

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

Quant Time: Jul 27 01:22:35 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

33) 1,2-Dichloroethane-d4	8.03	65	451753	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.59	113	398282	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.09	98	1427932	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.40	95	446619	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	

Target Compounds

						Qvalue
5) Bromomethane	2.54	94	59	Below Cal	#	3
11) Tert butyl alcohol	4.81	59	637	0.96	ug/l #	72
16) Acetone	3.83	43	23426	6.76	ug/l	97
18) Methyl Acetate	4.34	43	16454	0.37	ug/l #	78
20) Methylene Chloride	4.54	84	705	Below Cal		87
25) 2-Butanone	6.85	43	4917	1.42	ug/l	98
31) Cyclohexane	7.67	56	16324	1.24	ug/l #	16
36) 1,1-Dichloropropene	7.67	75	45086	3.82	ug/l #	49
38) Carbon Tetrachloride	7.67	117	58051	4.63	ug/l #	16
39) Methylcyclohexane	9.08	83	16839	1.39	ug/l	90
40) Benzene	8.05	78	17224	0.48	ug/l	95
41) Methacrylonitrile	7.45	41	31	2.76	ug/l #	10
43) Isopropyl Acetate	8.27	43	196513	11.80	ug/l #	61
51) 4-Methyl-2-Pentanone	9.99	43	5966	0.74	ug/l	96
52) Toluene	10.16	92	16573	0.78	ug/l	94
56) Ethyl methacrylate	10.44	69	789	2.10	ug/l #	1
59) 2-Hexanone	10.76	43	684	5.29	ug/l	73
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
70) Styrene	11.95	104	34157	2.39	ug/l #	1
71) Bromoform	12.40	173	2912	0.47	ug/l #	1
73) Isopropylbenzene	12.25	105	40674	1.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.49	83	69	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	217792	28.03	ug/l #	100
78) n-propylbenzene	12.59	91	55817	1.54	ug/l	98
79) 2-Chlorotoluene	12.69	91	16195	0.72	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	44764	1.75	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	217792	88.90	ug/l #	13
82) 4-Chlorotoluene	12.73	91	4590	0.21	ug/l #	41
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	13.04	105	330561	11.11	ug/l #	56
86) p-Isopropyltoluene	13.29	119	68562	2.74	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

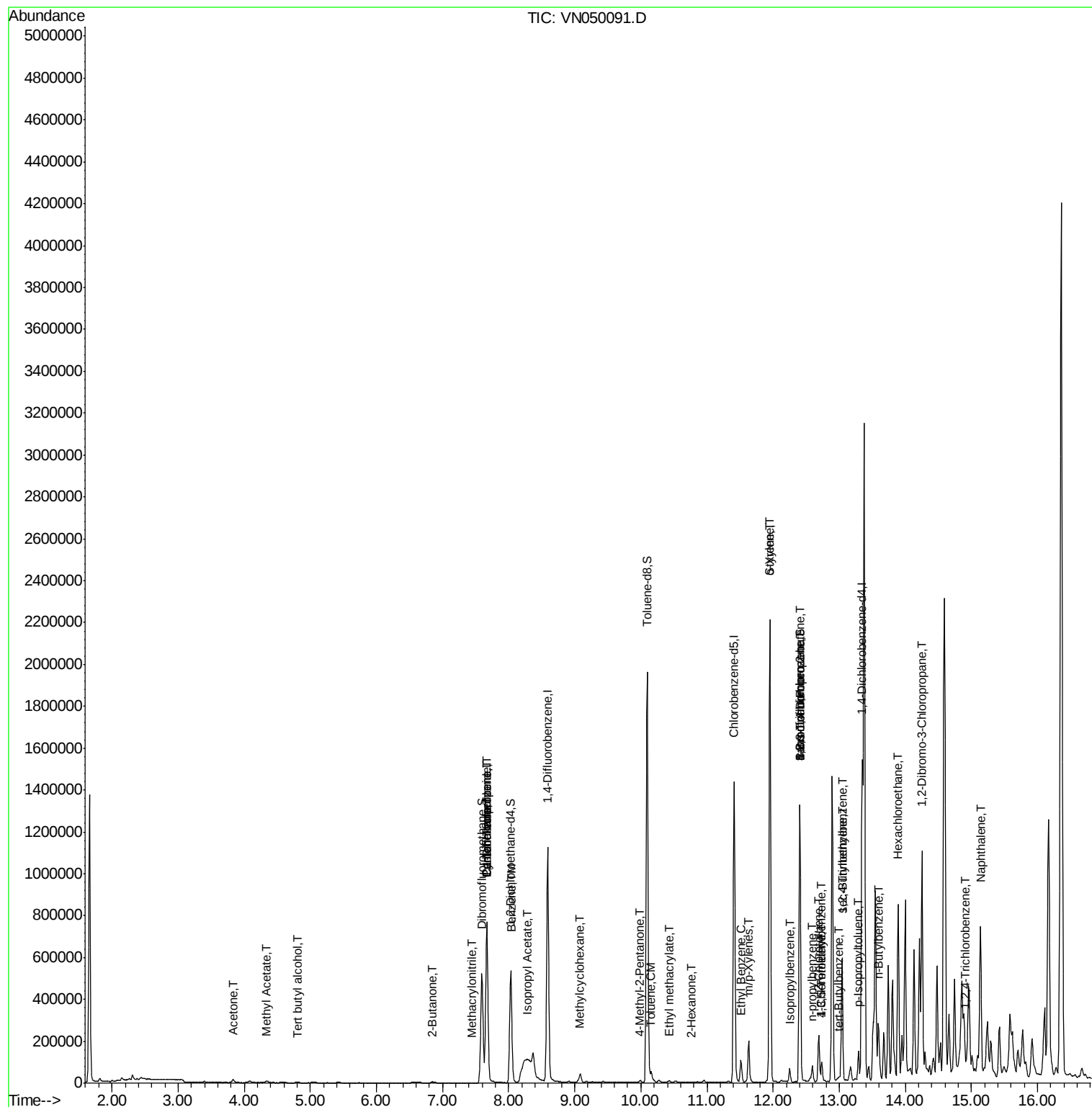
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.60	91	12711	0.62	ug/l #	1
90) Hexachloroethane	13.89	117	44717	8.04	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	4534	2.36	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	171	3.11	ug/l #	75
95) Naphthalene	15.14	128	607892	33.44	ug/l	100

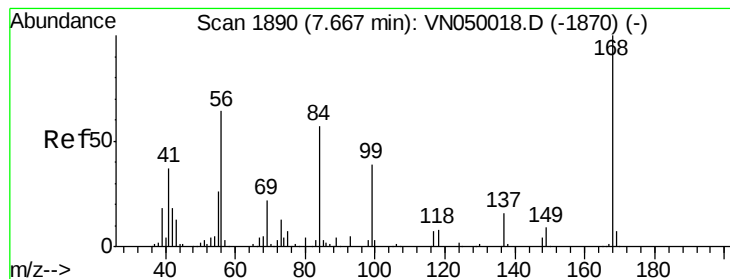
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

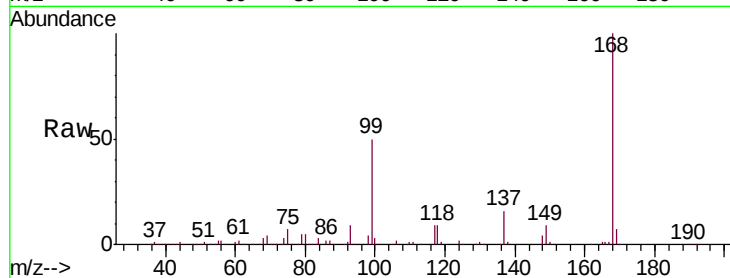
GS-OILY-WATER

Tot Ion:168 Resp: 648960

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

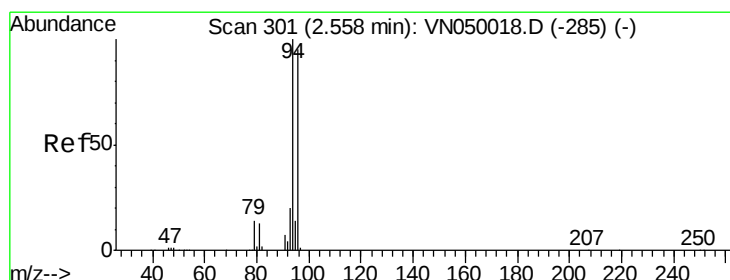
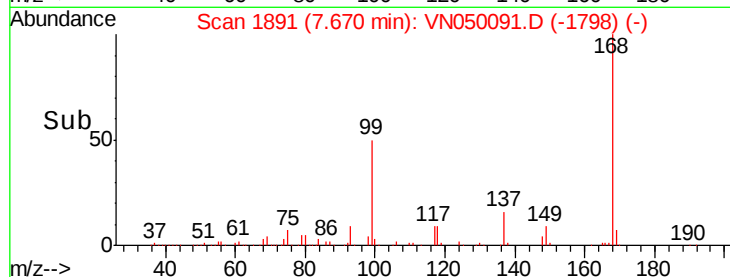
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 295

Delta R.T. -0.01 min

Lab File: VN050091.D

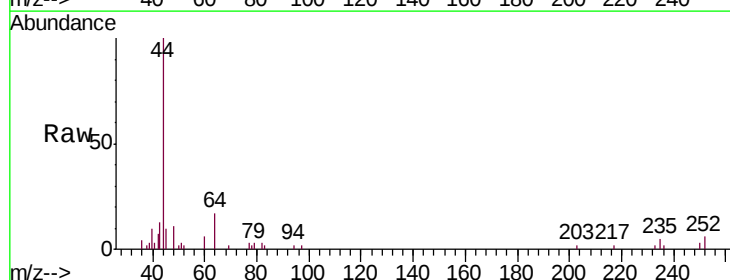
Acq: 26 Jul 2018 18:56

Tgt Ion: 94 Resp: 59

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.54

200

150

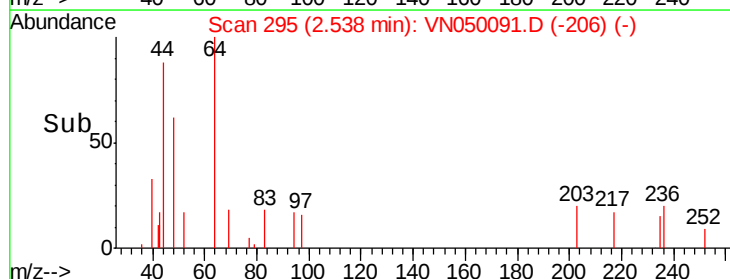
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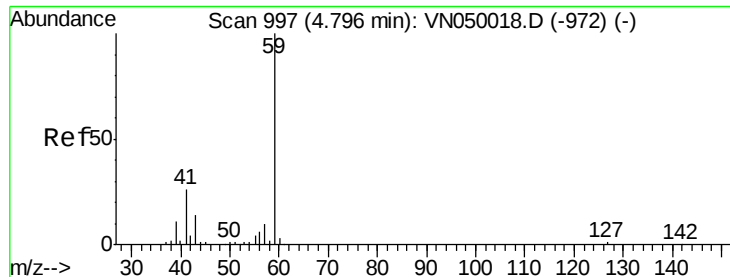
50

0

2.53 2.54 2.55

Time-->

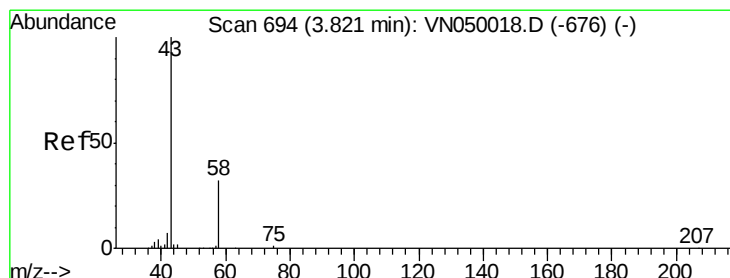
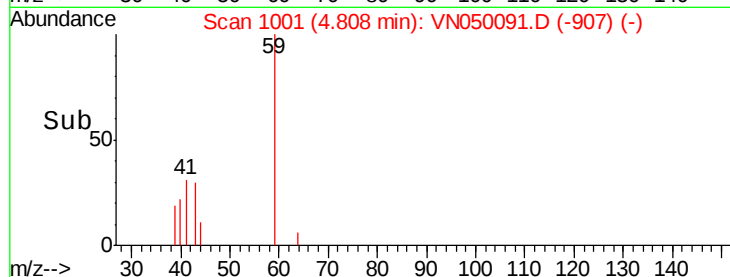
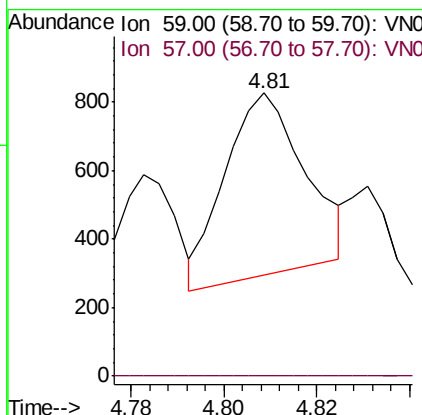
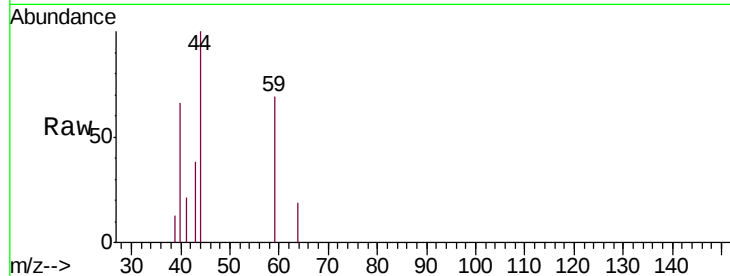




#11
Tert butyl alcohol
Concen: 0.96 ug/l
RT: 4.81 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

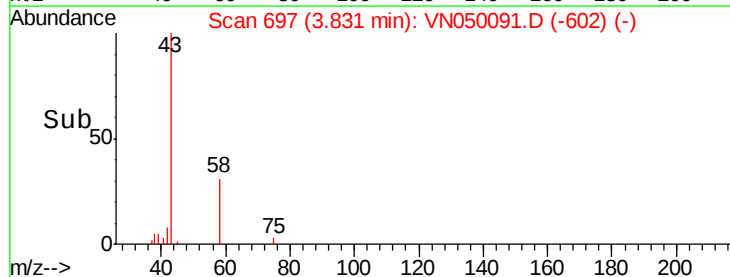
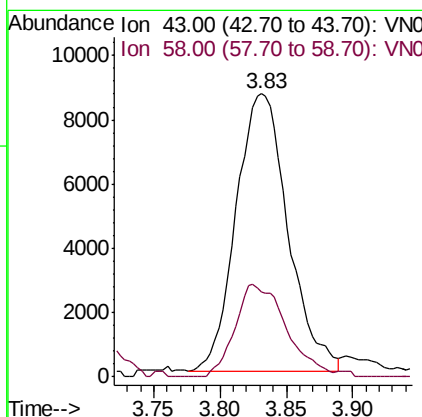
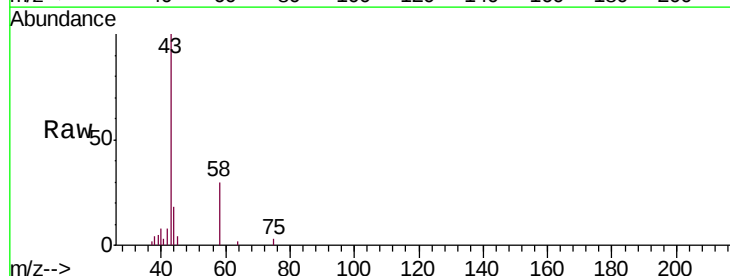
Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

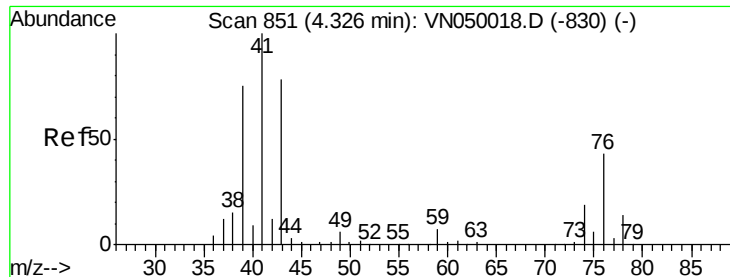
Tot Ion: 59 Resp: 637
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#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

