

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053118.D
 Acq On : 21 Dec 2018 22:30
 Operator : MD\SY
 Sample : J6392-13ME 20X
 Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218-(24-26)ME

Manual Integrations
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MMDadoda
 12/22/2018 10:50:03 AM

Quant Time: Dec 22 03:23:45 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	1317649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1996343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1866827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	843529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	640731	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.59	113	516270	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
50) Toluene-d8	10.09	98	2490052	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	891043	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	137088	4.977	ug/l #	78
39) Methylcyclohexane	9.08	83	201364	8.651	ug/l	92
40) Benzene	8.05	78	97541	1.711	ug/l	97
52) Toluene	10.16	92	2496109	70.657	ug/l	100
67) Ethyl Benzene	11.51	91	2000851	28.115	ug/l	99
68) m/p-Xylenes	11.62	106	2784020	102.904	ug/l	99
69) o-Xylene	11.95	106	1078583	41.546	ug/l	99
73) Isopropylbenzene	12.25	105	467606	7.085	ug/l	99
78) n-propylbenzene	12.59	91	1012735	13.473	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1175437	21.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3778182	69.864	ug/l	100
85) sec-Butylbenzene	13.17	105	74226m	1.153	ug/l	
86) p-Isopropyltoluene	13.29	119	370204	6.658	ug/l	99
89) n-Butylbenzene	13.62	91	133835	2.798	ug/l #	74
95) Naphthalene	15.14	128	344475	11.295	ug/l	100

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

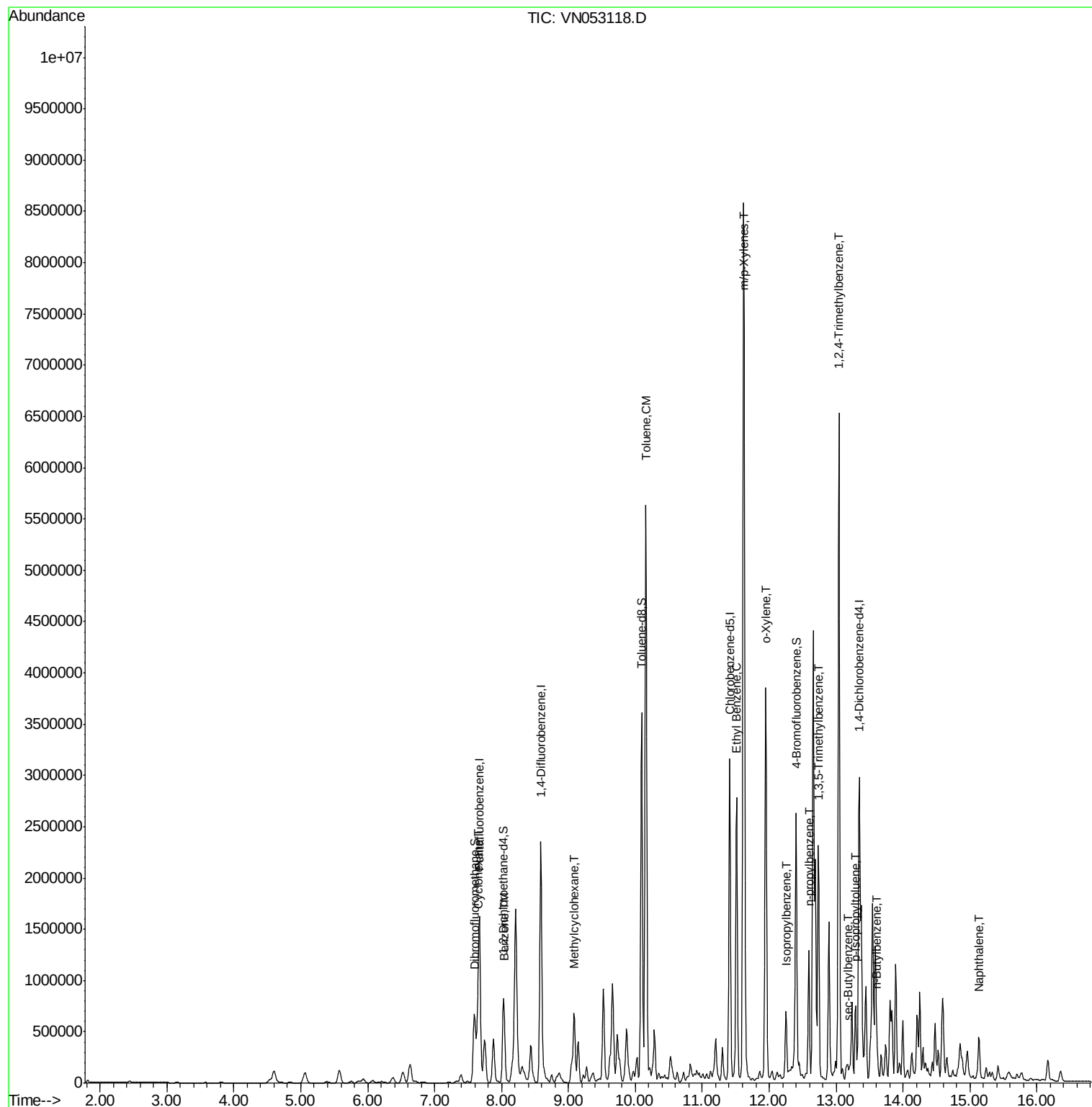
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053118.D
Acq On : 21 Dec 2018 22:30
Operator : MD\SY
Sample : J6392-13ME 20X
Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 28 Sample Multiplier: 28

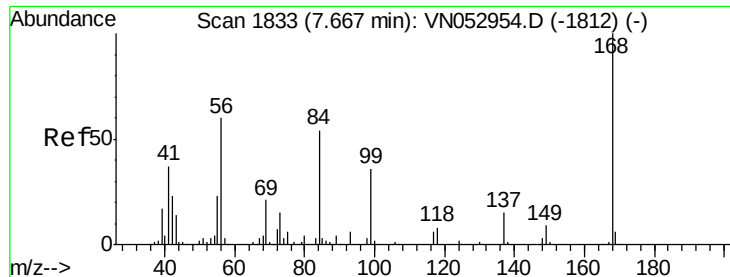
Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(24-26)ME

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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: VN053118.D

Acq: 21 Dec 2018 22:30

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218-(24-26)ME

Tgt Ion:168 Resp: 1317649

Ion Ratio Lower Upper

168 100

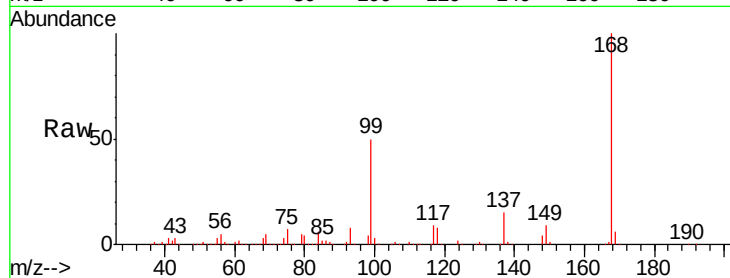
99 50.2 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

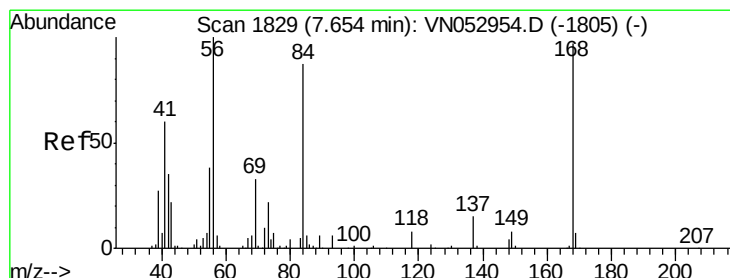
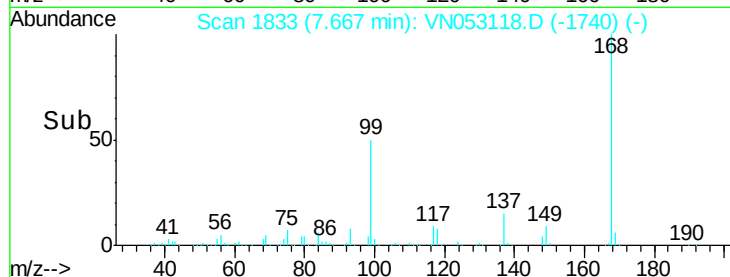
100000

