

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053119.D
 Acq On : 21 Dec 2018 22:57
 Operator : MD\SY
 Sample : J6392-20MEDL 20X
 Misc : 6.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 29 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB106-121218-(20-22)MEDL

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 10:50:08 AM

Quant Time: Dec 22 10:56:59 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	1257839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1921934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1776221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	813074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	609841	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	7.59	113	495144	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
50) Toluene-d8	10.09	98	2366069	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	845731	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	112934	5.040	ug/l	95
67) Ethyl Benzene	11.51	91	859026	12.686	ug/l	100
68) m/p-Xylenes	11.62	106	495996	19.268	ug/l	99
69) o-Xylene	11.95	106	280185	11.343	ug/l	100
73) Isopropylbenzene	12.25	105	337250	5.301	ug/l	100
78) n-propylbenzene	12.59	91	643611	8.883	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	679483	13.104	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2334185	44.779	ug/l	99
85) sec-Butylbenzene	13.17	105	65800m	1.061	ug/l	
89) n-Butylbenzene	13.62	91	99159	2.150	ug/l #	74
95) Naphthalene	15.14	128	193431	7.059	ug/l	98

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

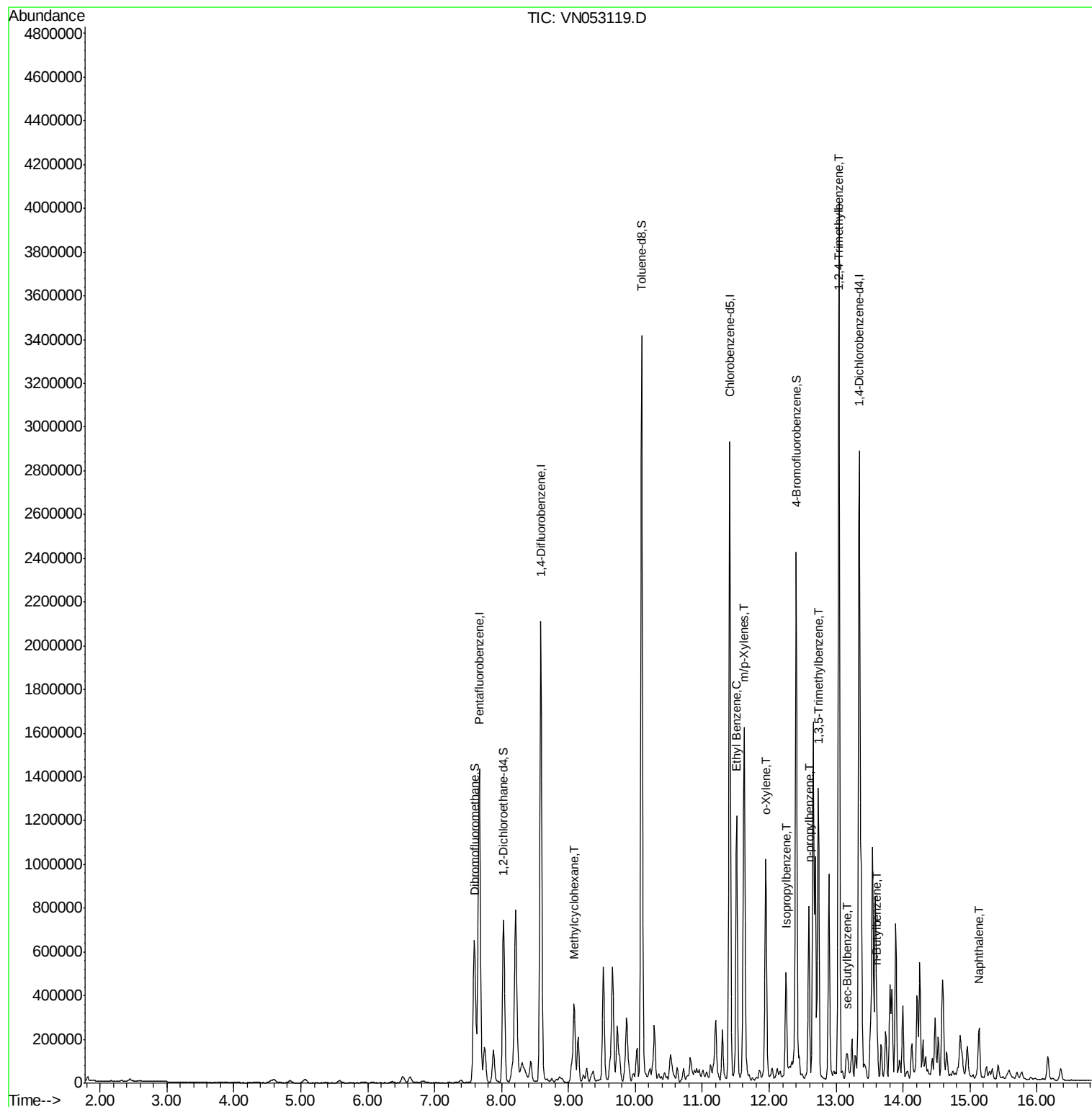
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053119.D
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Sample : J6392-20MEDL 20X
Misc : 6.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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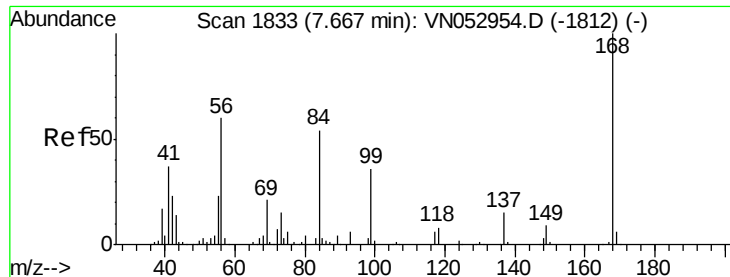
Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(20-22)MEDL

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Quant Time: Dec 22 10:56:59 2018
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: VN053119.D

Acq: 21 Dec 2018 22:57

Instrument :

MSVOA_N

ClientSampleId :

KY001SB106-121218-(20-22)MEDL

Tgt Ion:168 Resp: 1257839

Ion Ratio Lower Upper

168 100

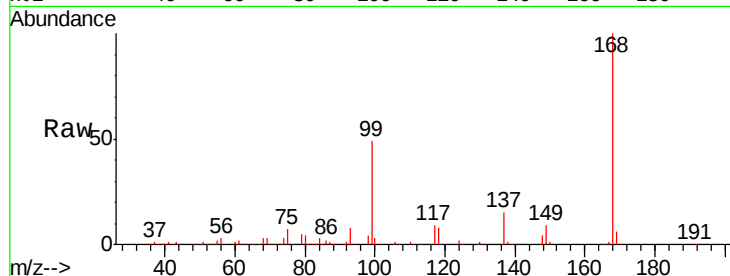
99 48.5 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): VN053119.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053119.D (-1740) (-)

