

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053130.D
 Acq On : 22 Dec 2018 14:05
 Operator : MD\SY
 Sample : J6392-11ME 10X
 Misc : 2.94g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218(20-22)ME

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 12:21:39 PM

Quant Time: Dec 23 23:52:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1400221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2147814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1901147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	781750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	660887	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	7.59	113	553651	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
50) Toluene-d8	10.09	98	2641136	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	863939	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	447847	17.529	ug/l #	66
39) Methylcyclohexane	9.08	83	771249	30.796	ug/l	93
40) Benzene	8.04	78	220858	3.602	ug/l	98
52) Toluene	10.16	92	9811107	258.135	ug/l	95
67) Ethyl Benzene	11.51	91	11636871	160.564	ug/l	99
68) m/p-Xylenes	11.62	106	15694063	569.619	ug/l #	1
69) o-Xylene	11.95	106	5982692	226.289	ug/l	100
73) Isopropylbenzene	12.25	105	2230273	36.463	ug/l	100
78) n-propylbenzene	12.59	91	3769908	54.117	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	4146279	83.167	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	13905241	277.449	ug/l	99
85) sec-Butylbenzene	13.17	105	325657m	5.460	ug/l	
86) p-Isopropyltoluene	13.29	119	3514531	68.200	ug/l	100
89) n-Butylbenzene	13.62	91	537504	12.124	ug/l #	72
95) Naphthalene	15.13	128	1167697	38.266	ug/l	100

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

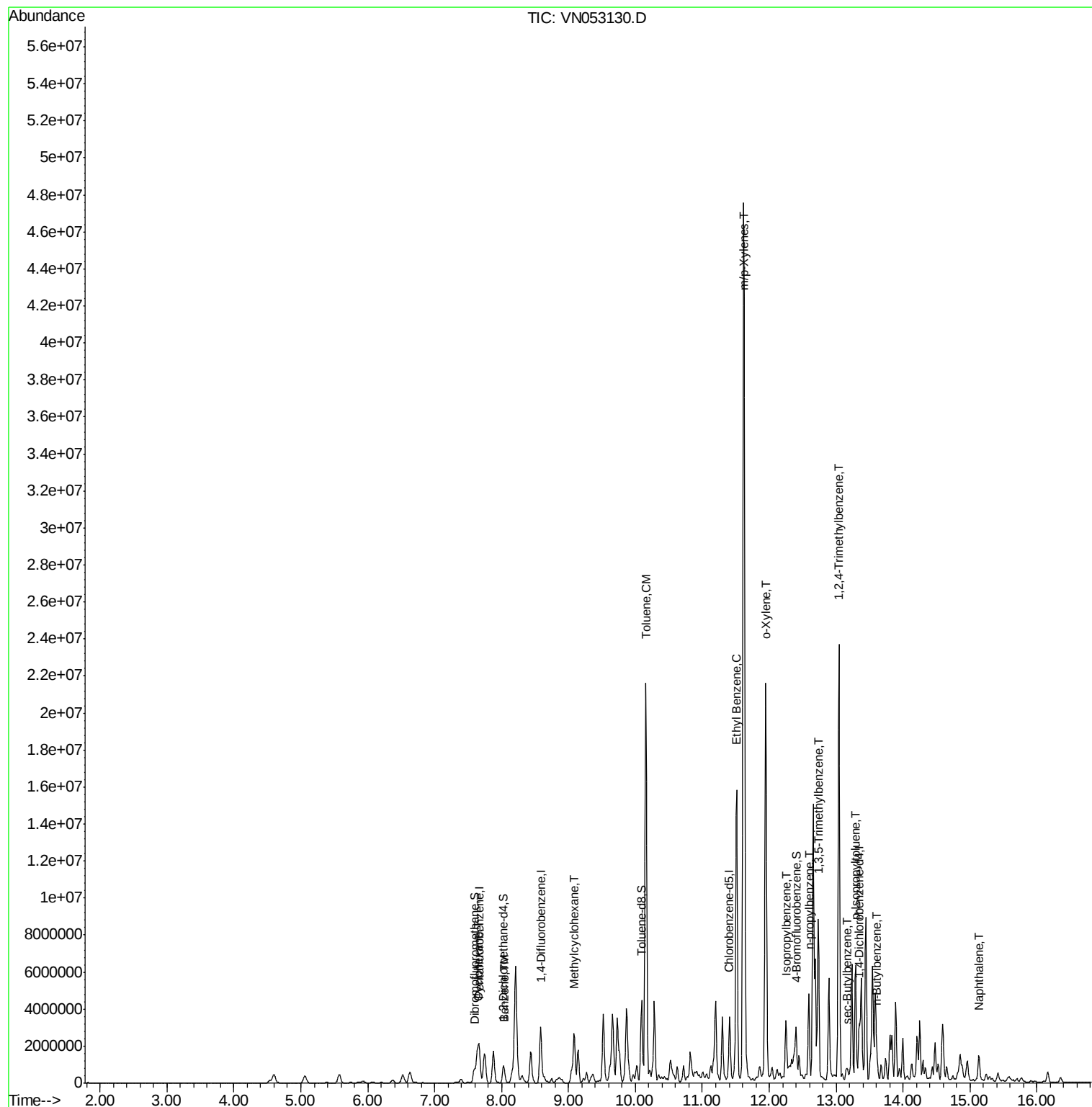
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
Data File : VN053130.D
Acq On : 22 Dec 2018 14:05
Operator : MD\SY
Sample : J6392-11ME 10X
Misc : 2.94g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 28

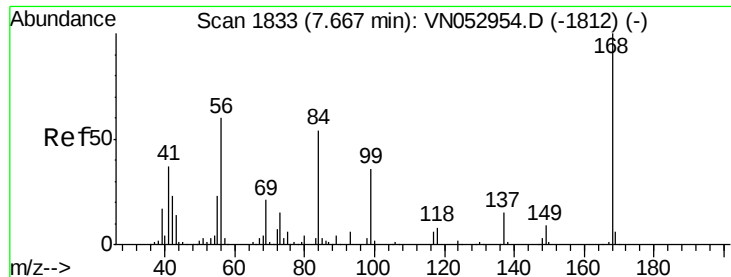
Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)ME

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
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: VN053130.D

Acq: 22 Dec 2018 14:05

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218(20-22)ME

Tgt Ion:168 Resp: 1400221

Ion Ratio Lower Upper

168 100

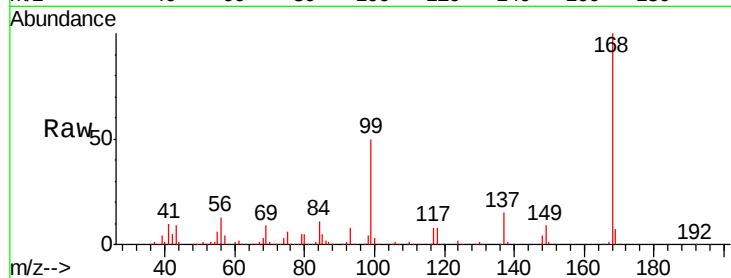
99 49.6 40.2 60.2

Manual Integrations

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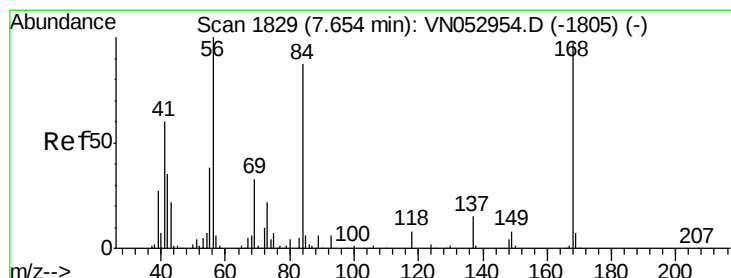
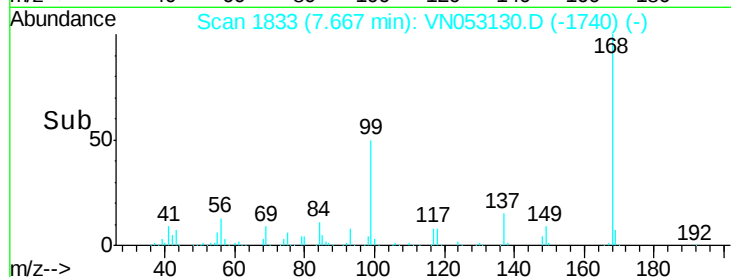
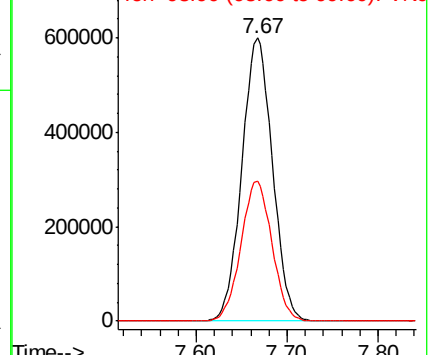
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#31