0

7.67

7.60 7.70 7.80

Time-->



#31

Cyclohexane

Concen: 4.977 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.01 min

Lab File: VN053118.D

Acq: 21 Dec 2018 22:30

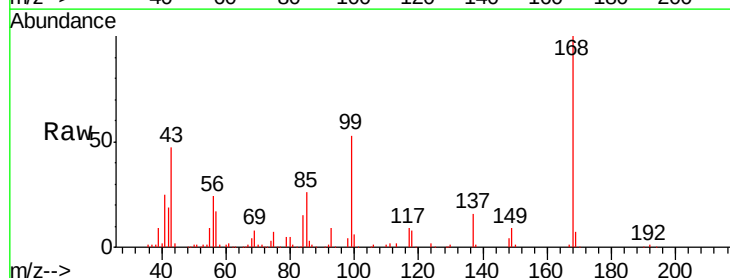
Tgt Ion: 56 Resp: 137088

Ion Ratio Lower Upper

56 100

69 27.8 26.6 39.8

84 61.4 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

120000

100000

80000

60000

40000

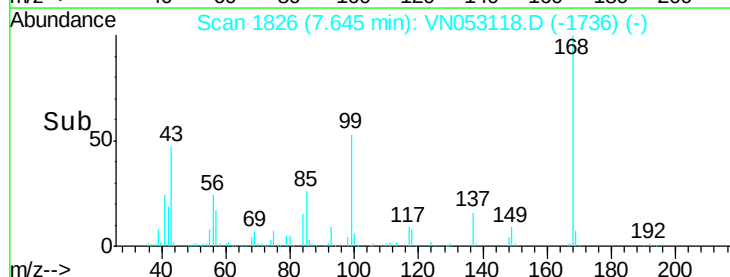
20000

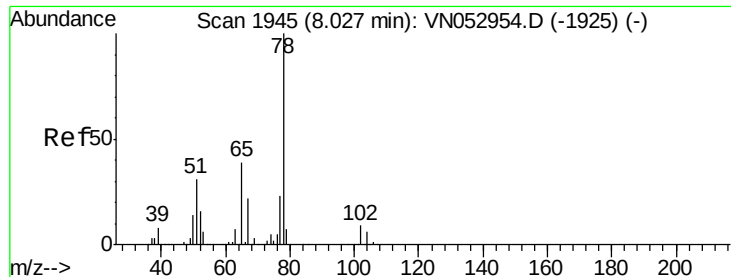
0

7.64

7.55 7.60 7.65 7.70

Time-->





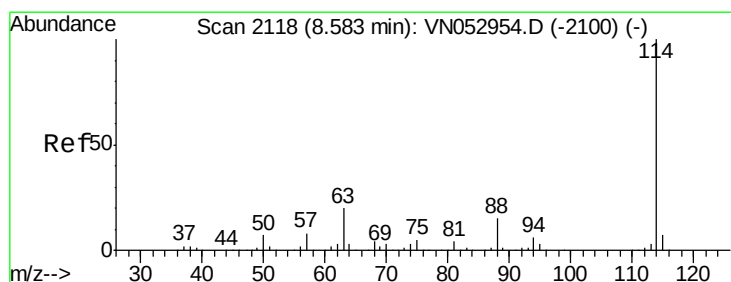
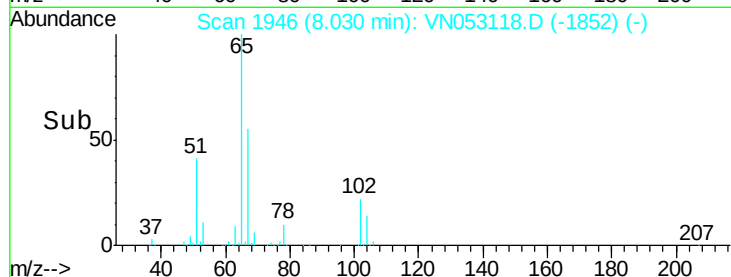
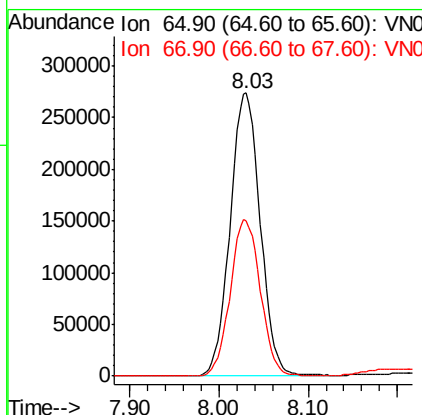
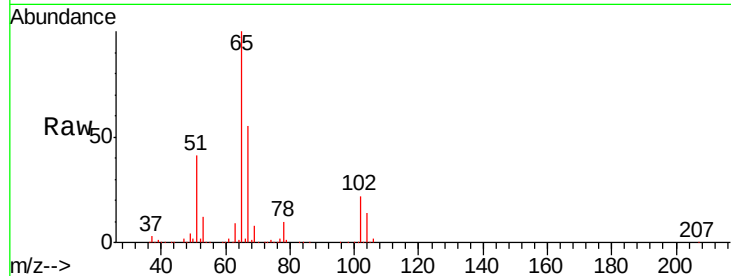
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053118.D
 Acq: 21 Dec 2018 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218-(24-26)ME

Tgt Ion: 65 Resp: 640731
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.4

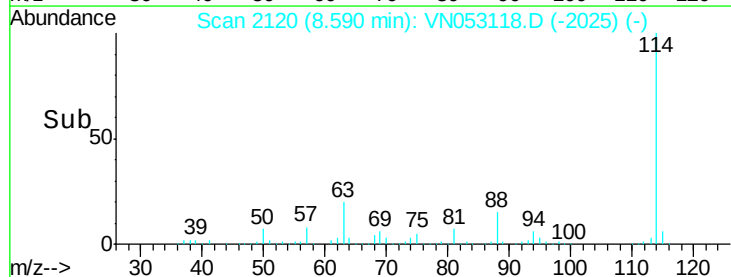
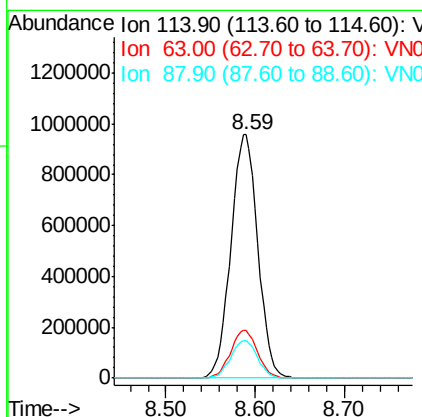
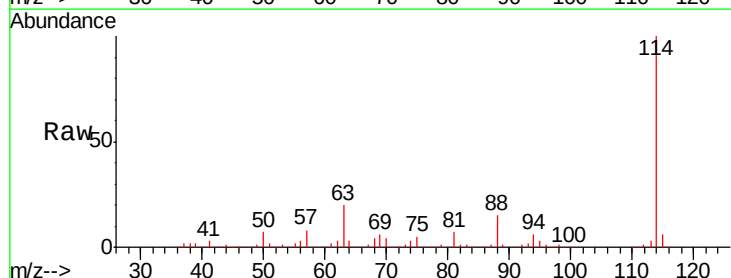
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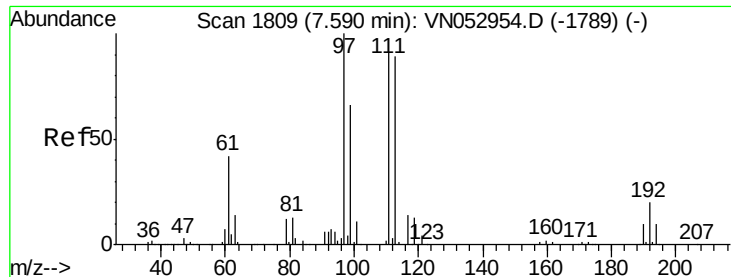
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: VN053118.D
 Acq: 21 Dec 2018 22:30

Tgt Ion: 114 Resp: 1996343
 Ion Ratio Lower Upper
 114 100
 63 19.5 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: VN053118.D

Acq: 21 Dec 2018 22:30

Instrument :

