

Data File : VN053120.D
Acq On : 21 Dec 2018 23:24
Operator : MD\SY
Sample : J6392-21MEDL 20X
Misc : 6.30g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 30 Sample Multiplier: 28

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

Manual Integrations
APPROVED

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

Quant Time: Dec 22 11:00:33 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	1252056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1919407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1772281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	793480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	614489	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	7.59	113	498383	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.09	98	2385497	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.40	95	838038	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	128238	5.730	ug/l	95
67) Ethyl Benzene	11.51	91	1102585	16.319	ug/l	99
68) m/p-Xylenes	11.62	106	632114	24.611	ug/l	98
69) o-Xylene	11.95	106	410238	16.645	ug/l	100
73) Isopropylbenzene	12.25	105	427288	6.883	ug/l	100
78) n-propylbenzene	12.59	91	798214	11.289	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	855472	16.906	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2912430	57.252	ug/l	100
85) sec-Butylbenzene	13.17	105	83544m	1.380	ug/l	
89) n-Butylbenzene	13.62	91	120385	2.675	ug/l #	72
95) Naphthalene	15.14	128	242327	8.736	ug/l	99

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

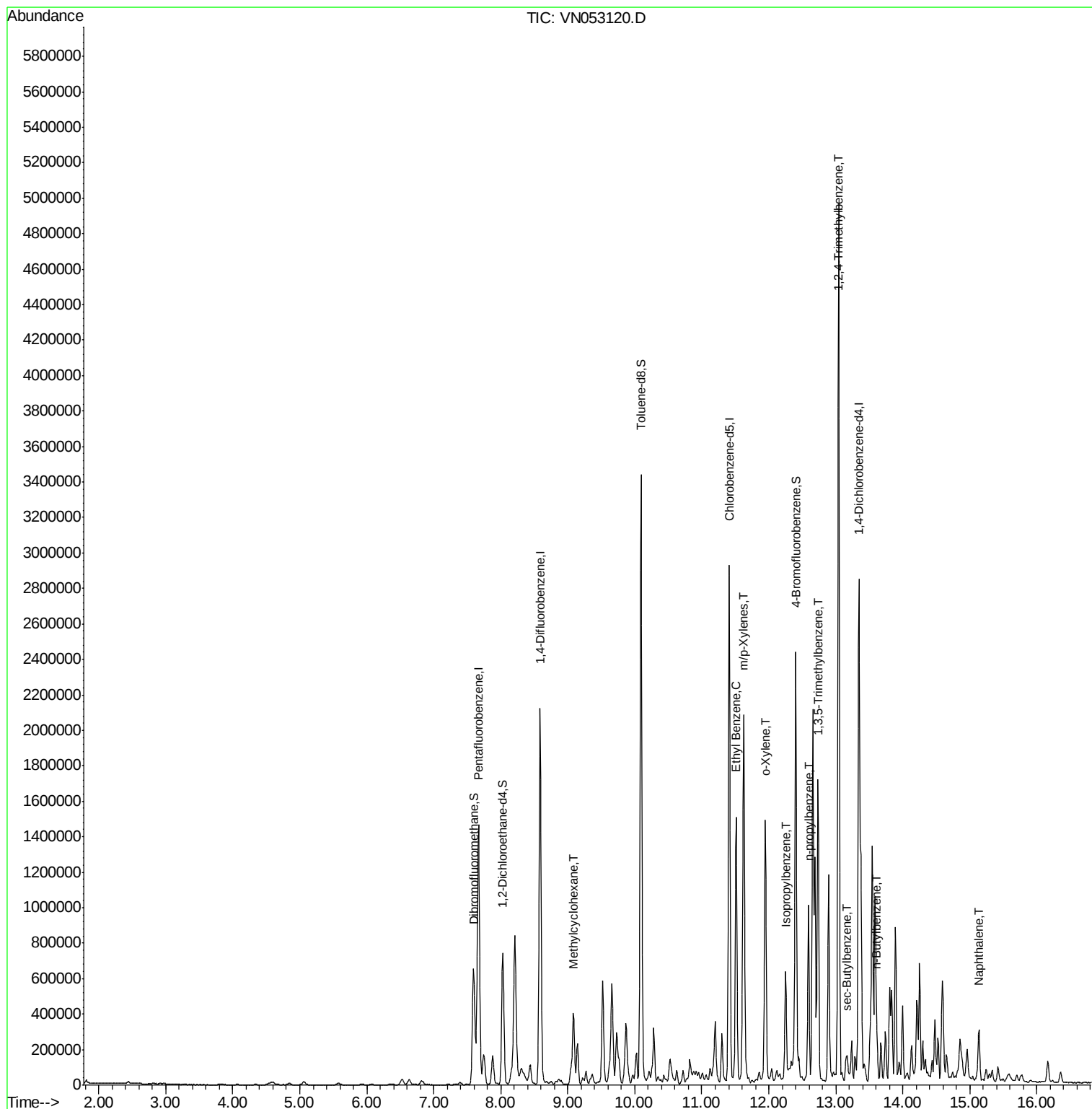
Data File : VN053120.D
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Sample : J6392-21MEDL 20X
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KY001SB106-121218-(20-22)-FDME

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Quant Time: Dec 22 11:00:33 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053120.D

Acq: 21 Dec 2018 23:24

Instrument :

MSVOA_N

ClientSampleId :

KY001SB106-121218-(20-22)-FDME

Tgt Ion:168 Resp: 1252056

Ion Ratio Lower Upper

168 100

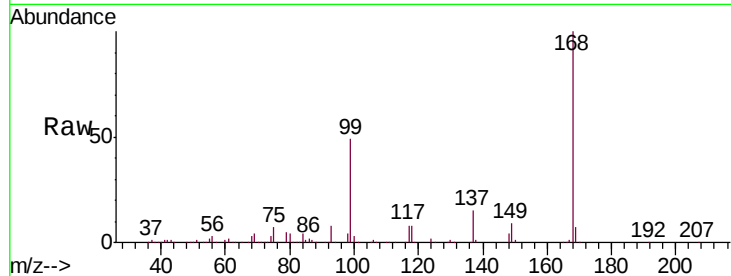
99 49.5 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

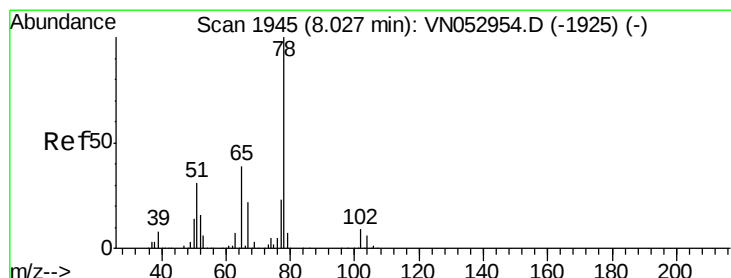
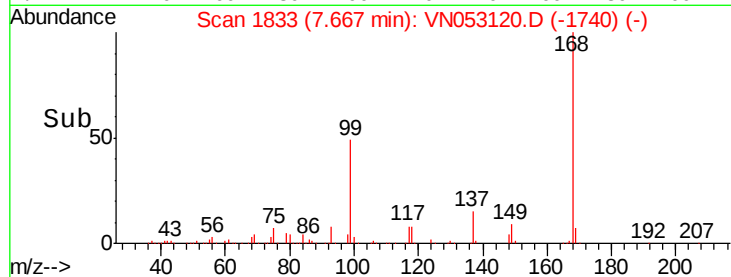
100000