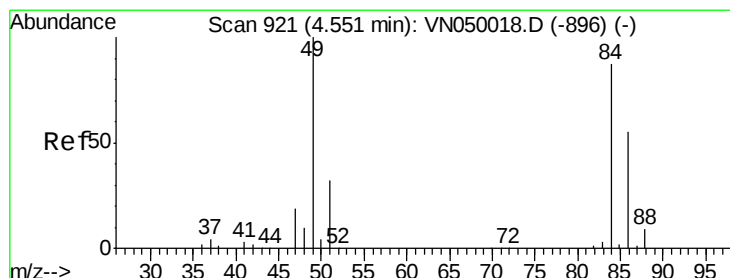
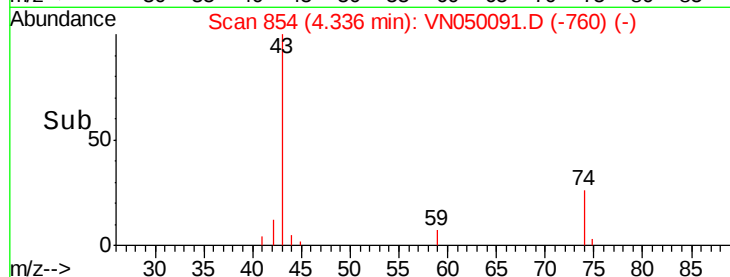
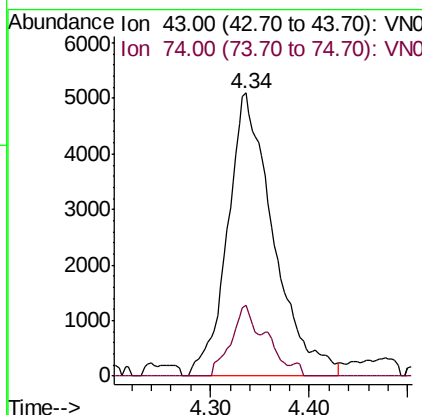
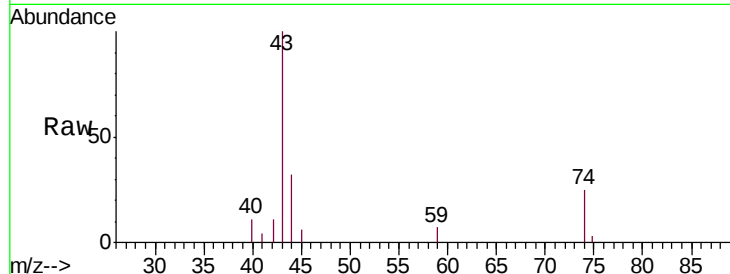




#18
Methyl Acetate
Concen: 0.37 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

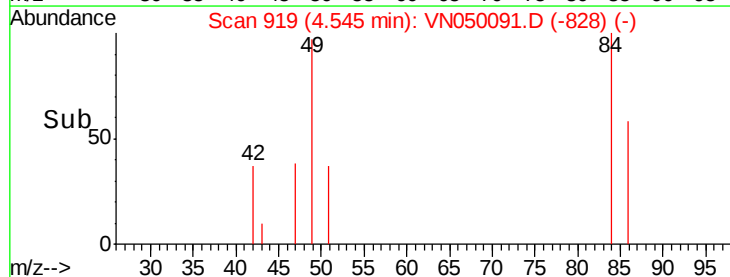
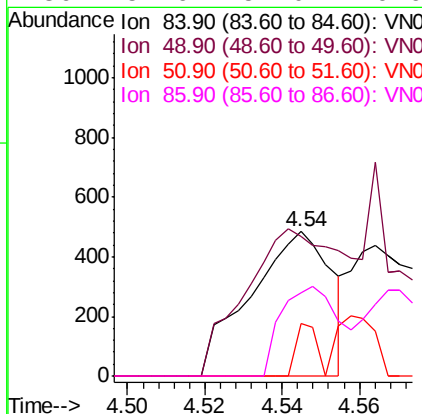
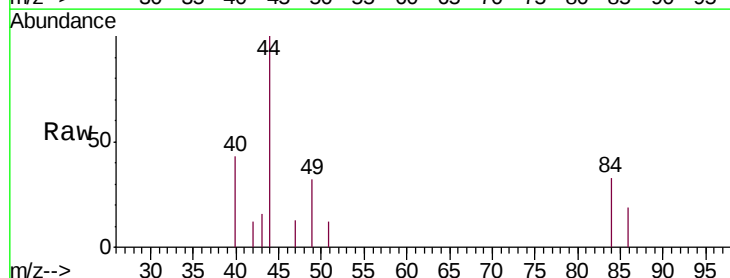
Instrument :
MSVOA_N
ClientSampled :
GS-OILY-WATER

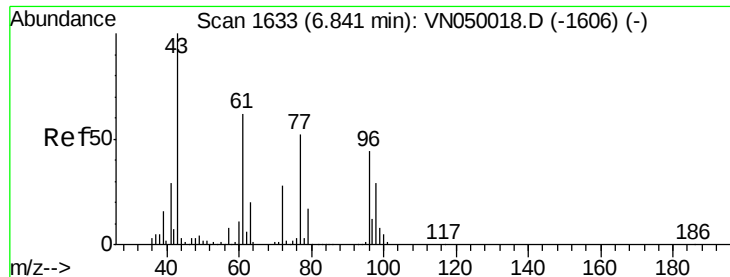
Tot Ion: 43 Resp: 16454
Ion Ratio Lower Upper
43 100
74 12.9 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion: 84 Resp: 705
Ion Ratio Lower Upper
84 100
49 96.9 94.8 142.2
51 36.6 28.3 42.5
86 57.6 51.0 76.6





#25

2-Butanone

Concen: 1.42 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampleId :

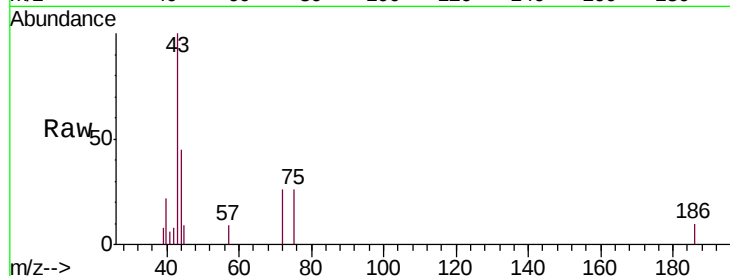
GS-OILY-WATER

Tot Ion: 43 Resp: 4917

Ion Ratio Lower Upper

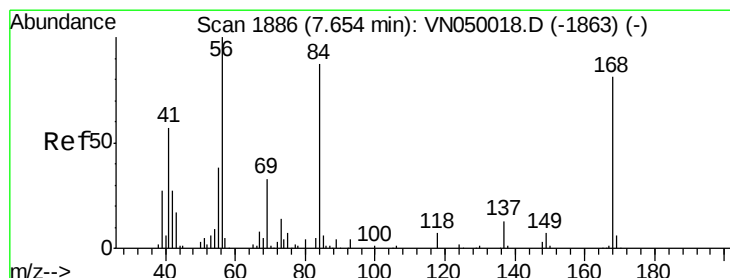
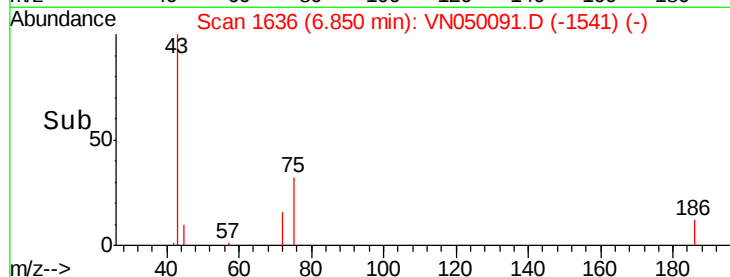
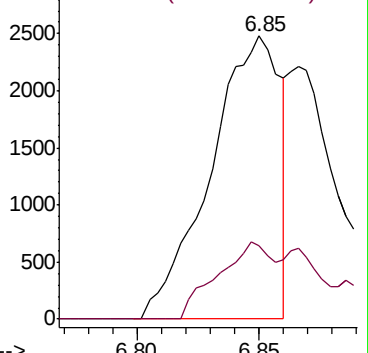
43 100

72 25.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-1606) (-)

Ion 72.00 (71.70 to 72.70): VN050018.D (-1606) (-)



#31

Cyclohexane

Concen: 1.24 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

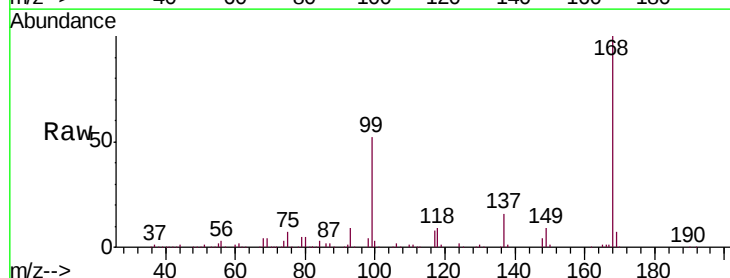
Tgt Ion: 56 Resp: 16324

Ion Ratio Lower Upper

56 100

69 154.4 26.2 39.4#

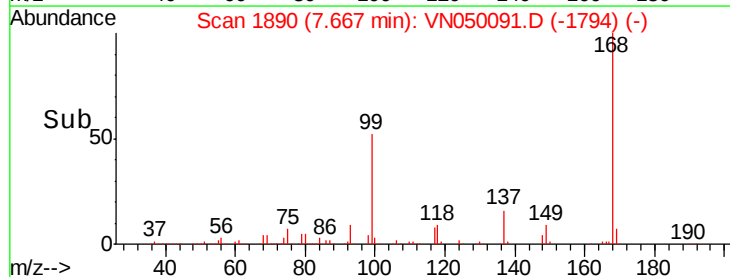
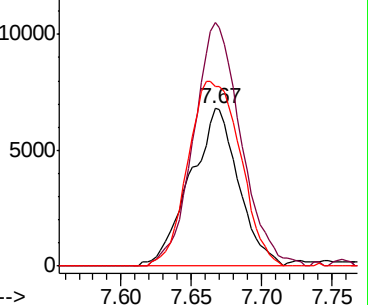
84 114.2 67.4 101.0#

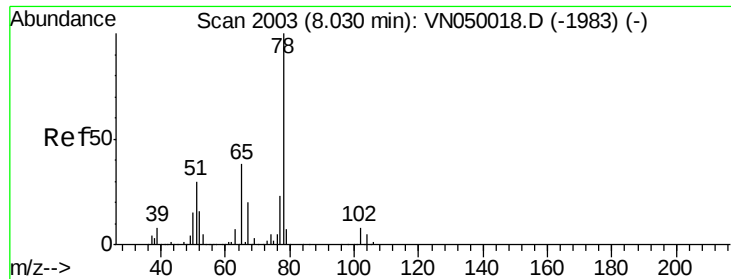


Abundance Ion 56.00 (55.70 to 56.70): VN050018.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN050018.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN050018.D (-1863) (-)

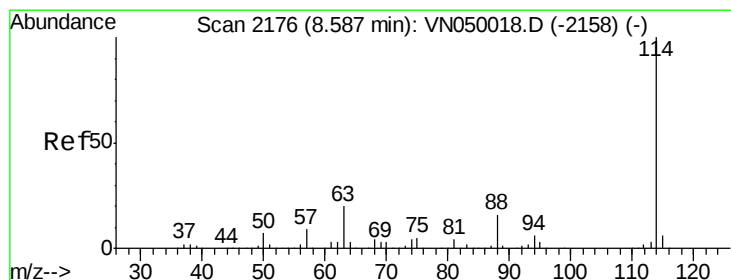
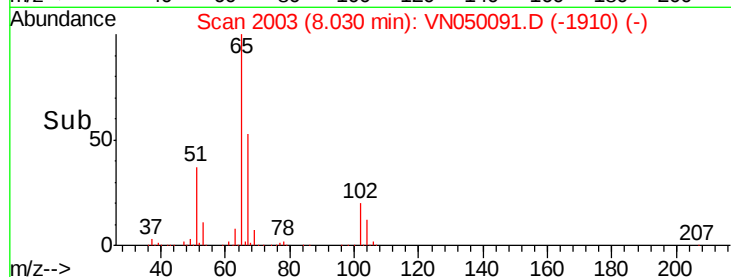
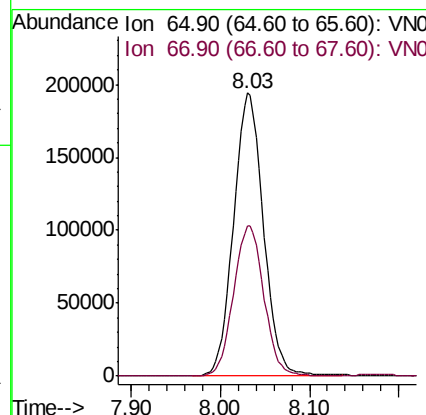
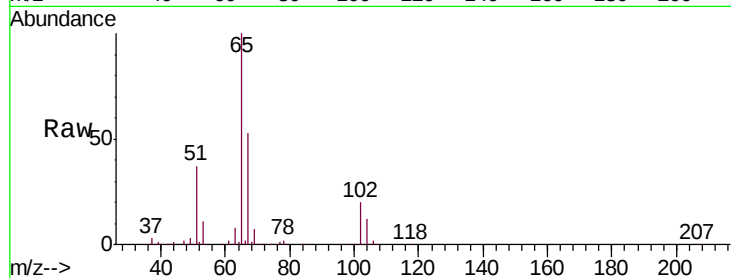




#33
 1,2-Dichloroethane-d4
 Concen: 49.89 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

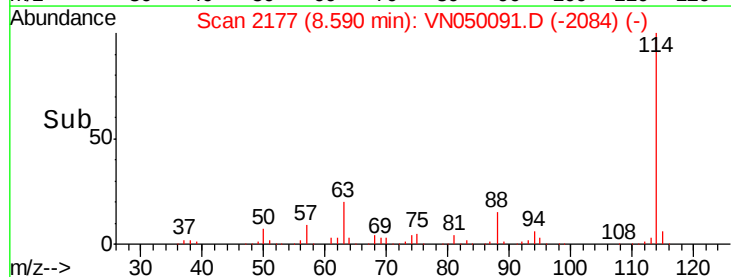
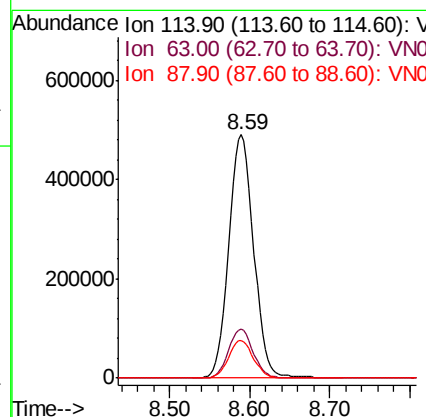
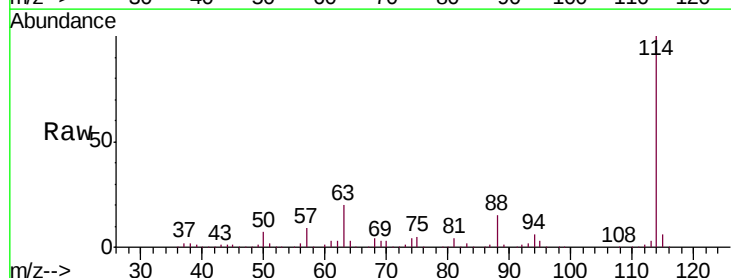
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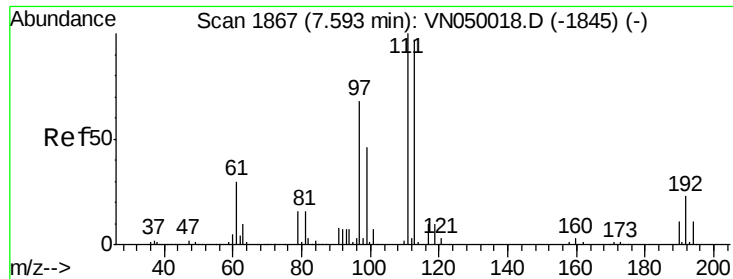
Tot Ion: 65 Resp: 451753
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#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

