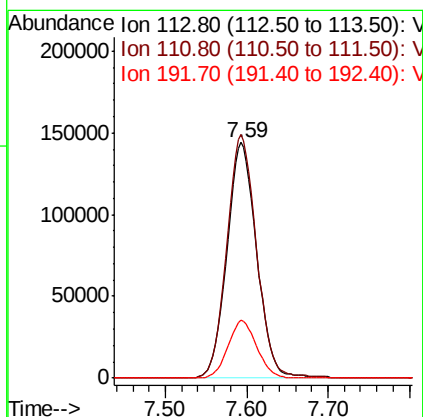
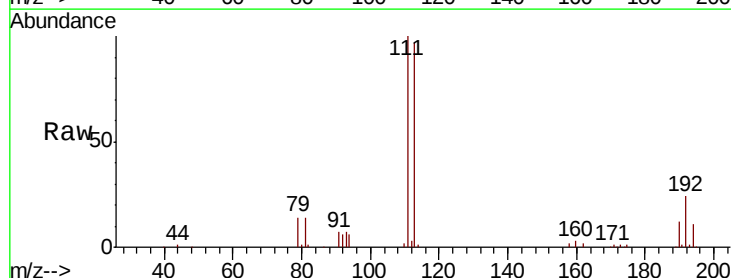
Manual Integrations
 APPROVED

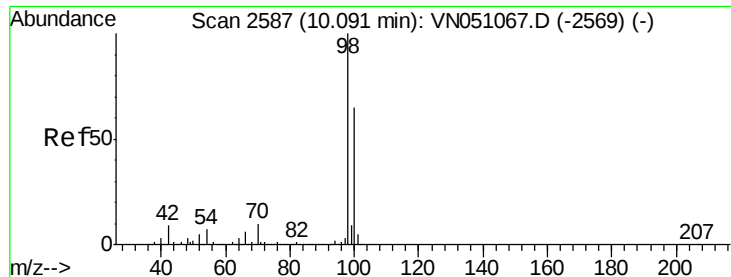
MMDadoda
 9/13/2018 5:20:05 PM



#35
 Dibromofluoromethane
 Concen: 51.43 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051142.D
 Acq: 12 Sep 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	368557		
111	102.5	83.0	124.6	
192	23.8	18.7	28.1	





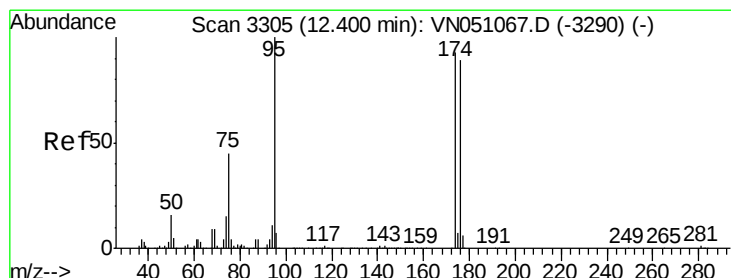
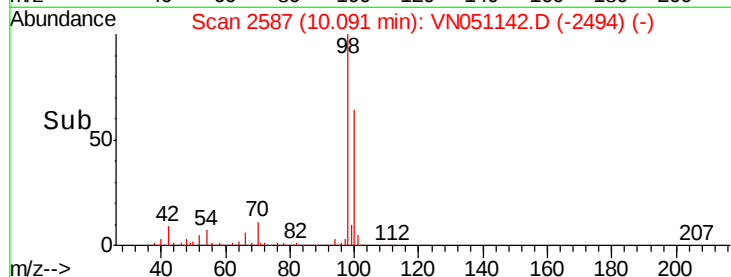
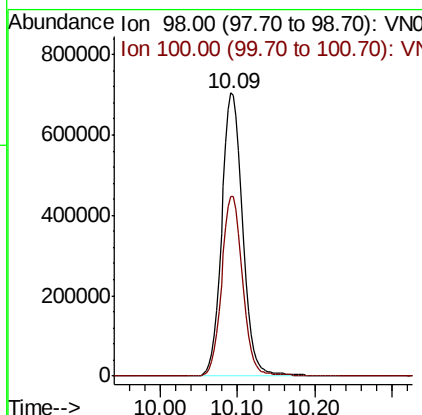
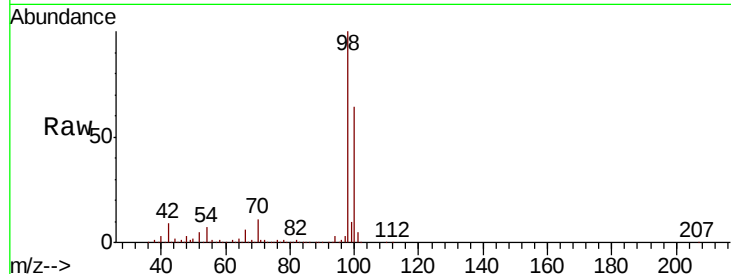
#50
Toluene-d8
Concen: 48.99 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051142.D
Acq: 12 Sep 2018 10:52

