

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053680.D
 Acq On : 8 Feb 2019 14:37
 Operator : JC/SP
 Sample : K1409-02ME 10X
 Misc : 6.22g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-08(14-17)ME

Manual Integrations
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MMDadoda
 2/11/2019 9:50:07 AM

Quant Time: Feb 09 03:18:15 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	905432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1400890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1308187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	619319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	425605	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	7.59	113	421246	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	10.09	98	1727148	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	607309	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	685655	44.617	ug/l #	77
39) Methylcyclohexane	9.08	83	856666	57.180	ug/l	99
52) Toluene	10.16	92	415510	17.978	ug/l	100
67) Ethyl Benzene	11.51	91	2854307	62.531	ug/l	100
68) m/p-Xylenes	11.62	106	2749439	157.820	ug/l	99
69) o-Xylene	11.95	106	777596	46.201	ug/l	99
73) Isopropylbenzene	12.25	105	335589	7.708	ug/l	100
78) n-propylbenzene	12.59	91	1356181	26.946	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1354433	37.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4660474	126.704	ug/l	99
85) sec-Butylbenzene	13.17	105	138027m	3.179	ug/l	
86) p-Isopropyltoluene	13.29	119	73262	1.929	ug/l	100
89) n-Butylbenzene	13.61	91	311828	9.487	ug/l #	77
95) Naphthalene	15.13	128	494778	19.291	ug/l	99

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

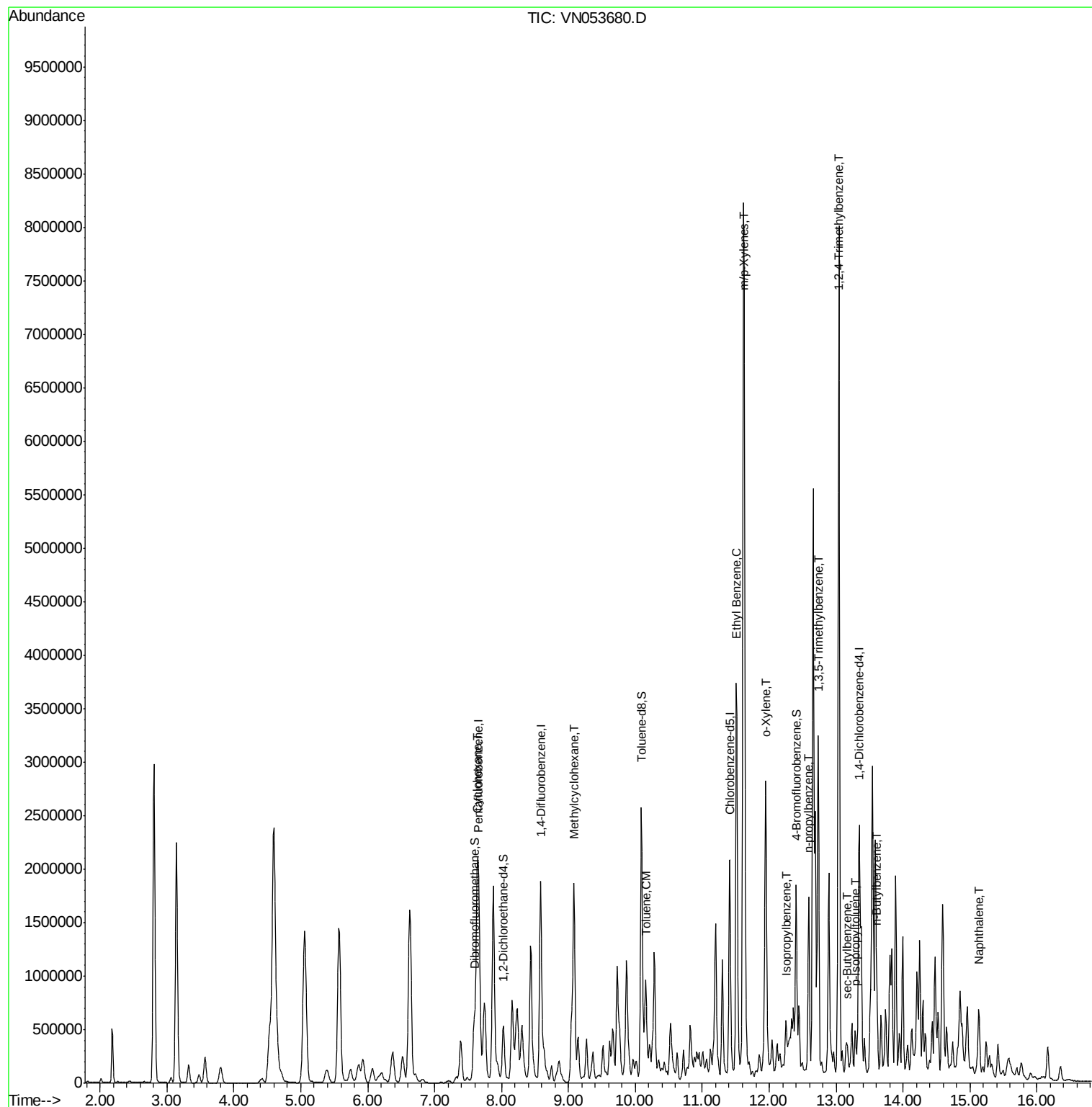
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020819\
Data File : VN053680.D
Acq On : 8 Feb 2019 14:37
Operator : JC/SP
Sample : K1409-02ME 10X
Misc : 6.22g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

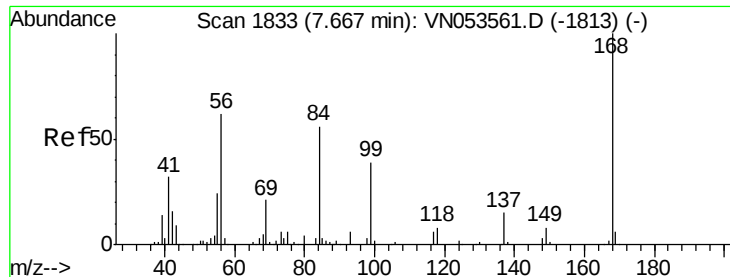
Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

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Quant Time: Feb 09 03:18:15 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# 1833

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

Tot Ion:168 Resp: 905432

Ion Ratio Lower Upper

168 100

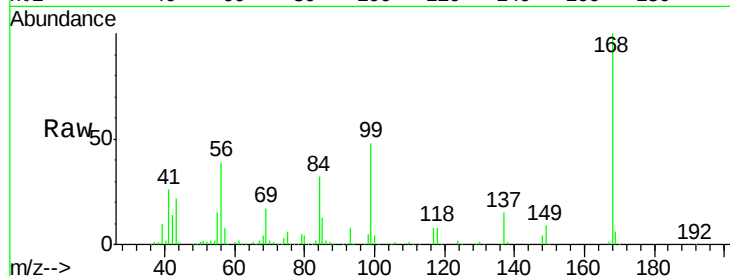
99 48.0 39.1 58.7

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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

400000

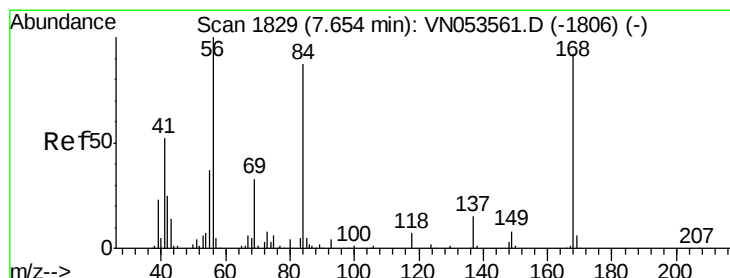
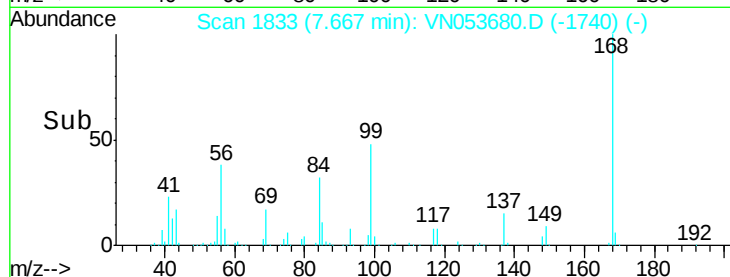
300000