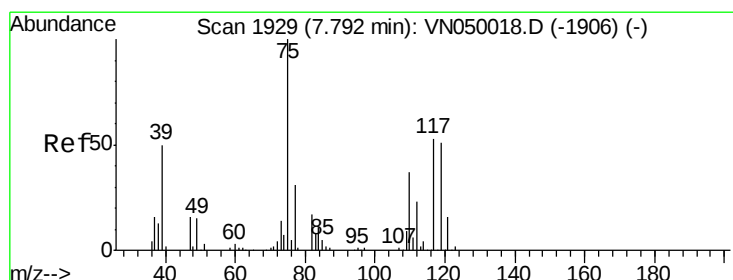
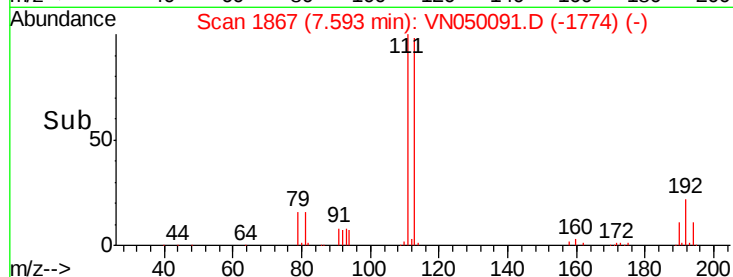
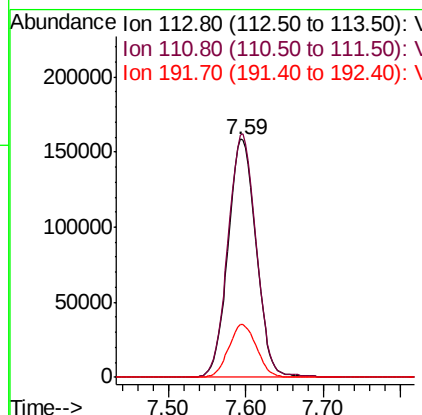
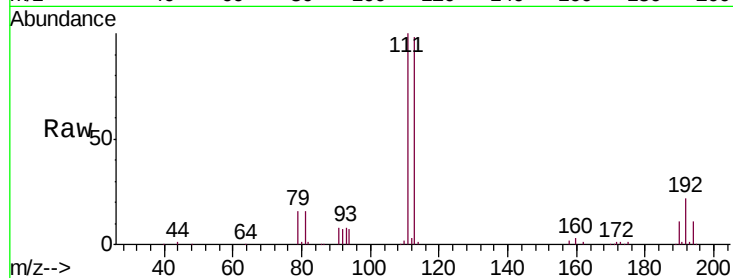




#35
Dibromofluoromethane
Concen: 46.55 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

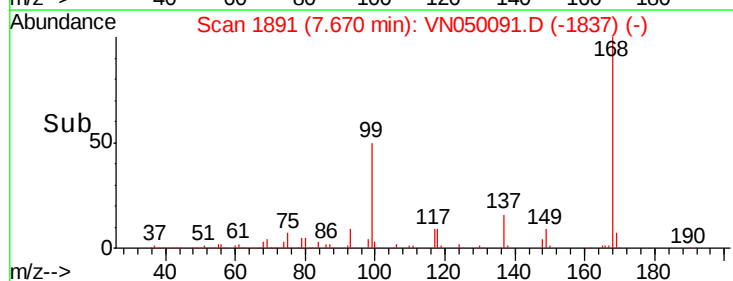
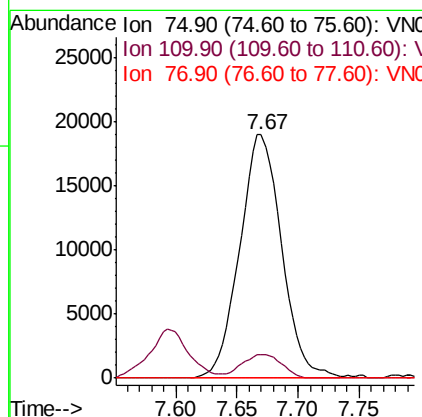
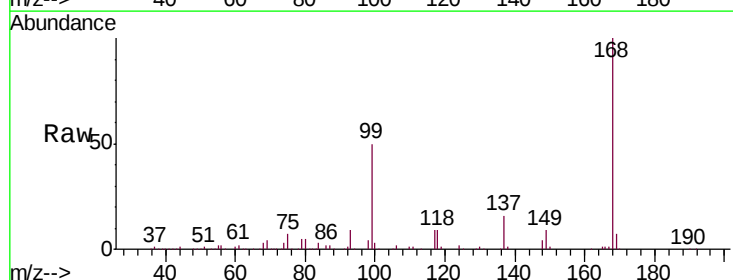
Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

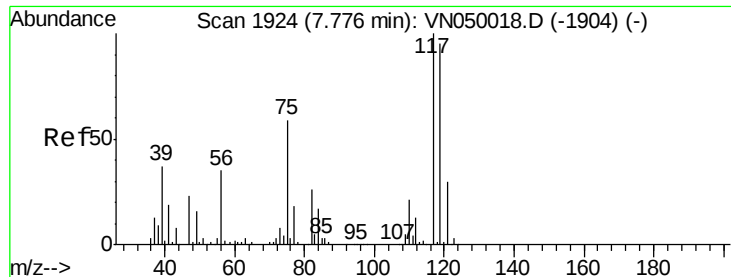
Tot Ion:113 Resp: 398282
Ion Ratio Lower Upper
113 100
111 102.5 80.7 121.1
192 22.0 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.82 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.13 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion: 75 Resp: 45086
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 25.3 37.9#

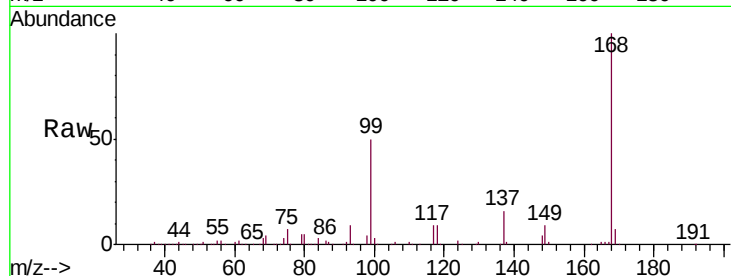




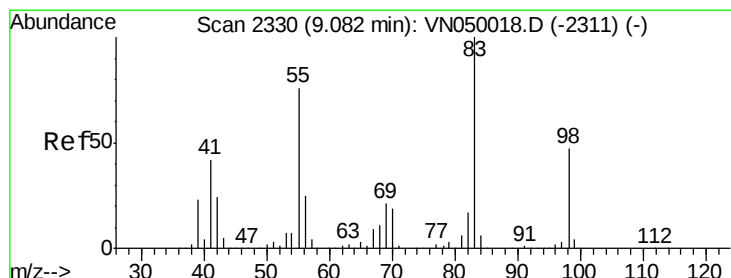
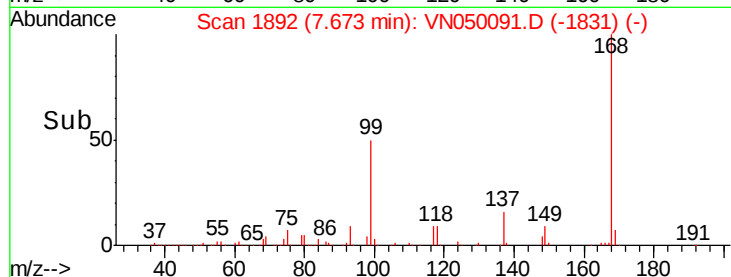
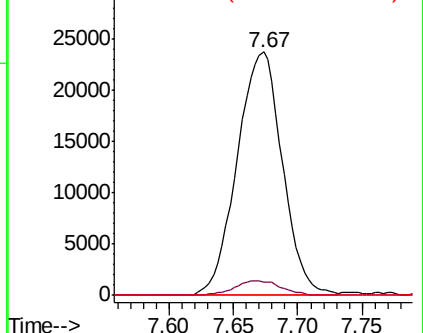
#38
Carbon Tetrachloride
Concen: 4.63 ug/l
RT: 7.67 min Scan# 1892
Delta R.T. -0.10 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

Tot Ion:117 Resp: 58051
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 23.9 35.9#

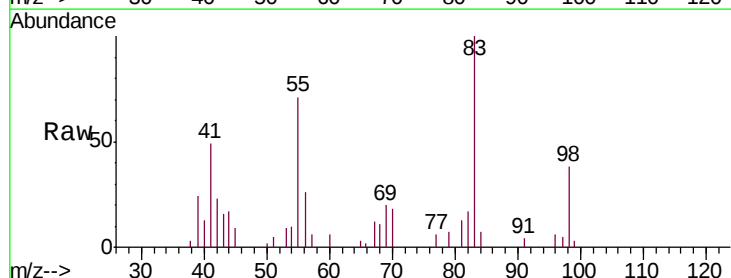


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

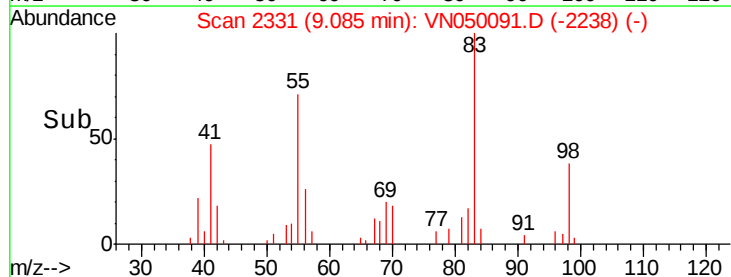
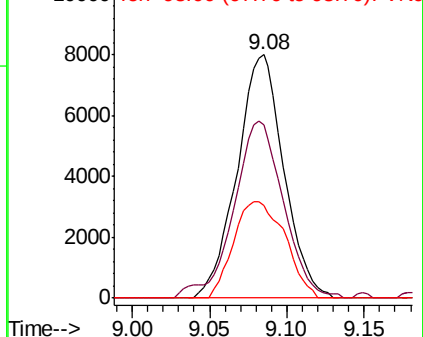


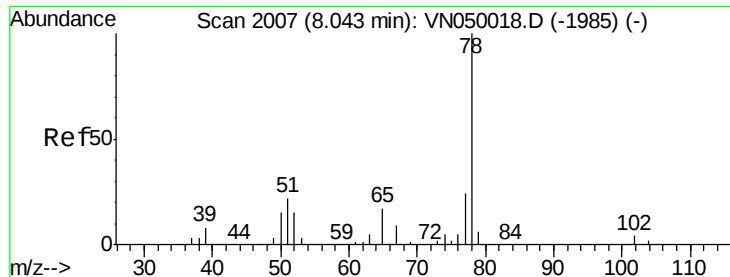
#39
Methylcyclohexane
Concen: 1.39 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion: 83 Resp: 16839
Ion Ratio Lower Upper
83 100
55 69.3 61.8 92.8
98 38.0 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 0.48 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampleId :

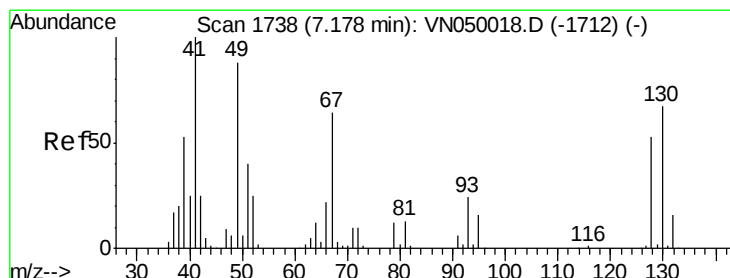
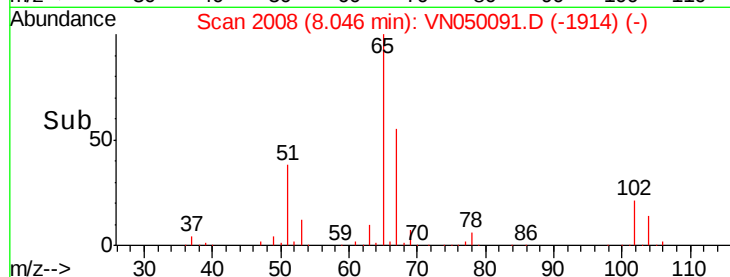
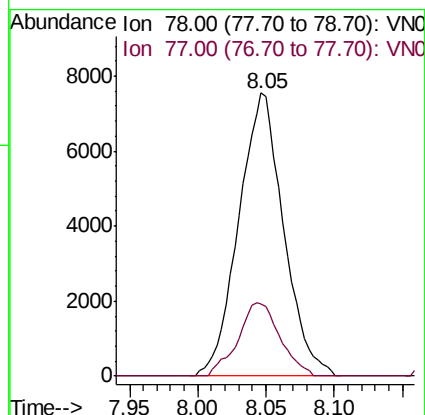
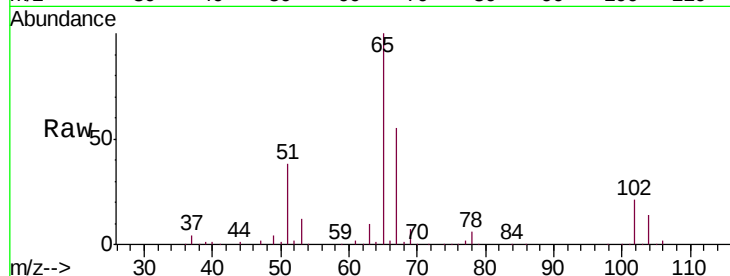
GS-OILY-WATER

Tot Ion: 78 Resp: 17224

Ion Ratio Lower Upper

78 100

77 25.7 18.7 28.1



#41

Methacrylonitrile

Concen: 2.76 ug/l

RT: 7.45 min Scan# 1823

Delta R.T. 0.28 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Tgt Ion: 41 Resp: 31

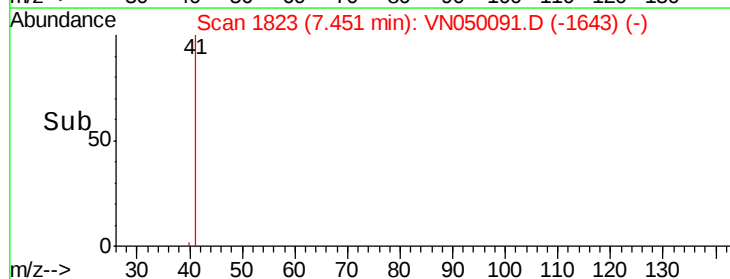
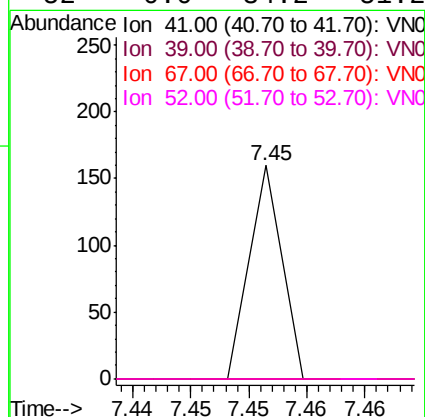
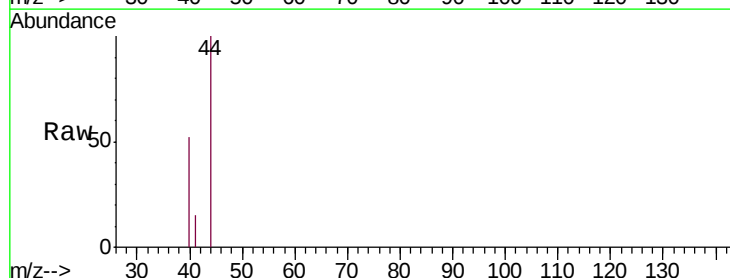
Ion Ratio Lower Upper

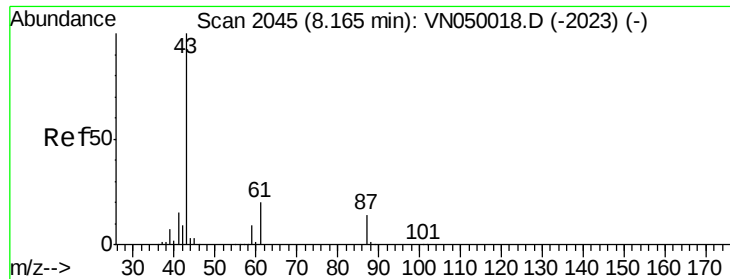
41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#



