

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070318\
 Data File : VW003708.D
 Acq On : 03 Jul 2018 19:18
 Operator : SY/AP
 Sample : J3845-14MS
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

Quant Time: Jul 05 02:39:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	208484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	201394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	110037	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	93676	59.08	ug/l	0.00
Spiked Amount			Recovery	=	118.16%	
35) Dibromofluoromethane	7.88	113	77266	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
50) Toluene-d8	10.33	98	297884	55.81	ug/l	0.00
Spiked Amount			Recovery	=	111.62%	
62) 4-Bromofluorobenzene	12.62	95	107020	55.81	ug/l	0.00
Spiked Amount			Recovery	=	111.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	21812	32.197	ug/l	97
3) Chloromethane	2.20	50	58034	54.778	ug/l	100
4) Vinyl Chloride	2.35	62	80384	55.611	ug/l	96
5) Bromomethane	2.77	94	48561	51.239	ug/l	96
6) Chloroethane	2.92	64	45266	52.044	ug/l	98
7) Trichlorofluoromethane	3.25	101	48960	63.695	ug/l	100
8) Diethyl Ether	3.67	74	39393	55.388	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	66186	51.814	ug/l	99
10) Methyl Iodide	4.26	142	100953	53.821	ug/l	98
11) Tert butyl alcohol	5.17	59	28342	285.650	ug/l	99
12) 1,1-Dichloroethene	4.02	96	63467	49.850	ug/l	95
13) Acrolein	3.89	56	4200	87.240	ug/l	85
14) Allyl chloride	4.66	41	114431	52.553	ug/l	99
15) Acrylonitrile	5.37	53	97945	296.926	ug/l	99
16) Acetone	4.12	43	113487	299.834	ug/l	96
17) Carbon Disulfide	4.36	76	206064	53.915	ug/l	98
18) Methyl Acetate	4.67	43	99264	119.679	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	148270	59.622	ug/l	100
20) Methylene Chloride	4.90	84	80423	55.854	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	71074	50.972	ug/l	98
22) Diisopropyl ether	6.31	45	243361	54.513	ug/l	98
23) Vinyl Acetate	6.26	43	565098	190.204	ug/l	98
24) 1,1-Dichloroethane	6.21	63	138407	51.988	ug/l	100
25) 2-Butanone	7.17	43	140542	289.987	ug/l	98
26) 2,2-Dichloropropane	7.17	77	91875	56.283	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	78680	51.816	ug/l	100
28) Bromochloromethane	7.51	49	64812	55.383	ug/l	# 16
29) Tetrahydrofuran	7.53	42	87975	302.817	ug/l	99
30) Chloroform	7.67	83	142721	53.016	ug/l	92
31) Cyclohexane	7.95	56	121011	49.922	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	117977	56.297	ug/l	99
36) 1,1-Dichloropropene	8.08	75	108694	51.936	ug/l	100
37) Ethyl Acetate	7.26	43	50712	49.781	ug/l	99
38) Carbon Tetrachloride	8.07	117	108375	54.435	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	122435	50.802	ug/l	100
40) Benzene	8.32	78	309200	52.565	ug/l	99
41) Methacrylonitrile	7.49	41	31853	55.011	ug/l	95
42) 1,2-Dichloroethane	8.40	62	105757	57.099	ug/l	99
43) Isopropyl Acetate	8.43	43	97881	51.017	ug/l	99
44) Trichloroethene	9.09	130	77920	51.242	ug/l	100
45) 1,2-Dichloropropane	9.37	63	82748	54.229	ug/l	100
46) Dibromomethane	9.46	93	44888	56.644	ug/l	98
47) Bromodichloromethane	9.65	83	108775	55.527	ug/l	98
48) Methyl methacrylate	9.44	41	56918	55.727	ug/l	98
49) 1,4-Dioxane	9.45	88	13818	1111.540	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	307952	304.606	ug/l	99
52) Toluene	10.39	92	197647	53.843	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112499	55.355	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	124865	54.193	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	62886	56.326	ug/l	96
56) Ethyl methacrylate	10.65	69	75299	47.703	ug/l	94
57) 1,3-Dichloropropane	10.94	76	109765	56.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	171960	288.154	ug/l	99
59) 2-Hexanone	10.98	43	221001	305.804	ug/l	99
60) Dibromochloromethane	11.13	129	73505	56.318	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60256	56.347	ug/l	98
64) Tetrachloroethene	10.87	164	72354	53.155	ug/l	98
65) Chlorobenzene	11.66	112	214228	50.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	80005	54.068	ug/l	99
67) Ethyl Benzene	11.74	91	376523	50.753	ug/l	99
68) m/p-Xylenes	11.84	106	290109	102.834	ug/l	100
69) o-Xylene	12.17	106	134899	51.725	ug/l	100
70) Styrene	12.19	104	232409	53.057	ug/l	99
71) Bromoform	12.35	173	45976	55.918	ug/l #	99
73) Isopropylbenzene	12.47	105	372514	49.768	ug/l	100
74) N-amyl acetate	12.28	43	81845	41.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	79523	54.317	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	107032	108.180	ug/l #	100
77) Bromobenzene	12.75	156	90602	50.437	ug/l	98
78) n-propylbenzene	12.81	91	460207	49.769	ug/l	99
79) 2-Chlorotoluene	12.90	91	259902	49.394	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	320658	50.641	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	24841	53.201	ug/l	95
82) 4-Chlorotoluene	12.99	91	277916	49.755	ug/l	100
83) tert-Butylbenzene	13.21	119	266985	49.985	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	334431	51.303	ug/l	99
85) sec-Butylbenzene	13.39	105	390653	49.151	ug/l	100
86) p-Isopropyltoluene	13.51	119	344108	49.498	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	179384	49.203	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	179000	49.134	ug/l	99
89) n-Butylbenzene	13.83	91	322604	46.937	ug/l	98
90) Hexachloroethane	14.10	117	62982	48.765	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	167608	51.417	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14511	56.885	ug/l	96

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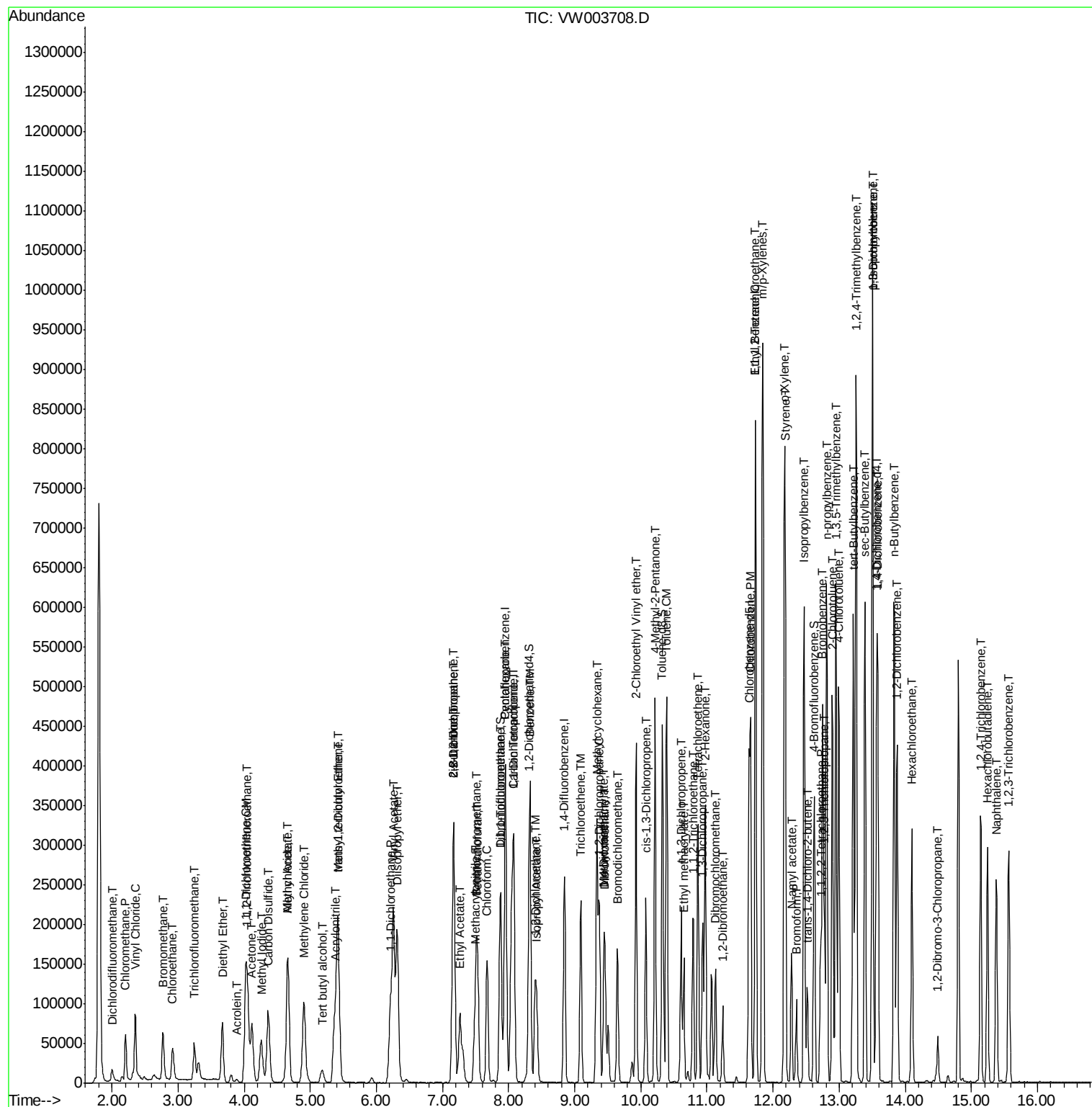
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	106227	46.216	ug/l	99
94) Hexachlorobutadiene	15.25	225	55929	42.131	ug/l	98
95) Naphthalene	15.38	128	213644	51.250	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	97277	47.511	ug/l	100

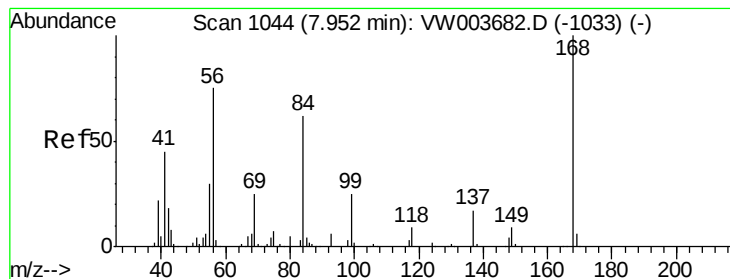
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

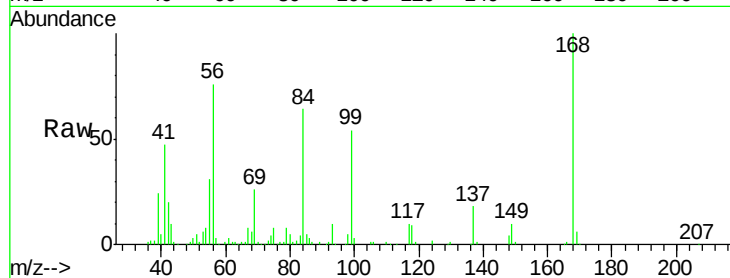
GF-G-9MS

Tgt Ion:168 Resp: 132999

Ion Ratio Lower Upper

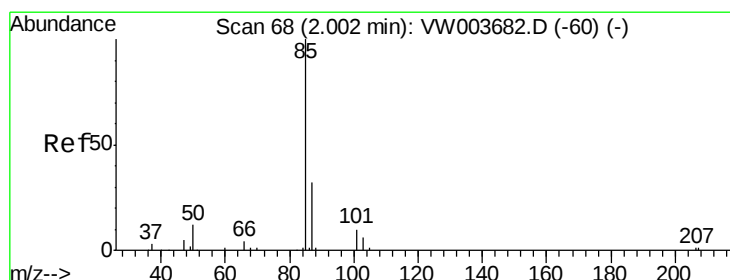
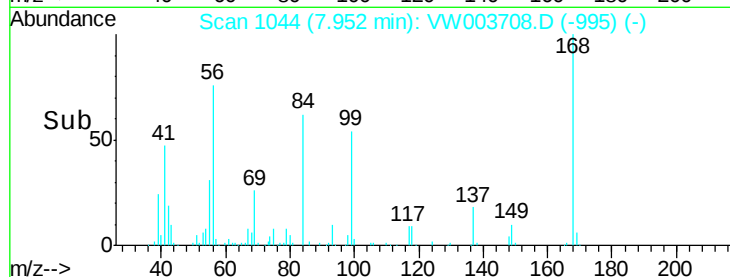
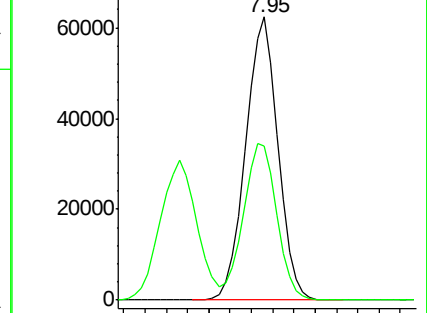
168 100

99 54.5 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 32.197 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003708.D

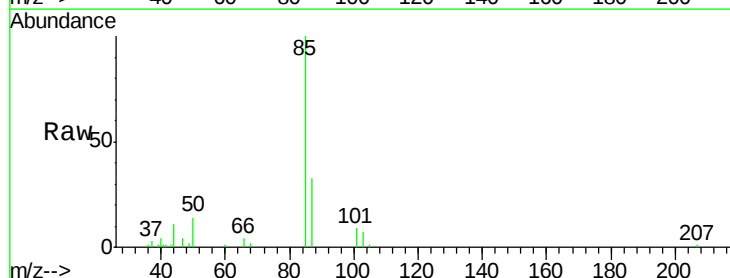
Acq: 03 Jul 2018 19:18

Tgt Ion: 85 Resp: 21812

Ion Ratio Lower Upper

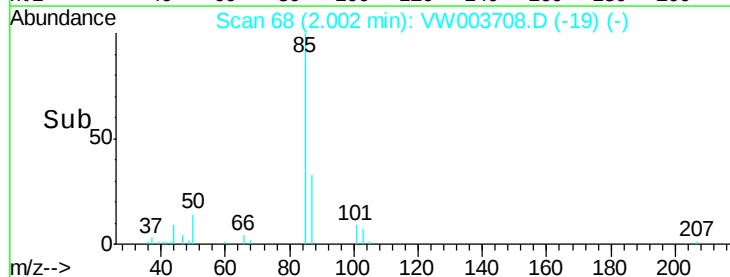
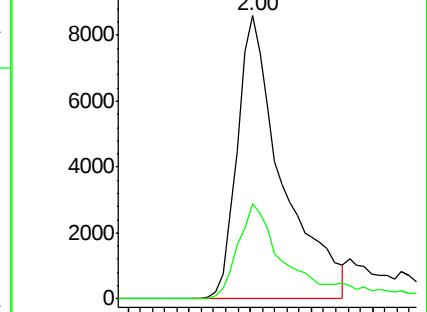
85 100

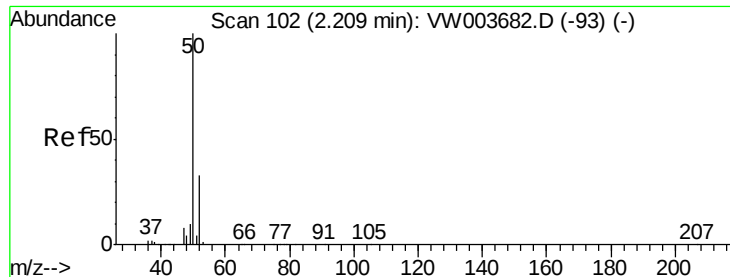
87 33.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 54.778 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

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ClientSampleId :