Cyclohexane

Concen: 17.529 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN053130.D

Acq: 22 Dec 2018 14:05

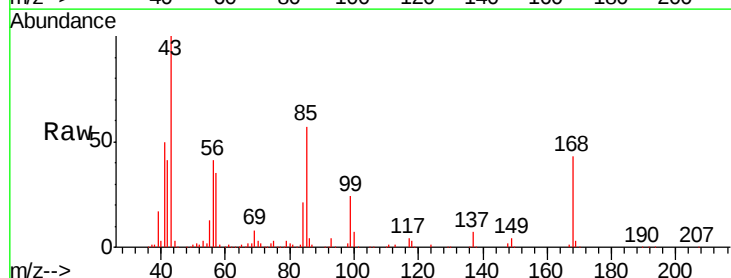
Tgt Ion: 56 Resp: 447847

Ion Ratio Lower Upper

56 100

69 16.8 26.6 39.8#

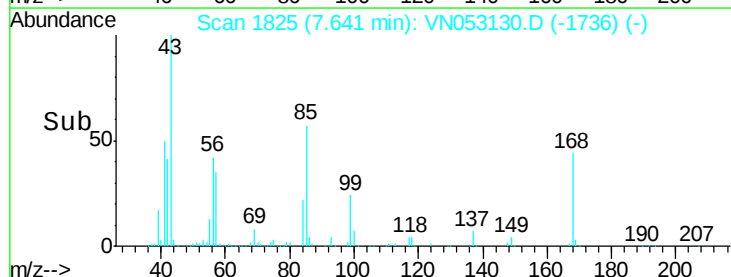
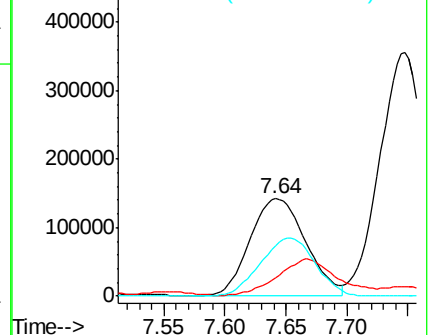
84 52.0 68.4 102.6#

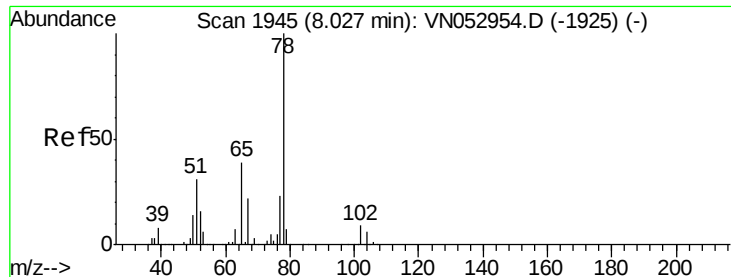


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO





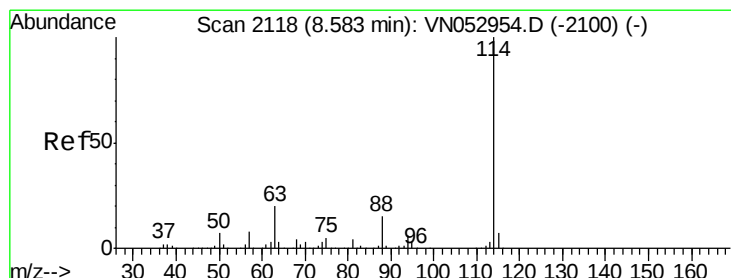
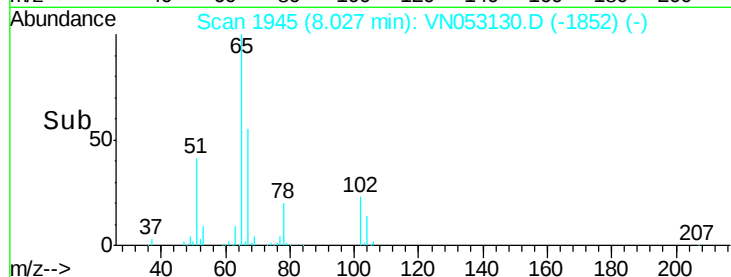
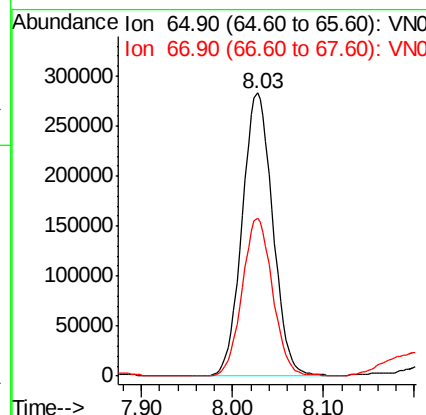
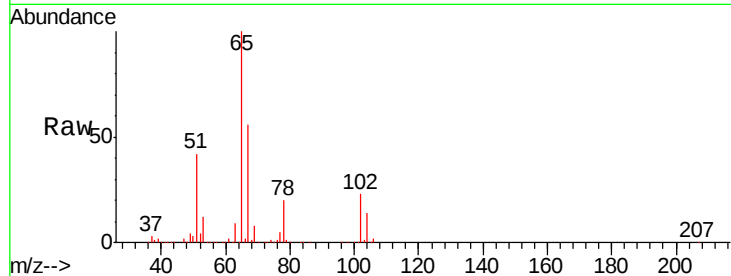
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053130.D
 Acq: 22 Dec 2018 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion: 65 Resp: 660887
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4

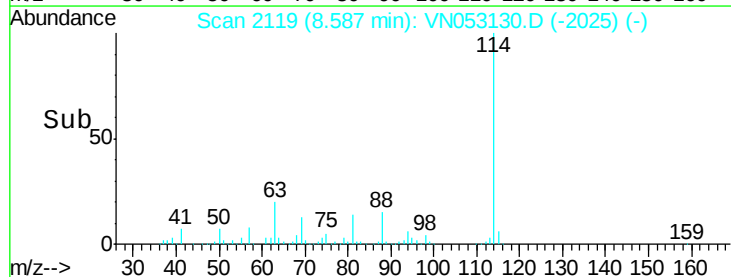
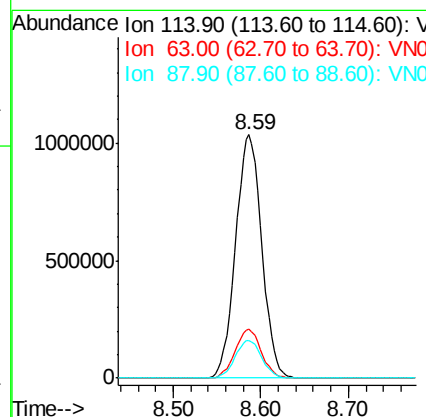
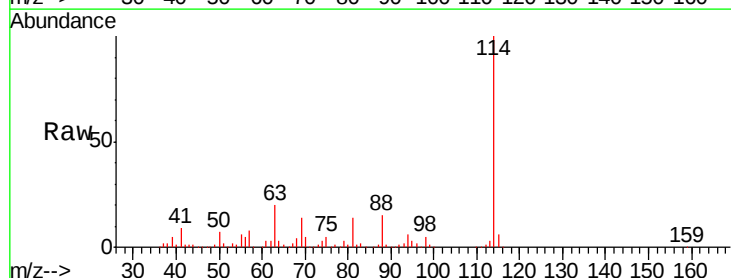
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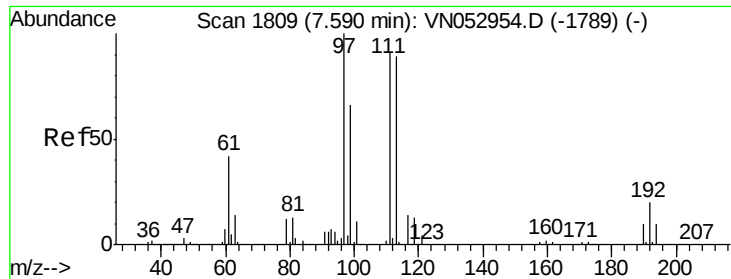
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053130.D
 Acq: 22 Dec 2018 14:05

