

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050091.D
 Acq On : 26 Jul 2018 18:56
 Operator : MD\SY
 Sample : J4167-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GS-OILY-WATER

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 12:15:58 PM

Quant Time: Jul 27 09:31:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	648960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1047968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	880347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	418143	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	451753	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
35) Dibromofluoromethane	7.59	113	398282	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
50) Toluene-d8	10.09	98	1427932	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.40	95	446619	43.12	ug/l	0.00
Spiked Amount			Recovery	=	86.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	23426	6.76	ug/l	97
39) Methylcyclohexane	9.08	83	16839	1.39	ug/l	90
52) Toluene	10.16	92	16573	0.78	ug/l	94
67) Ethyl Benzene	11.51	91	69870	1.96	ug/l	100
68) m/p-Xylenes	11.63	106	54036	4.00	ug/l	98
69) o-Xylene	11.95	106	604732	46.95	ug/l	99
73) Isopropylbenzene	12.25	105	40674	1.25	ug/l	99
78) n-propylbenzene	12.59	91	55817	1.54	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	44764	1.75	ug/l	97
83) tert-Butylbenzene	13.00	119	9035	0.41	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	330561	12.86	ug/l	98
85) sec-Butylbenzene	13.17	105	41980m	1.41	ug/l	
86) p-Isopropyltoluene	13.29	119	68562	2.74	ug/l	98
89) n-Butylbenzene	13.62	91	28928m	1.40	ug/l	
95) Naphthalene	15.14	128	607892	33.44	ug/l	100

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

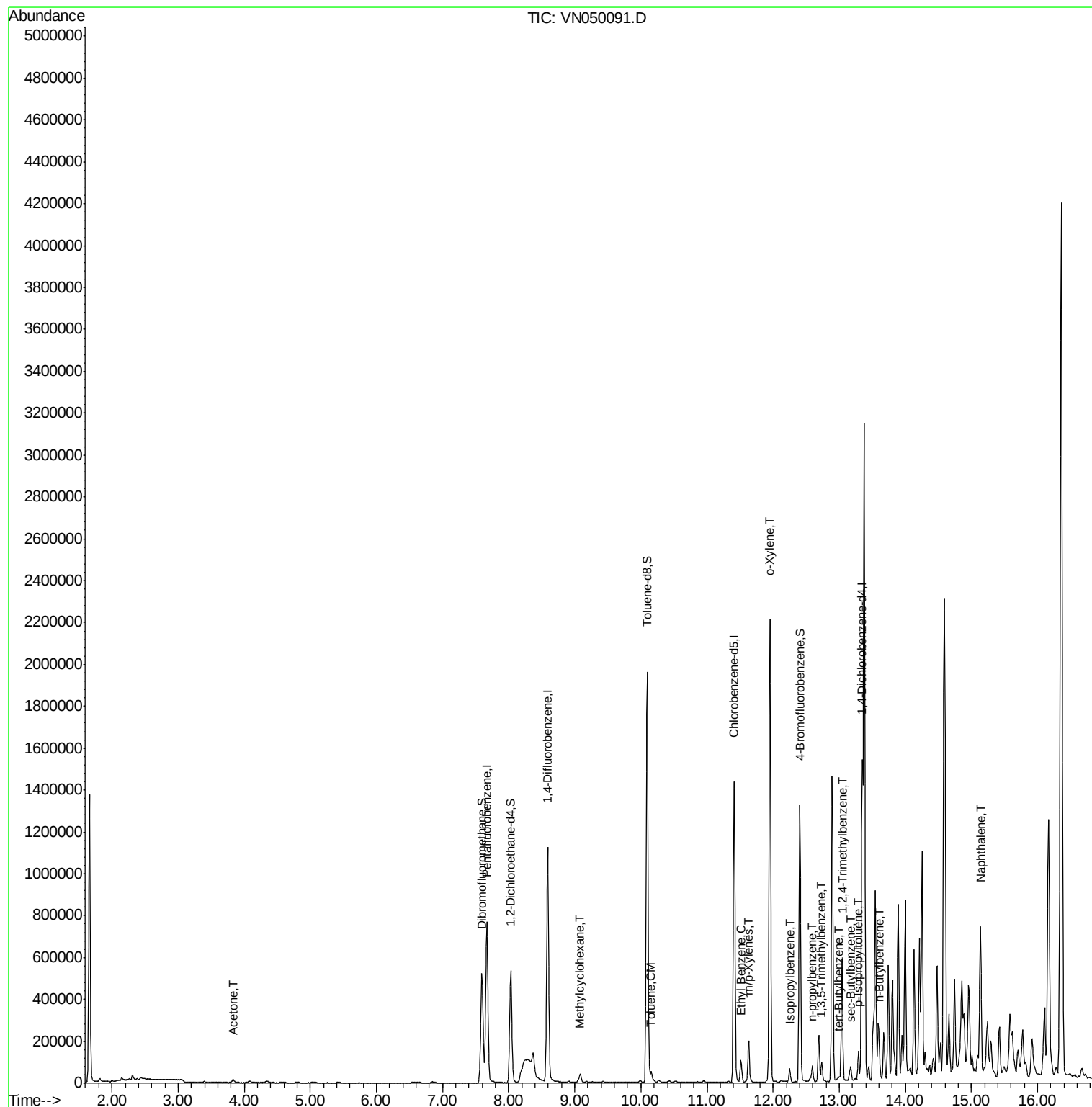
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050091.D
Acq On : 26 Jul 2018 18:56
Operator : MD\SY
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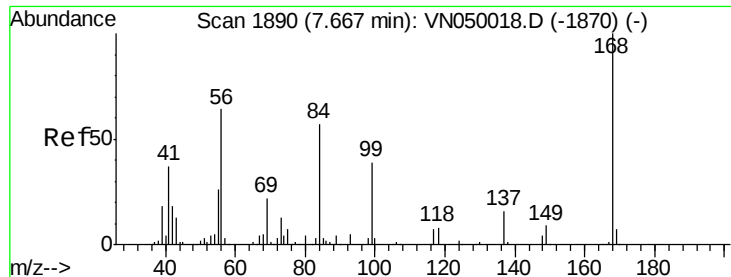
Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

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Quant Time: Jul 27 09:31:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 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: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampleId :

GS-OILY-WATER

Tot Ion:168 Resp: 648960

Ion Ratio Lower Upper

168 100

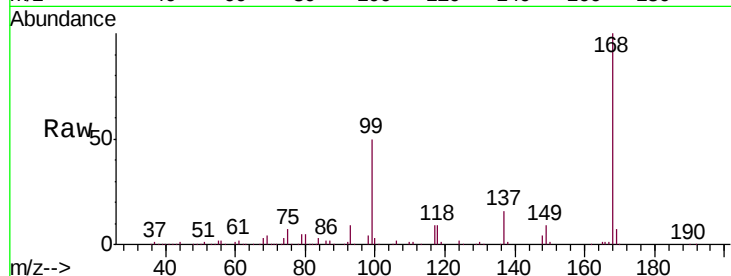
99 50.4 40.0 60.0

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

300000

250000

200000

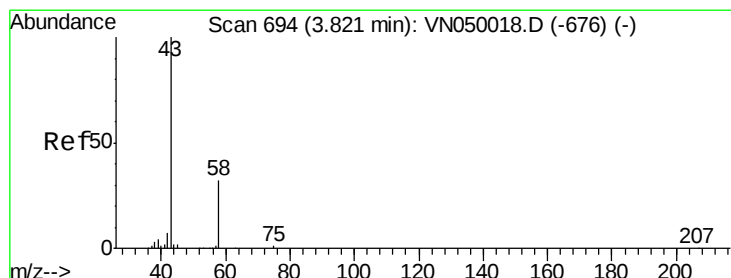
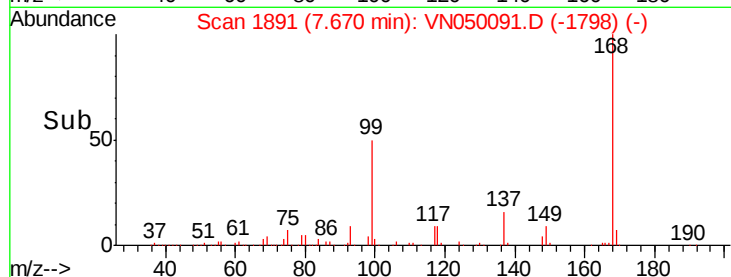
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.76 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050091.D