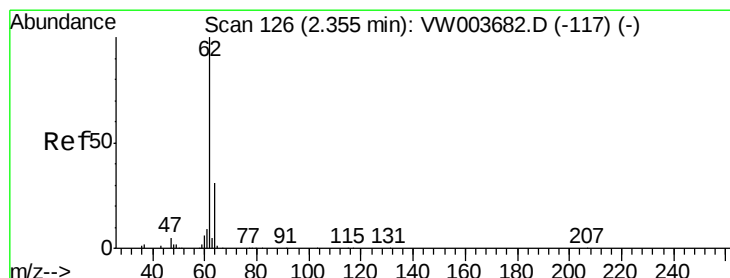
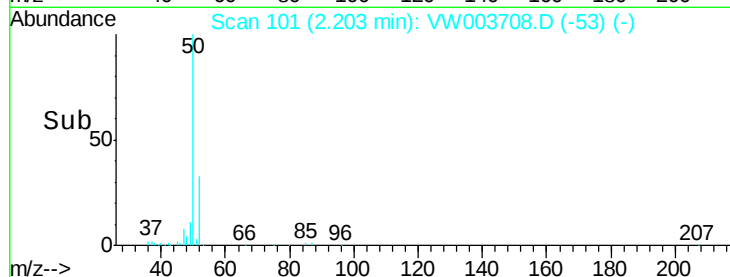
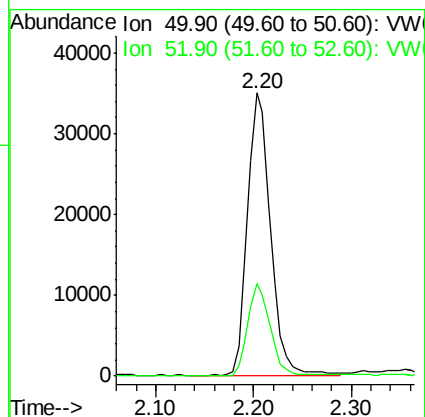
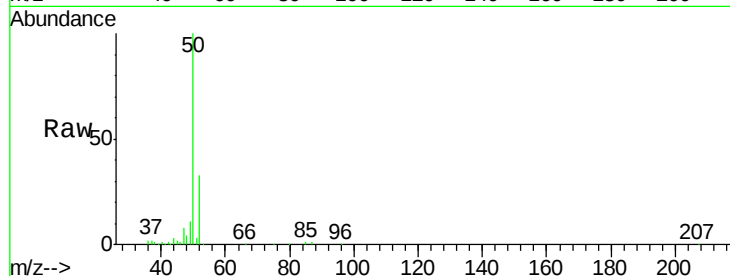
GF-G-9MS

Tgt Ion: 50 Resp: 58034

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 55.611 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW003708.D

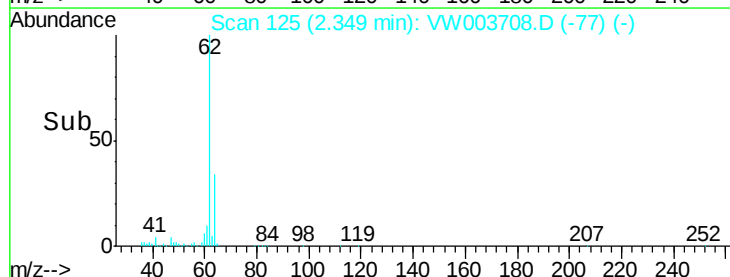
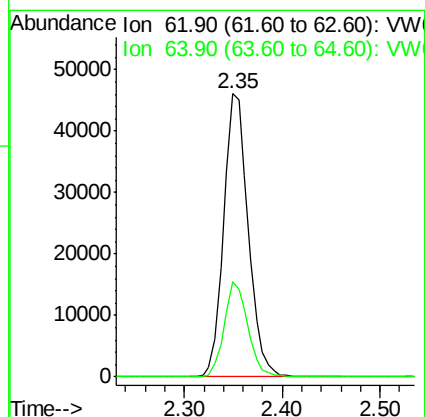
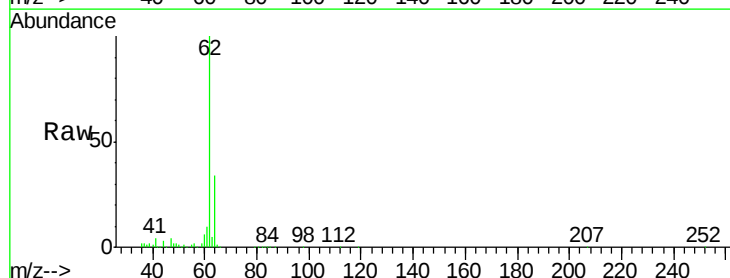
Acq: 03 Jul 2018 19:18

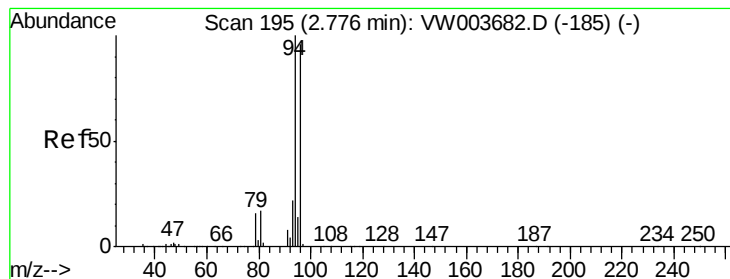
Tgt Ion: 62 Resp: 80384

Ion Ratio Lower Upper

62 100

64 33.8 25.1 37.7





#5

Bromomethane

Concen: 51.239 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

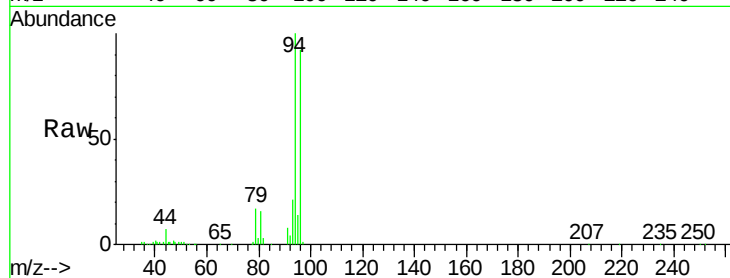
GF-G-9MS

Tgt Ion: 94 Resp: 48561

Ion Ratio Lower Upper

94 100

96 92.0 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

20000

15000

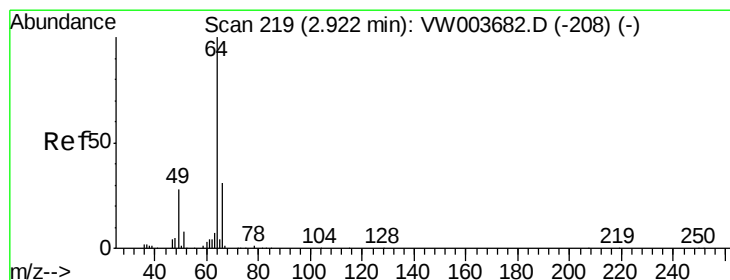
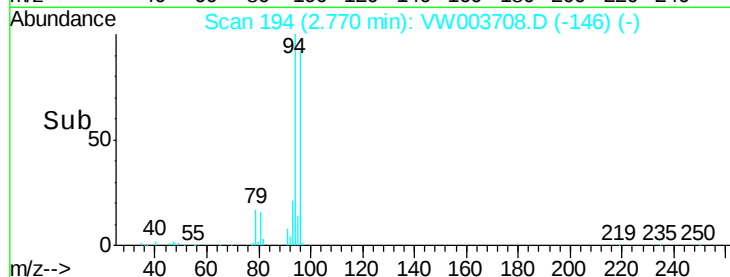
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 52.044 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003708.D

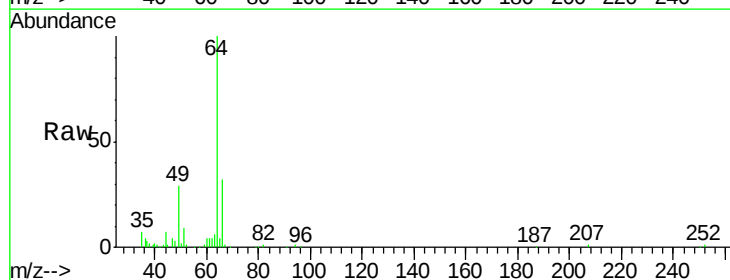
Acq: 03 Jul 2018 19:18

Tgt Ion: 64 Resp: 45266

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

20000

15000

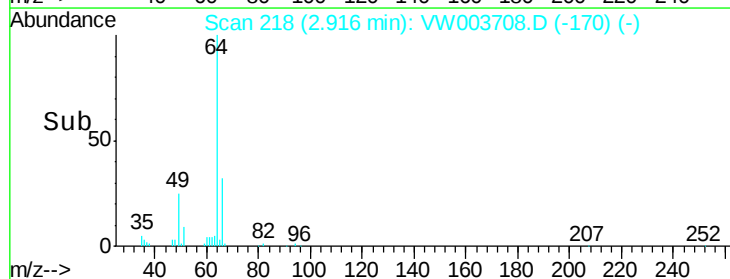
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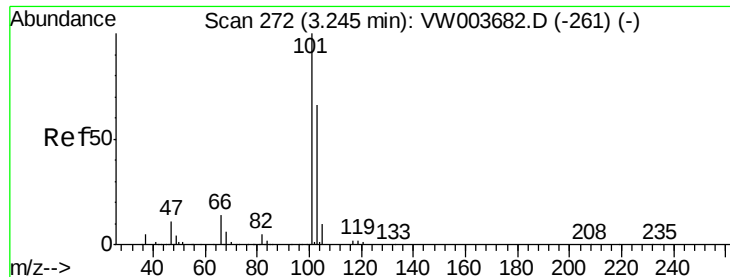
5000

0

Time-->

2.80 2.90 3.00



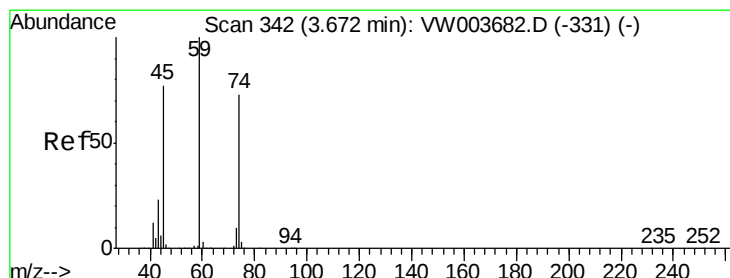
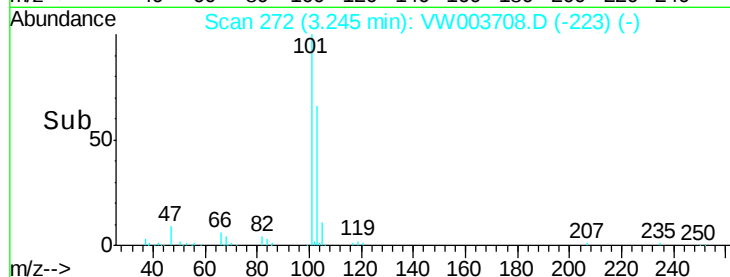
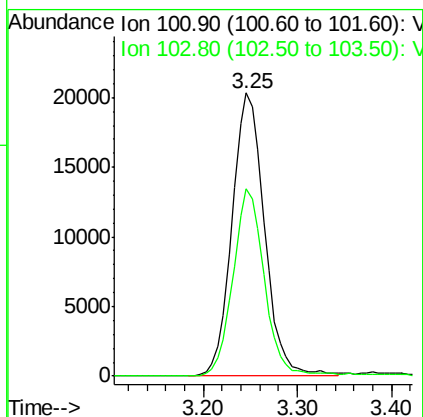
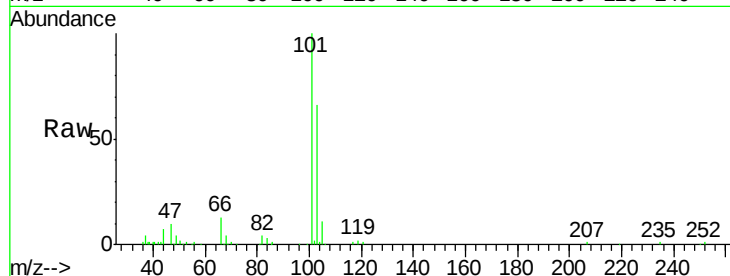


#7

Trichlorofluoromethane
 Concen: 63.695 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Instrument :
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 ClientSampleId :
 GF-G-9MS

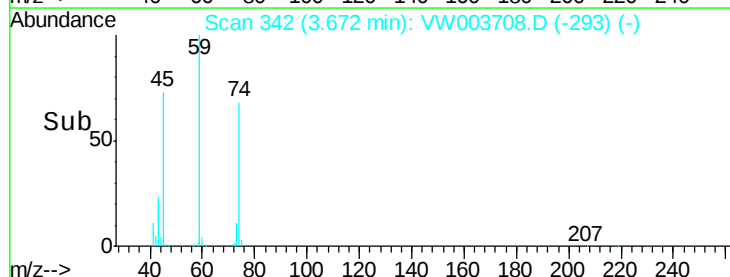
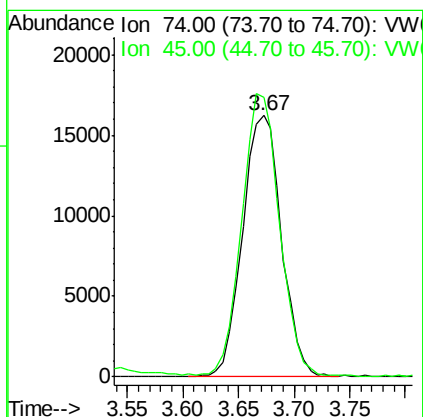
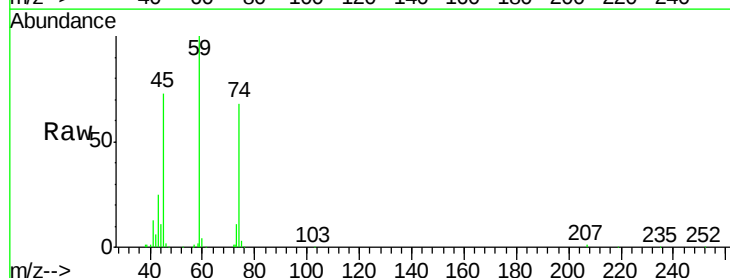
Tgt Ion:101 Resp: 48960
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.9 79.3

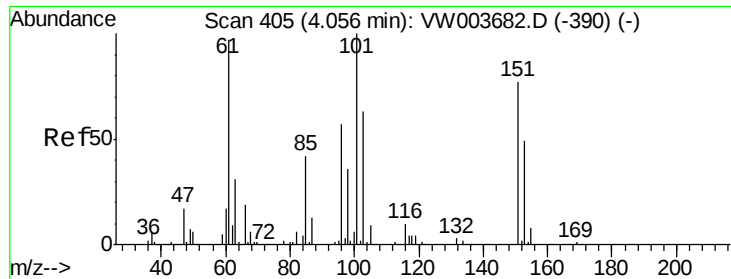


#8

Diethyl Ether
 Concen: 55.388 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion: 74 Resp: 39393
 Ion Ratio Lower Upper
 74 100
 45 106.3 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.814 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

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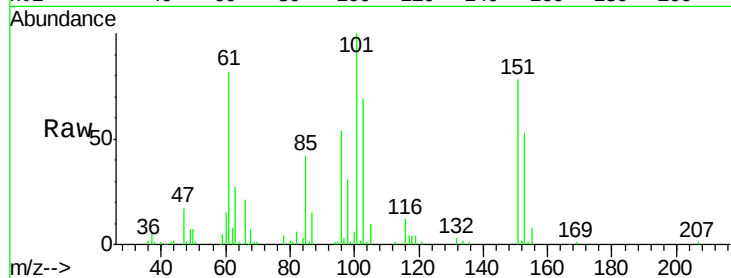
Tgt Ion:101 Resp: 66186