MSVOA_N

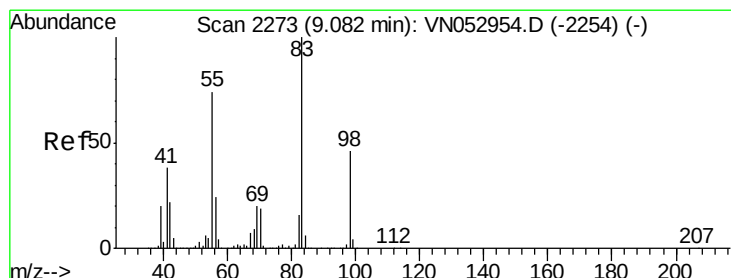
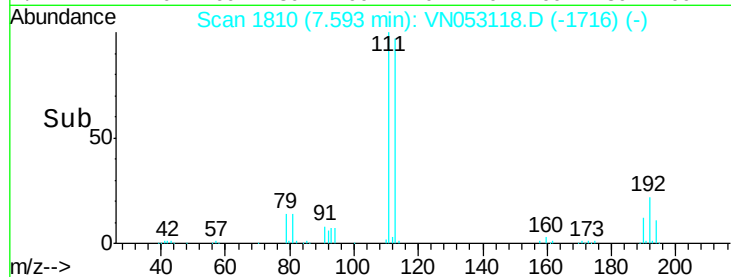
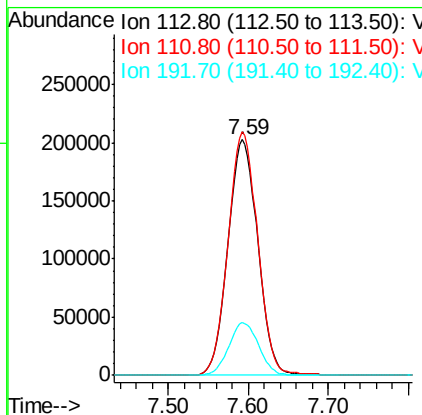
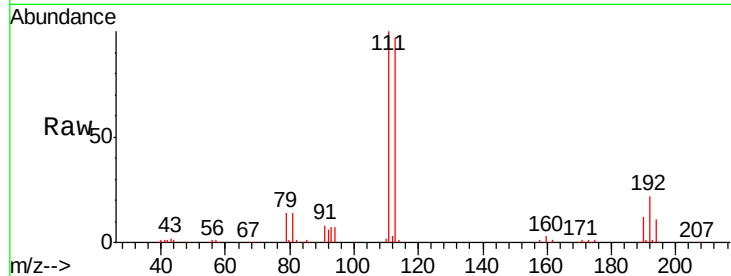
ClientSampleId :

KY001SB104-121218-(24-26)ME

Tgt Ion:	113	Resp:	516270
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.0	124.4
192	22.4	17.5	26.3

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12/22/2018 10:50:03 AM



#39

Methylcyclohexane

Concen: 8.651 ug/l

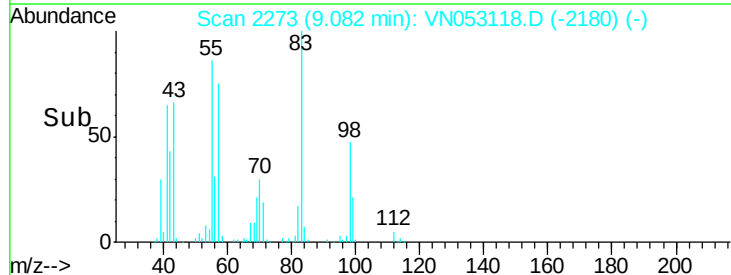
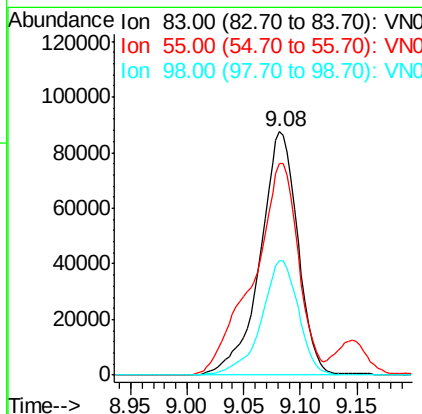
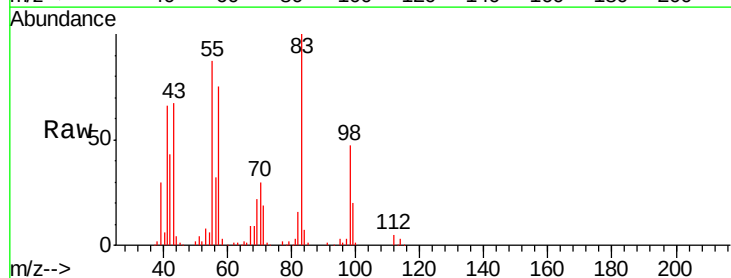
RT: 9.08 min Scan# 2273

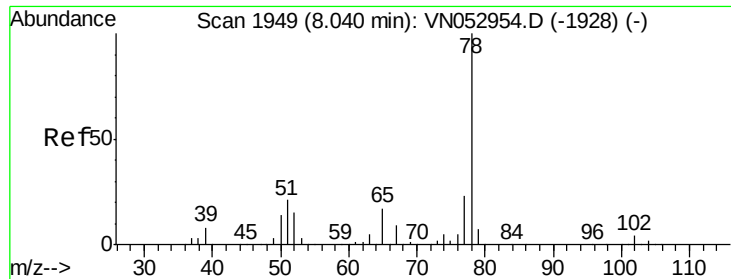
Delta R.T. -0.00 min

Lab File: VN053118.D

Acq: 21 Dec 2018 22:30

Tgt Ion:	83	Resp:	201364
Ion Ratio	Lower	Upper	
83	100		
55	86.6	61.3	91.9
98	47.0	37.0	55.4





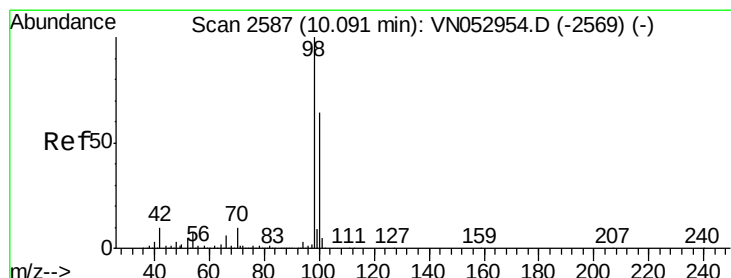
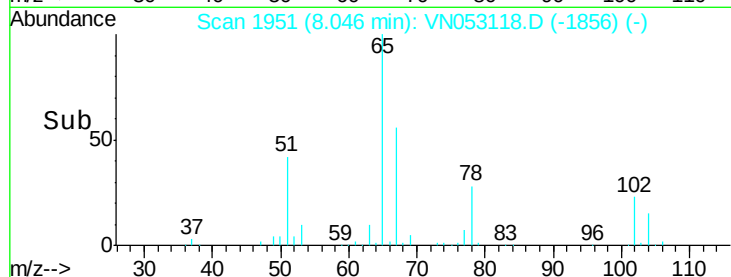
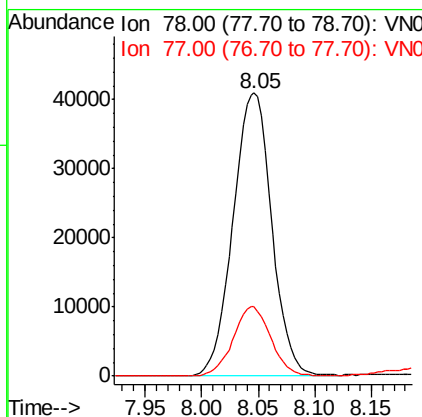
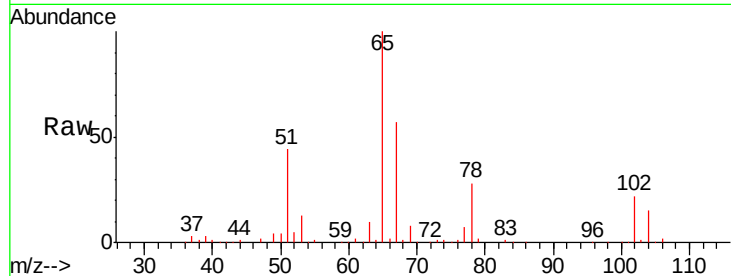
#40
Benzene
Concen: 1.711 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.01 min
Lab File: VN053118.D
Acq: 21 Dec 2018 22:30

