

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053113.D
 Acq On : 21 Dec 2018 20:16
 Operator : MD\SY
 Sample : J6392-06MEDL 10X
 Misc : 5.65g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB103-121118-(20-22)MEDL

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 10:49:33 AM

Quant Time: Dec 22 10:40:57 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	1400844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2119127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1937794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	813148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	672117	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
35) Dibromofluoromethane	7.59	113	540189	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.60%	
50) Toluene-d8	10.09	98	2625689	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	897699	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	111513	4.513	ug/l	94
67) Ethyl Benzene	11.51	91	1600208	21.662	ug/l	99
68) m/p-Xylenes	11.63	106	475334	16.926	ug/l	99
69) o-Xylene	11.95	106	47328	1.756	ug/l	99
73) Isopropylbenzene	12.25	105	487138	7.657	ug/l	100
78) n-propylbenzene	12.59	91	1483716	20.477	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1499893	28.924	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	5063439	97.129	ug/l	99
85) sec-Butylbenzene	13.17	105	172335	2.778	ug/l #	50
86) p-Isopropyltoluene	13.29	119	66344m	1.238	ug/l	
89) n-Butylbenzene	13.62	91	284471	6.169	ug/l #	72
95) Naphthalene	15.13	128	503980	16.549	ug/l	99

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

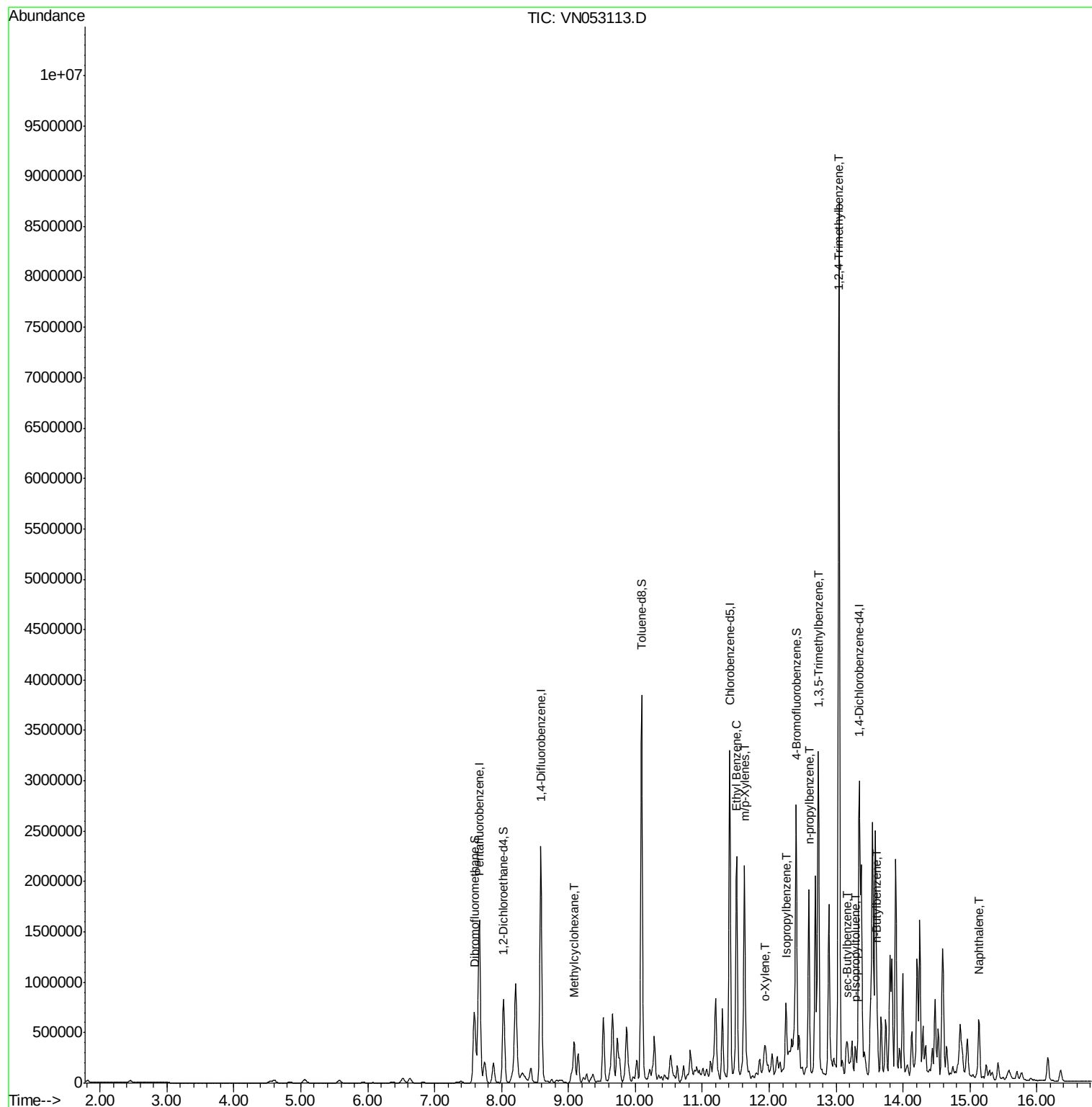
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053113.D
Acq On : 21 Dec 2018 20:16
Operator : MD\SY
Sample : J6392-06MEDL 10X
Misc : 5.65g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 28

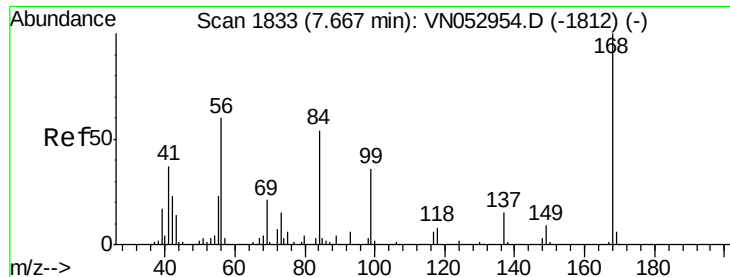
Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

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Quant Time: Dec 22 10:40:57 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: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

Tgt Ion:168 Resp: 1400844

Ion Ratio Lower Upper

168 100

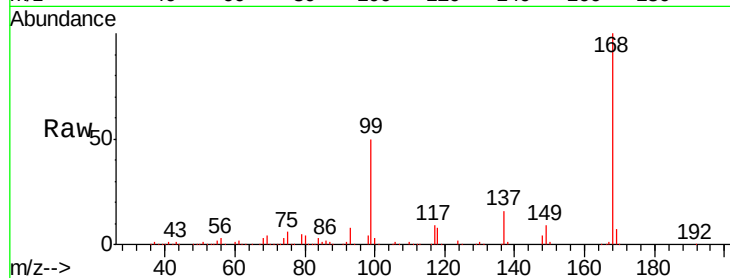
99 49.7 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): VN053113.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053113.D (-1740) (-)