7.67

600000

500000

400000

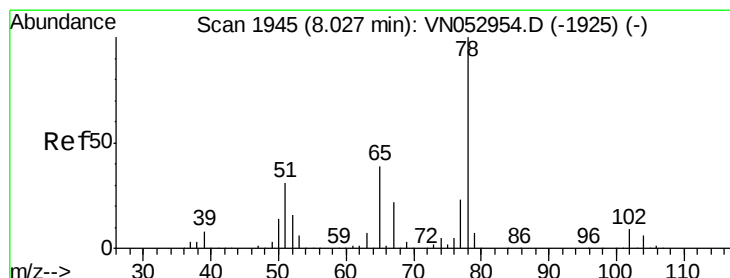
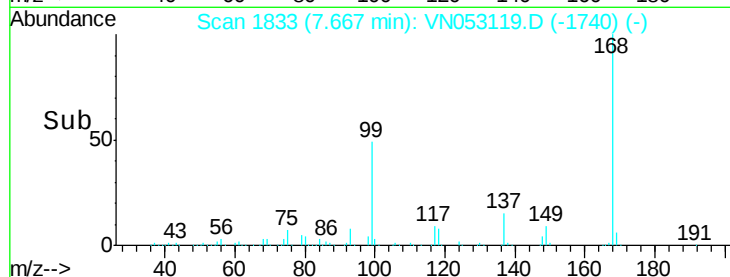
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053119.D

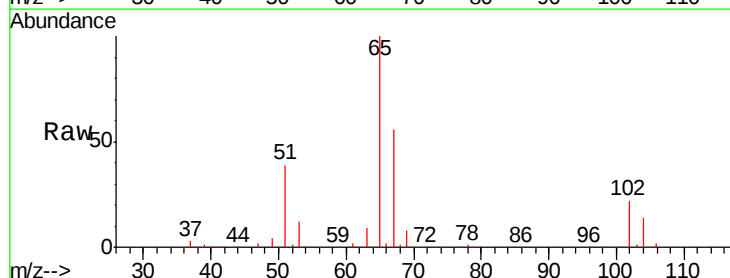
Acq: 21 Dec 2018 22:57

Tgt Ion: 65 Resp: 609841

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053119.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053119.D (-1852) (-)

8.03

300000

250000

200000

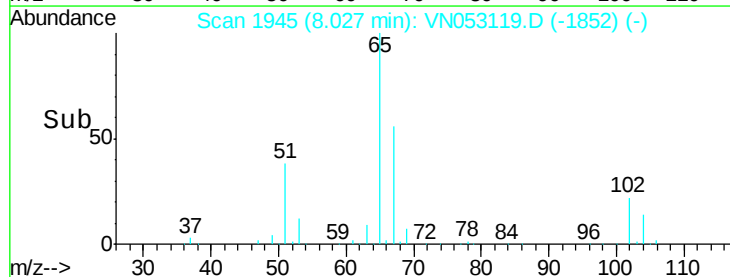
150000

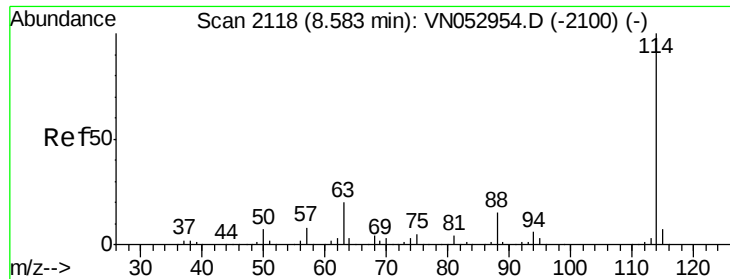
100000

50000

0

Time-->





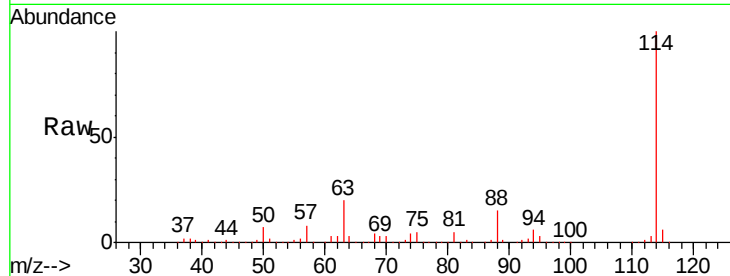
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053119.D
 Acq: 21 Dec 2018 22:57

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB106-121218-(20-22)MEDL

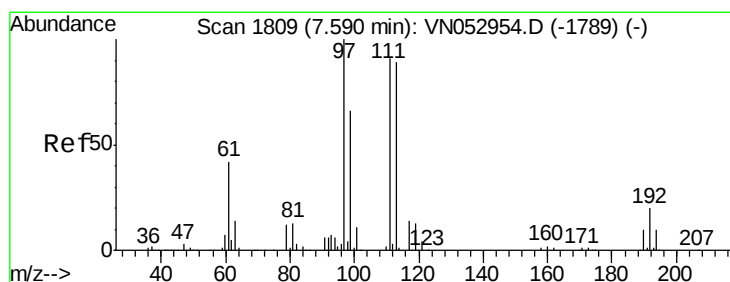
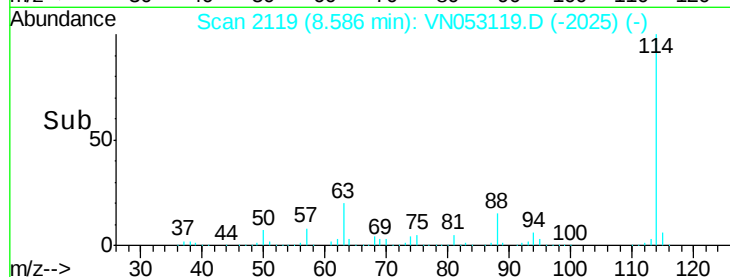
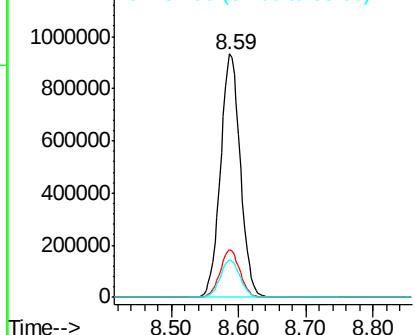
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.3	0.0	31.0

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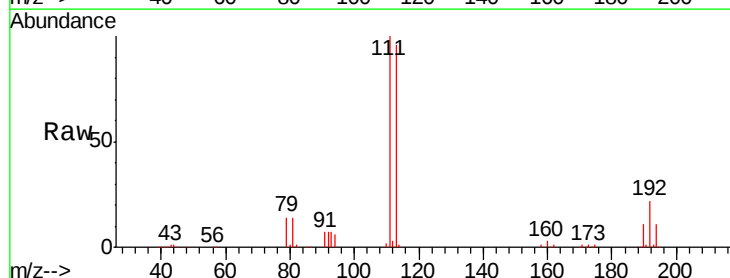