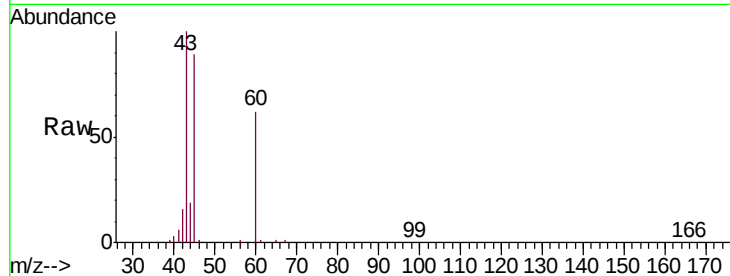


#43

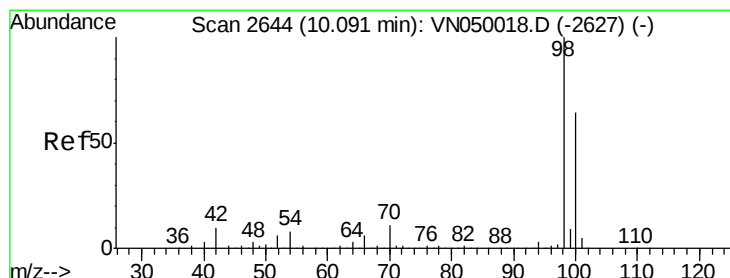
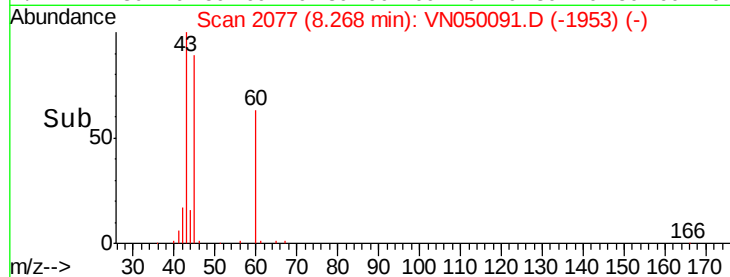
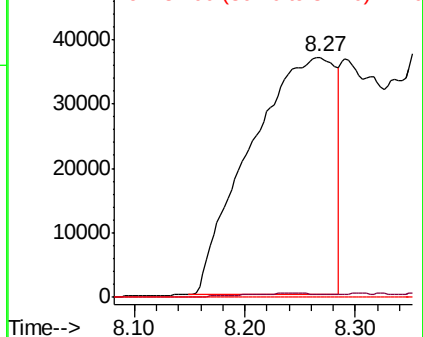
Isopropyl Acetate
 Concen: 11.80 ug/l
 RT: 8.27 min Scan# 2077
 Delta R.T. 0.10 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 GS-OILY-WATER

Tot Ion: 43 Resp: 196513
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.8 23.6#
 87 0.0 10.3 15.5#



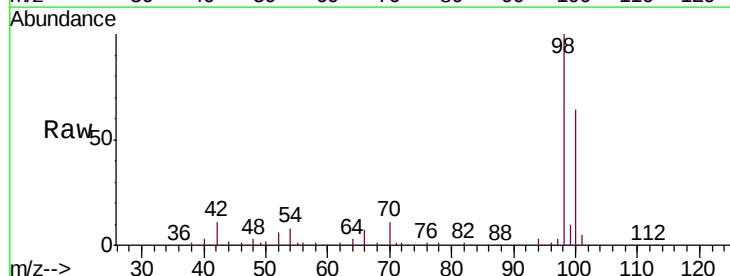
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



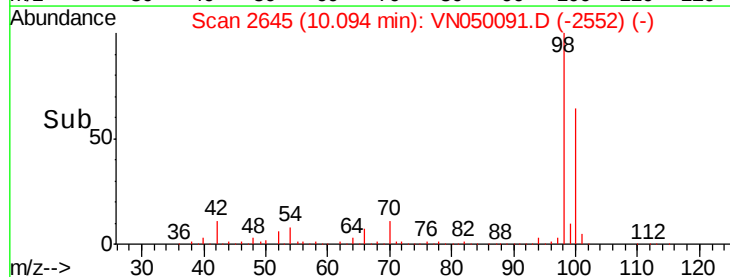
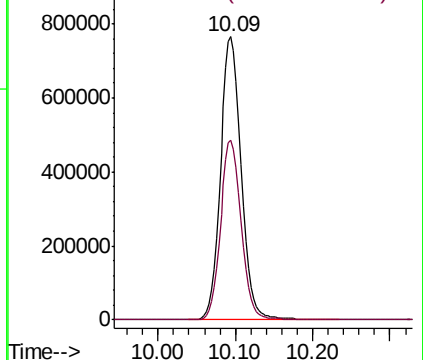
#50

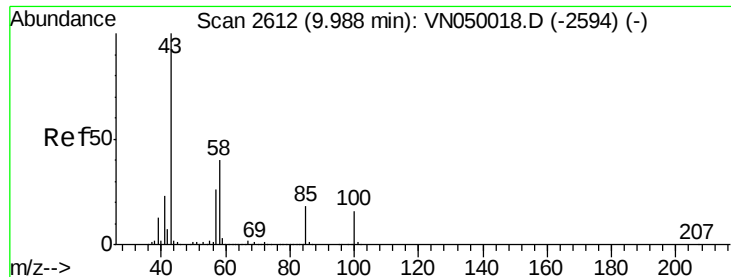
Toluene-d8
 Concen: 45.39 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. -0.00 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

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



Abundance Ion 98.00 (97.70 to 98.70): VNO
 Ion 100.00 (99.70 to 100.70): VNO





#51

4-Methyl-2-Pentanone

Concen: 0.74 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. -0.00 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampleId :

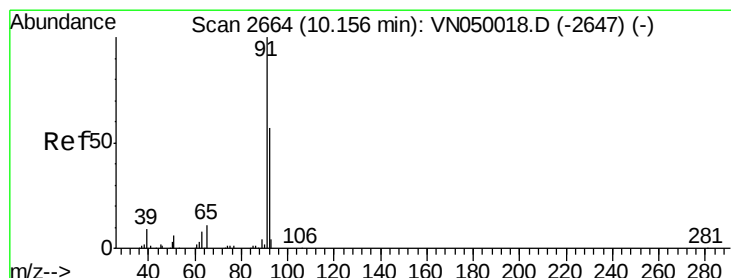
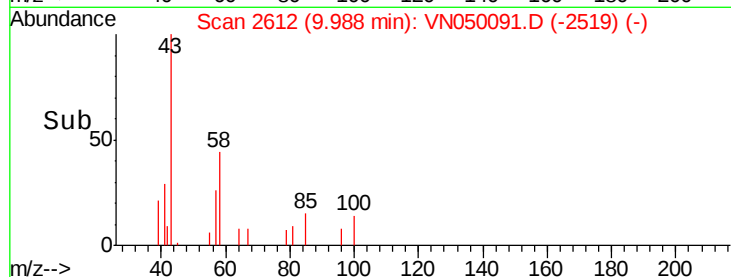
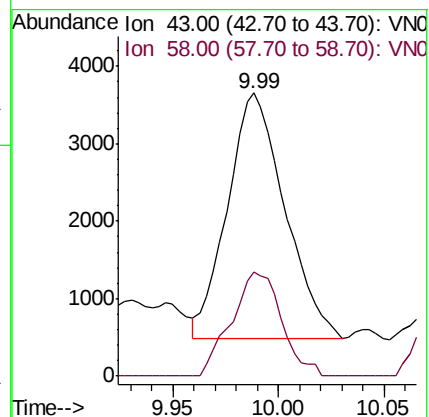
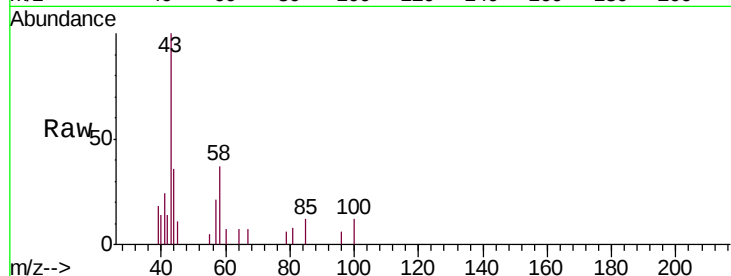
GS-OILY-WATER

Tot Ion: 43 Resp: 5966

Ion Ratio Lower Upper

43 100

58 37.1 31.9 47.9



#52

Toluene

Concen: 0.78 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.00 min

Lab File: VN050091.D

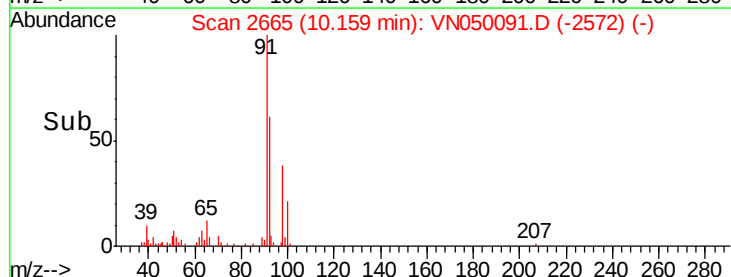
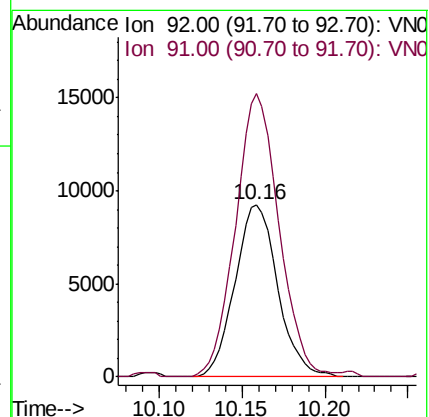
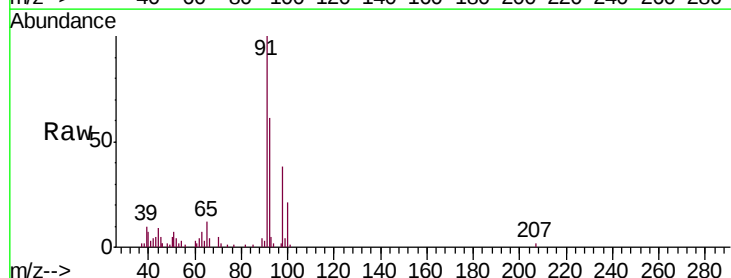
Acq: 26 Jul 2018 18:56

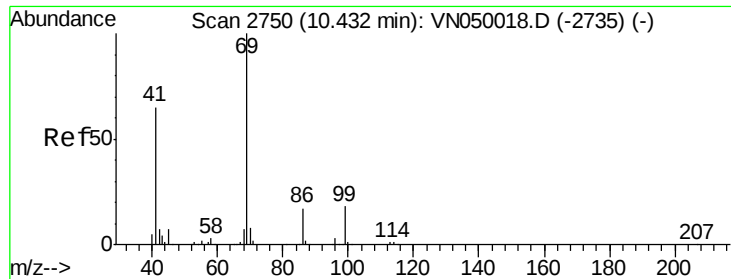
Tgt Ion: 92 Resp: 16573

Ion Ratio Lower Upper

92 100

91 167.6 140.3 210.5

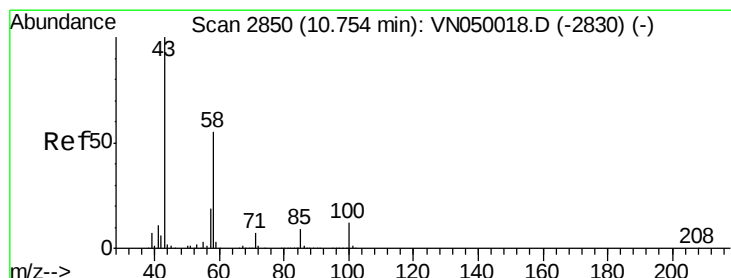
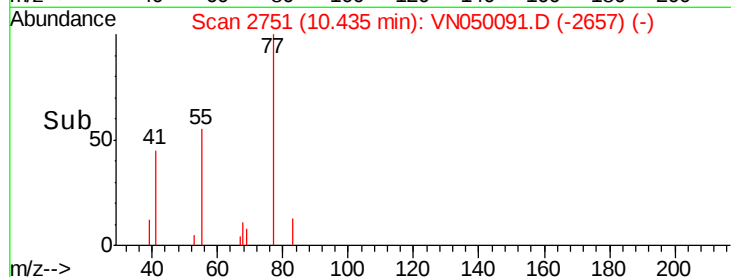
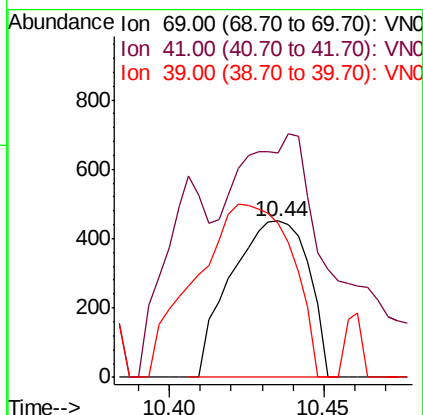
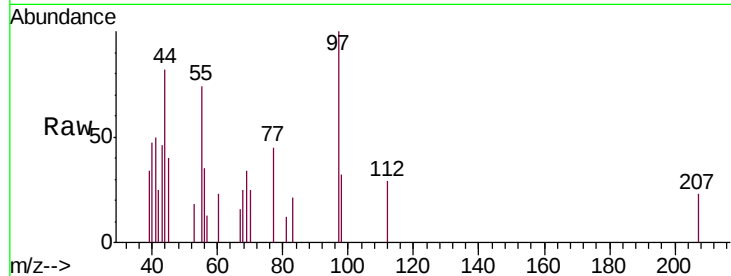




#56
Ethyl methacrylate
Concen: 2.10 ug/l
RT: 10.44 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

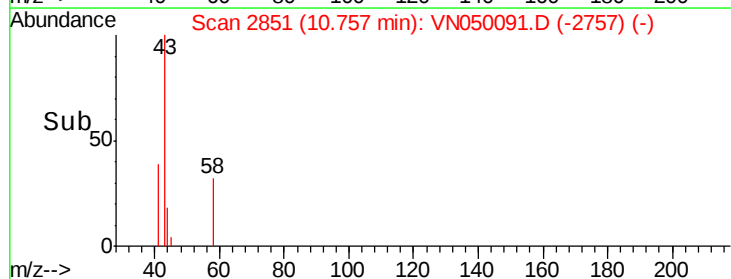
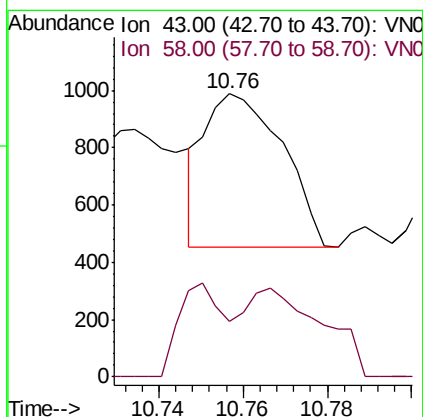
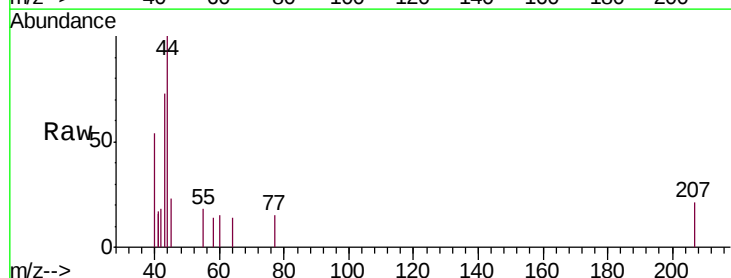
Instrument :
MSVOA_N
ClientSampled :
GS-OILY-WATER

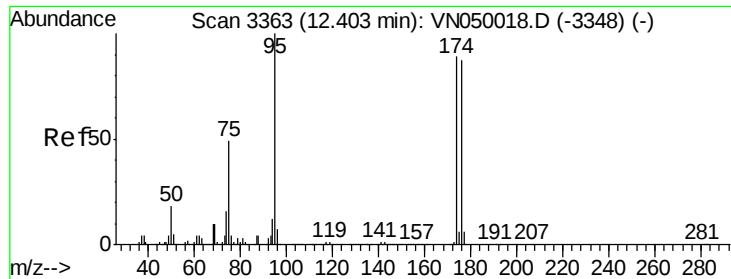
Tot Ion: 69 Resp: 789
Ion Ratio Lower Upper
69 100
41 143.1 51.0 76.4#
39 137.5 26.6 40.0#