7.67

600000

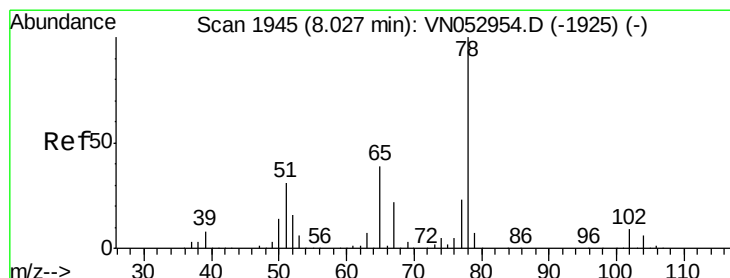
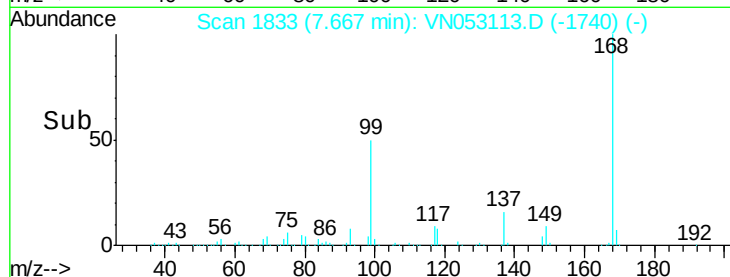
400000

200000

0

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: VN053113.D

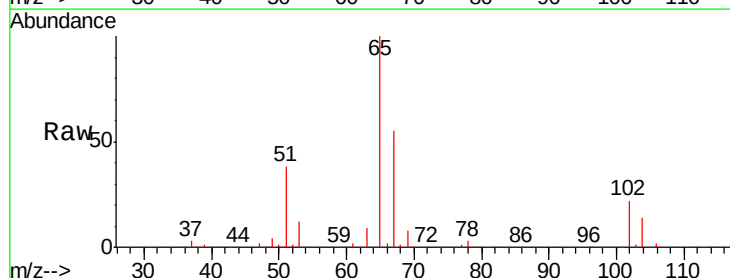
Acq: 21 Dec 2018 20:16

Tgt Ion: 65 Resp: 672117

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053113.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053113.D (-1852) (-)

8.03

300000

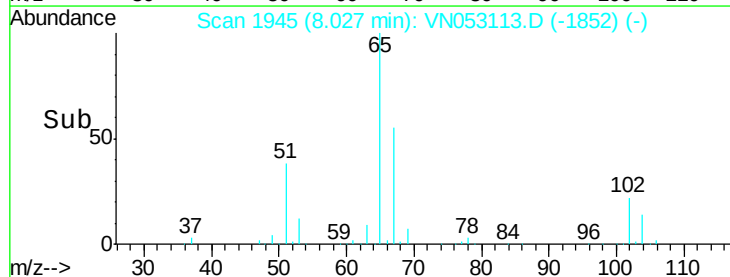
200000

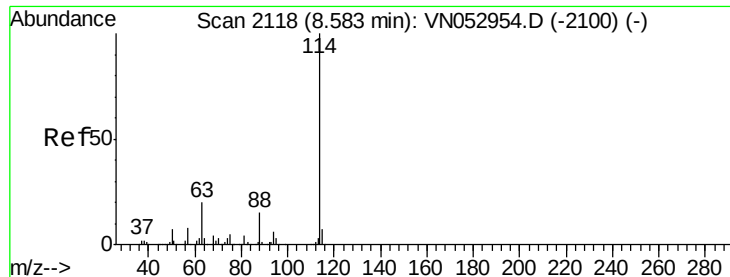
100000

0

7.90 8.00 8.10

Time-->





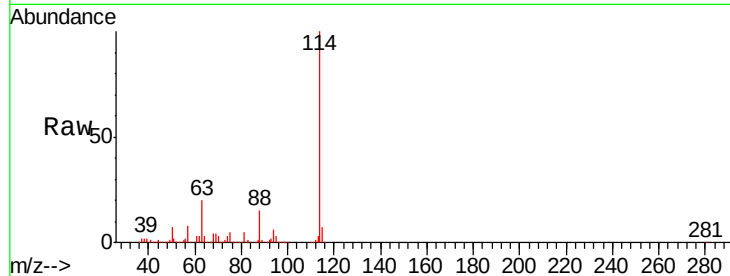
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB103-121118-(20-22)MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	2119127		
63	20.4		0.0	39.8
88	15.4		0.0	31.0

Manual Integrations
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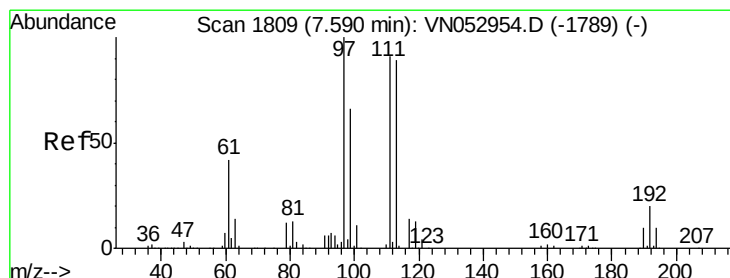
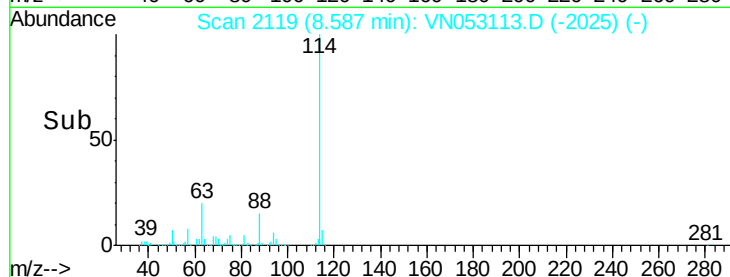
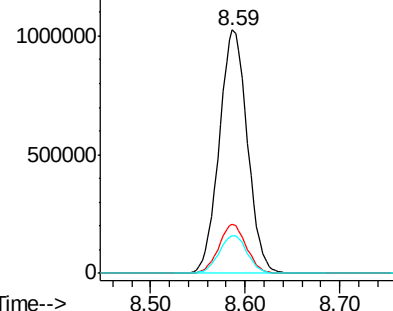
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Abundance Ion 113.90 (113.60 to 114.60): V

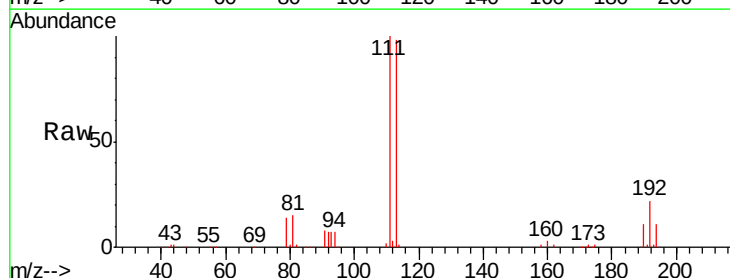
Ion 63.00 (62.70 to 63.70): VN

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: VN053113.D
 Acq: 21 Dec 2018 20:16