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDL

Tot Ion: 98 Resp: 1332001
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

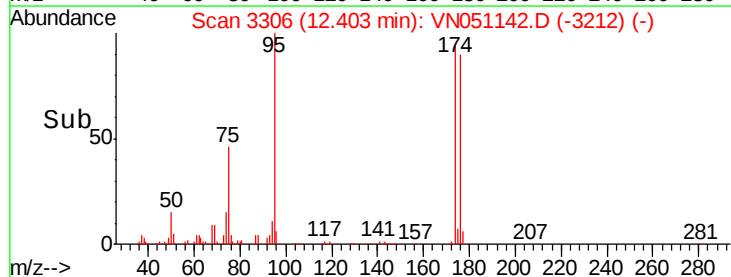
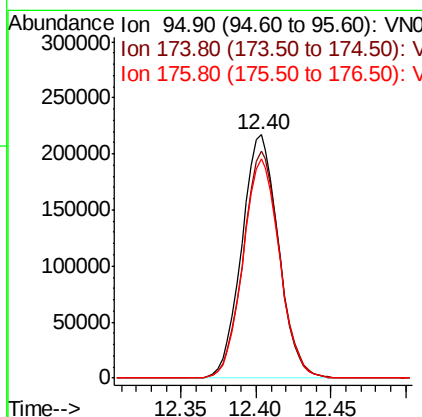
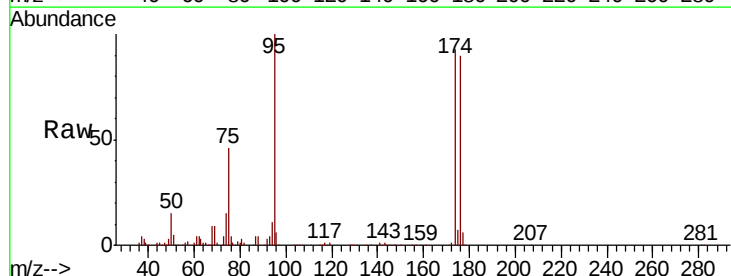
Manual Integrations
APPROVED

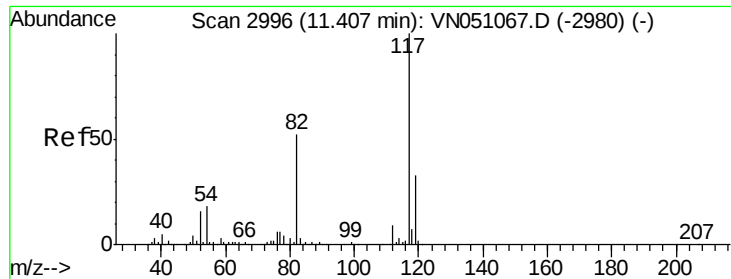
MMDadoda
9/13/2018 5:20:05 PM



#62
4-Bromofluorobenzene
Concen: 41.21 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051142.D
Acq: 12 Sep 2018 10:52