Ion Ratio Lower Upper

101 100

85 45.0 36.6 55.0

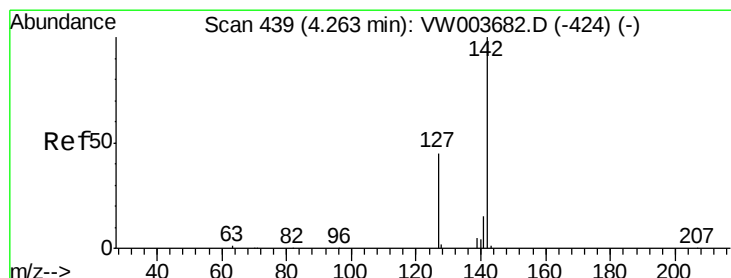
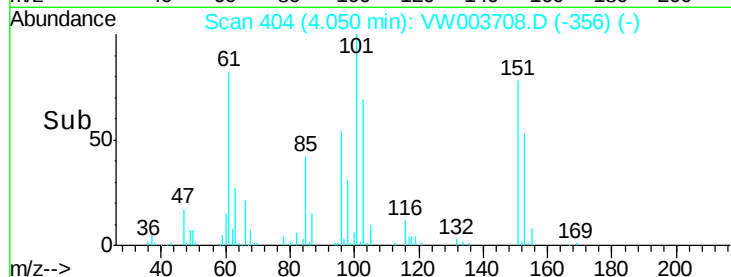
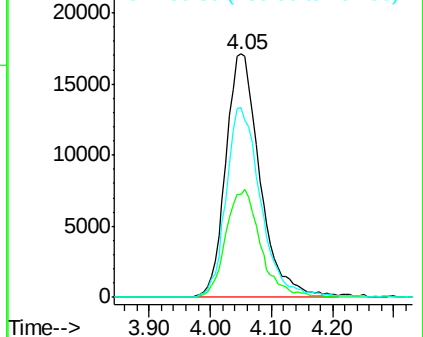
151 78.9 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.821 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

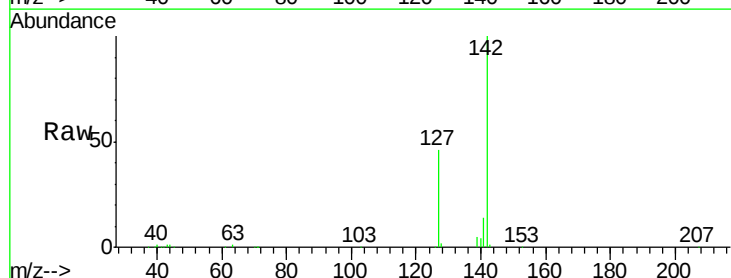
Tgt Ion:142 Resp: 100953

Ion Ratio Lower Upper

142 100

127 46.2 36.0 54.0

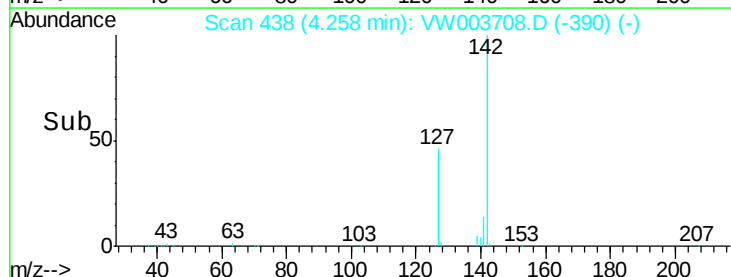
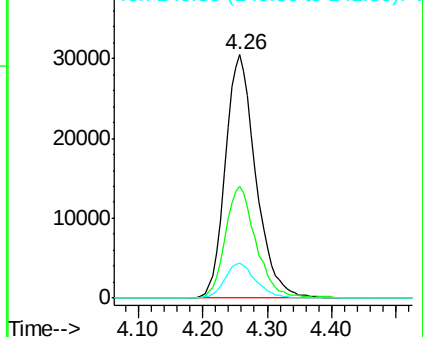
141 14.6 11.9 17.9

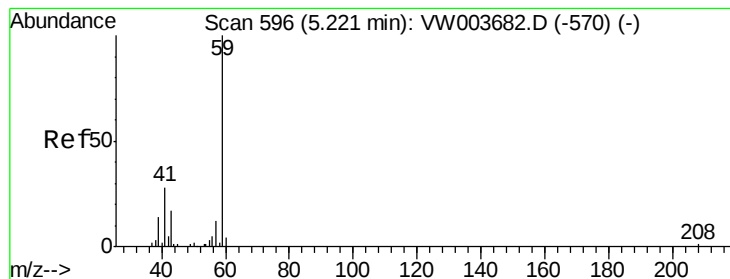


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



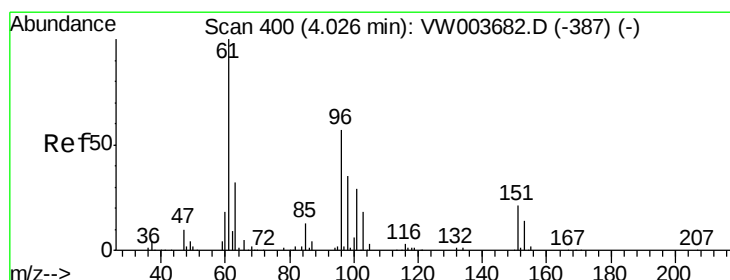
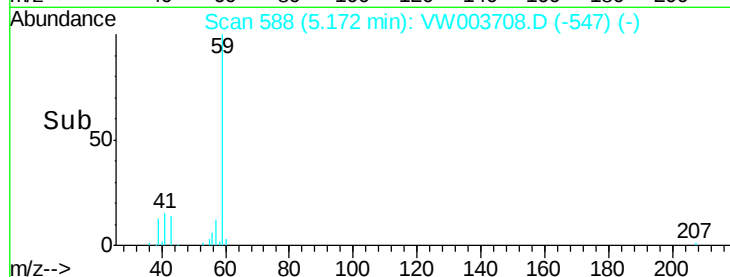
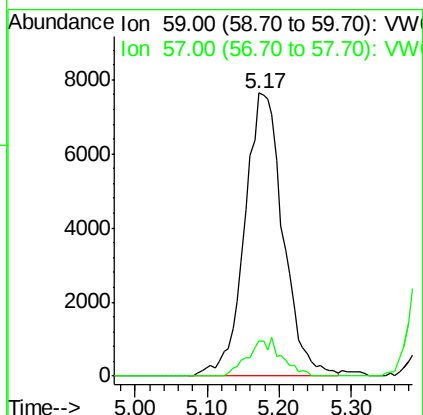
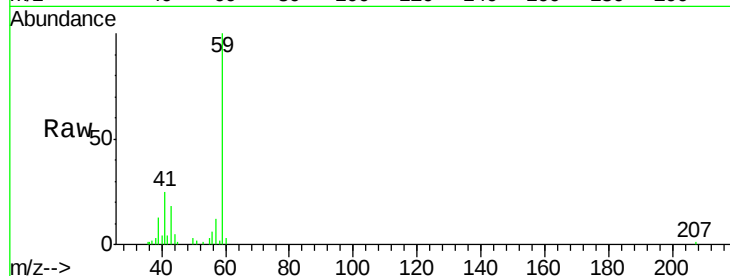


#11

Tert butyl alcohol
Concen: 285.650 ug/l
RT: 5.17 min Scan# 588
Delta R.T. -0.05 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MS

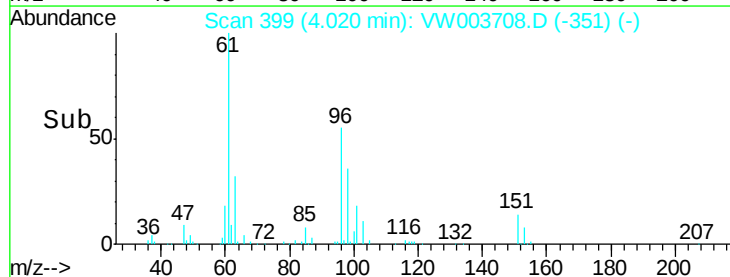
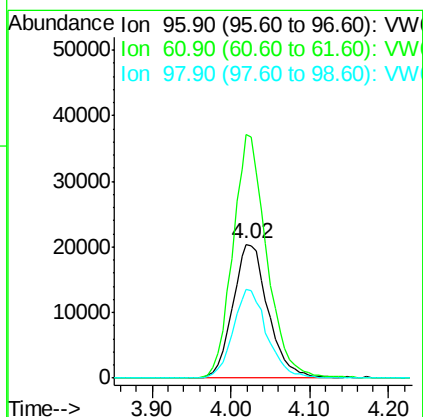
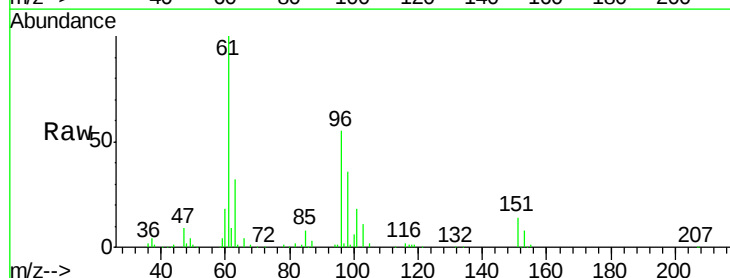
Tgt Ion: 59 Resp: 28342
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.4

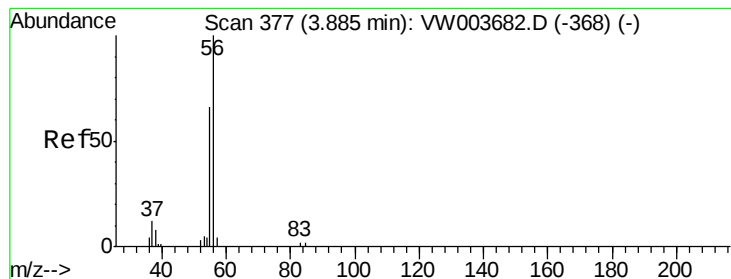


#12

1,1-Dichloroethene
Concen: 49.850 ug/l
RT: 4.02 min Scan# 399
Delta R.T. -0.01 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion: 96 Resp: 63467
Ion Ratio Lower Upper
96 100
61 181.7 140.6 211.0
98 65.9 49.4 74.0





#13

Acrolein

Concen: 87.240 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

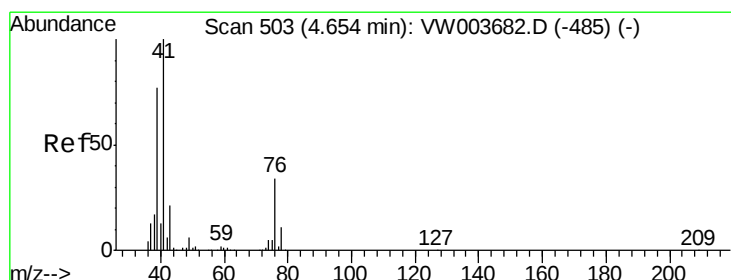
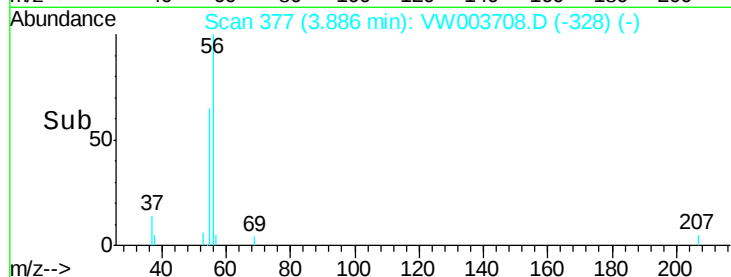
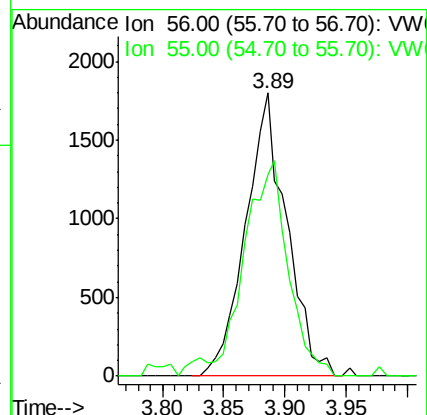
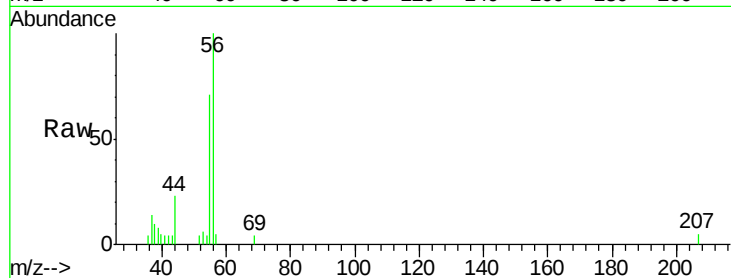
GF-G-9MS

Tgt Ion: 56 Resp: 4200

Ion Ratio Lower Upper

56 100

55 80.4 54.7 82.1



#14

Allyl chloride

Concen: 52.553 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

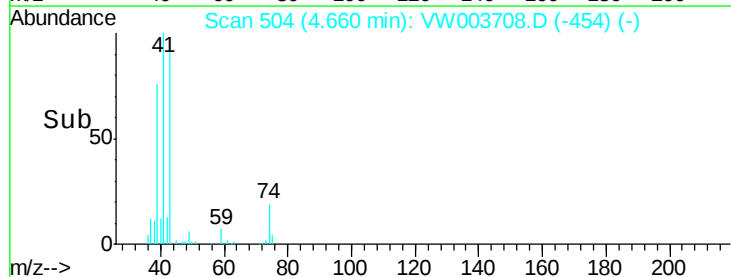
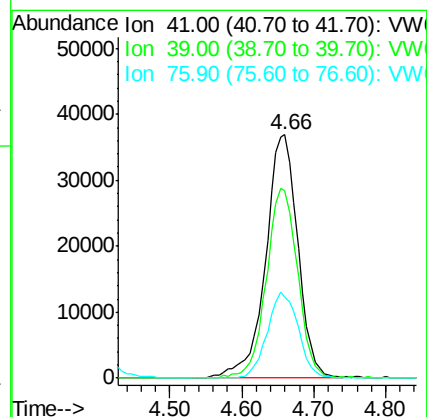
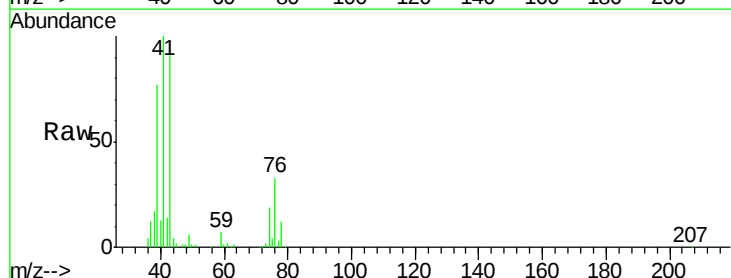
Tgt Ion: 41 Resp: 114431