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

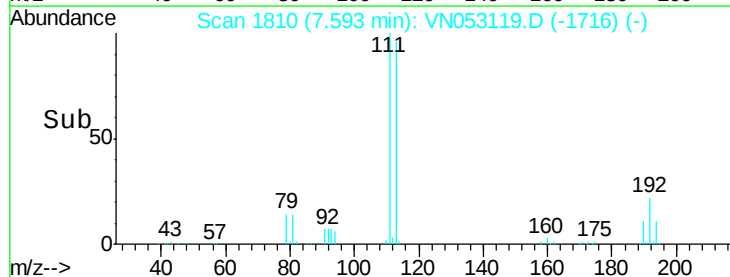
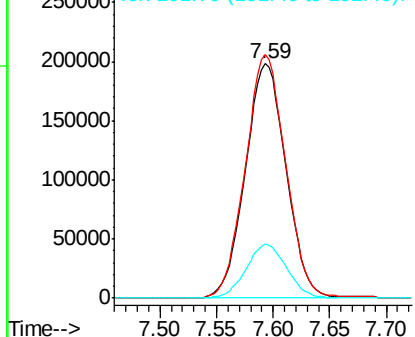


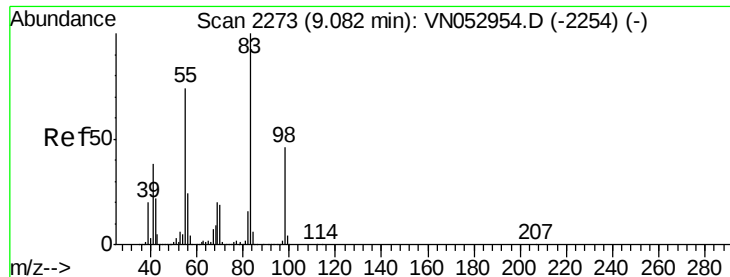
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053119.D
 Acq: 21 Dec 2018 22:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.0	124.4
192	23.1	17.5	26.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





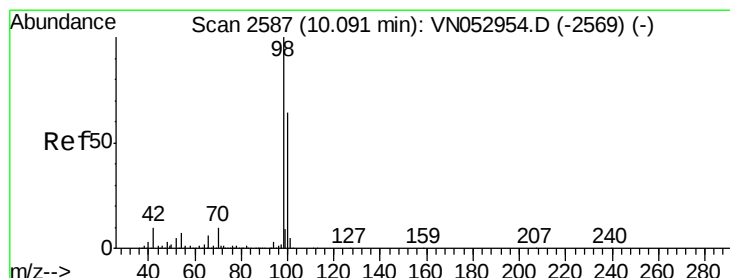
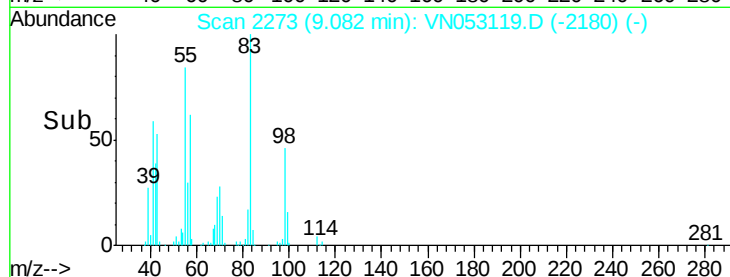
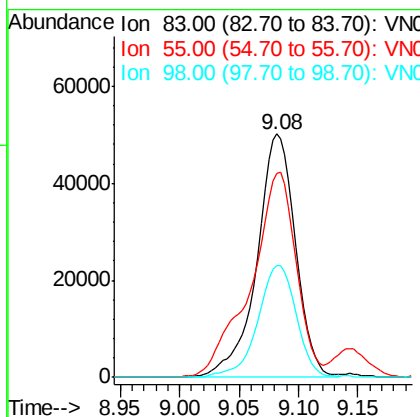
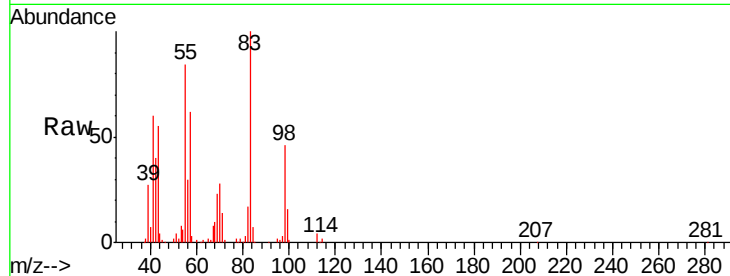
#39
Methylcyclohexane
Concen: 5.040 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053119.D
Acq: 21 Dec 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
83	100	112934		
55	83.3	61.3	91.9	
98	46.1	37.0	55.4	

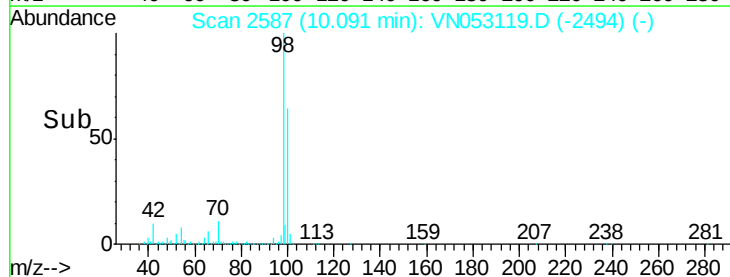
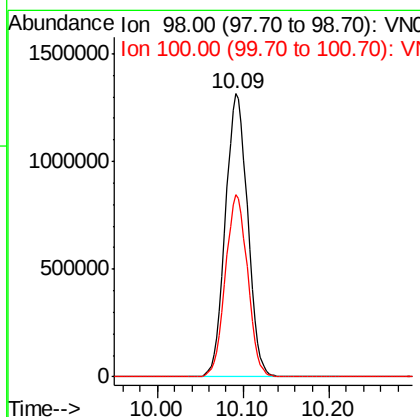
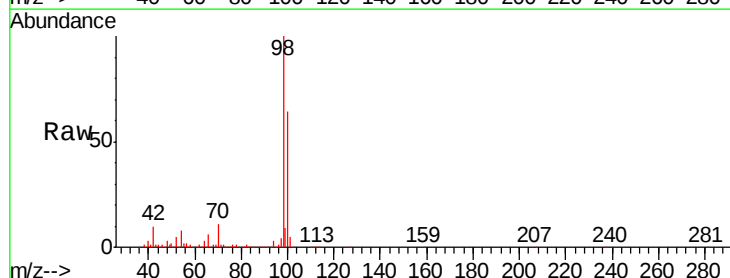
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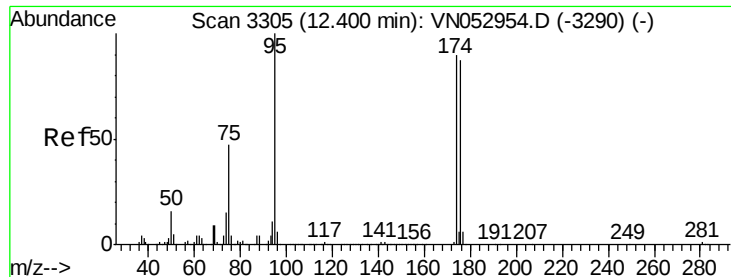
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053119.D
Acq: 21 Dec 2018 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	2366069		
100	64.1	51.6	77.4	





