

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054678.D
 Acq On : 25 Mar 2019 17:38
 Operator : JC/SP
 Sample : K2071-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

Manual Integrations
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 3/26/2019 12:33:10 PM

Quant Time: Mar 26 03:41:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	558288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	893911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	762930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	361805	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	7.59	113	283540	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.09	98	1076494	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	348468	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	19228	9.210	ug/l	88
20) Methylene Chloride	4.55	84	25403	4.128	ug/l #	79
52) Toluene	10.16	92	189506	12.892	ug/l	98
67) Ethyl Benzene	11.51	91	344463	12.567	ug/l	98
68) m/p-Xylenes	11.62	106	461217	44.424	ug/l	94
69) o-Xylene	11.95	106	349725	34.492	ug/l	94
73) Isopropylbenzene	12.25	105	72046	2.779	ug/l	100
78) n-propylbenzene	12.59	91	187358	6.666	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	322926	15.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1405313	67.415	ug/l	97
85) sec-Butylbenzene	13.17	105	60924	2.643	ug/l	97
86) p-Isopropyltoluene	13.29	119	44707	2.168	ug/l	99
89) n-Butylbenzene	13.61	91	40027m	2.482	ug/l	
95) Naphthalene	15.13	128	211502	18.433	ug/l	98

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

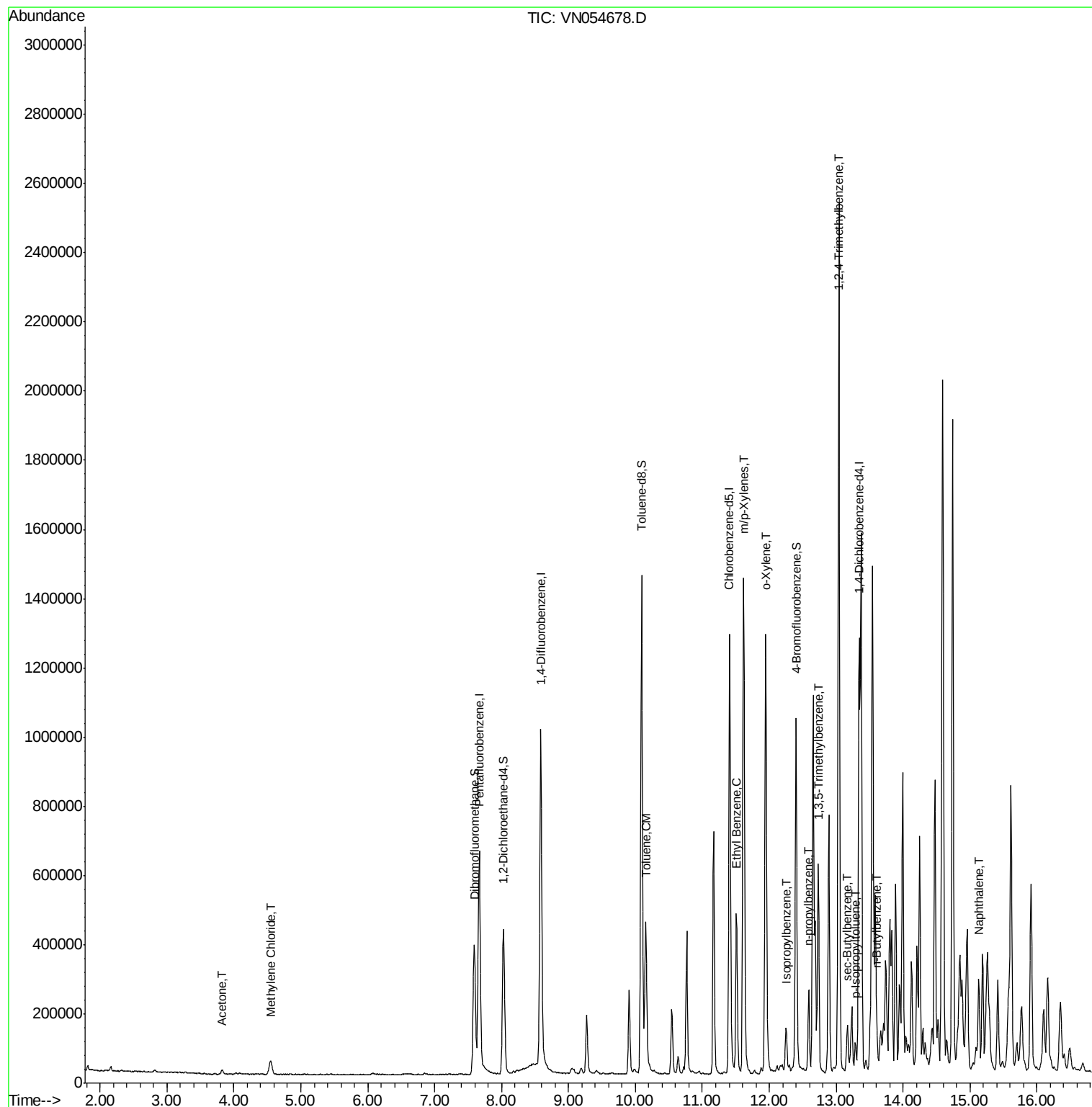
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032519\
Data File : VN054678.D
Acq On : 25 Mar 2019 17:38
Operator : JC/SP
Sample : K2071-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

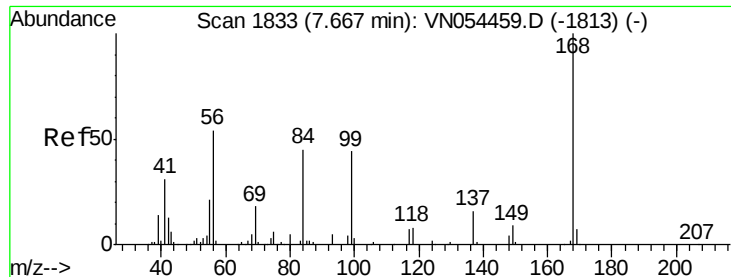
Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

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Quant Time: Mar 26 03:41:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
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: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

DRUM-2

Tot Ion:168 Resp: 558288

Ion Ratio Lower Upper

168 100

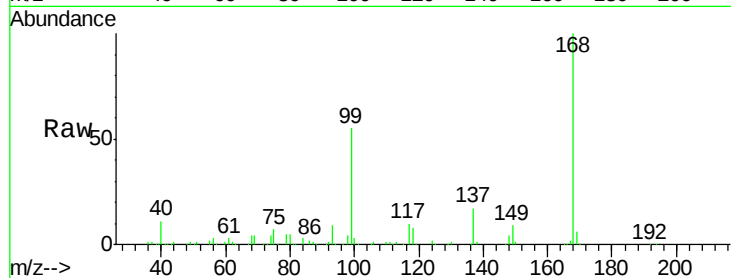
99 54.7 37.1 55.7

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

7.67

250000

200000

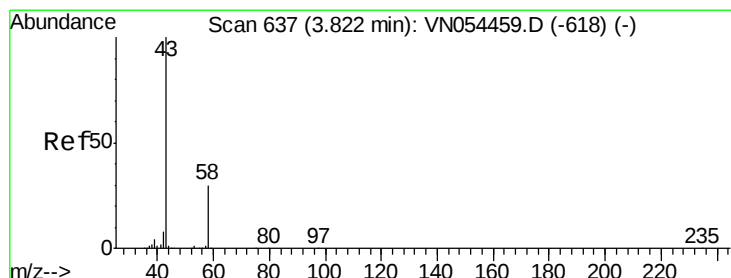
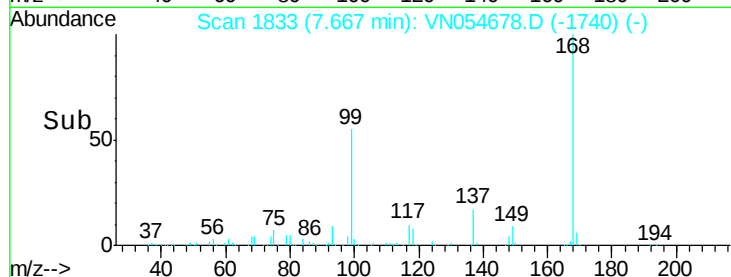
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.210 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054678.D