#59
2-Hexanone
Concen: 5.29 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
58 35.2 27.6 82.7

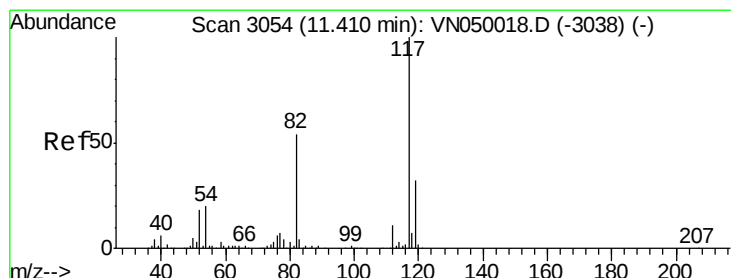
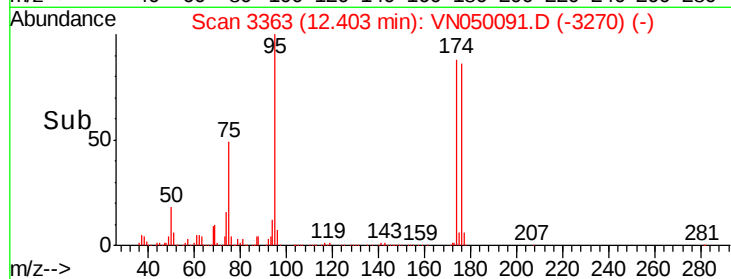
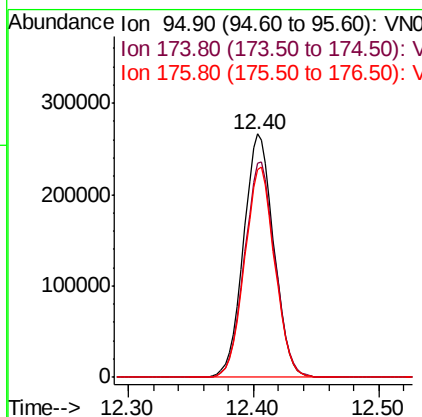
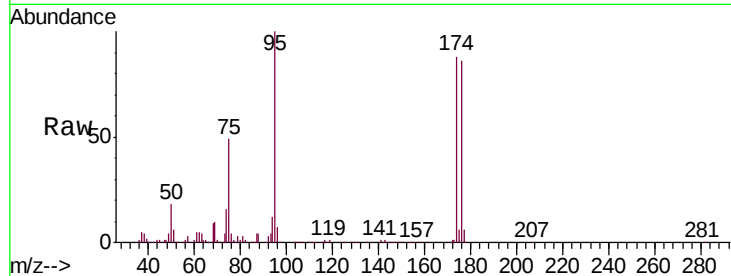




#62
4-Bromofluorobenzene
Concen: 43.12 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

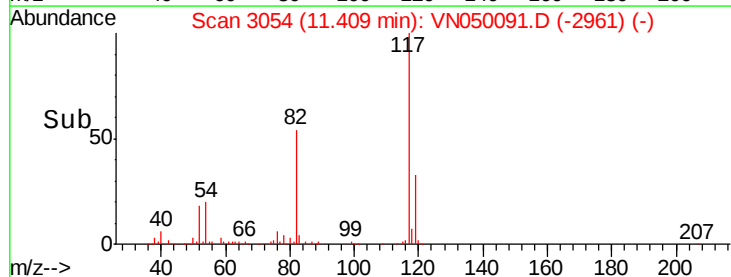
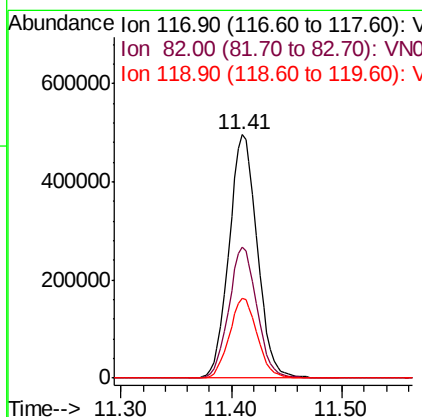
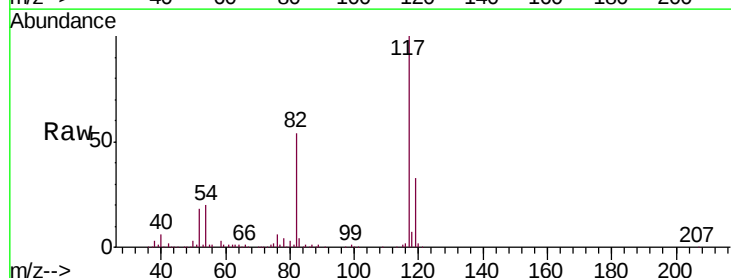
Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

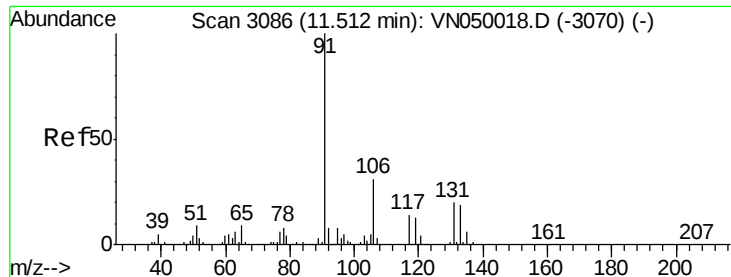
Tot Ion: 95 Resp: 446619
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.2
176 86.1 0.0 173.4



#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: 117 Resp: 880347
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.6 26.1 39.1

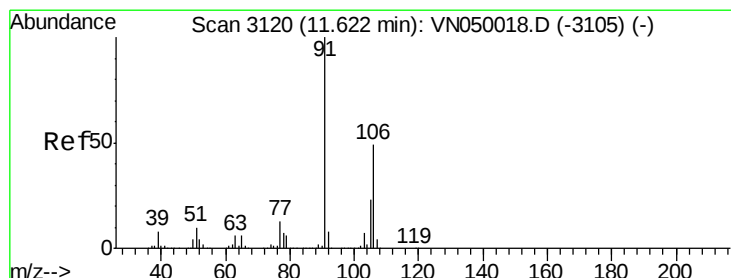
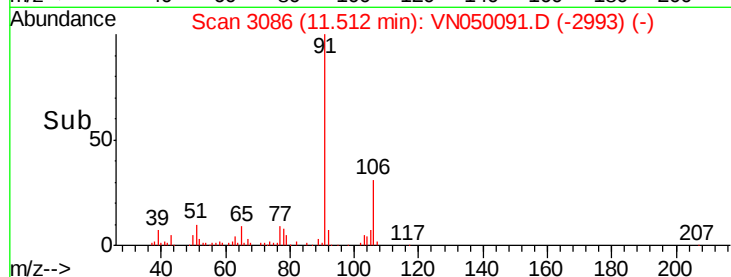
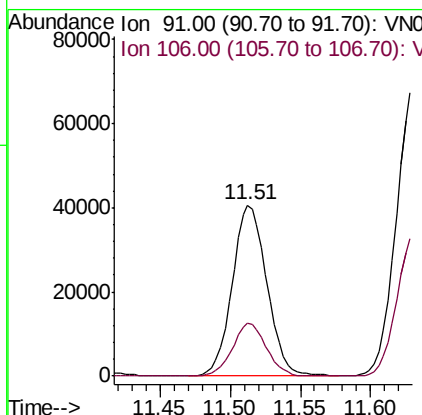
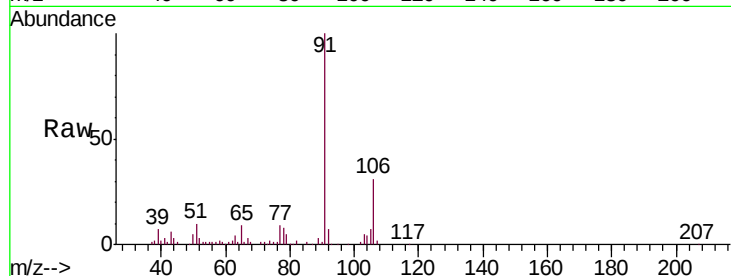




#67
Ethyl Benzene
Concen: 1.96 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

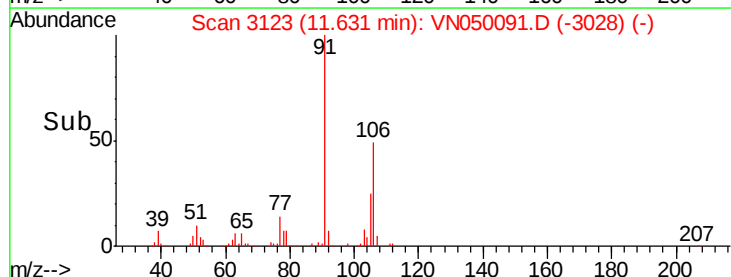
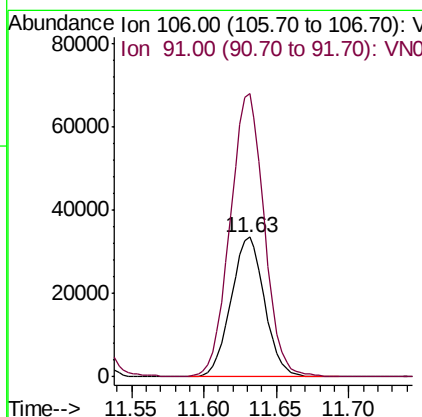
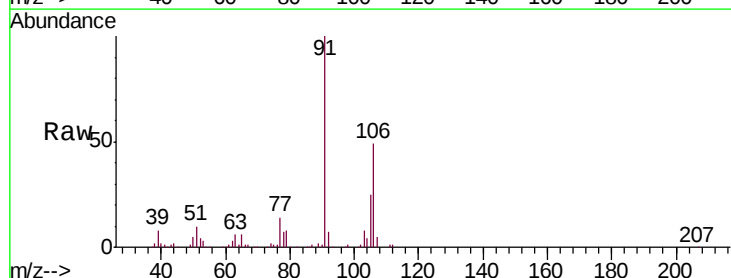
Instrument :
MSVOA_N
ClientSampled :
GS-OILY-WATER

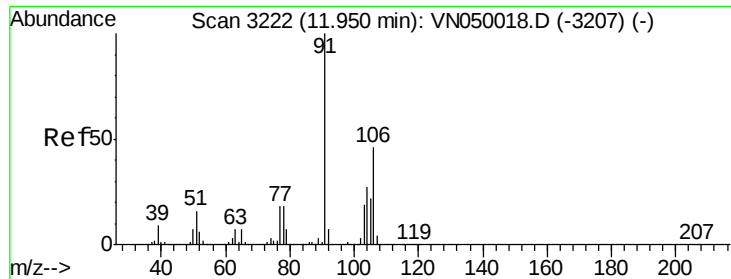
Tot Ion: 91 Resp: 69870
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4



#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

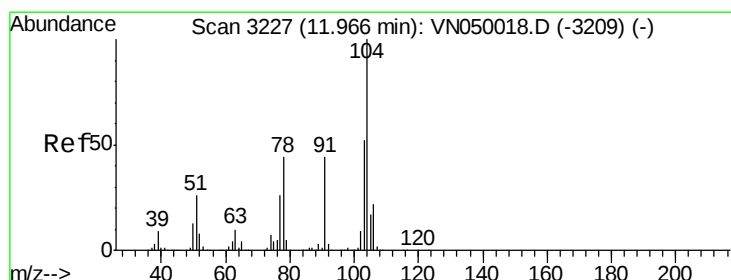
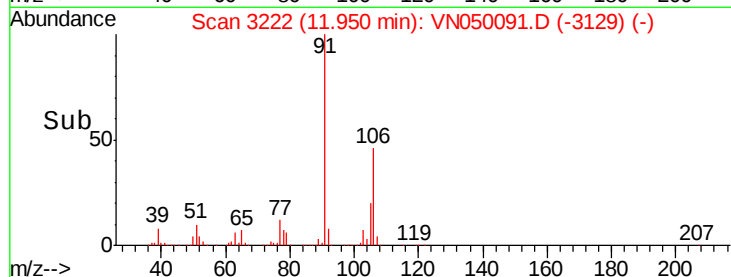
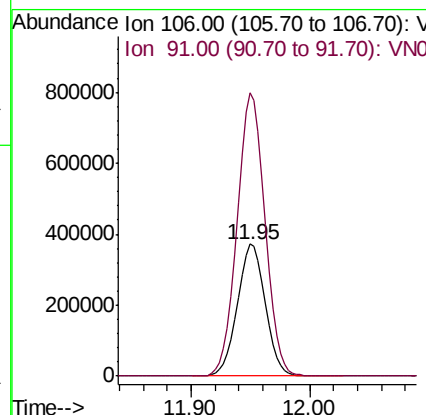
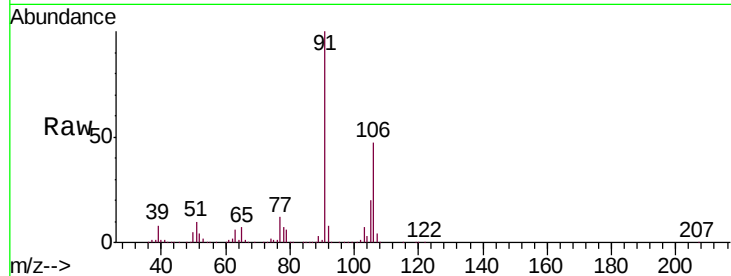




#69
o-Xylene
Concen: 46.95 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

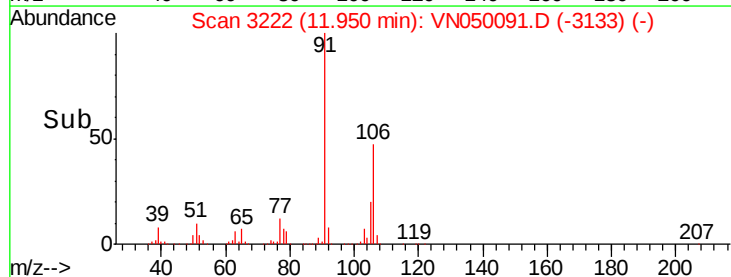
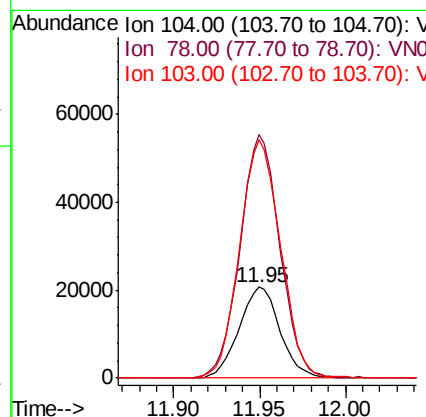
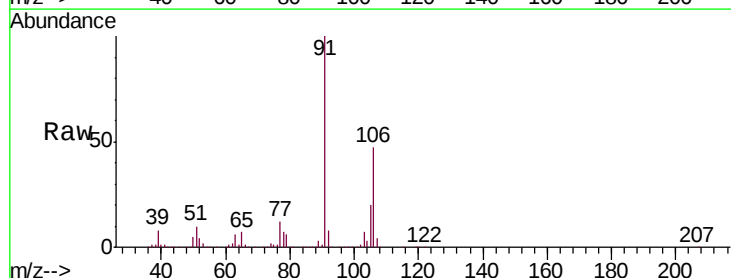
Instrument :
MSVOA_N
ClientSampled :
GS-OILY-WATER

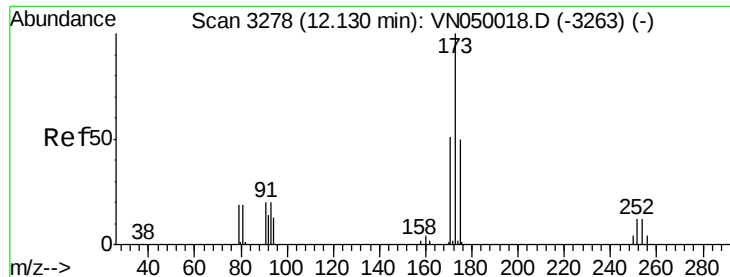
Tot Ion:106 Resp: 604732
Ion Ratio Lower Upper
106 100
91 213.9 107.7 323.1