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(24-26)ME

Tgt Ion: 78 Resp: 97541
Ion Ratio Lower Upper
78 100
77 24.6 18.5 27.7

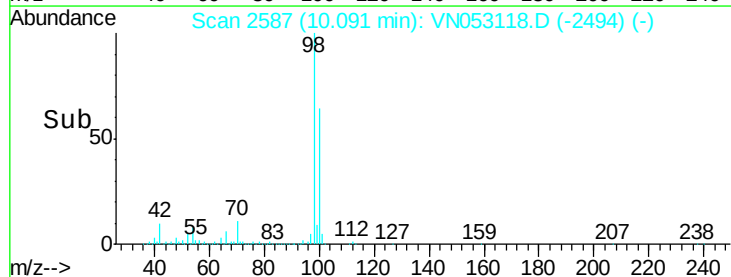
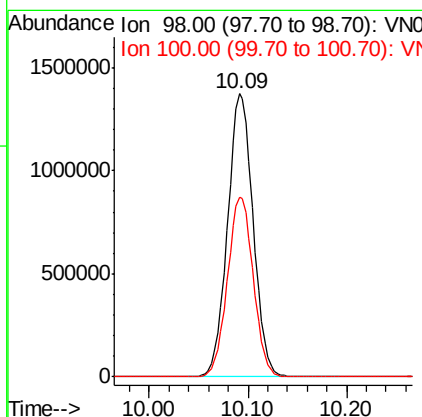
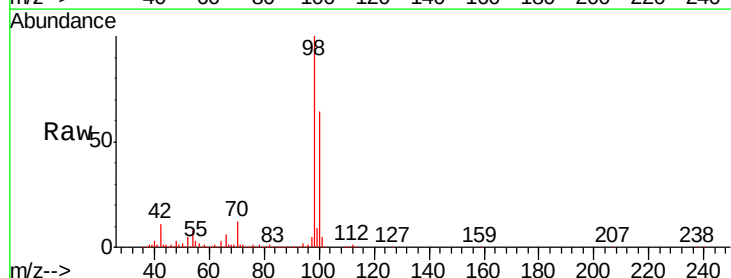
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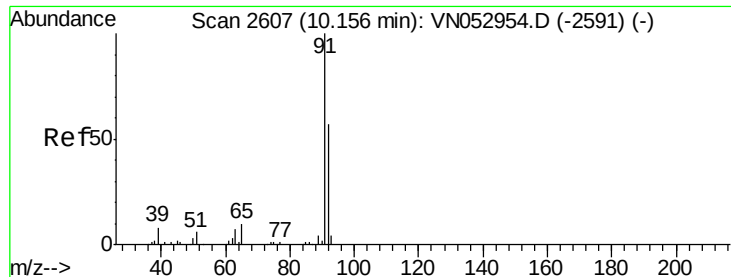
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12/22/2018 10:50:03 AM



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053118.D
Acq: 21 Dec 2018 22:30

Tgt Ion: 98 Resp: 2490052
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





#52

Toluene

Concen: 70.657 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053118.D

Acq: 21 Dec 2018 22:30

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218-(24-26)ME

Tgt Ion: 92 Resp: 2496109

Ion Ratio Lower Upper

92 100

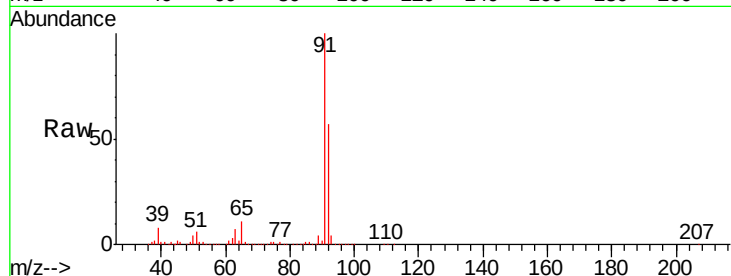
91 174.6 139.8 209.6

Manual Integrations

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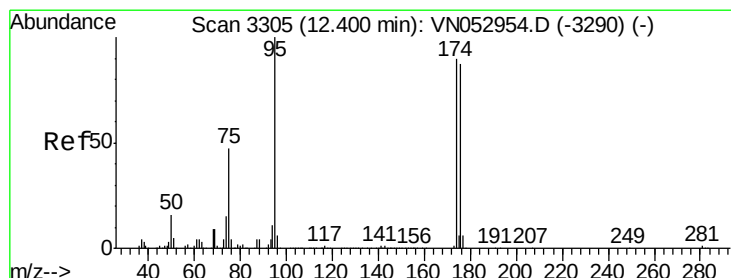
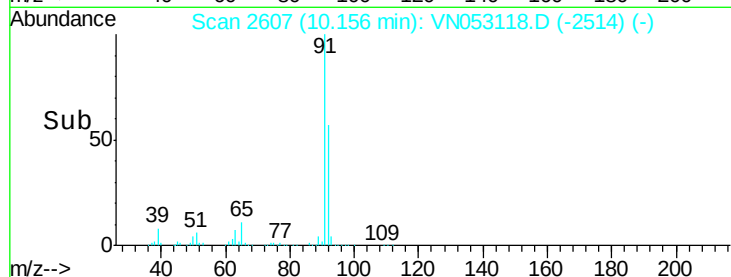
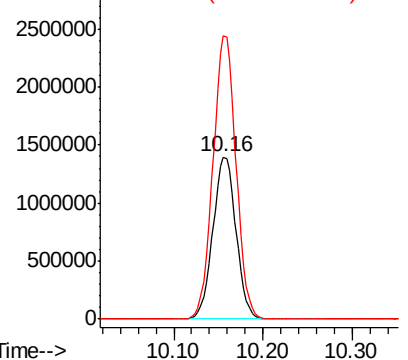
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12/22/2018 10:50:03 AM



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053118.D

Acq: 21 Dec 2018 22:30

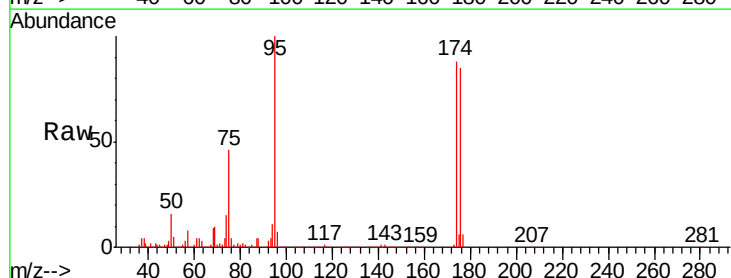
Tgt Ion: 95 Resp: 891043

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.8

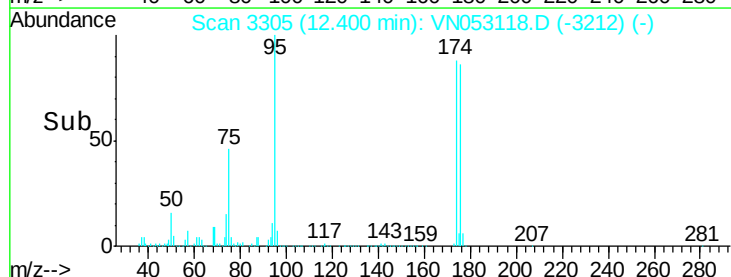
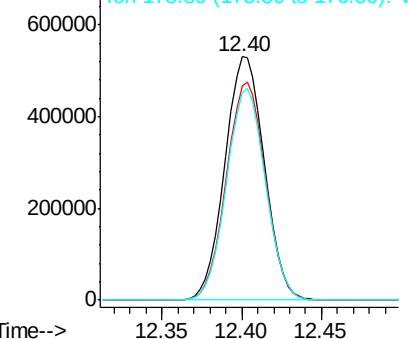
176 86.2 0.0 173.8