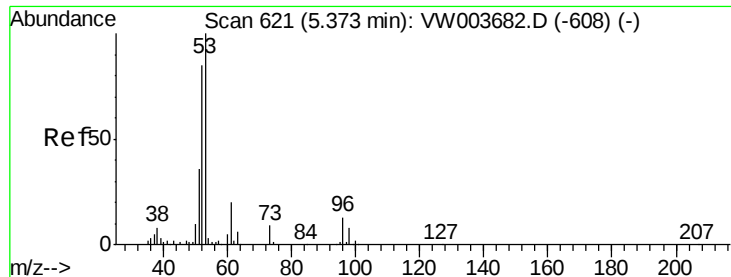
Ion Ratio Lower Upper

41 100

39 76.1 60.1 90.1

76 33.9 27.2 40.8





#15

Acrylonitrile

Concen: 296.926 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MS

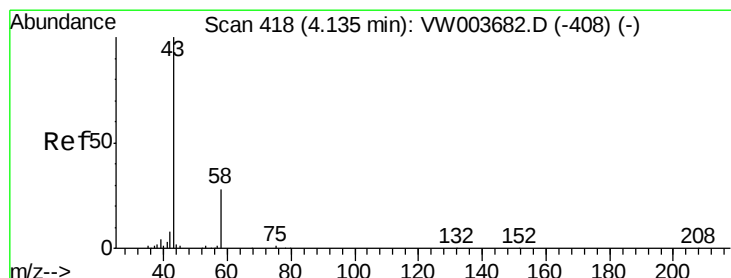
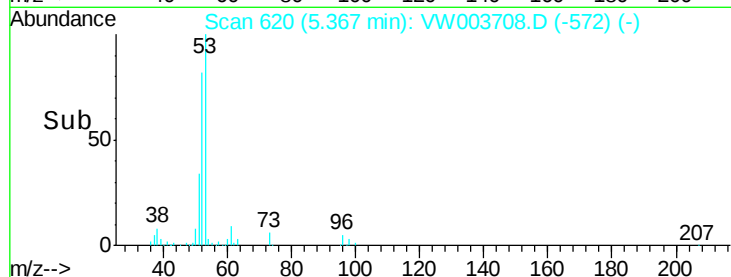
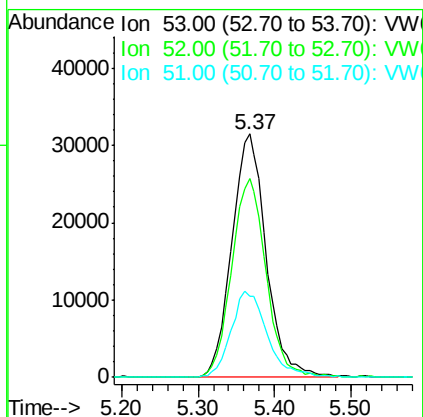
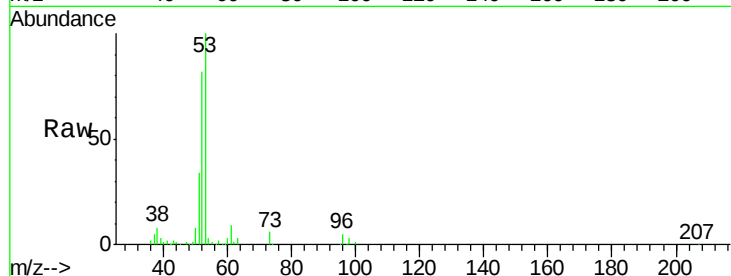
Tgt Ion: 53 Resp: 97945

Ion Ratio Lower Upper

53 100

52 82.1 66.8 100.2

51 37.6 30.2 45.4



#16

Acetone

Concen: 299.834 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003708.D

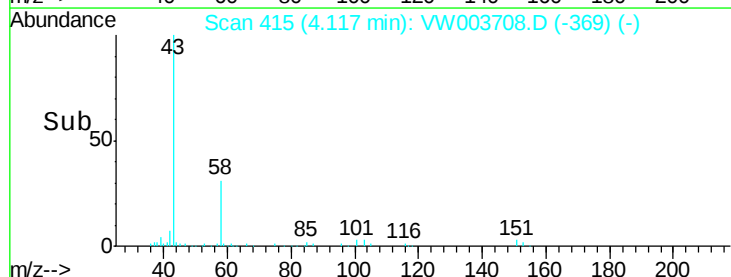
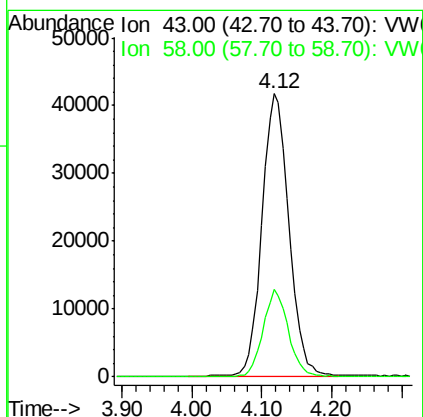
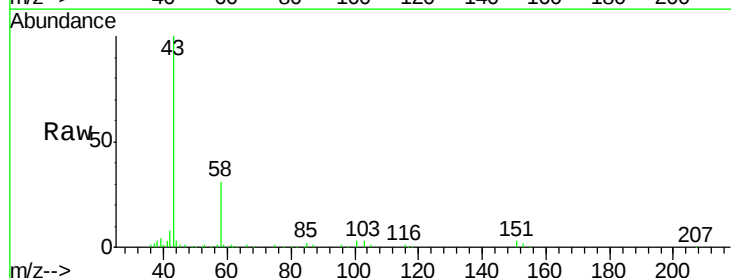
Acq: 03 Jul 2018 19:18

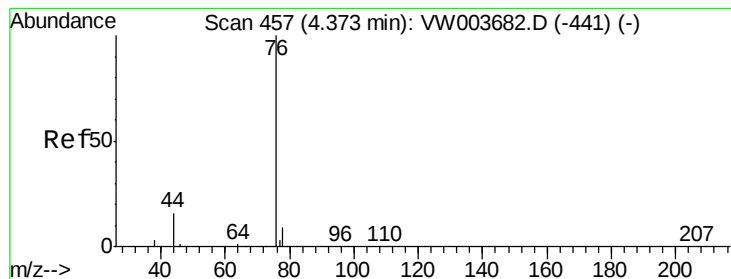
Tgt Ion: 43 Resp: 113487

Ion Ratio Lower Upper

43 100

58 30.7 22.7 34.1





#17

Carbon Disulfide

Concen: 53.915 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

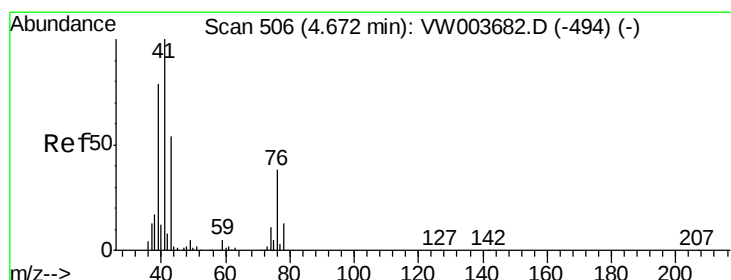
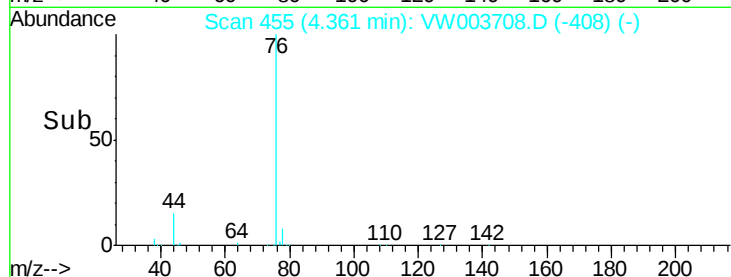
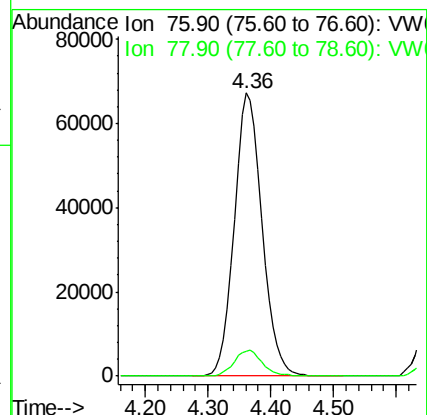
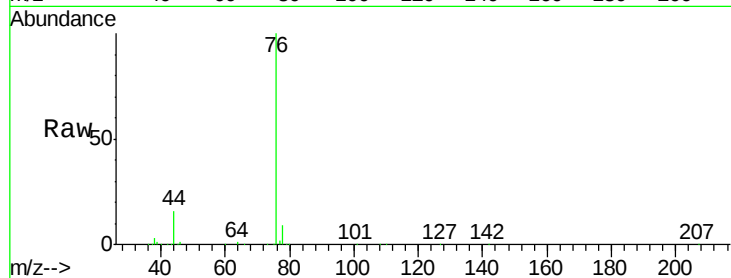
GF-G-9MS

Tgt Ion: 76 Resp: 206064

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2



#18

Methyl Acetate

Concen: 119.679 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW003708.D

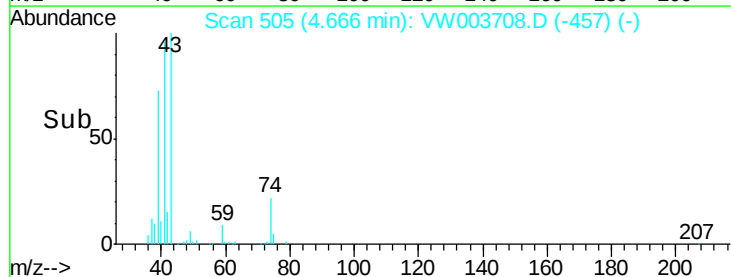
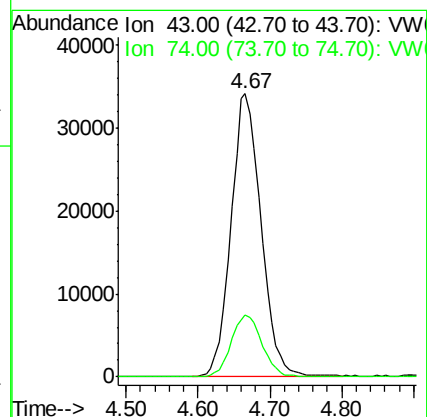
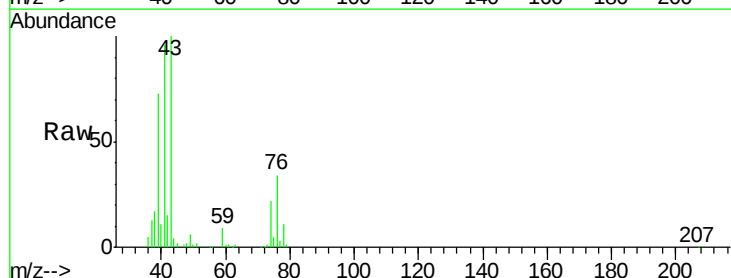
Acq: 03 Jul 2018 19:18

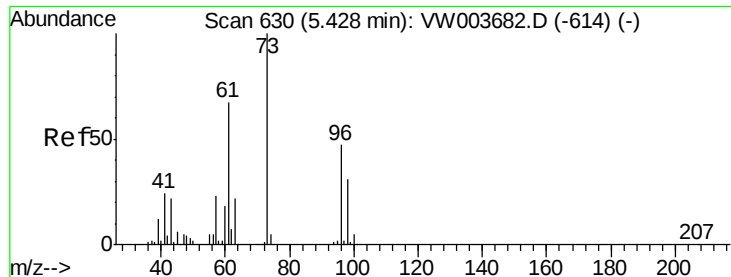
Tgt Ion: 43 Resp: 99264

Ion Ratio Lower Upper

43 100

74 22.4 18.2 27.2

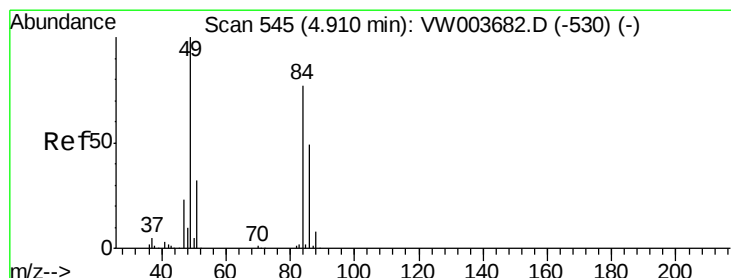
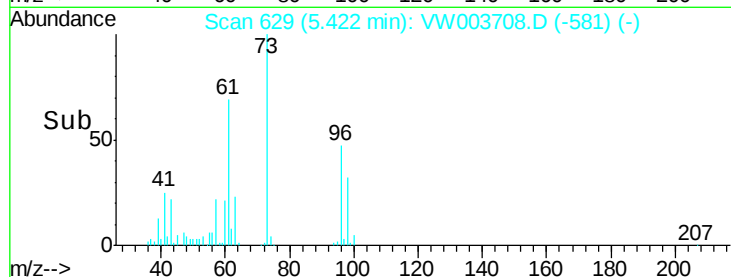
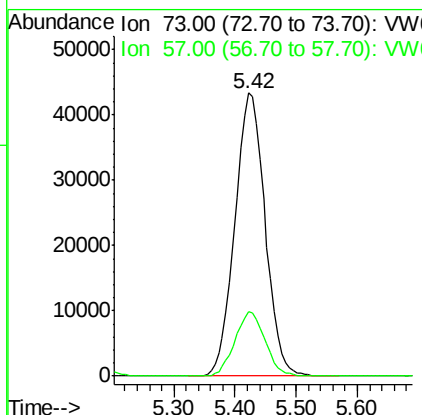
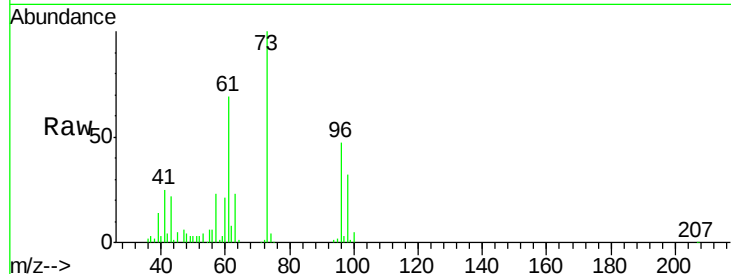




#19
Methyl tert-butyl Ether
Concen: 59.622 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

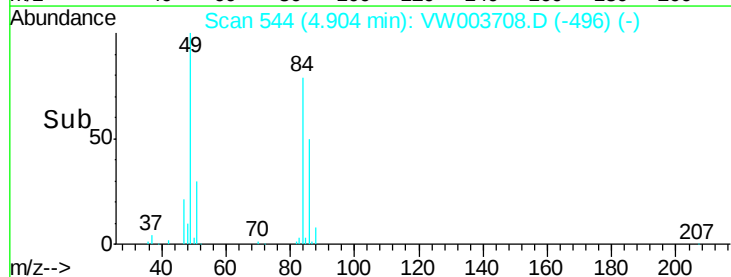
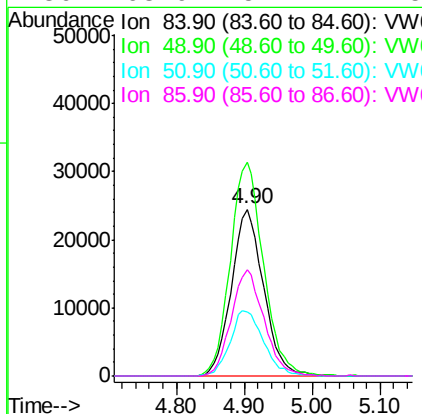
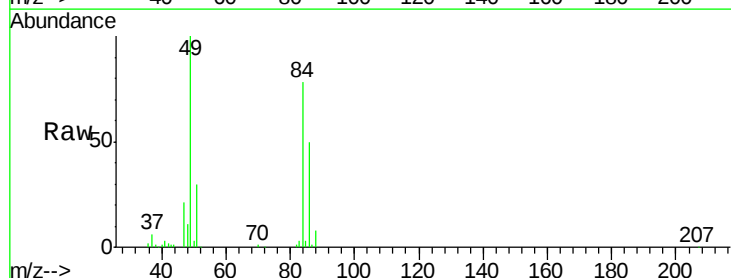
Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MS

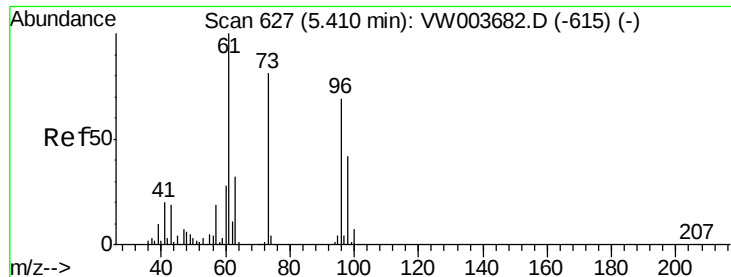
Tgt Ion: 73 Resp: 148270
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 55.854 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion: 84 Resp: 80423
Ion Ratio Lower Upper
84 100
49 127.9 104.6 156.8
51 38.3 33.2 49.8
86 63.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 50.972 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MS