Tgt Ion: 114 Resp: 2147814
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053130.D

Acq: 22 Dec 2018 14:05

Instrument :

MSVOA_N

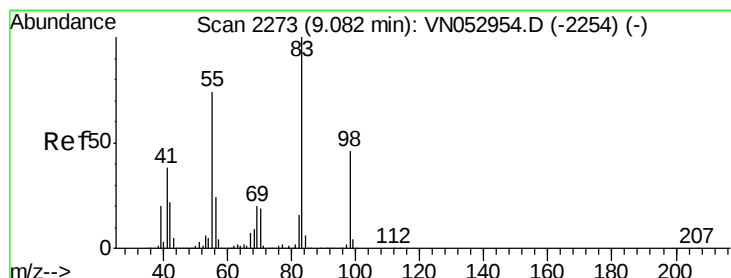
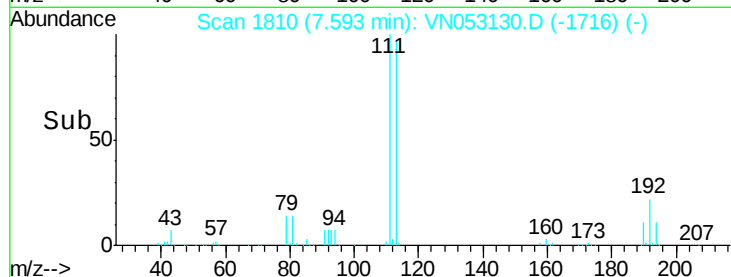
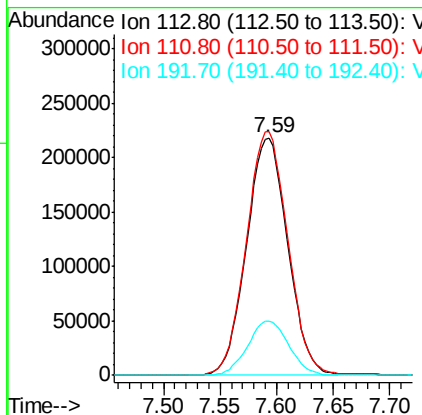
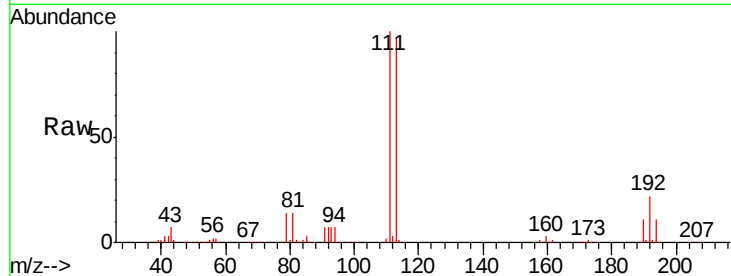
ClientSampleId :

KY001SB104-121218(20-22)ME

Tgt Ion:	113	Resp:	553651
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.0	124.4
192	22.8	17.5	26.3

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#39

Methylcyclohexane

Concen: 30.796 ug/l

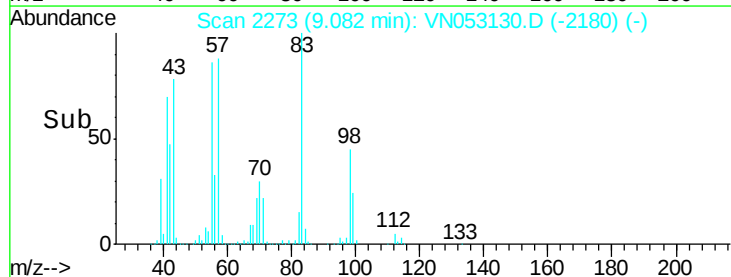
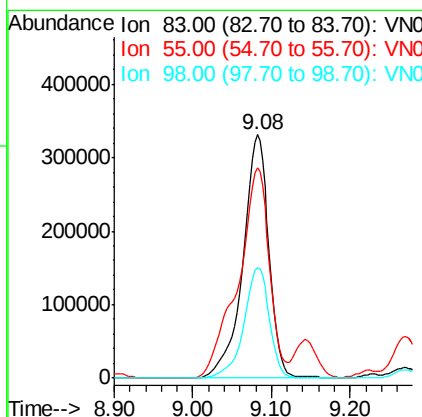
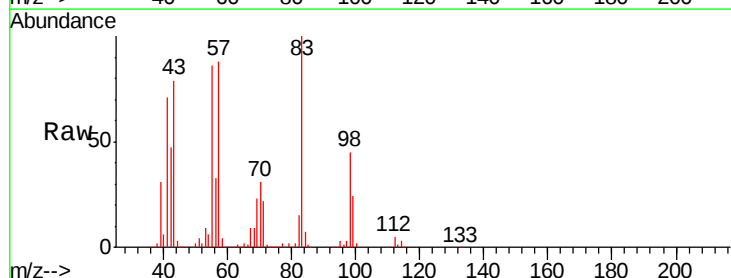
RT: 9.08 min Scan# 2273

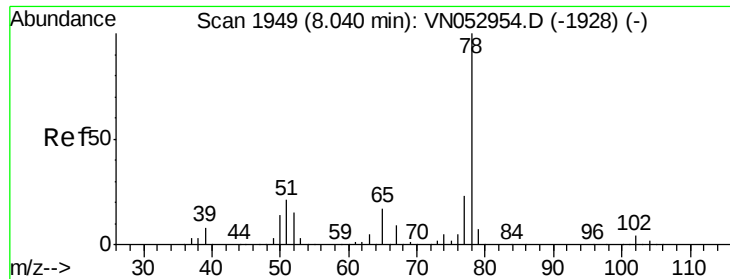
Delta R.T. -0.00 min

Lab File: VN053130.D

Acq: 22 Dec 2018 14:05

Tgt Ion:	83	Resp:	771249
Ion Ratio	Lower	Upper	
83	100		
55	86.2	61.3	91.9
98	45.5	37.0	55.4





#40

Benzene

Concen: 3.602 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053130.D

Acq: 22 Dec 2018 14:05

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218(20-22)ME

Tgt Ion: 78 Resp: 220858

Ion Ratio Lower Upper

78 100

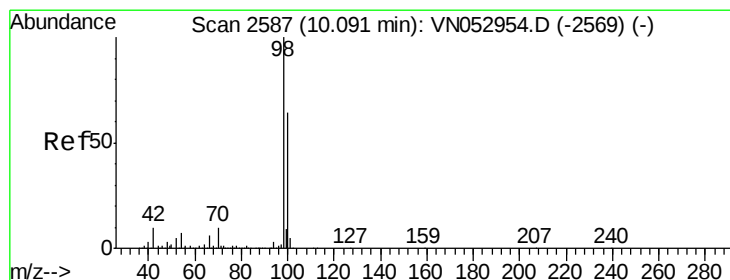
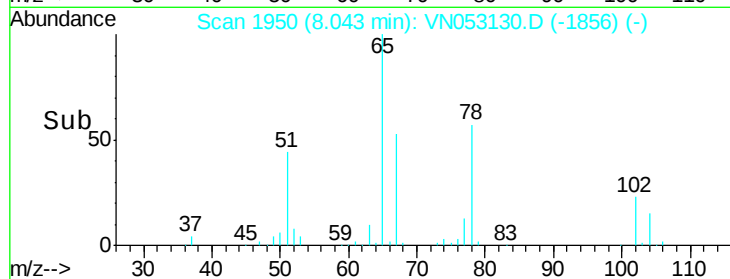
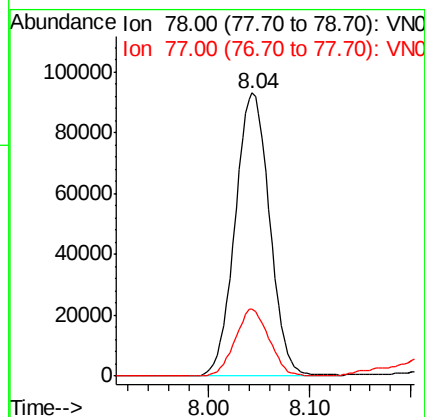
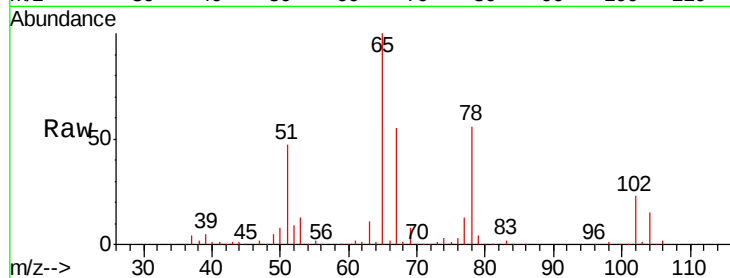
77 23.9 18.5 27.7