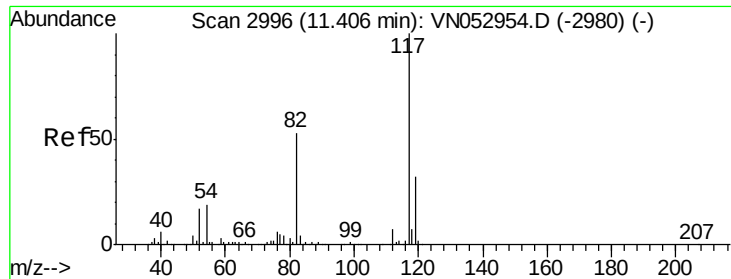


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





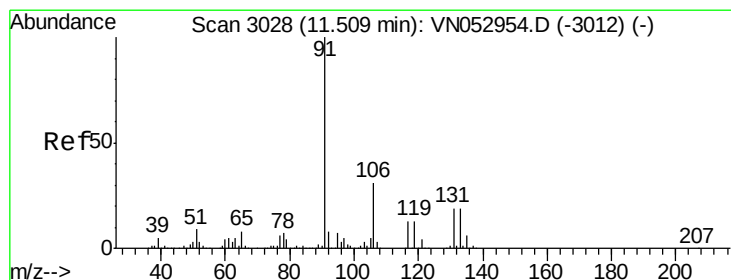
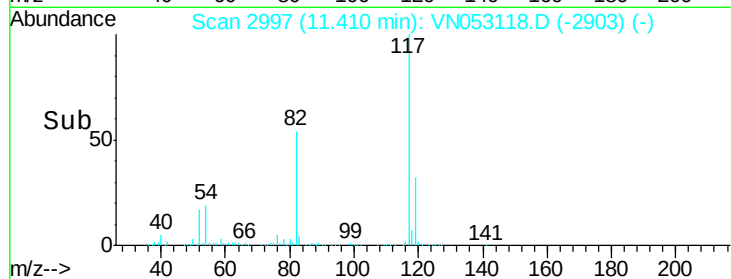
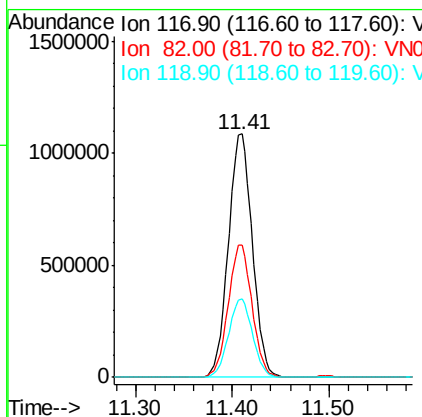
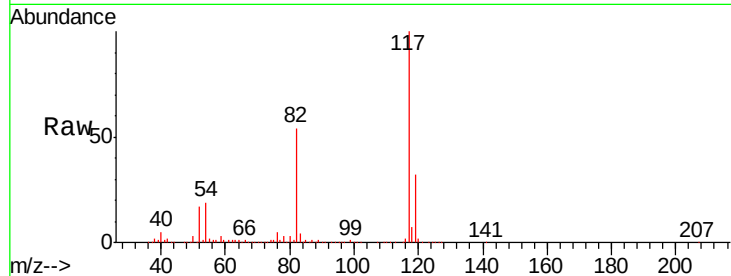
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053118.D
Acq: 21 Dec 2018 22:30

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(24-26)ME

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.8	64.2
119	32.1	25.5	38.3

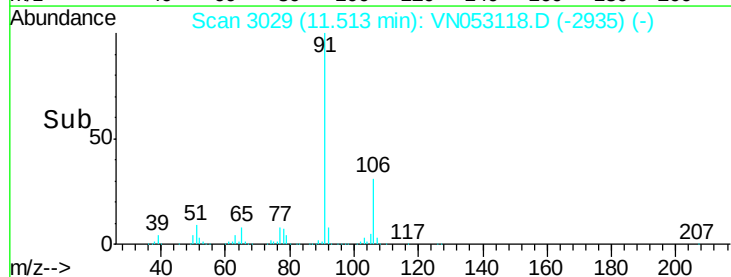
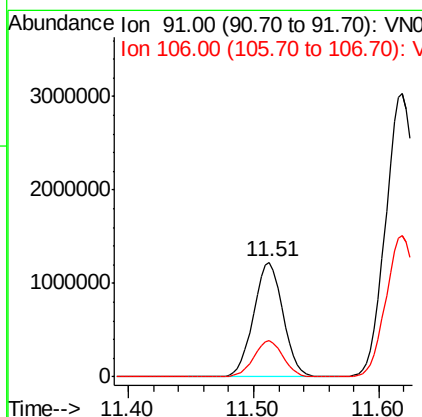
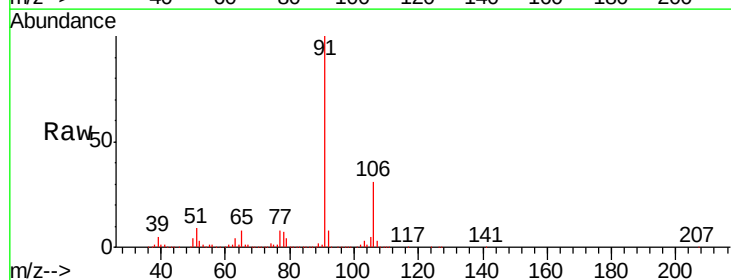
Manual Integrations
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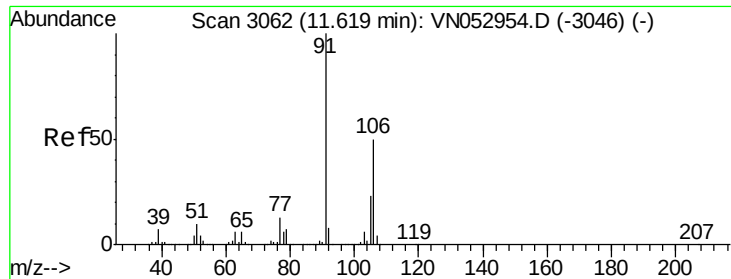
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12/22/2018 10:50:03 AM



#67
Ethyl Benzene
Concen: 28.115 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053118.D
Acq: 21 Dec 2018 22:30

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.9	37.3





#68

m/p-Xylenes

Concen: 102.904 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053118.D

Acq: 21 Dec 2018 22:30

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218-(24-26)ME

Tgt Ion:106 Resp: 2784020

Ion Ratio Lower Upper

106 100

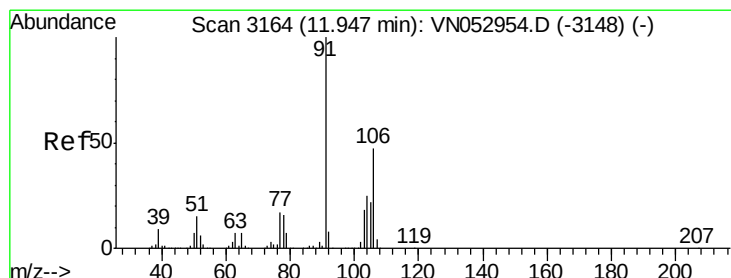
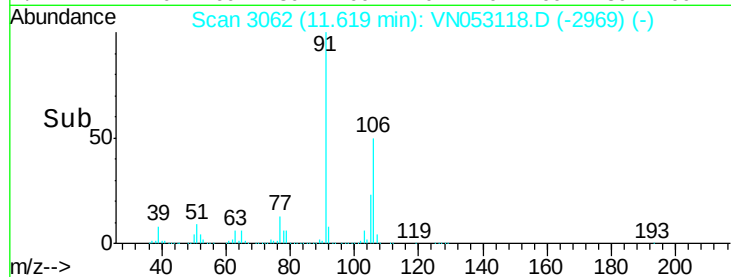
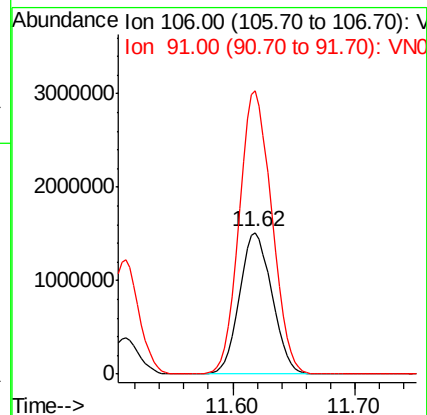
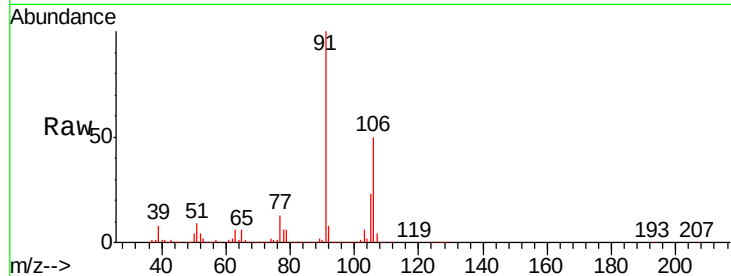
91 201.0 162.2 243.4