0

7.67

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053120.D

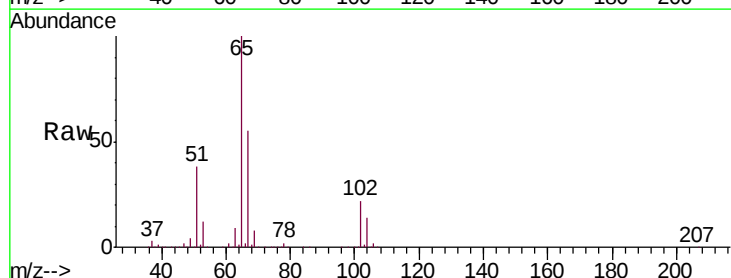
Acq: 21 Dec 2018 23:24

Tgt Ion: 65 Resp: 614489

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

300000

250000

200000

150000

100000

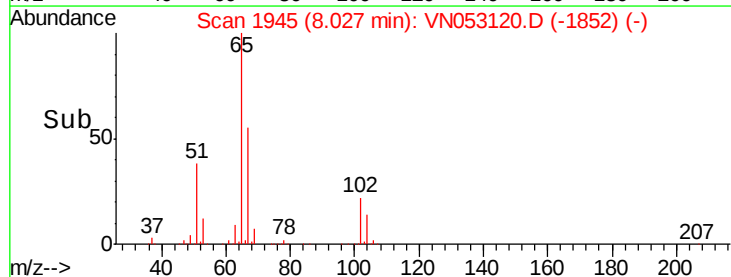
50000

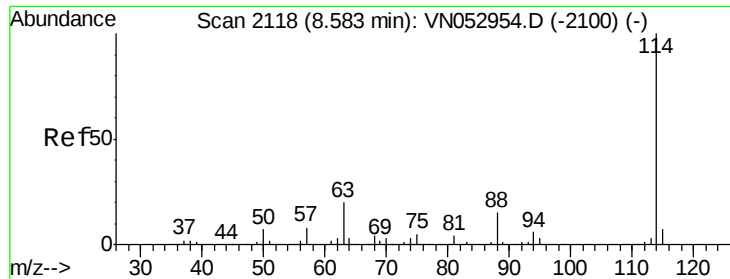
0

8.03

7.90 8.00 8.10

Time-->





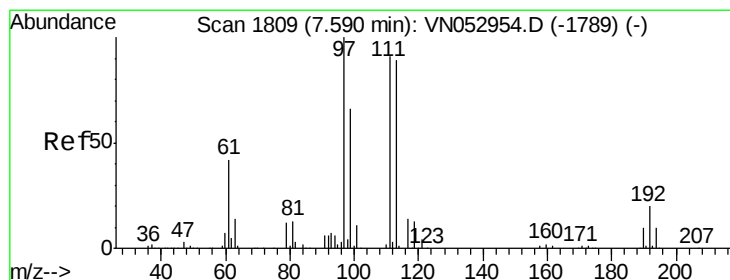
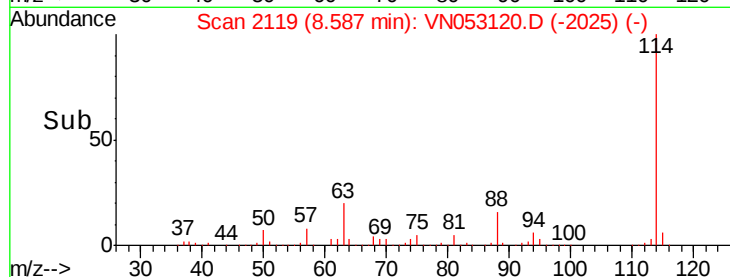
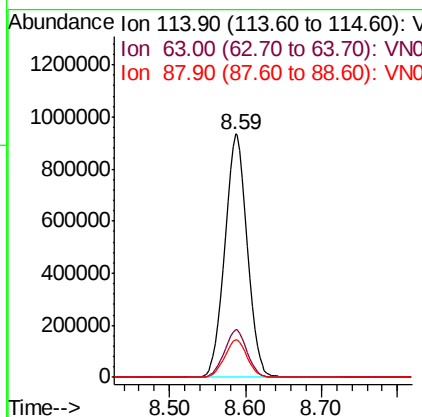
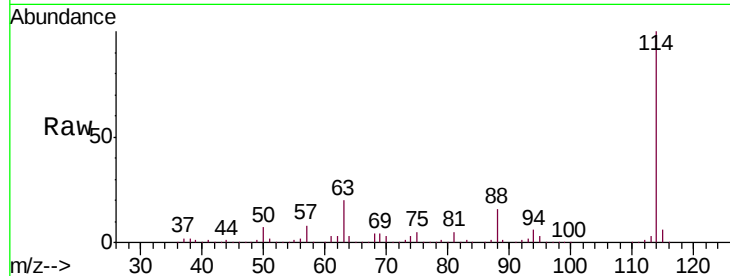
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053120.D
 Acq: 21 Dec 2018 23:24

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

Tgt Ion:114 Resp: 1919407
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.5 0.0 31.0

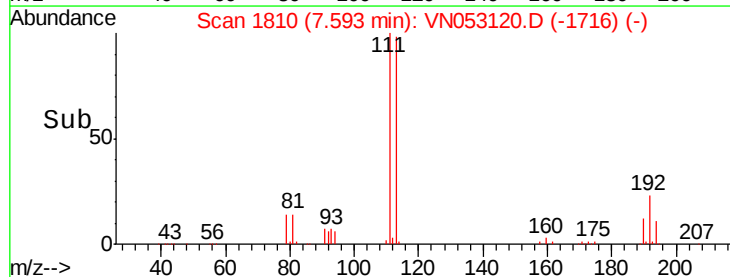
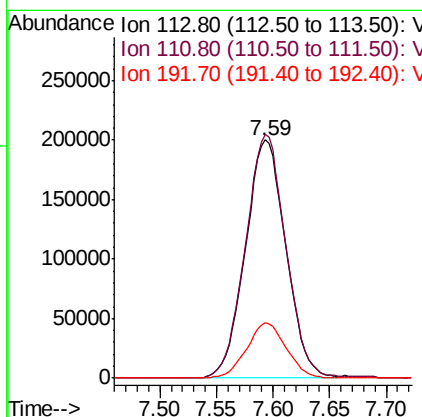
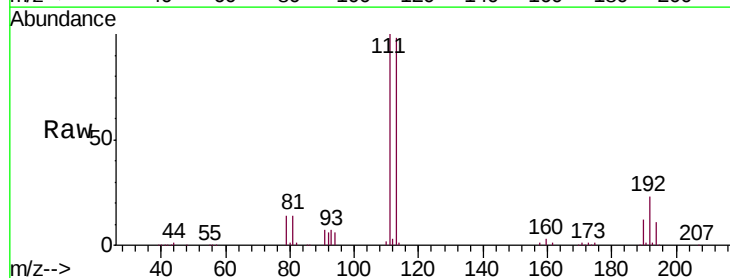
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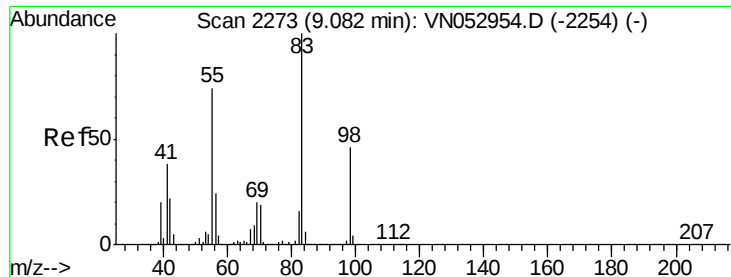
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053120.D
 Acq: 21 Dec 2018 23:24