200000

100000

0

Time-->



#31

Cyclohexane

Concen: 44.617 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.01 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

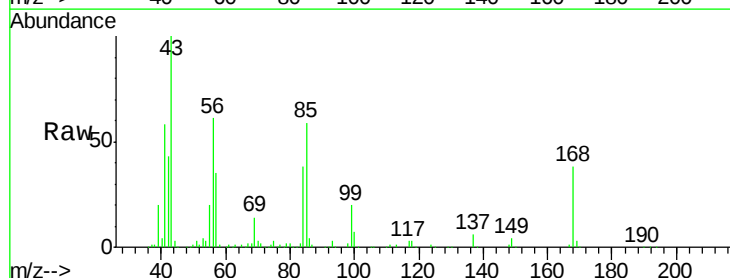
Tgt Ion: 56 Resp: 685655

Ion Ratio Lower Upper

56 100

69 21.1 26.4 39.6#

84 63.1 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

7.64

300000

250000

200000

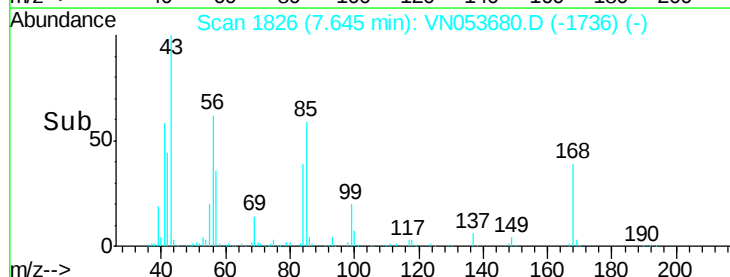
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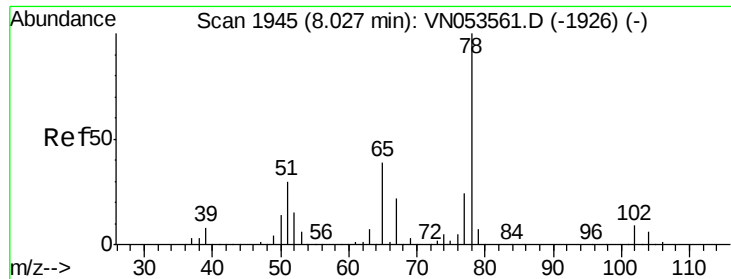
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50000

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Time-->





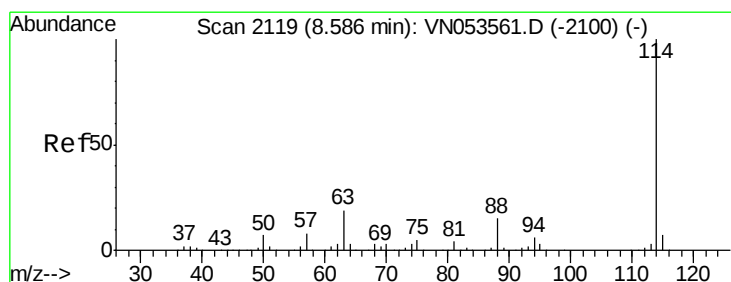
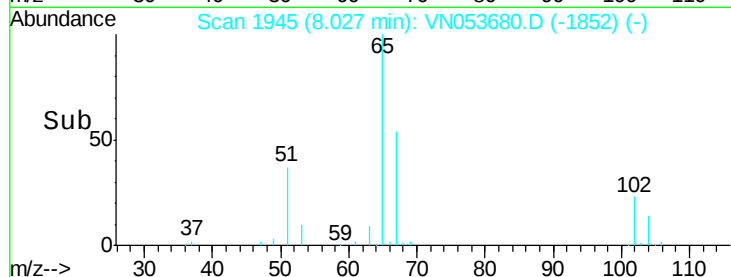
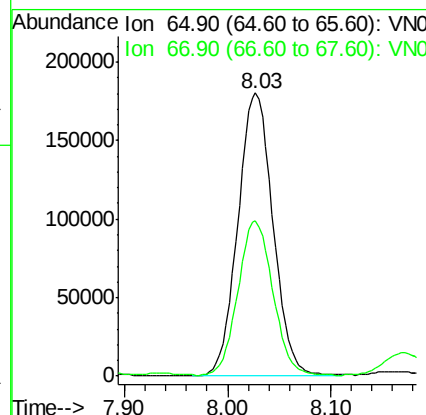
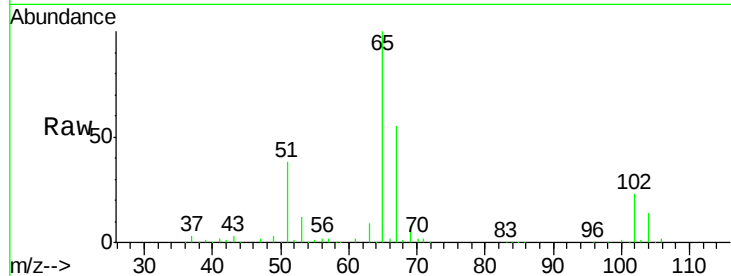
#33
 1,2-Dichloroethane-d4
 Concen: 46.856 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053680.D
 Acq: 8 Feb 2019 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-08(14-17)ME

Tot Ion	Ratio	Resp	Lower	Upper
65	100	425605		
67	54.3	0.0	111.2	

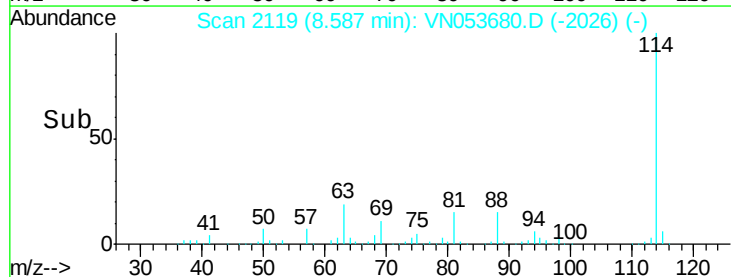
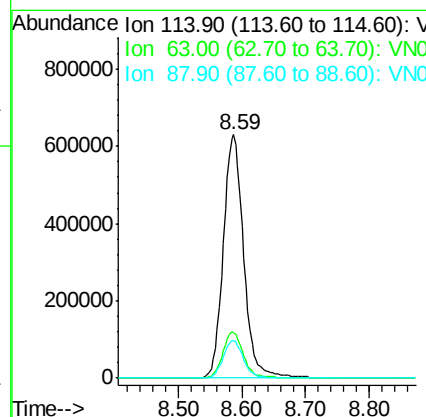
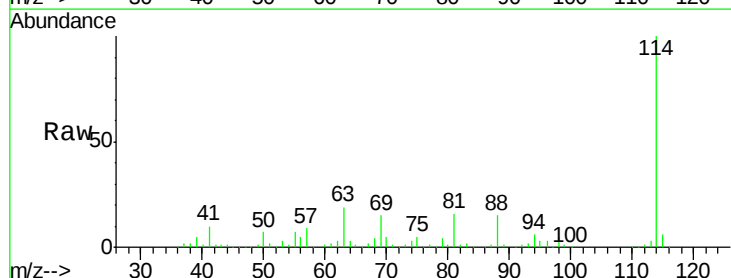
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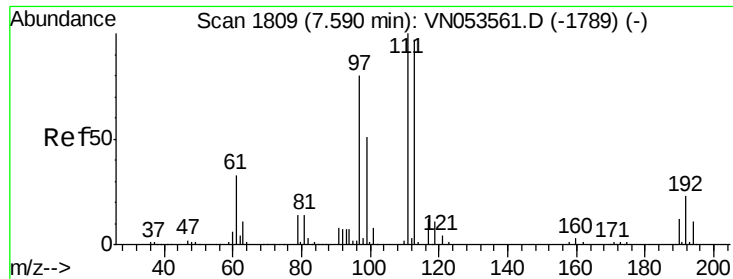
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053680.D
 Acq: 8 Feb 2019 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1400890		
63	18.8	0.0	38.6	
88	15.4	0.0	30.4	