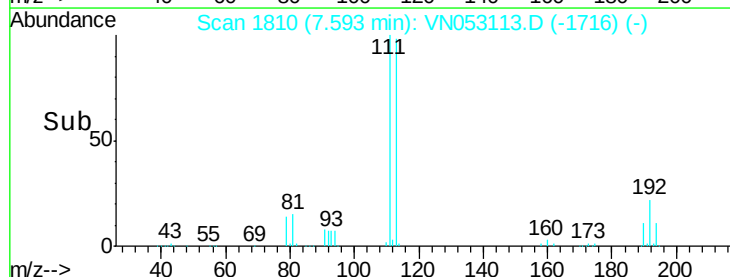
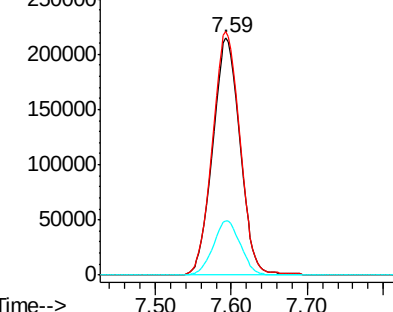
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	540189		
111	102.5		83.0	124.4
192	22.7		17.5	26.3

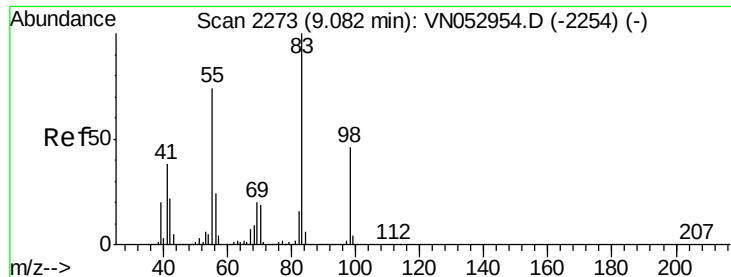


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





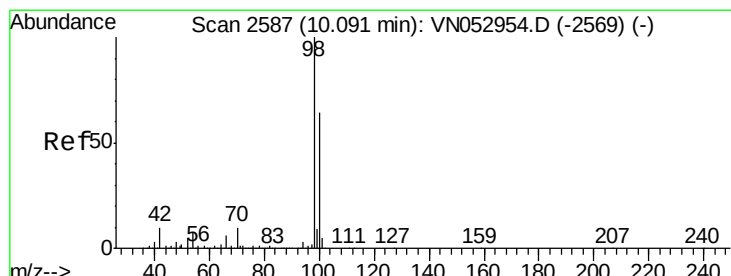
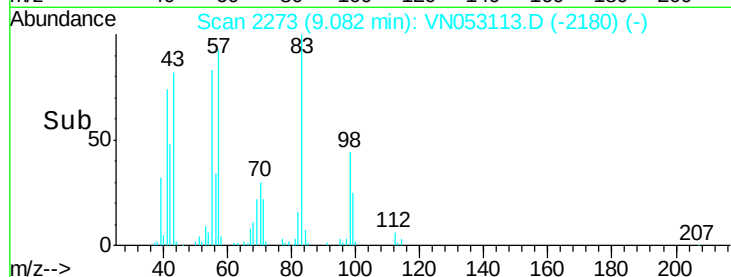
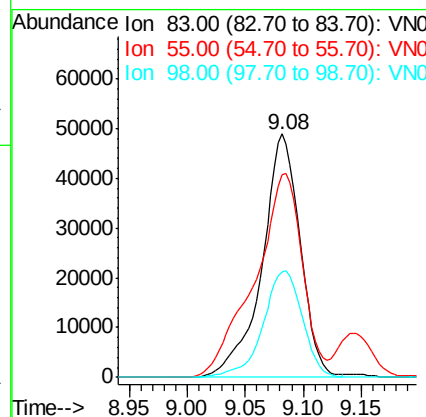
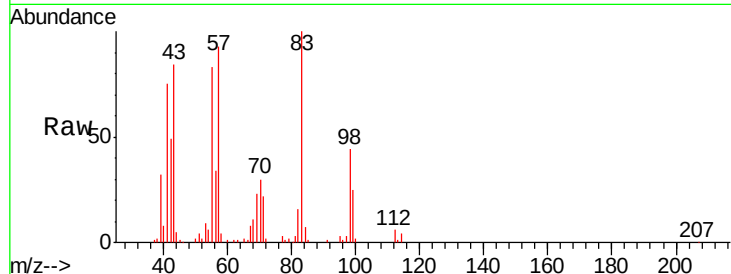
#39
Methylcyclohexane
Concen: 4.513 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.9	61.3	91.9
98	43.5	37.0	55.4

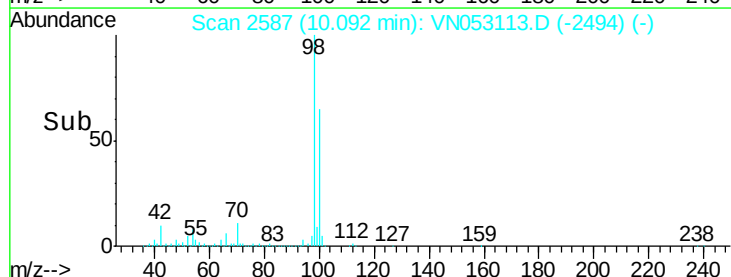
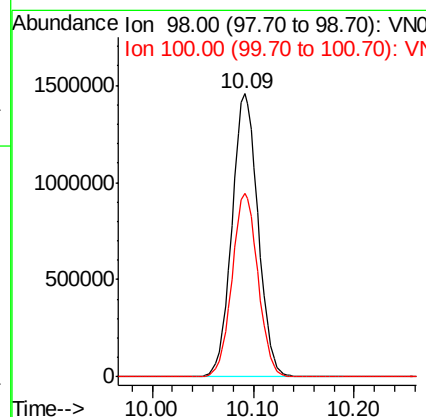
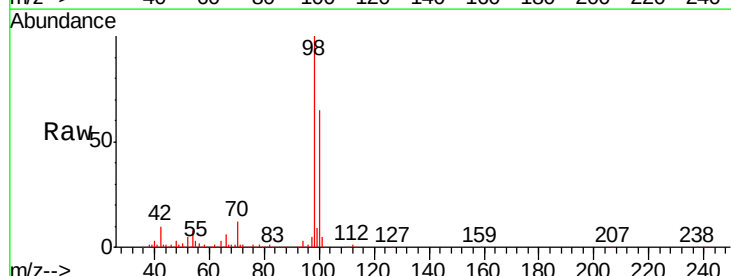
Manual Integrations
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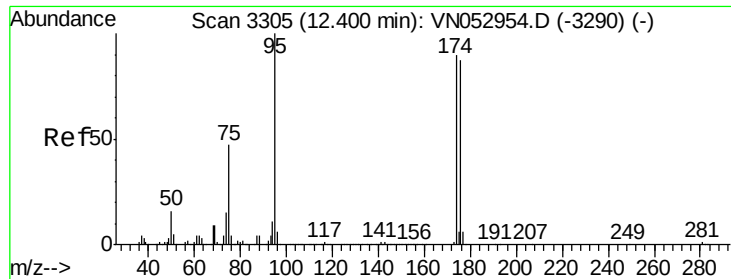
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	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: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