Tgt Ion: 95 Resp: 370698
Ion Ratio Lower Upper
95 100
174 92.4 0.0 184.8
176 89.8 0.0 178.6





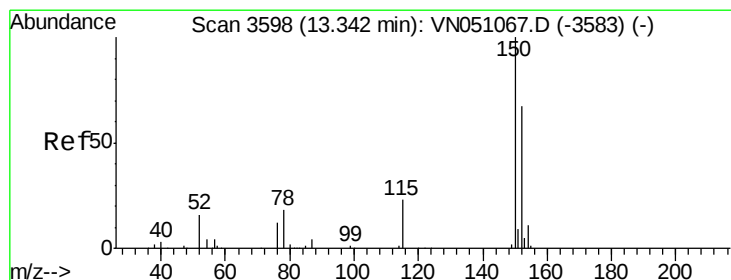
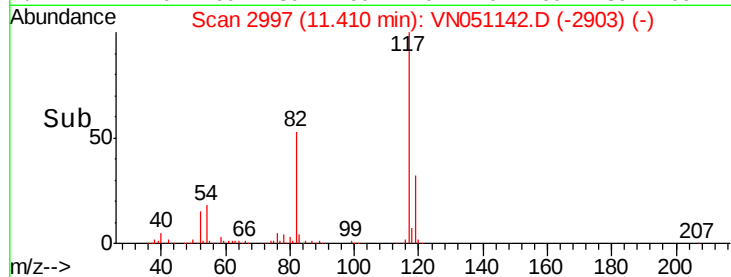
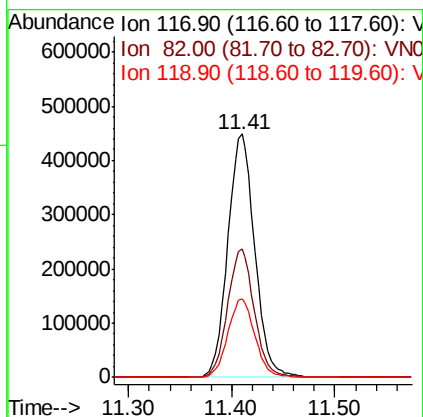
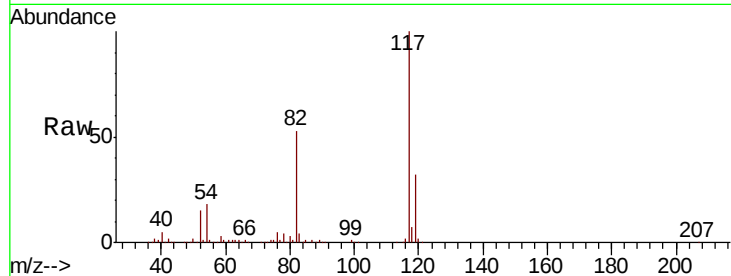
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051142.D
Acq: 12 Sep 2018 10:52

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	817486		
82	52.6		41.8	62.6
119	32.5		26.2	39.2