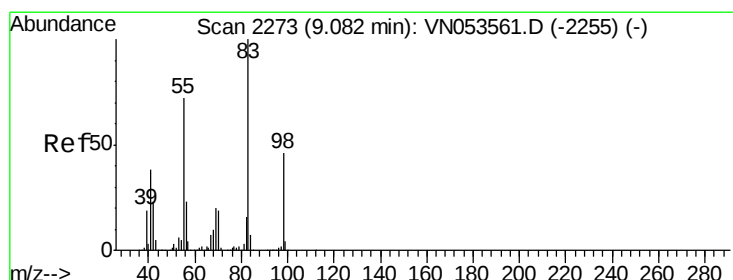
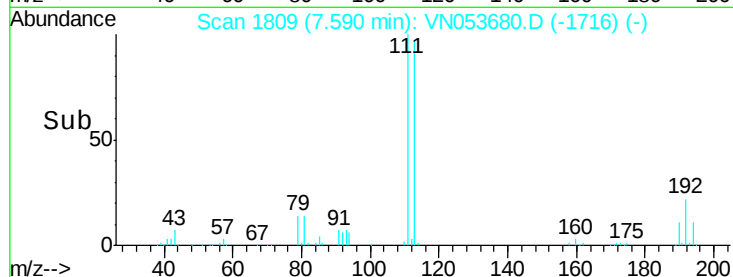
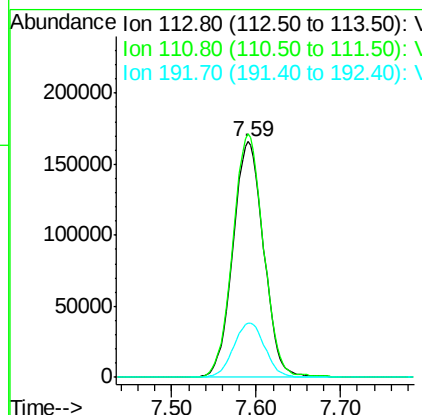
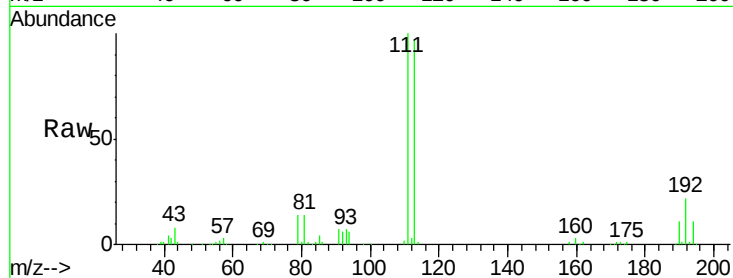
#35
Dibromofluoromethane
Concen: 47.589 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

Tot Ion	Ratio	Resp	Lower	Upper
113	100	421246		
111	103.1	81.1	121.7	
192	23.5	18.2	27.2	

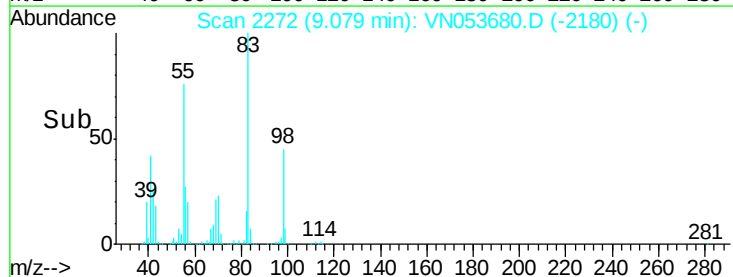
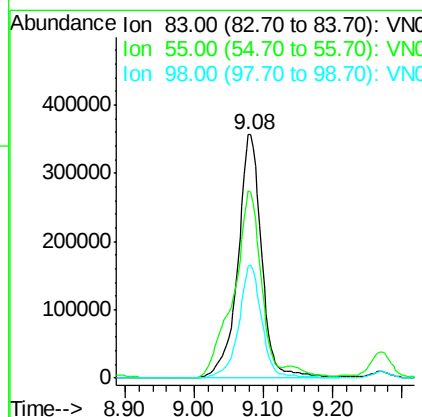
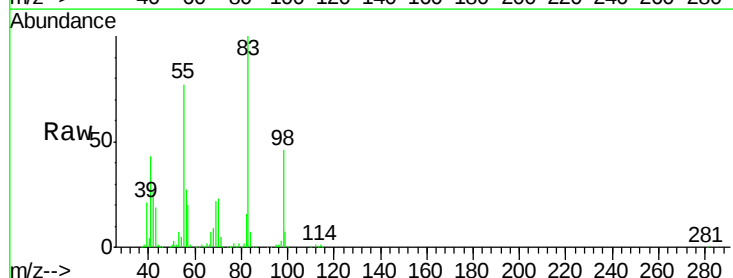
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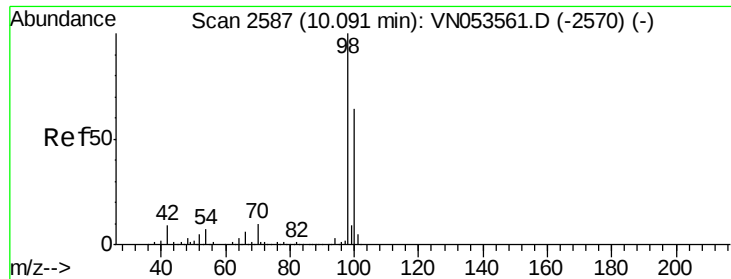
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#39
Methylcyclohexane
Concen: 57.180 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	856666		
55	76.8	60.1	90.1	
98	45.9	36.6	55.0	





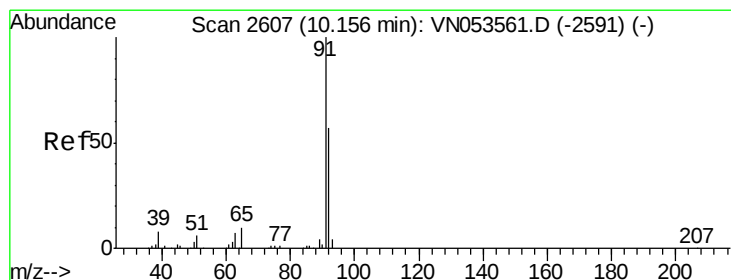
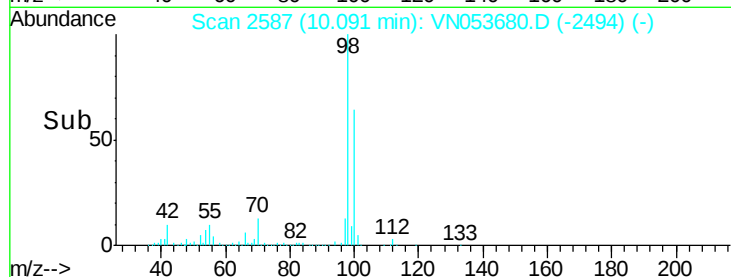
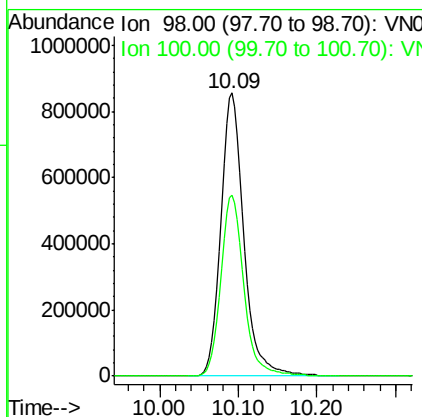
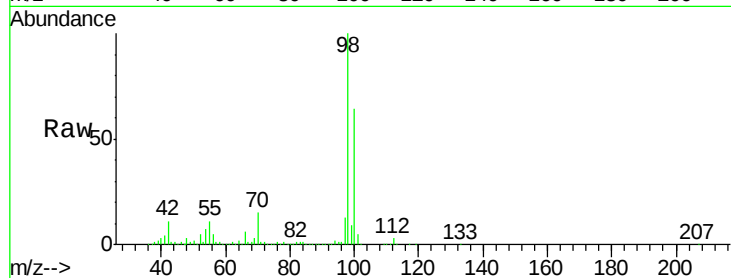
#50
Toluene-d8
Concen: 51.965 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

