

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027359.D
 Acq On : 22 Sep 2015 5:16
 Operator : MD\FY
 Sample : G3754-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3B

Manual Integrations
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MMDadoda
 9/22/2015 2:29:17 PM

Quant Time: Sep 22 08:09:27 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	700442	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1274179	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1096956	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	436940	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	740682	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
36) Dibromofluoromethane	7.68	113	458610	55.16	ug/l	0.00
Spiked Amount			Recovery	=	110.32%	
51) Toluene-d8	10.19	98	1884183	58.62	ug/l	0.00
Spiked Amount			Recovery	=	117.24%	
63) 4-Bromofluorobenzene	12.52	95	677862	58.05	ug/l	0.00
Spiked Amount			Recovery	=	116.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Carbon Disulfide	4.11	76	19661	0.82	ug/l	96
32) Cyclohexane	7.77	56	143422	6.82	ug/l	# 81
40) Methylcyclohexane	9.19	83	189716	11.63	ug/l	97
41) Benzene	8.14	78	20198588	506.81	ug/l	99
53) Toluene	10.26	92	1681454	71.32	ug/l	98
68) Ethyl Benzene	11.61	91	19079824m	430.07	ug/l	
69) m/p-Xylenes	11.73	106	2412904	156.89	ug/l	88
70) o-Xylene	12.06	106	2739143	176.25	ug/l	88
74) Isopropylbenzene	12.36	105	1271812	29.06	ug/l	98
79) n-propylbenzene	12.71	91	653283	12.51	ug/l	98
81) 1,3,5-Trimethylbenzene	12.85	105	990908	28.00	ug/l	94
85) 1,2,4-Trimethylbenzene	13.16	105	3178348	90.32	ug/l	94
87) p-Isopropyltoluene	13.41	119	195178	6.13	ug/l	88
96) Naphthalene	15.28	128	18763417m	745.24	ug/l	

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

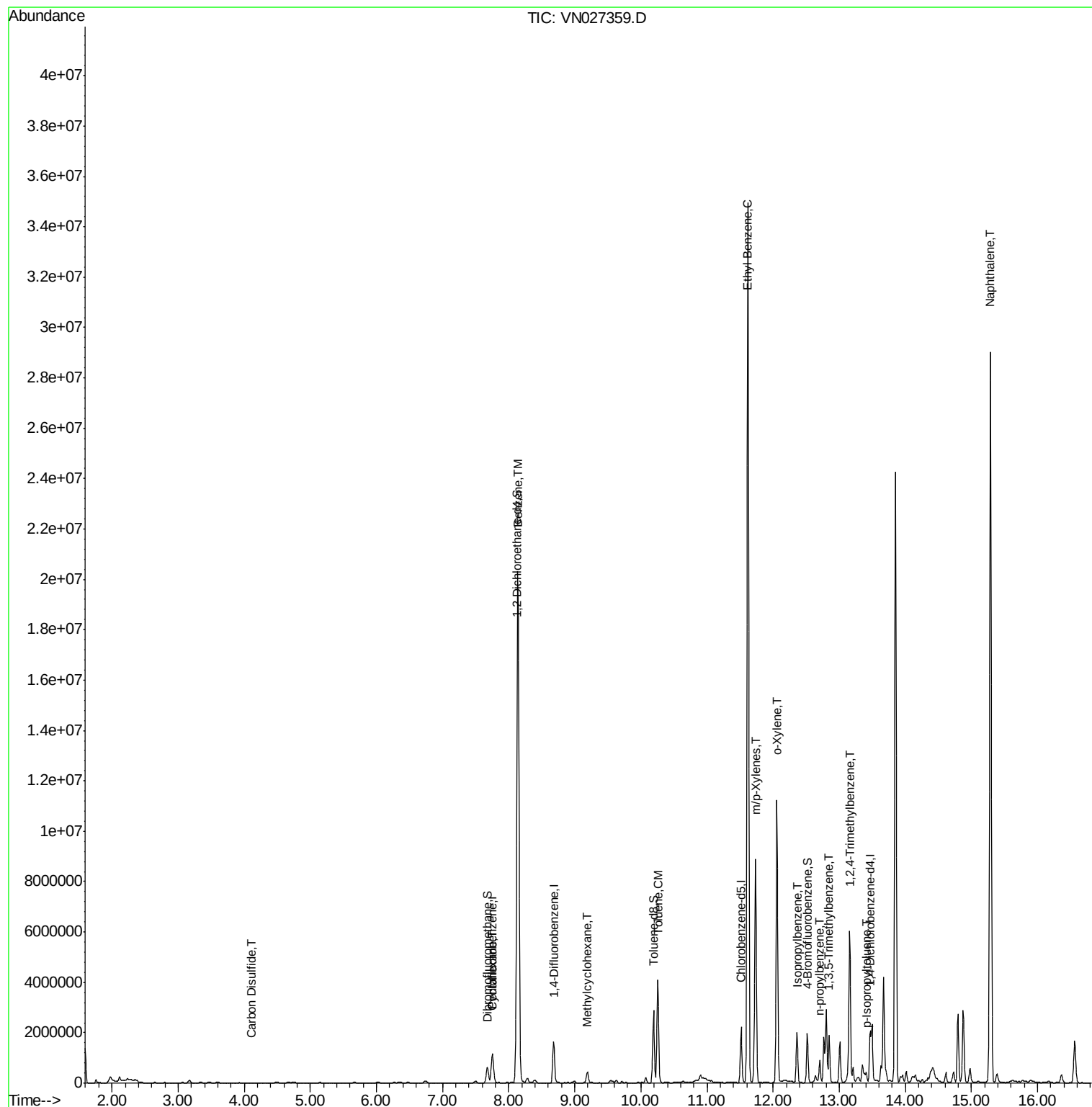
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027359.D
Acq On : 22 Sep 2015 5:16
Operator : MD\FY
Sample : G3754-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

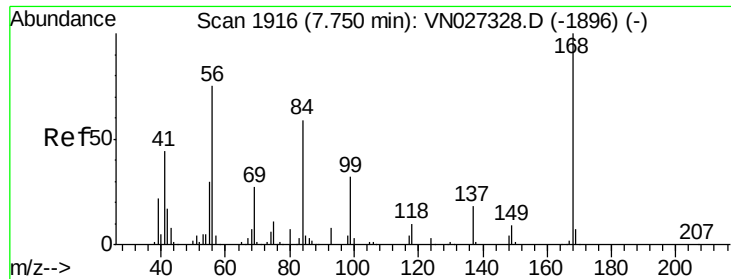
Instrument :
MSVOA_N
ClientSampleId :
MW-3B

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Quant Time: Sep 22 08:09:27 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027359.D

Acq: 22 Sep 2015 5:16

Instrument :

MSVOA_N

ClientSampled :

MW-3B

Tot Ion:168 Resp: 700442

Ion Ratio Lower Upper

168 100

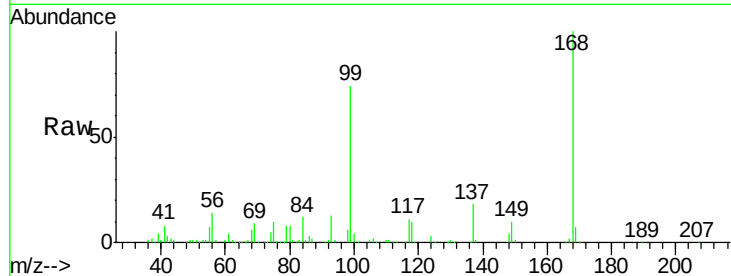
99 74.0 50.4 75.6

Manual Integrations

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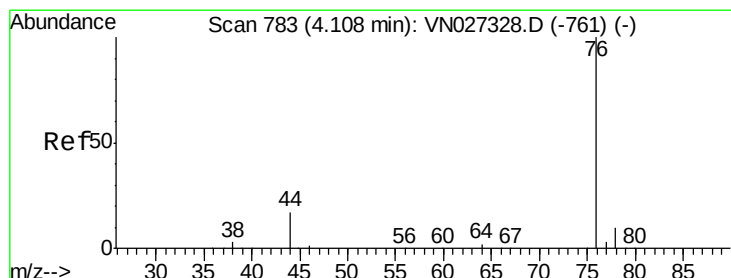
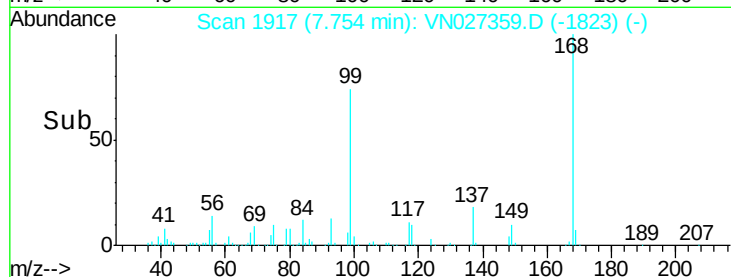
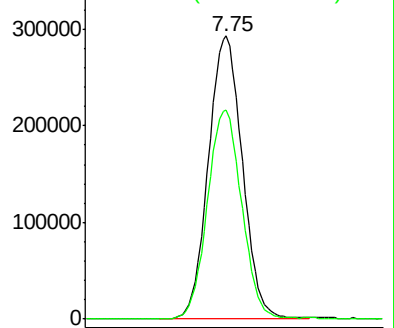
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Carbon Disulfide