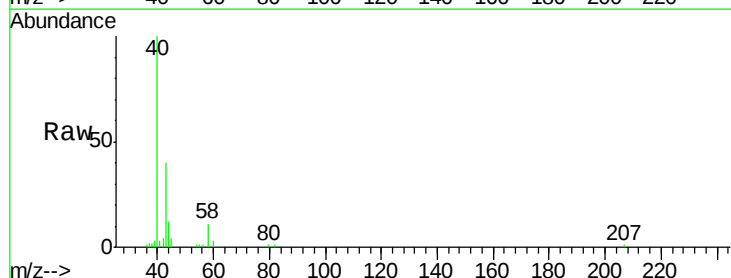
Acq: 25 Mar 2019 17:38

Tgt Ion: 43 Resp: 19228

Ion Ratio Lower Upper

43 100

58 30.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

8000

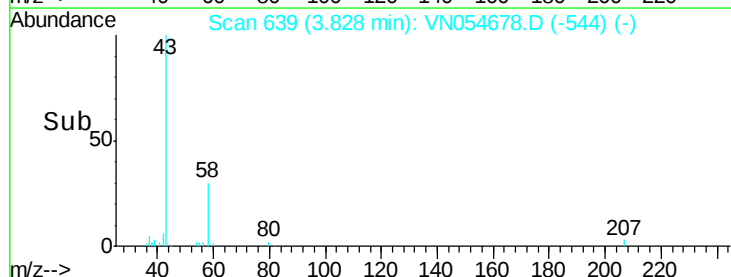
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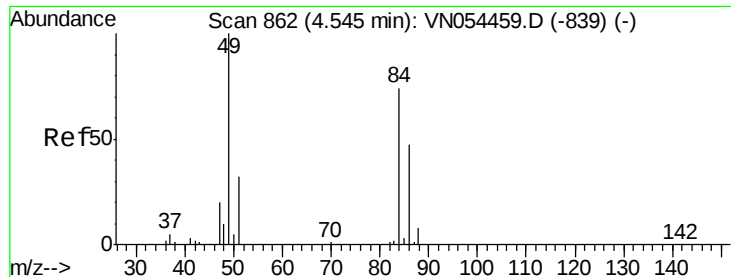
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2000

0

Time-->





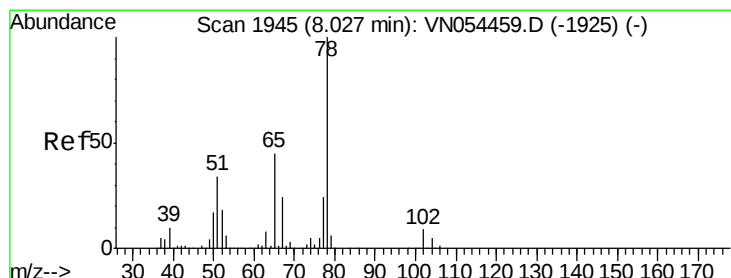
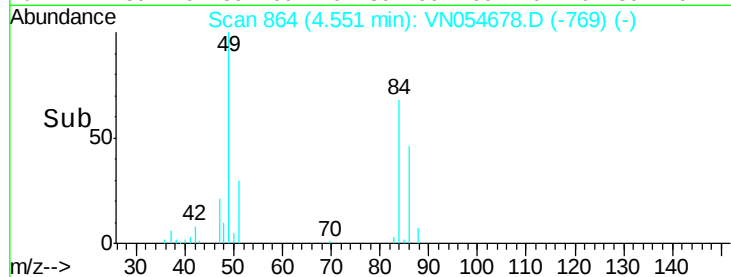
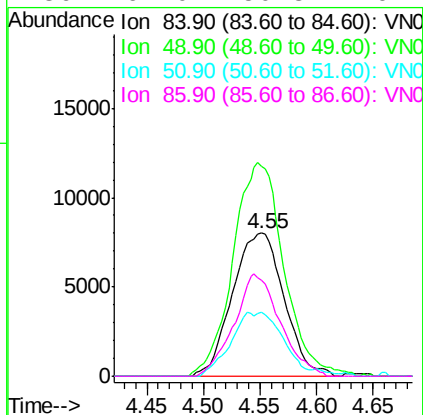
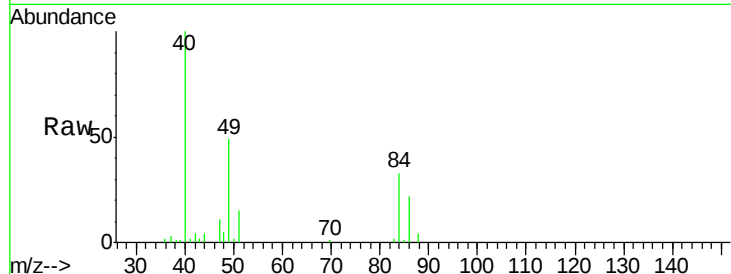
#20
Methvlene Chloride
Concen: 4.128 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

Tot Ion	Ratio	Lower	Upper
84	100		
49	146.8	89.7	134.5#
51	44.5	28.2	42.4#
86	67.0	50.8	76.2

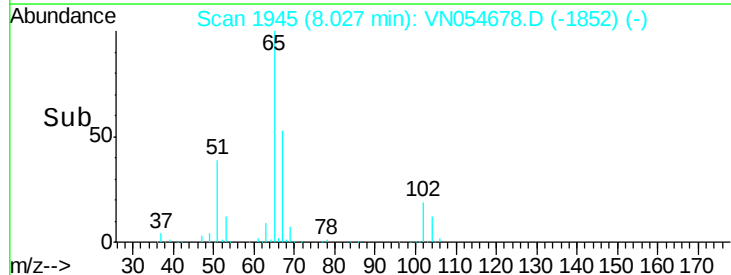
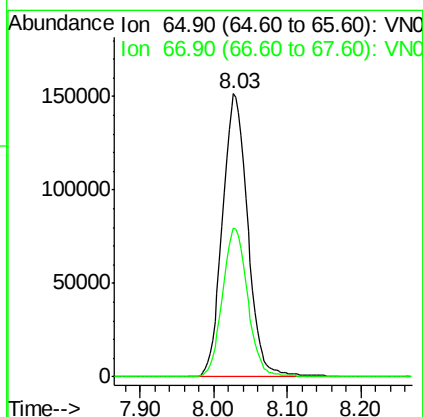
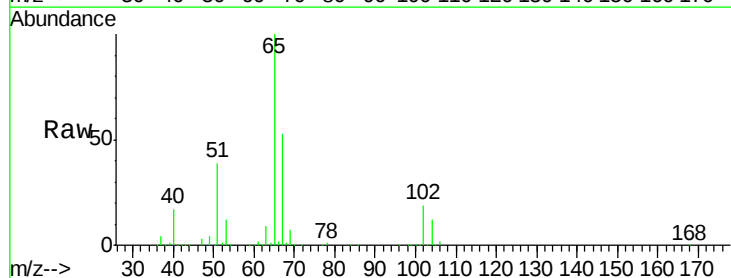
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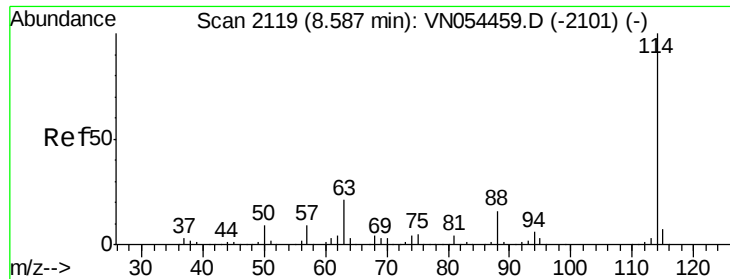
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#33
1,2-Dichloroethane-d4
Concen: 52.102 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