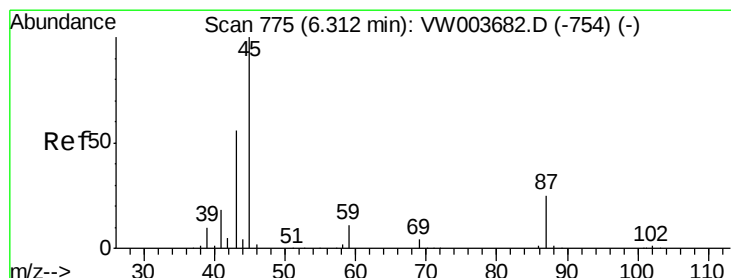
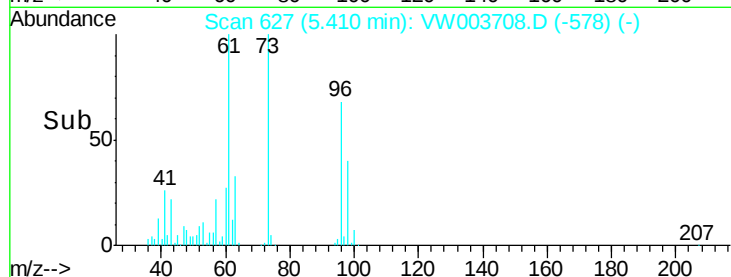
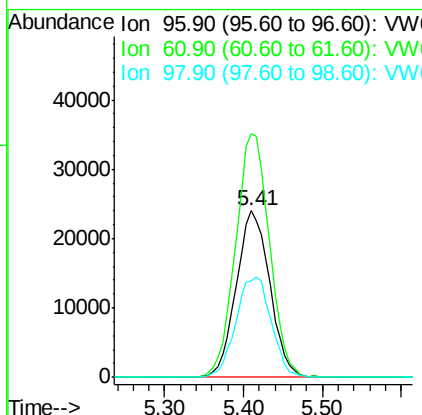
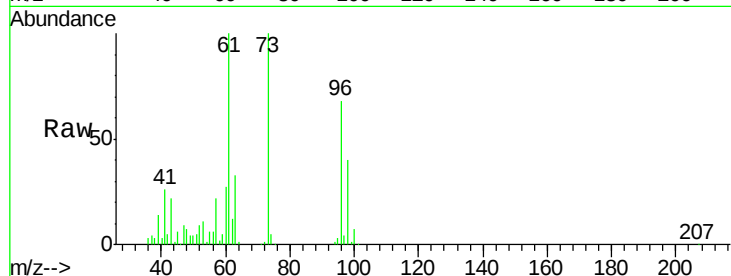
Tgt Ion: 96 Resp: 71074

Ion Ratio Lower Upper

96 100

61 146.0 116.8 175.2

98 58.0 49.6 74.4



#22

Diisopropyl ether

Concen: 54.513 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Tgt Ion: 45 Resp: 243361

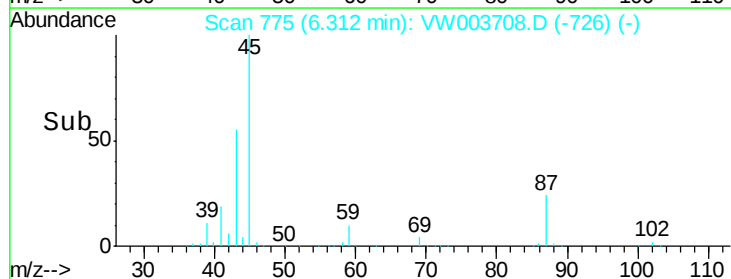
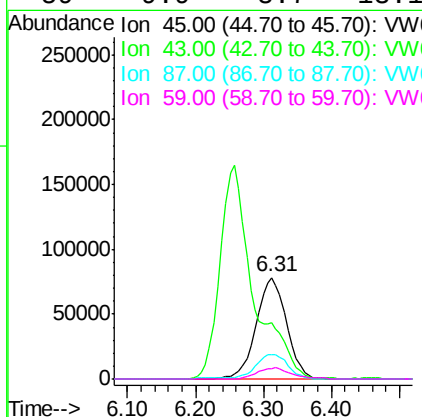
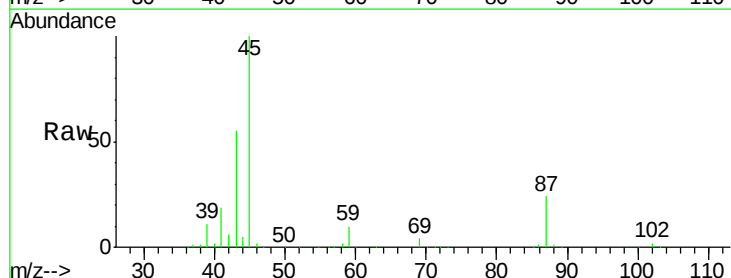
Ion Ratio Lower Upper

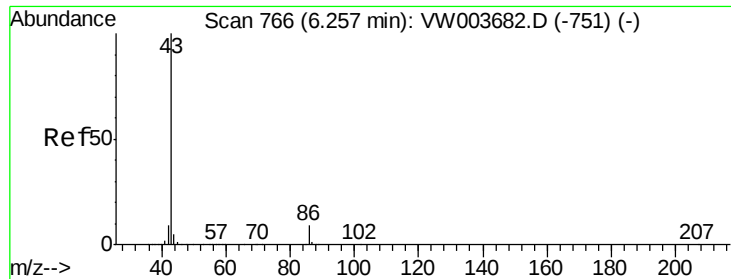
45 100

43 54.7 44.5 66.7

87 24.2 20.2 30.4

59 9.9 8.7 13.1





#23

Vinyl Acetate

Concen: 190.204 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

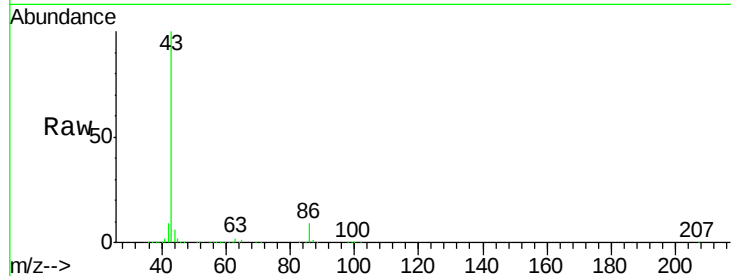
GF-G-9MS

Tgt Ion: 43 Resp: 565098

Ion Ratio Lower Upper

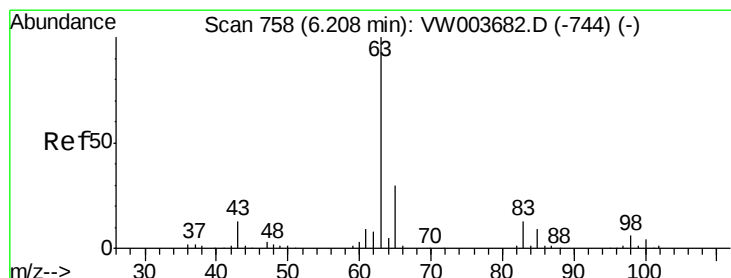
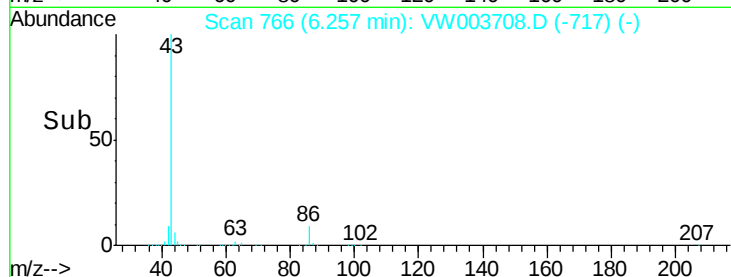
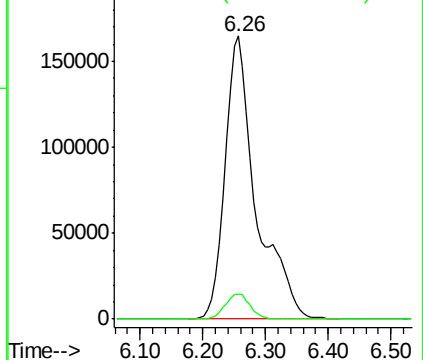
43 100

86 8.7 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.988 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

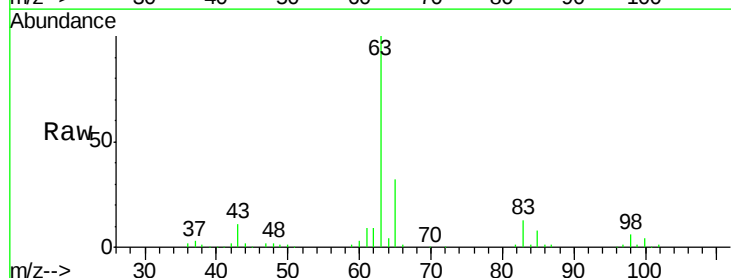
Tgt Ion: 63 Resp: 138407

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.6

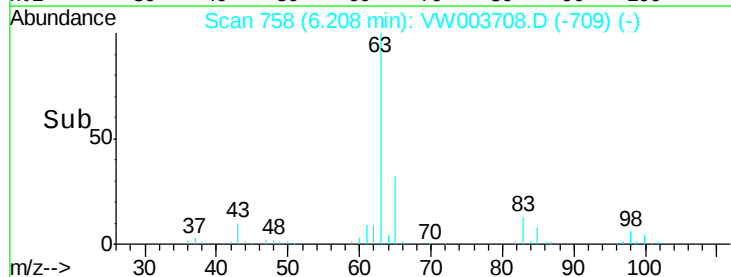
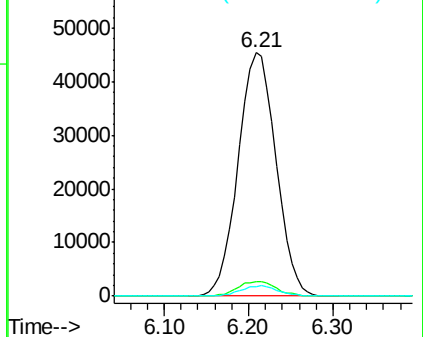
100 3.7 1.9 5.7

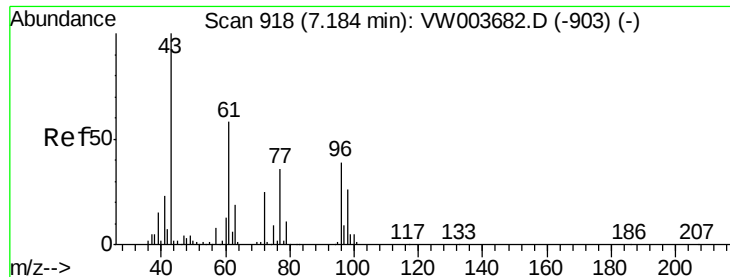


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 289.987 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampled :

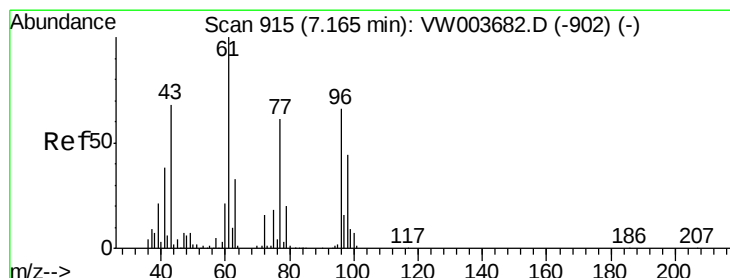
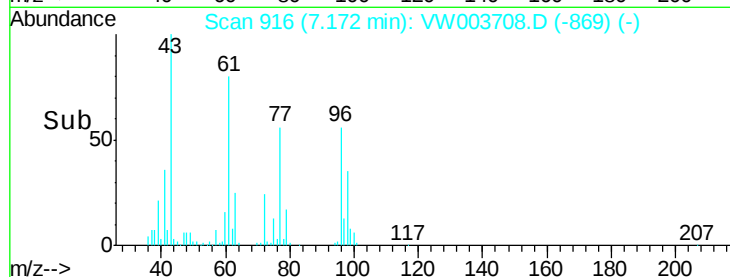
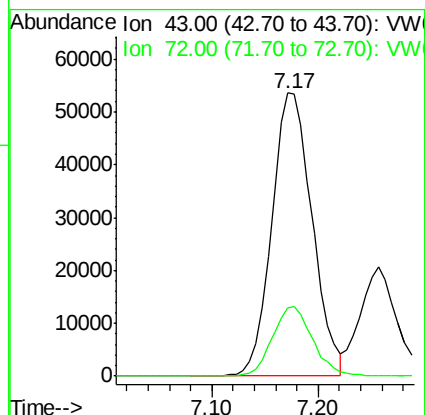
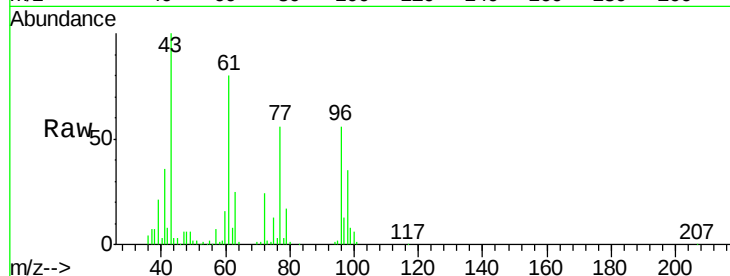
GF-G-9MS

Tgt Ion: 43 Resp: 140542

Ion Ratio Lower Upper

43 100

72 24.4 20.2 30.4



#26

2,2-Dichloropropane

Concen: 56.283 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003708.D

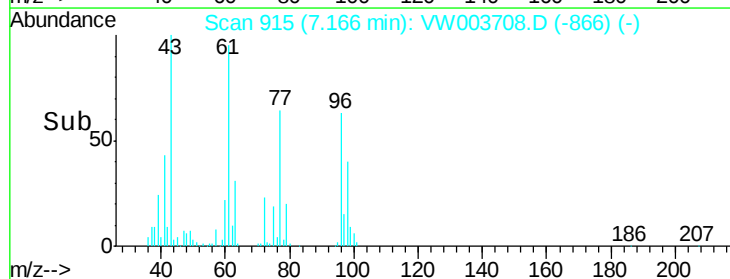
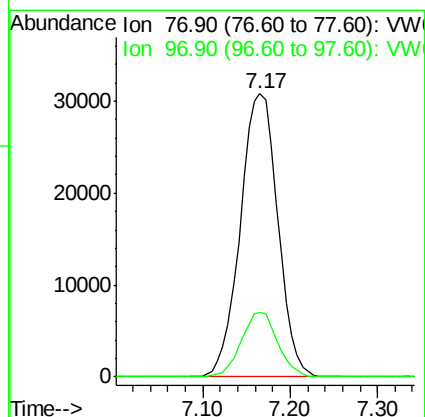
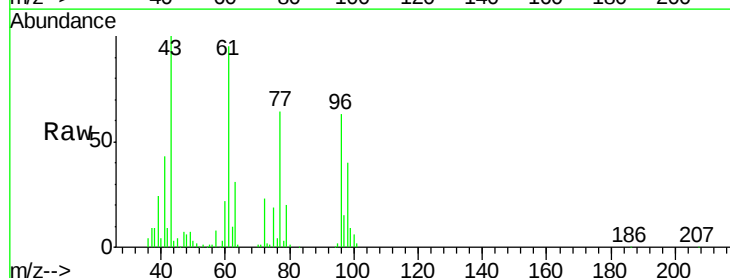
Acq: 03 Jul 2018 19:18