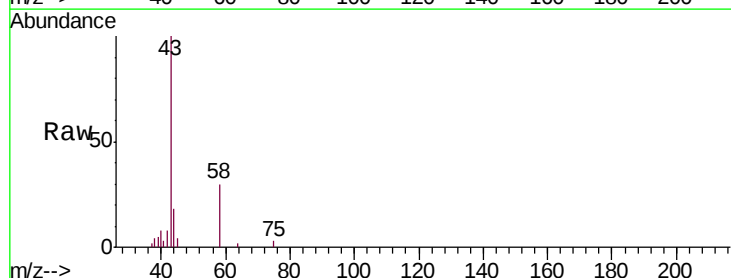
Acq: 26 Jul 2018 18:56

Tgt Ion: 43 Resp: 23426

Ion Ratio Lower Upper

43 100

58 30.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

10000

8000

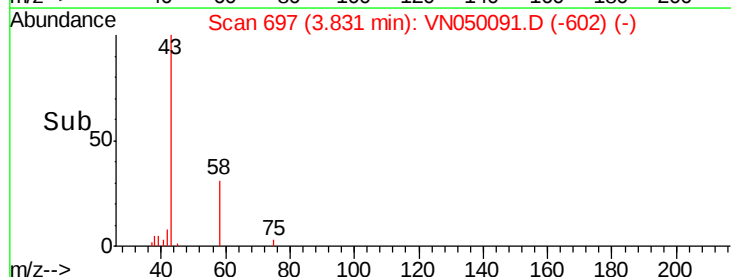
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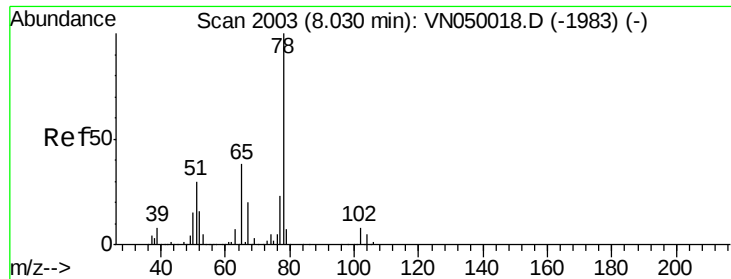
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.89 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampleId :

GS-OILY-WATER

Tot Ion: 65 Resp: 451753

Ion Ratio Lower Upper

65 100

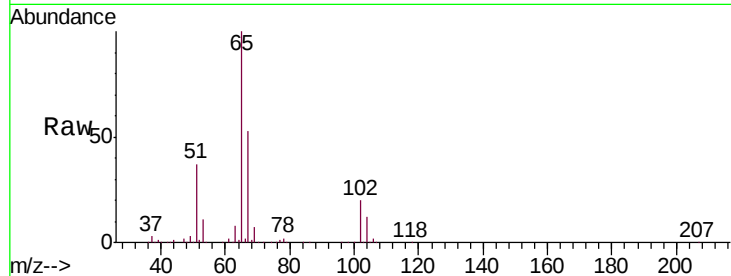
67 53.8 0.0 108.4

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Abundance Ion 64.90 (64.60 to 65.60): VN050091.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN050091.D (-1910) (-)

8.03

200000

150000

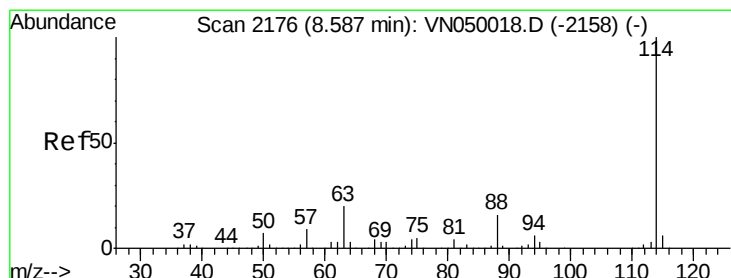
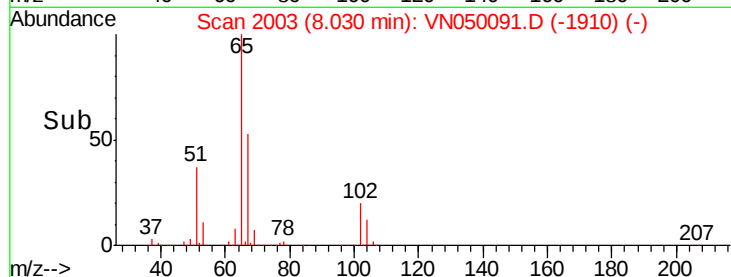
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

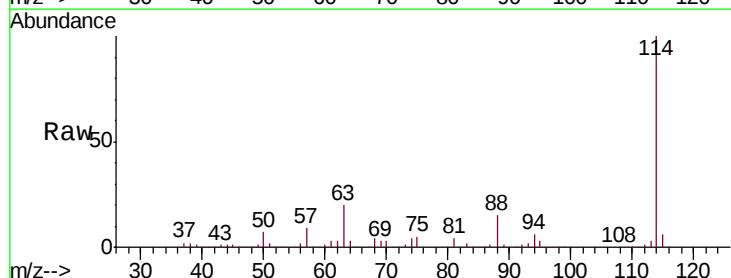
Tgt Ion: 114 Resp: 1047968

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050091.D (-2084) (-)

Ion 63.00 (62.70 to 63.70): VN050091.D (-2084) (-)

Ion 87.90 (87.60 to 88.60): VN050091.D (-2084) (-)

8.59

600000

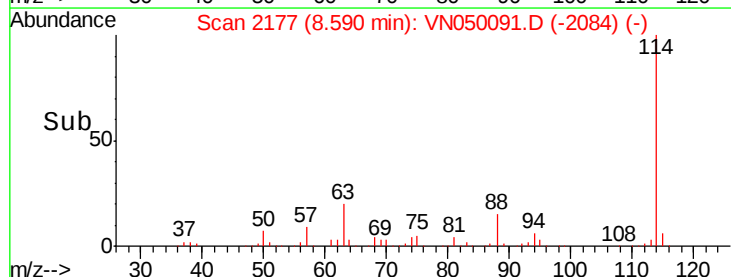
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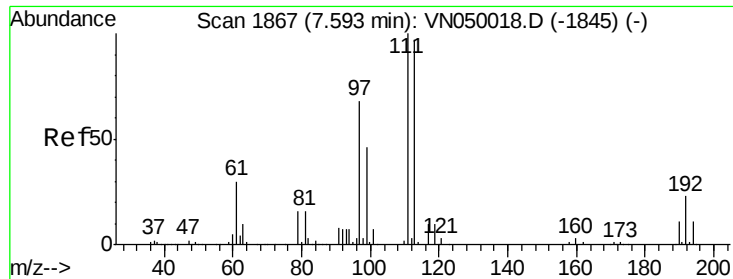
200000