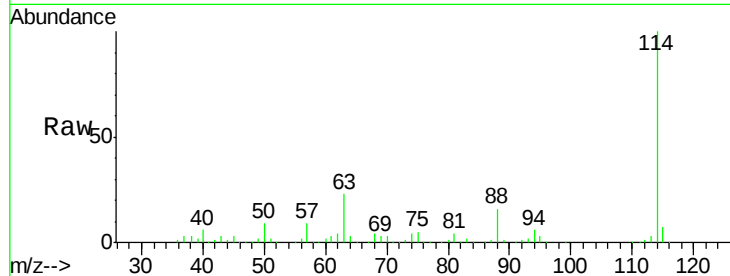
ClientSampled :

DRUM-2

Tot Ion:	114	Resp:	893911
Ion Ratio	Lower	Upper	
114	100		
63	23.1	0.0	35.2
88	15.7	0.0	30.2

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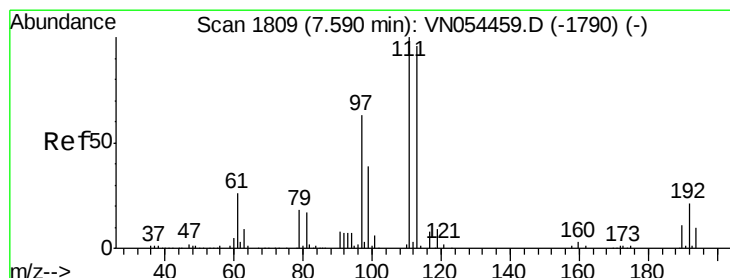
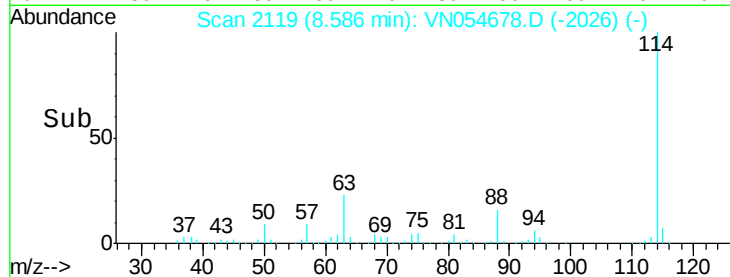
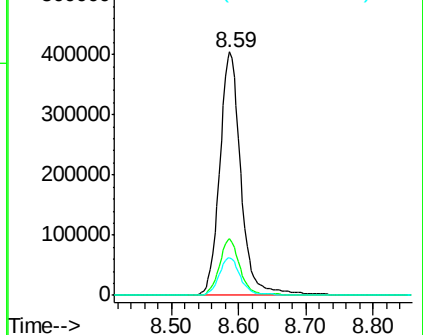
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VNO

Ion 87.90 (87.60 to 88.60): VNO



#35

Dibromofluoromethane

Concen: 49.234 ug/l

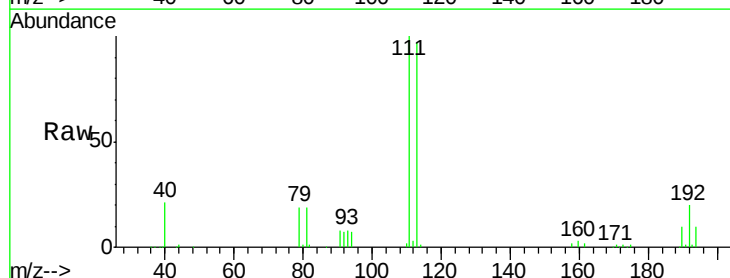
RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

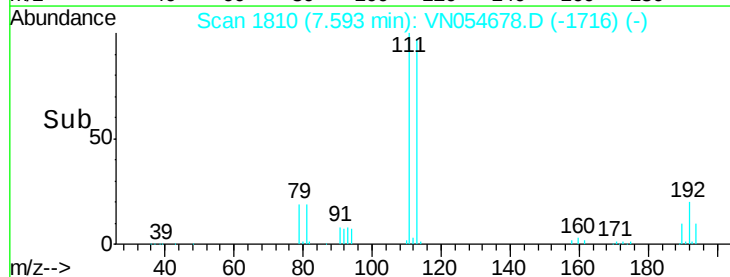
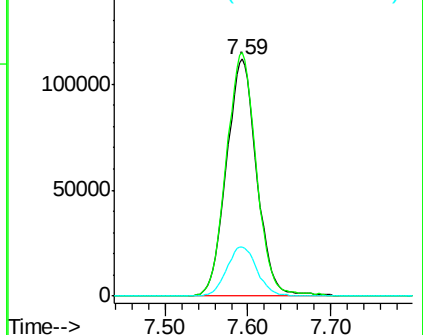
Tgt Ion:	113	Resp:	283540
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.2	123.4
192	20.9	19.2	28.8

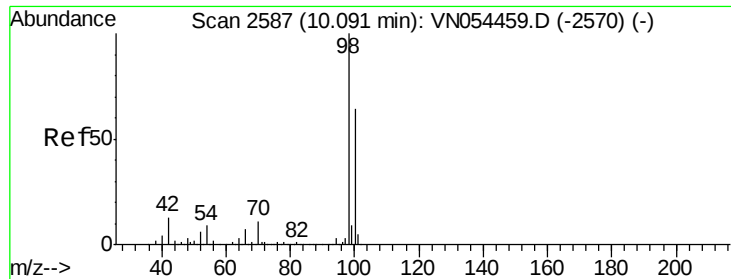


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





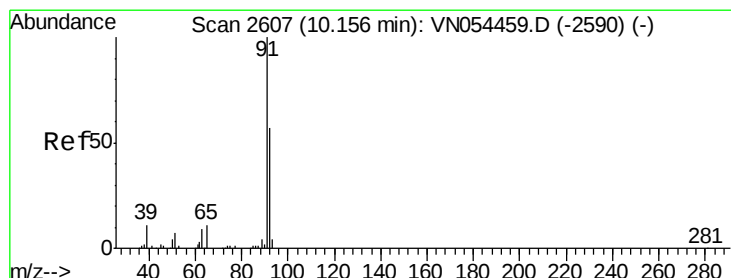
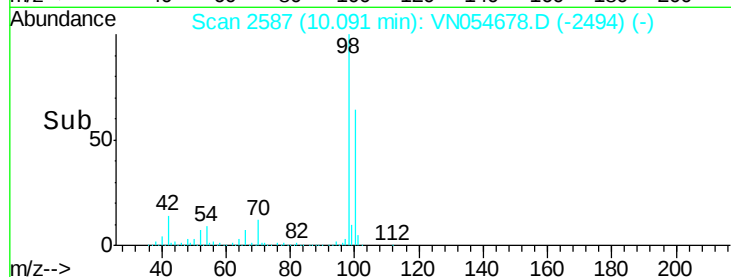
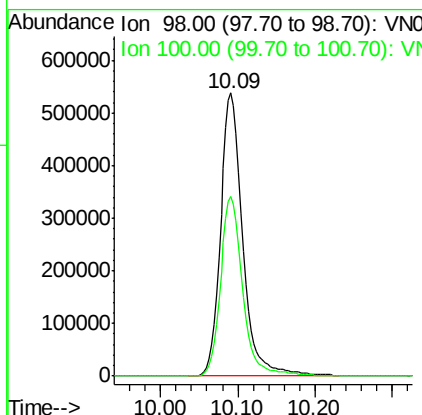
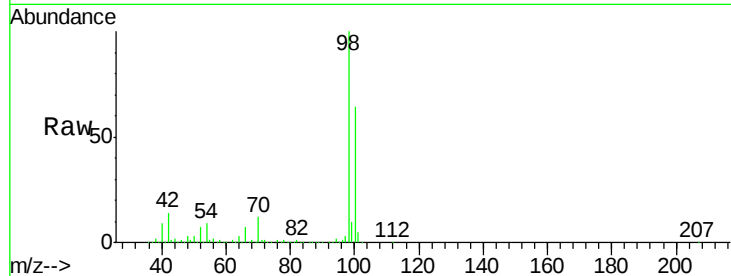
#50
Toluene-d8
Concen: 49.722 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