Concen: 0.82 ug/l

RT: 4.11 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN027359.D

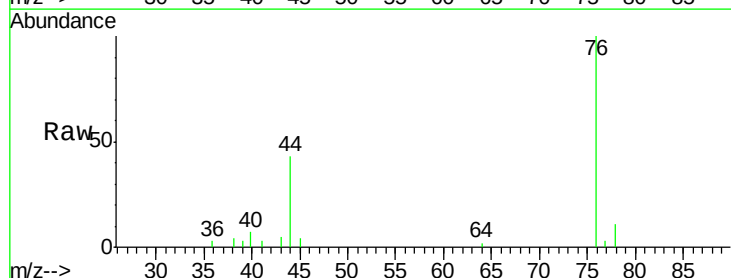
Acq: 22 Sep 2015 5:16

Tgt Ion: 76 Resp: 19661

Ion Ratio Lower Upper

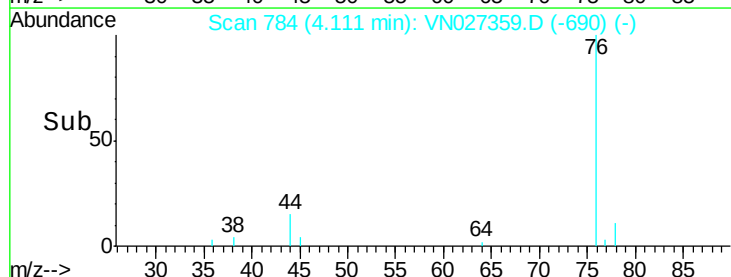
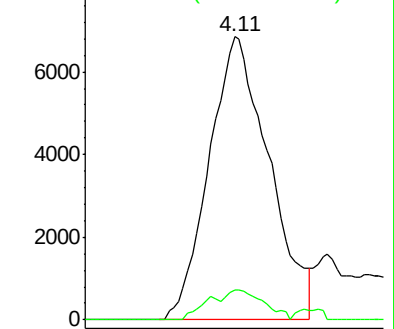
76 100

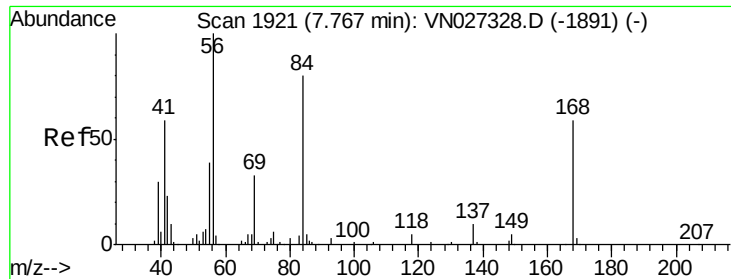
78 10.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO





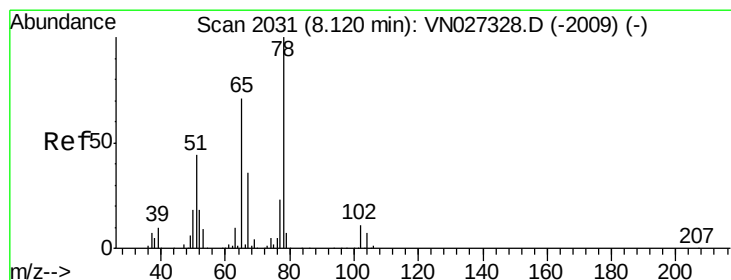
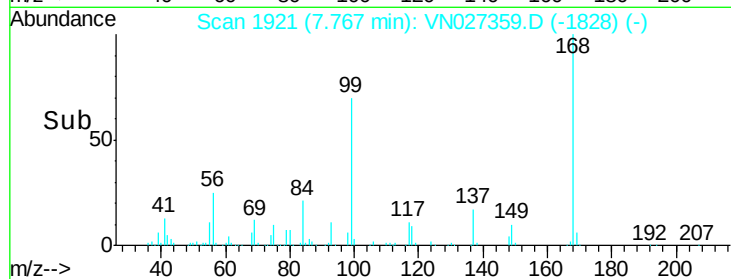
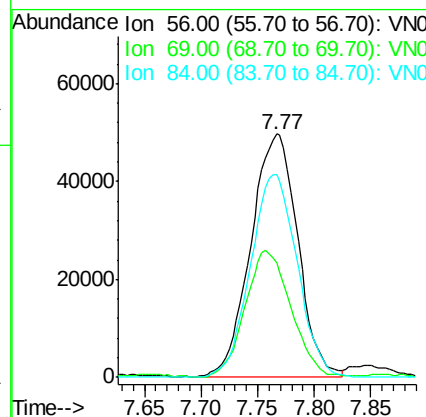
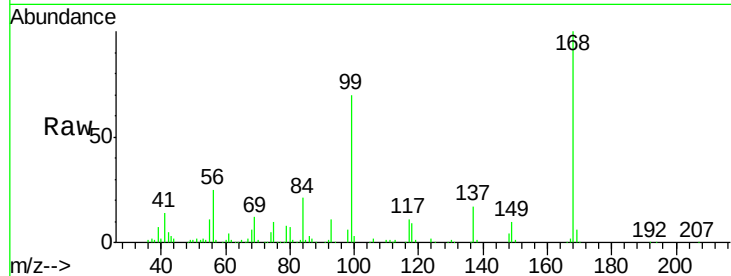
#32
Cyclohexane
Concen: 6.82 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027359.D
Acq: 22 Sep 2015 5:16

Instrument :
MSVOA_N
ClientSampled :
MW-3B

Tot Ion	Ratio	Resp	Lower	Upper
56	100	143422		
69	46.8	23.0	34.4#	
84	83.3	57.8	86.8	

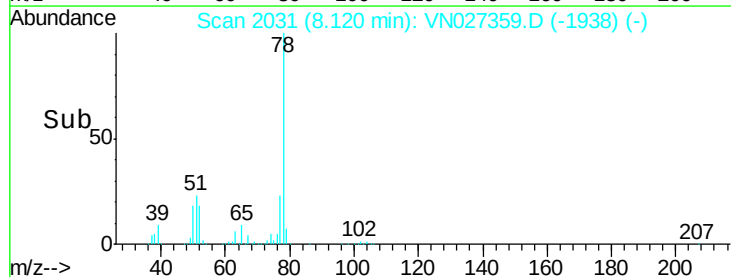
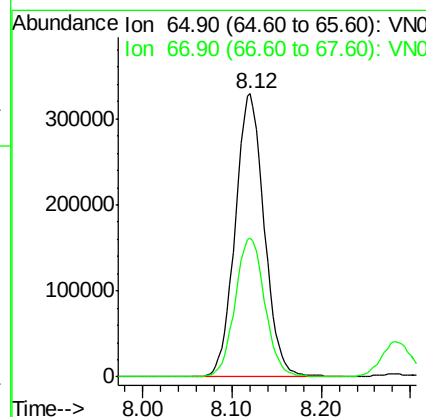
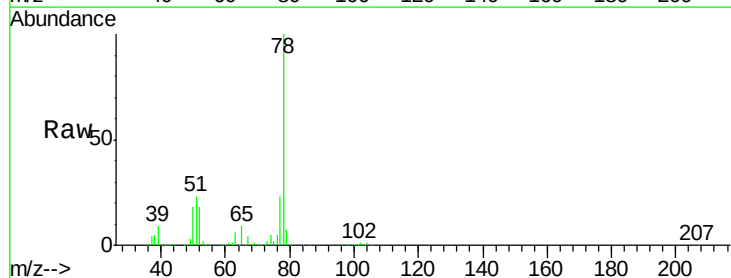
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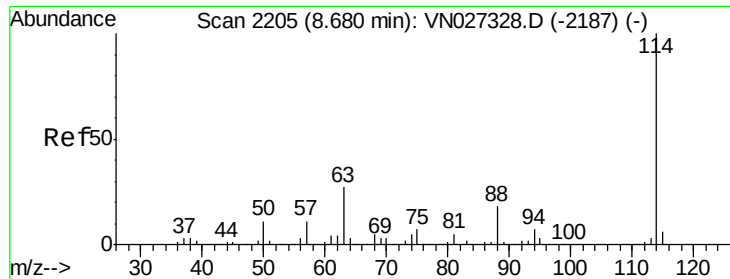
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#34
1,2-Dichloroethane-d4
Concen: 54.02 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. -0.00 min
Lab File: VN027359.D
Acq: 22 Sep 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	740682		
67	49.5	0.0	110.6	