Tgt Ion:113 Resp: 498383
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 22.7 17.5 26.3





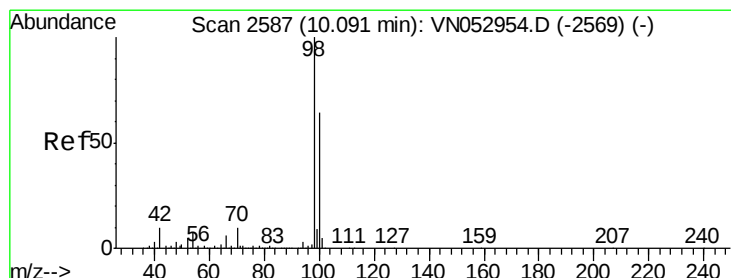
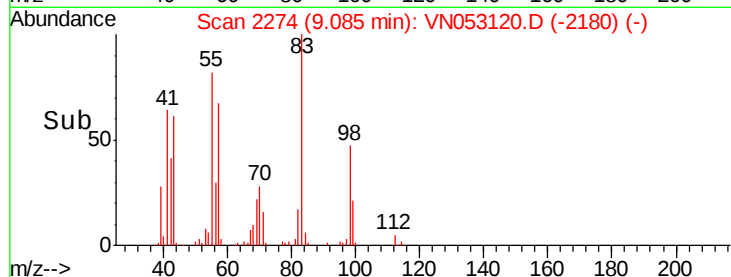
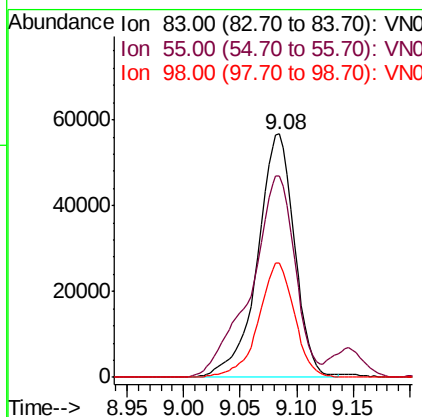
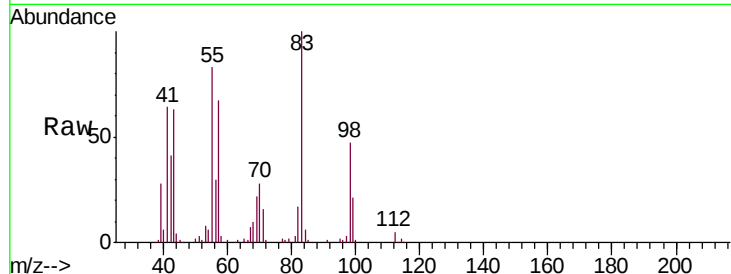
#39
Methylcyclohexane
Concen: 5.730 ug/l
RT: 9.08 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN053120.D
Acq: 21 Dec 2018 23:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	128238		
55	82.8	61.3	91.9	
98	46.9	37.0	55.4	

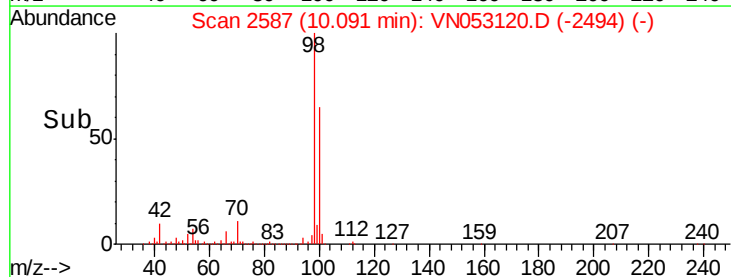
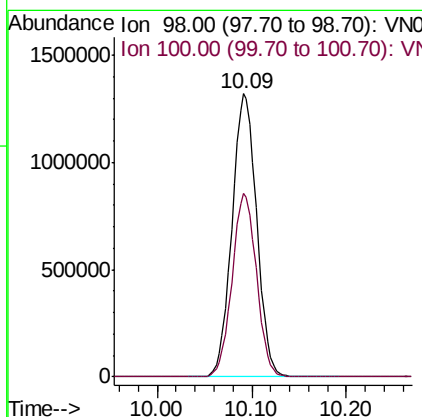
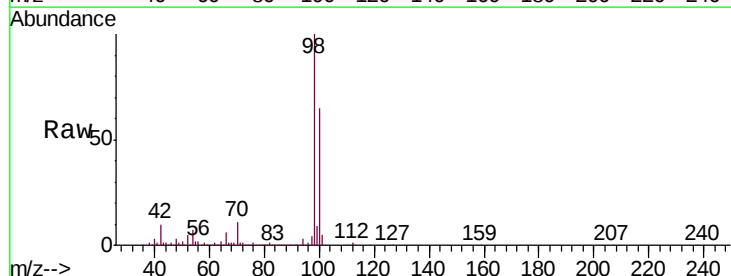
Manual Integrations
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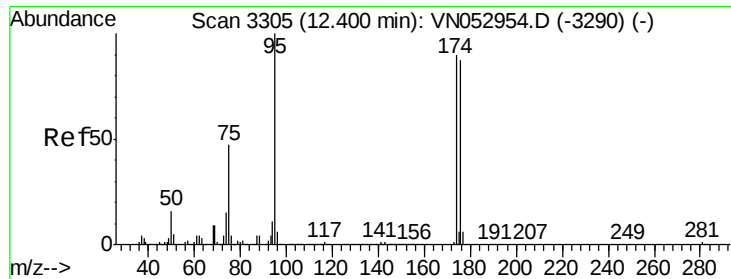
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053120.D
Acq: 21 Dec 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	2385497		
100	64.2	51.6	77.4	





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053120.D

Acq: 21 Dec 2018 23:24

Instrument :

MSVOA_N

ClientSampleId :

