

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049298.D
 Acq On : 16 Jun 2018 9:00
 Operator : MD\SY
 Sample : J3464-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-39-COMP

Manual Integrations
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MMDadoda
 6/18/2018 3:16:19 PM

Quant Time: Jun 18 02:02:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1284811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2044242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1516546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	438250	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	842620	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.90%		
35) Dibromofluoromethane	7.59	113	759853	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.88%		
50) Toluene-d8	10.09	98	2713835	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.18%		
62) 4-Bromofluorobenzene	12.40	95	619698	29.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	59.52%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	47154	11.40	ug/l	# 88
18) Methyl Acetate	4.33	43	118256	9.37	ug/l	94
20) Methylene Chloride	4.55	84	584143	33.80	ug/l	90
73) Isopropylbenzene	12.25	105	65460	1.70	ug/l	97
78) n-propylbenzene	12.59	91	152719	3.61	ug/l	98
85) sec-Butylbenzene	13.17	105	72634	2.04	ug/l	88
89) n-Butylbenzene	13.62	91	29192m	1.25	ug/l	
95) Naphthalene	15.14	128	52386	6.34	ug/l	97

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

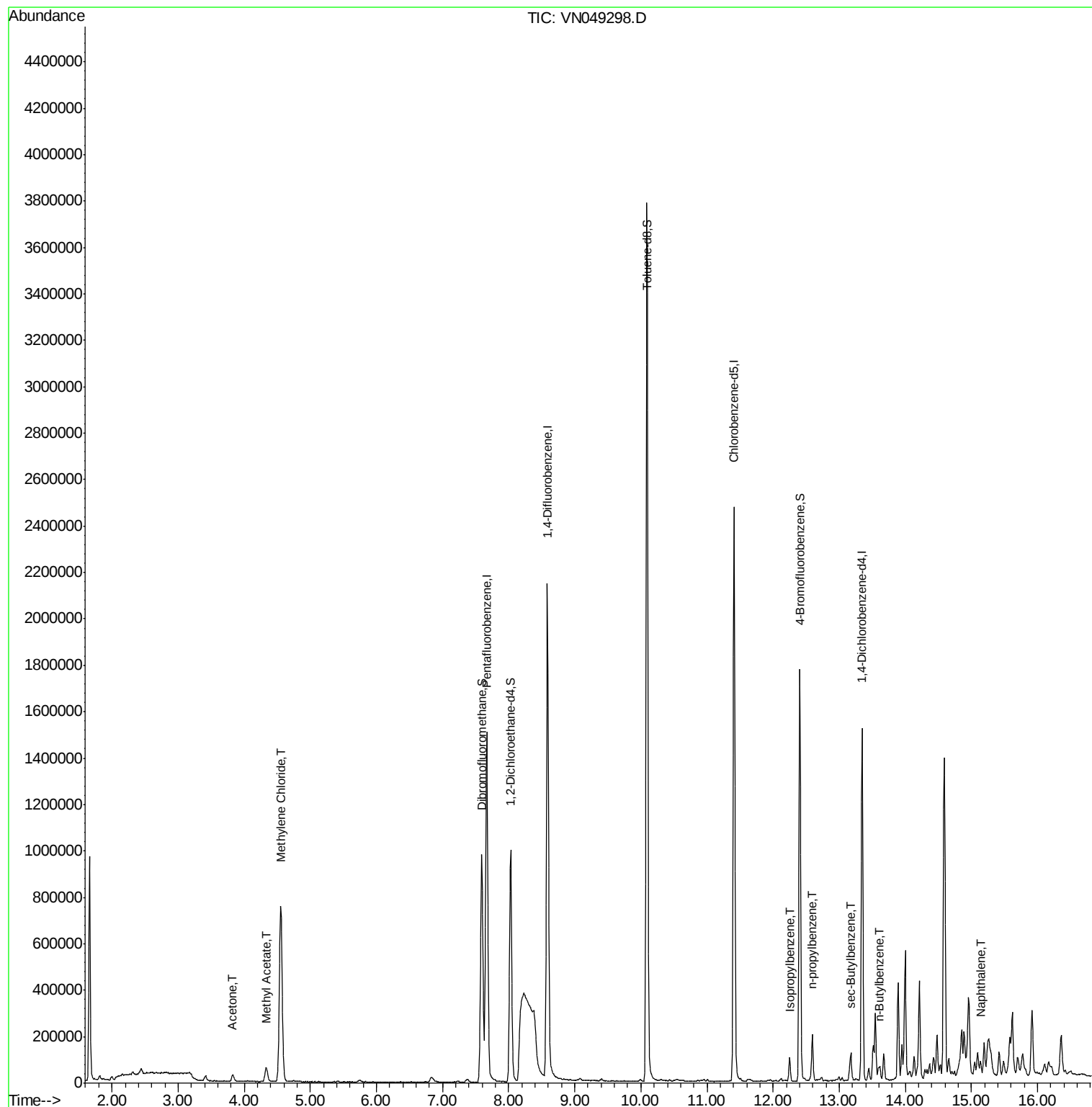
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049298.D
Acq On : 16 Jun 2018 9:00
Operator : MD\SY
Sample : J3464-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

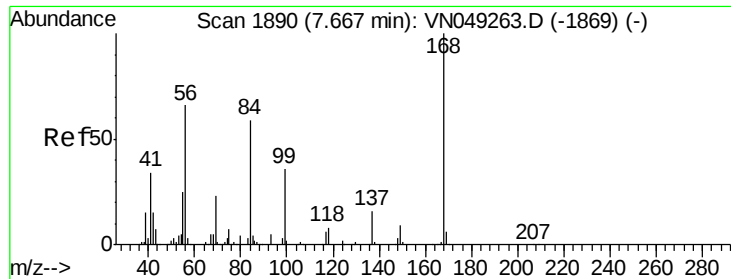
Instrument :
MSVOA_N
ClientSampleId :
SB-39-COMP