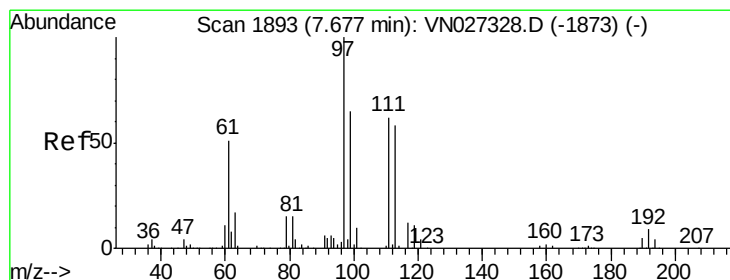
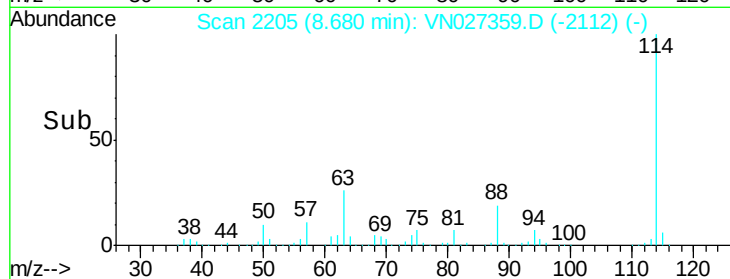
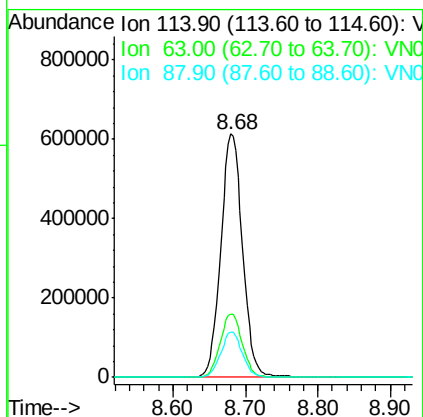
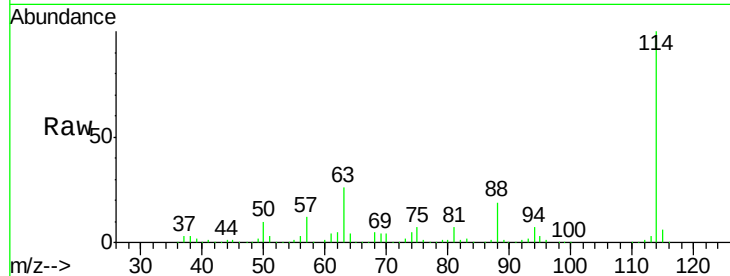
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VN027359.D
 Acq: 22 Sep 2015 5:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3B

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.1	0.0	48.8
88	18.8	0.0	32.2

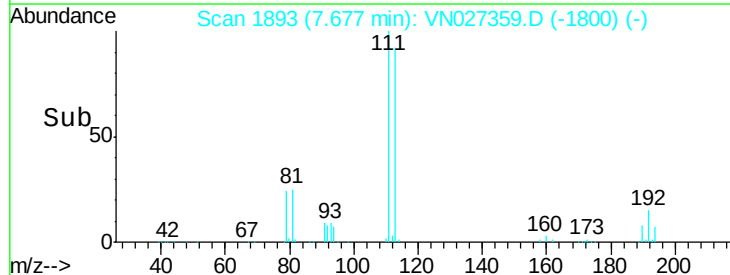
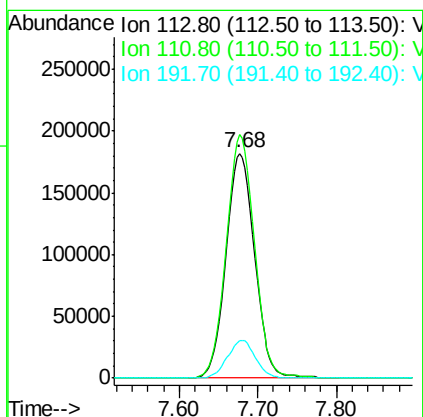
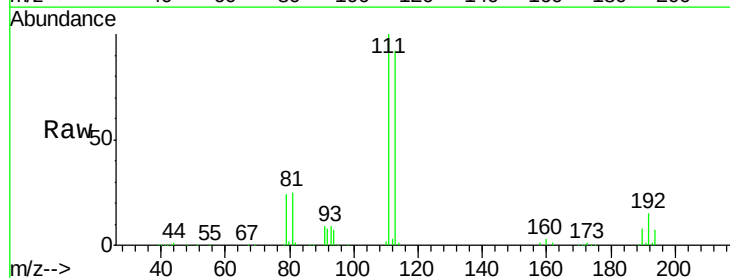
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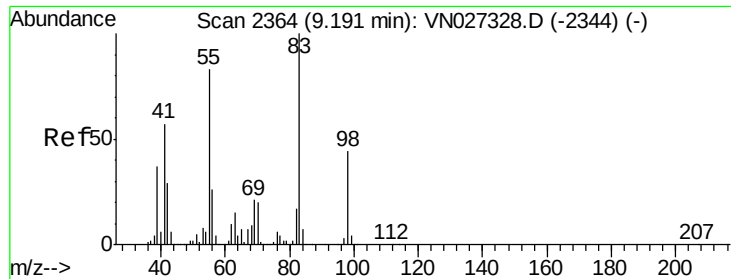
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#36
 Dibromofluoromethane
 Concen: 55.16 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027359.D
 Acq: 22 Sep 2015 5:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.7	83.0	124.4
192	16.4	14.1	21.1





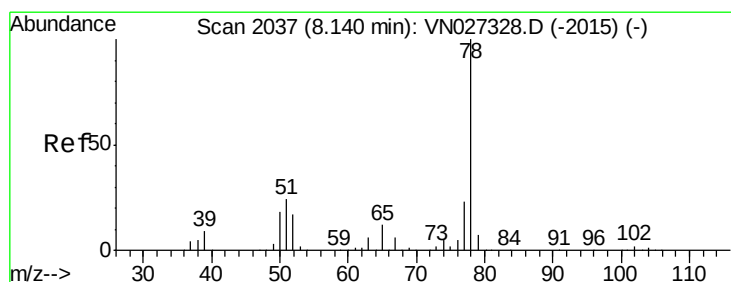
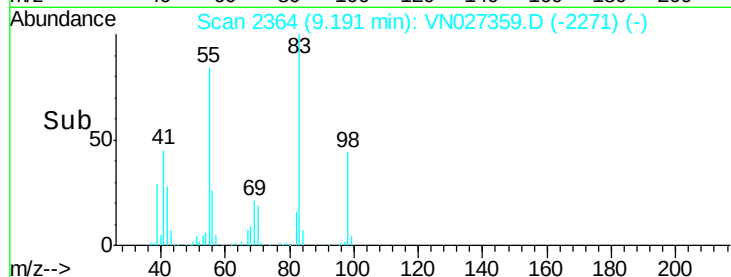
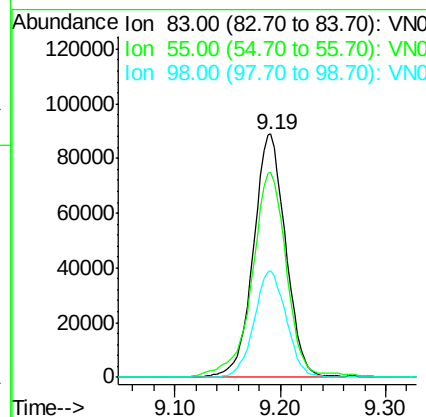
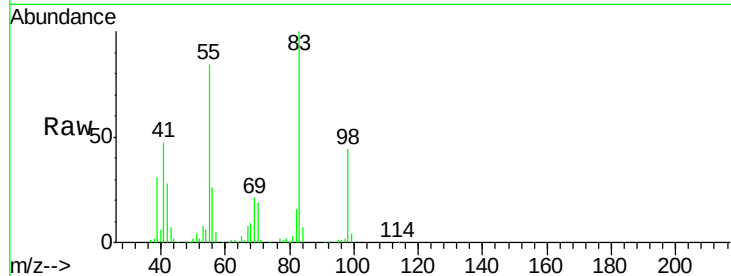
#40
Methylvlcyclohexane
Concen: 11.63 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. -0.00 min
Lab File: VN027359.D
Acq: 22 Sep 2015 5:16