Manual Integrations

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12/22/2018 10:50:03 AM



#69

o-Xylene

Concen: 41.546 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN053118.D

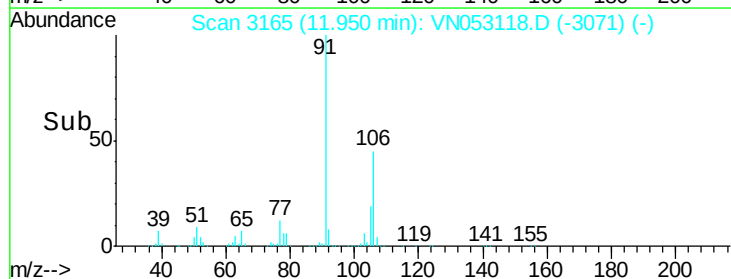
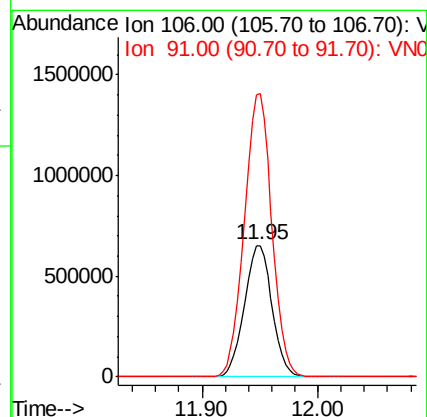
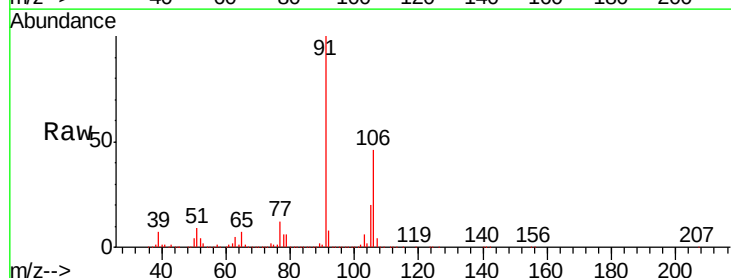
Acq: 21 Dec 2018 22:30

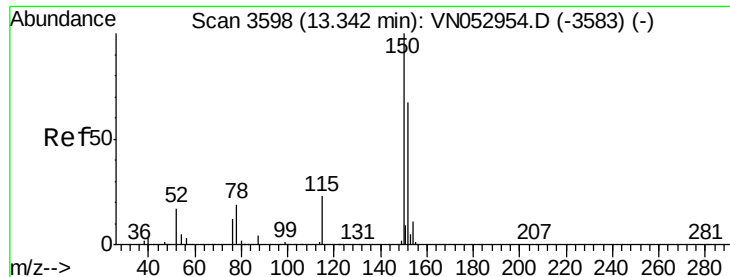
Tgt Ion:106 Resp: 1078583

Ion Ratio Lower Upper

106 100

91 214.5 106.6 319.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053118.D

Acq: 21 Dec 2018 22:30

Instrument :

MSVOA_N

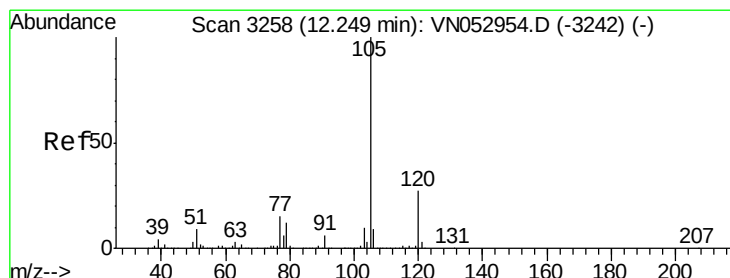
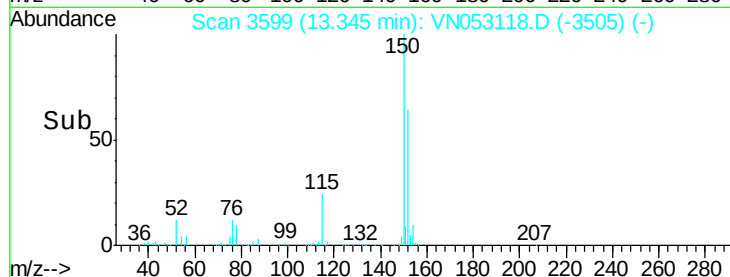
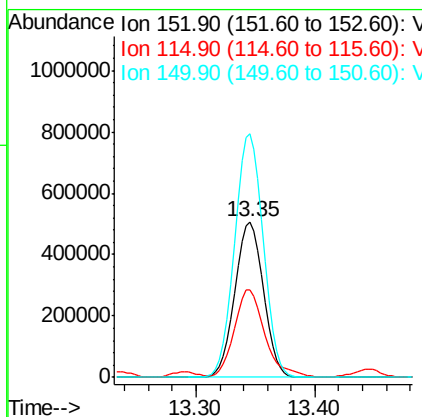
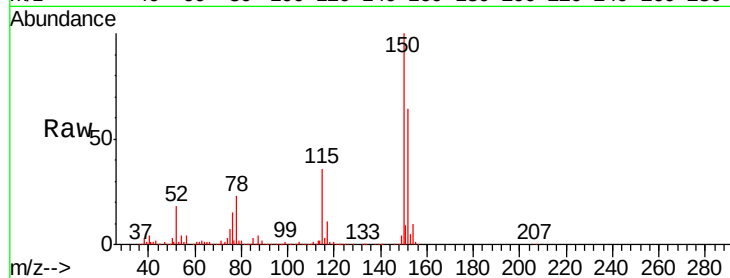
ClientSampleId :

KY001SB104-121218-(24-26)ME

Tgt Ion:	152	Resp:	843529
Ion Ratio	Lower	Upper	
152	100		
115	60.2	28.3	85.0
150	156.8	0.0	347.8

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#73

Isopropylbenzene

Concen: 7.085 ug/l

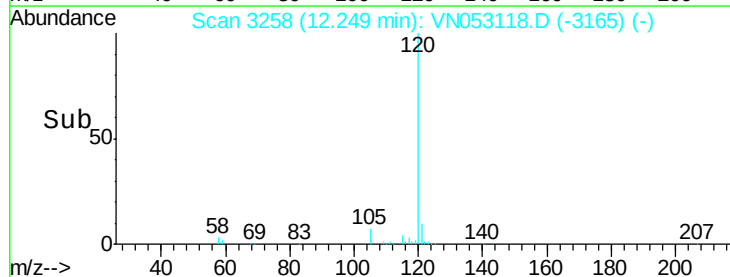
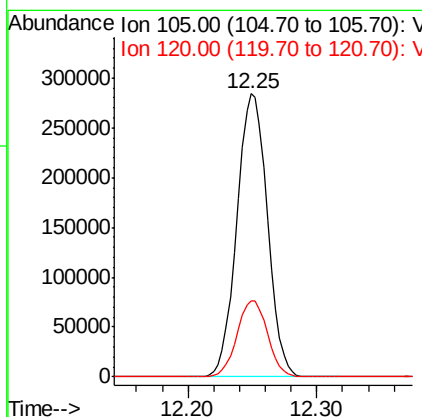
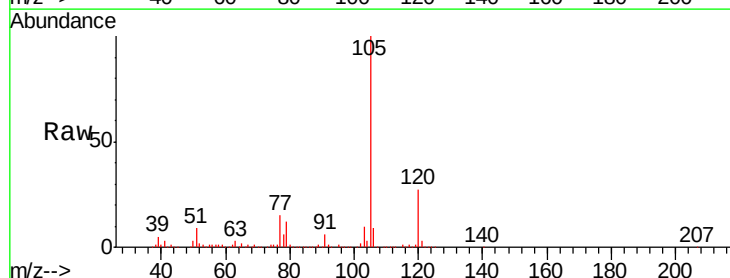
RT: 12.25 min Scan# 3258

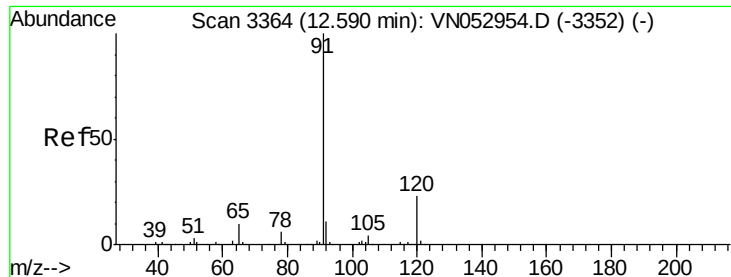
Delta R.T. -0.00 min

Lab File: VN053118.D

Acq: 21 Dec 2018 22:30

Tgt Ion:	105	Resp:	467606
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.3	39.9