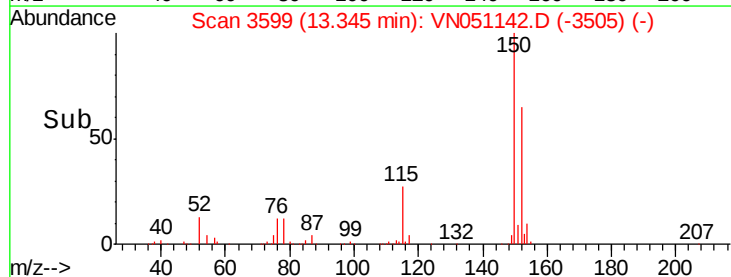
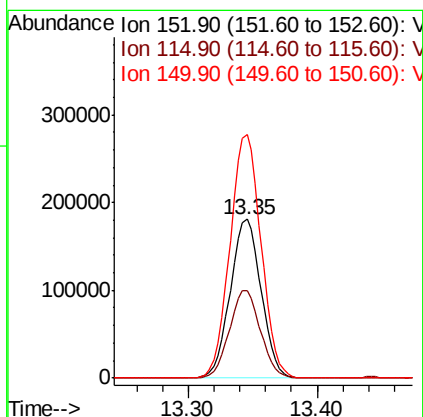
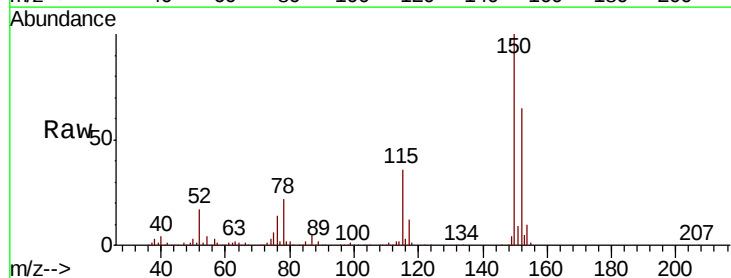
Manual Integrations
APPROVED

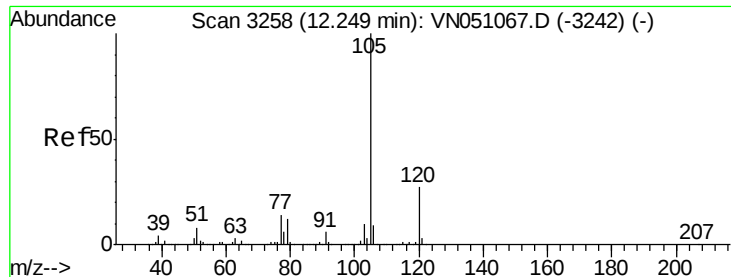
MMDadoda
9/13/2018 5:20:05 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051142.D
Acq: 12 Sep 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	300858		
115	55.2		28.2	84.7
150	154.1		0.0	349.0





#73

Isopropylbenzene

Concen: 3.00 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051142.D

Acq: 12 Sep 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDL

Tot Ion: 105 Resp: 75656

Ion Ratio Lower Upper

105 100

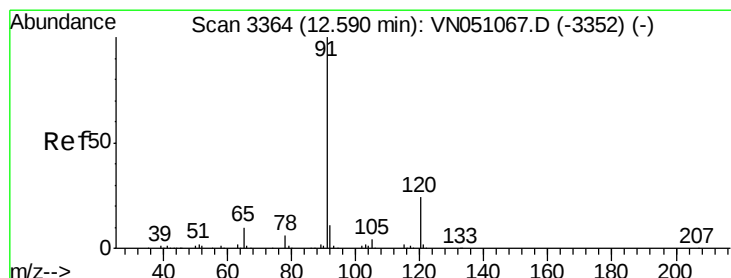
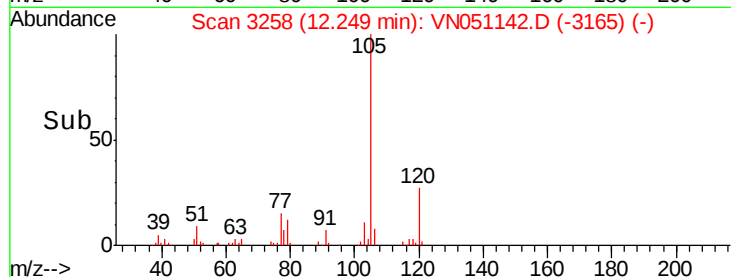
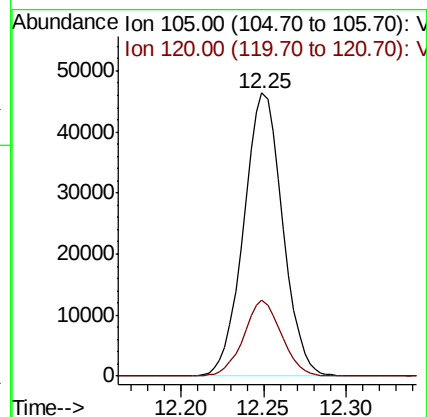
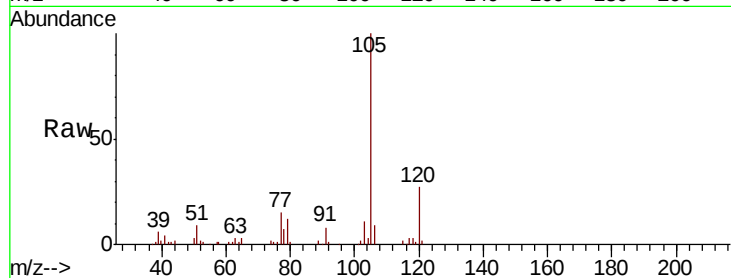
120 25.9 13.6 40.7