KY001SB106-121218-(20-22)-FDME

Tgt Ion: 95 Resp: 838038
Ion Ratio Lower Upper

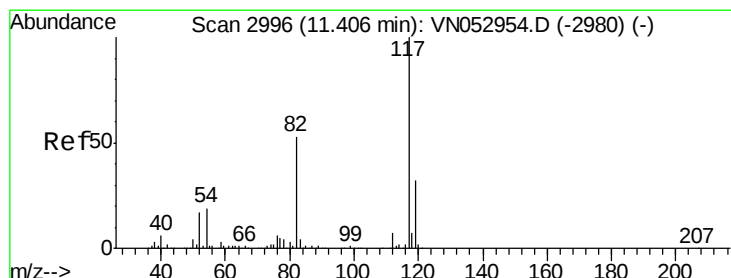
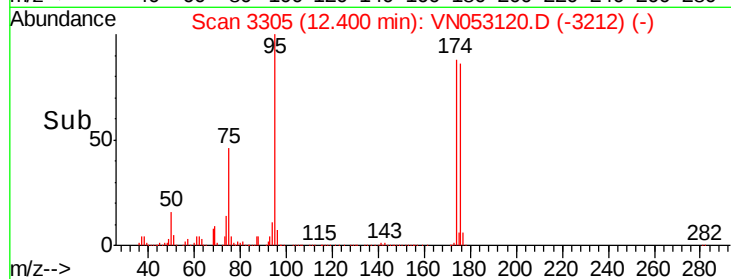
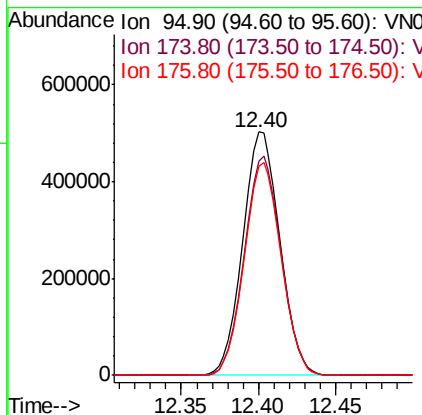
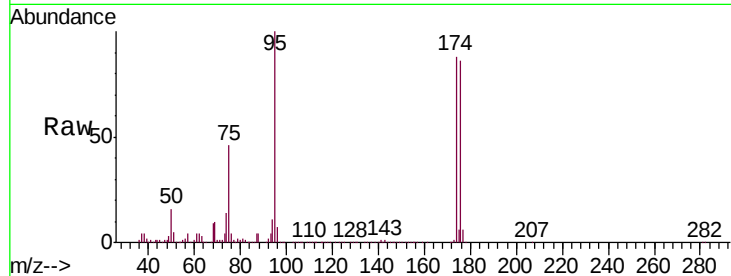
95 100

174 89.7 0.0 178.8

176 87.1 0.0 173.8

Manual Integrations
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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: VN053120.D

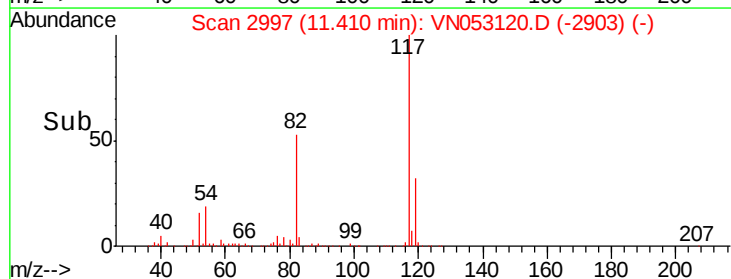
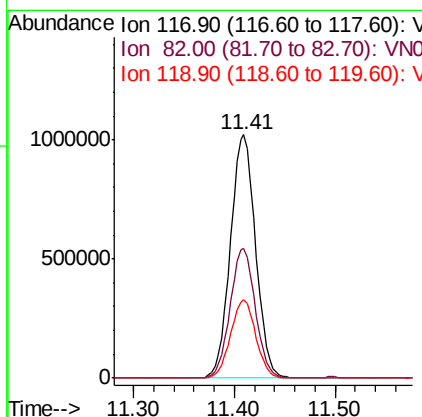
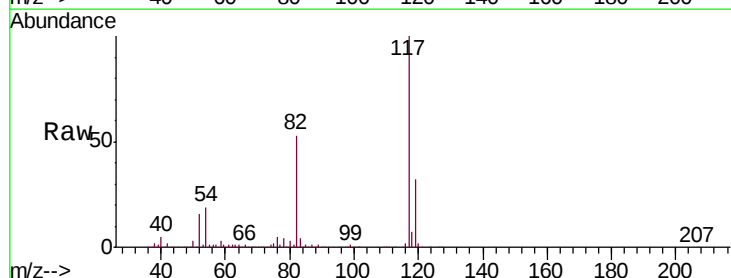
Acq: 21 Dec 2018 23:24

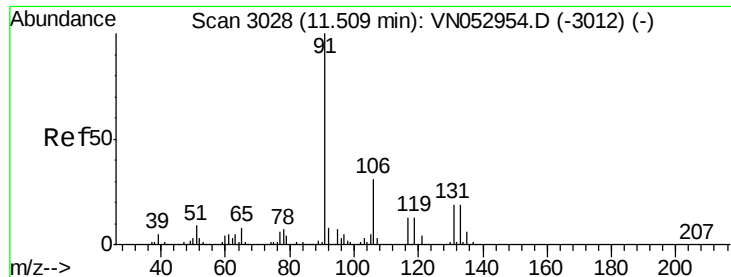
Tgt Ion: 117 Resp: 1772281
Ion Ratio Lower Upper

117 100

82 53.1 42.8 64.2

119 32.3 25.5 38.3





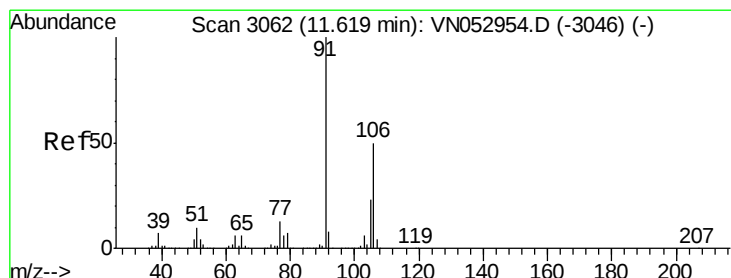
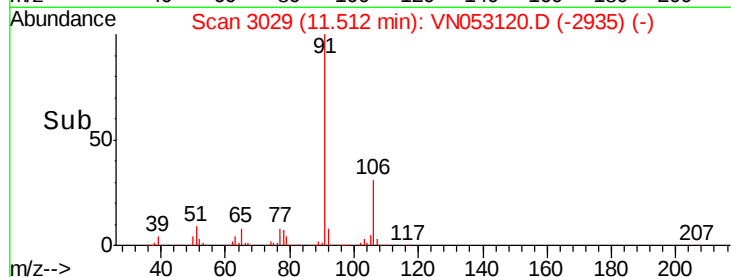
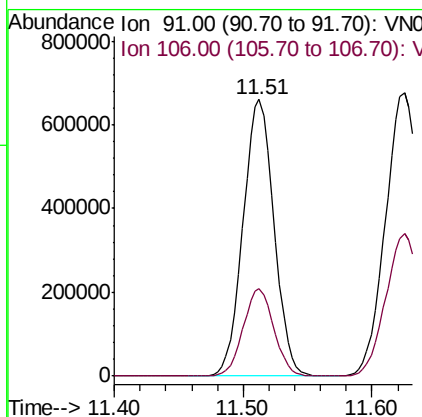
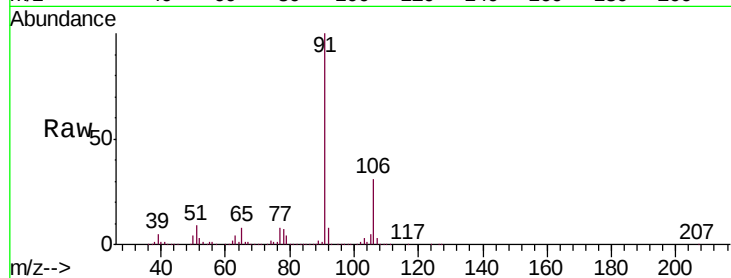
#67
Ethyl Benzene
Concen: 16.319 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053120.D
Acq: 21 Dec 2018 23:24