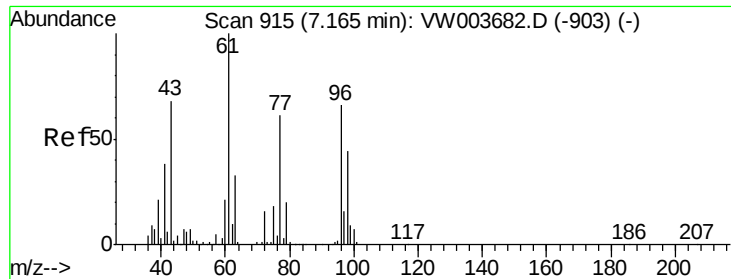
Tgt Ion: 77 Resp: 91875

Ion Ratio Lower Upper

77 100

97 22.0 11.7 35.1

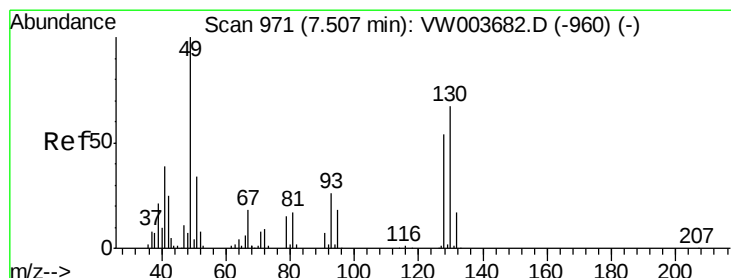
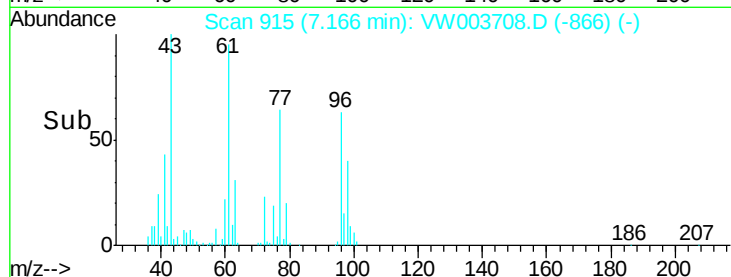
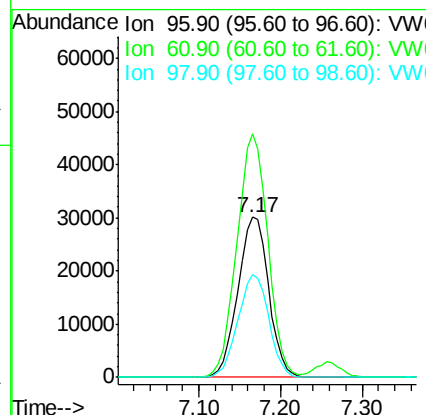
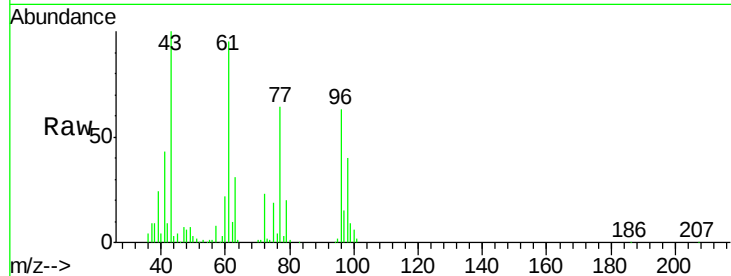




#27
 cis-1,2-Dichloroethene
 Concen: 51.816 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

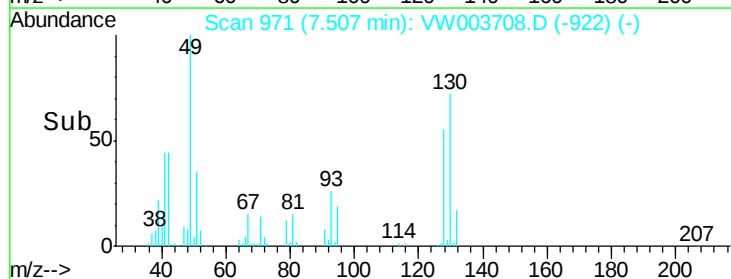
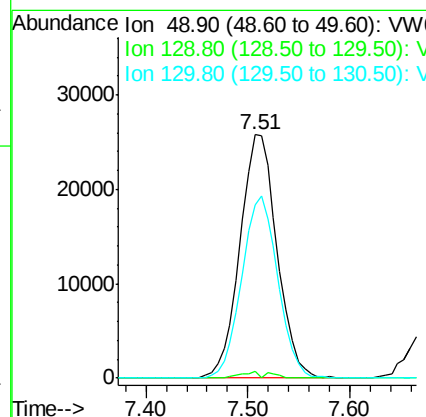
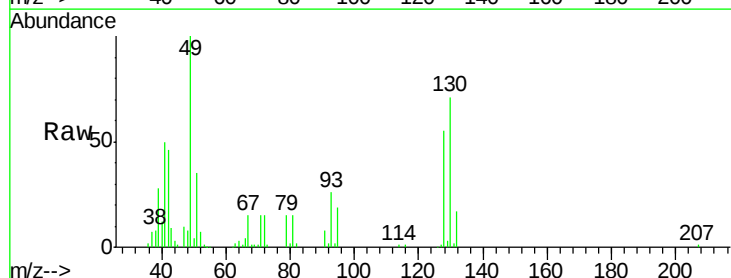
Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MS

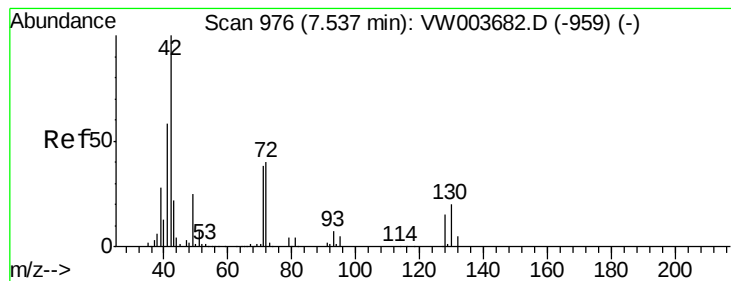
Tgt Ion: 96 Resp: 78680
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 305.0
 98 64.1 0.0 129.6



#28
 Bromochloromethane
 Concen: 55.383 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion: 49 Resp: 64812
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 0.0 57.0 85.6#





#29

Tetrahydrofuran

Concen: 302.817 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MS

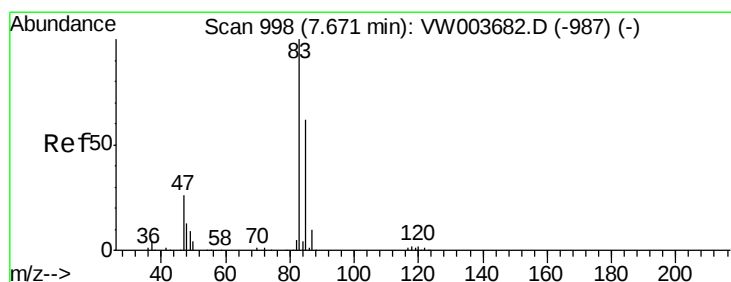
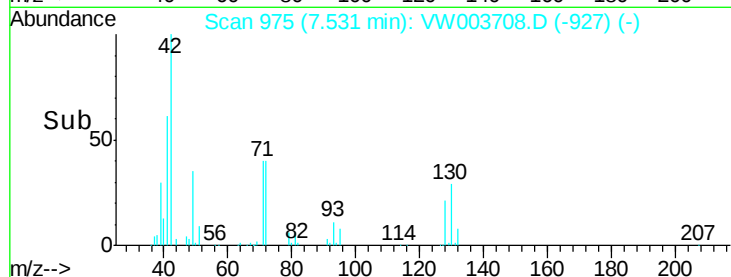
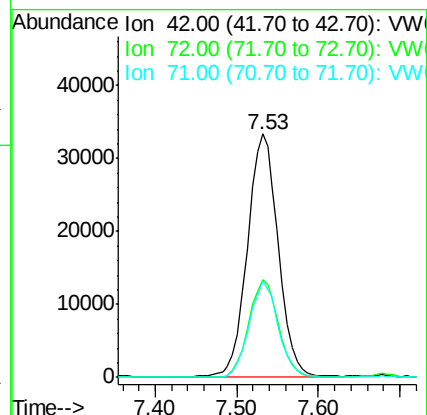
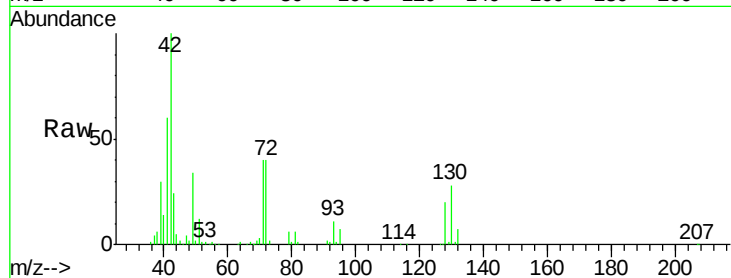
Tgt Ion: 42 Resp: 87975

Ion Ratio Lower Upper

42 100

72 38.8 32.0 48.0

71 37.1 30.2 45.2



#30

Chloroform

Concen: 53.016 ug/l

RT: 7.67 min Scan# 998

Delta R.T. 0.00 min

Lab File: VW003708.D

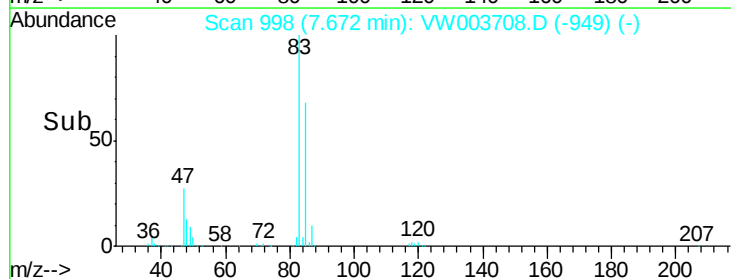
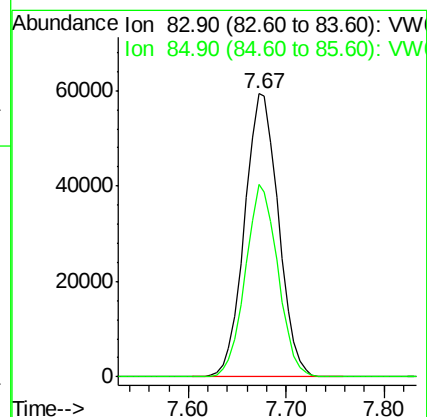
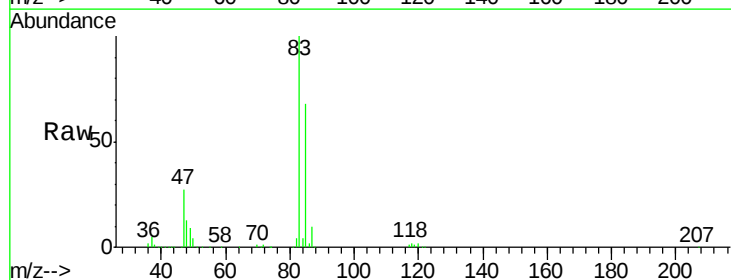
Acq: 03 Jul 2018 19:18

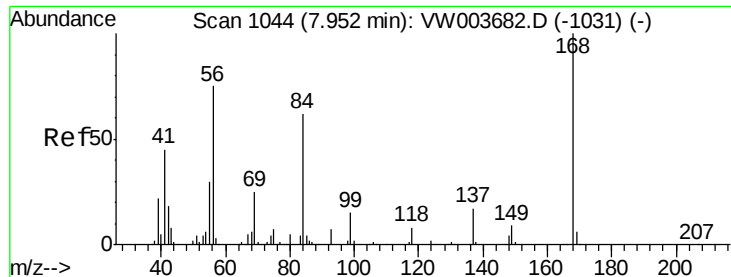
Tgt Ion: 83 Resp: 142721

Ion Ratio Lower Upper

83 100

85 68.0 49.7 74.5

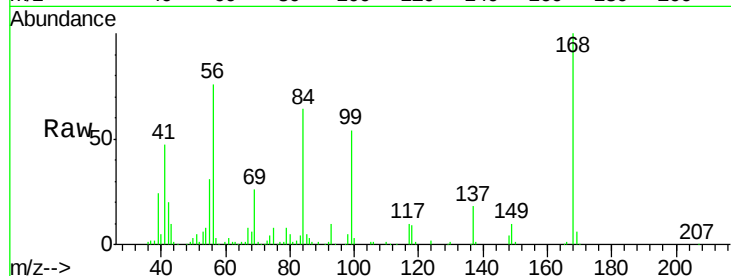




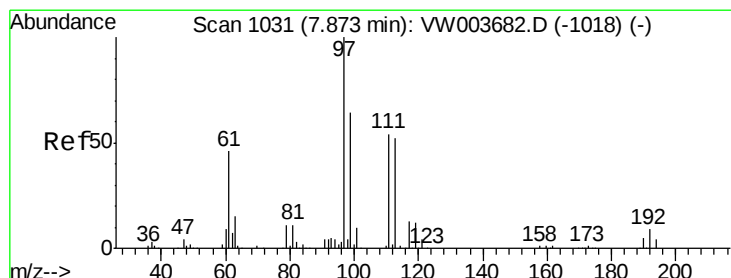
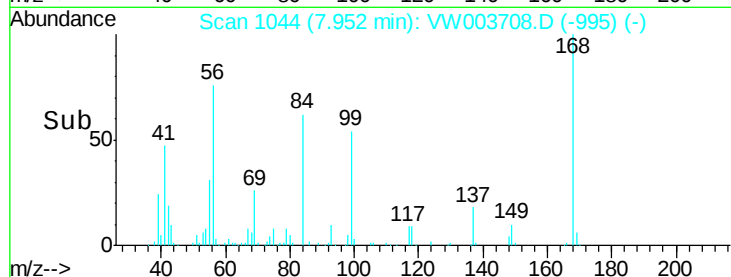
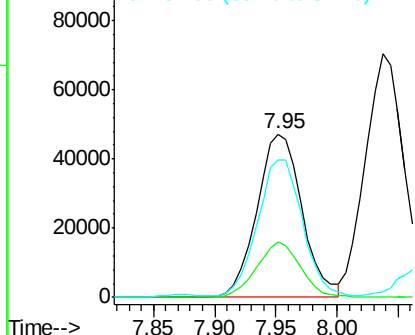
#31
Cyclohexane
Concen: 49.922 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MS

Tgt Ion: 56 Resp: 121011
Ion Ratio Lower Upper
56 100
69 33.9 27.0 40.4
84 82.0 65.4 98.0

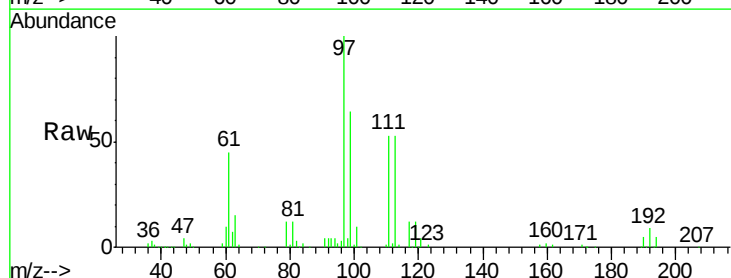


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

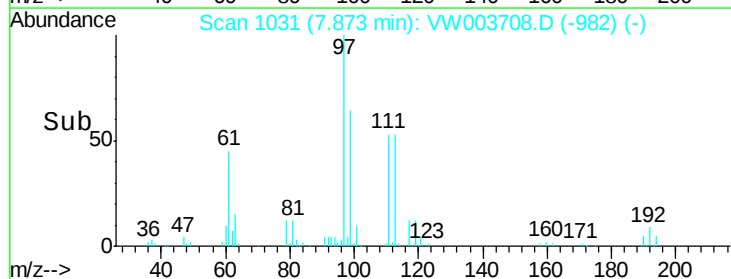
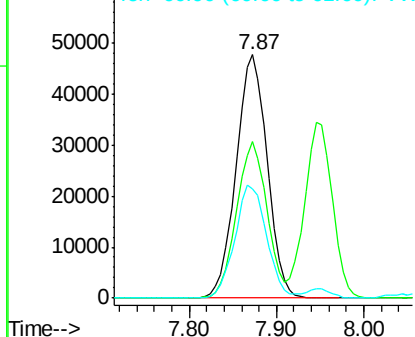