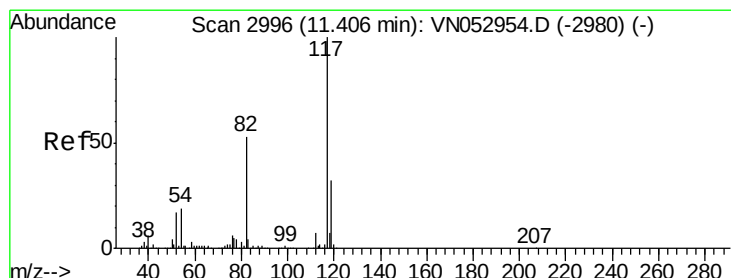
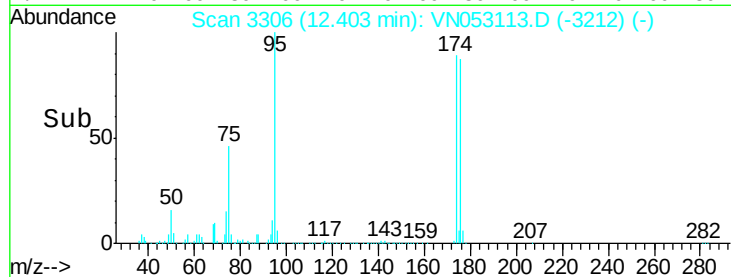
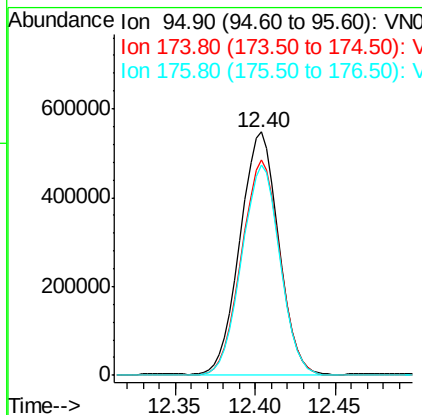
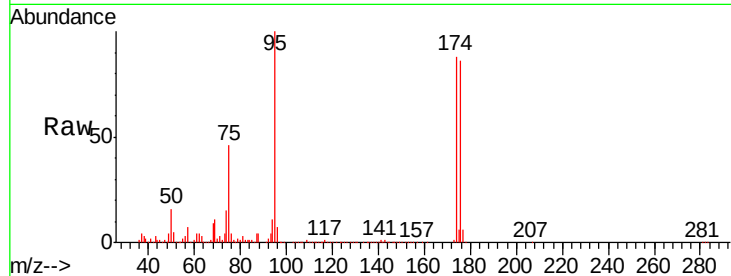
ClientSampleId :

KY001SB103-121118-(20-22)MEDL

Tgt Ion:	95	Resp:	897699
Ion Ratio	Lower	Upper	
95	100		
174	88.8	0.0	178.8
176	86.3	0.0	173.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

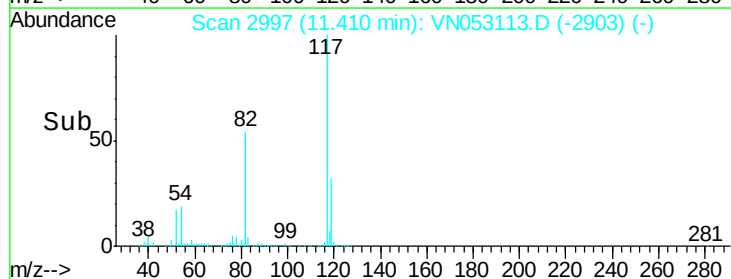
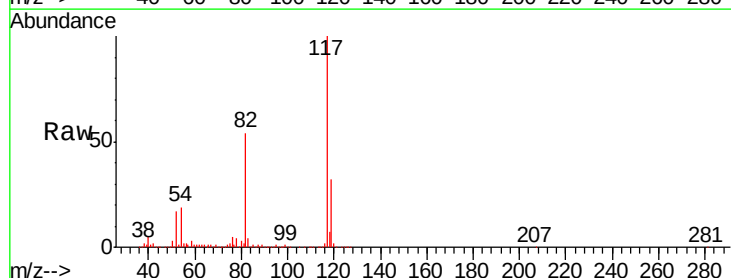
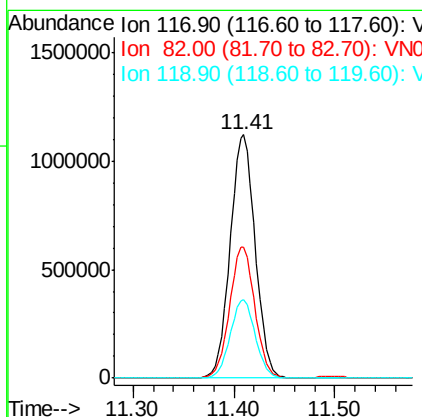
RT: 11.41 min Scan# 2997

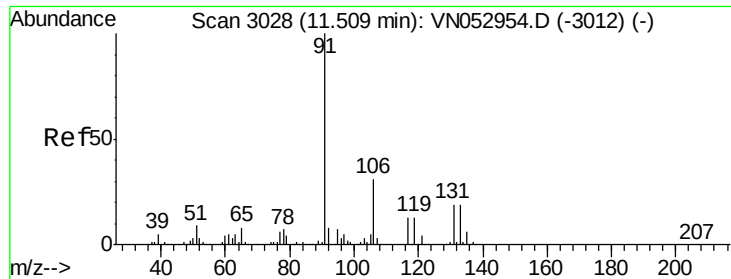
Delta R.T. 0.00 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Tgt Ion:	117	Resp:	1937794
Ion Ratio	Lower	Upper	
117	100		
82	53.6	42.8	64.2
119	32.1	25.5	38.3





#67

Ethyl Benzene

Concen: 21.662 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

Tgt Ion: 91 Resp: 1600208

Ion Ratio Lower Upper

91 100

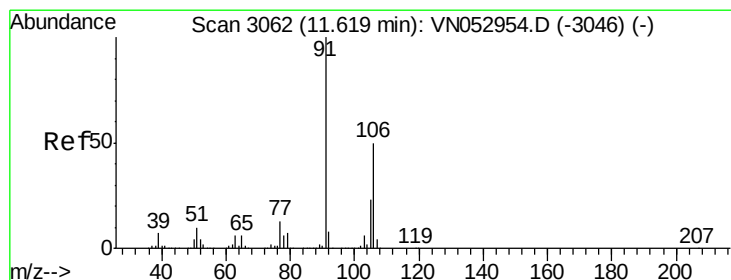
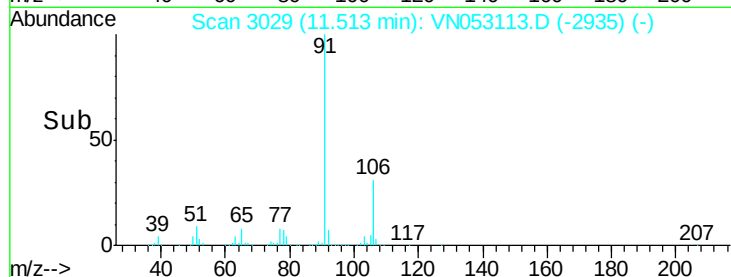
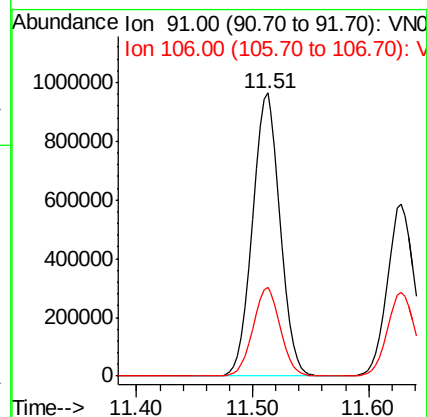
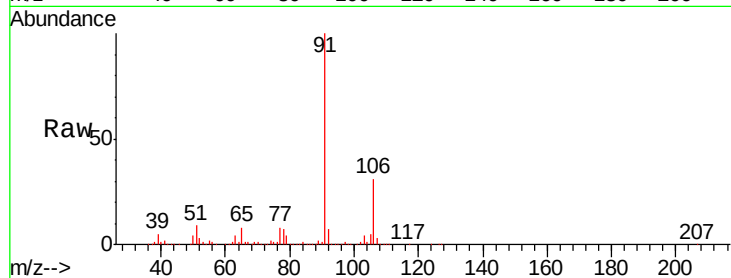
106 31.4 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 16.926 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN053113.D