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

Tgt Ion: 91 Resp: 1102585
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

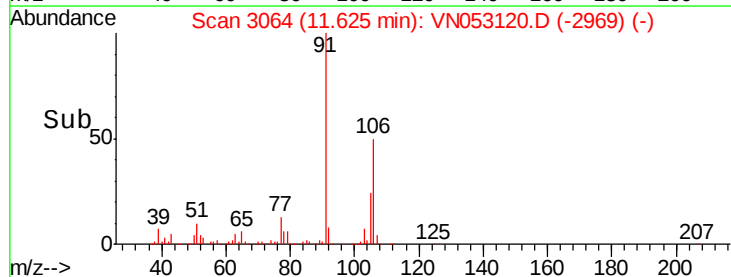
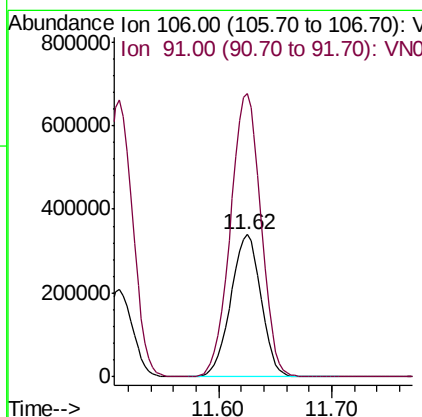
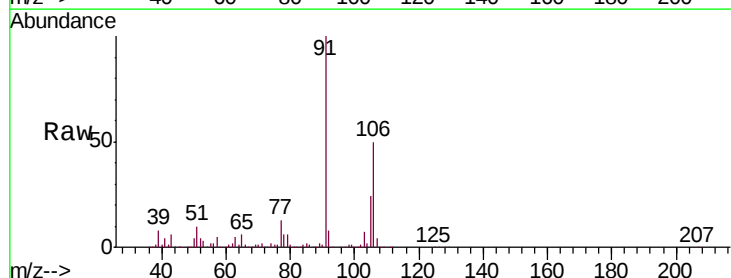
Manual Integrations
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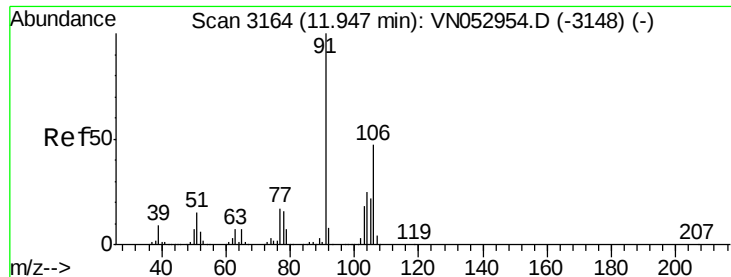
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#68
m/p-Xylenes
Concen: 24.611 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN053120.D
Acq: 21 Dec 2018 23:24

Tgt Ion: 106 Resp: 632114
Ion Ratio Lower Upper
106 100
91 200.4 162.2 243.4





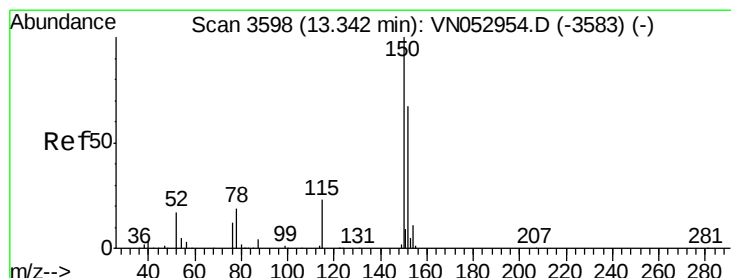
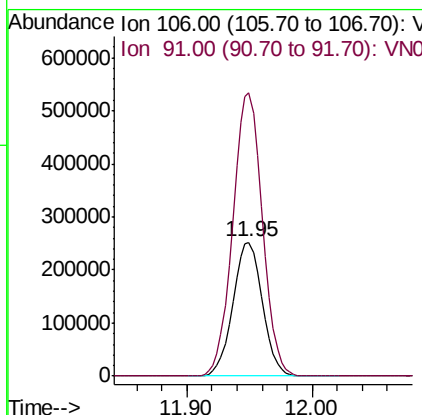
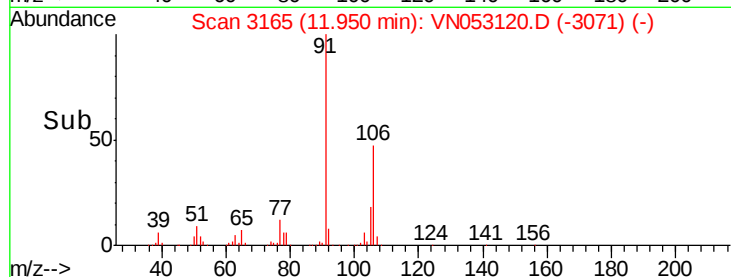
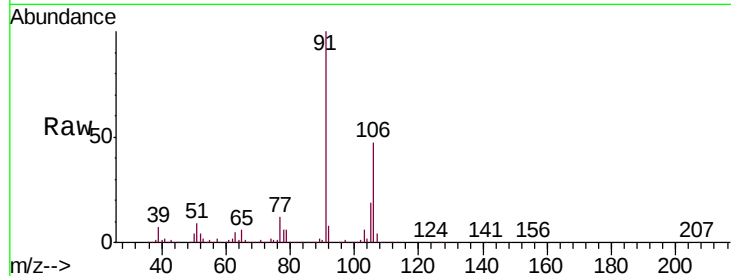
#69
o-Xylene
Concen: 16.645 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053120.D
Acq: 21 Dec 2018 23:24