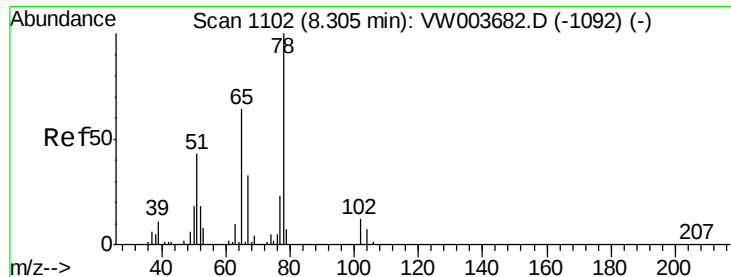
#32
1,1,1-Trichloroethane
Concen: 56.297 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion: 97 Resp: 117977
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 47.3 37.2 55.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 59.078 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

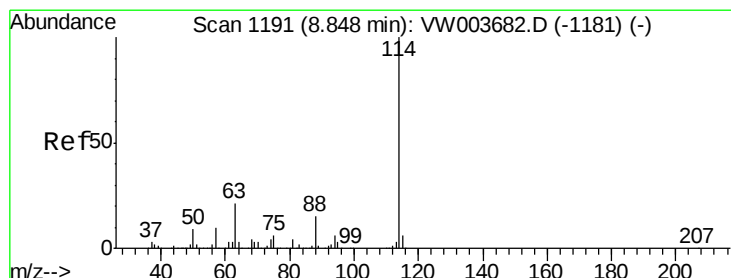
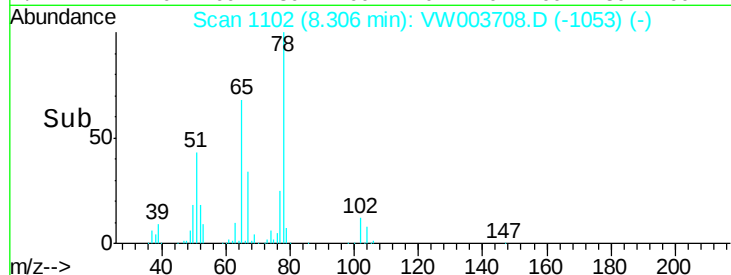
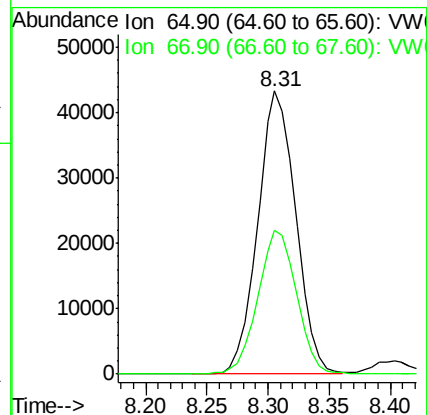
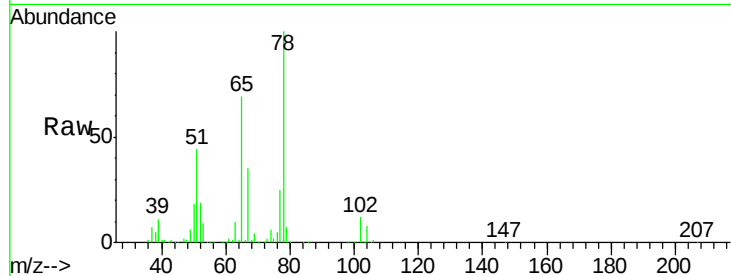
GF-G-9MS

Tgt Ion: 65 Resp: 93676

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

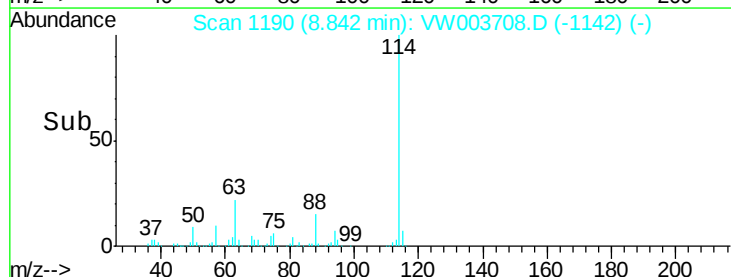
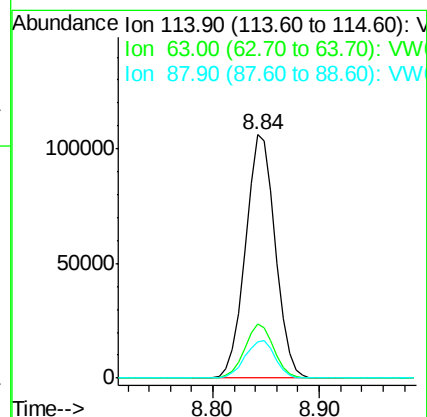
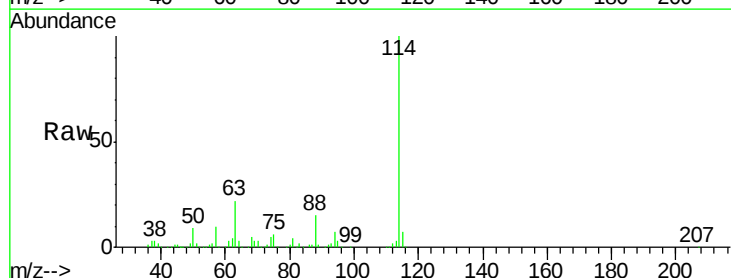
Tgt Ion: 114 Resp: 208484

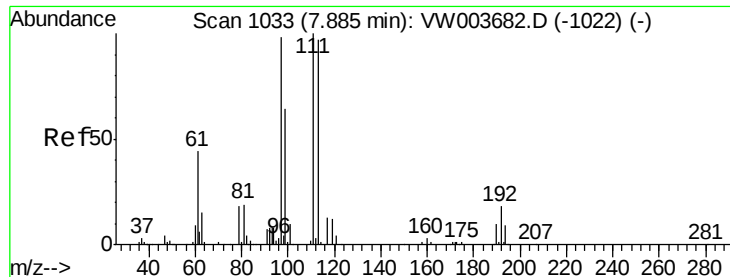
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.6

88 15.1 0.0 29.8

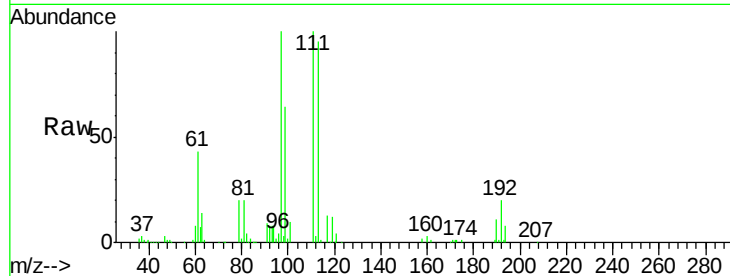




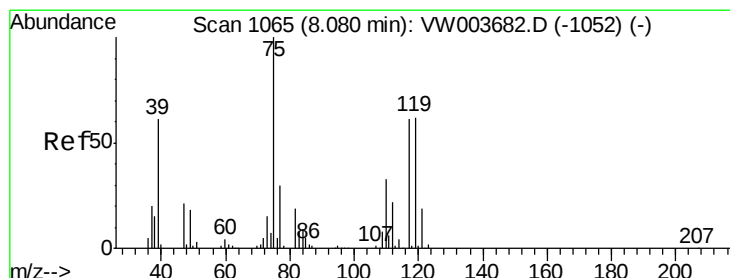
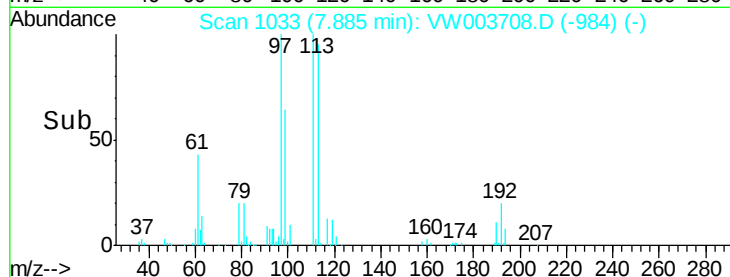
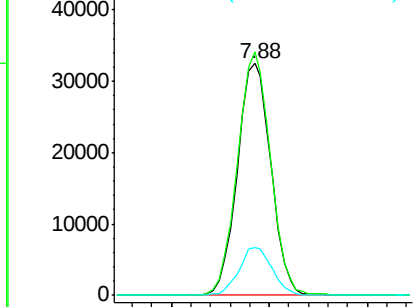
#35
 Dibromofluoromethane
 Concen: 56.824 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MS

Tgt Ion: 113 Resp: 77266
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 20.5 15.8 23.6

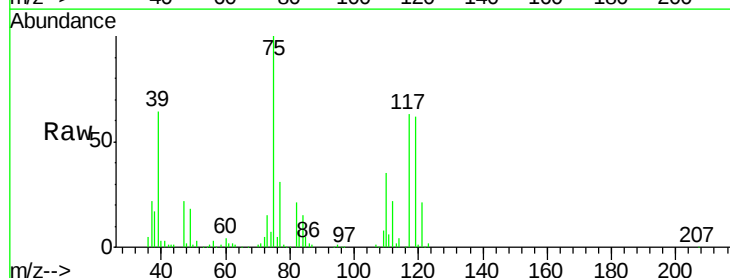


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

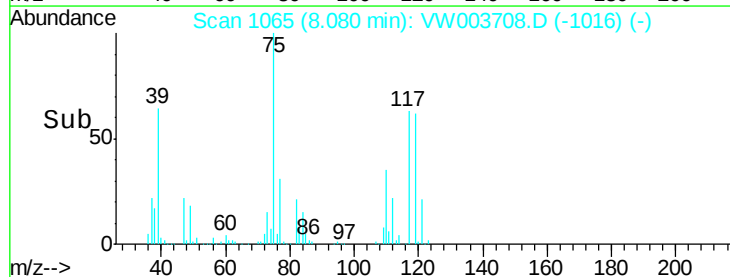
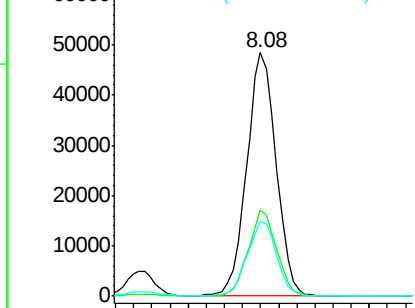


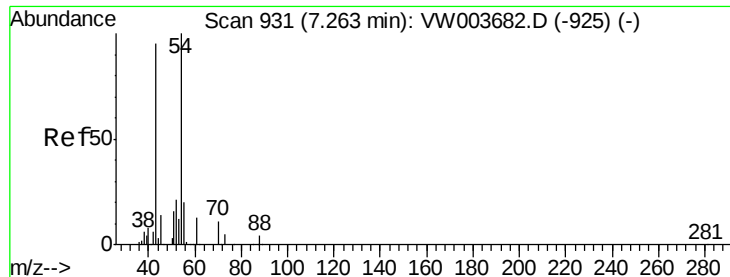
#36
 1,1-Dichloropropene
 Concen: 51.936 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion: 75 Resp: 108694
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 30.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

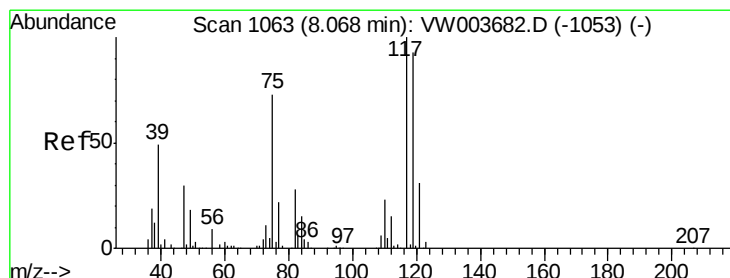
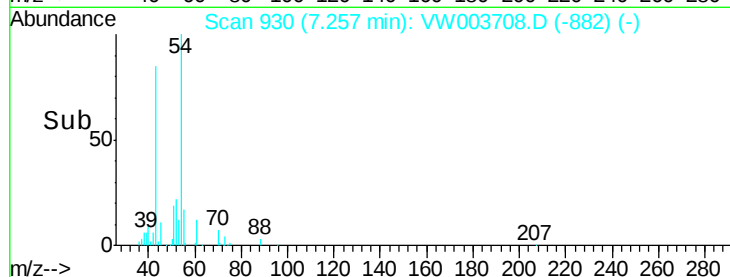
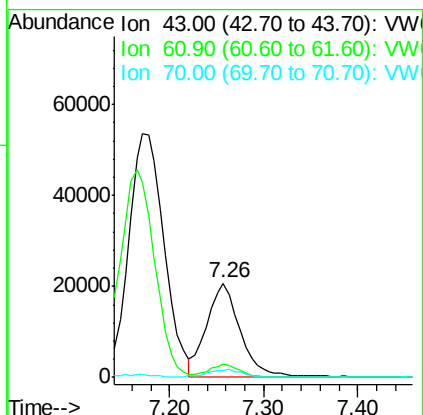
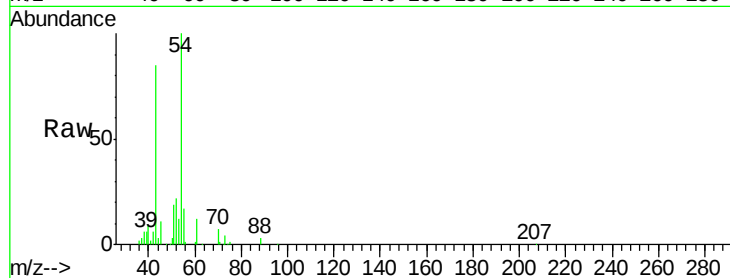




#37
Ethyl Acetate
Concen: 49.781 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

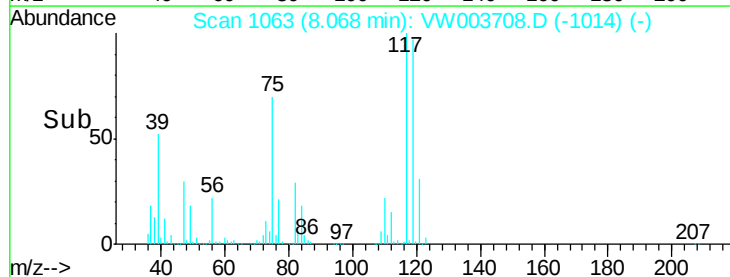
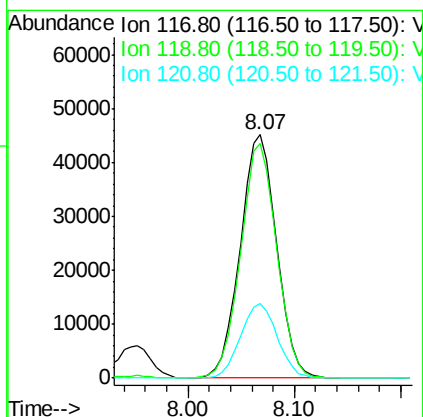
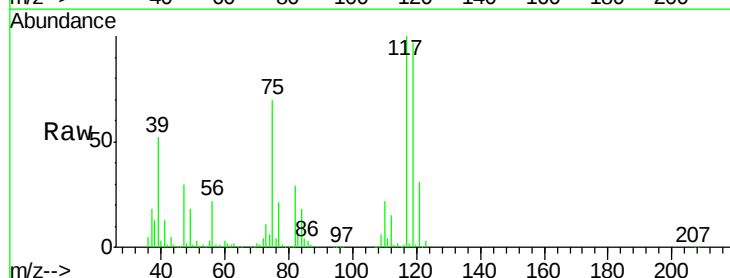
Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MS

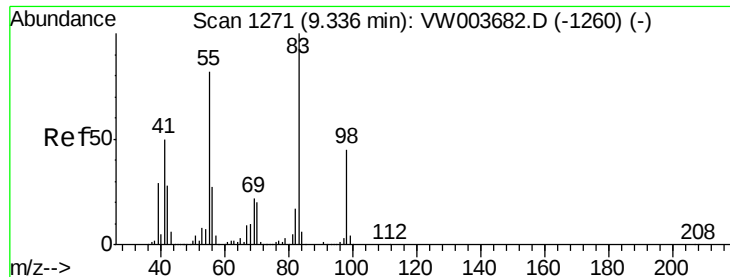
Tgt Ion: 43 Resp: 50712
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 8.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 54.435 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion: 117 Resp: 108375
Ion Ratio Lower Upper
117 100
119 96.5 74.1 111.1
121 30.7 25.0 37.4