#70
Styrene
Concen: 2.39 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.02 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion:104 Resp: 34157
Ion Ratio Lower Upper
104 100
78 260.2 39.3 58.9#
103 261.2 45.0 67.6#





#71

Bromoform

Concen: 0.47 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampleId :

GS-OILY-WATER

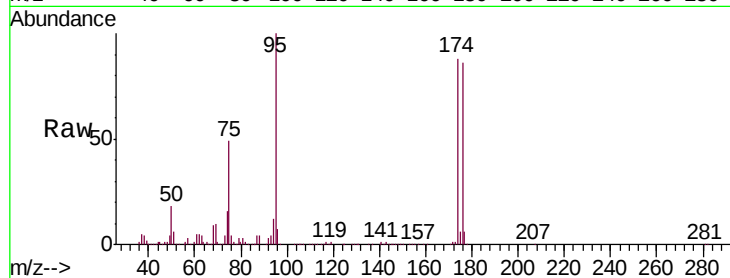
Tot Ion:173 Resp: 2912

Ion Ratio Lower Upper

173 100

175 871.5 24.1 72.2#

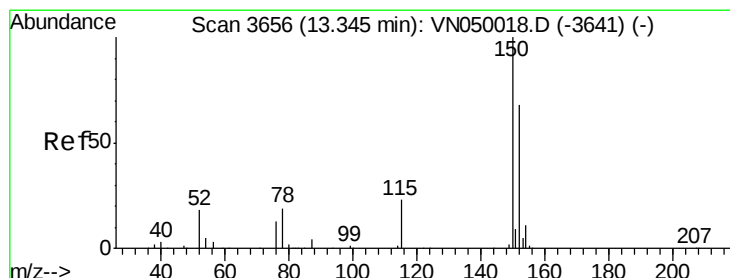
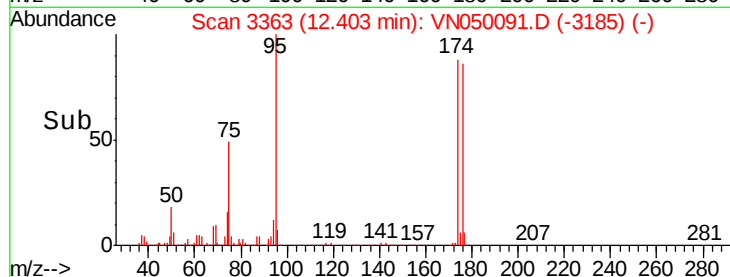
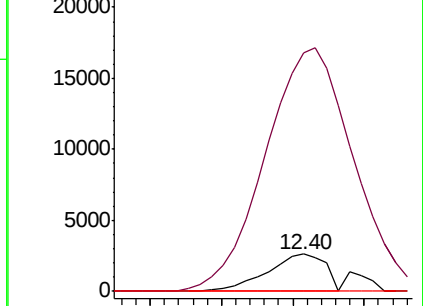
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#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

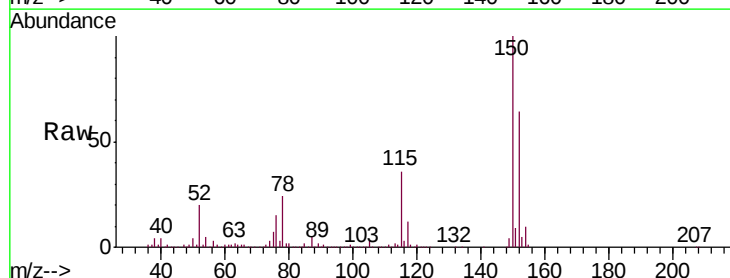
Tgt Ion:152 Resp: 418143

Ion Ratio Lower Upper

152 100

115 73.1 27.8 83.3

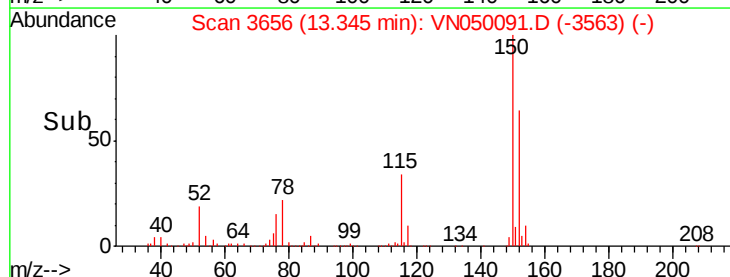
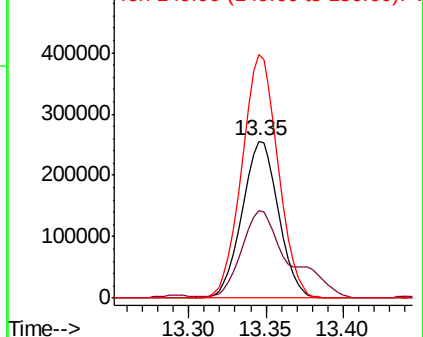
150 154.4 0.0 348.6

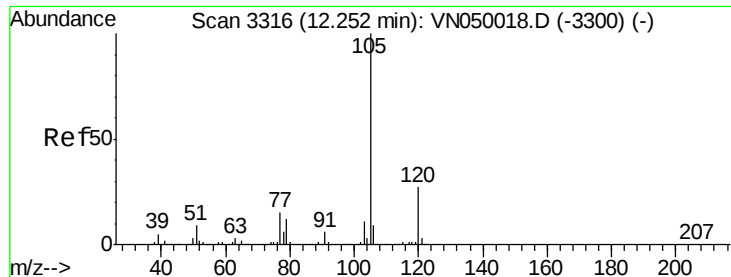


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.25 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

ClientSampleId :

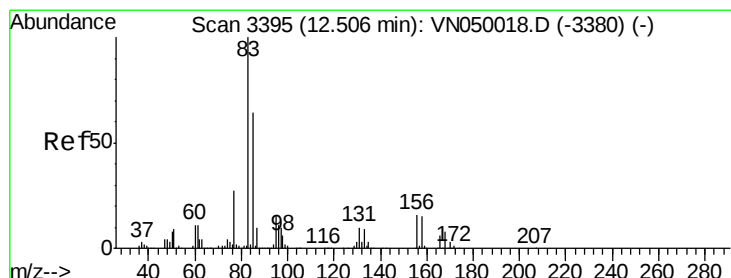
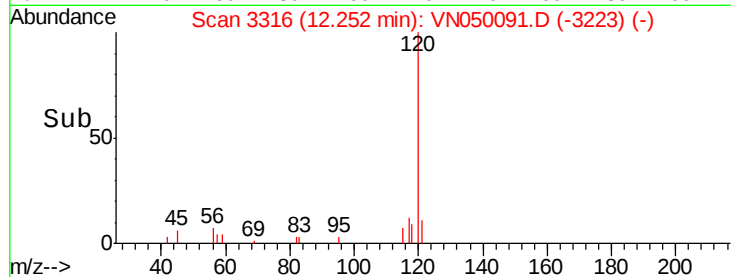
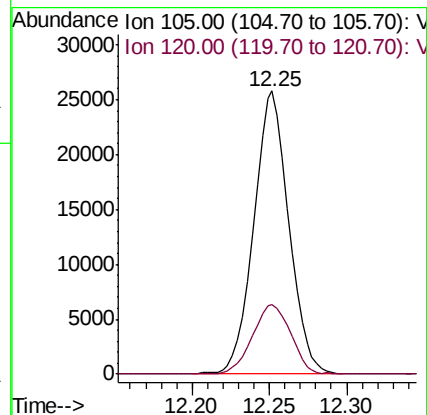
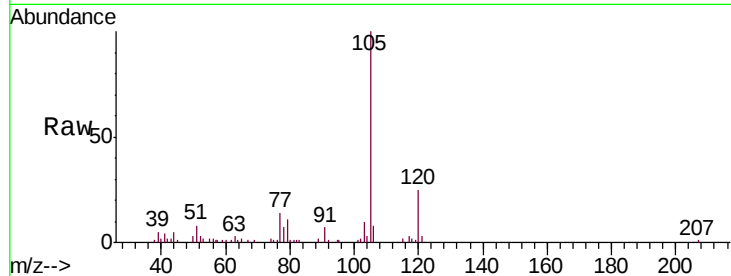
GS-OILY-WATER

Tot Ion:105 Resp: 40674

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3391

Delta R.T. -0.01 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

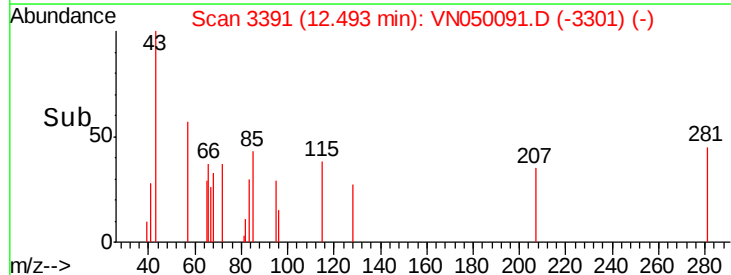
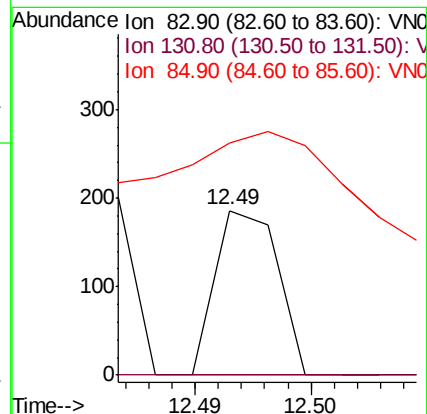
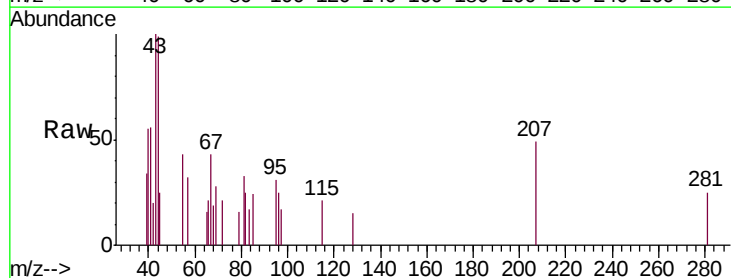
Tgt Ion: 83 Resp: 69

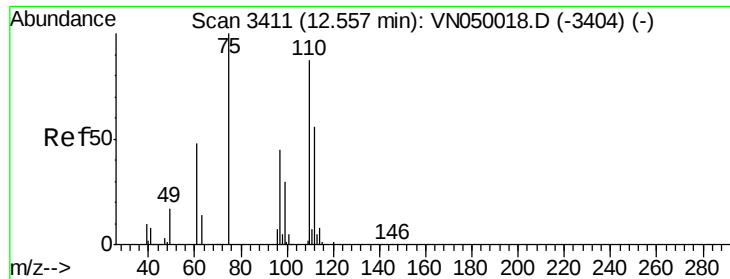
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 618.8 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 28.03 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampled :

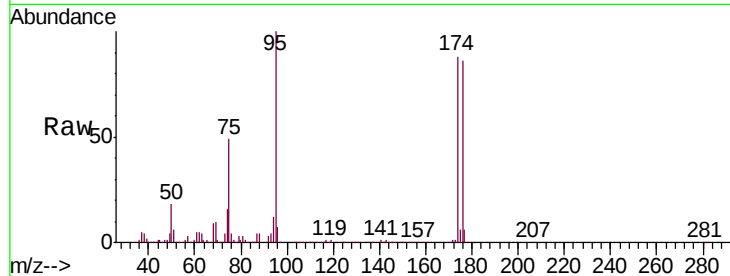
GS-OILY-WATER

Tot Ion: 75 Resp: 217792

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050091.D (-3363) (-)

Ion 77.00 (76.70 to 77.70): VN050091.D (-3363) (-)

150000

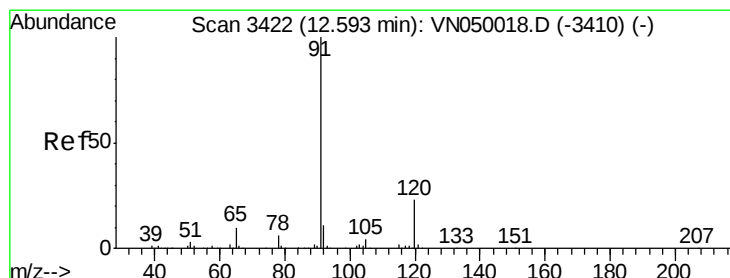
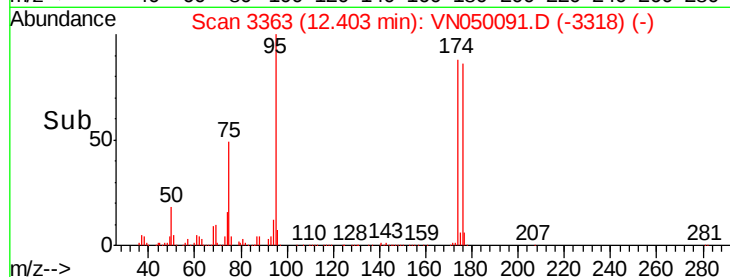
100000

50000

0

12.35 12.40 12.45 12.50

Time-->



#78

n-propylbenzene

Concen: 1.54 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050091.D

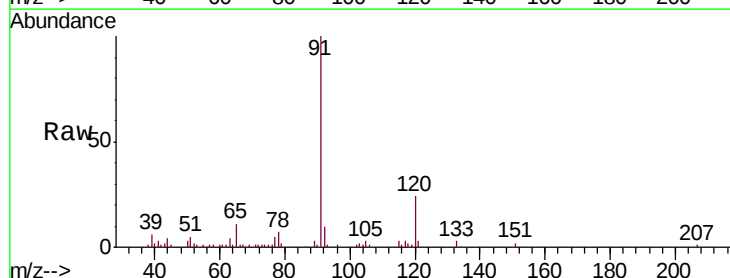
Acq: 26 Jul 2018 18:56

Tgt Ion: 91 Resp: 55817

Ion Ratio Lower Upper

91 100

120 24.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN050091.D (-3422) (-)

Ion 120.00 (119.70 to 120.70): VN050091.D (-3422) (-)

40000

30000

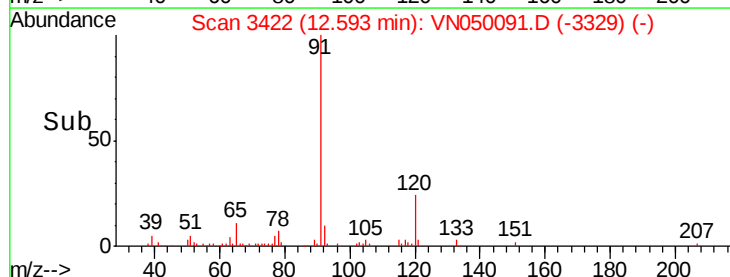
20000

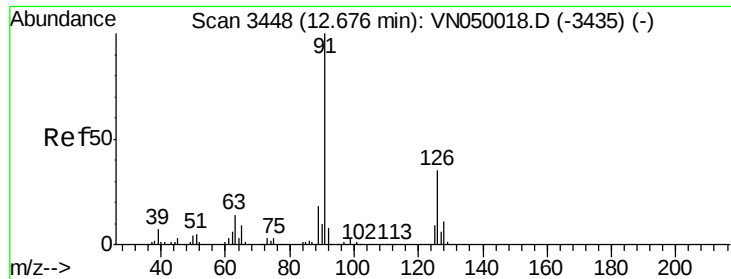
10000

0

12.55 12.60 12.65

Time-->

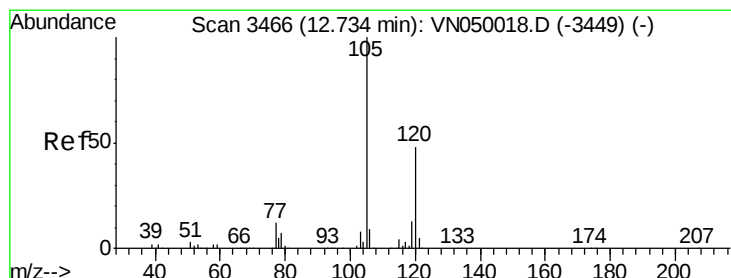
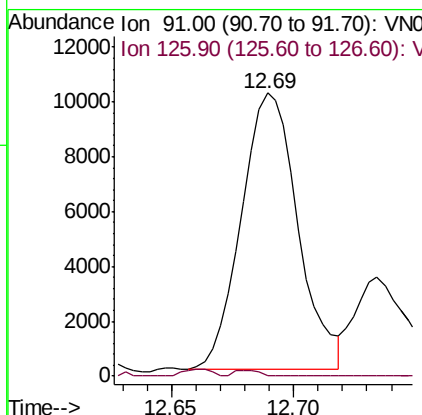
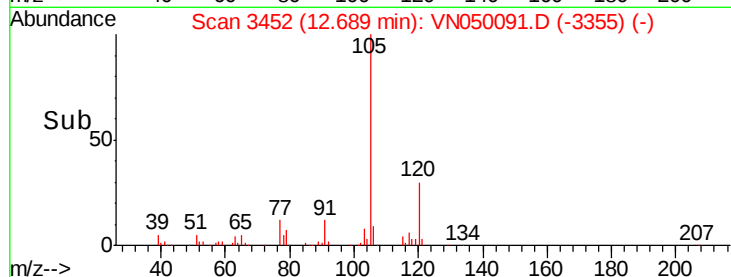
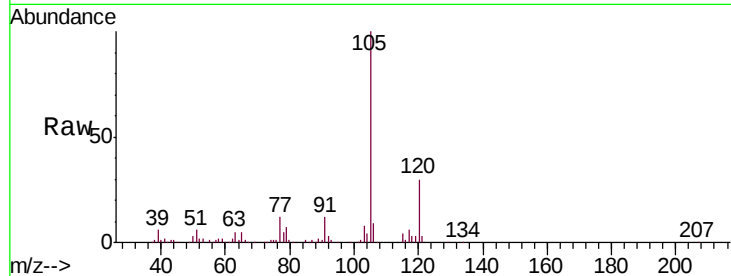