Manual Integrations

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#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053130.D

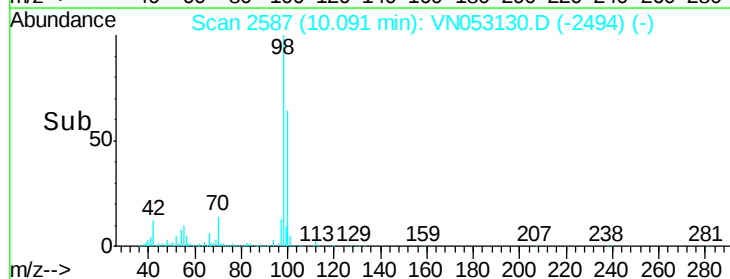
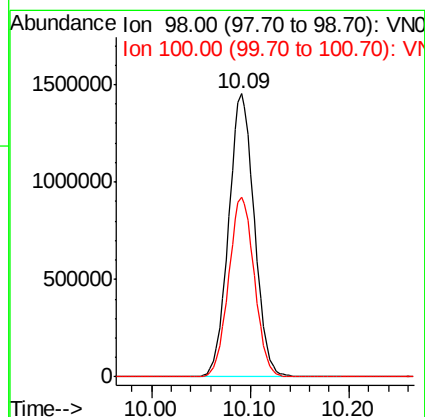
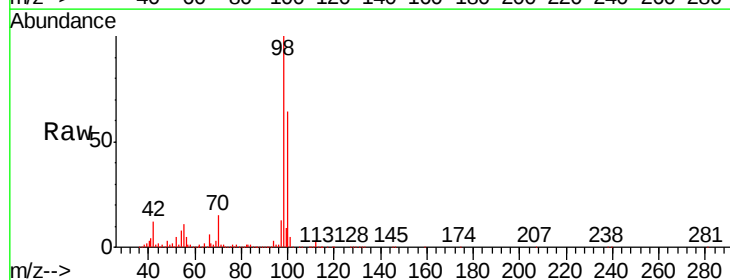
Acq: 22 Dec 2018 14:05

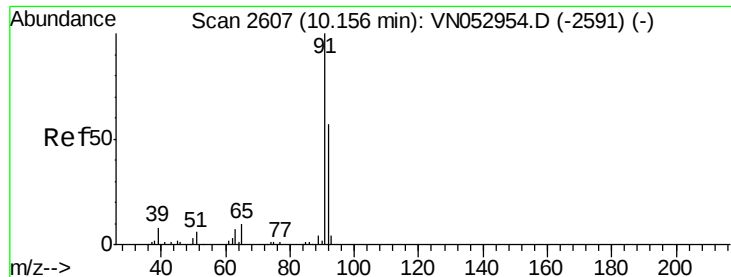
Tgt Ion: 98 Resp: 2641136

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4





#52

Toluene

Concen: 258.135 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053130.D

Acq: 22 Dec 2018 14:05

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218(20-22)ME

Tgt Ion: 92 Resp: 9811107

Ion Ratio Lower Upper

92 100

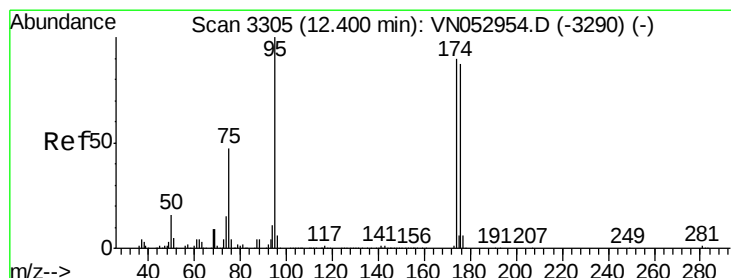
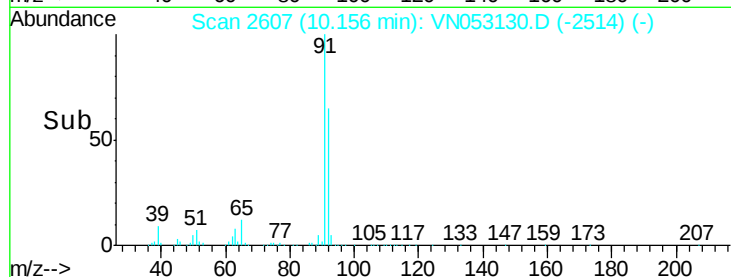
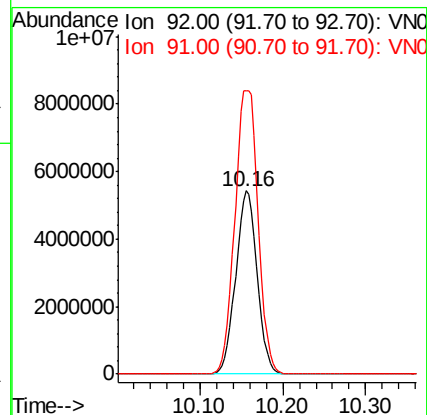
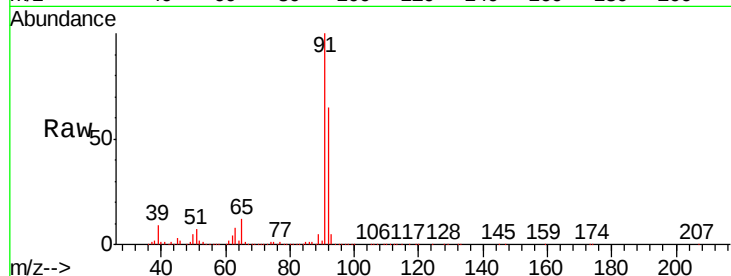
91 168.0 139.8 209.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053130.D

Acq: 22 Dec 2018 14:05

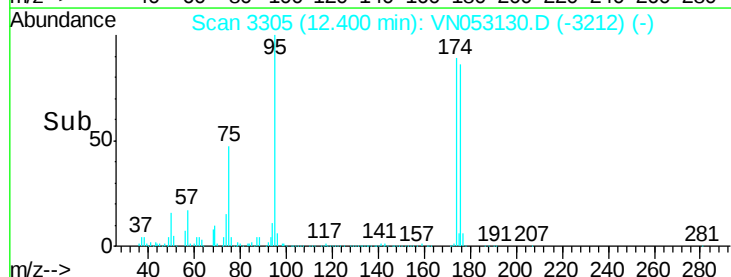
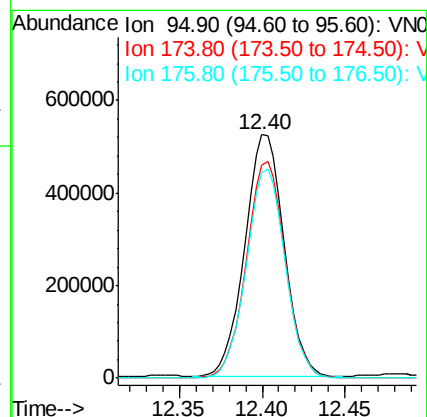
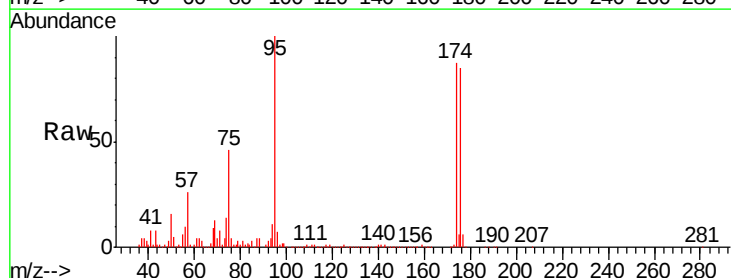
Tgt Ion: 95 Resp: 863939