Tot Ion: 98 Resp: 1727148
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0

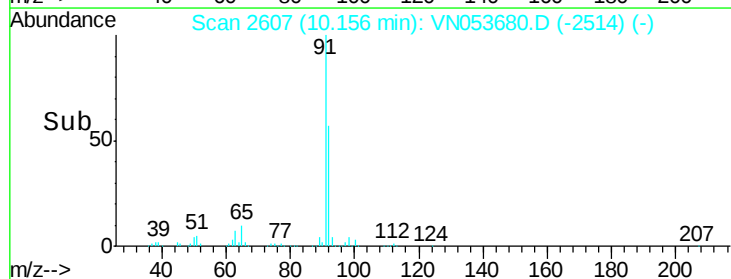
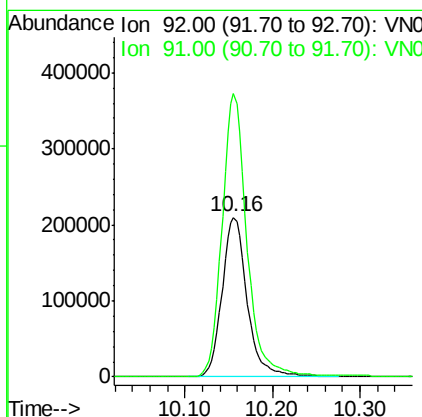
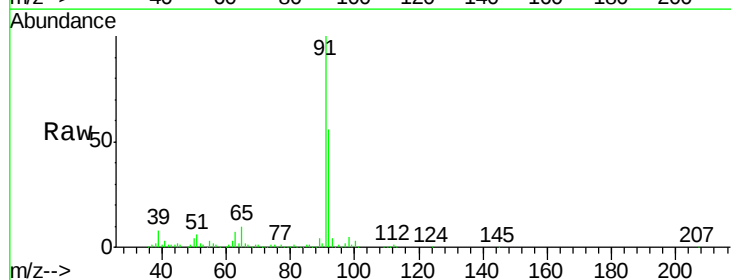
Manual Integrations
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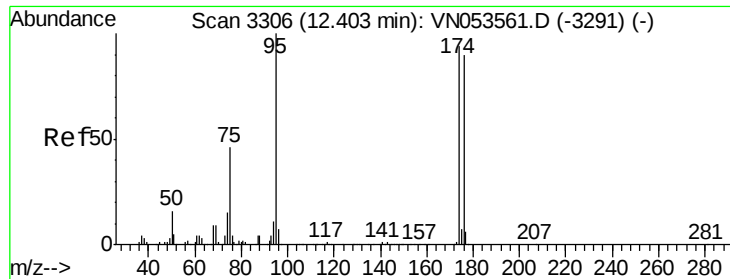
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#52
Toluene
Concen: 17.978 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion: 92 Resp: 415510
Ion Ratio Lower Upper
92 100
91 174.8 139.9 209.9





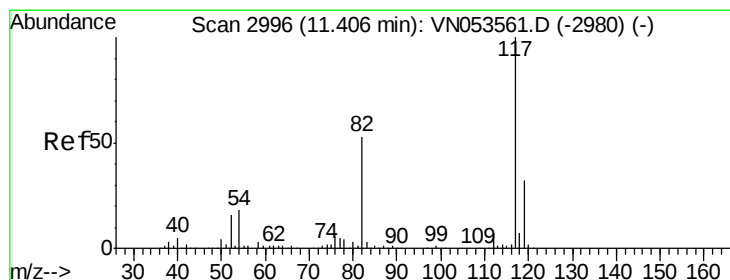
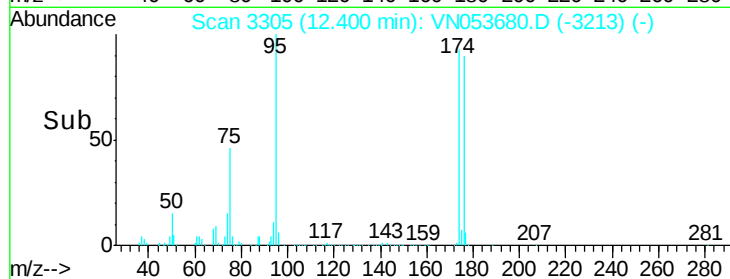
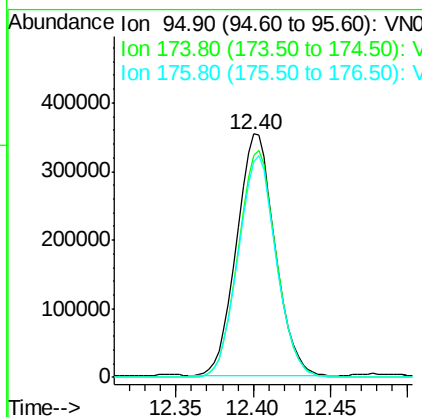
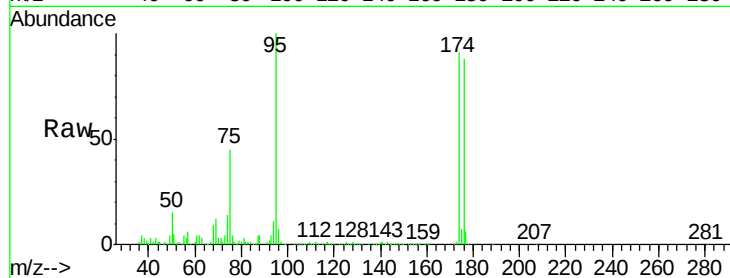
#62
4-Bromofluorobenzene
Concen: 54.786 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

Tot Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	183.2
176	91.0	0.0	177.4

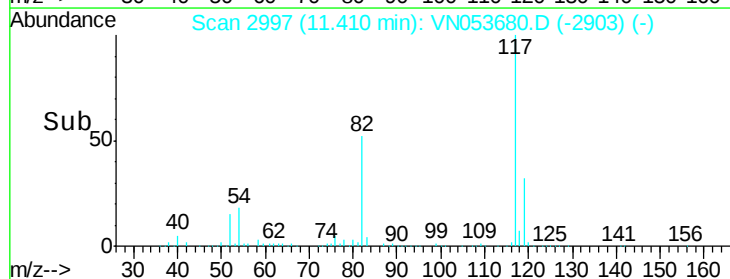
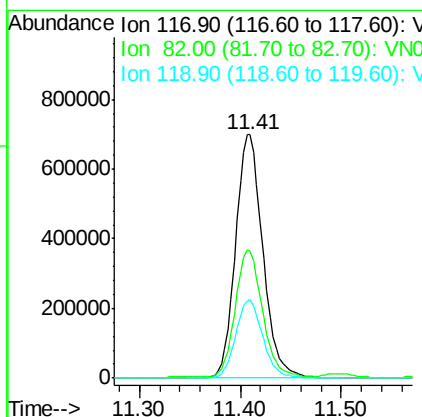
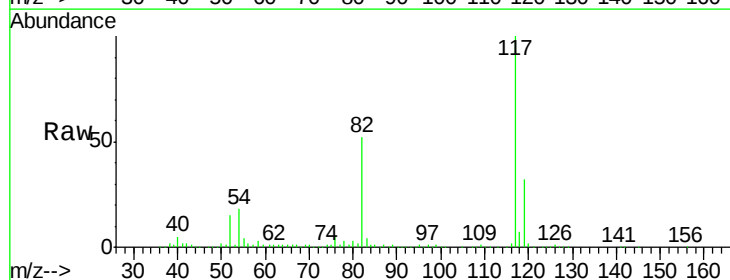
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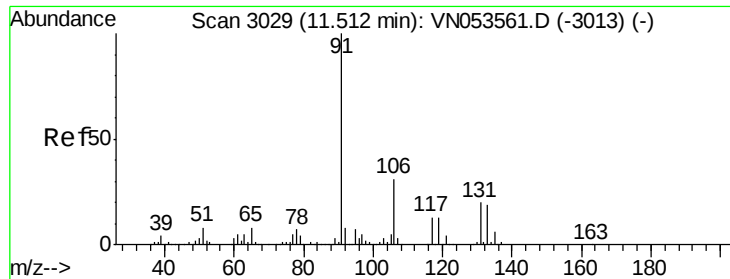
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.9	64.3
119	32.0	26.0	39.0