#78

n-propylbenzene

Concen: 13.473 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053118.D

Acq: 21 Dec 2018 22:30

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218-(24-26)ME

Tgt Ion: 91 Resp: 1012735

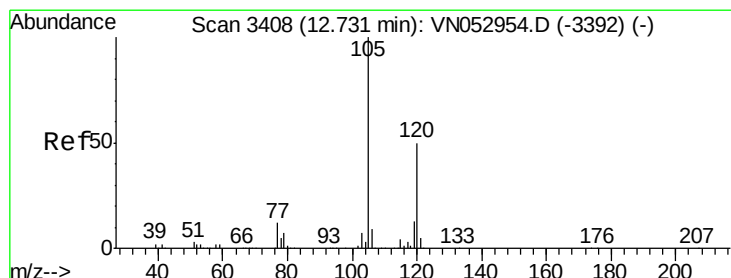
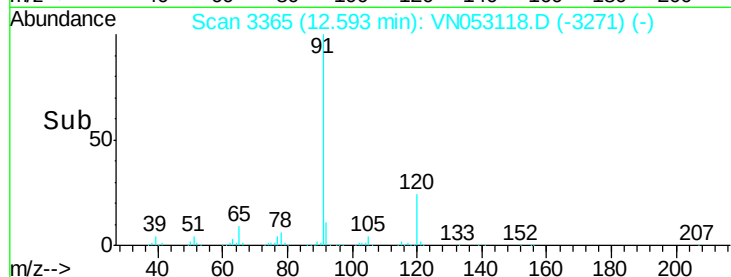
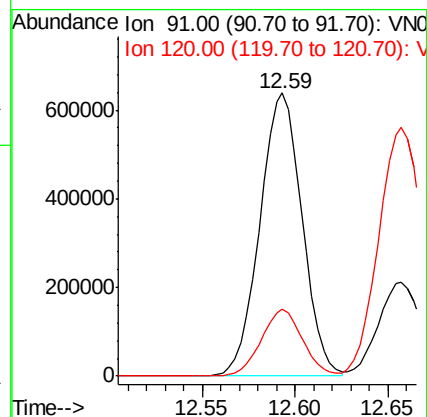
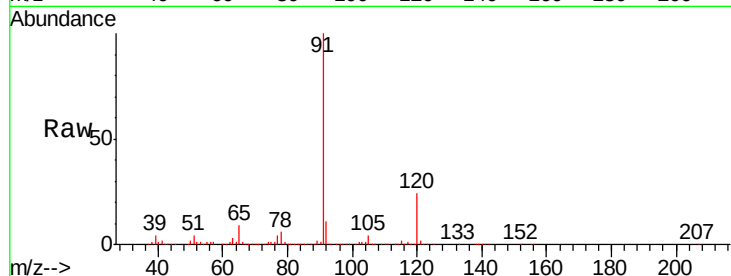
Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5

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#80

1,3,5-Trimethylbenzene

Concen: 21.850 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053118.D

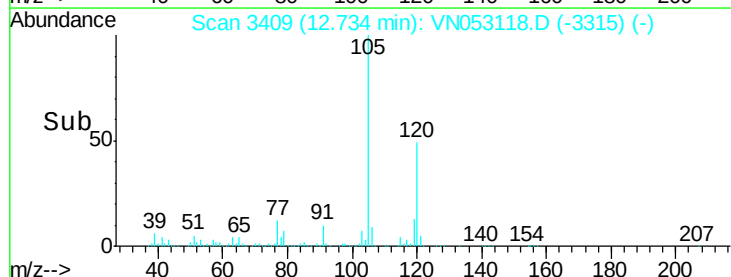
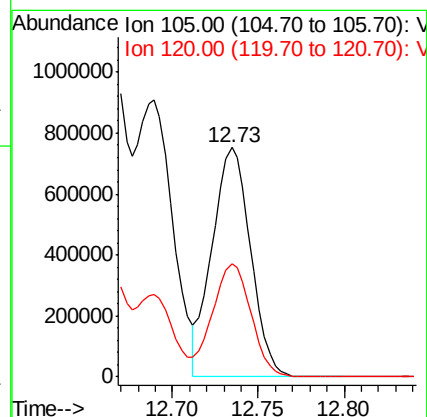
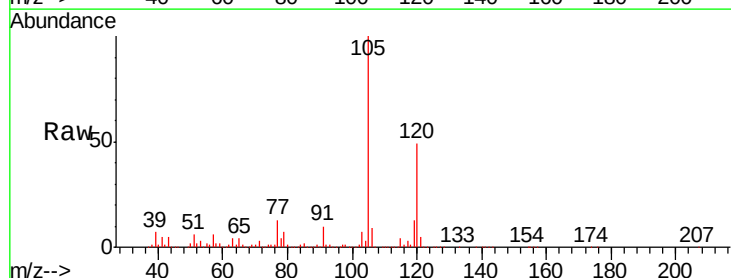
Acq: 21 Dec 2018 22:30

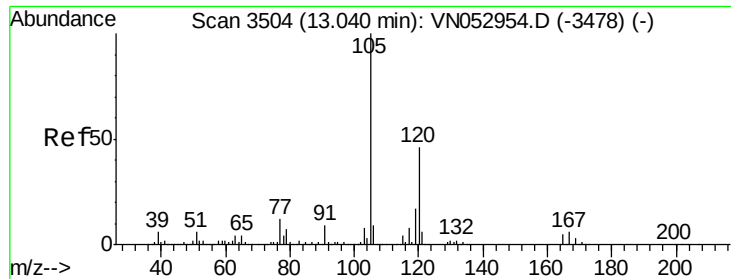
Tgt Ion: 105 Resp: 1175437

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.2





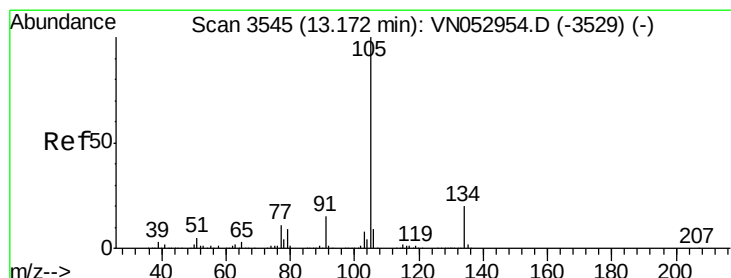
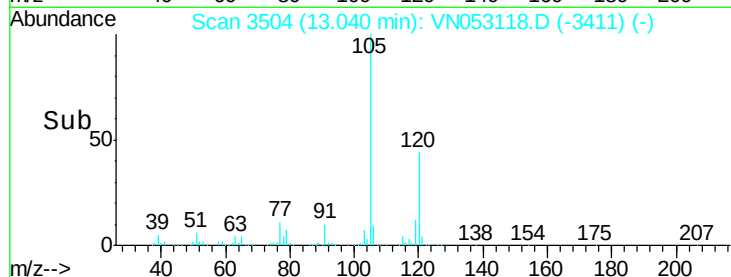
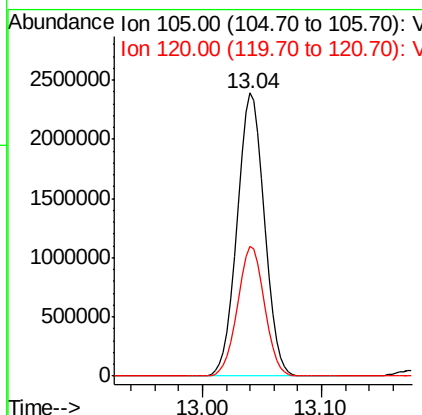
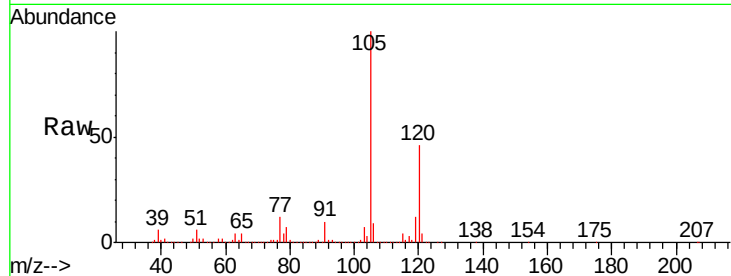
#84
 1,2,4-Trimethylbenzene
 Concen: 69.864 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053118.D
 Acq: 21 Dec 2018 22:30