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

Tgt Ion:106 Resp: 410238
Ion Ratio Lower Upper
106 100
91 213.4 106.6 319.8

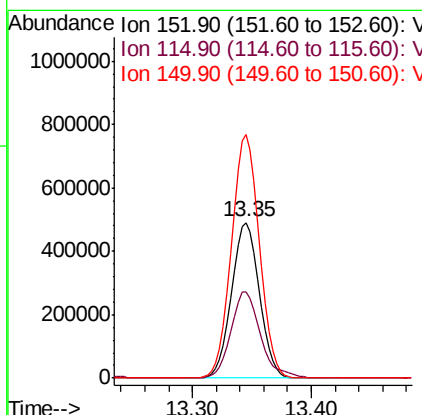
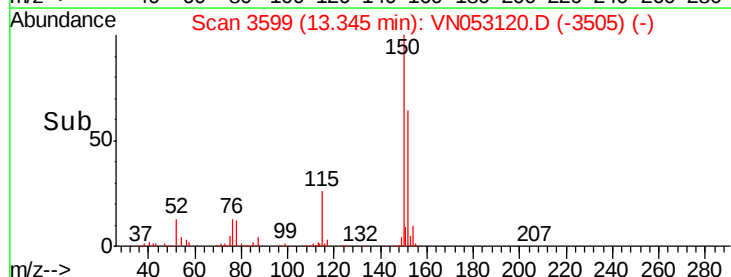
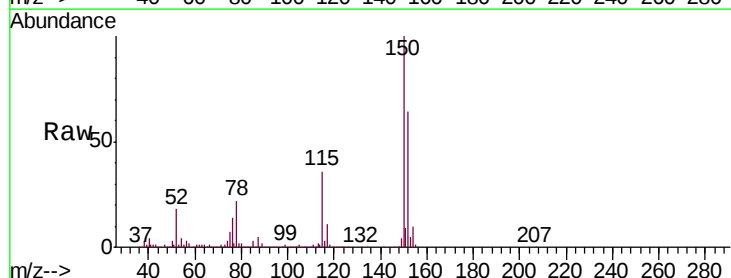
Manual Integrations
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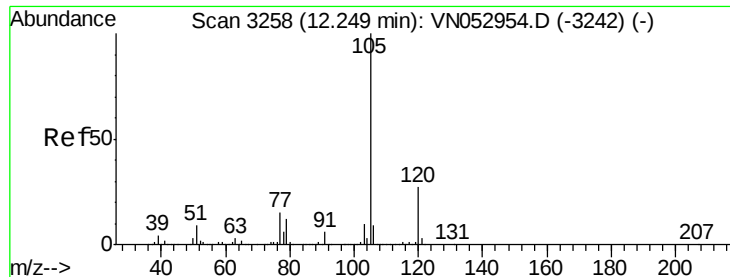
MMDadoda
12/22/2018 10:50:12 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053120.D
Acq: 21 Dec 2018 23:24

Tgt Ion:152 Resp: 793480
Ion Ratio Lower Upper
152 100
115 58.6 28.3 85.0
150 156.7 0.0 347.8





#73

Isopropylbenzene

Concen: 6.883 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053120.D

Acq: 21 Dec 2018 23:24

Instrument :

MSVOA_N

ClientSampleId :

KY001SB106-121218-(20-22)-FDME

Tgt Ion: 105 Resp: 427288

Ion Ratio Lower Upper

105 100

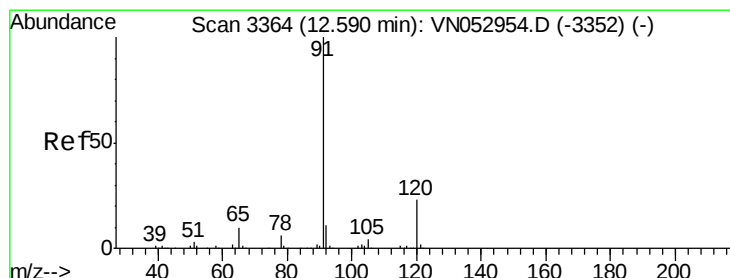
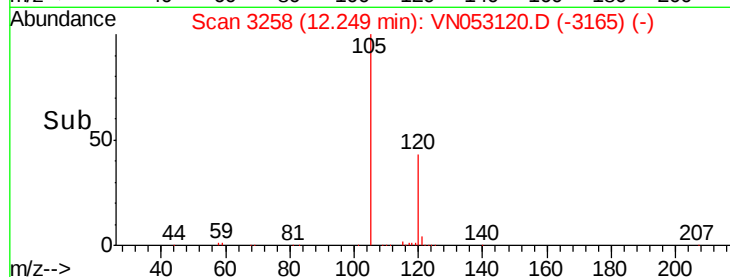
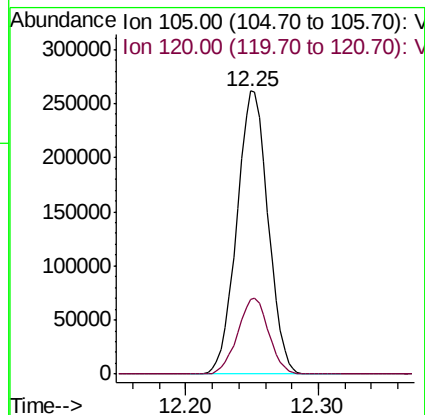
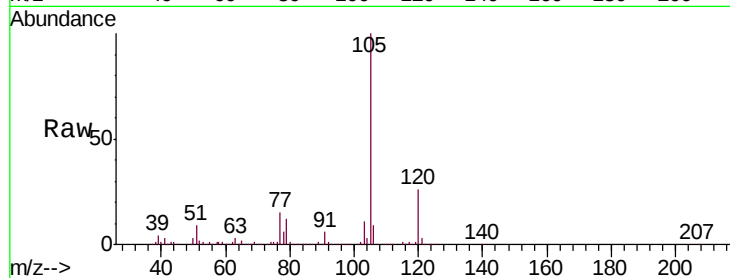
120 26.4 13.3 39.9

Manual Integrations

APPROVED

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12/22/2018 10:50:12 AM



#78

n-propylbenzene

Concen: 11.289 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053120.D

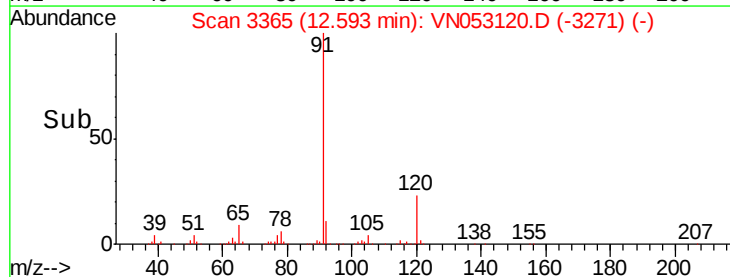
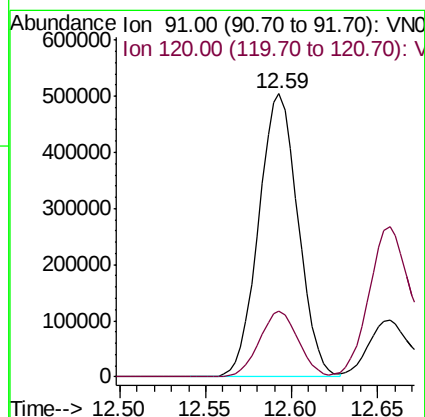
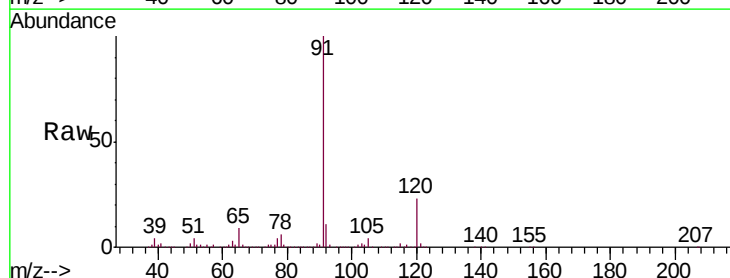
Acq: 21 Dec 2018 23:24