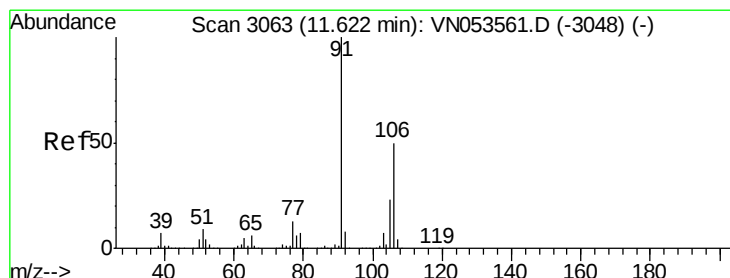
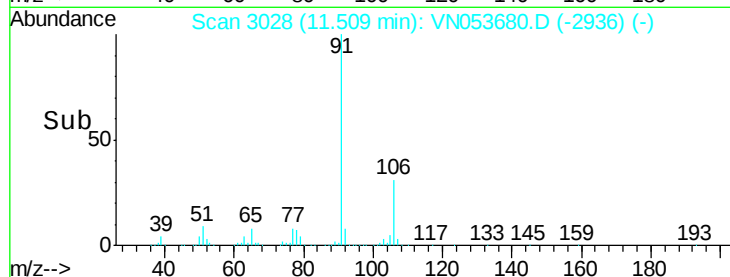
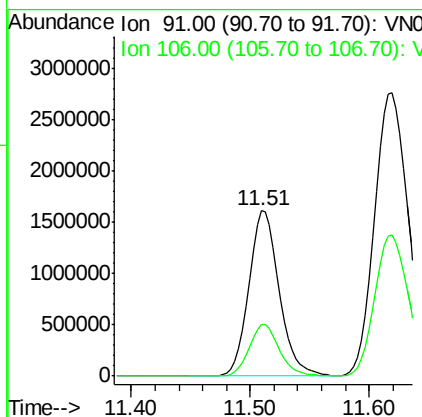
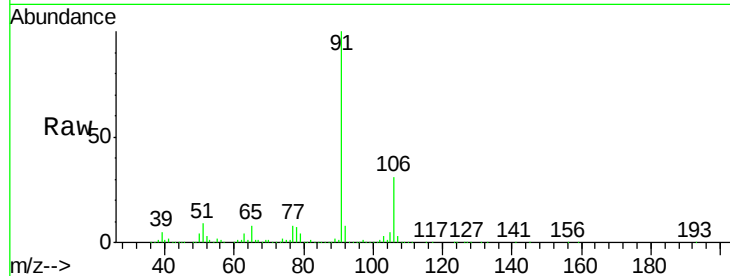
#67
Ethyl Benzene
Concen: 62.531 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

Tot Ion: 91 Resp: 2854307
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

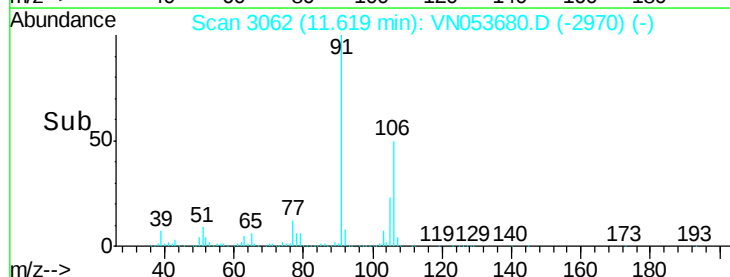
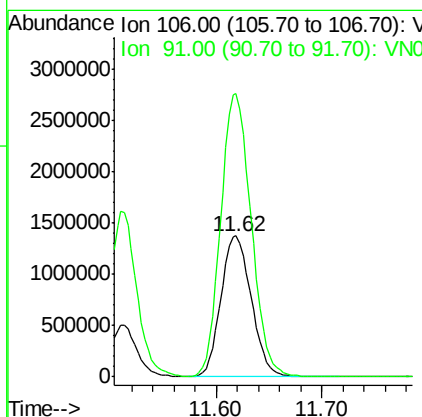
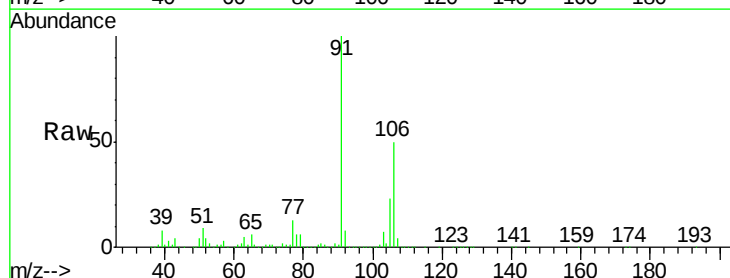
Manual Integrations
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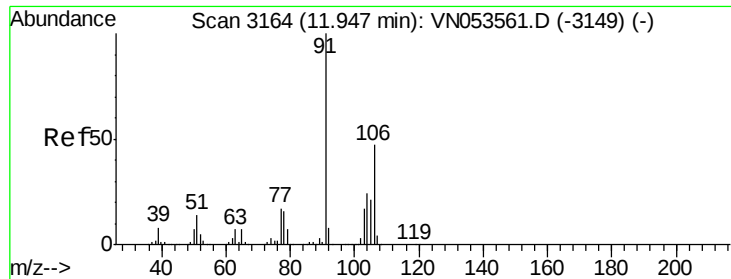
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2/11/2019 9:50:07 AM



#68
m/p-Xylenes
Concen: 157.820 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion: 106 Resp: 2749439
Ion Ratio Lower Upper
106 100
91 201.0 161.4 242.2