Instrument :
MSVOA_N
ClientSampleId :
MW-3B

Tot Ion	83	Resp	189716
Ion Ratio	Lower	Upper	
83	100		
55	83.7	69.8	104.8
98	43.7	34.3	51.5

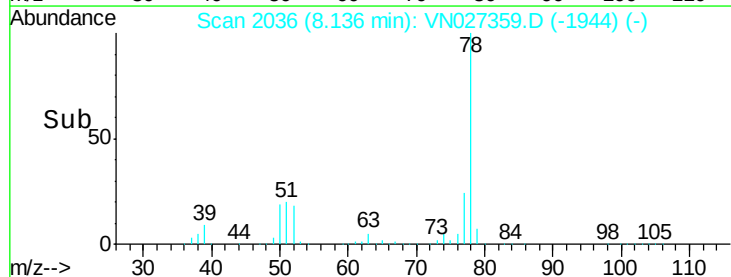
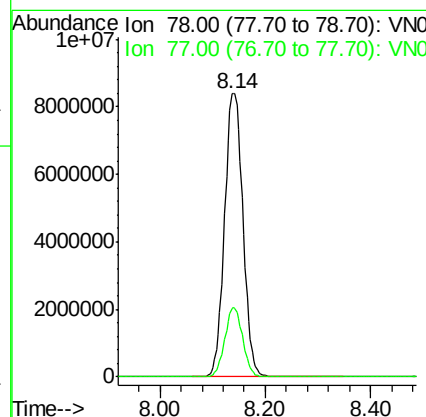
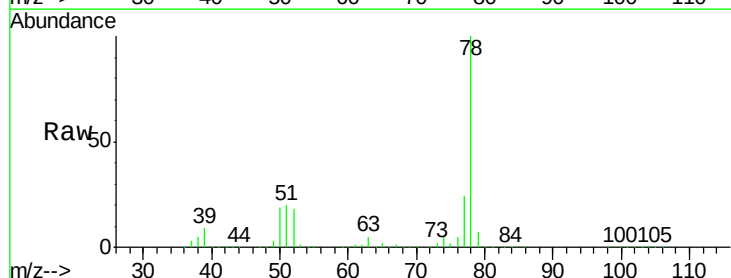
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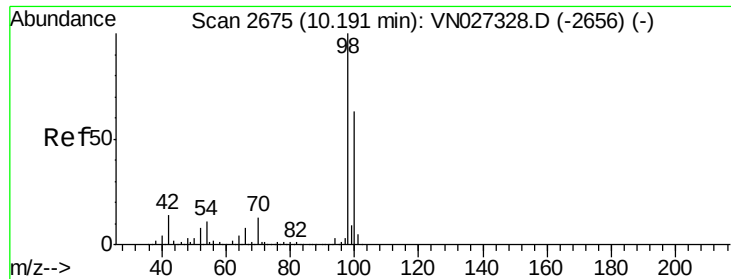
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#41
Benzene
Concen: 506.81 ug/l
RT: 8.14 min Scan# 2036
Delta R.T. -0.00 min
Lab File: VN027359.D
Acq: 22 Sep 2015 5:16

Tgt Ion	78	Resp	20198588
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.0	28.4





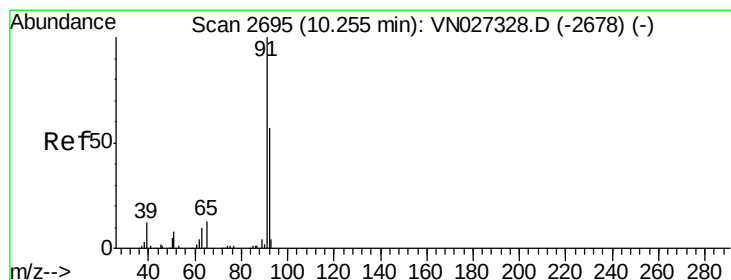
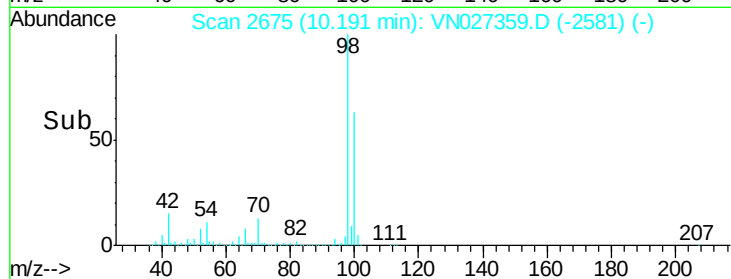
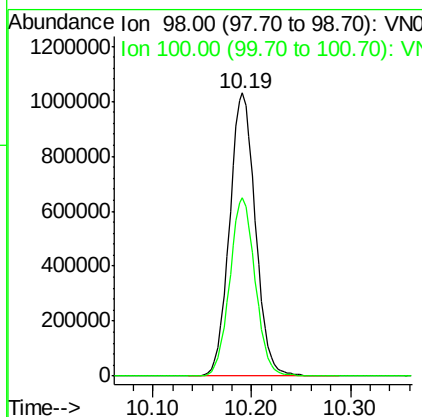
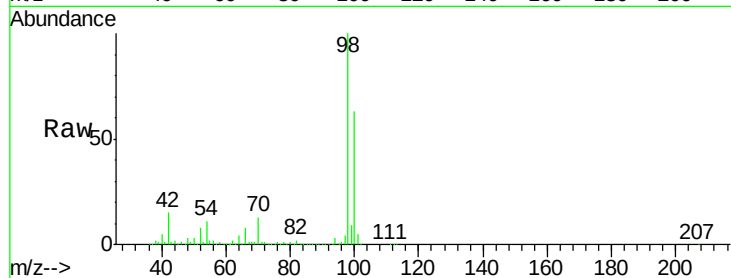
#51
Toluene-d8
Concen: 58.62 ug/l
RT: 10.19 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN027359.D
Acq: 22 Sep 2015 5:16