0

8.50 8.60 8.70

Time-->





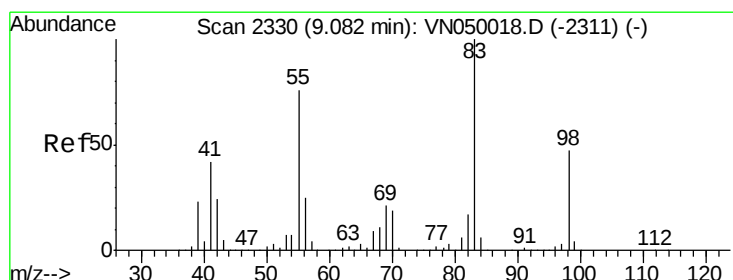
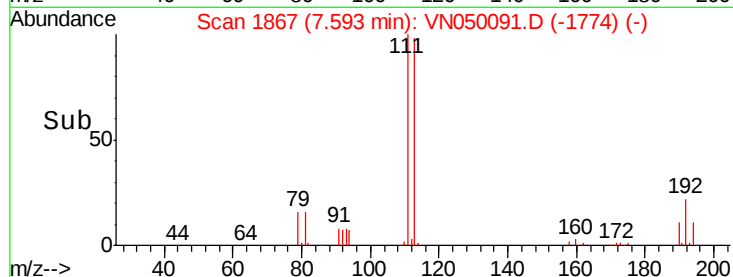
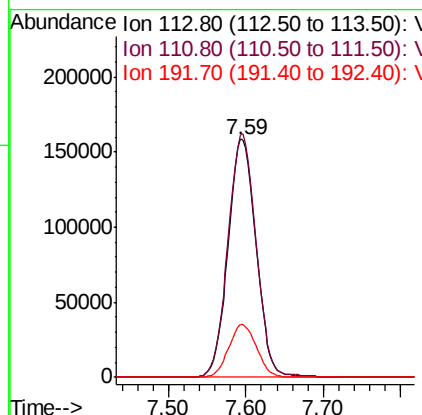
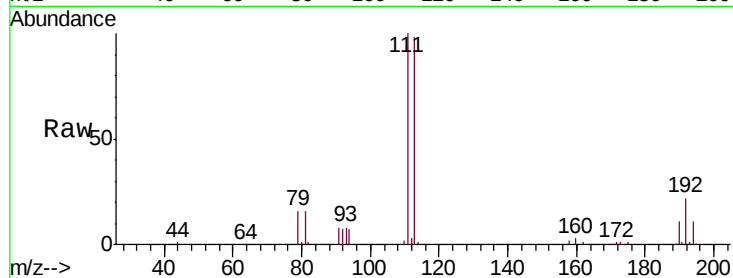
#35
Dibromofluoromethane
Concen: 46.55 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	80.7	121.1	
192	22.0	17.8	26.6	

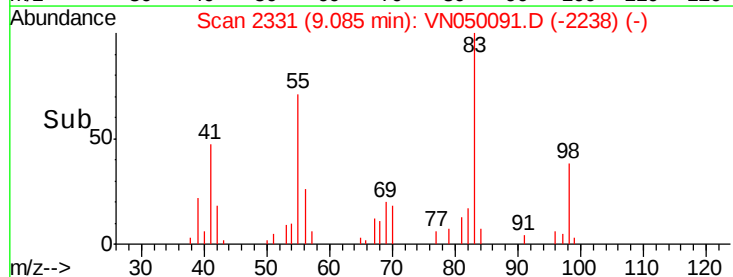
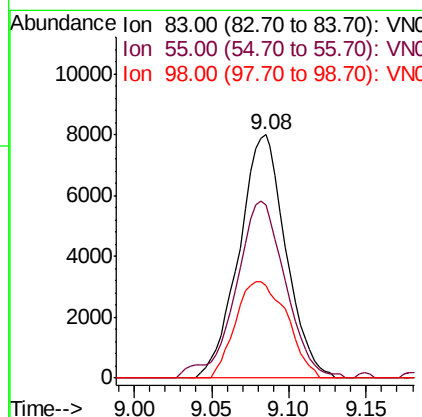
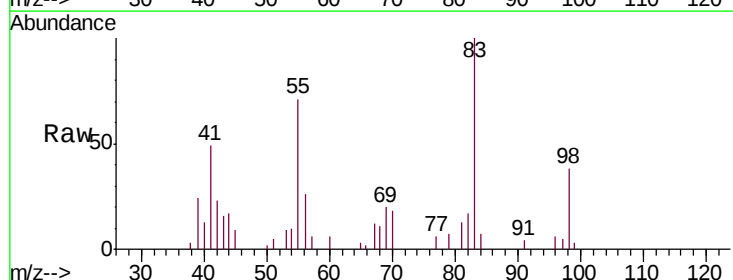
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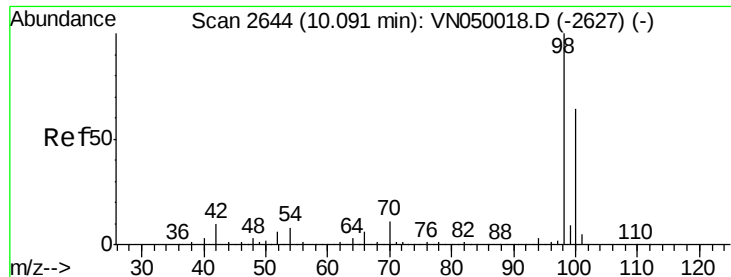
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#39
Methylcyclohexane
Concen: 1.39 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	69.3	61.8	92.8	
98	38.0	36.5	54.7	





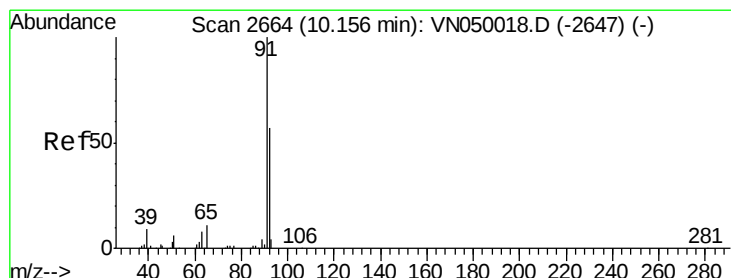
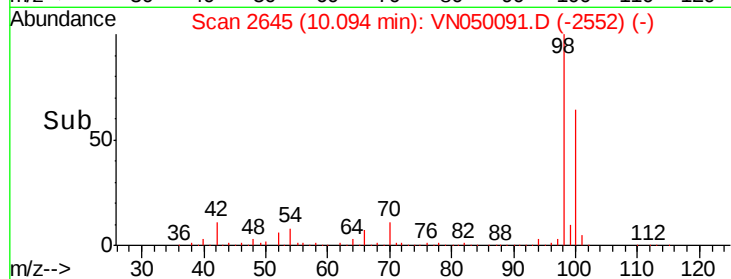
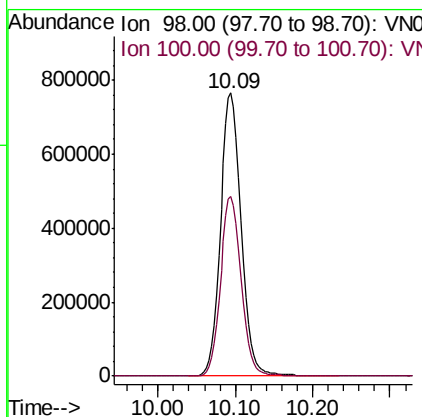
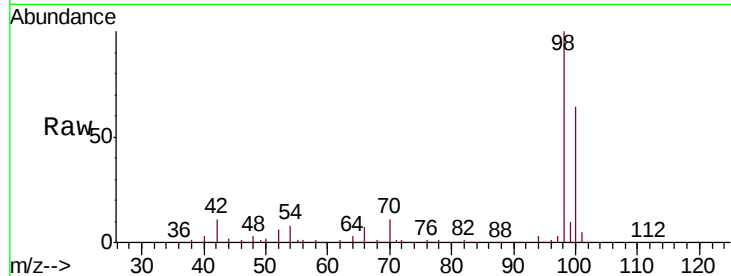
#50
Toluene-d8
Concen: 45.39 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