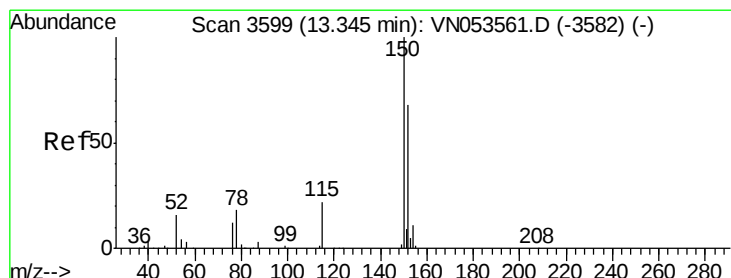
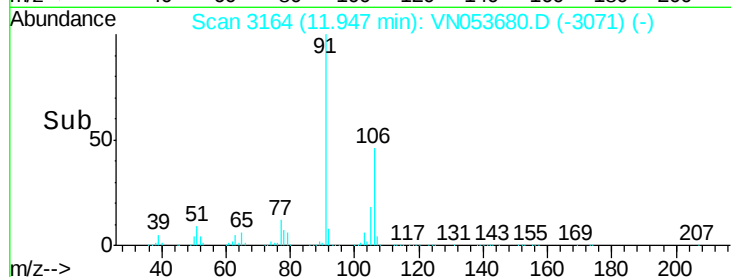
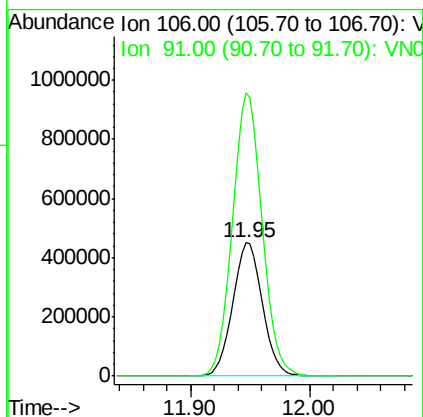
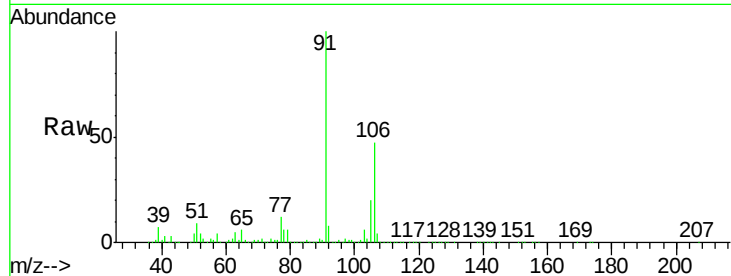
#69
o-Xylene
Concen: 46.201 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Instrument :
MSVOA_N
ClientSampled :
SB-08(14-17)ME

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		777596		
91	211.6	106.9	320.8		

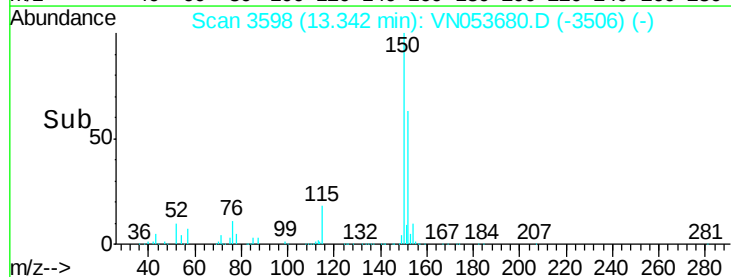
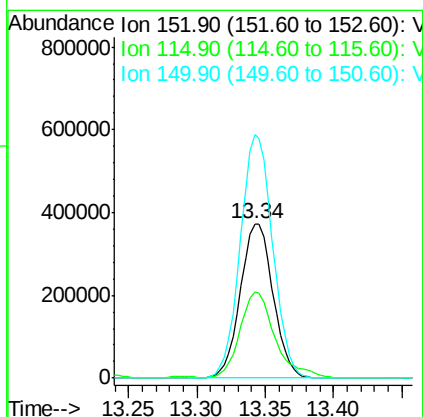
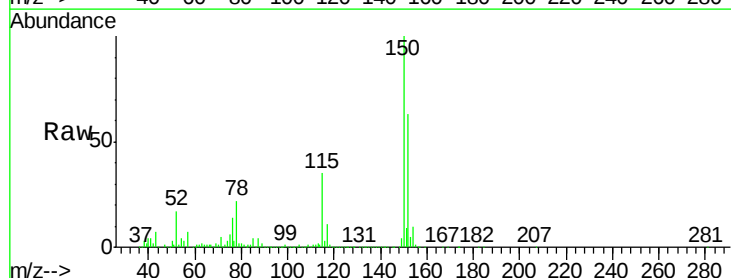
Manual Integrations
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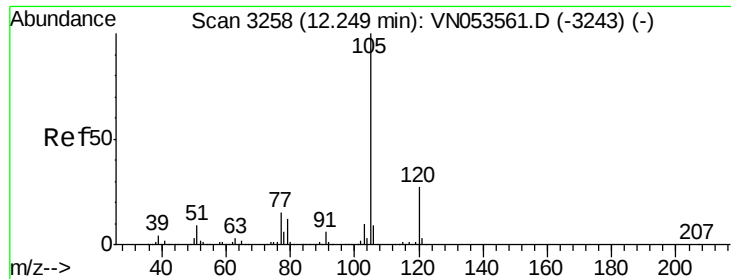
MMDadoda
2/11/2019 9:50:07 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		619319		
115	59.1	27.8	83.4		
150	156.1	0.0	349.0		





#73

Isopropylbenzene

Concen: 7.708 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

Tot Ion: 105 Resp: 335589

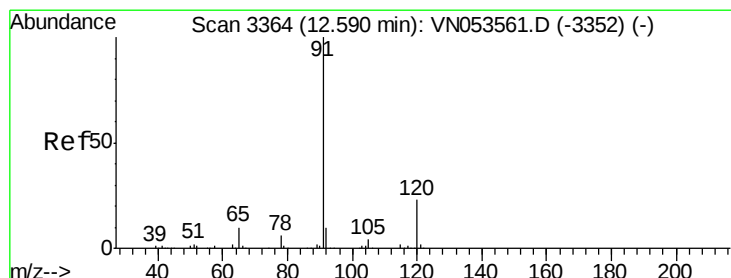
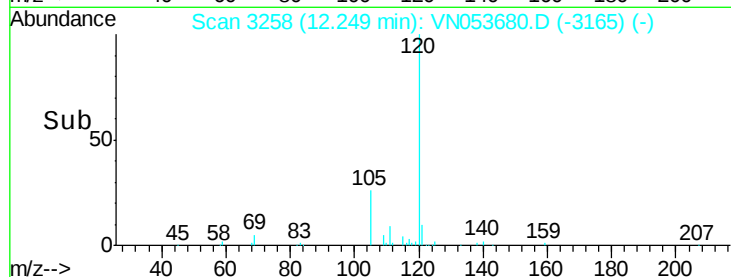
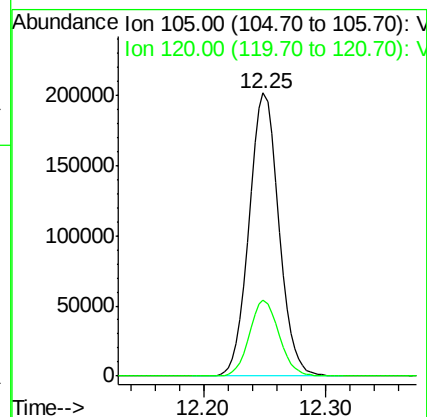
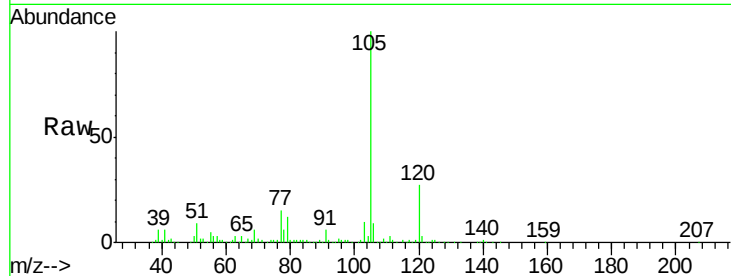
Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7