Manual Integrations

APPROVED

MMDadoda

9/13/2018 5:20:05 PM



#78

n-propylbenzene

Concen: 5.95 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051142.D

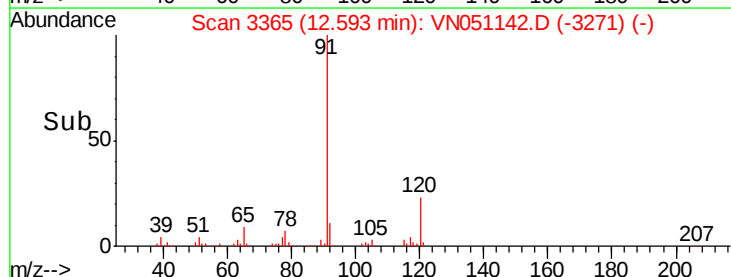
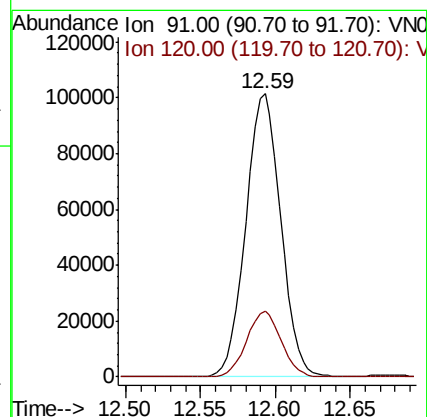
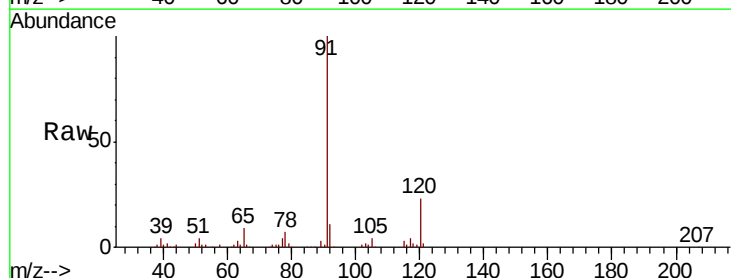
Acq: 12 Sep 2018 10:52