Tot Ion: 98 Resp: 1427932
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1

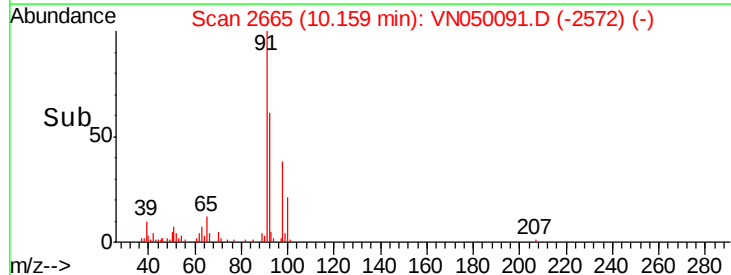
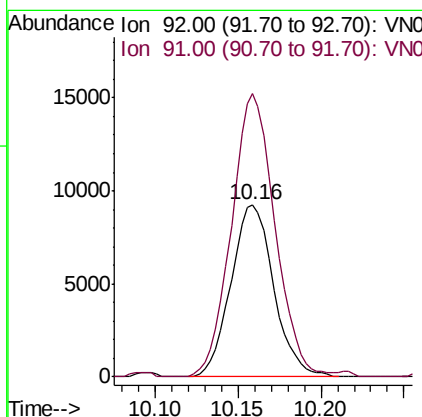
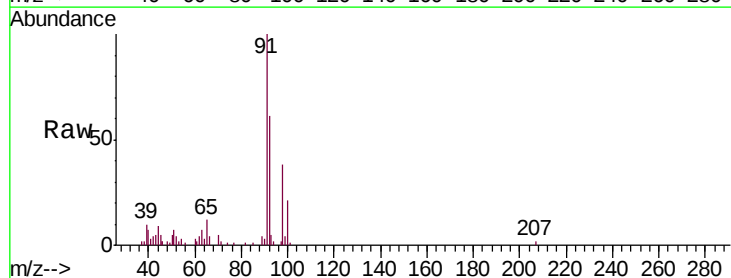
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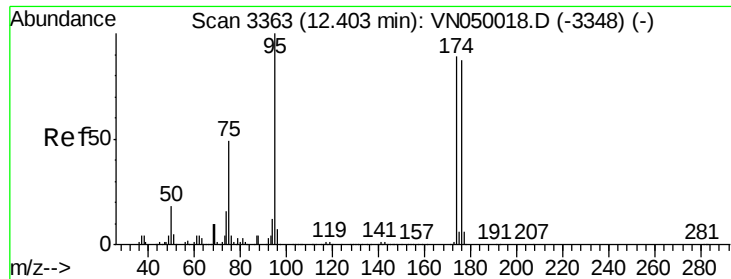
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#52
Toluene
Concen: 0.78 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion: 92 Resp: 16573
Ion Ratio Lower Upper
92 100
91 167.6 140.3 210.5





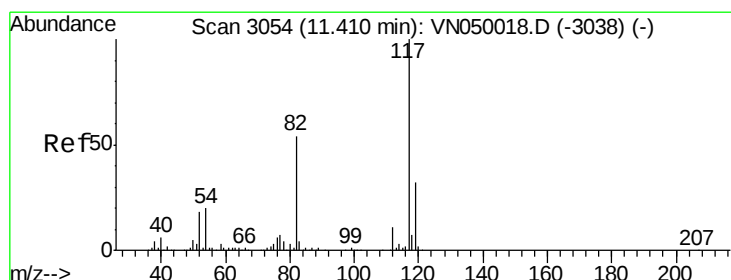
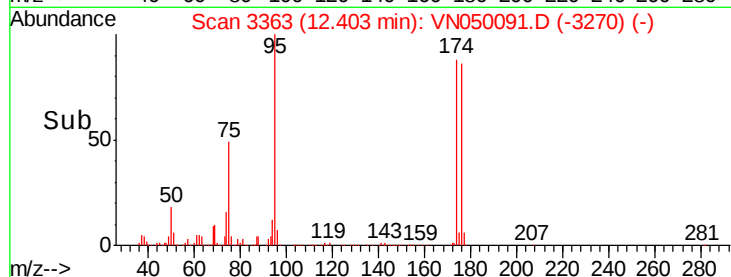
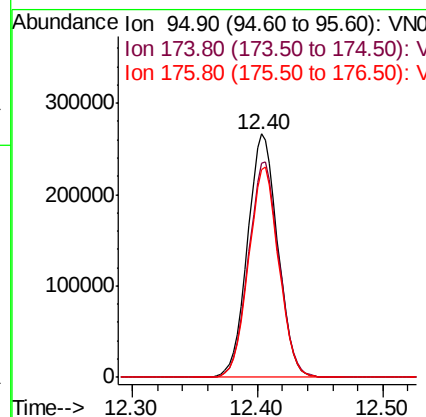
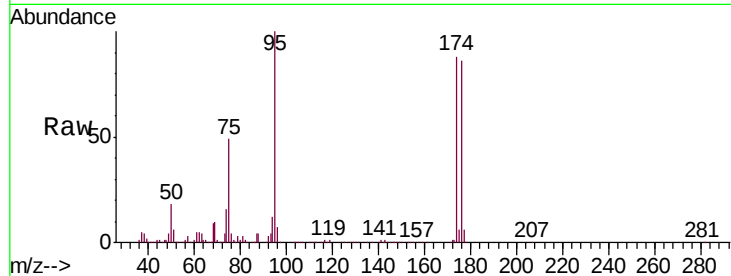
#62
4-Bromofluorobenzene
Concen: 43.12 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

Tot Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	178.2
176	86.1	0.0	173.4

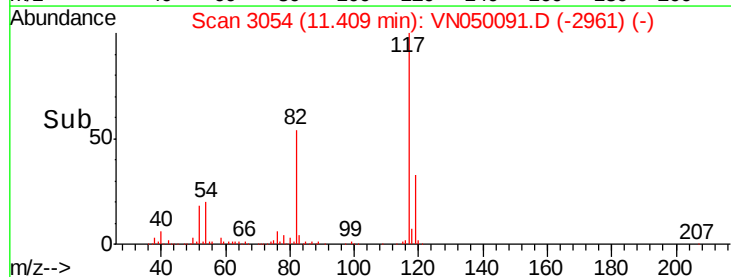
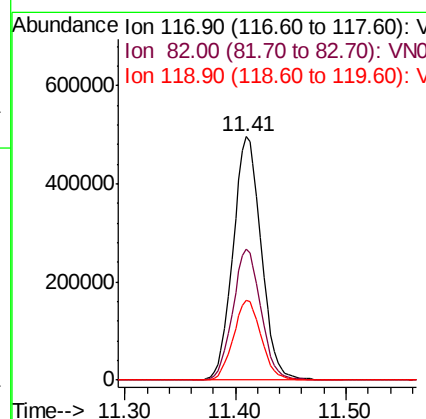
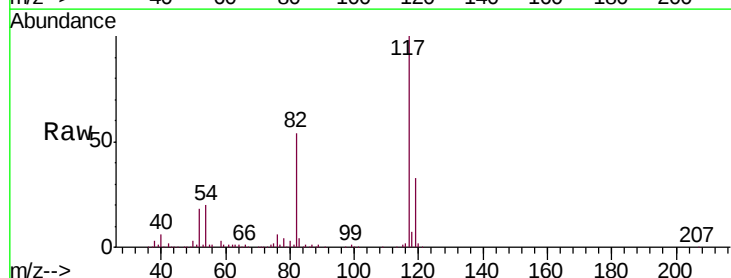
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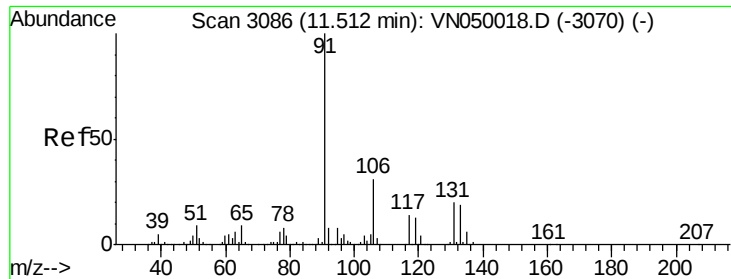
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.7	65.5
119	32.6	26.1	39.1





#67

Ethyl Benzene

Concen: 1.96 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampled :

GS-OILY-WATER

Tot Ion: 91 Resp: 69870

Ion Ratio Lower Upper

91 100

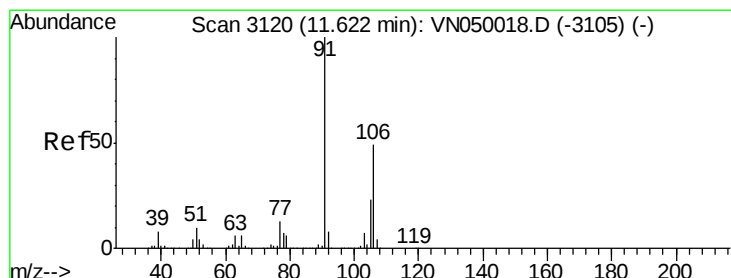
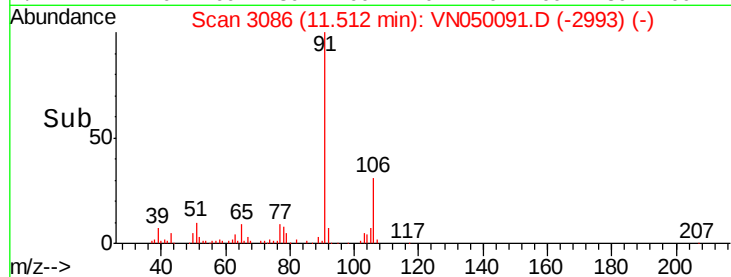
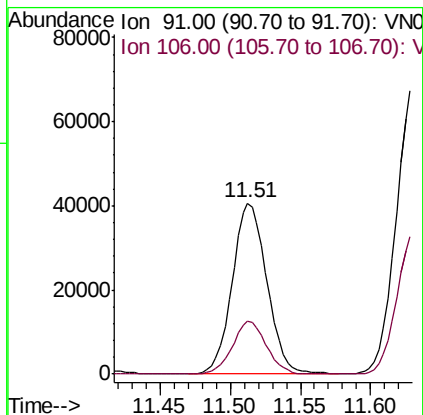
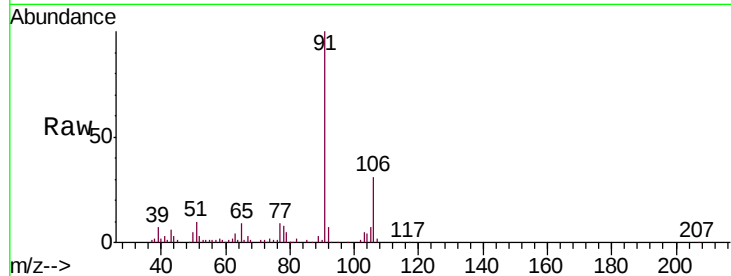
106 31.1 25.0 37.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 4.00 ug/l

RT: 11.63 min Scan# 3123

Delta R.T. 0.01 min

Lab File: VN050091.D

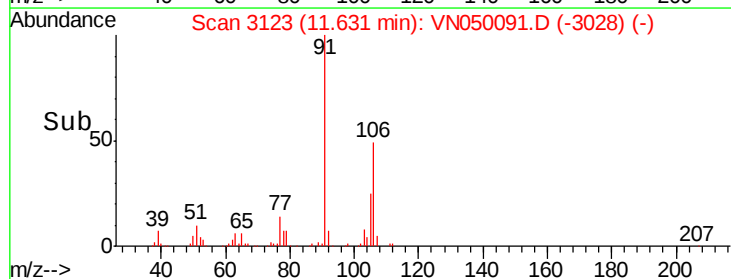
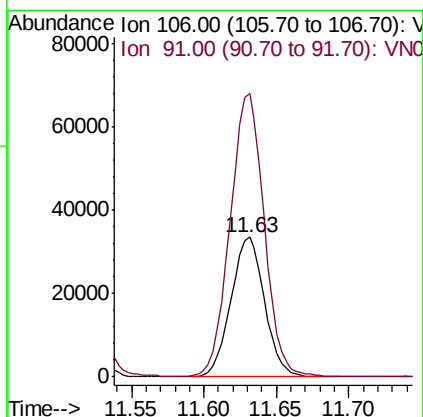
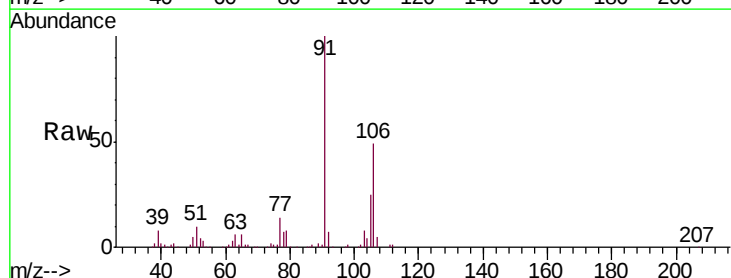
Acq: 26 Jul 2018 18:56

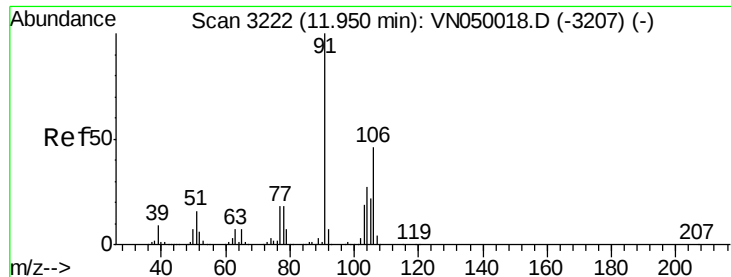
Tgt Ion: 106 Resp: 54036

Ion Ratio Lower Upper

106 100

91 206.3 162.2 243.2





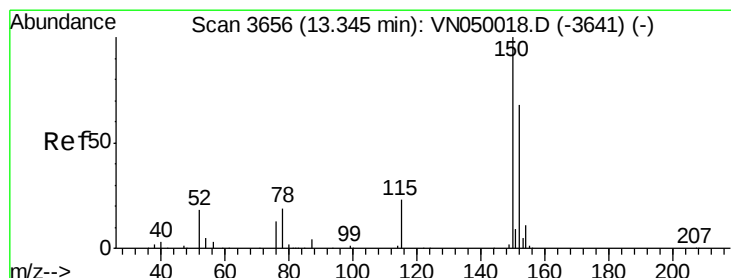
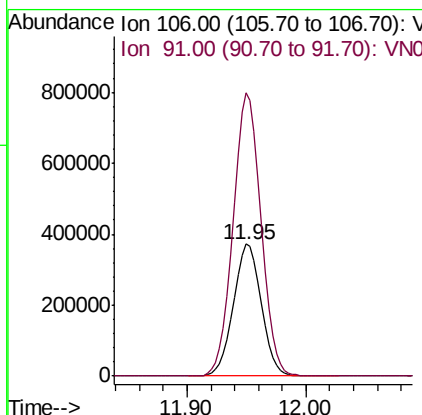
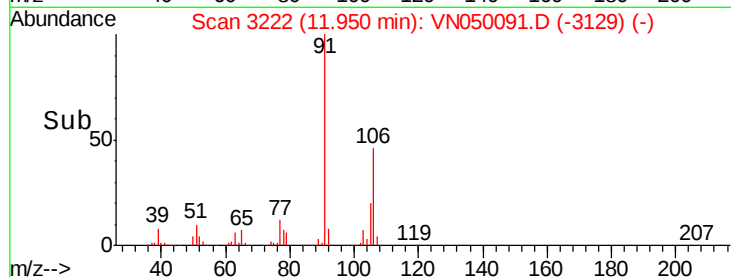
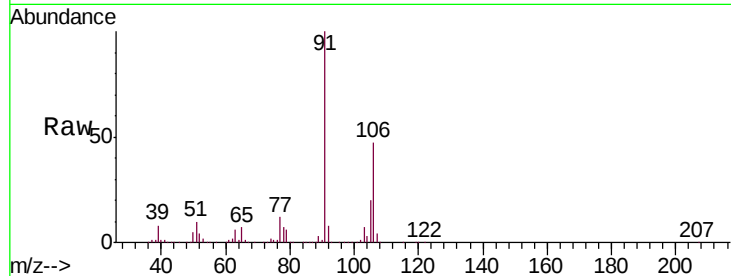
#69
o-Xylene
Concen: 46.95 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Instrument :
MSVOA_N
ClientSampled :
GS-OILY-WATER