#79
 2-Chlorotoluene
 Concen: 0.72 ug/l
 RT: 12.69 min Scan# 3452
 Delta R.T. 0.01 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

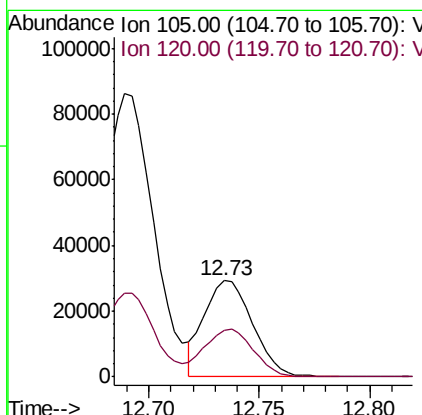
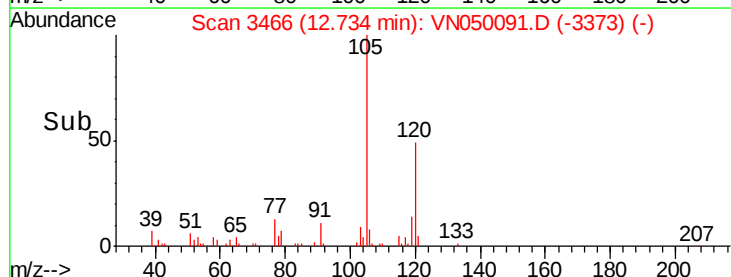
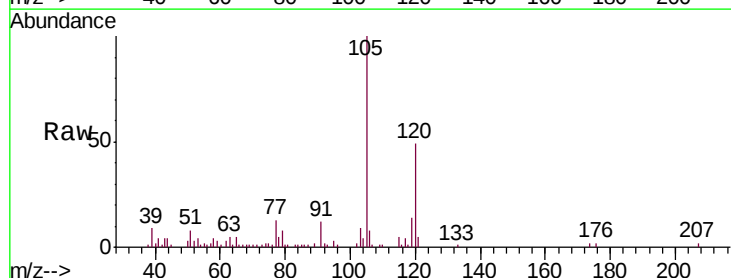
Instrument :
 MSVOA_N
 ClientSampleId :
 GS-OILY-WATER

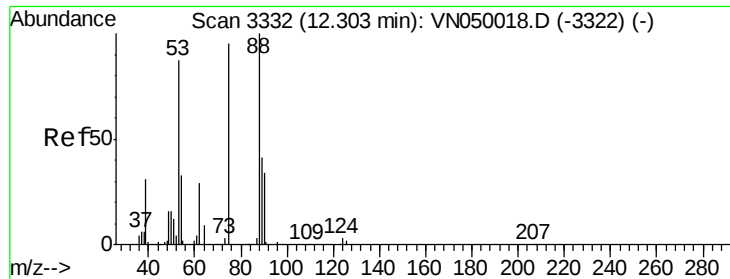
Tot Ion: 91 Resp: 16195
 Ion Ratio Lower Upper
 91 100
 126 0.9 17.6 52.8#



#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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 88.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampleId :

GS-OILY-WATER

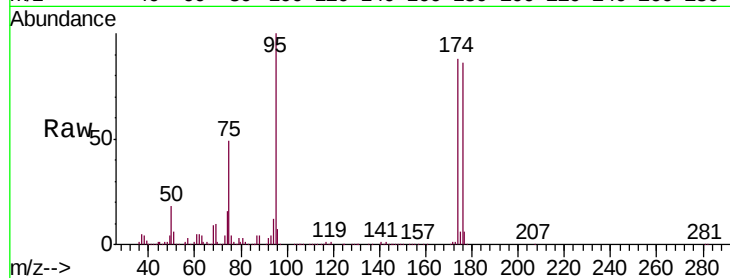
Tot Ion: 75 Resp: 217792

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

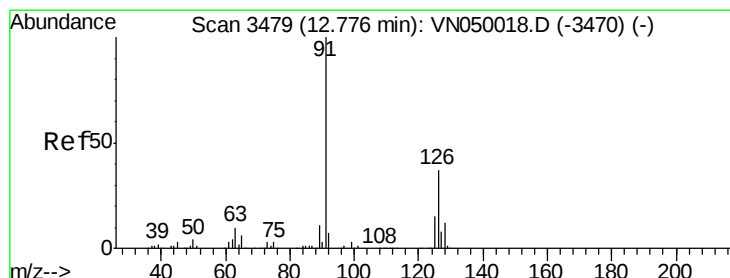
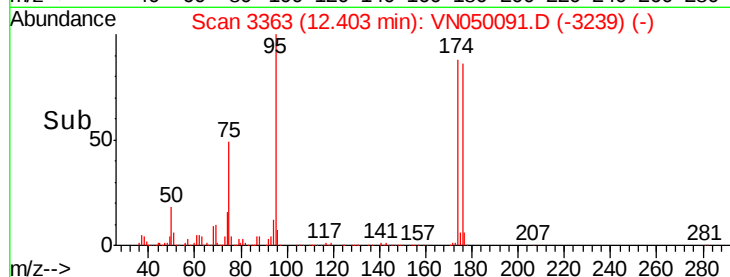
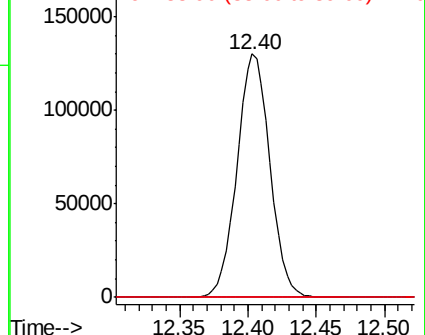
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.21 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN050091.D

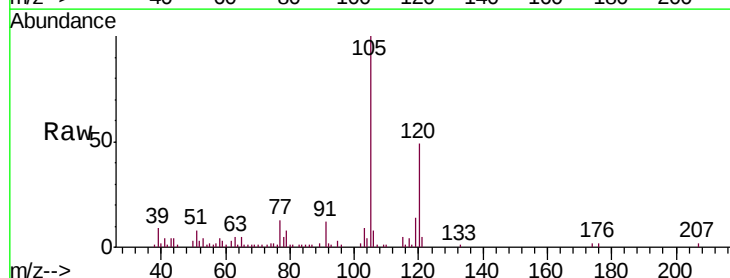
Acq: 26 Jul 2018 18:56

Tgt Ion: 91 Resp: 4590

Ion Ratio Lower Upper

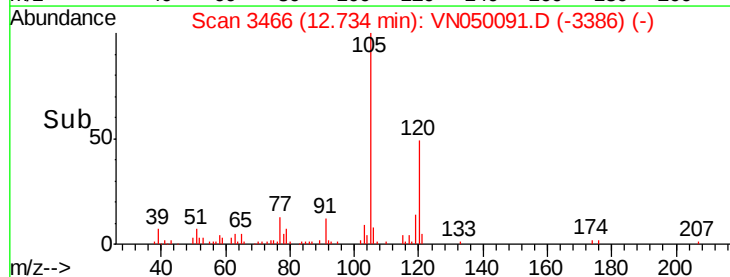
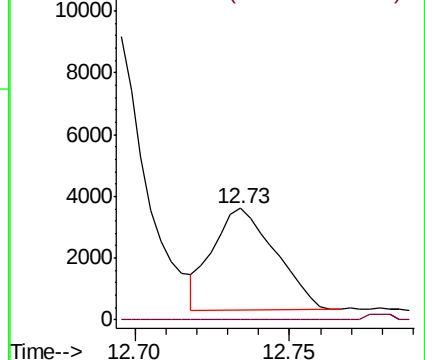
91 100

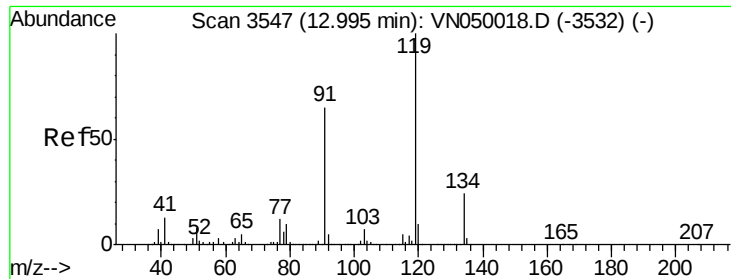
126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

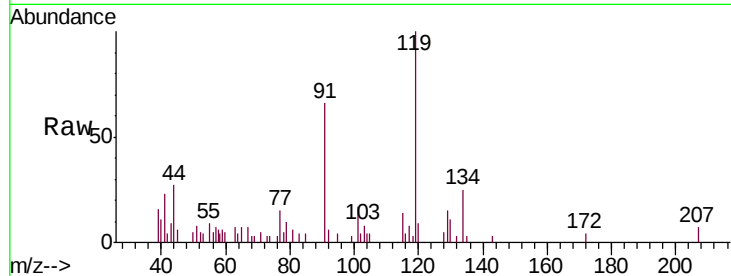




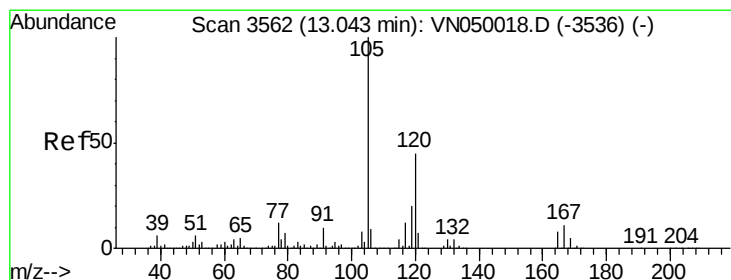
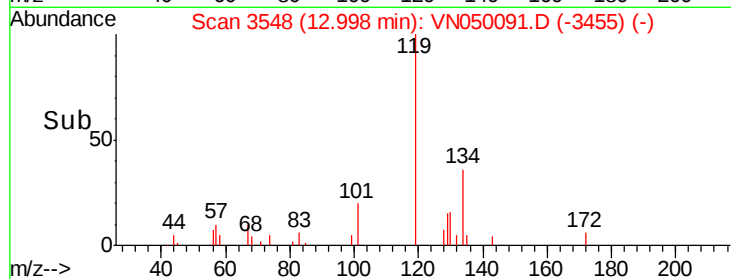
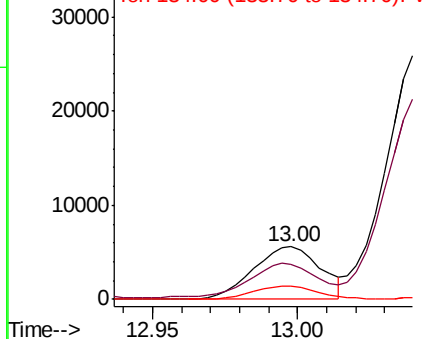
#83
 tert-Butylbenzene
 Concen: 0.41 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 GS-OILY-WATER

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

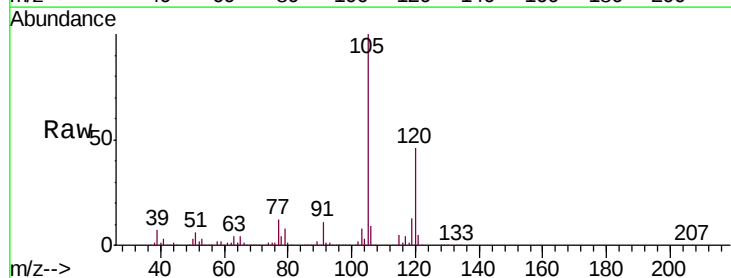


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

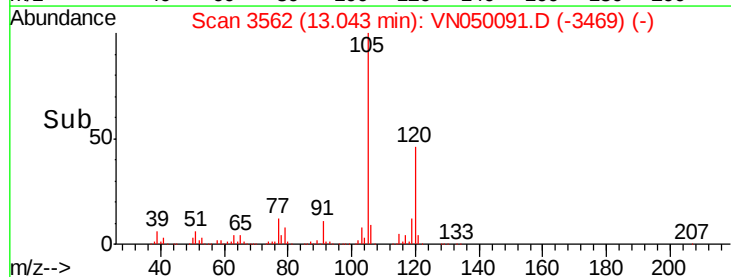
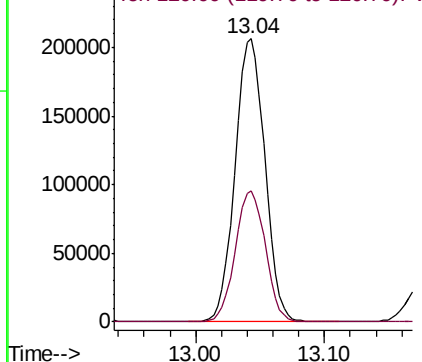


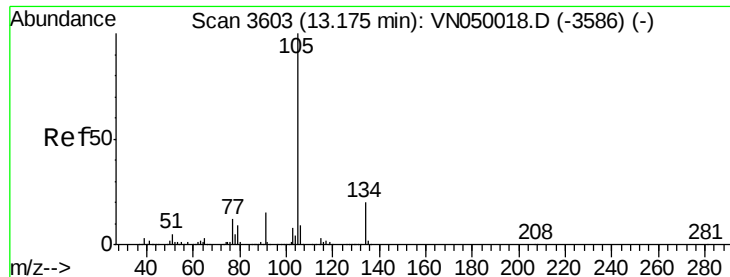
#84
 1,2,4-Trimethylbenzene
 Concen: 12.86 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.00 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

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



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 11.11 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.13 min

Lab File: VN050091.D

Acq: 26 Jul 2018 18:56

Instrument :

MSVOA_N

ClientSampleId :