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Quant Time: Jun 18 02:02:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

ClientSampleId :

SB-39-COMP

Tot Ion:168 Resp: 1284811

Ion Ratio Lower Upper

168 100

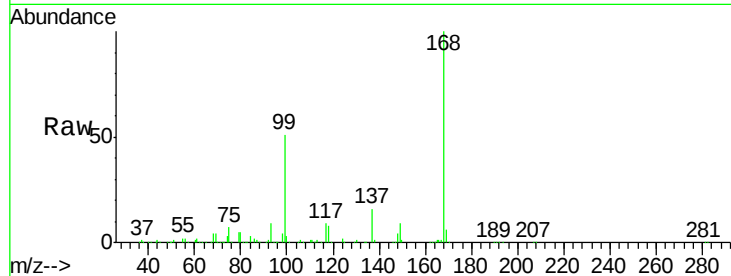
99 51.4 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

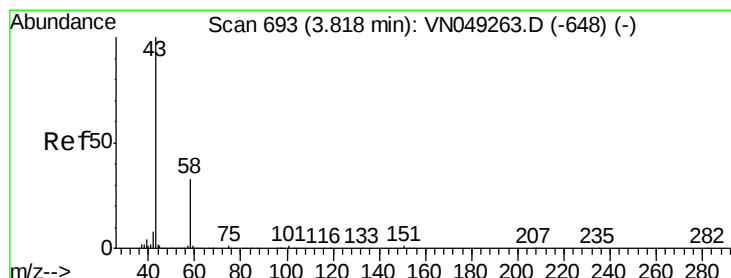
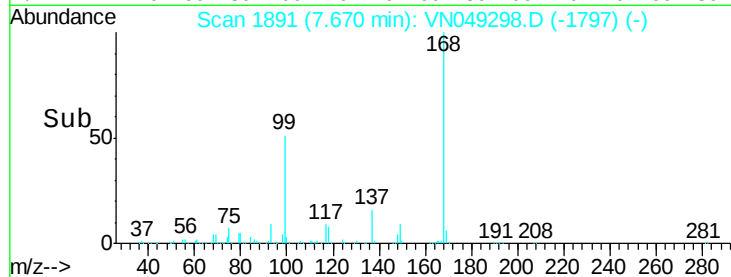
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.40 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049298.D

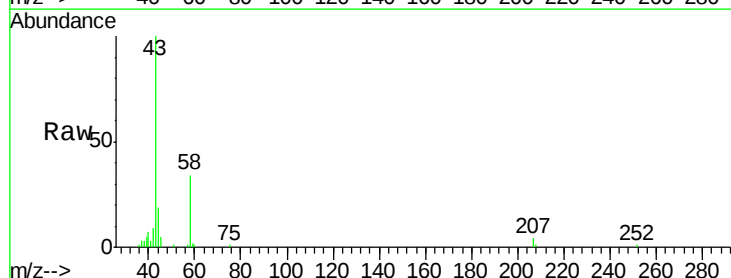
Acq: 16 Jun 2018 9:00

Tgt Ion: 43 Resp: 47154

Ion Ratio Lower Upper

43 100

58 34.3 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

20000

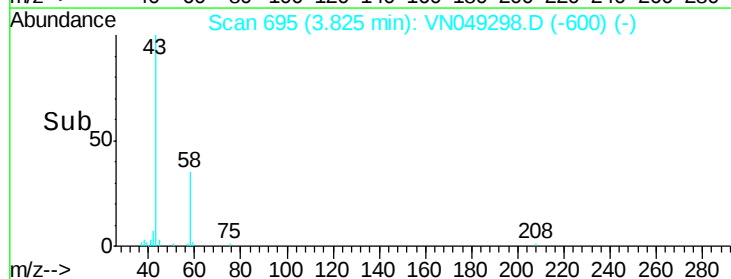
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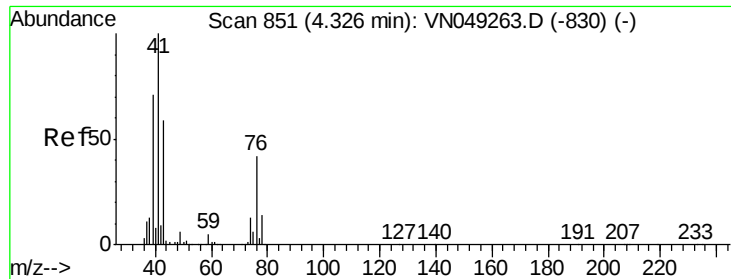
10000

5000

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Time-->





#18

Methvl Acetate

Concen: 9.37 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

ClientSampleId :