Tot Ion:106 Resp: 604732
Ion Ratio Lower Upper
106 100
91 213.9 107.7 323.1

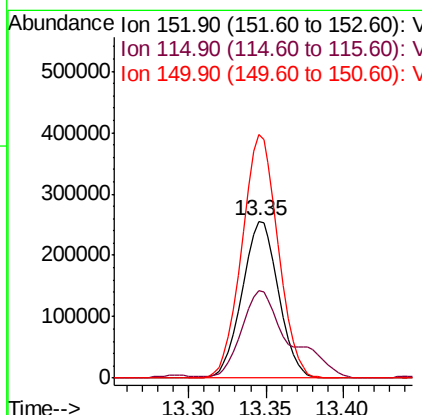
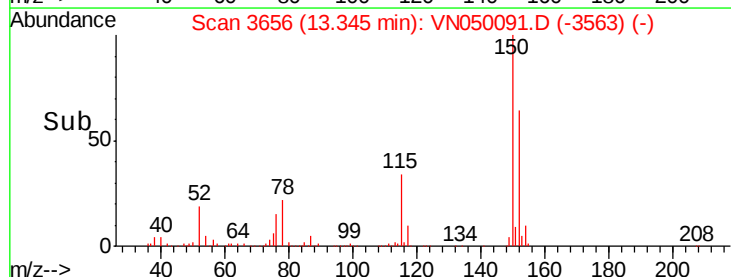
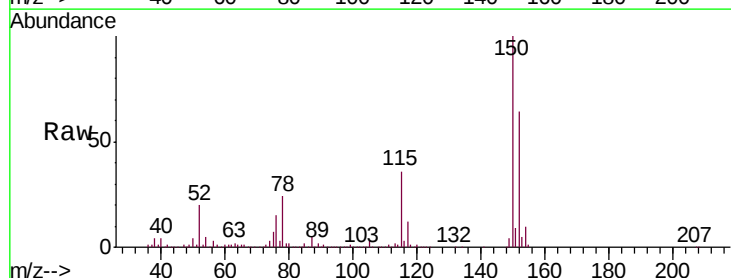
Manual Integrations
APPROVED

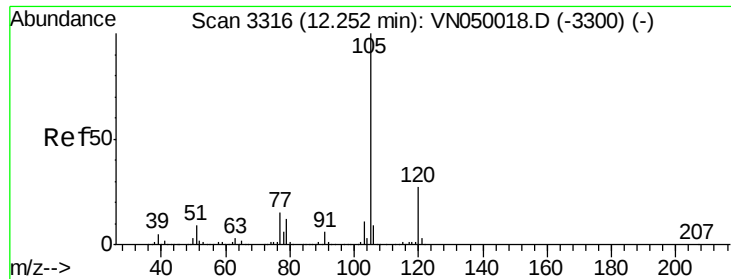
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion:152 Resp: 418143
Ion Ratio Lower Upper
152 100
115 73.1 27.8 83.3
150 154.4 0.0 348.6





#73

Isopropylbenzene

Concen: 1.25 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampled :

GS-OILY-WATER

Tot Ion: 105 Resp: 40674

Ion Ratio Lower Upper

105 100

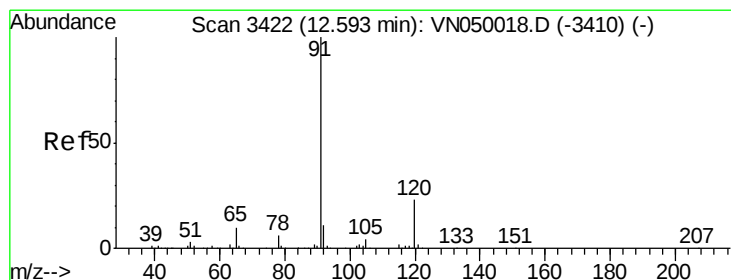
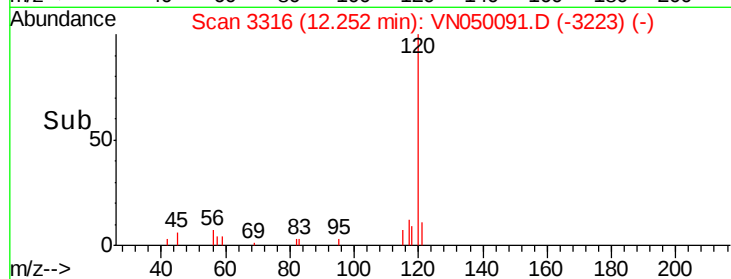
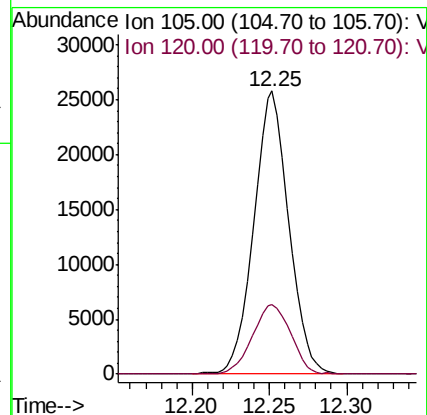
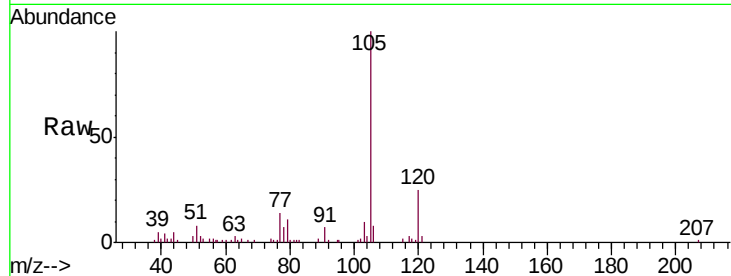
120 26.8 13.3 39.8

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#78

n-propylbenzene

Concen: 1.54 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050091.D

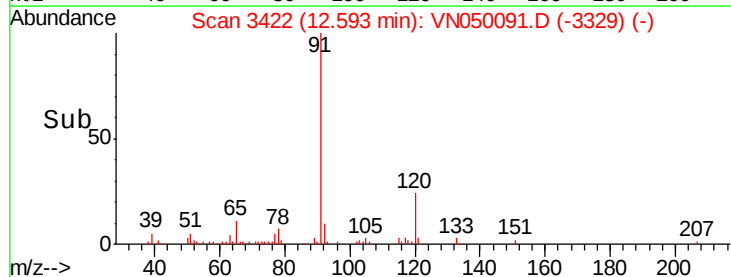
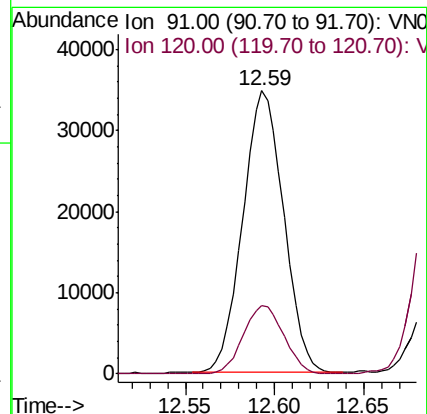
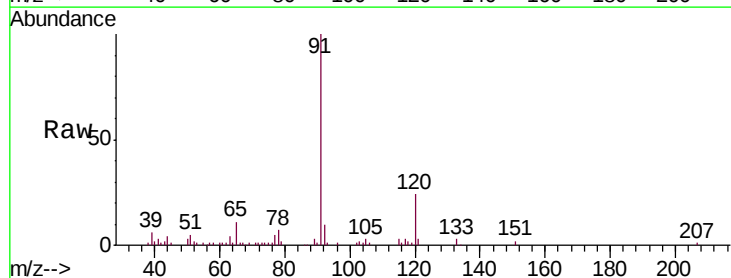
Acq: 26 Jul 2018 18:56