Tot Ion: 98 Resp: 1076494
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8

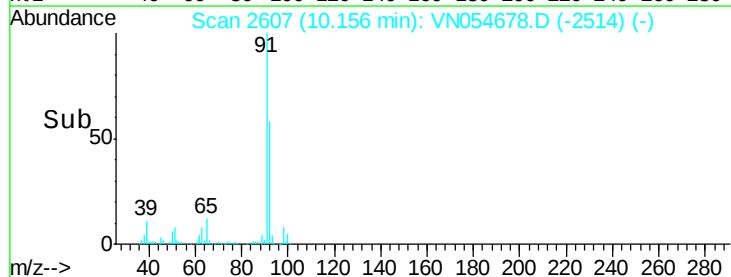
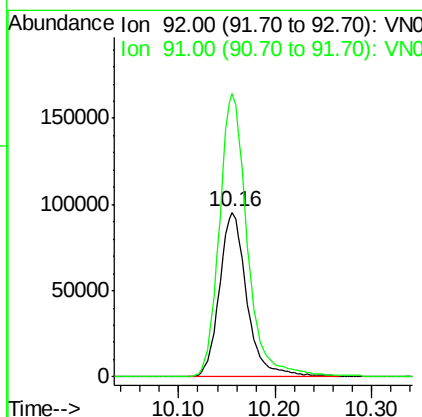
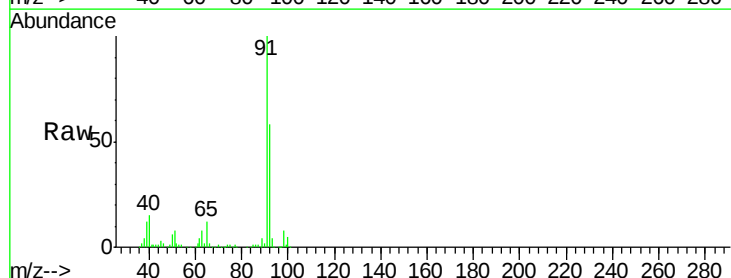
Manual Integrations
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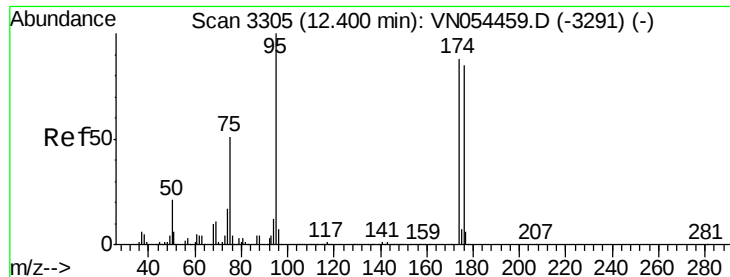
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#52
Toluene
Concen: 12.892 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion: 92 Resp: 189506
Ion Ratio Lower Upper
92 100
91 173.7 140.7 211.1





#62

4-Bromofluorobenzene

Concen: 47.300 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

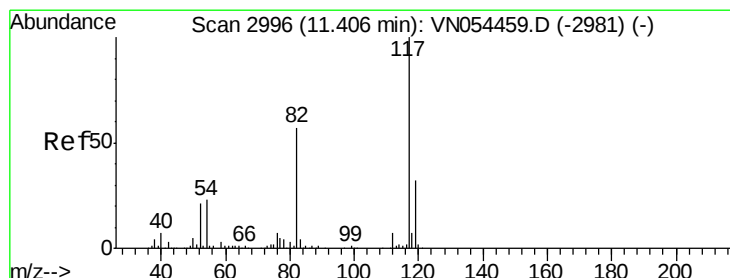
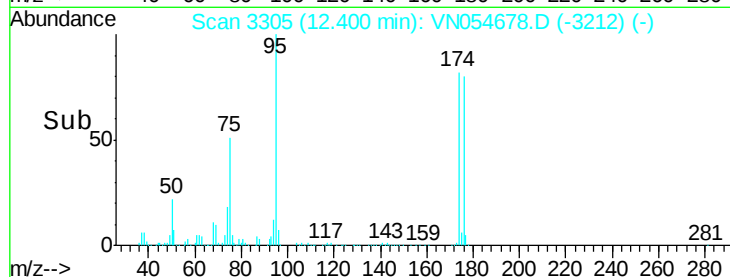
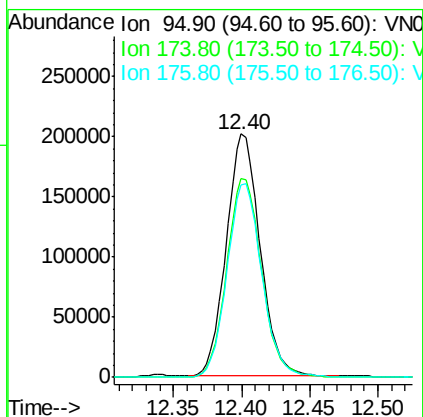
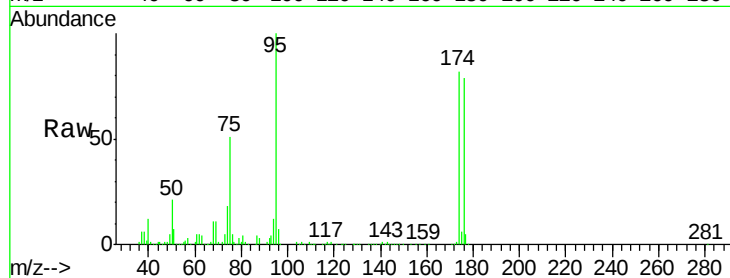
ClientSampled :

DRUM-2

Tot Ion:	95	Resp:	348468
Ion Ratio	Lower	Upper	
95	100		
174	84.5	0.0	191.0
176	82.0	0.0	187.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

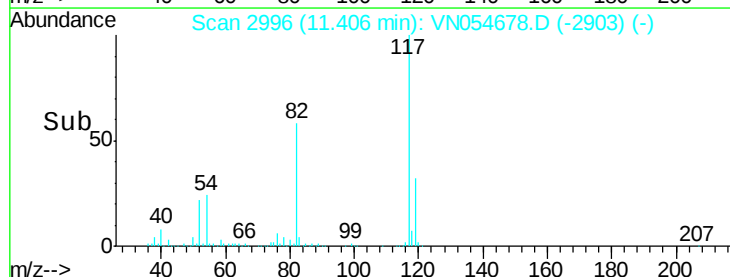
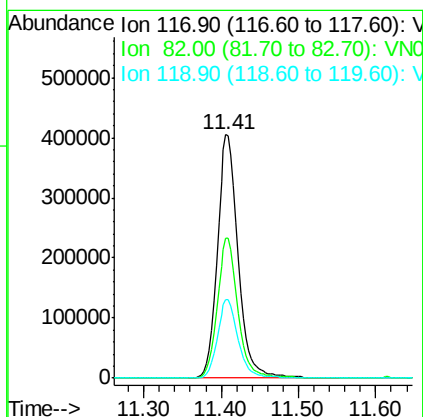
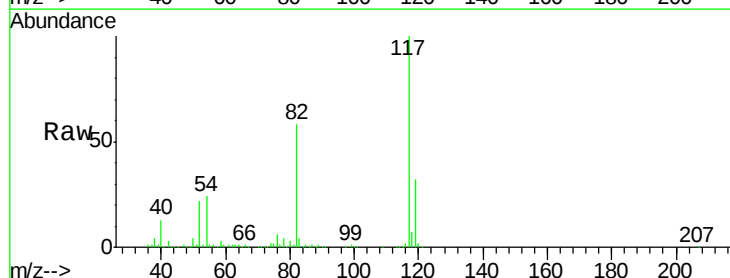
RT: 11.41 min Scan# 2996