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053119.D

Acq: 21 Dec 2018 22:57

Instrument :

MSVOA_N

ClientSampleId :

KY001SB106-121218-(20-22)MEDL

Tgt Ion: 95 Resp: 845731
Ion Ratio Lower Upper

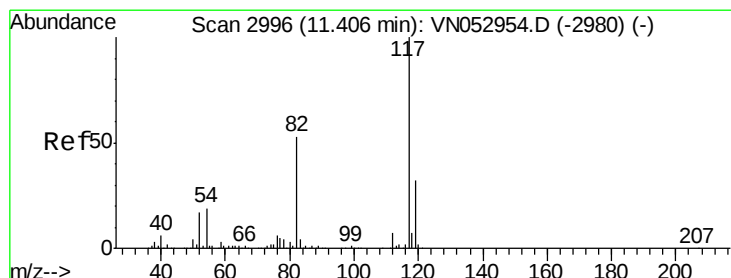
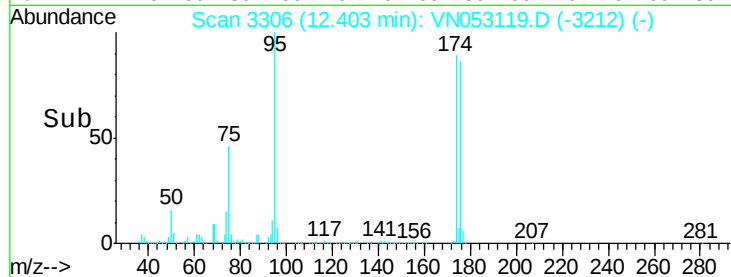
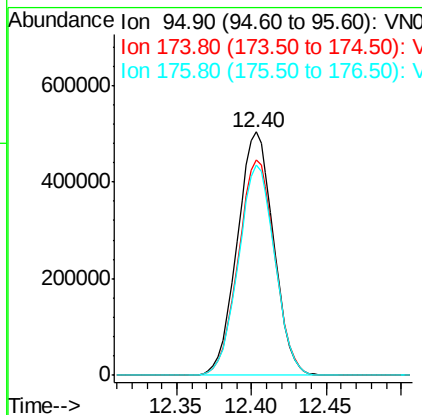
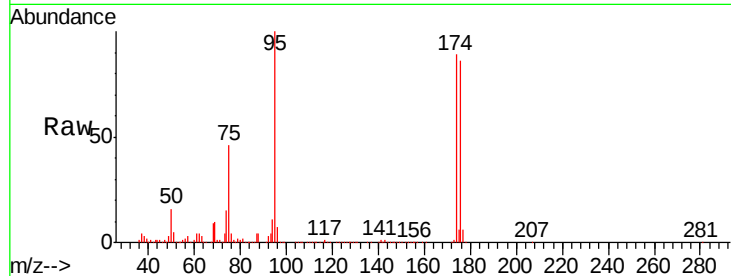
95 100

174 89.4 0.0 178.8

176 86.8 0.0 173.8

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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: VN053119.D

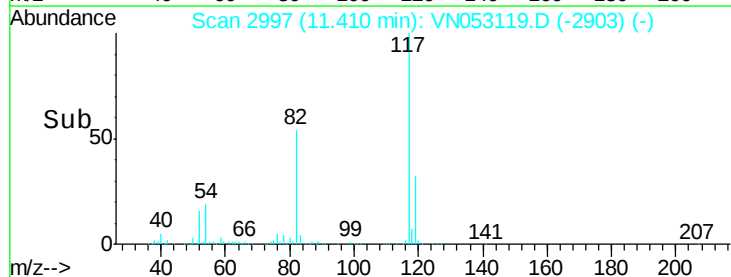
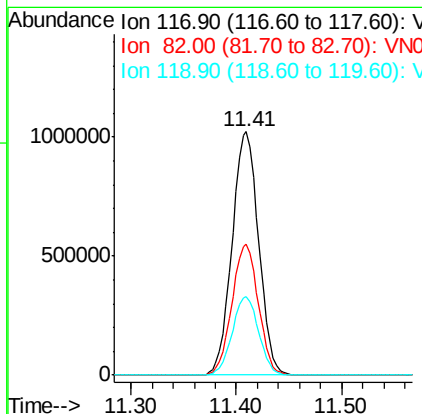
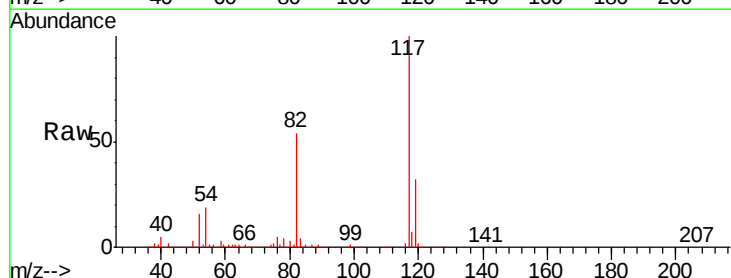
Acq: 21 Dec 2018 22:57

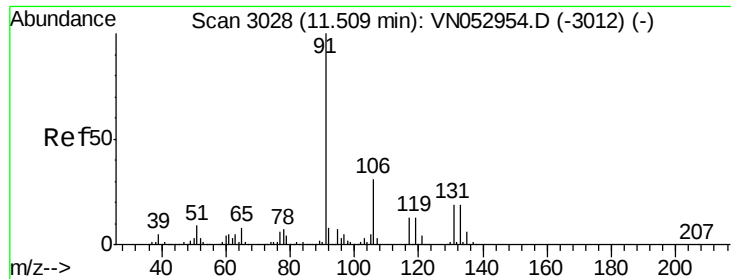
Tgt Ion: 117 Resp: 1776221
Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