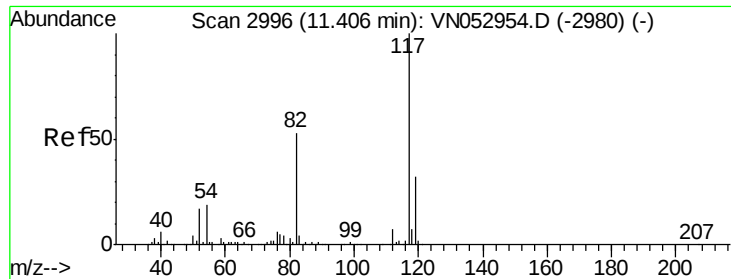
Ion Ratio Lower Upper

95 100

174 87.9 0.0 178.8

176 85.6 0.0 173.8





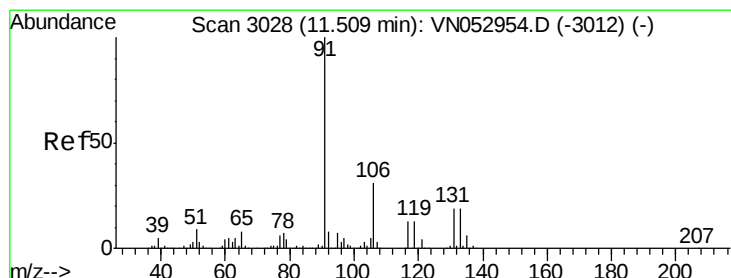
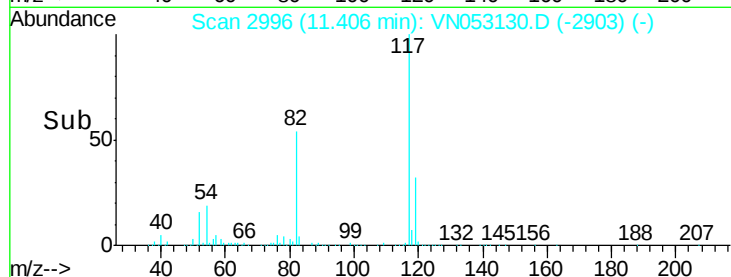
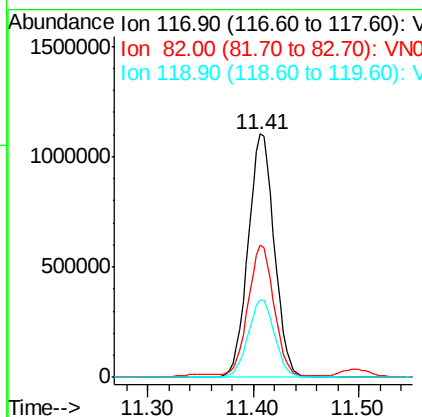
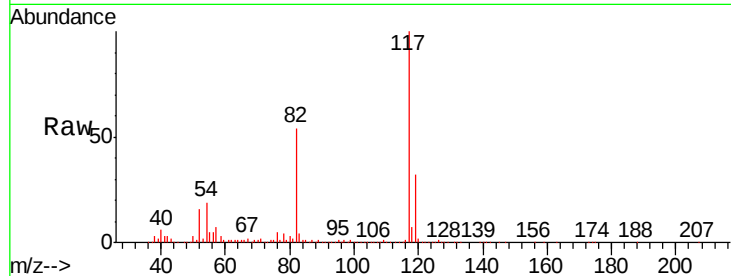
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053130.D
Acq: 22 Dec 2018 14:05

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)ME

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.8	64.2
119	32.0	25.5	38.3

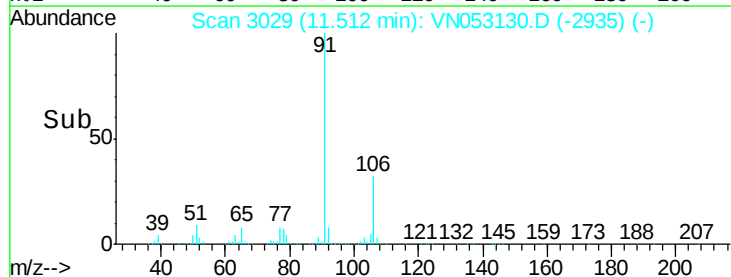
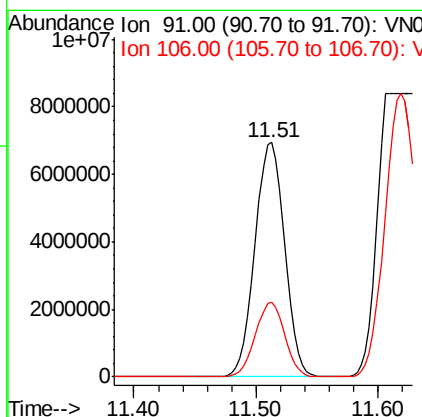
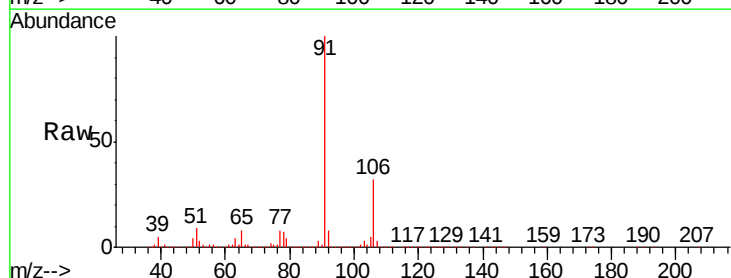
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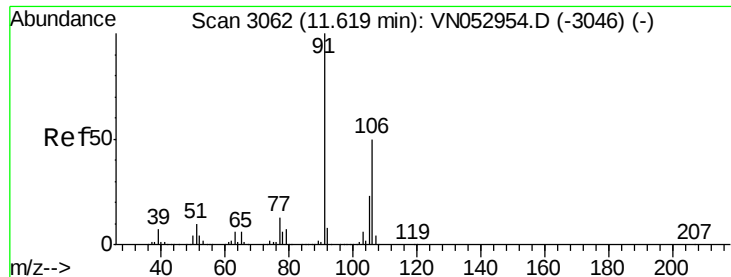
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#67
Ethyl Benzene
Concen: 160.564 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053130.D
Acq: 22 Dec 2018 14:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.9	37.3





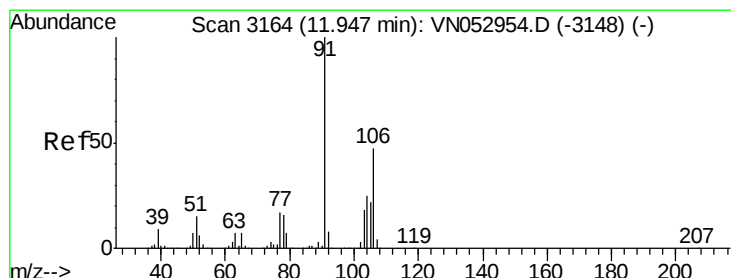
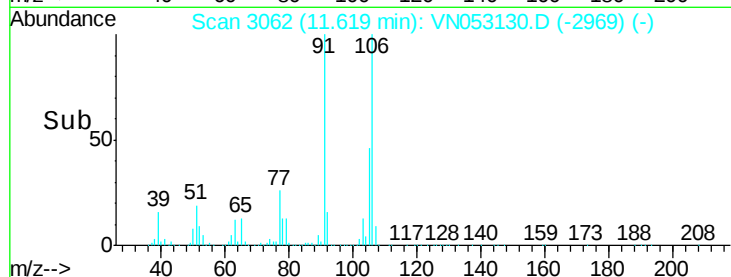
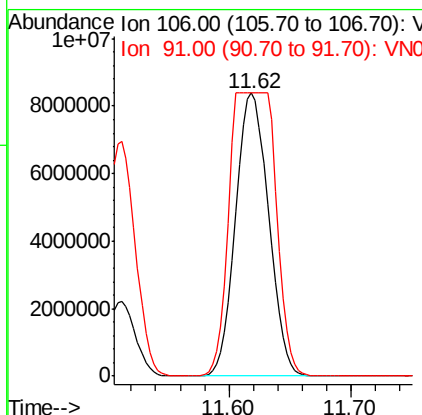
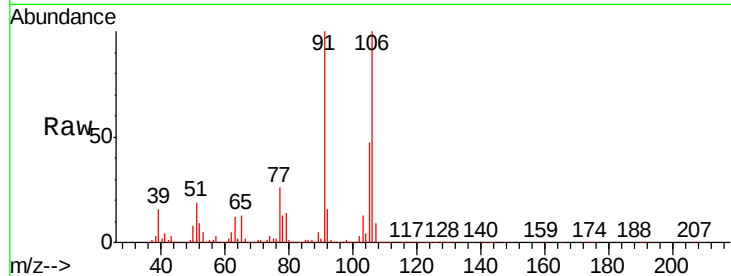
#68
m/p-Xylenes
Concen: 569.619 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053130.D
Acq: 22 Dec 2018 14:05