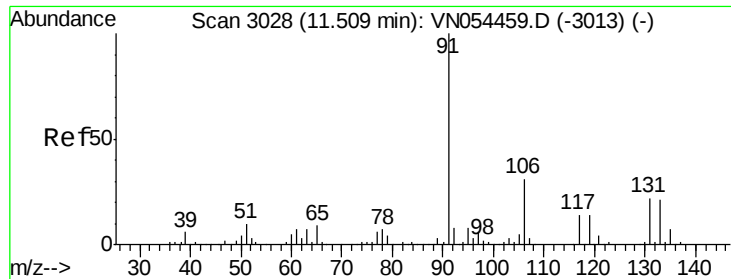
Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Tgt Ion:	117	Resp:	762930
Ion Ratio	Lower	Upper	
117	100		
82	57.5	40.0	60.0
119	32.4	25.8	38.6





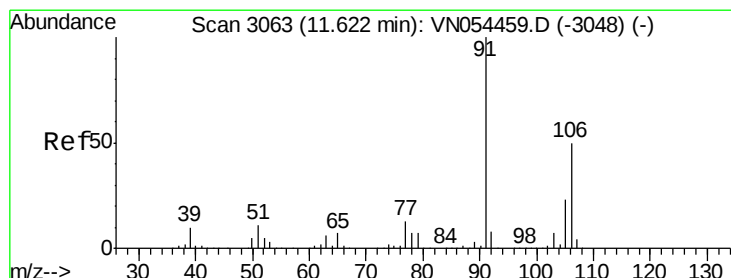
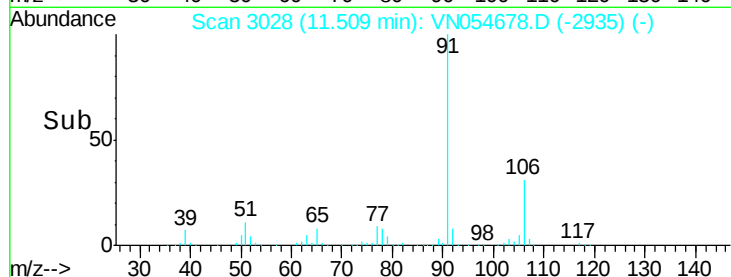
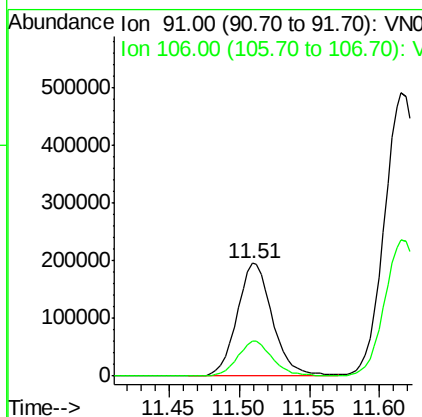
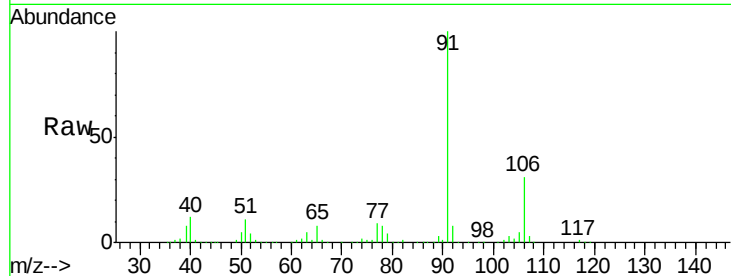
#67
Ethyl Benzene
Concen: 12.567 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Instrument :
MSVOA_N
ClientSampled :
DRUM-2

Tot Ion: 91 Resp: 344463
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3

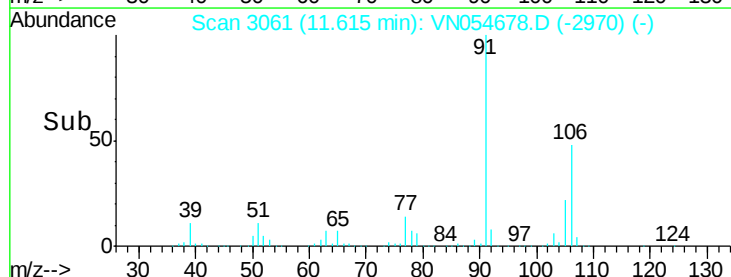
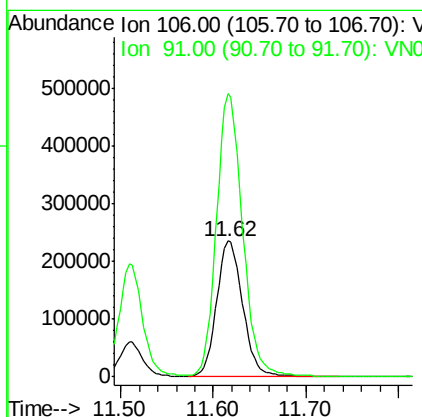
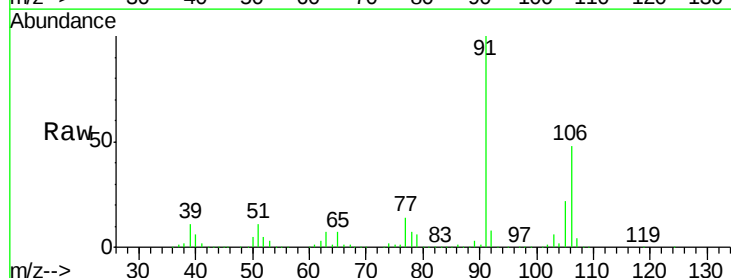
Manual Integrations
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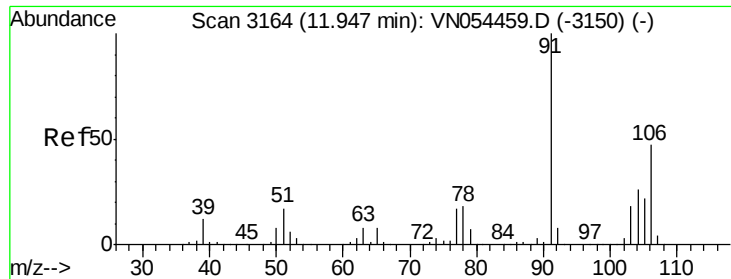
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#68
m/p-Xylenes
Concen: 44.424 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion: 106 Resp: 461217
Ion Ratio Lower Upper
106 100
91 207.9 159.4 239.2





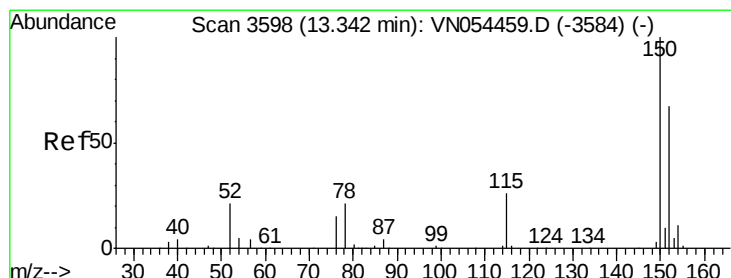
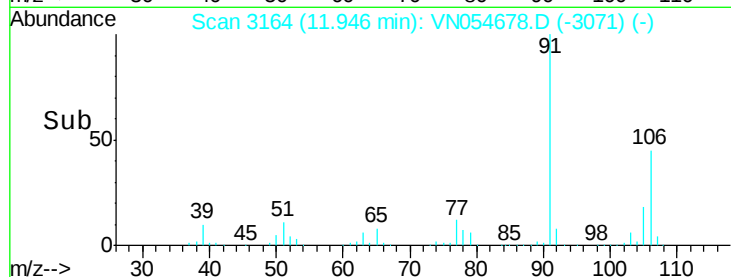
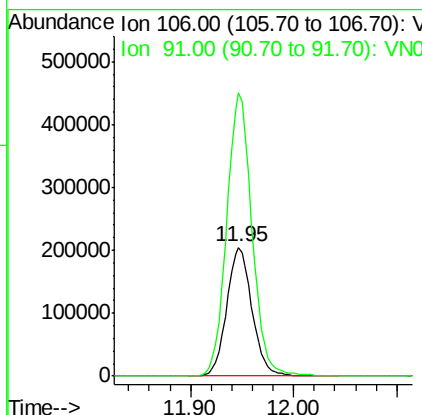
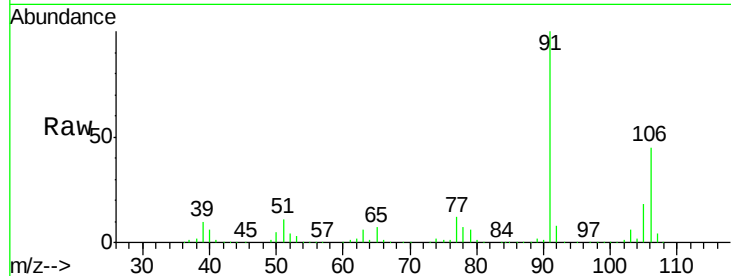
#69
o-Xylene
Concen: 34.492 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Instrument :
MSVOA_N
ClientSampled :
DRUM-2