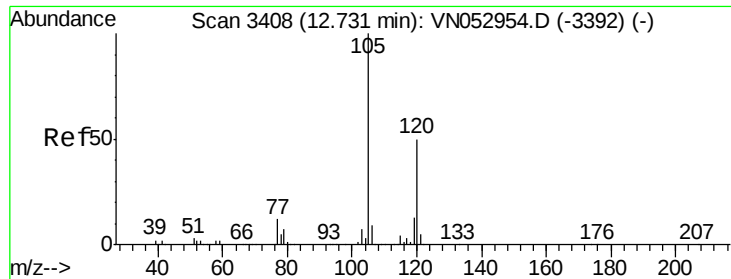
Tgt Ion: 91 Resp: 798214

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 16.906 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053120.D

Acq: 21 Dec 2018 23:24

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:105 Resp: 855472

Ion Ratio Lower Upper

105 100

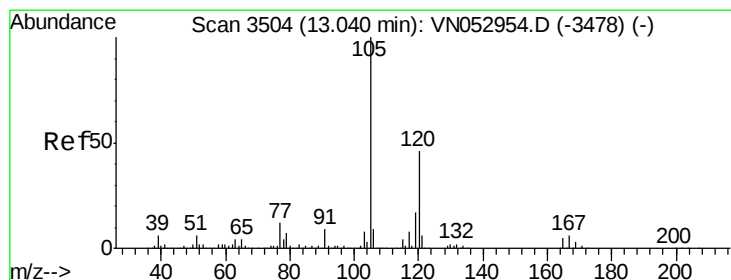
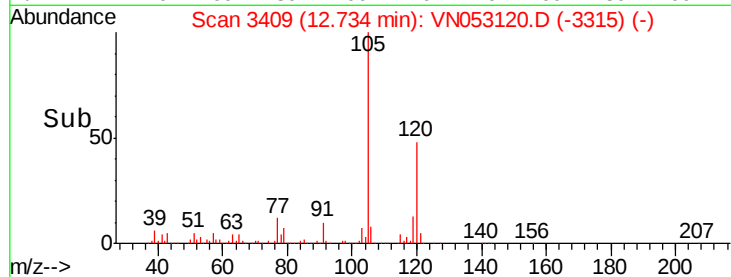
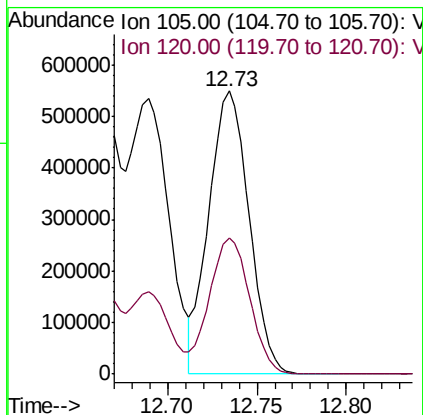
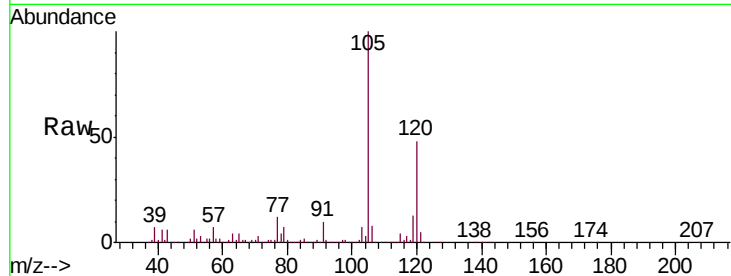
120 48.2 24.4 73.2

Manual Integrations

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#84

1,2,4-Trimethylbenzene

Concen: 57.252 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN053120.D

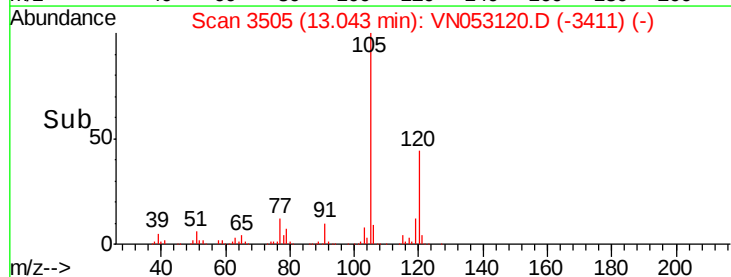
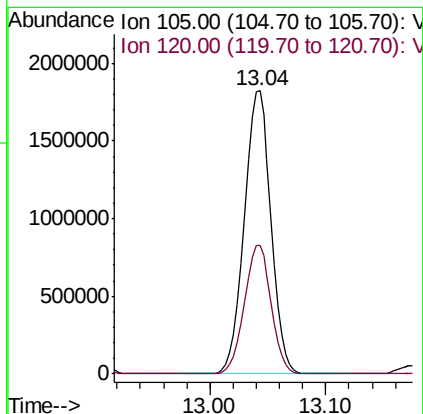
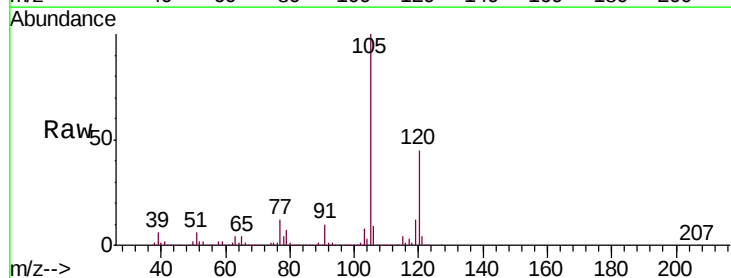
Acq: 21 Dec 2018 23:24