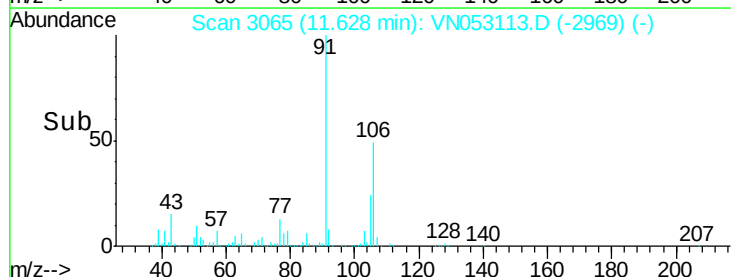
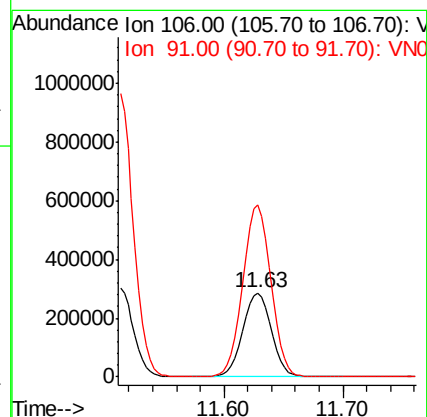
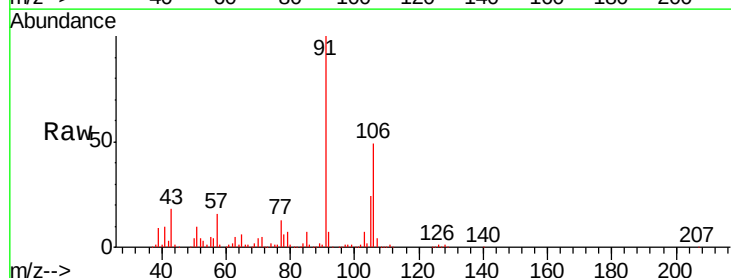
Acq: 21 Dec 2018 20:16

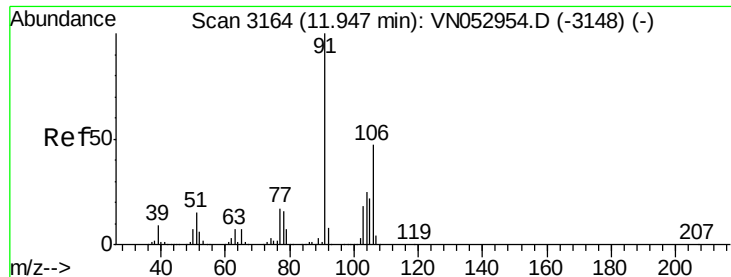
Tgt Ion: 106 Resp: 475334

Ion Ratio Lower Upper

106 100

91 201.4 162.2 243.4





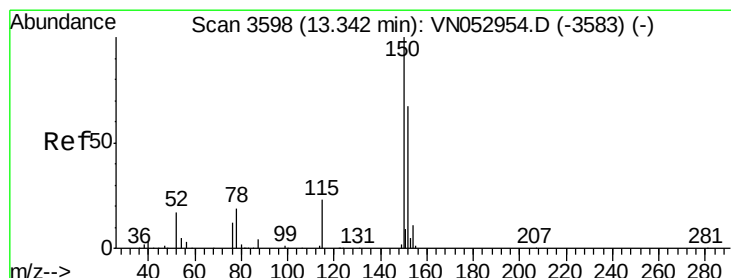
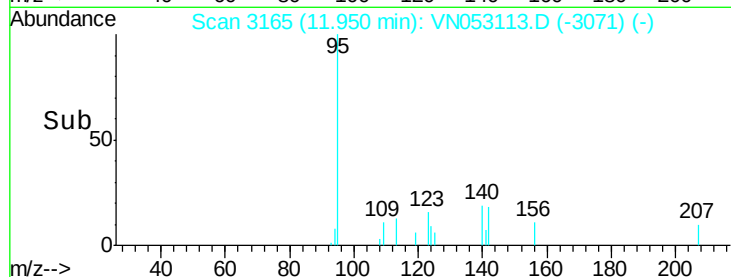
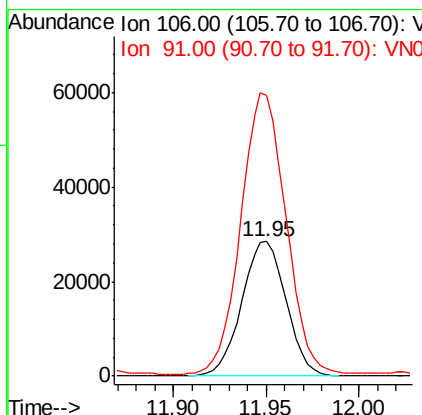
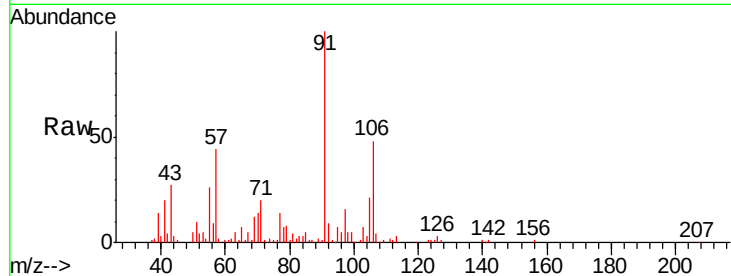
#69
o-Xylene
Concen: 1.756 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