Tot Ion:106 Resp: 349725
Ion Ratio Lower Upper
106 100
91 220.2 105.7 317.1

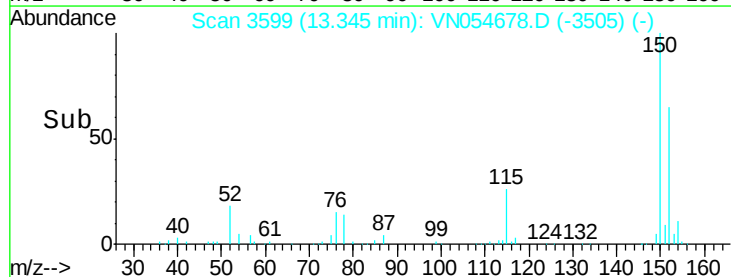
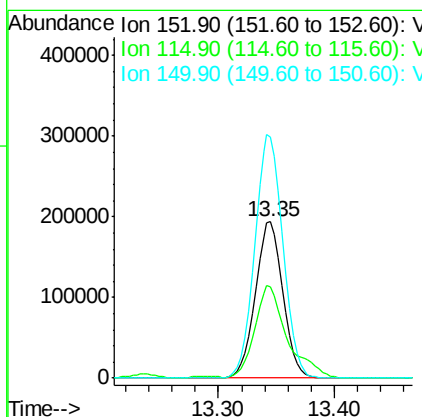
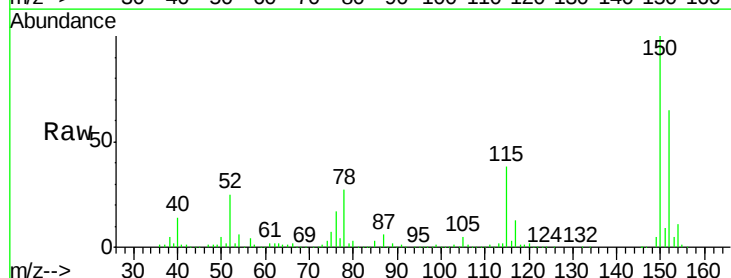
Manual Integrations
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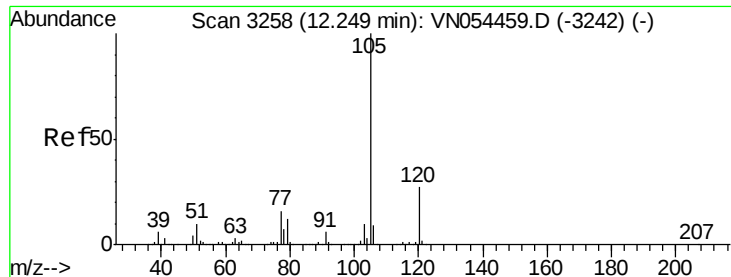
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion:152 Resp: 321673
Ion Ratio Lower Upper
152 100
115 69.0 27.2 81.6
150 158.5 0.0 349.2





#73

Isopropylbenzene

Concen: 2.779 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

Tot Ion: 105 Resp: 72046

Ion Ratio Lower Upper

105 100

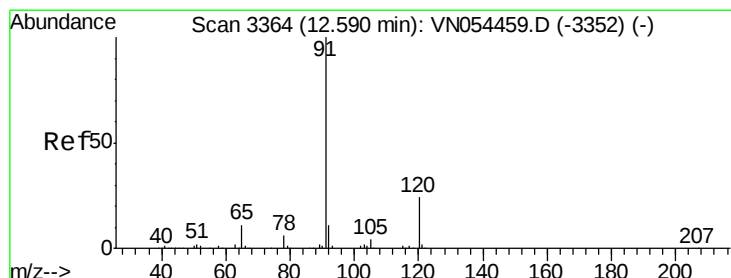
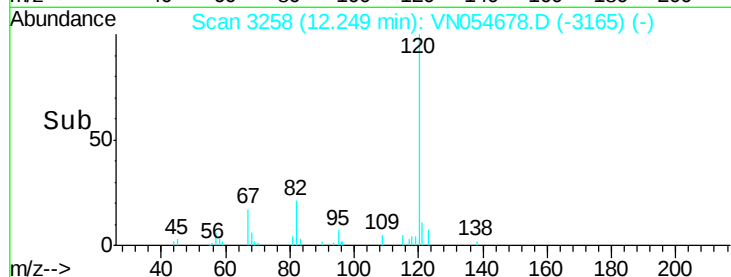
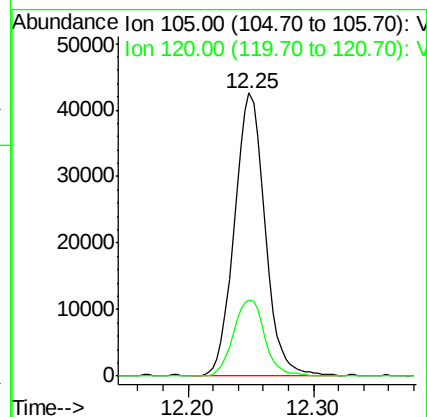
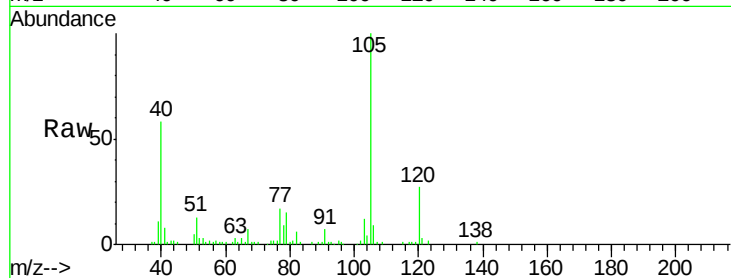
120 27.6 13.8 41.3

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#78

n-propylbenzene

Concen: 6.666 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054678.D

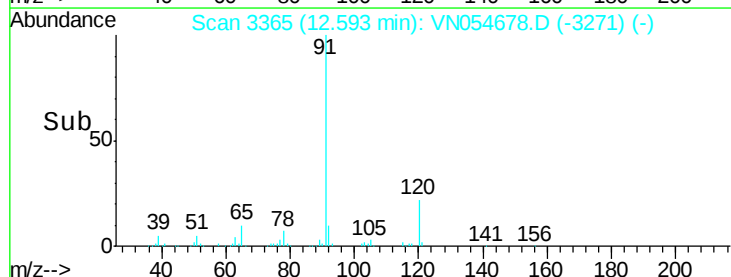
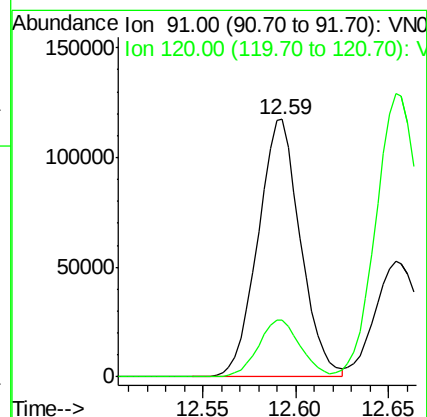
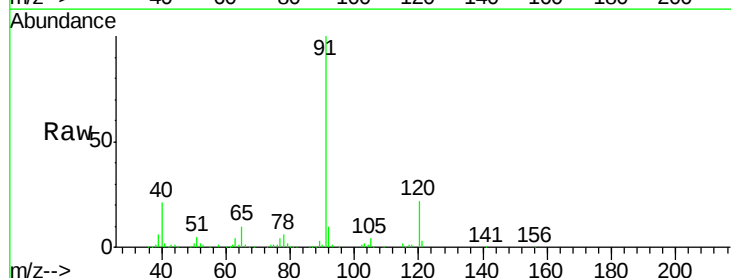
Acq: 25 Mar 2019 17:38