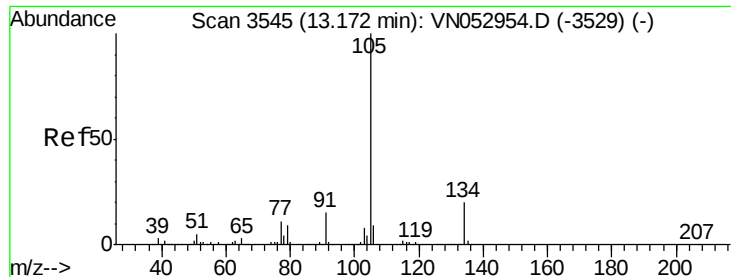
Tgt Ion:105 Resp: 2912430

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.8





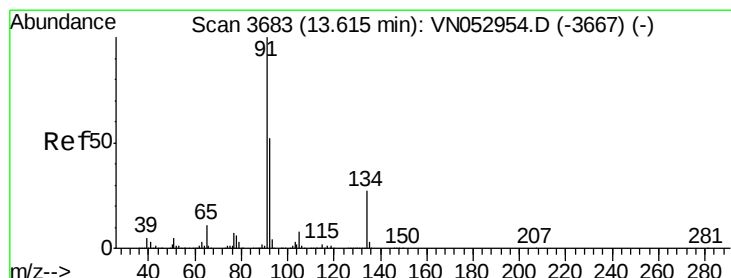
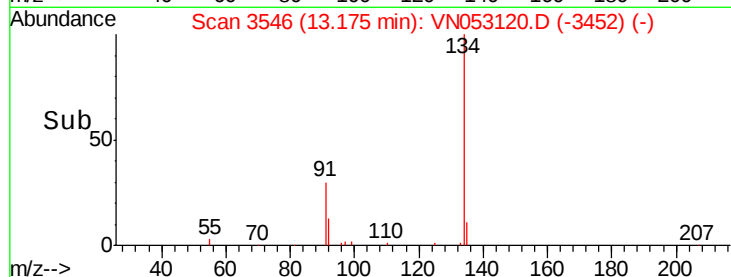
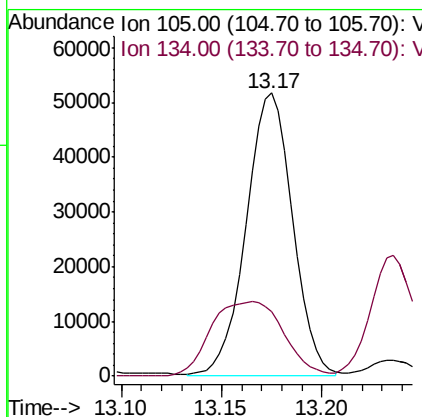
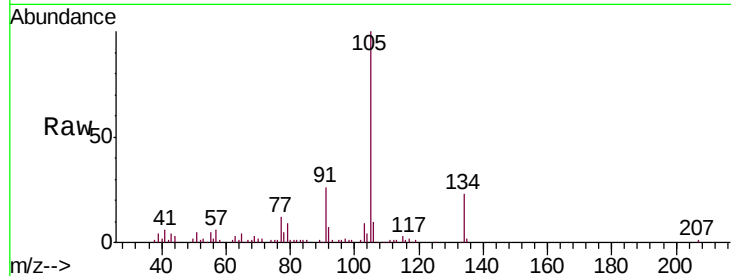
#85
 sec-Butylbenzene
 Concen: 1.380 ug/l m
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053120.D
 Acq: 21 Dec 2018 23:24

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

Tgt Ion: 105 Resp: 83544
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#

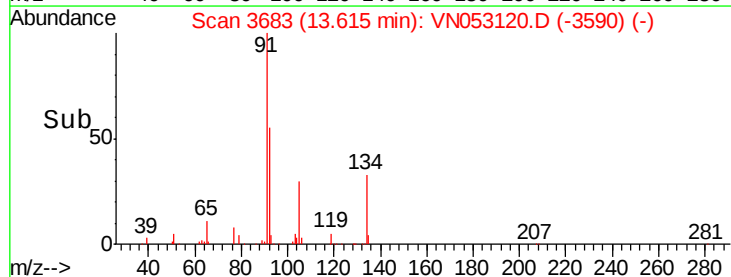
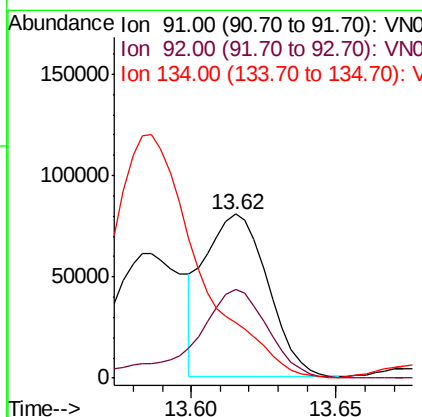
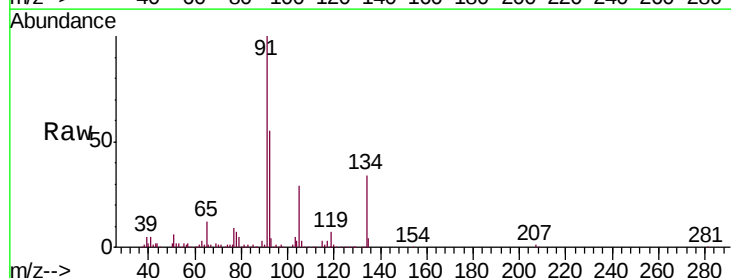
Manual Integrations
 APPROVED

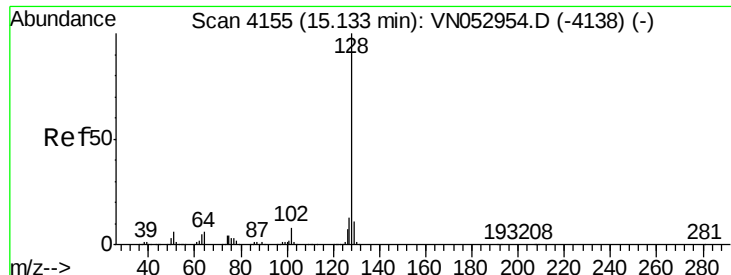
MMDadoda
 12/22/2018 10:50:12 AM



#89
 n-Butylbenzene
 Concen: 2.675 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN053120.D
 Acq: 21 Dec 2018 23:24

Tgt Ion: 91 Resp: 120385
 Ion Ratio Lower Upper
 91 100
 92 63.5 26.3 78.9
 134 0.0 13.3 39.8#





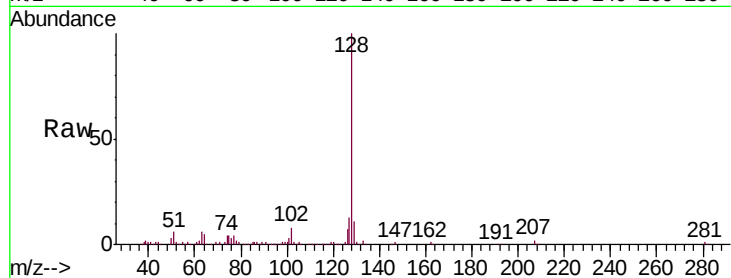
#95
Naphthalene
Concen: 8.736 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053120.D
Acq: 21 Dec 2018 23:24

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.6	13.0

Manual Integrations
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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