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#78

n-propylbenzene

Concen: 26.946 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053680.D

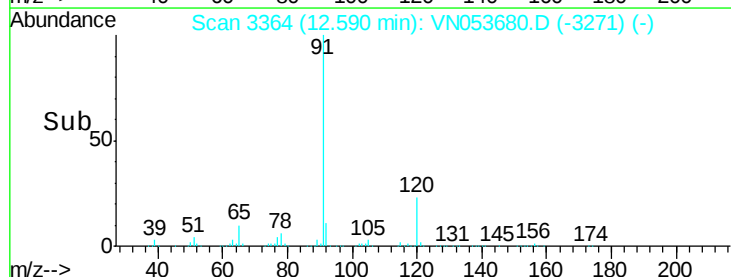
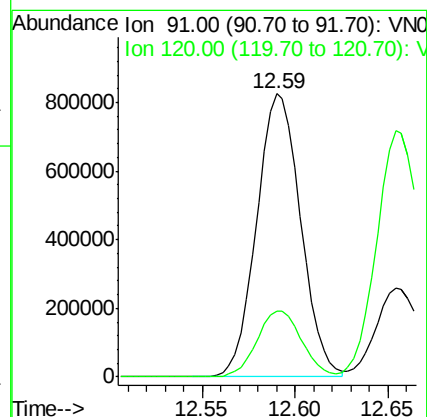
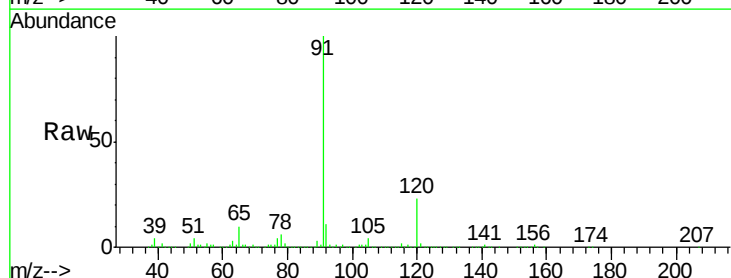
Acq: 8 Feb 2019 14:37

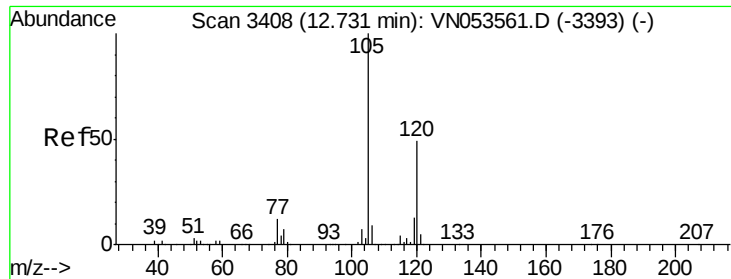
Tgt Ion: 91 Resp: 1356181

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5





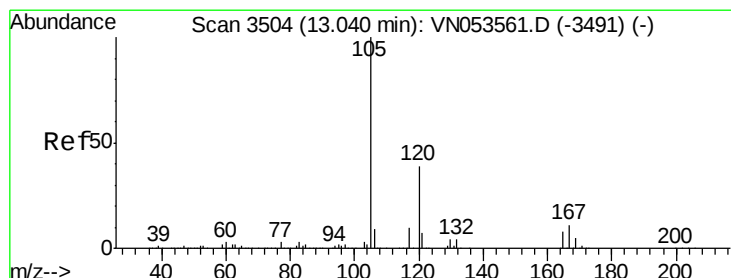
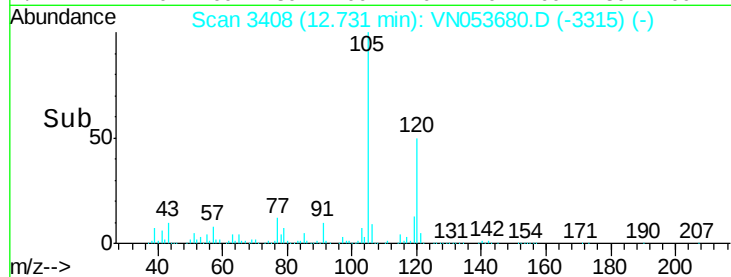
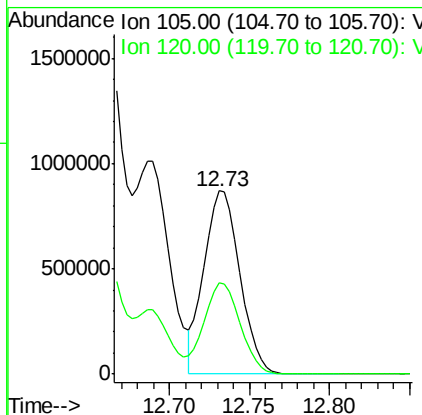
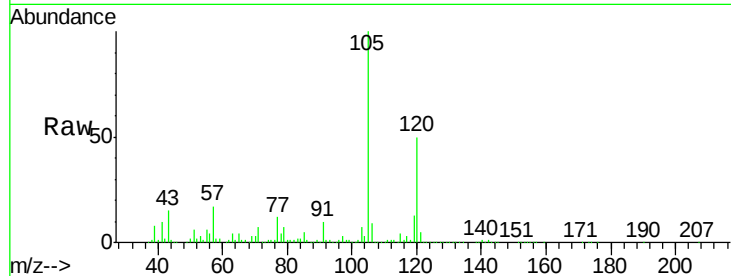
#80
 1,3,5-Trimethylbenzene
 Concen: 37.516 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN053680.D
 Acq: 8 Feb 2019 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-08(14-17)ME

Tot Ion:105 Resp: 1354433
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.9 74.6

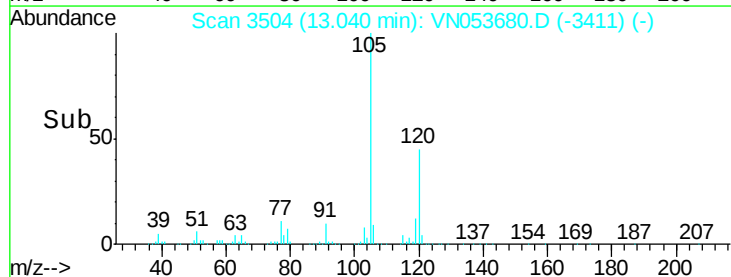
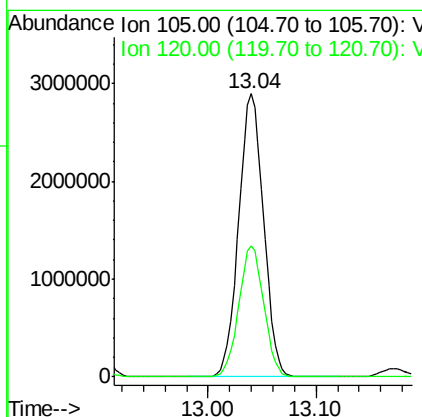
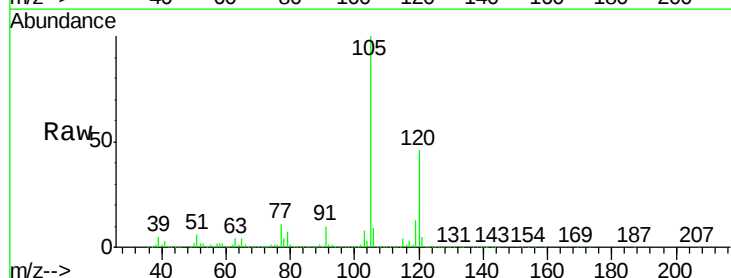
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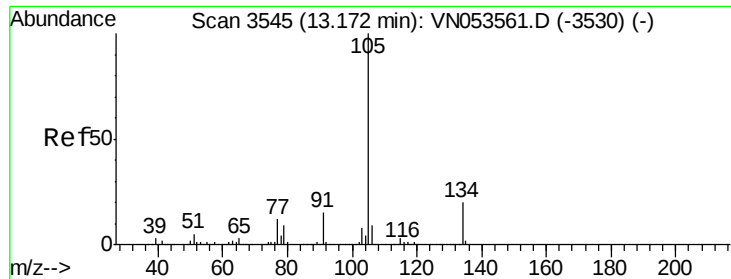
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 2/11/2019 9:50:07 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 126.704 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053680.D
 Acq: 8 Feb 2019 14:37

Tgt Ion:105 Resp: 4660474
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 3.179 ug/l m