Tgt Ion:106 Resp: 47328
Ion Ratio Lower Upper
106 100
91 212.2 106.6 319.8

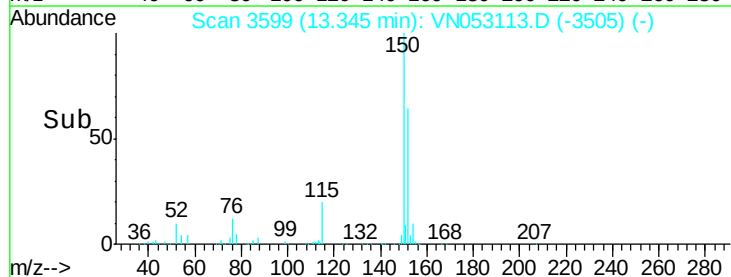
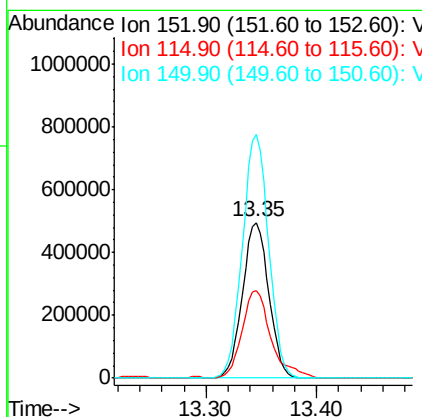
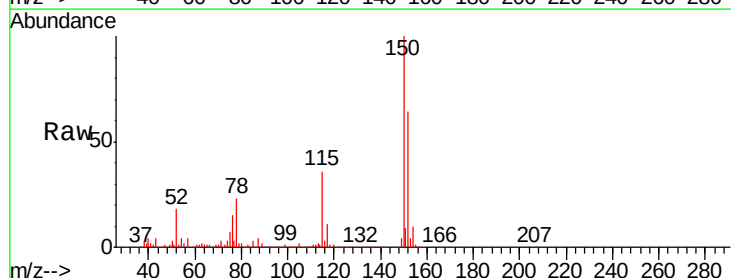
Manual Integrations
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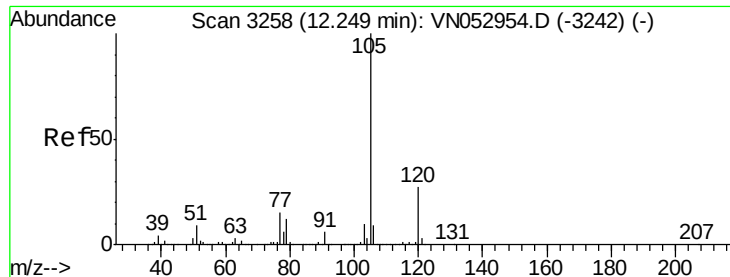
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12/22/2018 10:49:33 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion:152 Resp: 813148
Ion Ratio Lower Upper
152 100
115 61.5 28.3 85.0
150 156.5 0.0 347.8





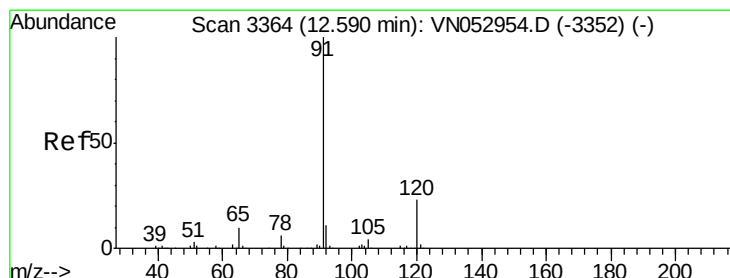
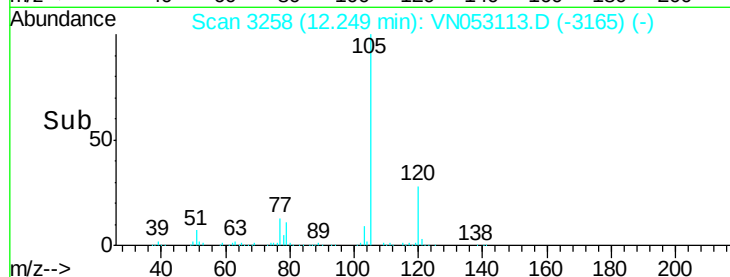
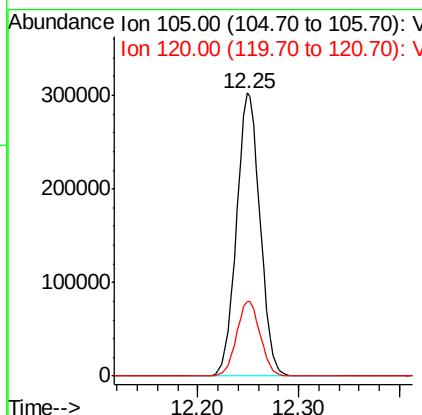
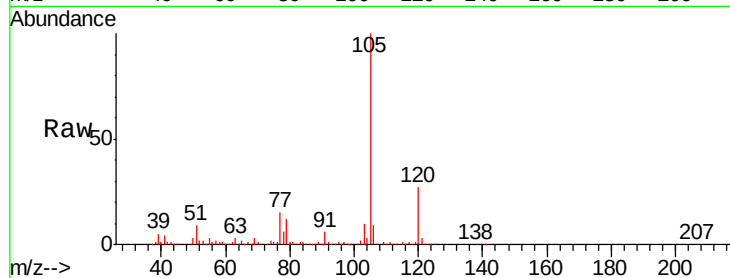
#73
Isopropylbenzene
Concen: 7.657 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.3	39.9

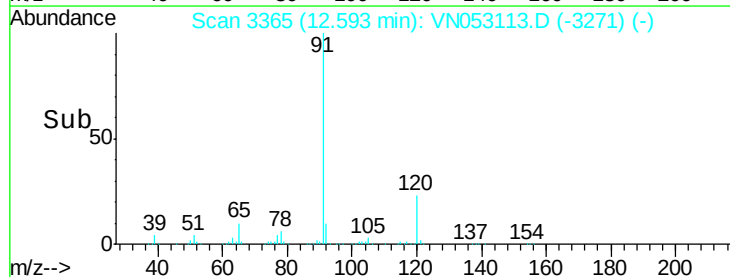
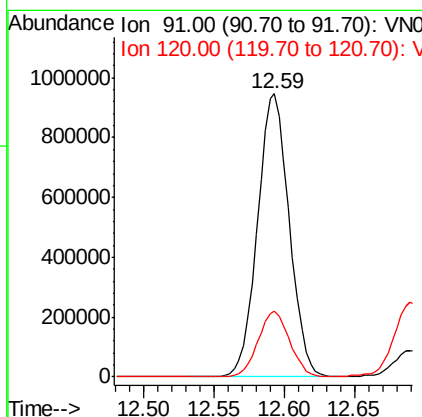
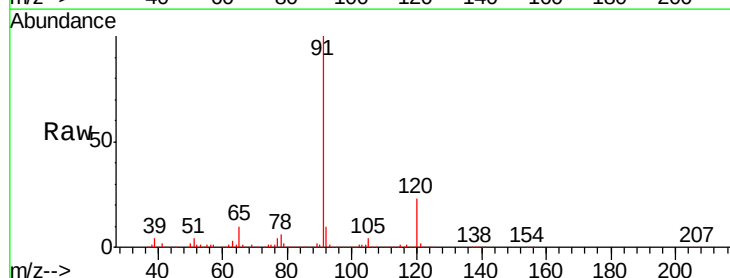
Manual Integrations
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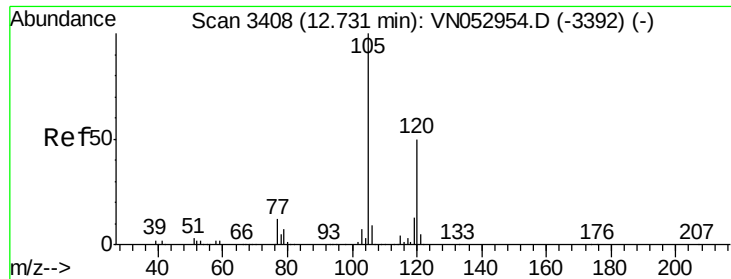
MMDadoda
12/22/2018 10:49:33 AM