SB-39-COMP

Tot Ion: 43 Resp: 118256

Ion Ratio Lower Upper

43 100

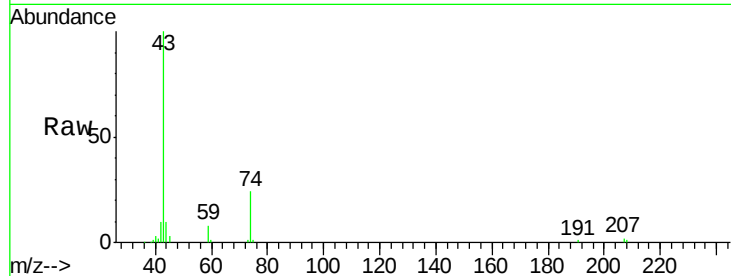
74 24.4 17.4 26.0

Manual Integrations

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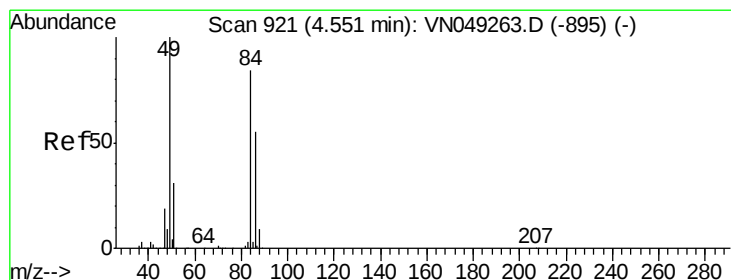
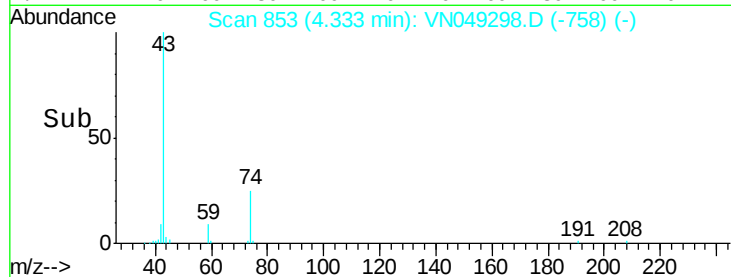
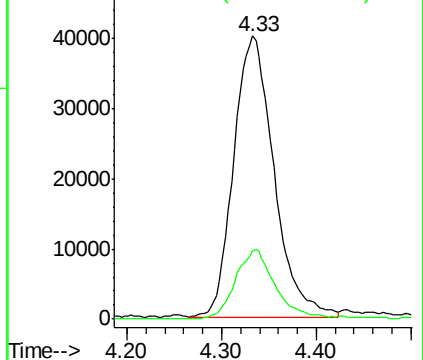
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Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC



#20

Methylene Chloride

Concen: 33.80 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Tgt Ion: 84 Resp: 584143

Ion Ratio Lower Upper

84 100

49 116.1 106.9 160.3

51 35.4 32.7 49.1

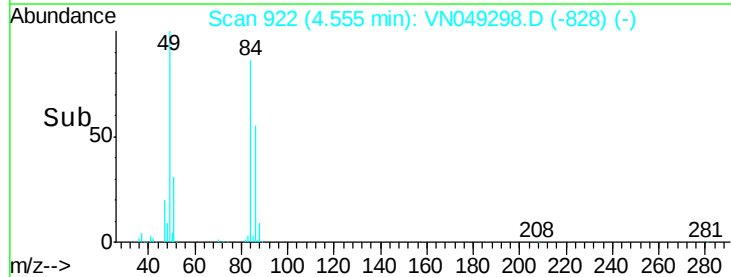
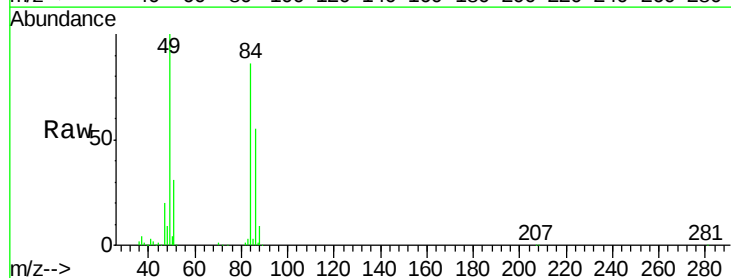
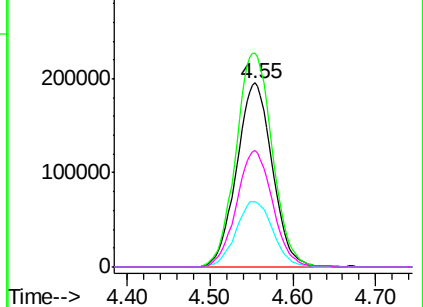
86 63.5 49.8 74.8

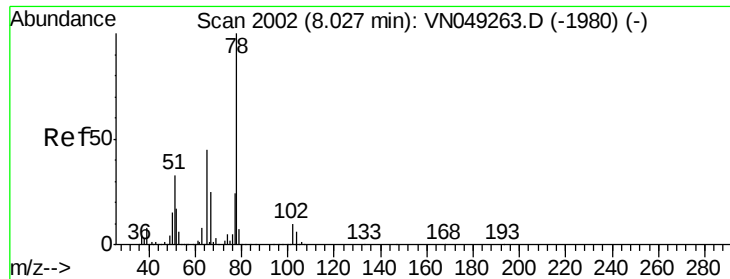
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC





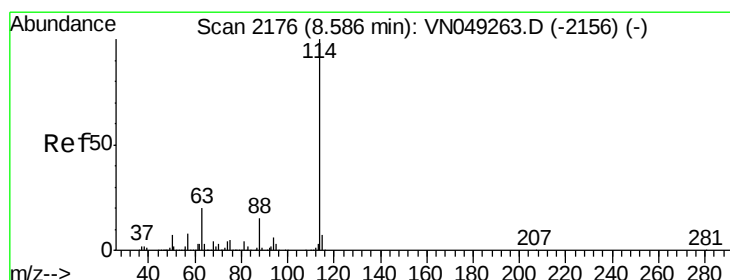
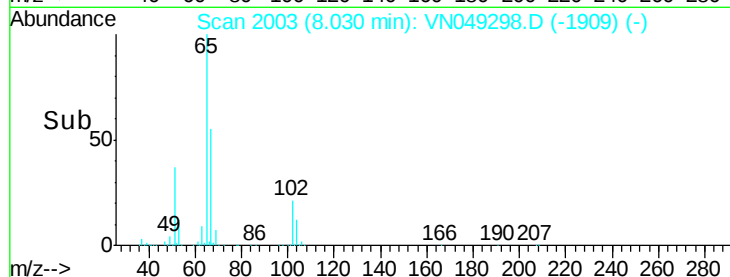
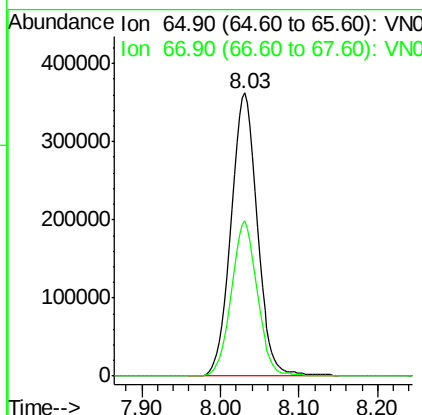
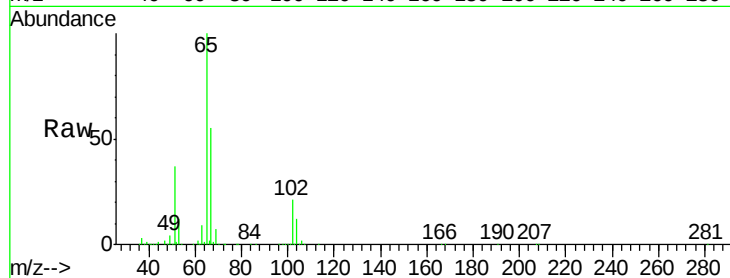
#33
 1,2-Dichloroethane-d4
 Concen: 49.45 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-39-COMP