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)ME

Tgt Ion:106 Resp:15694063
Ion Ratio Lower Upper
106 100
91 0.0 162.2 243.4#

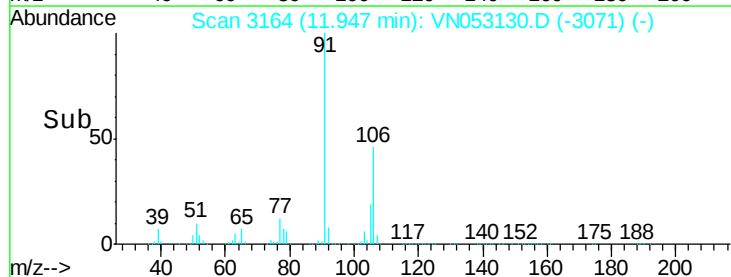
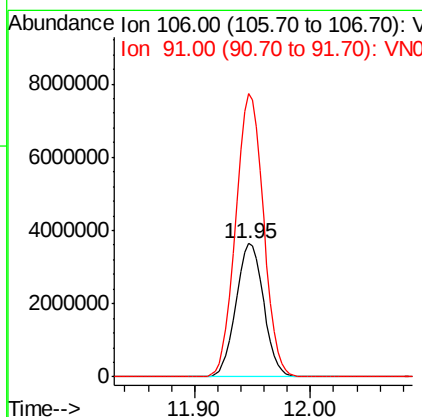
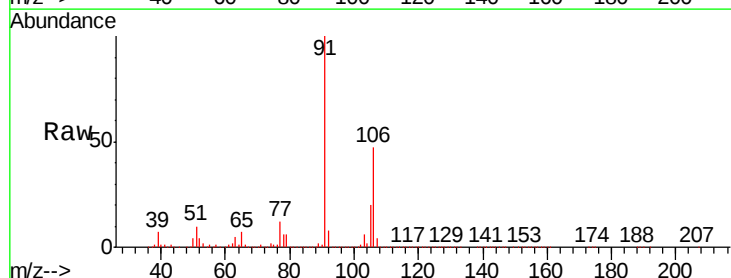
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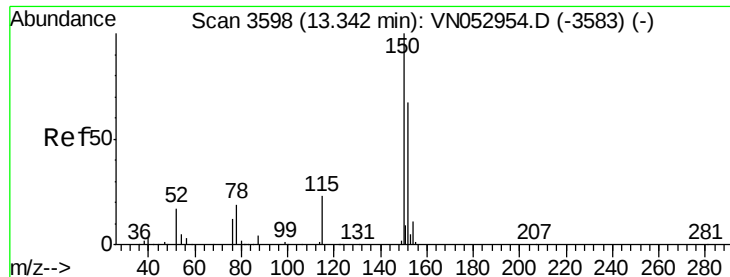
MMDadoda
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#69
o-Xylene
Concen: 226.289 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053130.D
Acq: 22 Dec 2018 14:05

Tgt Ion:106 Resp: 5982692
Ion Ratio Lower Upper
106 100
91 213.3 106.6 319.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053130.D

Acq: 22 Dec 2018 14:05

Instrument :

MSVOA_N

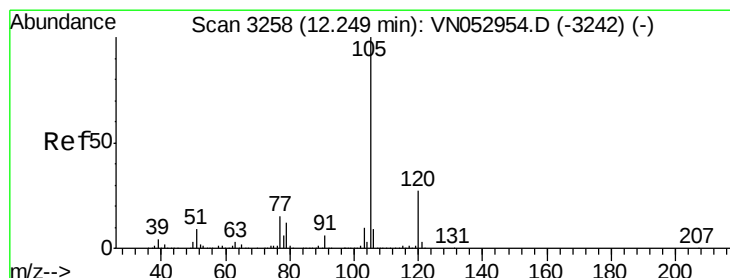
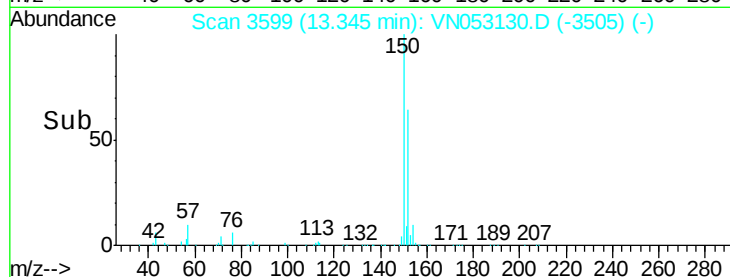
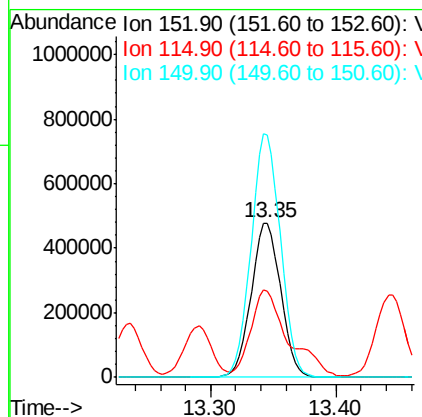
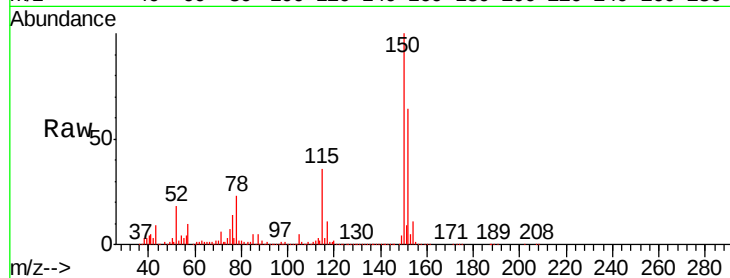
ClientSampleId :

KY001SB104-121218(20-22)ME

Tgt Ion	Ratio	Lower	Upper
152	100		
115	71.2	28.3	85.0
150	157.2	0.0	347.8

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#73

Isopropylbenzene

Concen: 36.463 ug/l

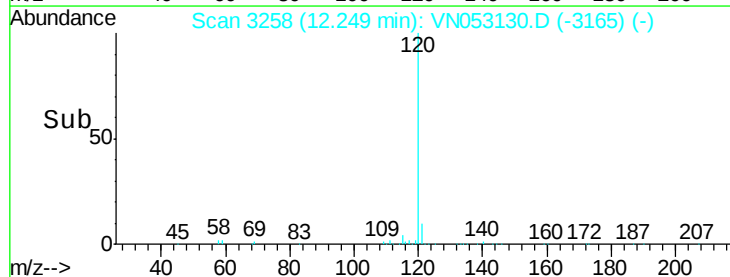
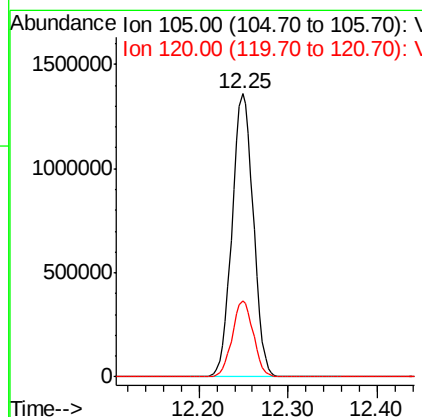
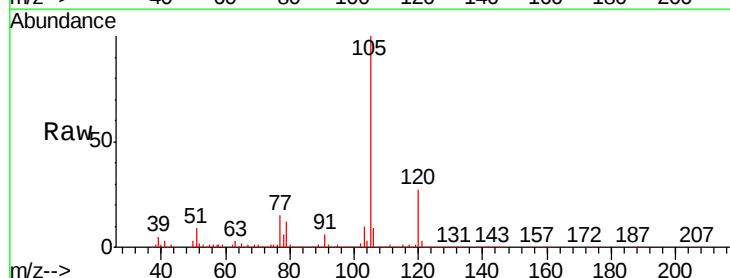
RT: 12.25 min Scan# 3258