Instrument :
MSVOA_N
ClientSampleId :
MW-3B

Tot Ion: 98 Resp: 1884183
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7

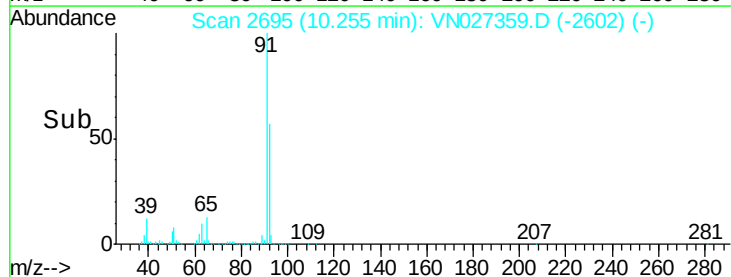
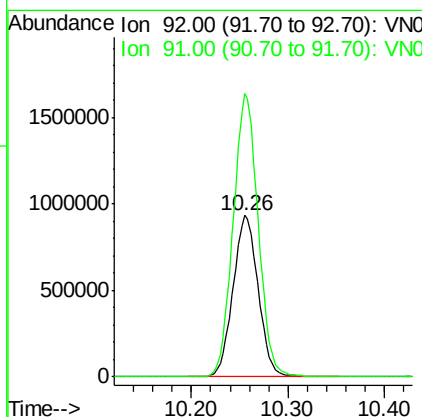
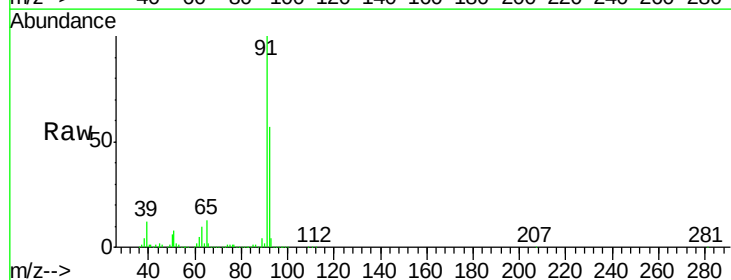
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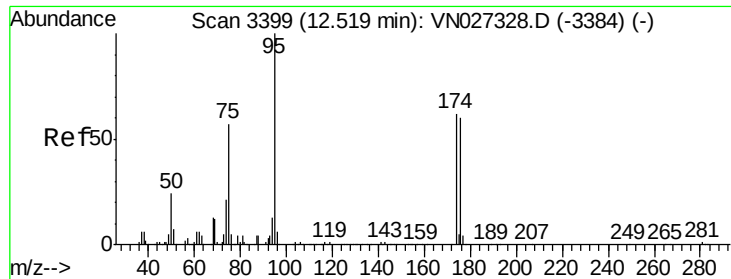
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#53
Toluene
Concen: 71.32 ug/l
RT: 10.26 min Scan# 2695
Delta R.T. -0.00 min
Lab File: VN027359.D
Acq: 22 Sep 2015 5:16

Tgt Ion: 92 Resp: 1681454
Ion Ratio Lower Upper
92 100
91 174.0 141.4 212.2





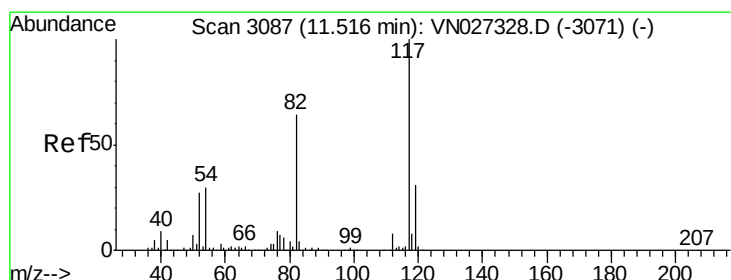
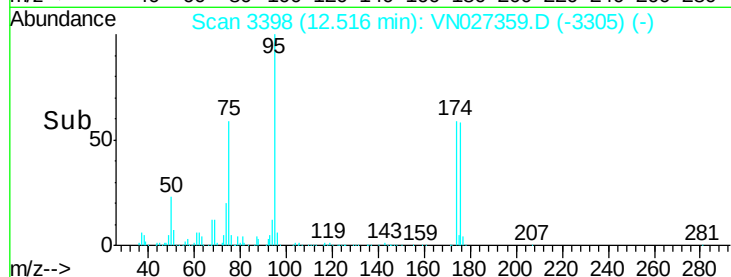
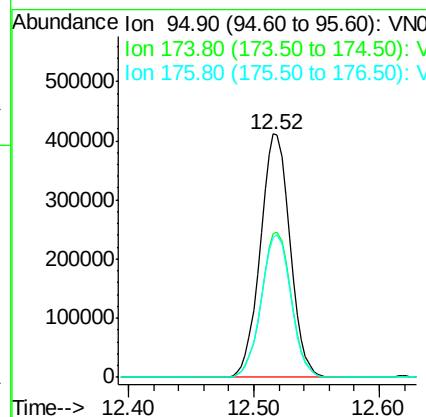
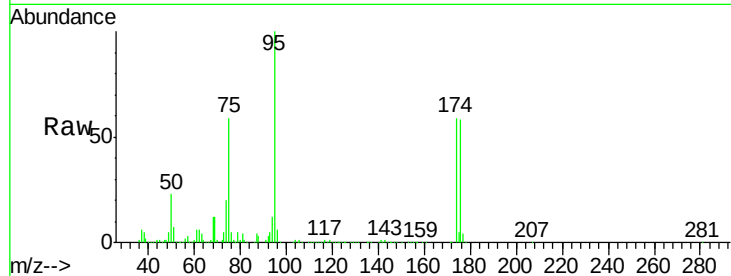
#63
4-Bromofluorobenzene
Concen: 58.05 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027359.D
Acq: 22 Sep 2015 5:16

Instrument :
MSVOA_N
ClientSampled :
MW-3B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	677862		
174	60.1	0.0	137.0	
176	58.8	0.0	130.8	

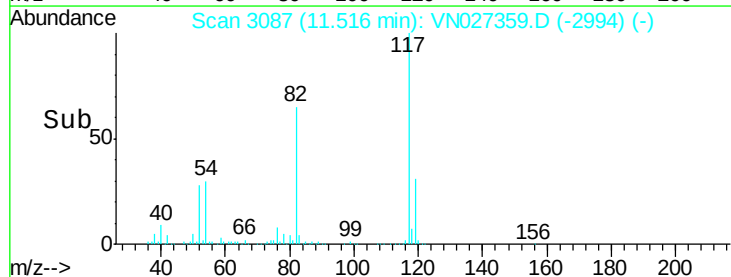
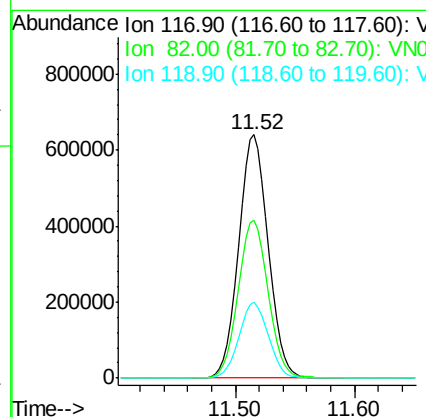
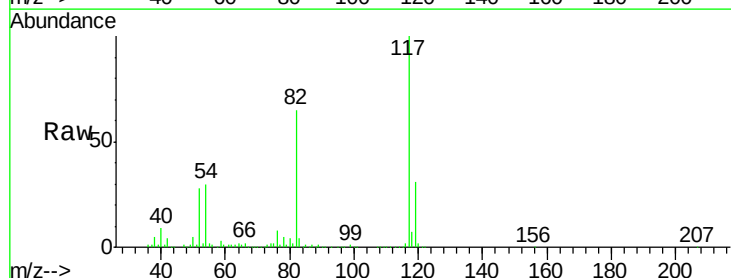
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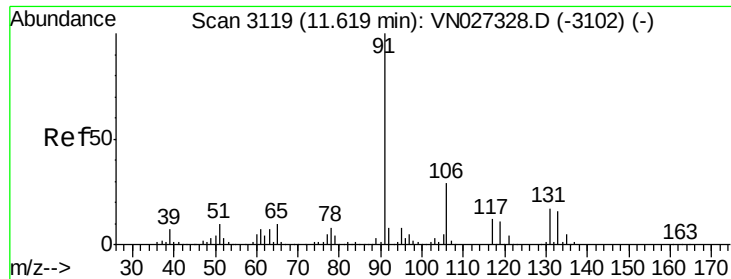
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#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VN027359.D
Acq: 22 Sep 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1096956		
82	64.9	49.6	74.4	
119	31.0	24.6	36.8	





#68

Ethyl Benzene

Concen: 430.07 ug/l m

RT: 11.61 min Scan# 3116

Delta R.T. -0.01 min

Lab File: VN027359.D

Acq: 22 Sep 2015 5:16

Instrument :

MSVOA_N

ClientSampled :