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.9	0.0	103.8	

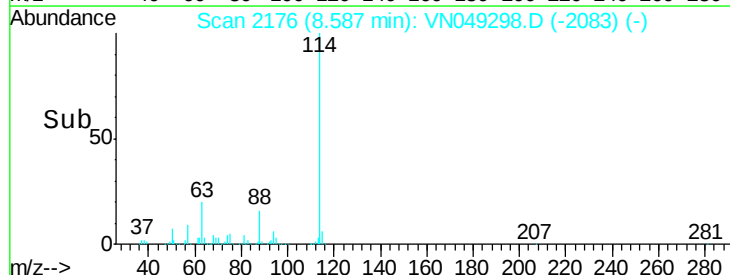
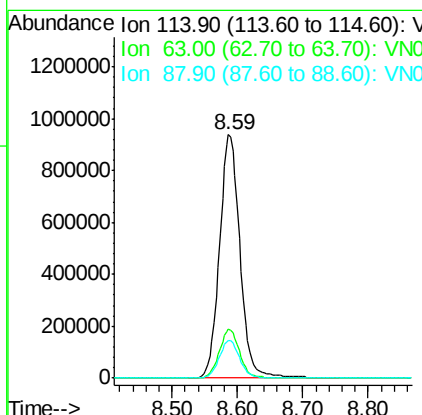
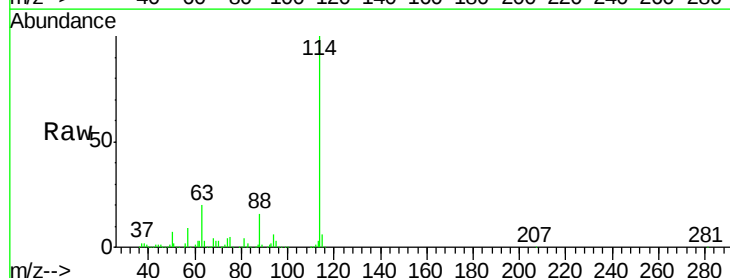
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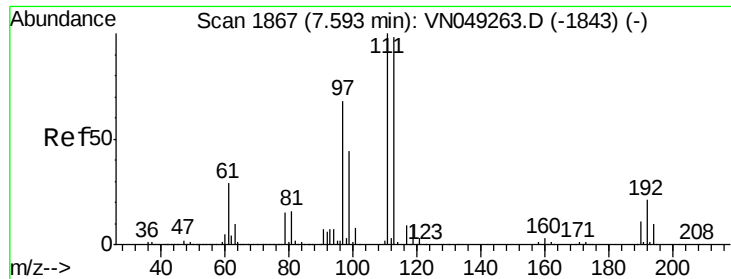
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	44.4	
88	15.6	0.0	31.4	





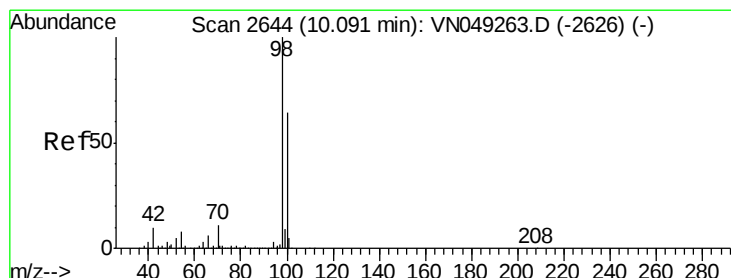
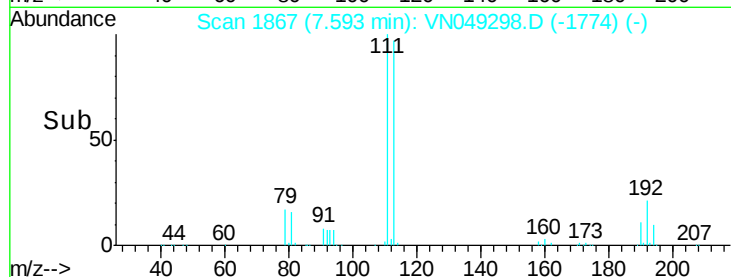
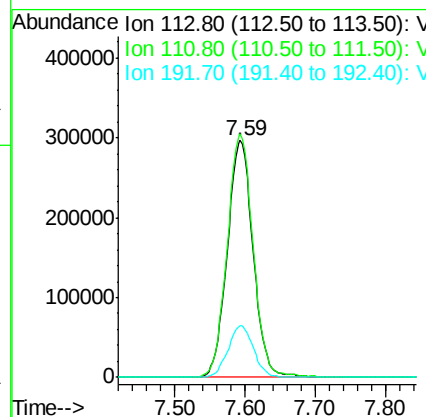
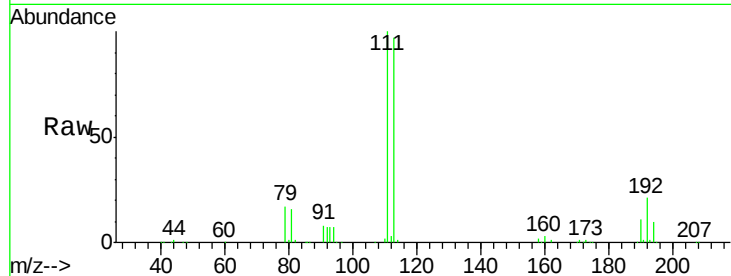
#35
Dibromofluoromethane
Concen: 45.94 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Instrument :
MSVOA_N
ClientSampleId :
SB-39-COMP