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218-(24-26)ME

Tgt Ion:105 Resp: 3778182
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8

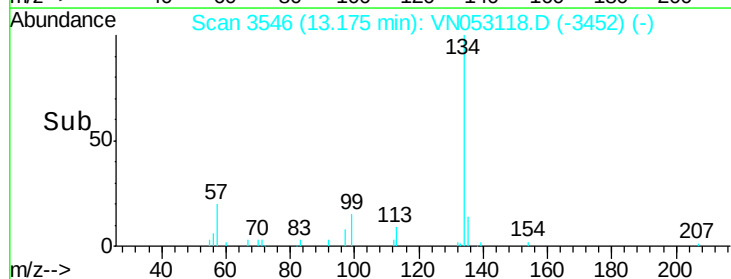
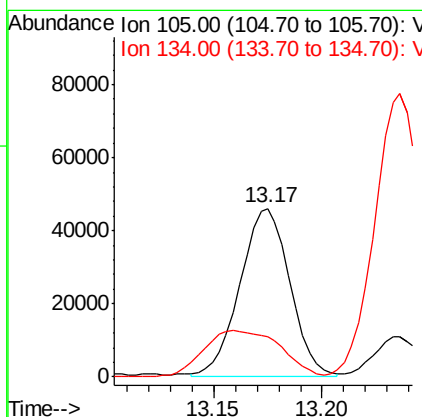
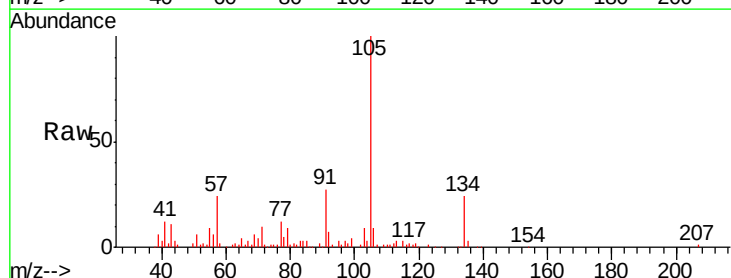
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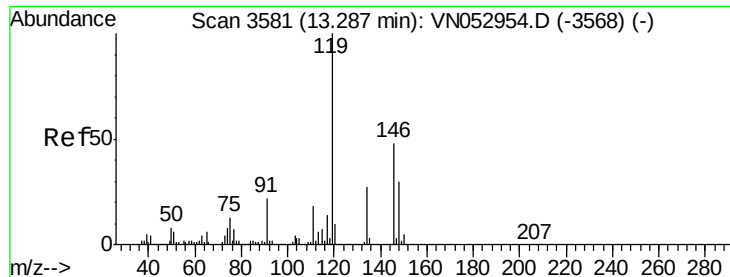
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#85
 sec-Butylbenzene
 Concen: 1.153 ug/l m
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053118.D
 Acq: 21 Dec 2018 22:30

Tgt Ion:105 Resp: 74226
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#





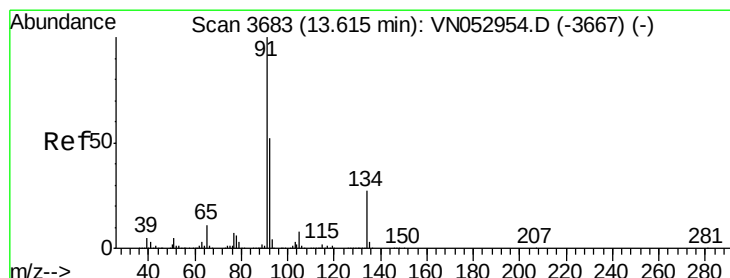
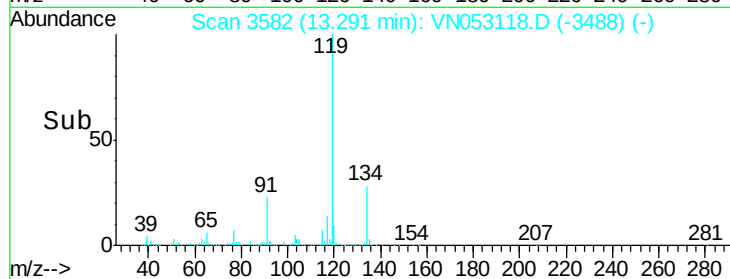
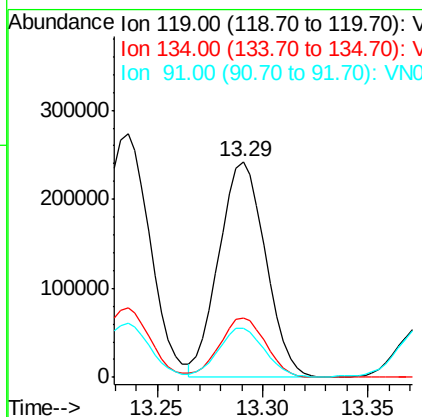
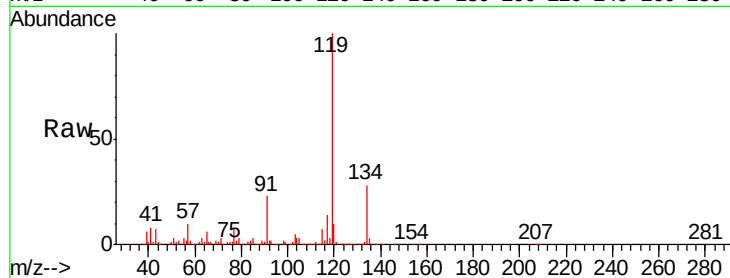
#86
p-Isopropyltoluene
Concen: 6.658 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053118.D
Acq: 21 Dec 2018 22:30

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(24-26)ME

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	21.9	11.1	33.3

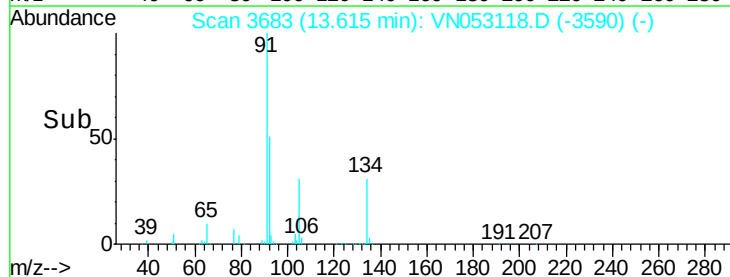
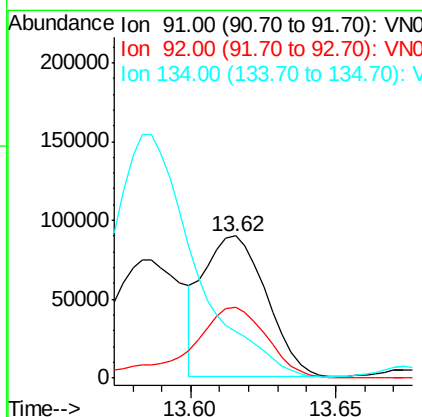
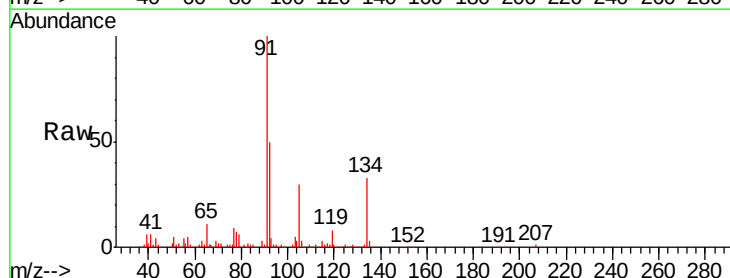
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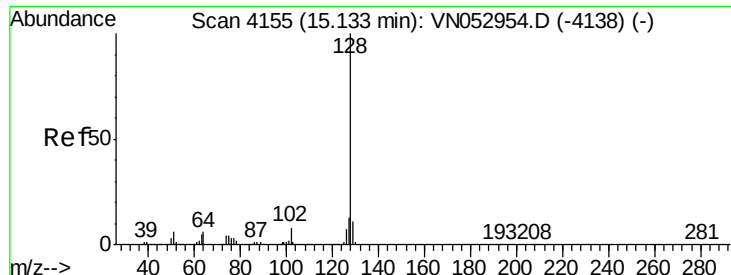
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#89
n-Butylbenzene
Concen: 2.798 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053118.D
Acq: 21 Dec 2018 22:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.5	26.3	78.9
134	0.0	13.3	39.8#





#95
Naphthalene
Concen: 11.295 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053118.D
Acq: 21 Dec 2018 22:30

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(24-26)ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.6	13.0

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