#78
n-propylbenzene
Concen: 20.477 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.5





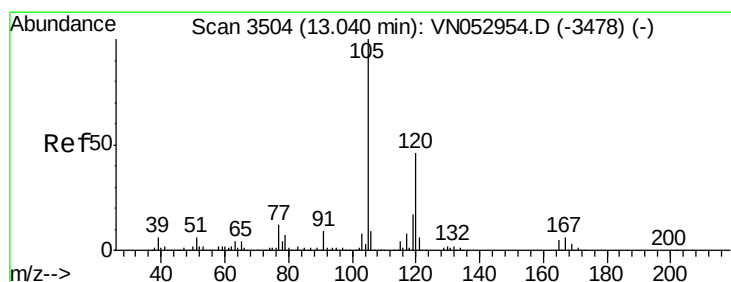
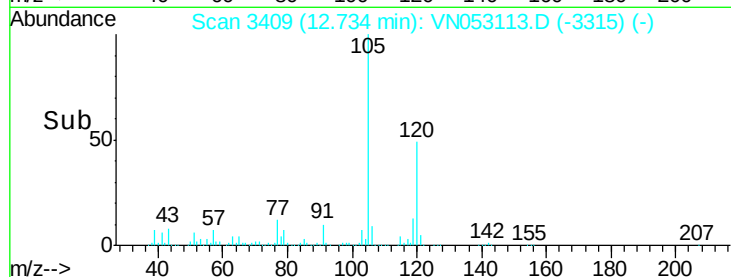
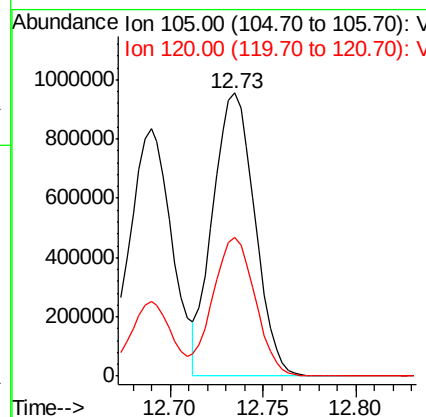
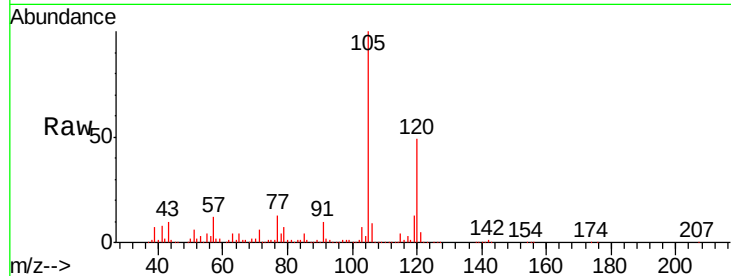
#80
 1,3,5-Trimethylbenzene
 Concen: 28.924 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB103-121118-(20-22)MEDL

Tgt Ion:105 Resp: 1499893
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.2

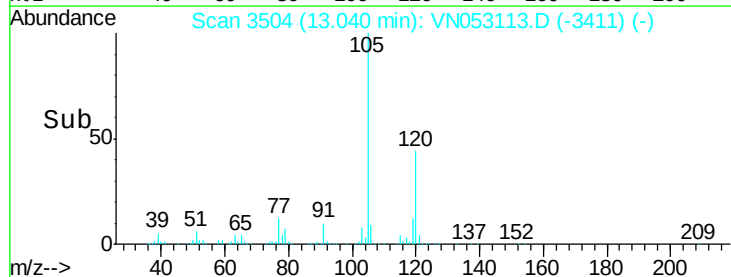
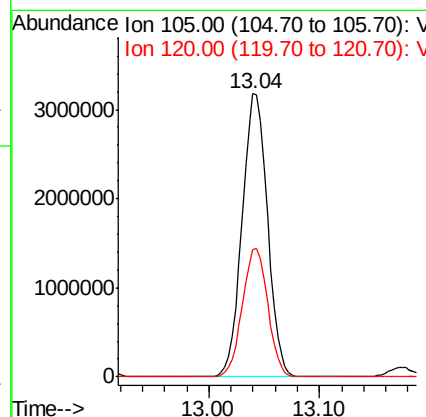
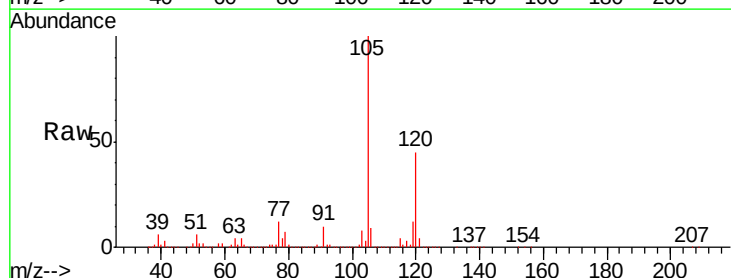
Manual Integrations
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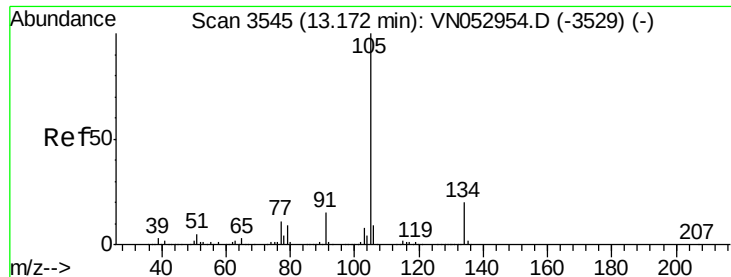
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 12/22/2018 10:49:33 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 97.129 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

Tgt Ion:105 Resp: 5063439
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.8





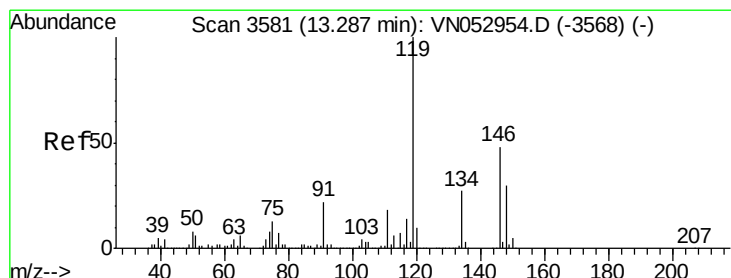
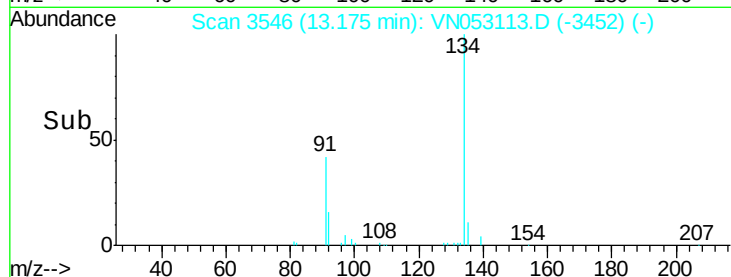
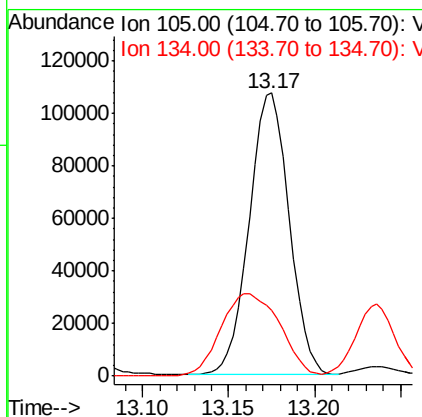
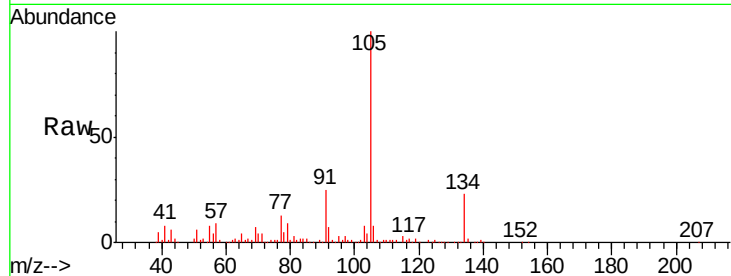
#85
 sec-Butylbenzene
 Concen: 2.778 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB103-121118-(20-22)MEDL