119 32.1 25.5 38.3





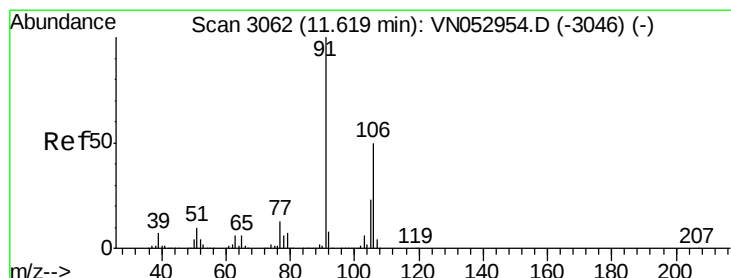
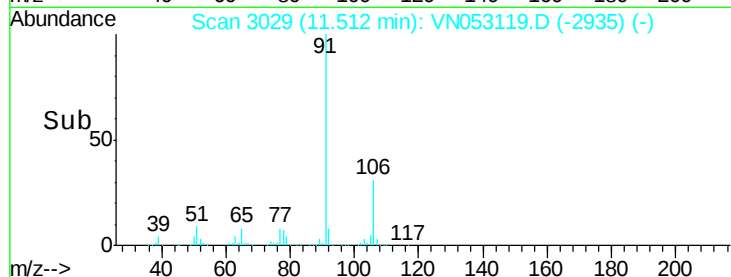
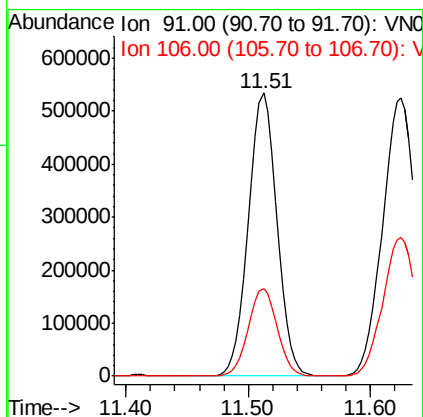
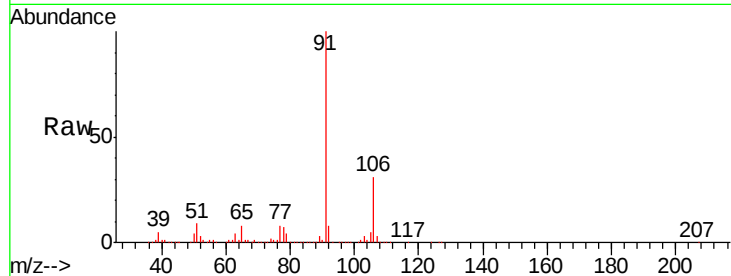
#67
 Ethyl Benzene
 Concen: 12.686 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN053119.D
 Acq: 21 Dec 2018 22:57

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB106-121218-(20-22)MEDL

Tgt Ion: 91 Resp: 859026
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.9 37.3

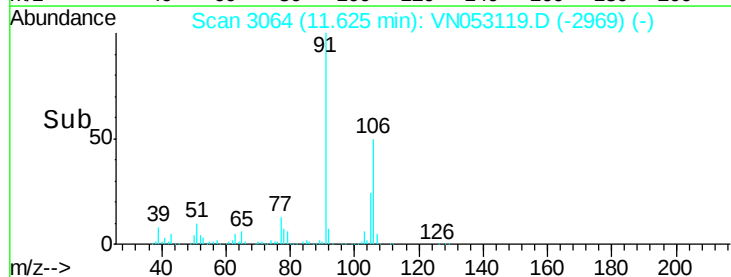
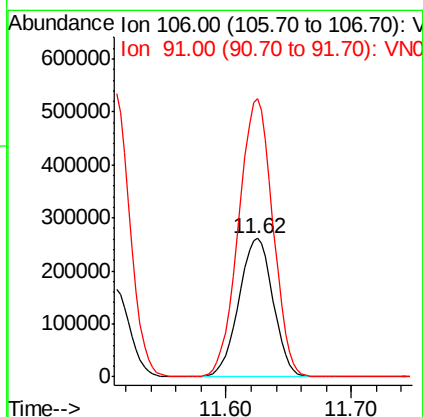
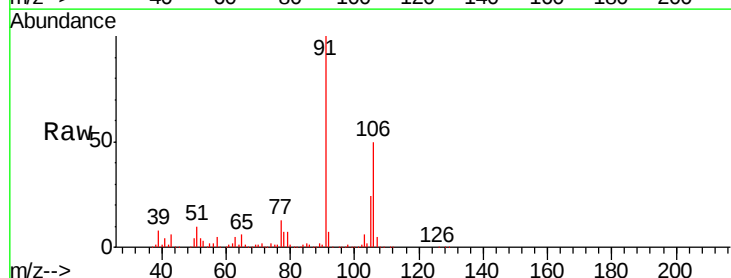
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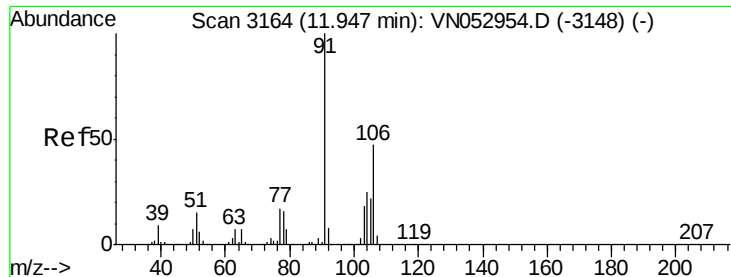
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#68
 m/p-Xylenes
 Concen: 19.268 ug/l
 RT: 11.62 min Scan# 3064
 Delta R.T. 0.01 min
 Lab File: VN053119.D
 Acq: 21 Dec 2018 22:57

Tgt Ion: 106 Resp: 495996
 Ion Ratio Lower Upper
 106 100
 91 200.9 162.2 243.4





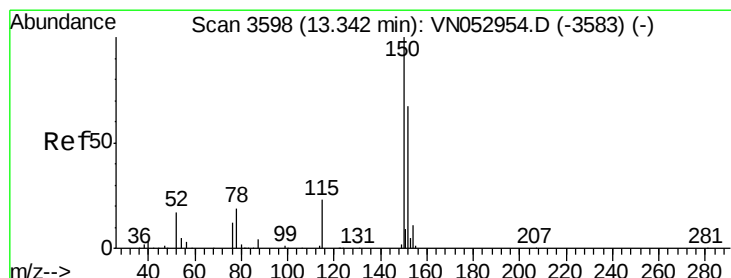
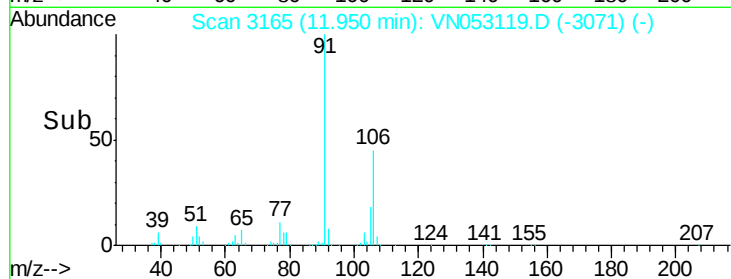
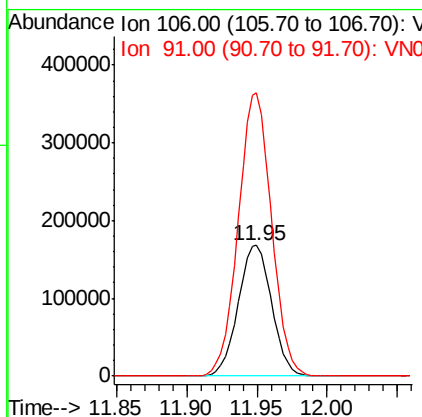
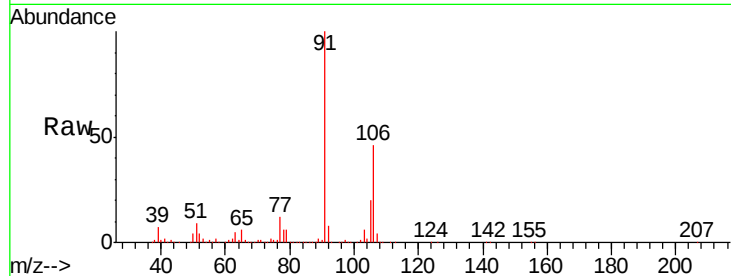
#69
o-Xylene
Concen: 11.343 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053119.D
Acq: 21 Dec 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(20-22)MEDL