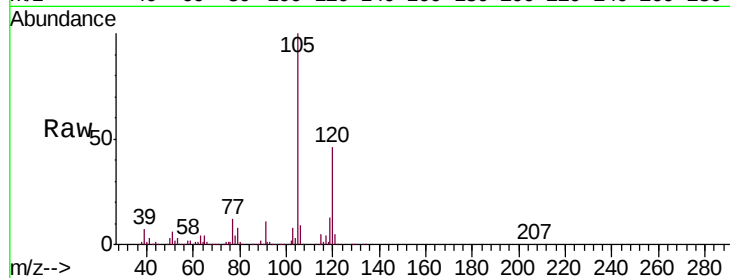
GS-OILY-WATER

Tot Ion:105 Resp: 330561

Ion Ratio Lower Upper

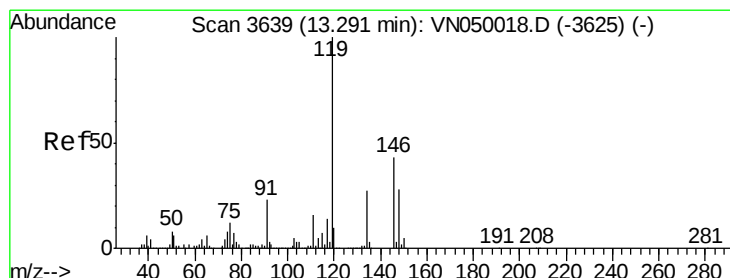
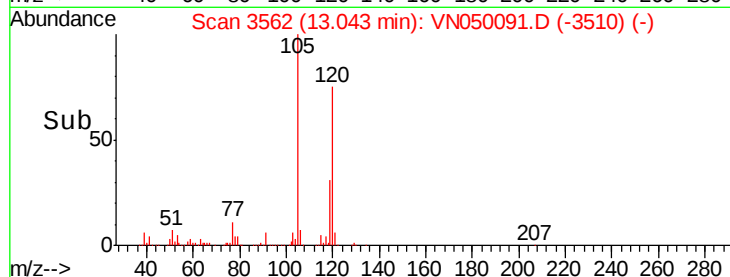
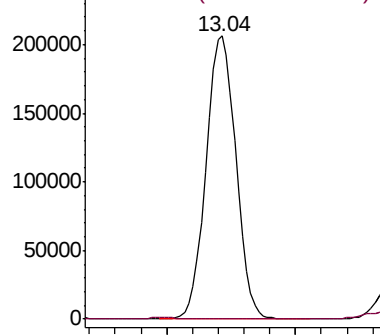
105 100

134 0.0 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#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

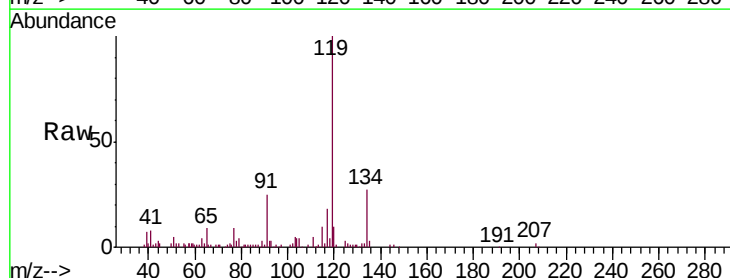
Tgt Ion:119 Resp: 68562

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

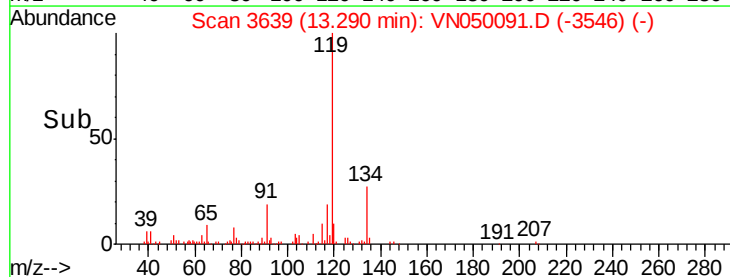
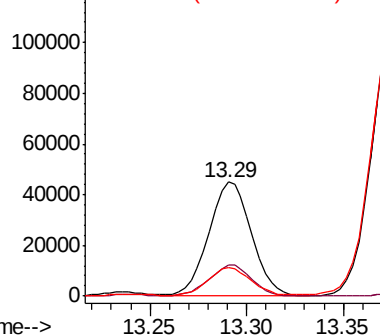
91 24.0 11.4 34.2

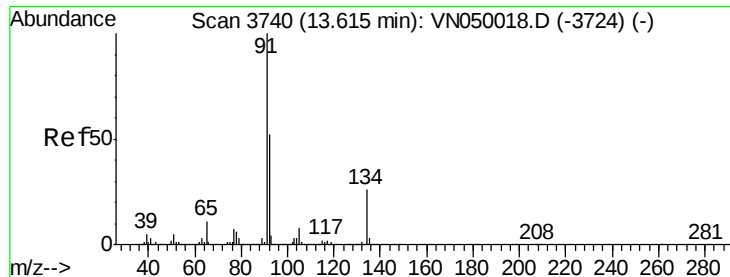


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VNO

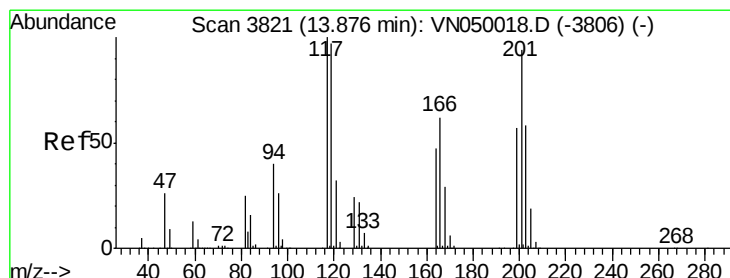
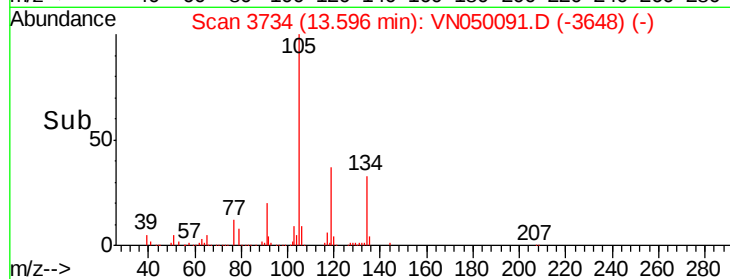
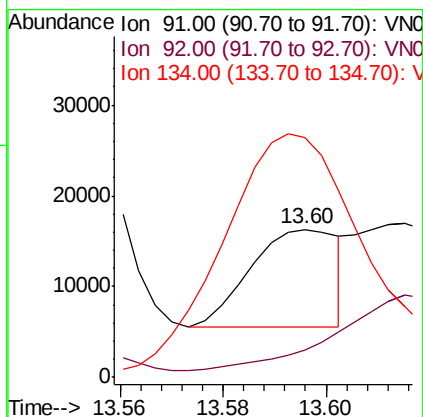
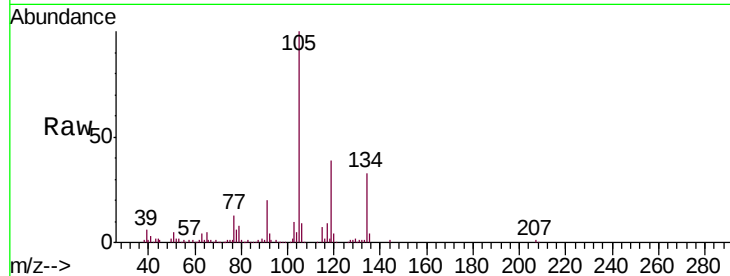




#89
n-Butylbenzene
Concen: 0.62 ug/l
RT: 13.60 min Scan# 3734
Delta R.T. -0.02 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

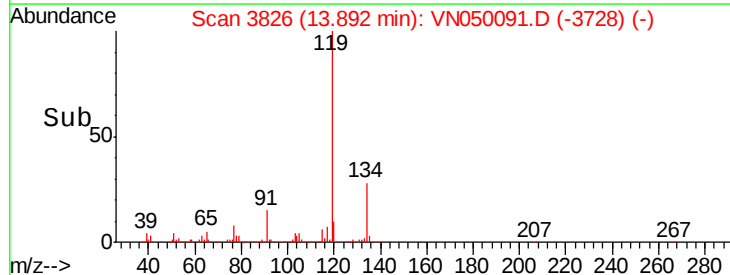
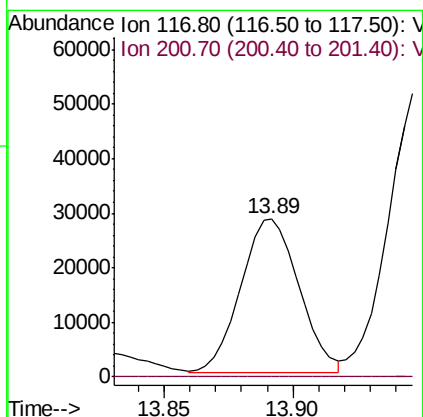
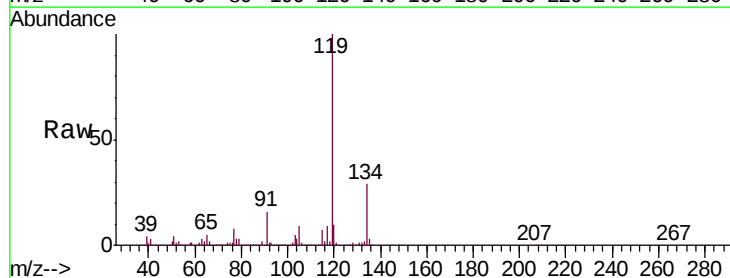
Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

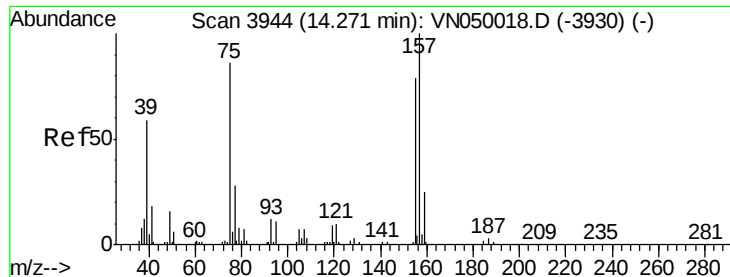
Tot Ion: 91 Resp: 12711
Ion Ratio Lower Upper
91 100
92 0.0 25.8 77.4#
134 402.8 12.8 38.4#



#90
Hexachloroethane
Concen: 8.04 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Tgt Ion: 117 Resp: 44717
Ion Ratio Lower Upper
117 100
201 0.0 45.6 136.8#

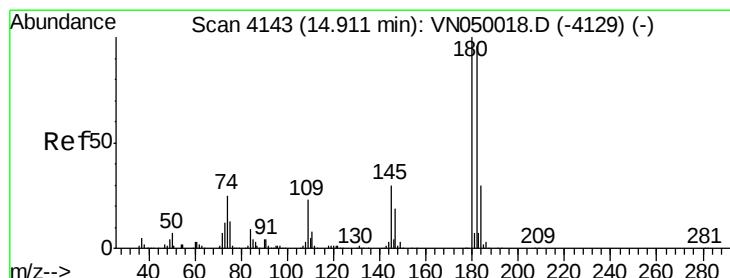
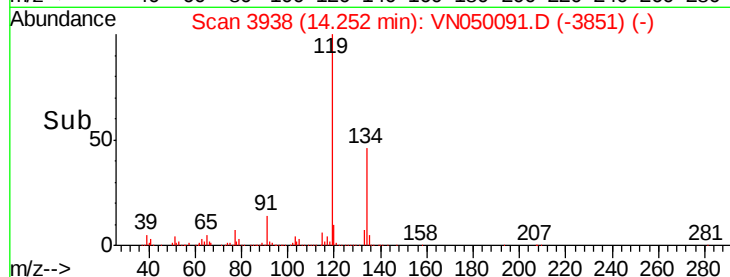
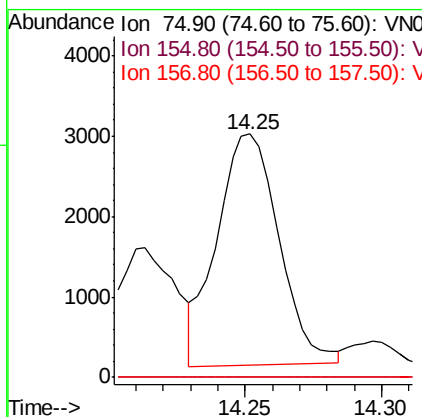
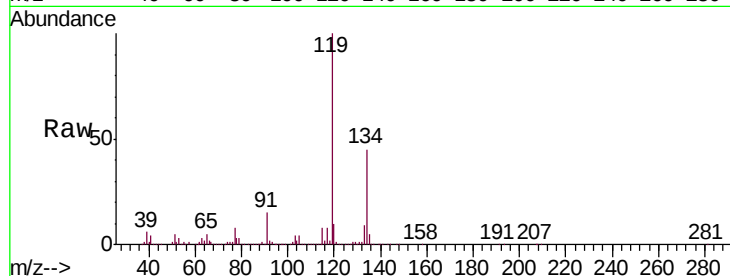




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.36 ug/l
 RT: 14.25 min Scan# 3938
 Delta R.T. -0.02 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

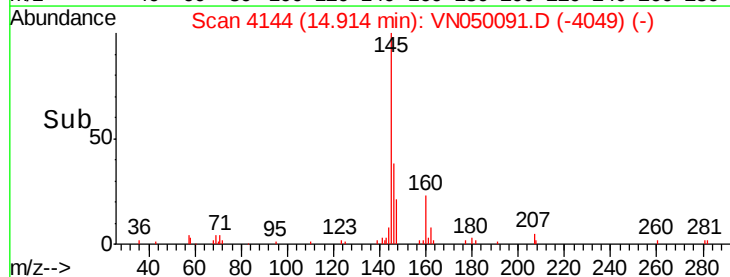
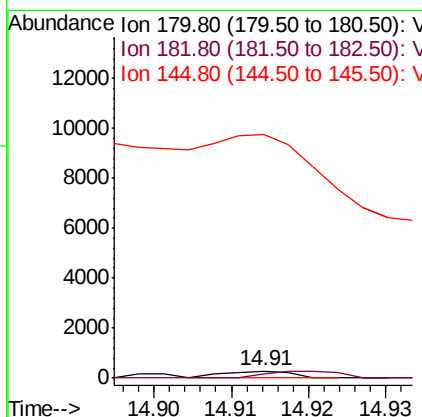
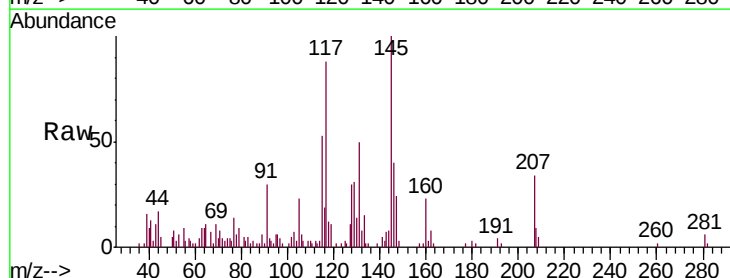
Instrument :
 MSVOA_N
 ClientSampleId :
 GS-OILY-WATER

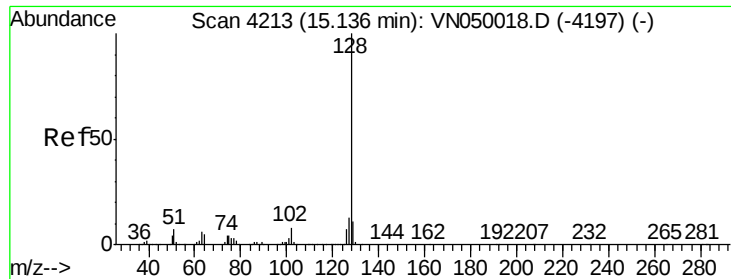
Tot Ion: 75 Resp: 4534
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.8 134.4#
 157 0.0 57.2 171.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.11 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050091.D
 Acq: 26 Jul 2018 18:56

Tgt Ion: 180 Resp: 171
 Ion Ratio Lower Upper
 180 100
 182 109.9 46.7 140.1
 145 0.0 13.8 41.4#

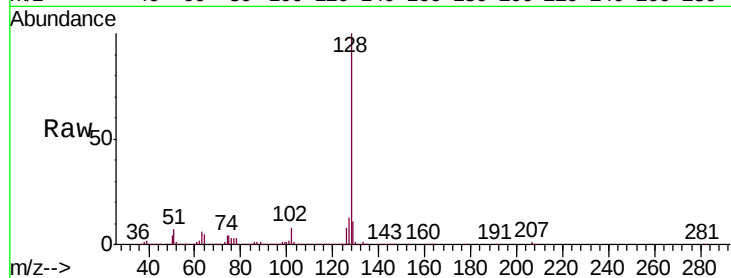




#95
Naphthalene
Concen: 33.44 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050091.D
Acq: 26 Jul 2018 18:56

Instrument :
MSVOA_N
ClientSampleId :
GS-OILY-WATER

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



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