MW-3B

Tot Ion: 91 Resp:19079824

Ion Ratio Lower Upper

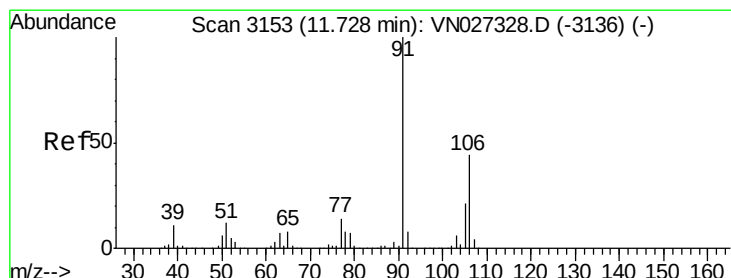
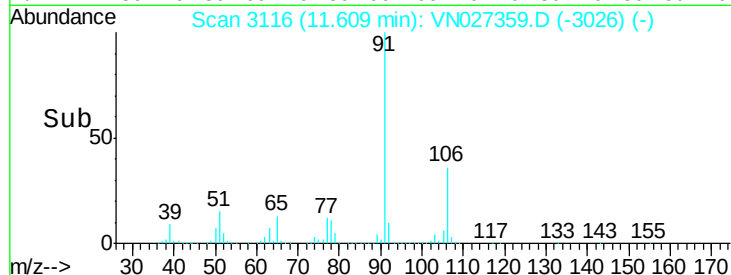
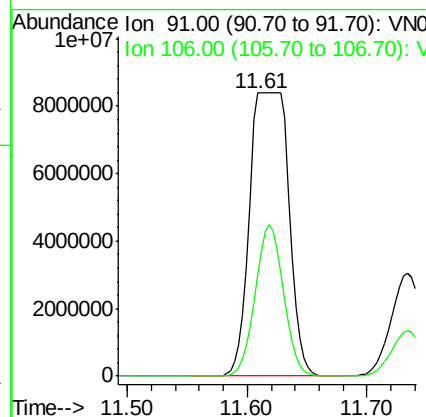
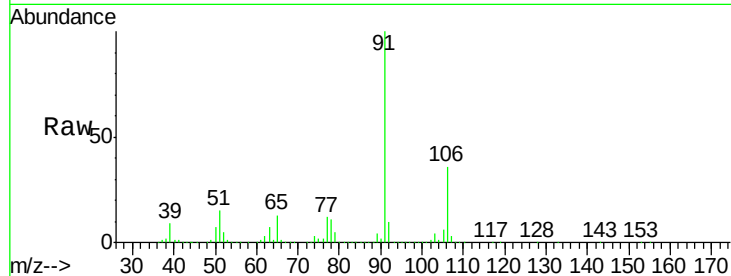
91 100

106 35.7 23.1 34.7#

Manual Integrations
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#69

m/p-Xylenes

Concen: 156.89 ug/l

RT: 11.73 min Scan# 3155

Delta R.T. 0.01 min

Lab File: VN027359.D

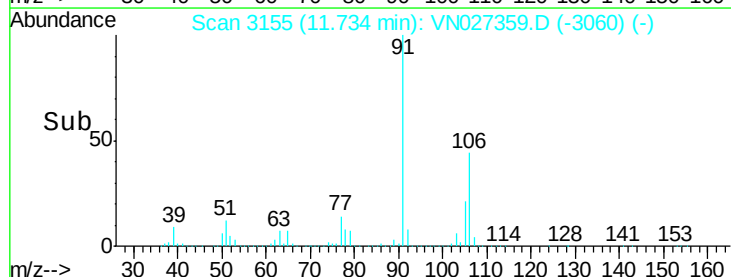
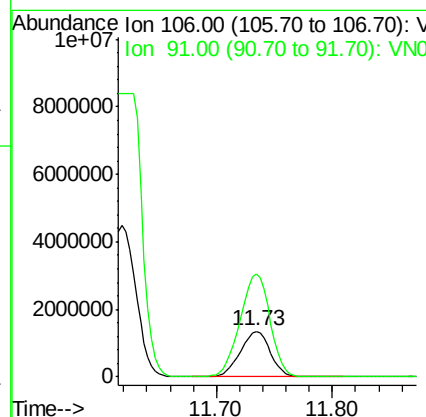
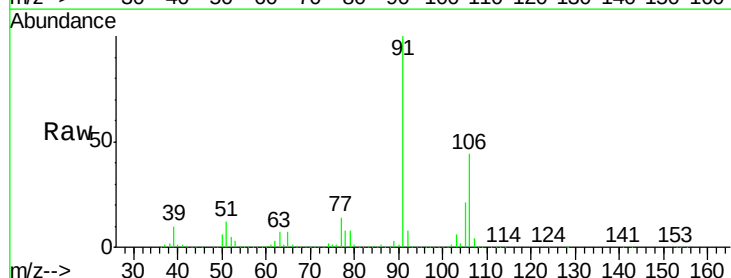
Acq: 22 Sep 2015 5:16

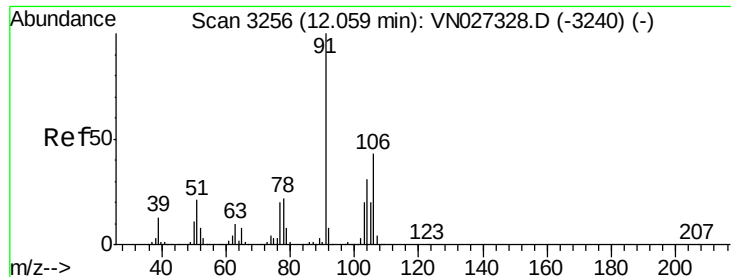
Tgt Ion:106 Resp: 2412904

Ion Ratio Lower Upper

106 100

91 227.2 167.1 250.7





#70

o-Xylene

Concen: 176.25 ug/l

RT: 12.06 min Scan# 3255

Delta R.T. -0.00 min

Lab File: VN027359.D

Acq: 22 Sep 2015 5:16

Instrument :

MSVOA_N

ClientSampled :

MW-3B

Tot Ion:106 Resp: 2739143

Ion Ratio Lower Upper

106 100

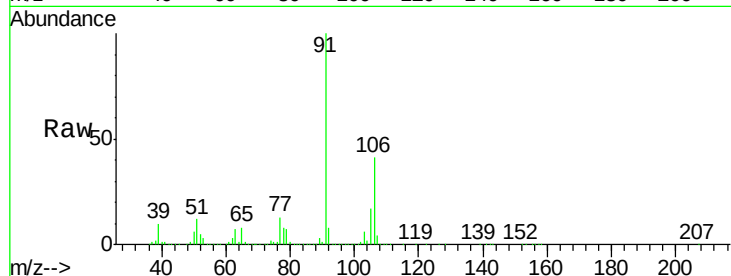
91 240.5 110.7 331.9

Manual Integrations

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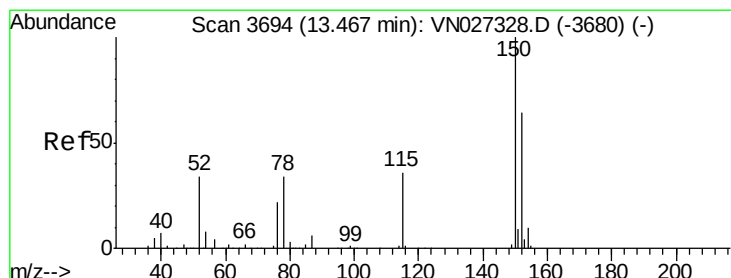
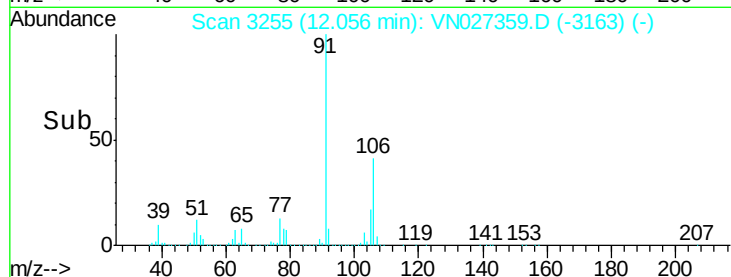
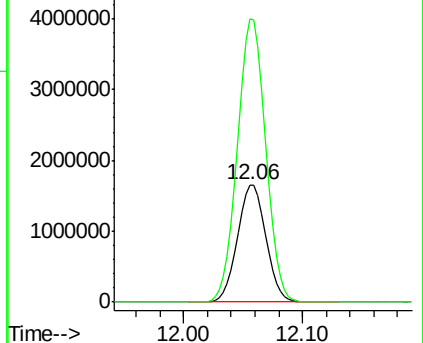
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN027359.D