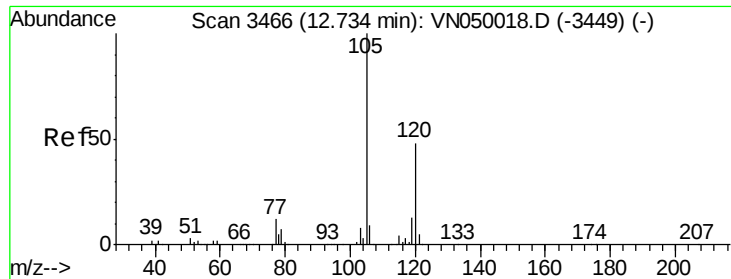
Tgt Ion: 91 Resp: 55817

Ion Ratio Lower Upper

91 100

120 24.0 11.6 34.7





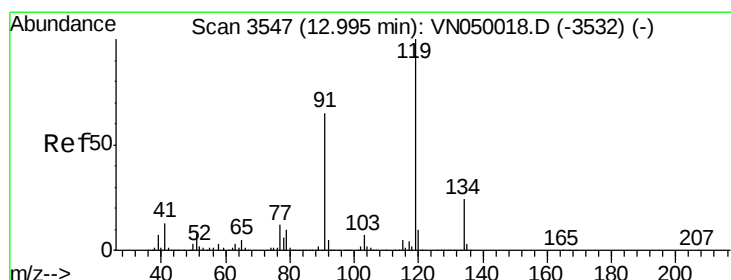
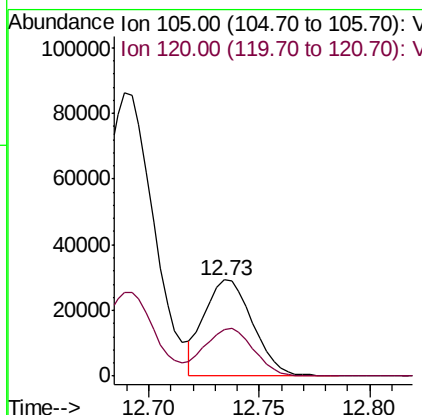
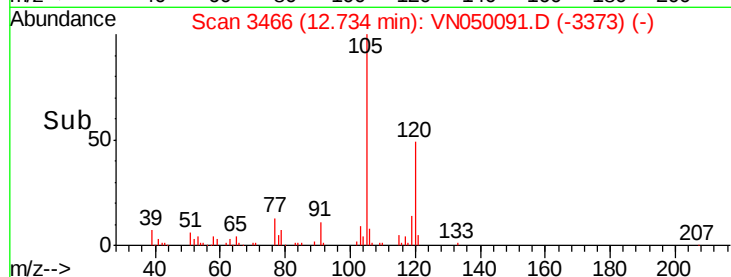
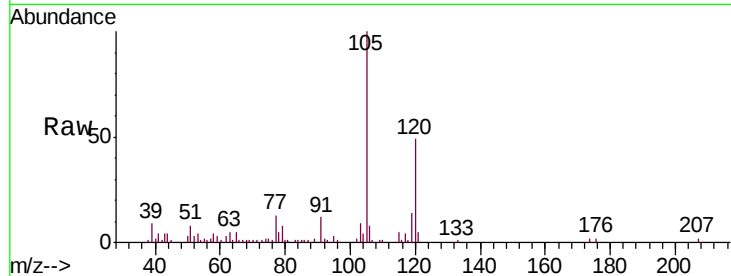
#80
 1,3,5-Trimethylbenzene
 Concen: 1.75 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. -0.00 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

Instrument :
 MSVOA_N
 ClientSampled :
 GS-OILY-WATER

Tot Ion:105 Resp: 44764
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.4 73.2

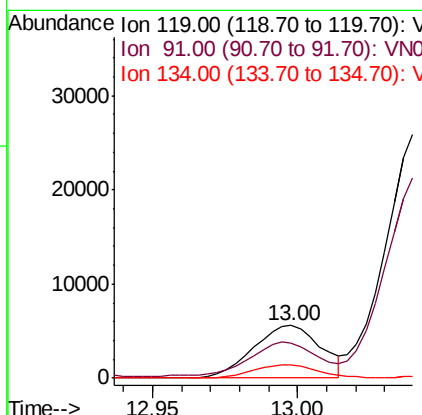
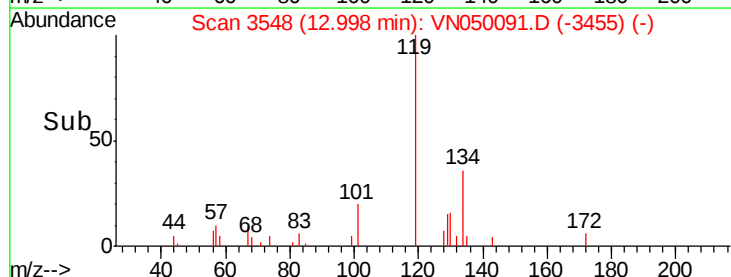
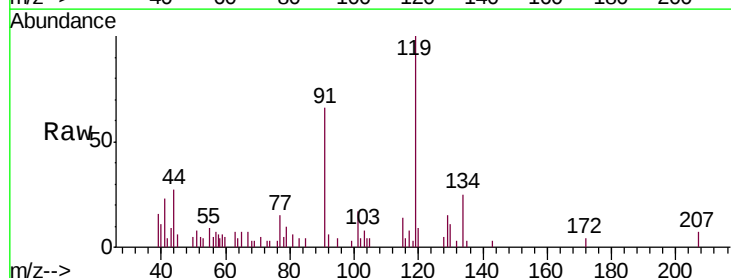
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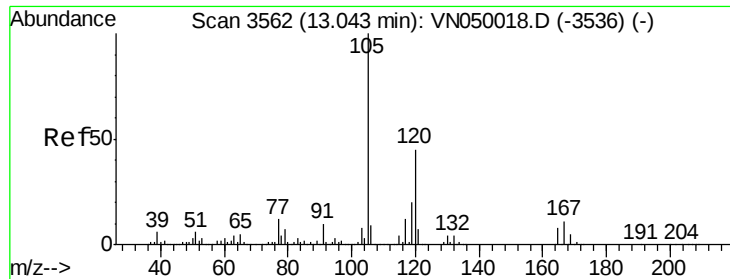
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#83
 tert-Butylbenzene
 Concen: 0.41 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

Tgt Ion:119 Resp: 9035
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.1 96.3
 134 23.7 13.2 39.5





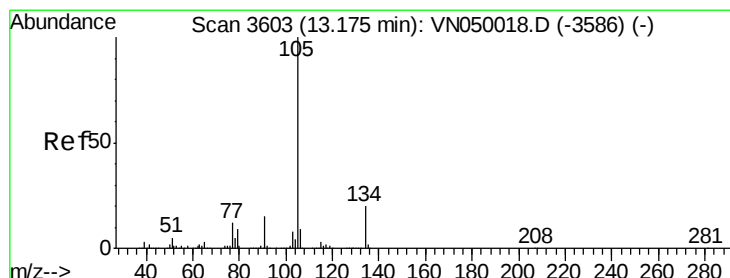
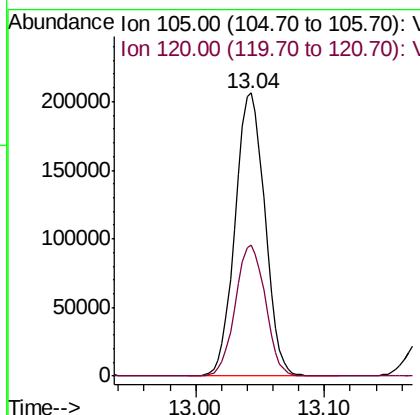
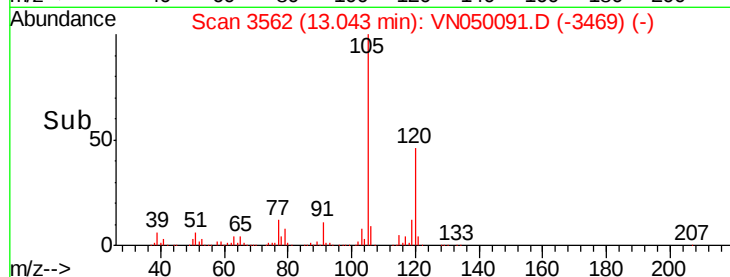
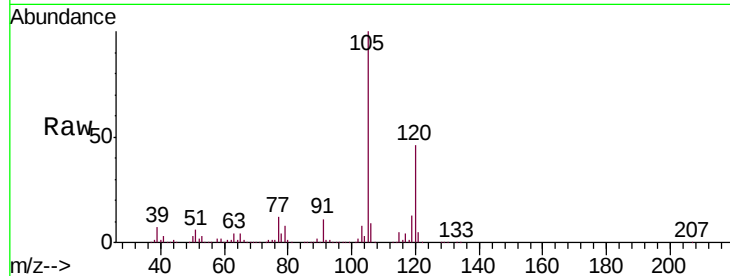
#84
 1,2,4-Trimethylbenzene
 Concen: 12.86 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.00 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 GS-OILY-WATER

Tot Ion:105 Resp: 330561
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.9 68.7