Tgt Ion:105 Resp: 172335
 Ion Ratio Lower Upper
 105 100
 134 43.4 10.1 30.3#

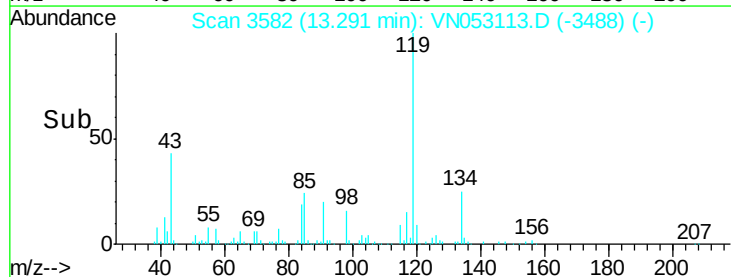
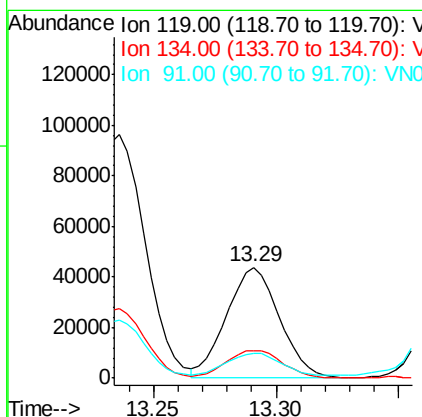
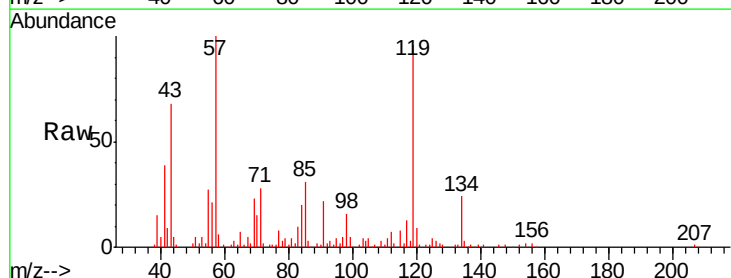
Manual Integrations
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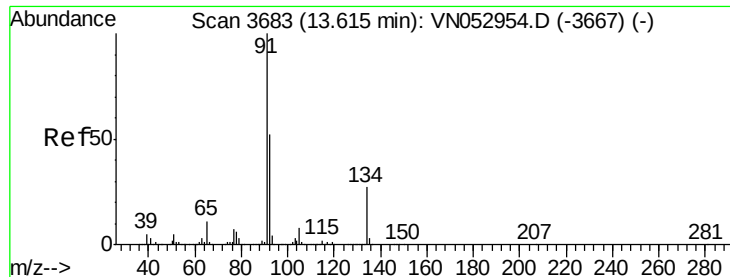
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 12/22/2018 10:49:33 AM



#86
 p-Isopropyltoluene
 Concen: 1.238 ug/l m
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

Tgt Ion:119 Resp: 66344
 Ion Ratio Lower Upper
 119 100
 134 64.3 13.4 40.2#
 91 48.2 11.1 33.3#





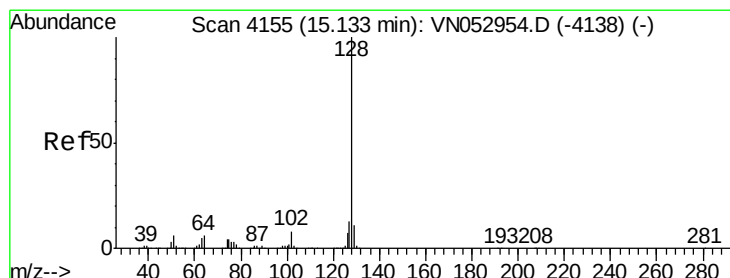
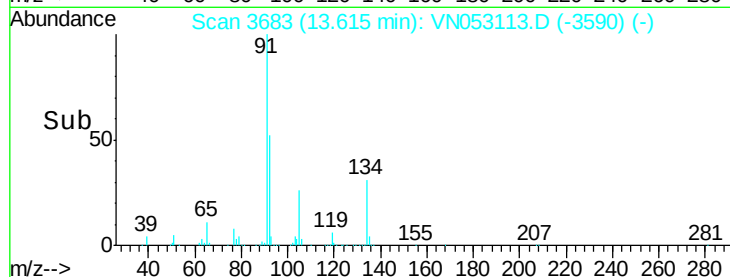
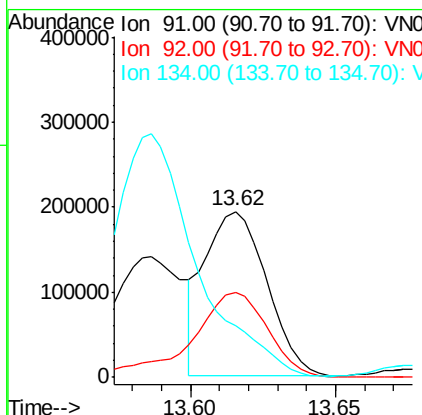
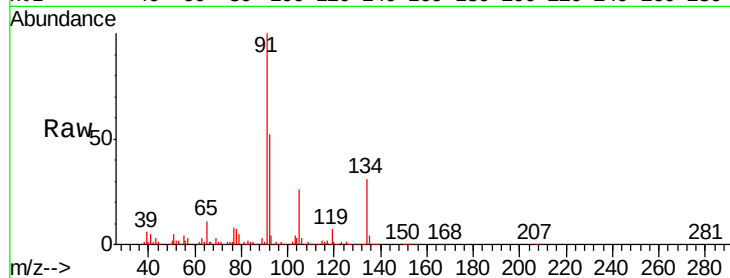
#89
n-Butylbenzene
Concen: 6.169 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.7	26.3	78.9
134	0.0	13.3	39.8#

Manual Integrations
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12/22/2018 10:49:33 AM



#95
Naphthalene
Concen: 16.549 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	11.0	8.6	13.0