Acq: 22 Sep 2015 5:16

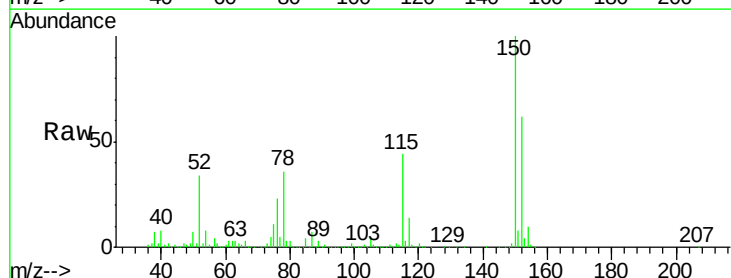
Tgt Ion:152 Resp: 436940

Ion Ratio Lower Upper

152 100

115 78.0 30.8 92.3

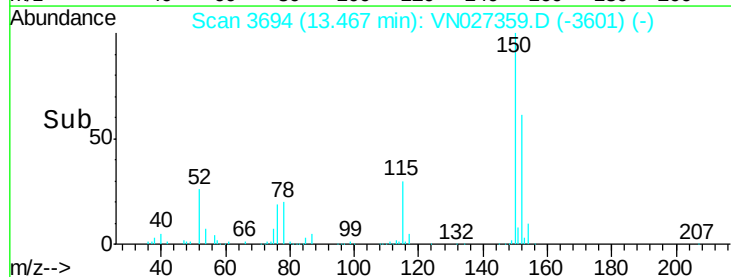
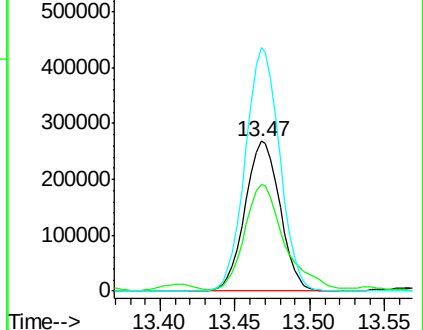
150 159.8 0.0 345.0

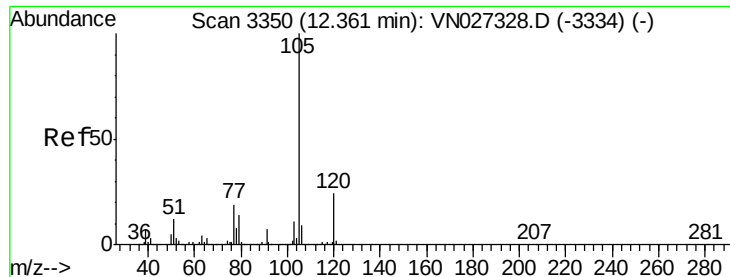


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

Isopropylbenzene

Concen: 29.06 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN027359.D

Acq: 22 Sep 2015 5:16

Instrument :

MSVOA_N

ClientSampled :

MW-3B

Tot Ion:105 Resp: 1271812

Ion Ratio Lower Upper

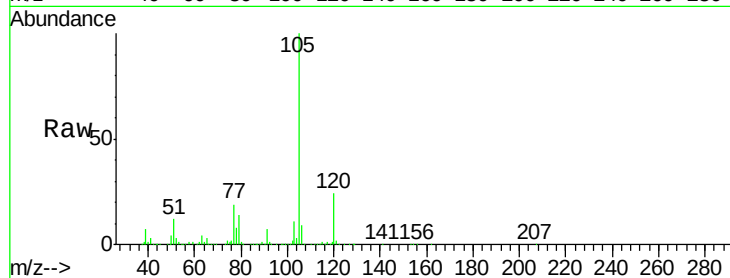
105 100

120 23.8 12.4 37.2

Manual Integrations
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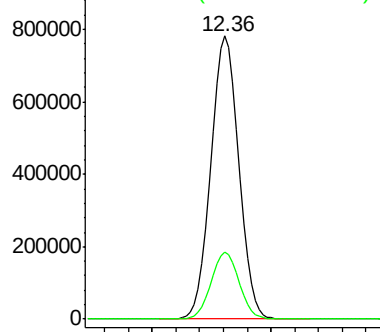
MMDadoda

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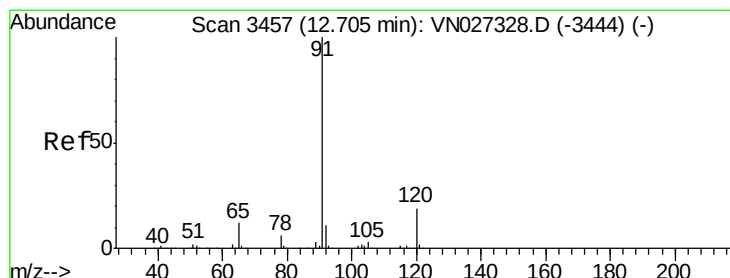
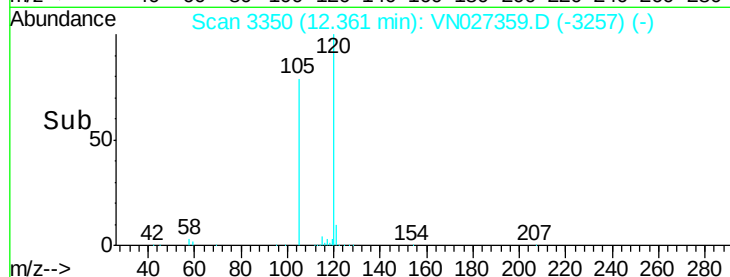


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

n-propylbenzene

Concen: 12.51 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN027359.D

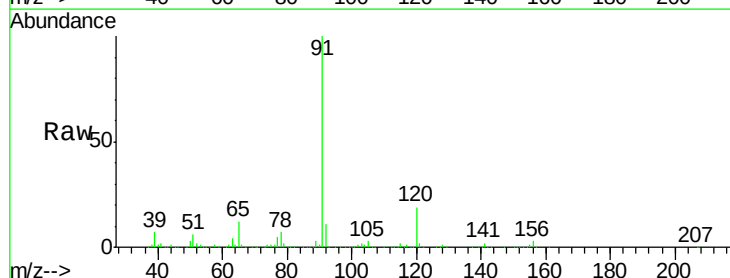
Acq: 22 Sep 2015 5:16

Tgt Ion: 91 Resp: 653283

Ion Ratio Lower Upper

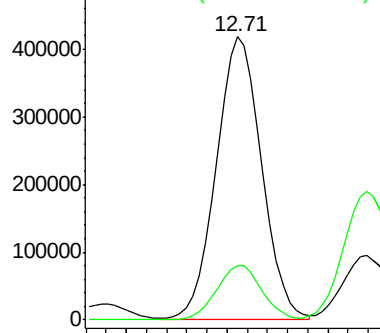
91 100

120 19.5 10.3 30.8

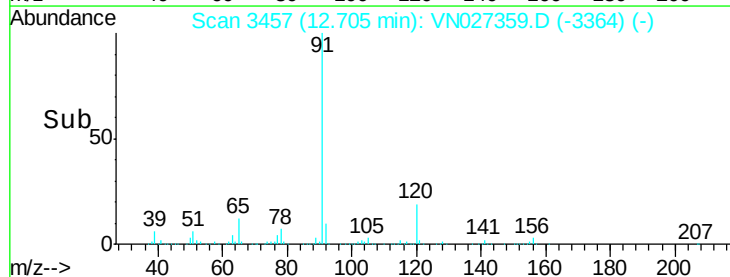


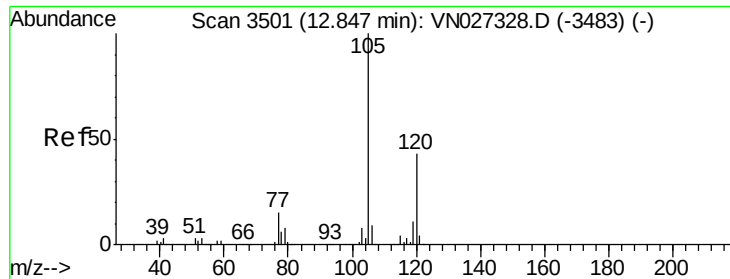
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