Tot Ion	Ratio	Resp	Lower	Upper
113	100	759853		
111	102.8	82.4	123.6	
192	21.6	15.0	22.6	

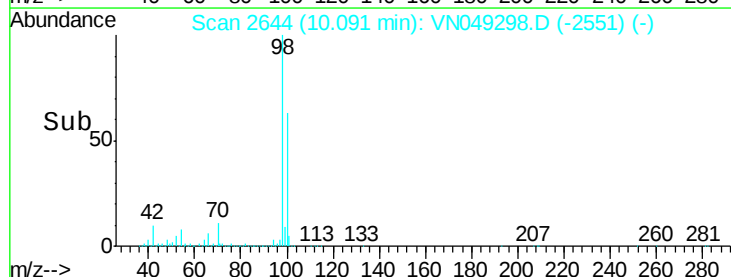
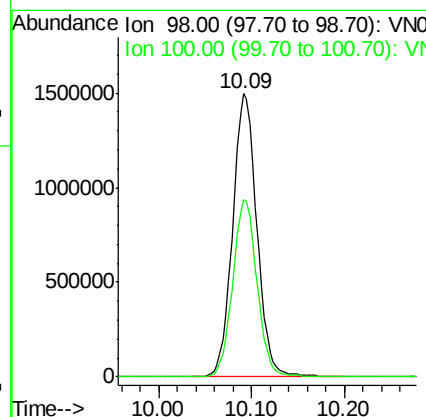
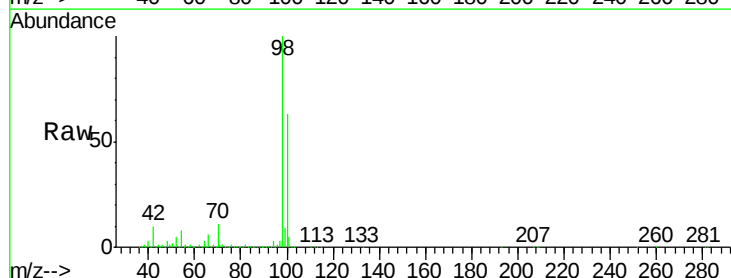
Manual Integrations
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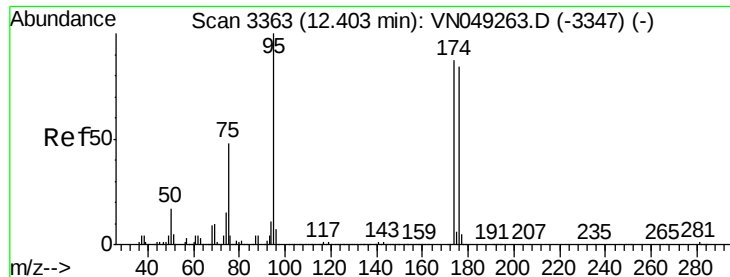
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#50
Toluene-d8
Concen: 43.09 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	2713835		
100	63.0	49.8	74.8	





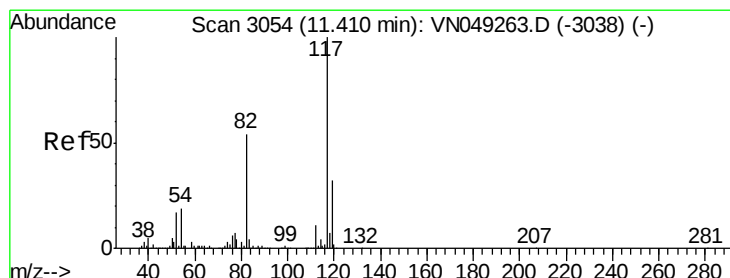
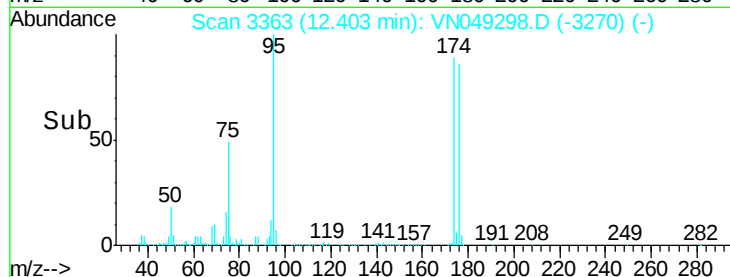
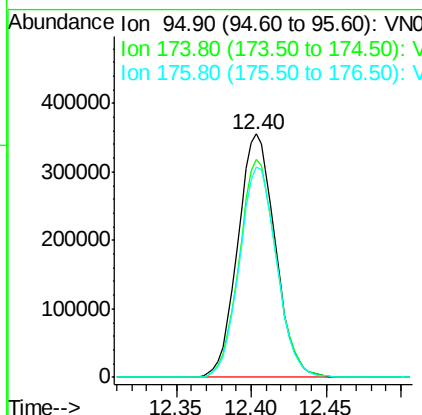
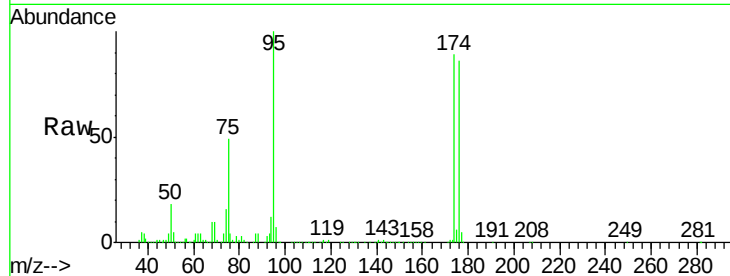
#62
4-Bromofluorobenzene
Concen: 29.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Instrument :
MSVOA_N
ClientSampleId :
SB-39-COMP