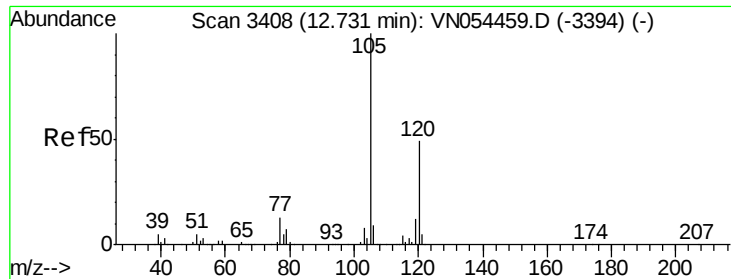
Tgt Ion: 91 Resp: 187358

Ion Ratio Lower Upper

91 100

120 22.1 12.3 36.9





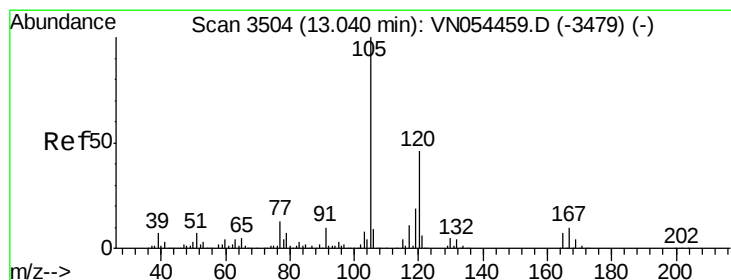
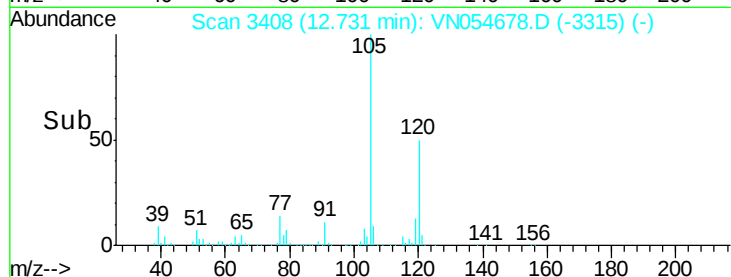
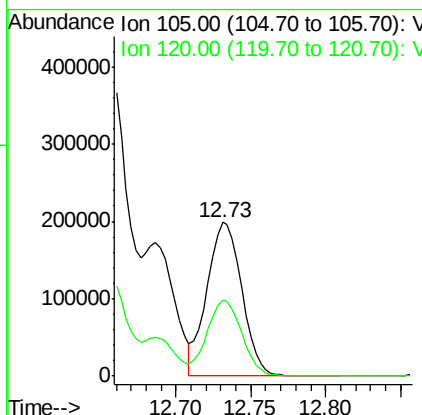
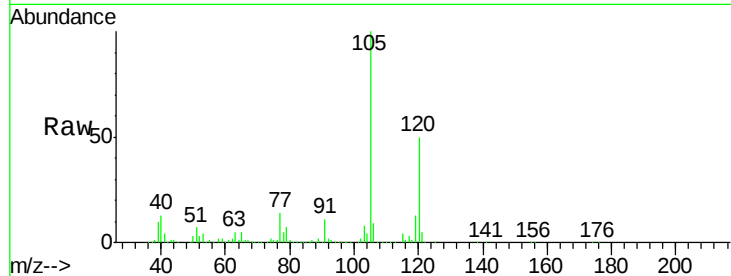
#80
 1,3,5-Trimethylbenzene
 Concen: 15.200 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN054678.D
 Acq: 25 Mar 2019 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

Tot Ion:105 Resp: 322926
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.0 75.0

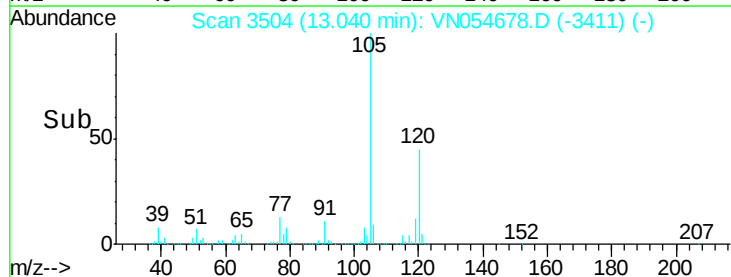
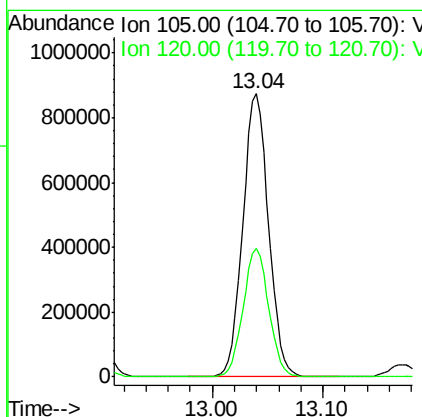
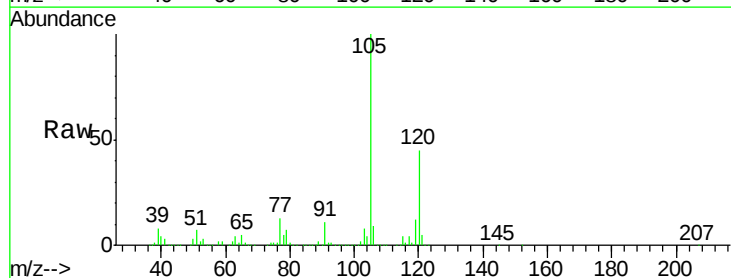
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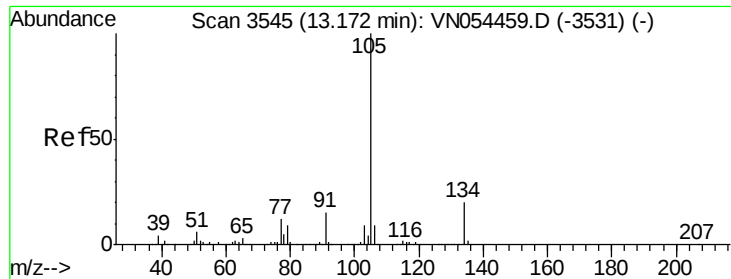
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#84
 1,2,4-Trimethylbenzene
 Concen: 67.415 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054678.D
 Acq: 25 Mar 2019 17:38

Tgt Ion:105 Resp: 1405313
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 2.643 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