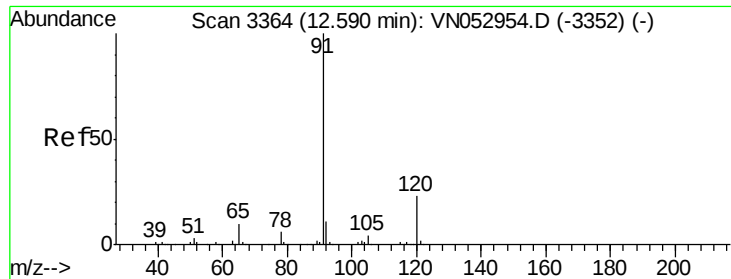
Delta R.T. -0.00 min

Lab File: VN053130.D

Acq: 22 Dec 2018 14:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9





#78

n-propylbenzene

Concen: 54.117 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053130.D

Acq: 22 Dec 2018 14:05

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218(20-22)ME

Tgt Ion: 91 Resp: 3769908

Ion Ratio Lower Upper

91 100

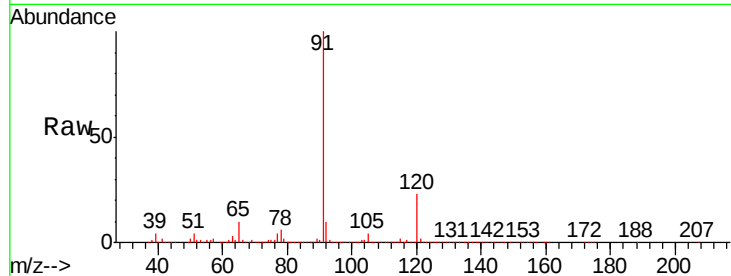
120 23.3 11.5 34.5

Manual Integrations

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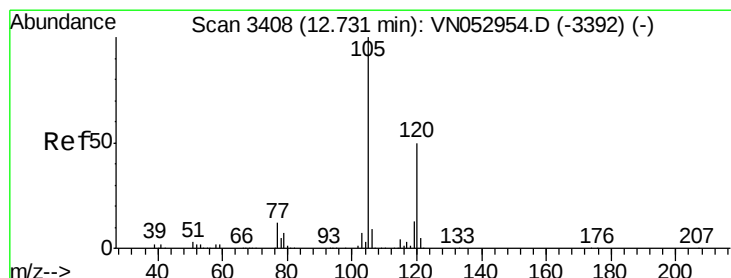
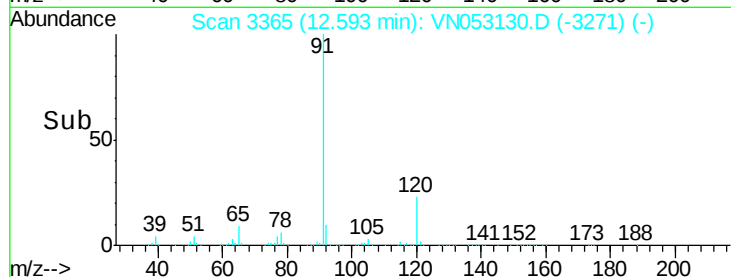
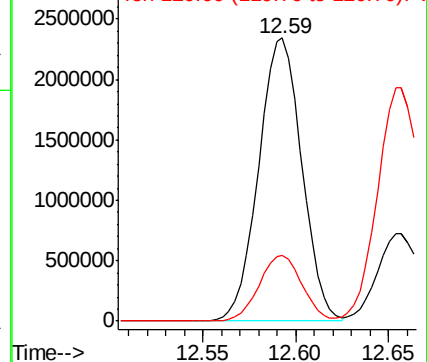
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Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 83.167 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053130.D

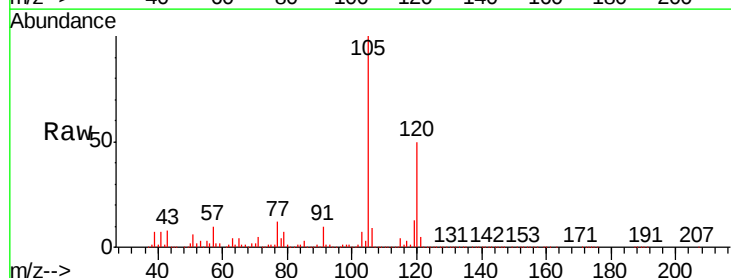
Acq: 22 Dec 2018 14:05

Tgt Ion: 105 Resp: 4146279

Ion Ratio Lower Upper

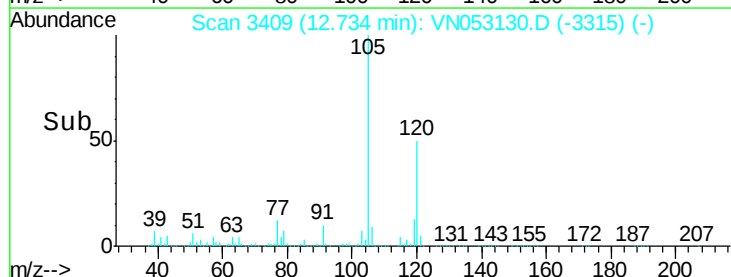
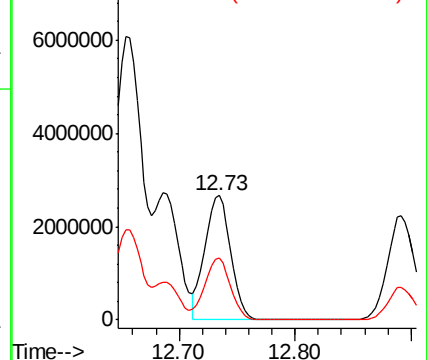
105 100

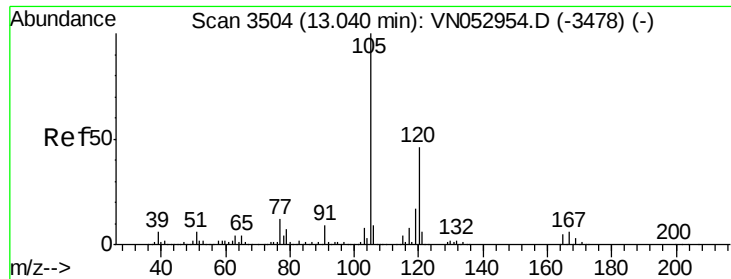
120 50.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)





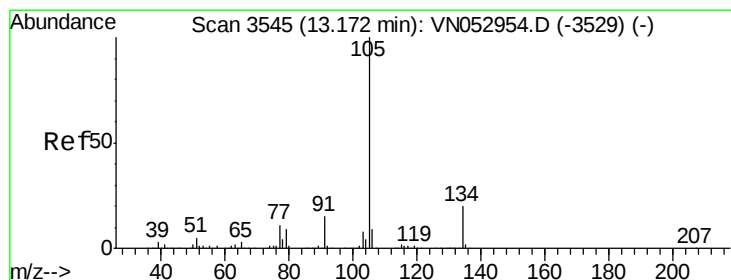
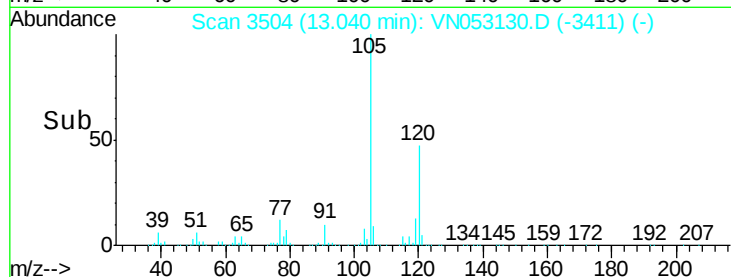
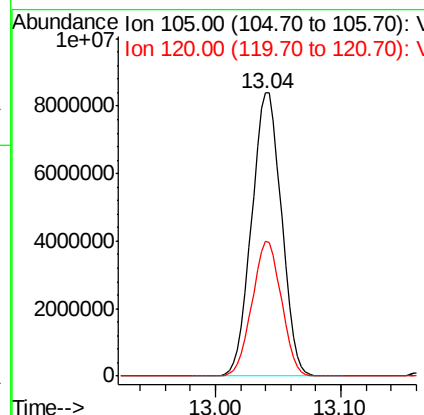
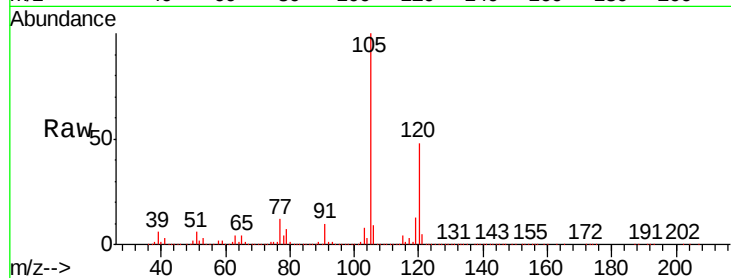
#84
 1,2,4-Trimethylbenzene
 Concen: 277.449 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053130.D
 Acq: 22 Dec 2018 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218(20-22)ME

Tgt Ion:105 Resp:13905241
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.9 68.8