Tot Ion	Ratio	Resp	Lower	Upper
95	100	619698		
174	88.5	0.0	165.6	
176	86.0	0.0	157.4	

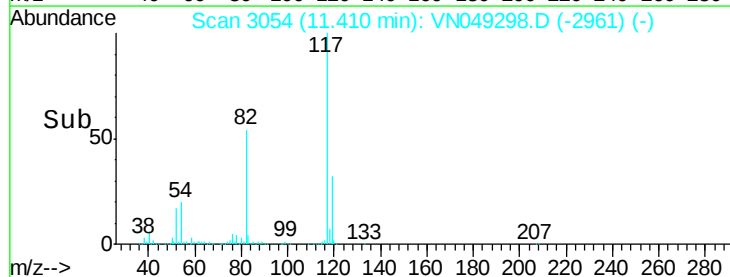
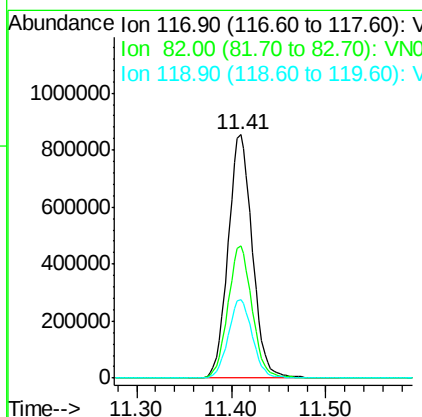
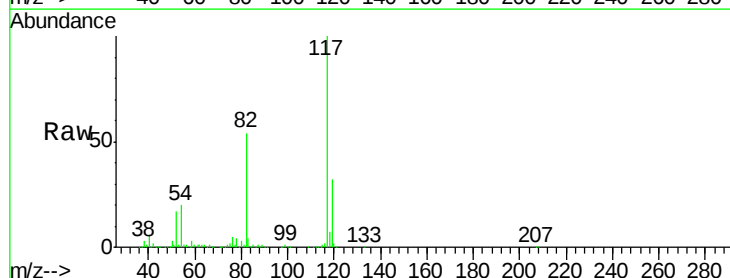
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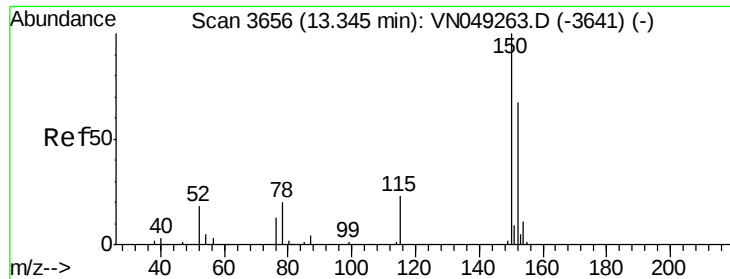
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1516546		
82	54.4	45.9	68.9	
119	32.4	25.5	38.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

ClientSampled :

SB-39-COMP

Tot Ion:152 Resp: 438250

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.1

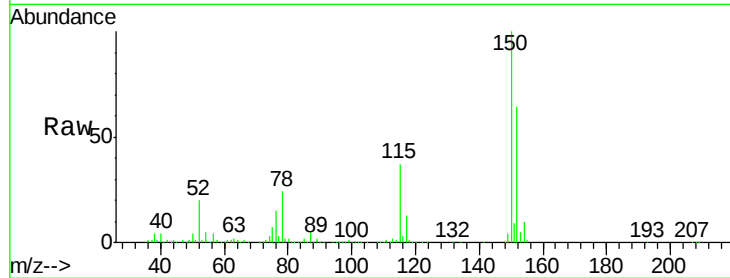
150 156.2 0.0 351.0

Manual Integrations

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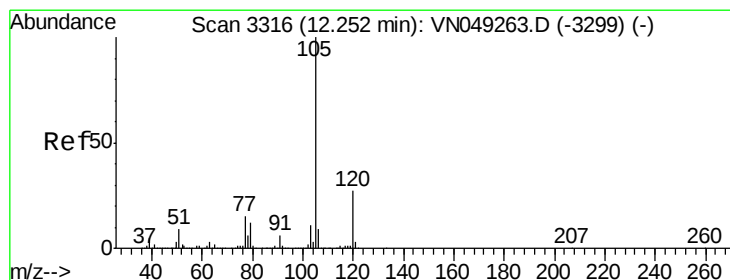
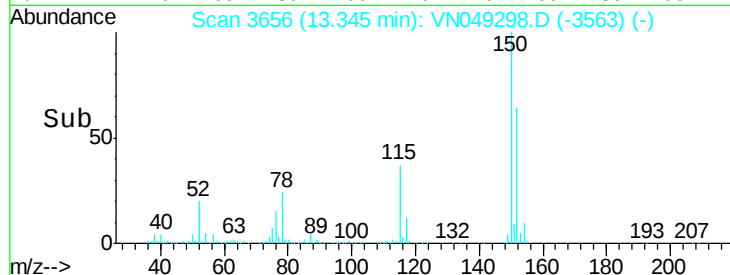
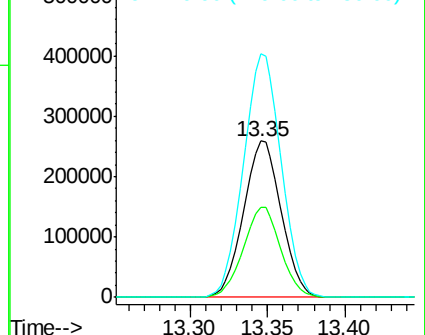
6/18/2018 3:16:19 PM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.70 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049298.D