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

Tot Ion:105 Resp: 138027

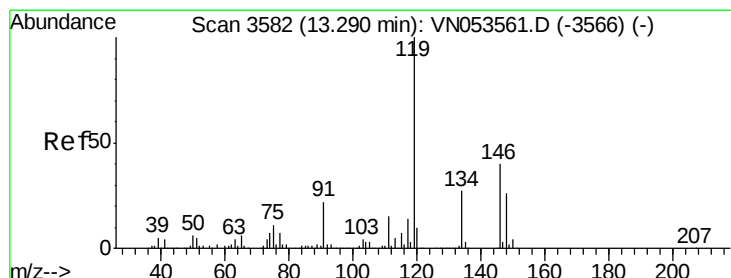
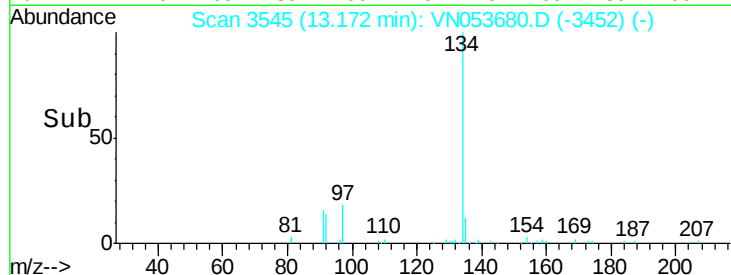
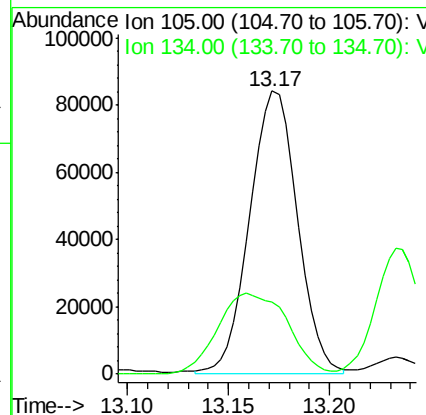
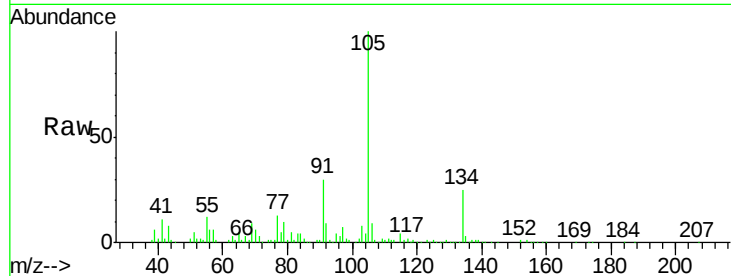
Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#

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#86

p-Isopropyltoluene

Concen: 1.929 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

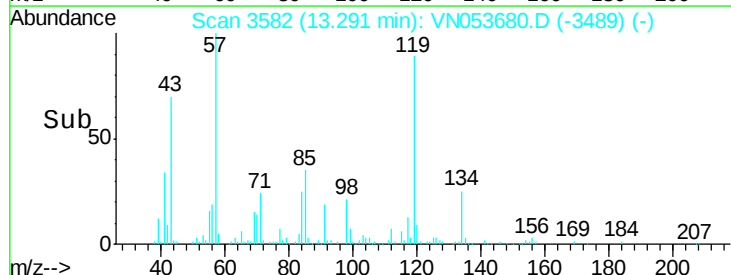
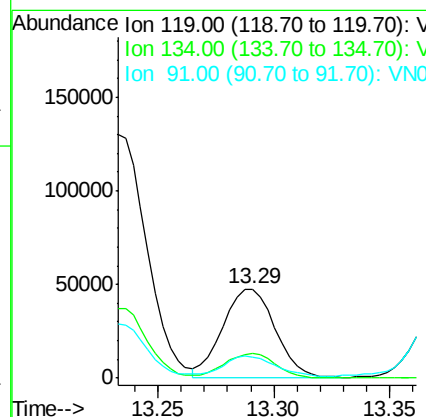
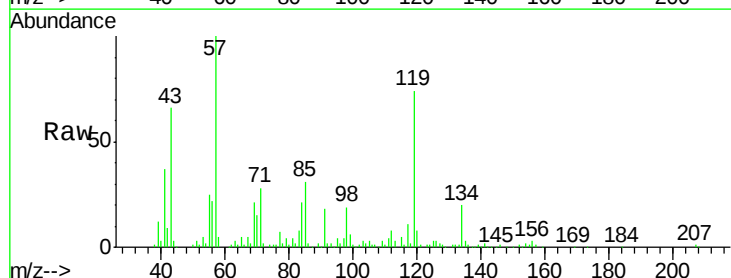
Tgt Ion:119 Resp: 73262

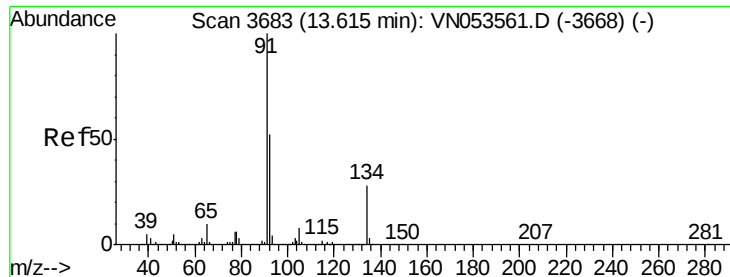
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.0 11.0 33.0





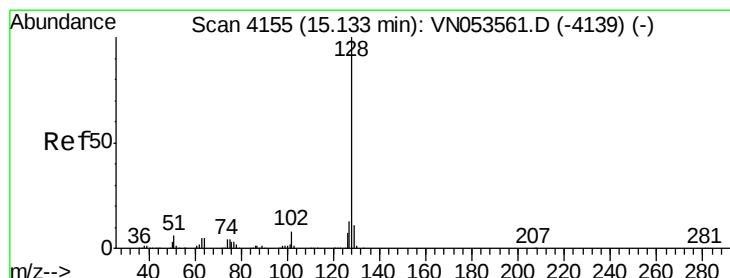
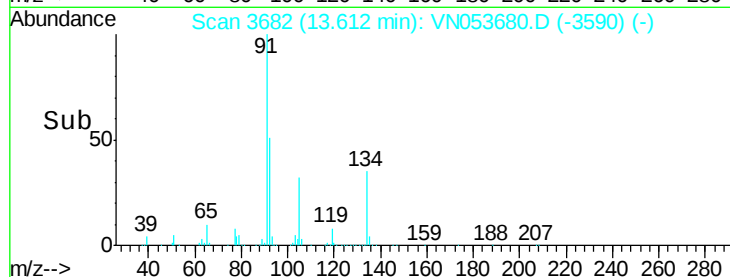
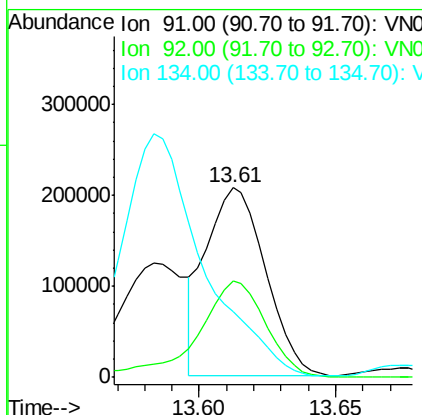
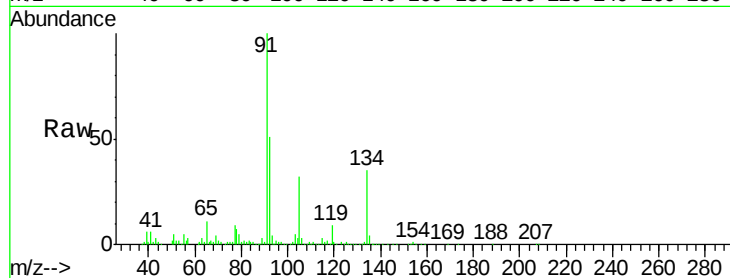
#89
n-Butylbenzene
Concen: 9.487 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

Tot Ion	Ratio	Lower	Upper
91	100		
92	58.1	26.3	78.8
134	0.0	13.5	40.5#

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#95
Naphthalene
Concen: 19.291 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.5	8.6	13.0