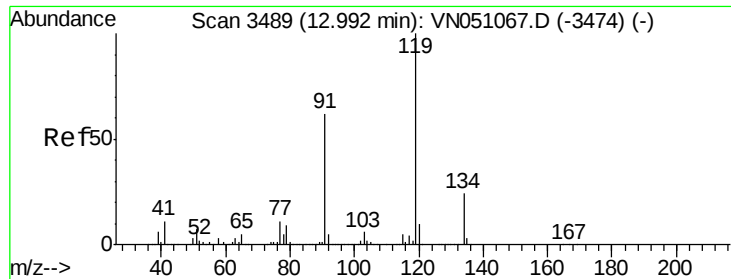
Tgt Ion: 91 Resp: 165111

Ion Ratio Lower Upper

91 100

120 22.8 12.0 36.0





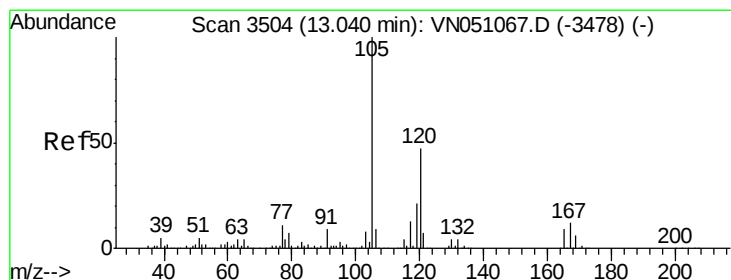
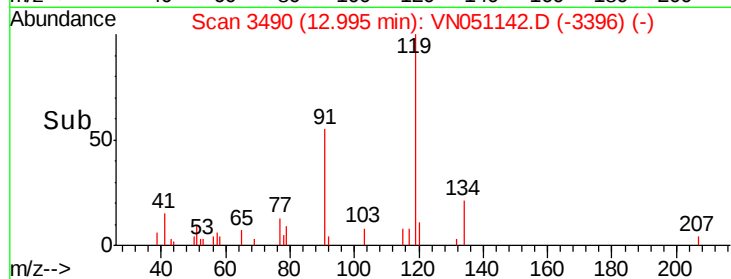
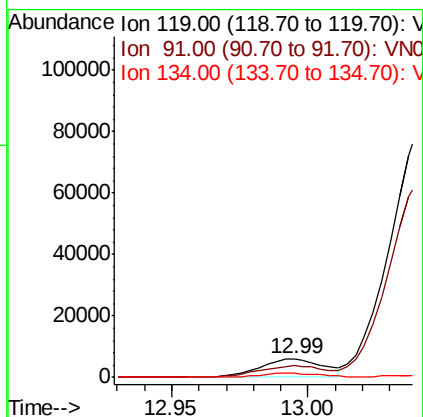
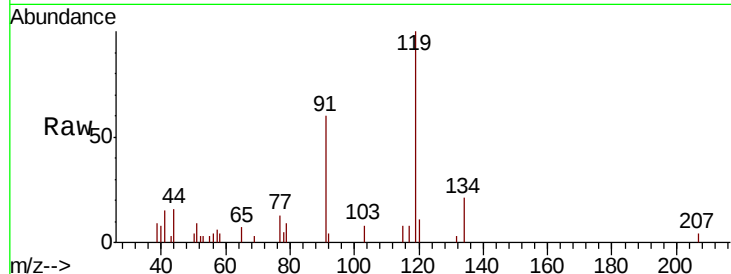
#83
 tert-Butylbenzene
 Concen: 0.55 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051142.D
 Acq: 12 Sep 2018 10:52

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-FDL

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	30.8	92.3
134	23.1	13.2	39.6