Tgt Ion:106 Resp: 280185
Ion Ratio Lower Upper
106 100
91 213.9 106.6 319.8

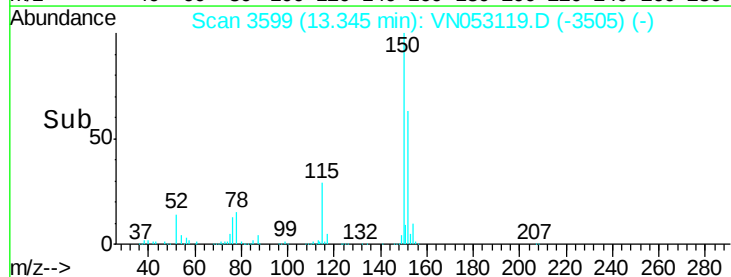
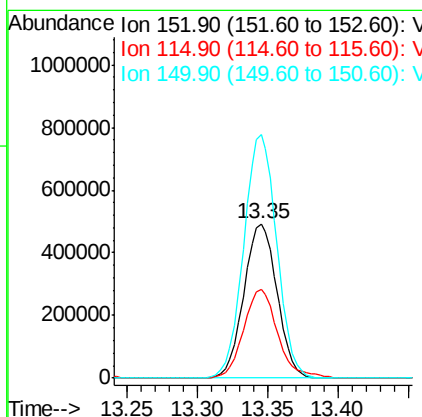
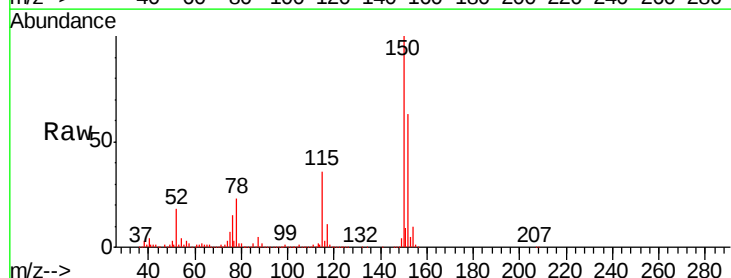
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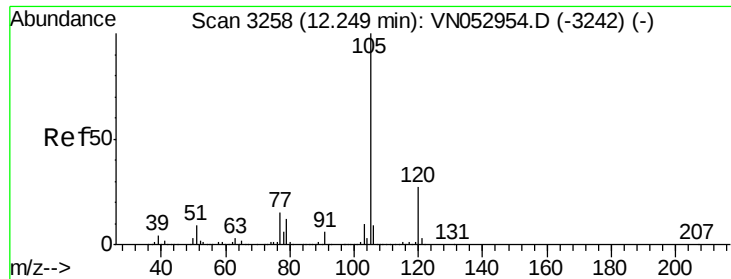
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053119.D
Acq: 21 Dec 2018 22:57

Tgt Ion:152 Resp: 813074
Ion Ratio Lower Upper
152 100
115 58.7 28.3 85.0
150 156.7 0.0 347.8





#73

Isopropylbenzene

Concen: 5.301 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053119.D

Acq: 21 Dec 2018 22:57

Instrument :

MSVOA_N

ClientSampleId :

KY001SB106-121218-(20-22)MEDL

Tgt Ion: 105 Resp: 337250

Ion Ratio Lower Upper

105 100

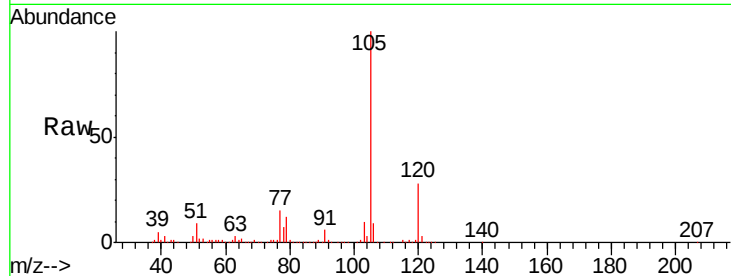
120 26.8 13.3 39.9

Manual Integrations

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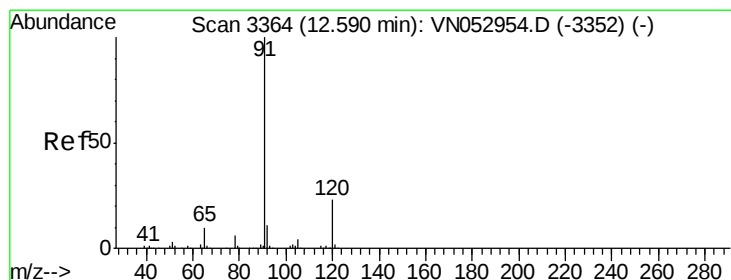
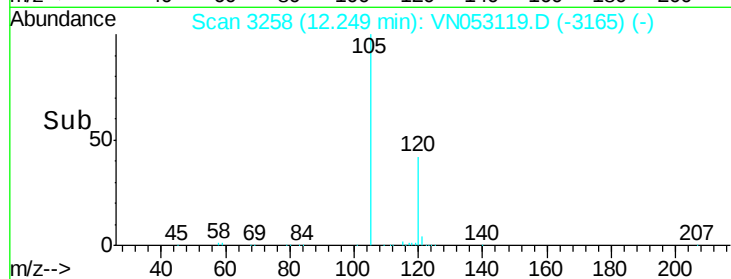
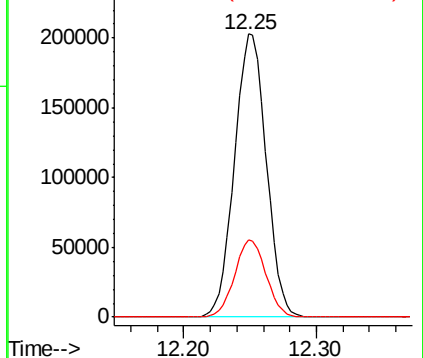
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 8.883 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053119.D

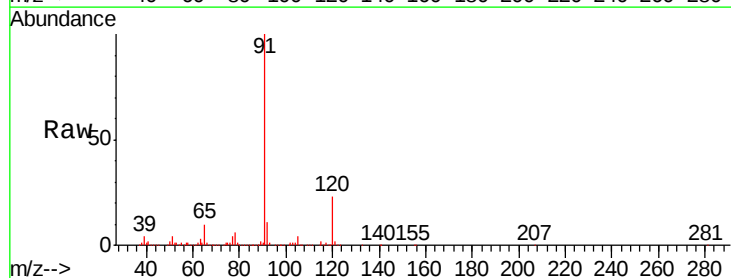
Acq: 21 Dec 2018 22:57

Tgt Ion: 91 Resp: 643611

Ion Ratio Lower Upper

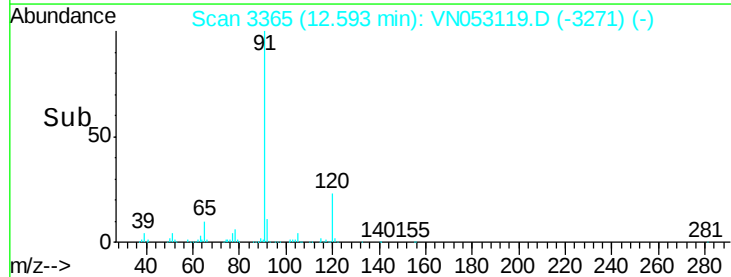
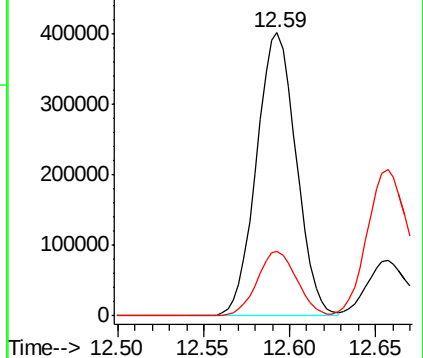
91 100