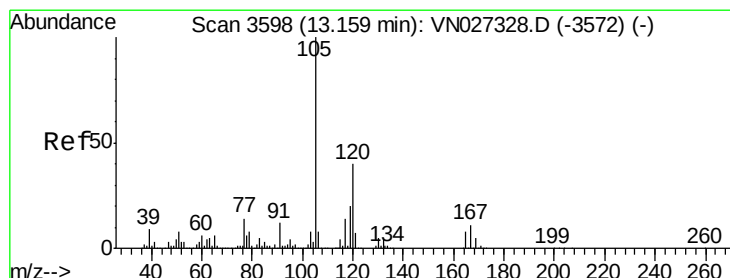
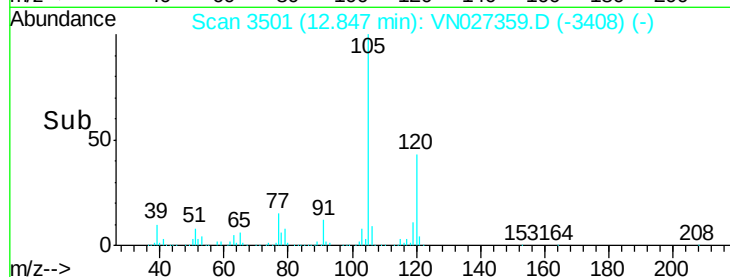
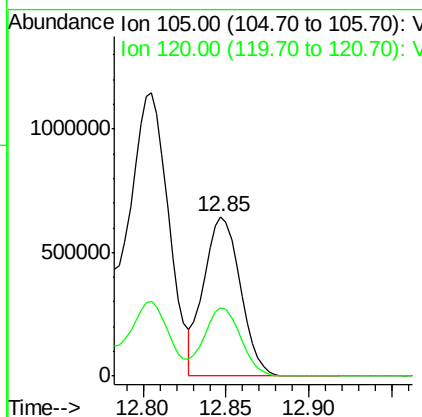
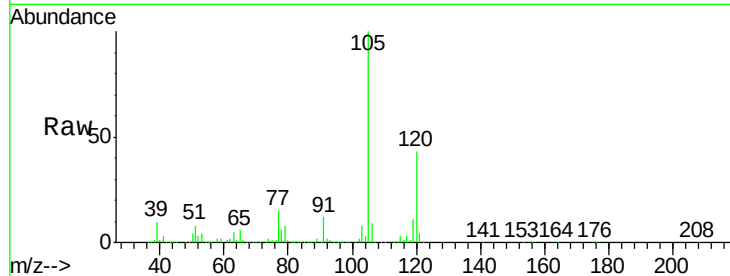
#81
 1,3,5-Trimethylbenzene
 Concen: 28.00 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. -0.00 min
 Lab File: VN027359.D
 Acq: 22 Sep 2015 5:16

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3B

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.8	23.4	70.0

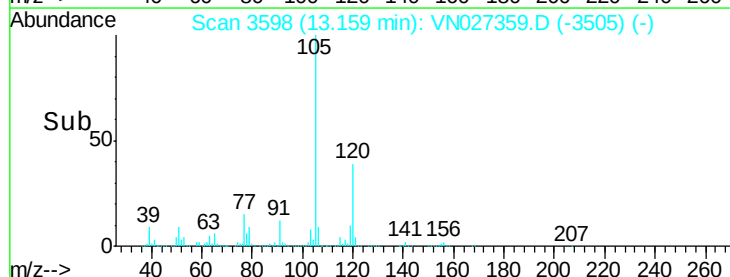
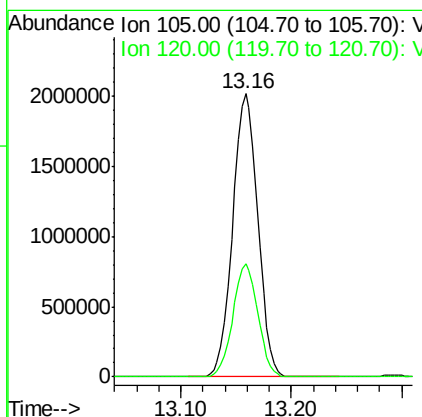
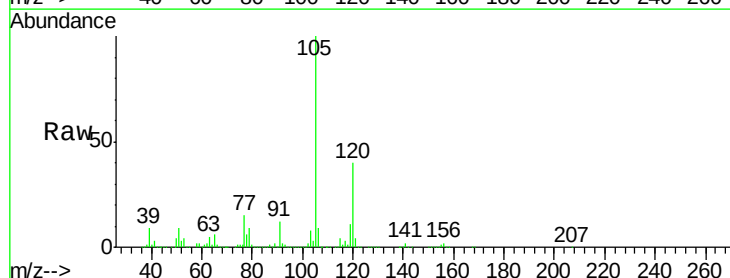
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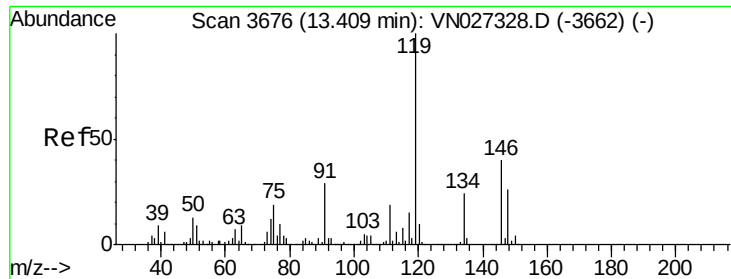
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#85
 1,2,4-Trimethylbenzene
 Concen: 90.32 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN027359.D
 Acq: 22 Sep 2015 5:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	39.8	21.9	65.5





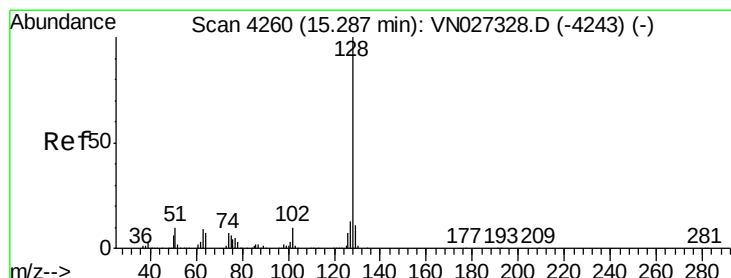
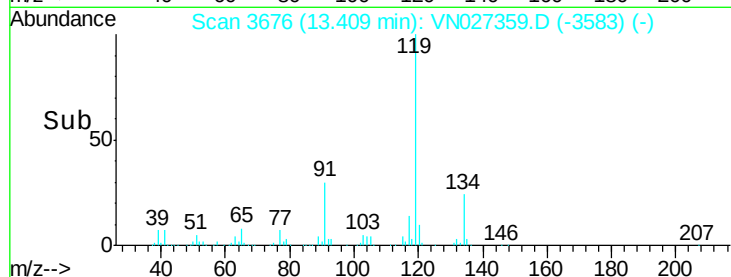
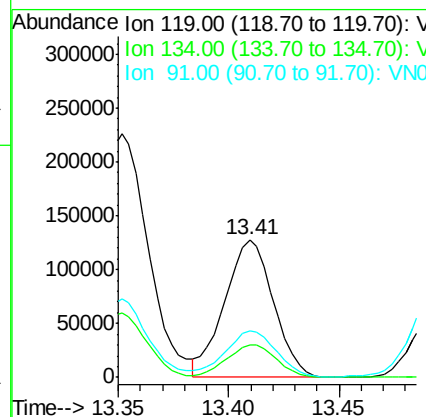
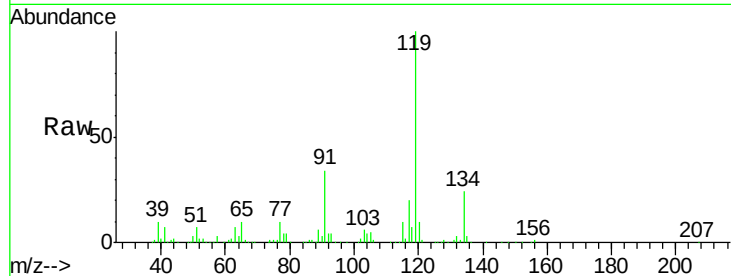
#87
 p-Isopropyltoluene
 Concen: 6.13 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. -0.00 min
 Lab File: VN027359.D
 Acq: 22 Sep 2015 5:16

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3B

Tot Ion	Ratio	Resp	Lower	Upper
119	100	195178		
134	23.8	12.4	37.0	
91	34.8	12.0	36.1	

Manual Integrations
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#96
 Naphthalene
 Concen: 745.24 ug/l m
 RT: 15.28 min Scan# 4257
 Delta R.T. -0.01 min
 Lab File: VN027359.D
 Acq: 22 Sep 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	18763417		
127	0.0	10.4	15.6#	
129	0.0	8.6	12.8#	