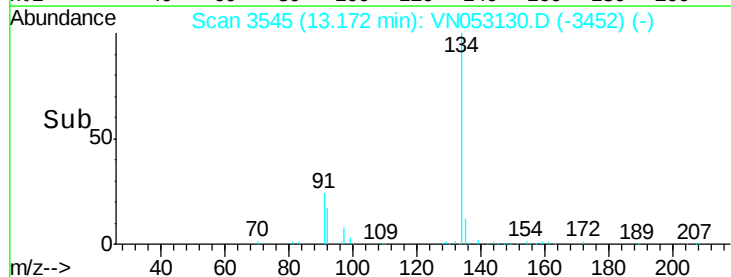
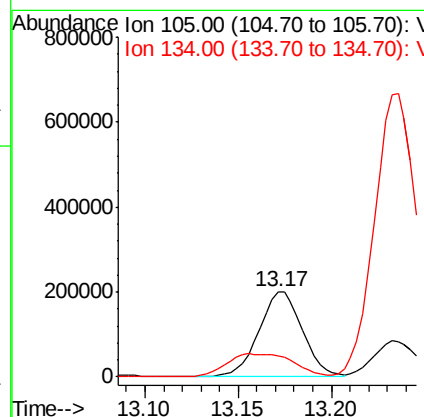
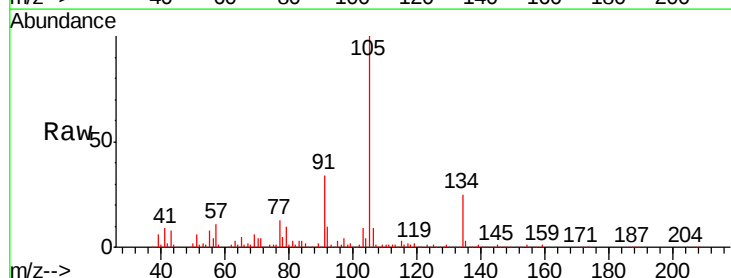
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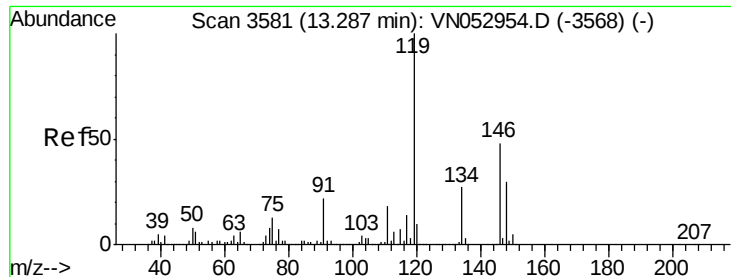
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#85
 sec-Butylbenzene
 Concen: 5.460 ug/l m
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053130.D
 Acq: 22 Dec 2018 14:05

Tgt Ion:105 Resp: 325657
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#





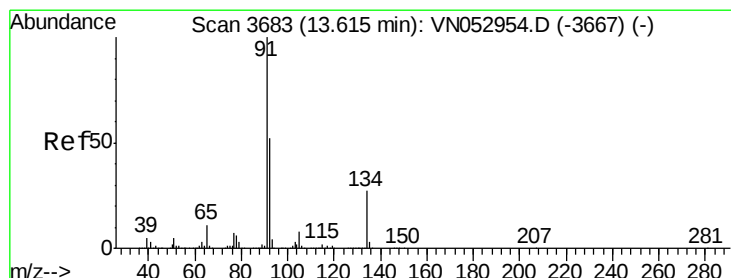
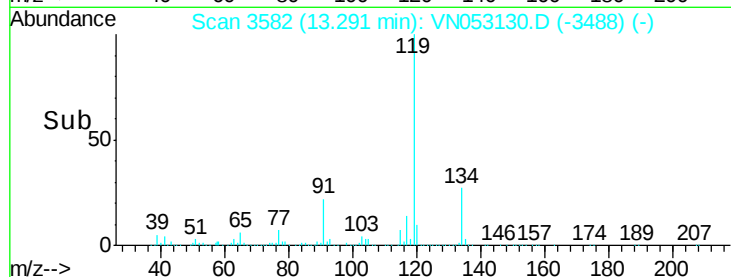
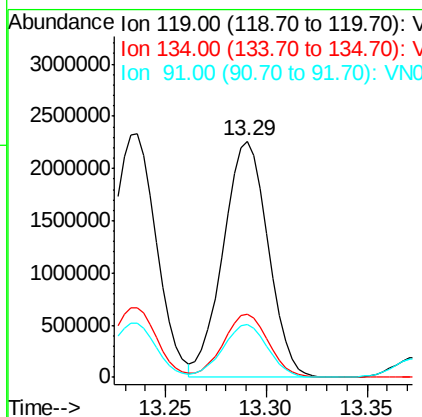
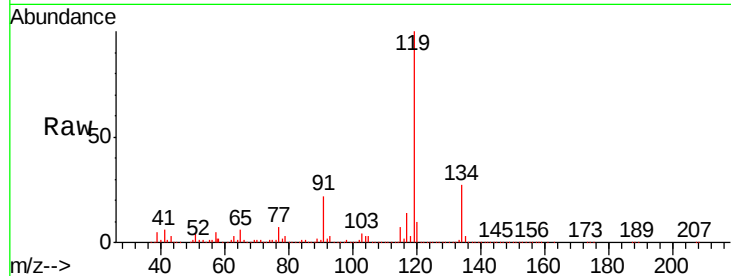
#86
p-Isopropyltoluene
Concen: 68.200 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053130.D
Acq: 22 Dec 2018 14:05

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)ME

Tgt Ion: 119 Resp: 3514531
Ion Ratio Lower Upper
119 100
134 26.9 13.4 40.2
91 22.2 11.1 33.3

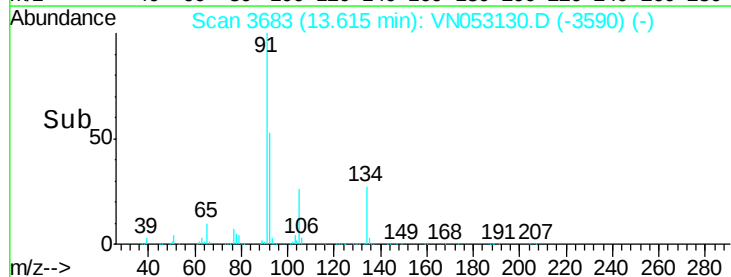
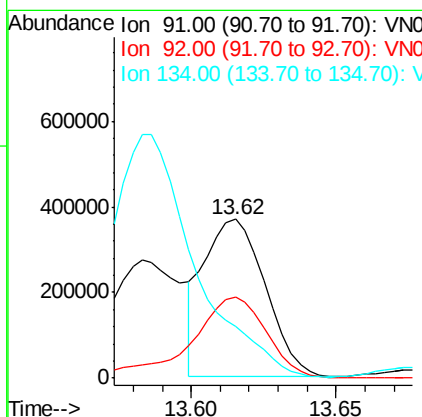
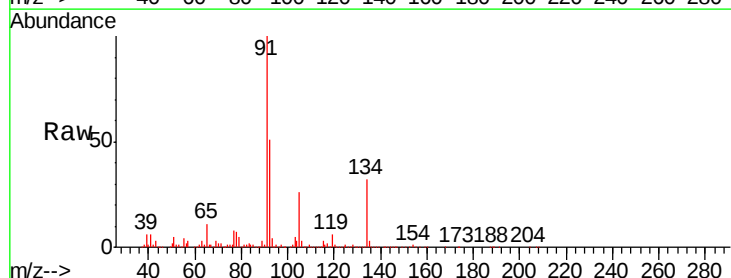
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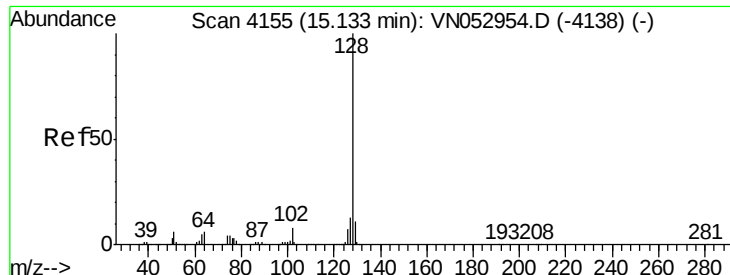
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#89
n-Butylbenzene
Concen: 12.124 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053130.D
Acq: 22 Dec 2018 14:05

Tgt Ion: 91 Resp: 537504
Ion Ratio Lower Upper
91 100
92 63.5 26.3 78.9
134 0.0 13.3 39.8#





#95
Naphthalene
Concen: 38.266 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053130.D
Acq: 22 Dec 2018 14:05

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.6	13.0

Manual Integrations
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