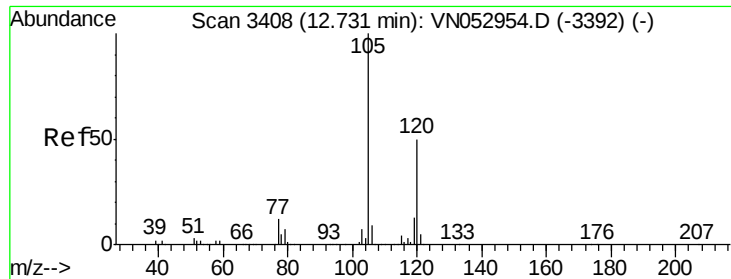
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





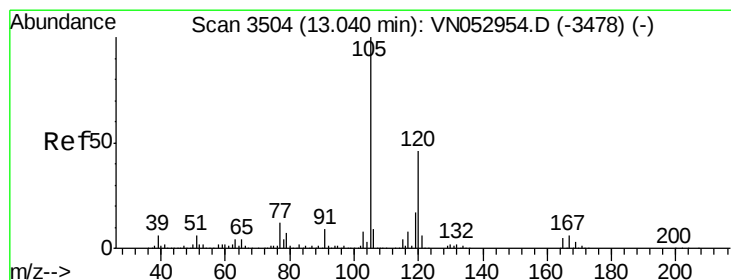
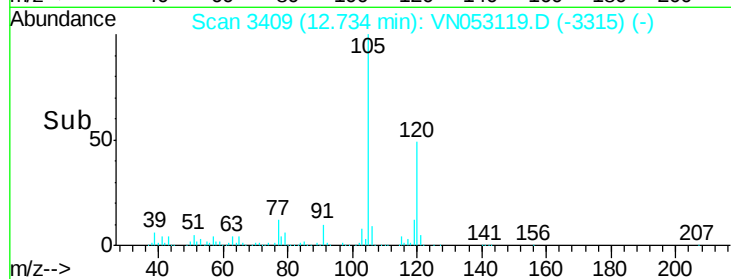
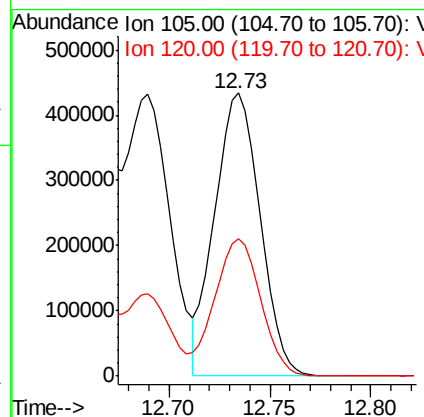
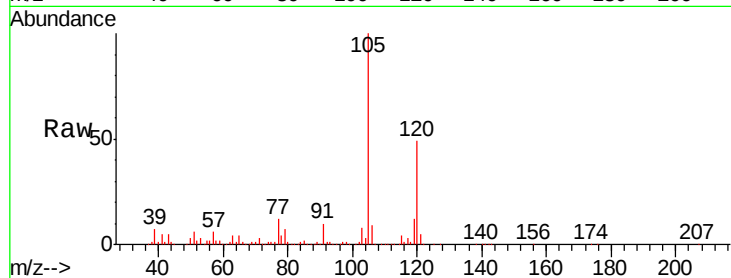
#80
 1,3,5-Trimethylbenzene
 Concen: 13.104 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053119.D
 Acq: 21 Dec 2018 22:57

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB106-121218-(20-22)MEDL

Tgt Ion:105 Resp: 679483
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.2

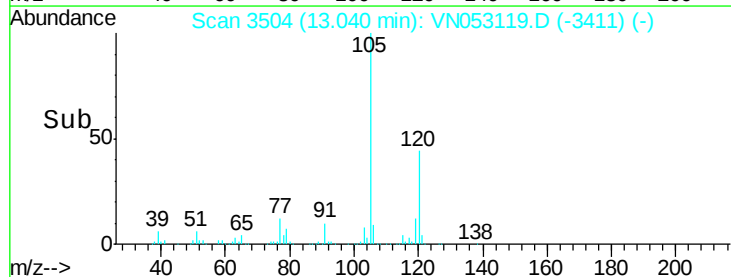
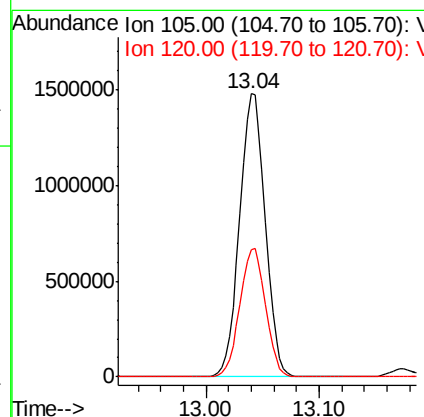
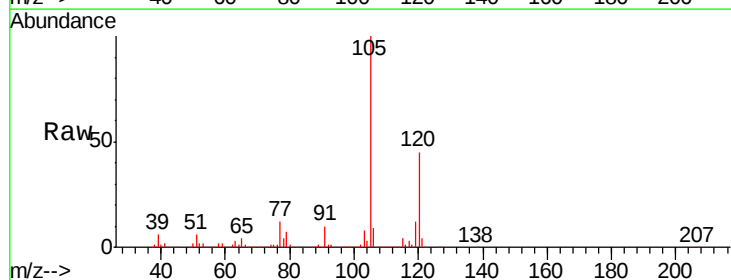
Manual Integrations
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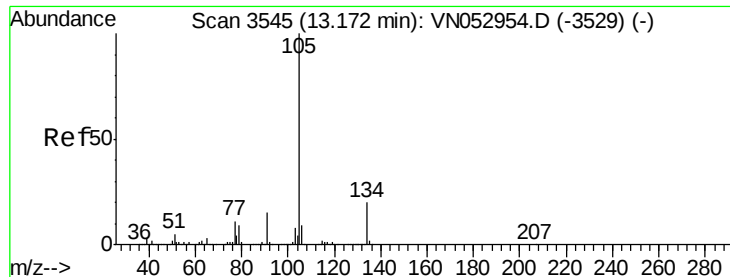
MMDadoda
 12/22/2018 10:50:08 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 44.779 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053119.D
 Acq: 21 Dec 2018 22:57