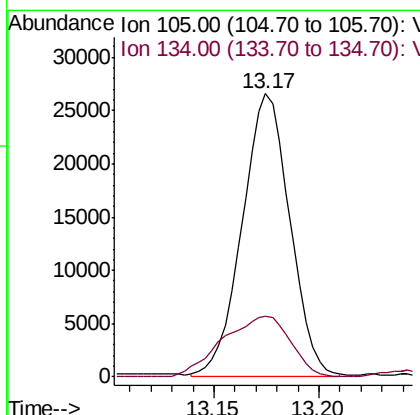
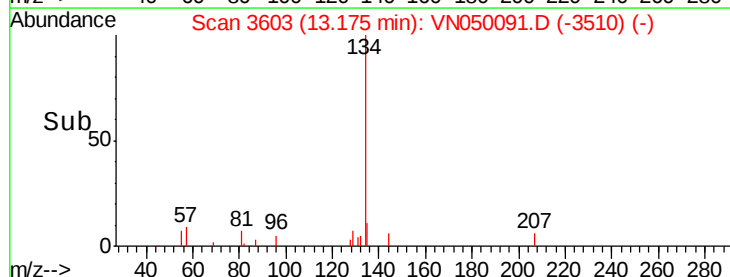
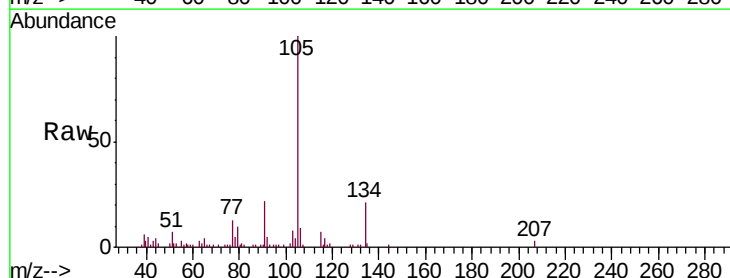
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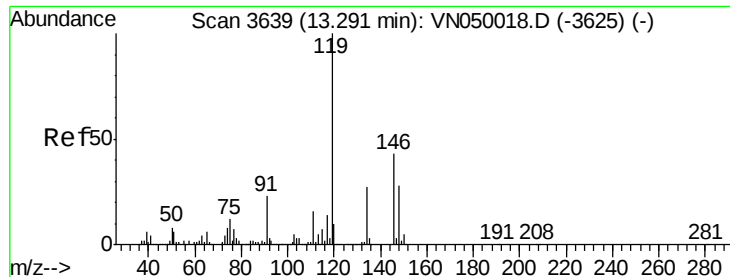
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#85
 sec-Butylbenzene
 Concen: 1.41 ug/l m
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

Tgt Ion:105 Resp: 41980
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#





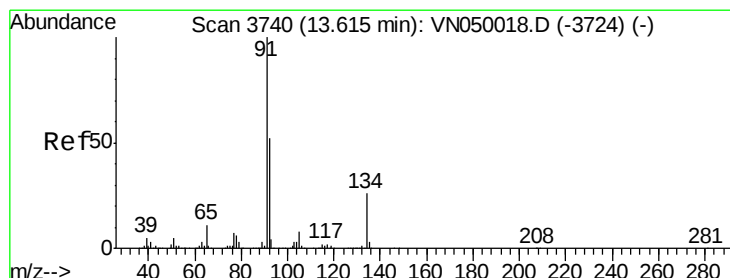
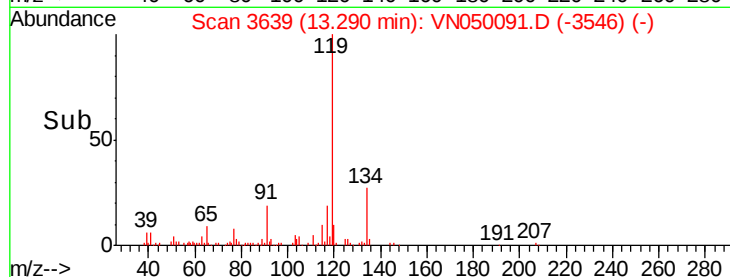
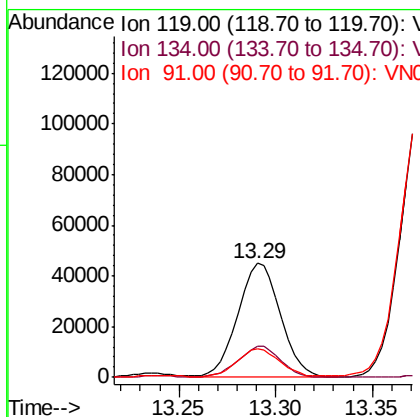
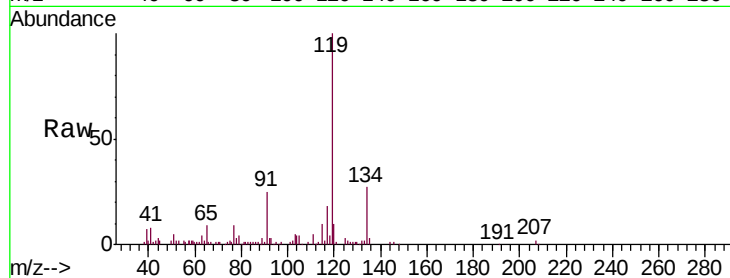
#86
p-Isopropyltoluene
Concen: 2.74 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.3	39.8
91	24.0	11.4	34.2

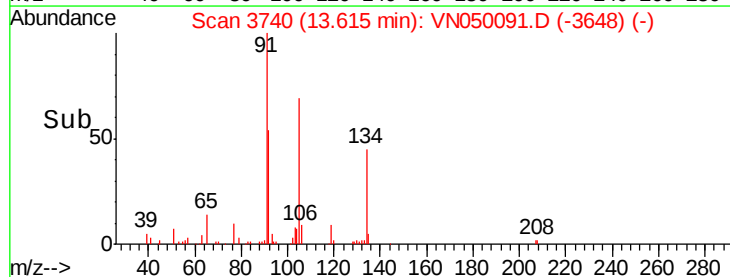
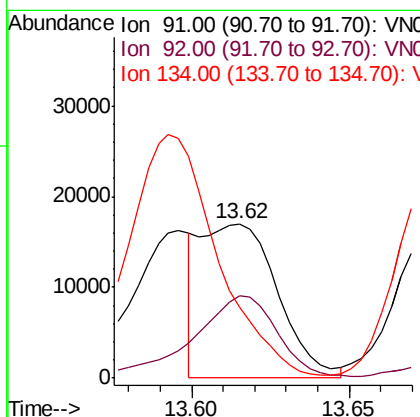
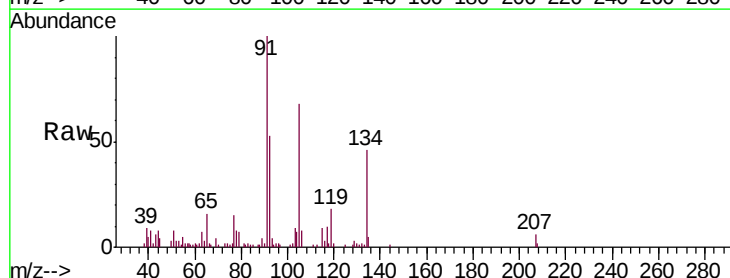
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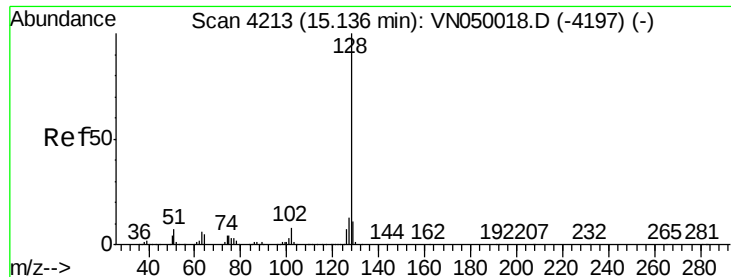
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#89
n-Butylbenzene
Concen: 1.40 ug/l m
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.8	77.4#
134	177.0	12.8	38.4#





#95
Naphthalene
Concen: 33.44 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.8	13.2

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