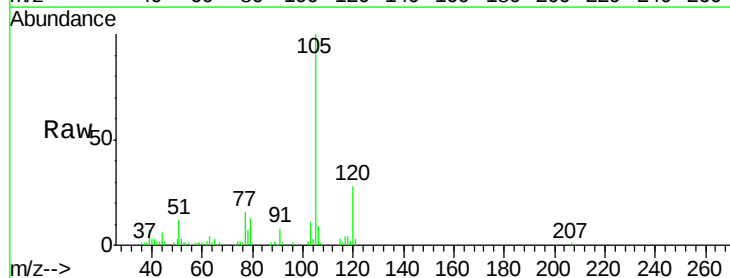
Acq: 16 Jun 2018 9:00

Tgt Ion:105 Resp: 65460

Ion Ratio Lower Upper

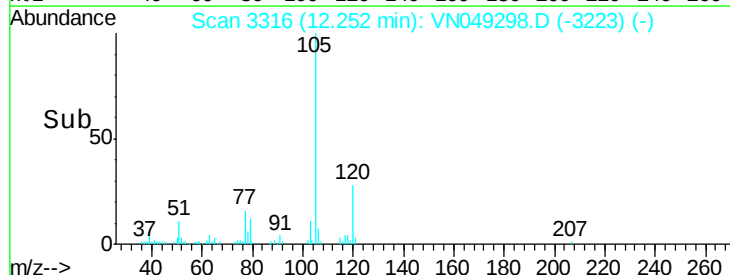
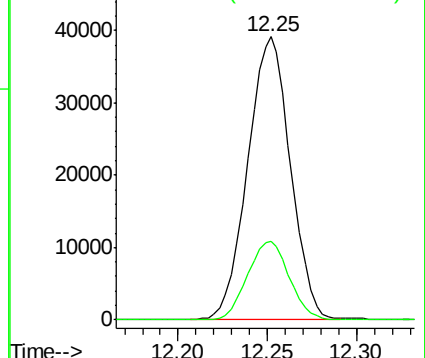
105 100

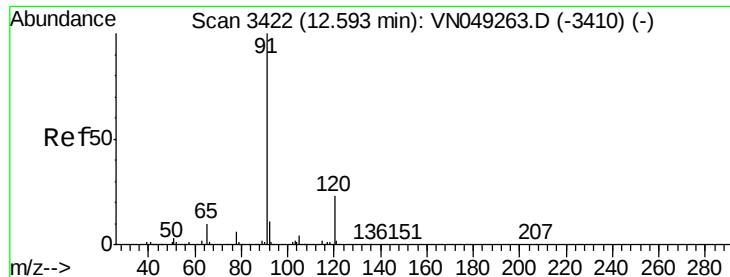
120 27.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.61 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

ClientSampleId :

SB-39-COMP

Tot Ion: 91 Resp: 152719

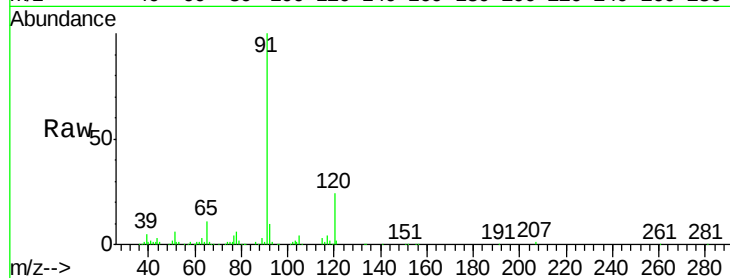
Ion Ratio Lower Upper

91 100

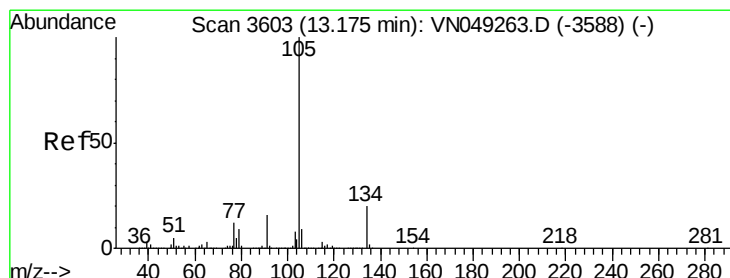
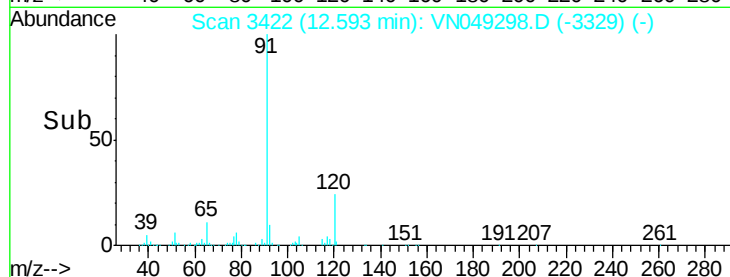
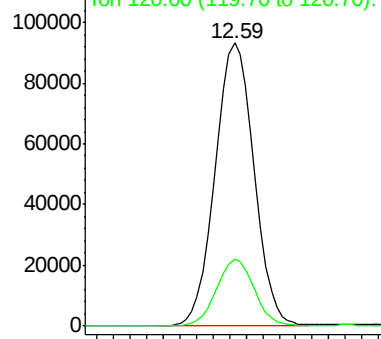
120 23.1 11.2 33.5

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3410) (-)