Tgt Ion:105 Resp: 2334185
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.8





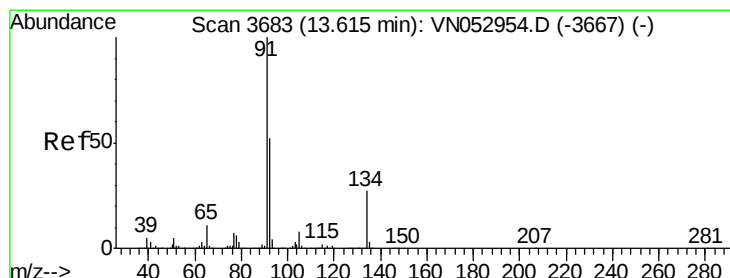
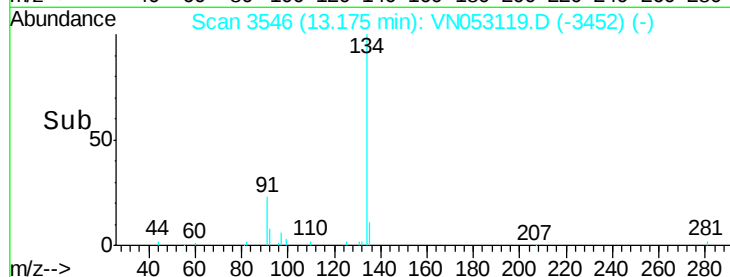
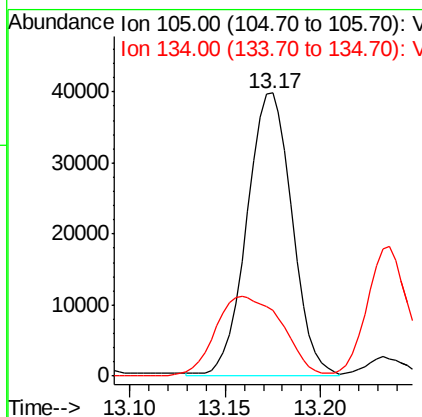
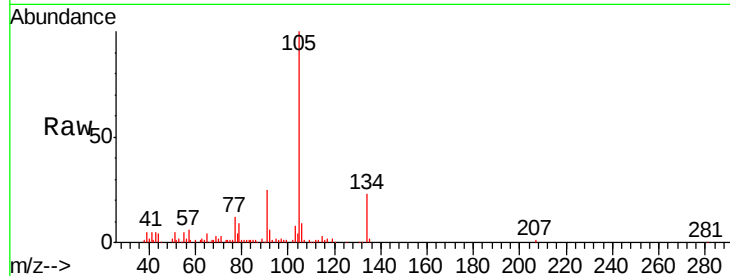
#85
 sec-Butylbenzene
 Concen: 1.061 ug/l m
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053119.D
 Acq: 21 Dec 2018 22:57

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB106-121218-(20-22)MEDL

Tgt Ion: 105 Resp: 65800
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#

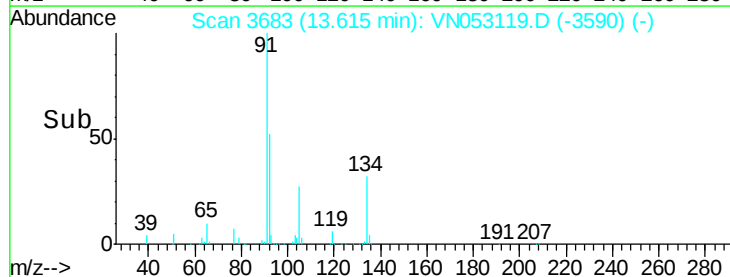
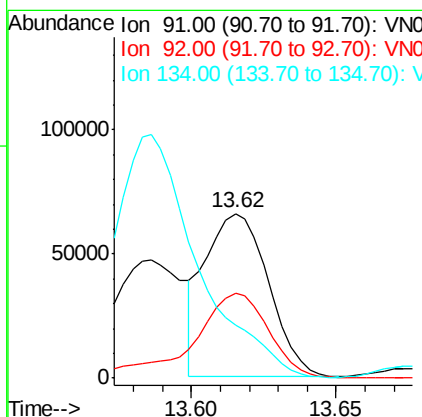
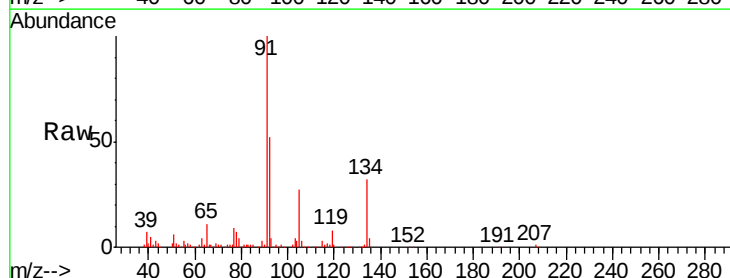
Manual Integrations
 APPROVED

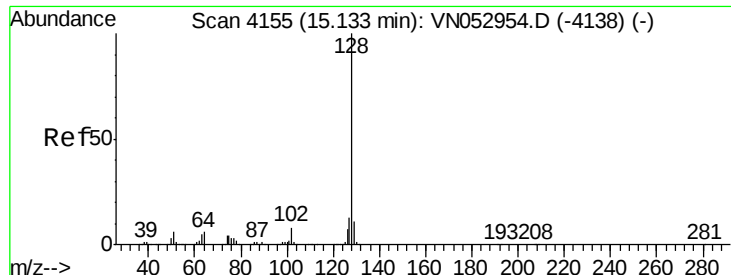
MMDadoda
 12/22/2018 10:50:08 AM



#89
 n-Butylbenzene
 Concen: 2.150 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN053119.D
 Acq: 21 Dec 2018 22:57

Tgt Ion: 91 Resp: 99159
 Ion Ratio Lower Upper
 91 100
 92 61.8 26.3 78.9
 134 0.0 13.3 39.8#





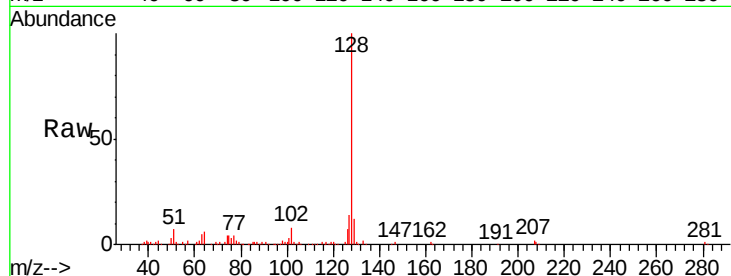
#95
Naphthalene
Concen: 7.059 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053119.D
Acq: 21 Dec 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(20-22)MEDL

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.6	10.2	15.4
129	11.2	8.6	13.0

Manual Integrations
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MMDadoda
12/22/2018 10:50:08 AM



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