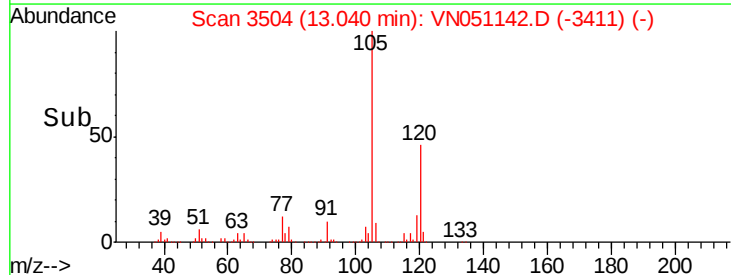
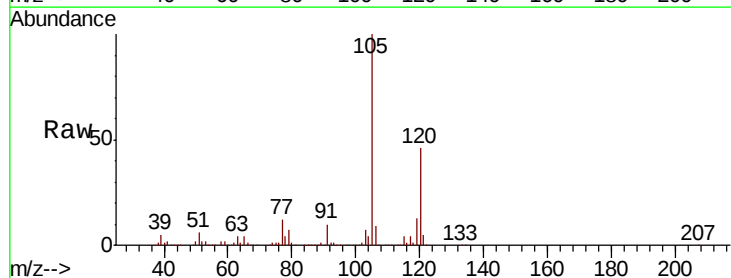
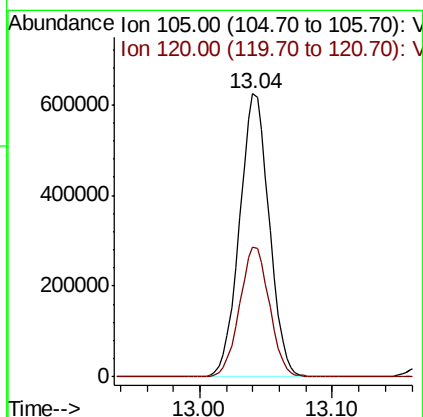
Manual Integrations
 APPROVED

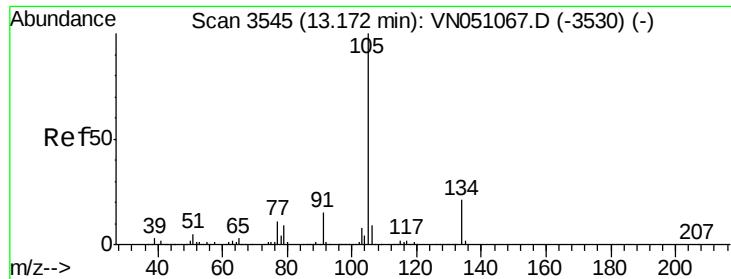
MMDadoda
 9/13/2018 5:20:05 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.28 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051142.D
 Acq: 12 Sep 2018 10:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.3	69.8





#85

sec-Butylbenzene

Concen: 2.36 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051142.D

Acq: 12 Sep 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDL

Tot Ion:105 Resp: 54556

Ion Ratio Lower Upper

105 100

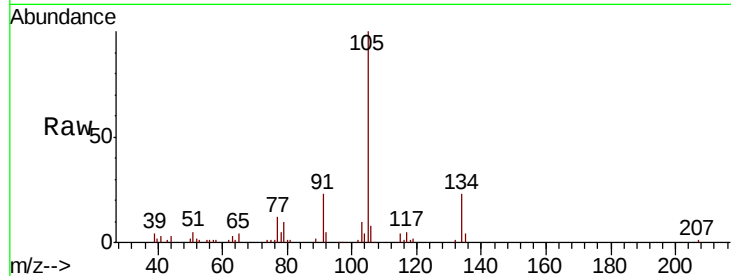
134 30.6 10.4 31.4

Manual Integrations

APPROVED

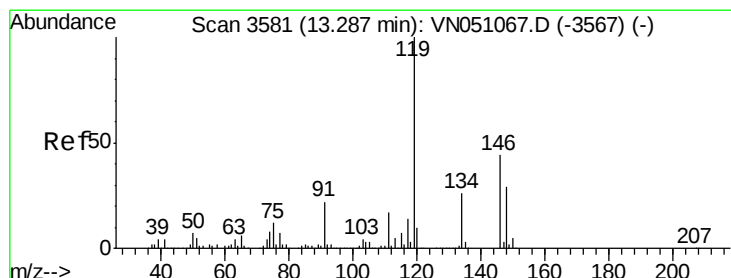
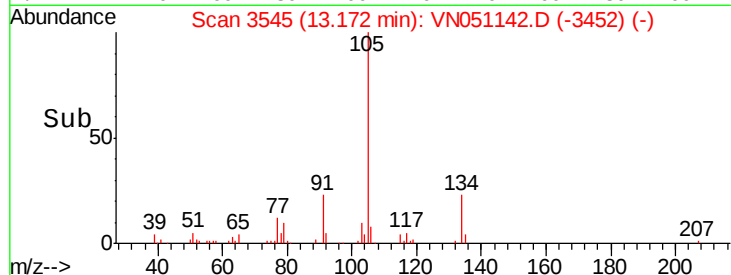
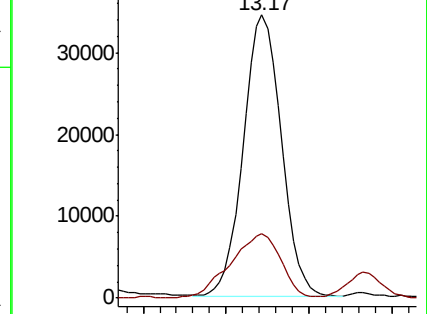
MMDadoda