#85

sec-Butylbenzene

Concen: 2.04 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049298.D

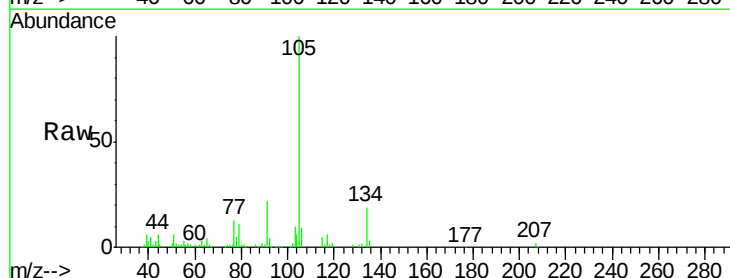
Acq: 16 Jun 2018 9:00

Tgt Ion: 105 Resp: 72634

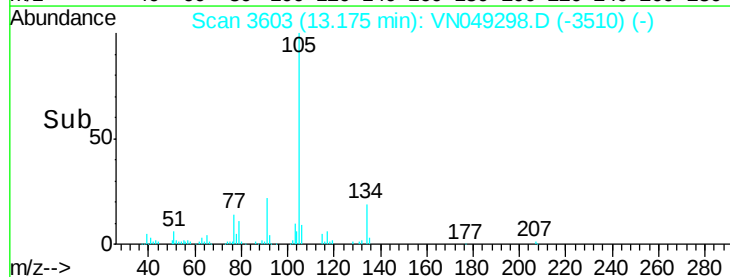
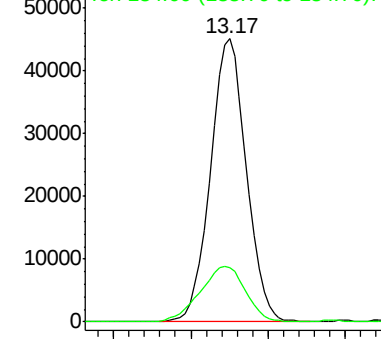
Ion Ratio Lower Upper

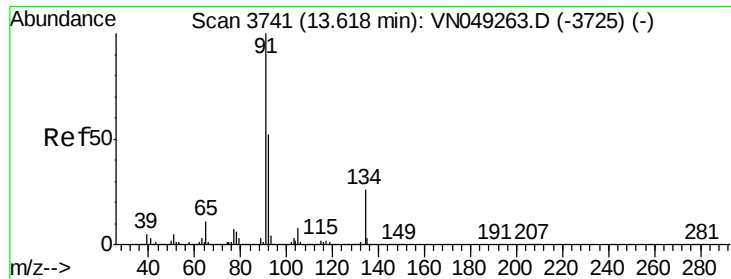
105 100

134 24.9 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3588) (-)





#89

n-Butylbenzene

Concen: 1.25 ug/l m

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

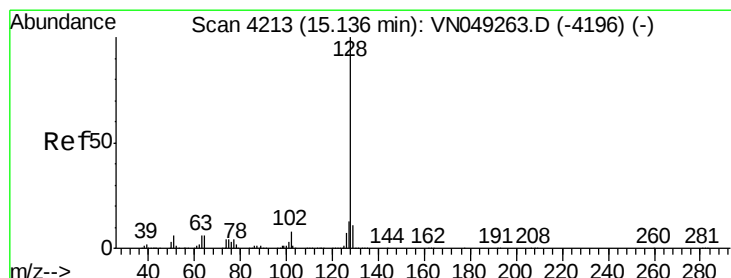
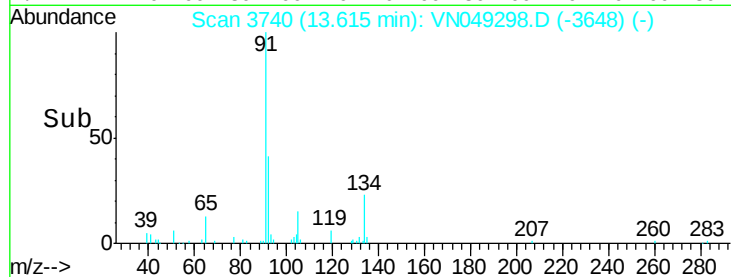
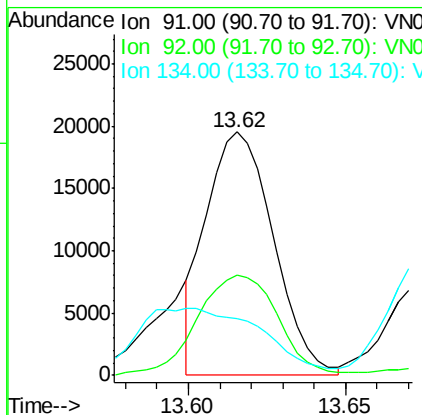
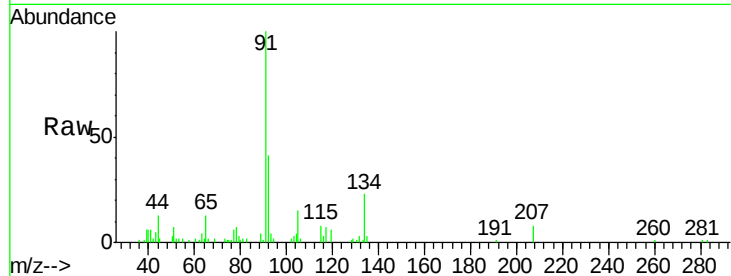
ClientSampleId :

SB-39-COMP

Tot Ion:	91	Resp:	29192
Ion Ratio	Lower	Upper	
91	100		
92	49.3	25.1	75.4
134	52.4	12.0	36.0#

Manual Integrations
APPROVED

MMDadoda
6/18/2018 3:16:19 PM



#95

Naphthalene

Concen: 6.34 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Tgt Ion:	128	Resp:	52386
Ion Ratio	Lower	Upper	
128	100		
127	11.6	10.6	16.0
129	10.4	8.5	12.7