Tot Ion:105 Resp: 60924

Ion Ratio Lower Upper

105 100

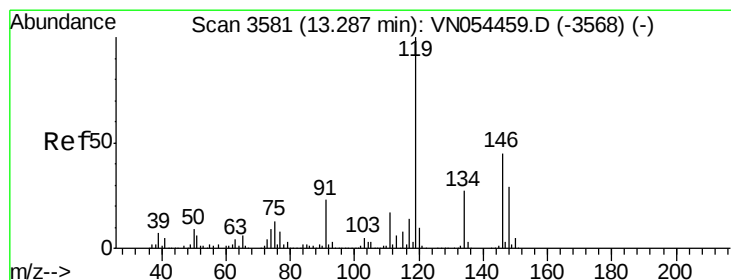
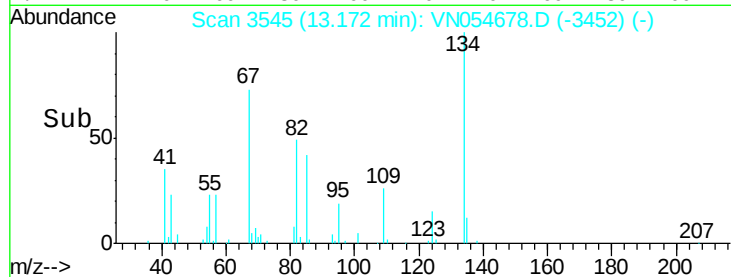
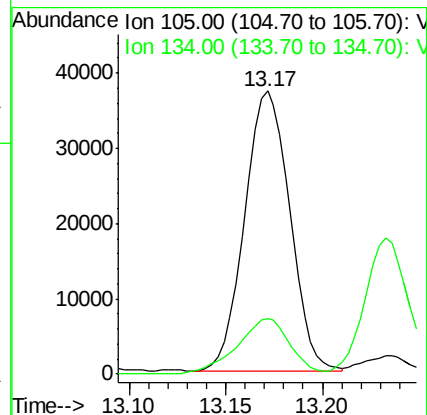
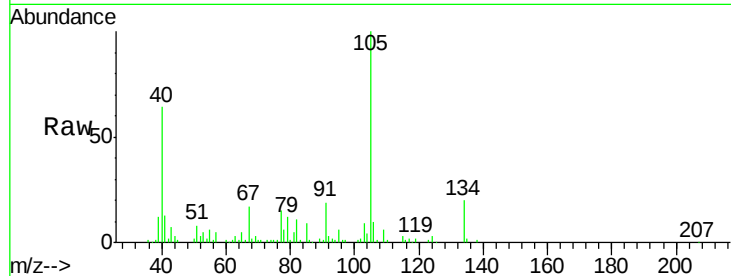
134 23.0 10.7 32.1

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#86

p-Isopropyltoluene

Concen: 2.168 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

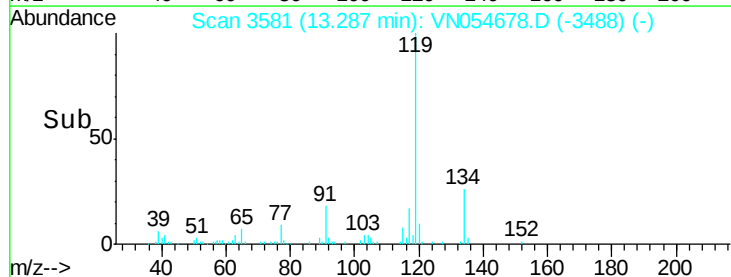
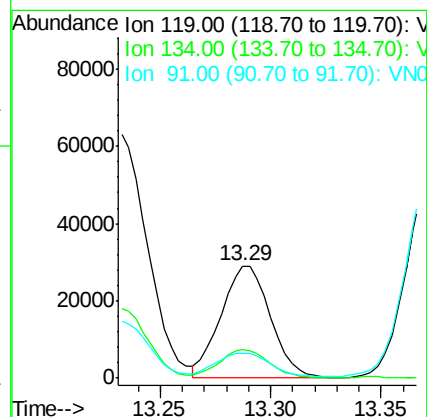
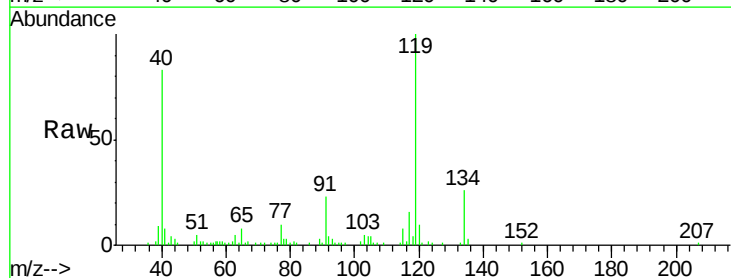
Tgt Ion:119 Resp: 44707

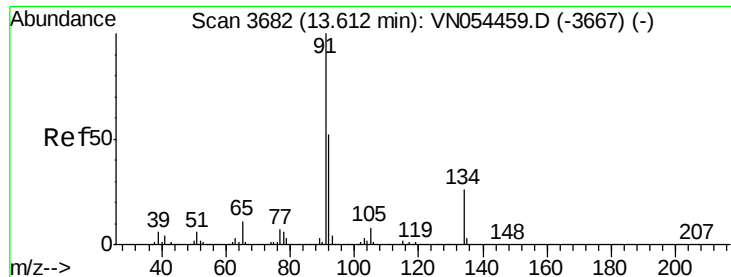
Ion Ratio Lower Upper

119 100

134 26.3 13.6 40.8

91 22.6 11.1 33.3





#89

n-Butylbenzene

Concen: 2.482 ug/l m

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

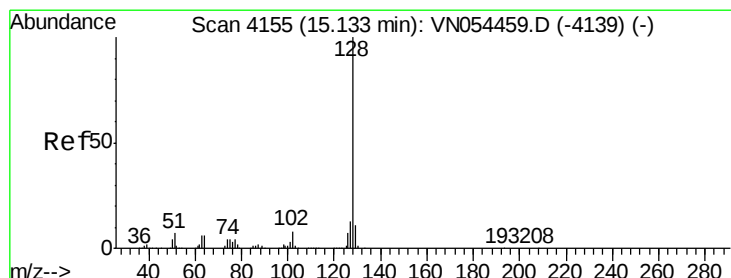
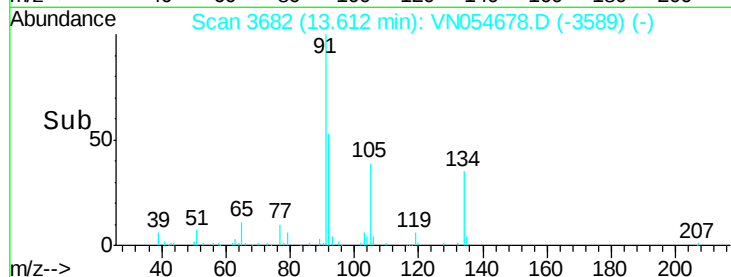
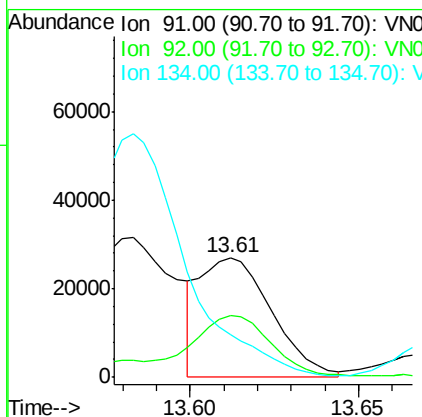
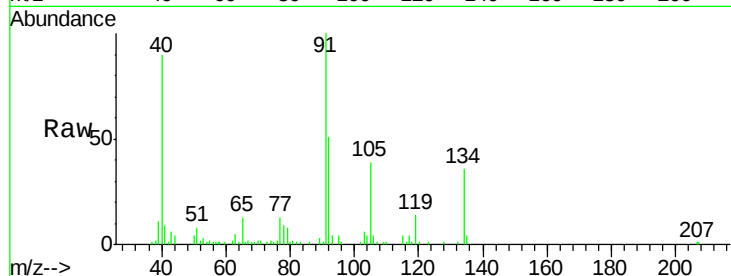
ClientSampled :

DRUM-2

Tot Ion:	91	Resp:	40027
Ion Ratio	Lower	Upper	
91	100		
92	0.0	26.2	78.6#
134	260.1	14.3	42.9#

Manual Integrations
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#95

Naphthalene

Concen: 18.433 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Tgt Ion:	128	Resp:	211502
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.1	15.1
129	10.8	8.7	13.1