9/13/2018 5:20:05 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.38 ug/l m

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051142.D

Acq: 12 Sep 2018 10:52

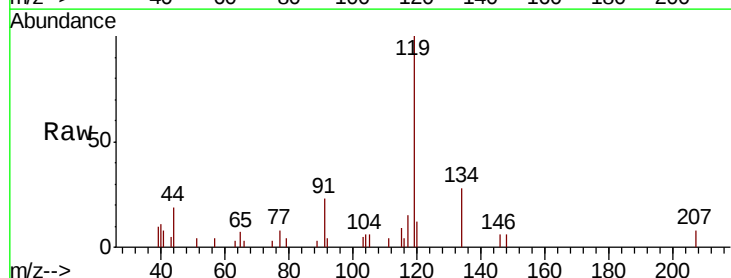
Tgt Ion:119 Resp: 7392

Ion Ratio Lower Upper

119 100

134 63.8 13.5 40.4#

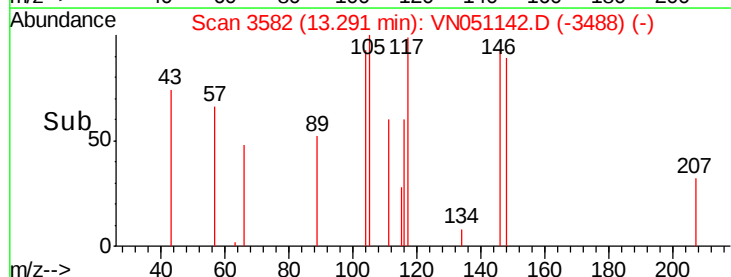
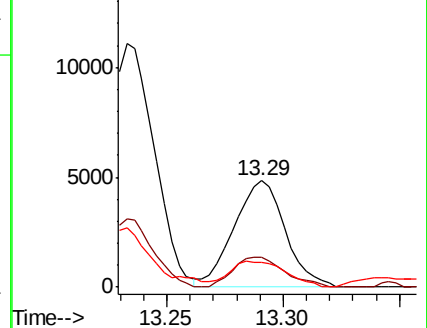
91 53.1 10.9 32.9#

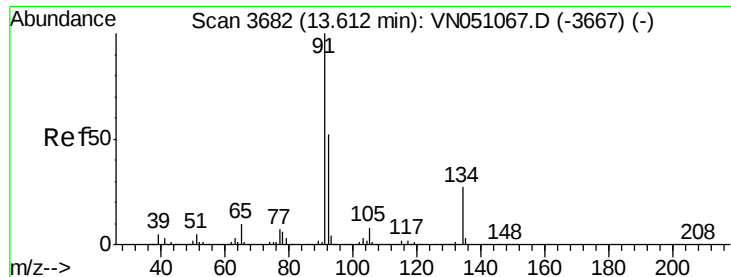


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89
n-Butylbenzene
Concen: 0.94 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051142.D
Acq: 12 Sep 2018 10:52

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	39.9	26.2	78.6
134	0.0	13.7	41.1#

Manual Integrations
APPROVED

MMDadoda
9/13/2018 5:20:05 PM