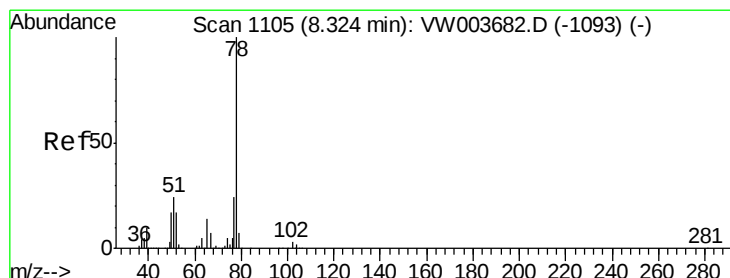
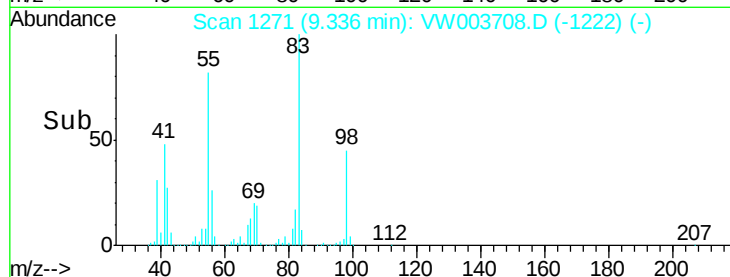
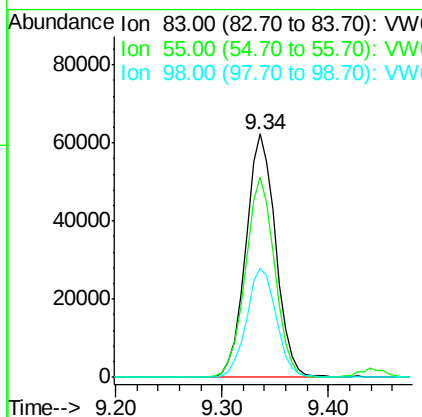
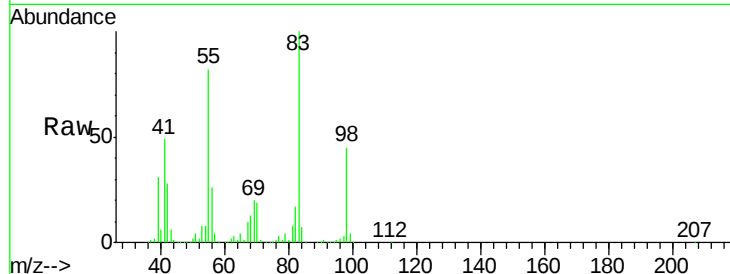




#39
Methylcyclohexane
Concen: 50.802 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

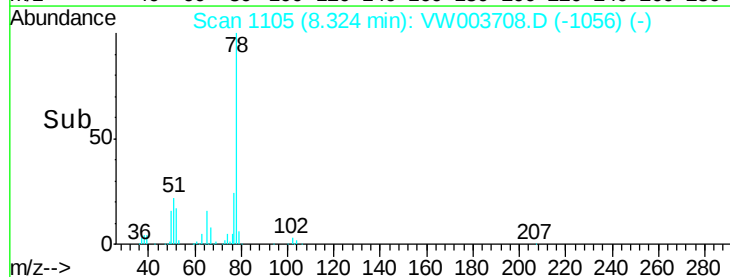
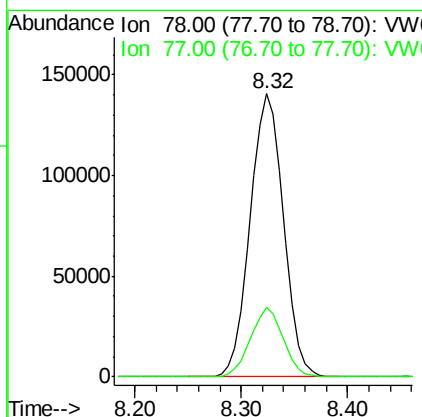
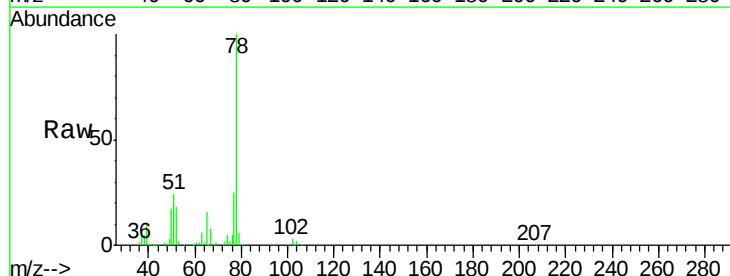
Instrument :
MSVOA_W
ClientSampled :
GF-G-9MS

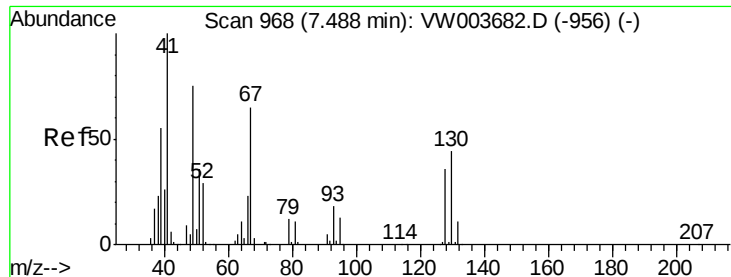
Tgt Ion: 83 Resp: 122435
Ion Ratio Lower Upper
83 100
55 82.0 65.3 97.9
98 45.1 36.3 54.5



#40
Benzene
Concen: 52.565 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion: 78 Resp: 309200
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0





#41

Methacrylonitrile

Concen: 55.011 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MS

Tgt Ion: 41 Resp: 31853

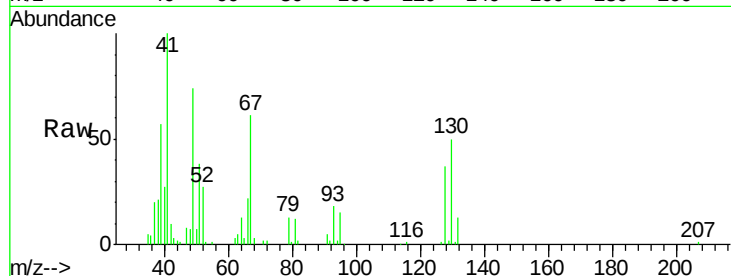
Ion Ratio Lower Upper

41 100

39 56.0 47.8 71.8

67 70.9 53.9 80.9

52 33.4 25.0 37.6

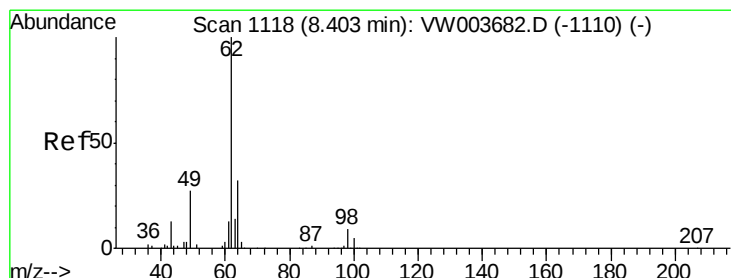
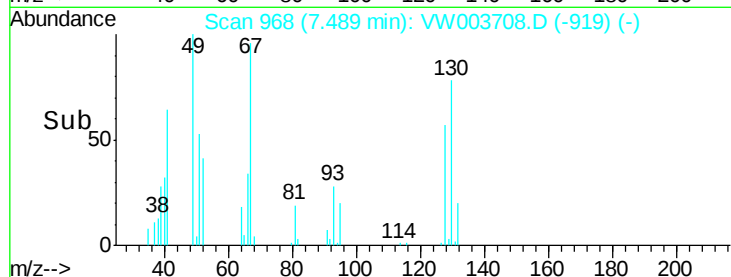
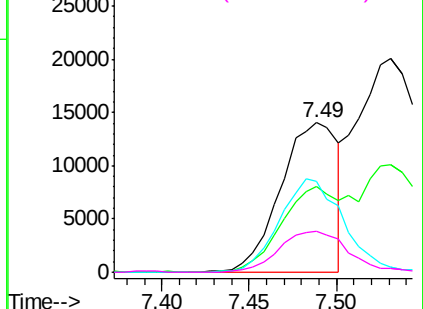


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 57.099 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003708.D

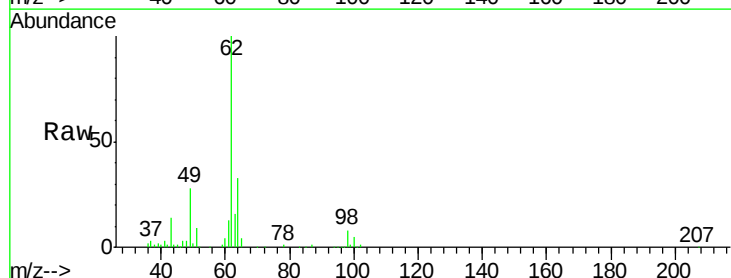
Acq: 03 Jul 2018 19:18

Tgt Ion: 62 Resp: 105757

Ion Ratio Lower Upper

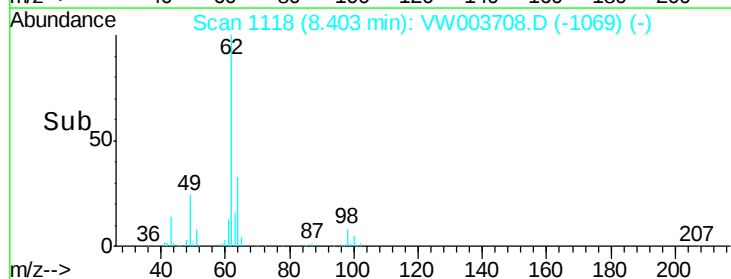
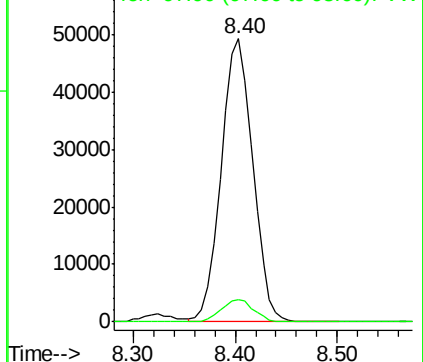
62 100

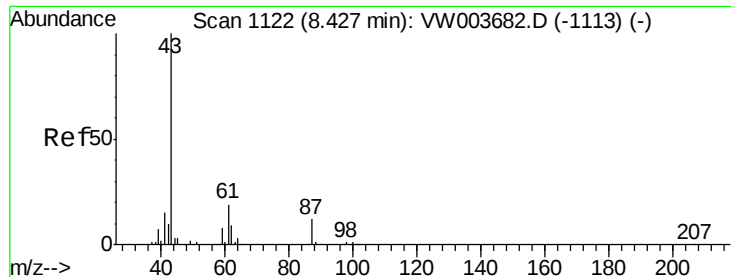
98 8.1 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.017 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MS

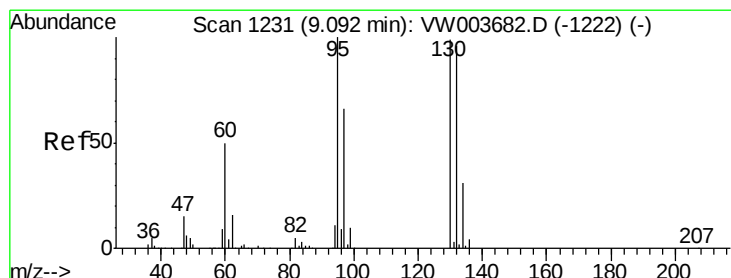
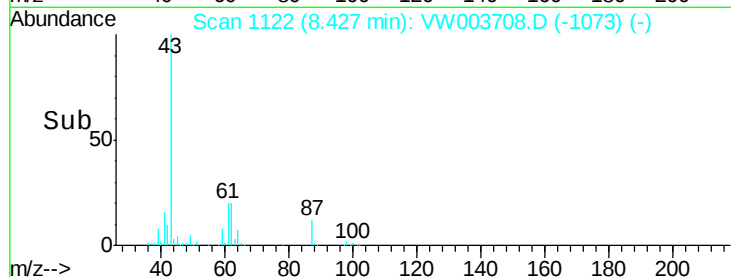
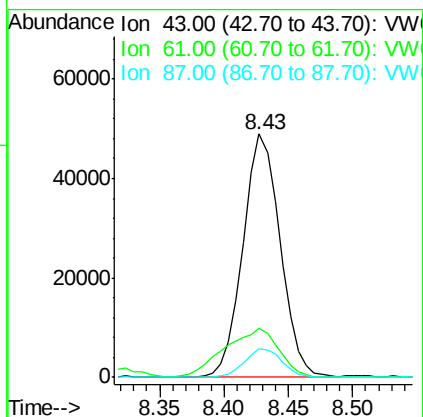
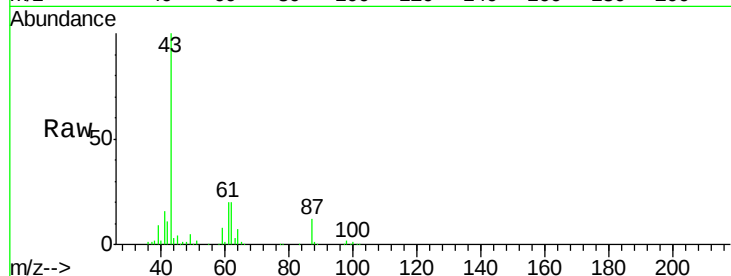
Tgt Ion: 43 Resp: 97881

Ion Ratio Lower Upper

43 100

61 29.5 23.0 34.6

87 12.0 9.8 14.6



#44

Trichloroethene

Concen: 51.242 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003708.D

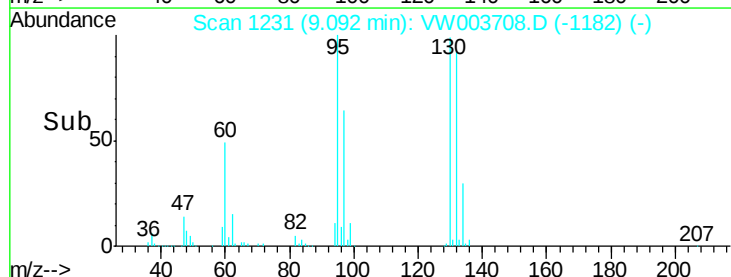
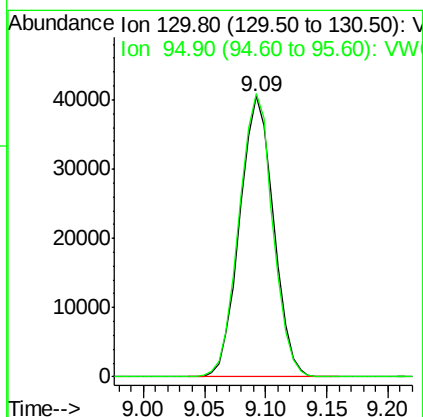
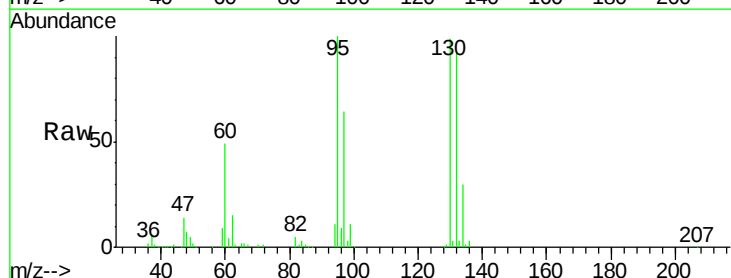
Acq: 03 Jul 2018 19:18

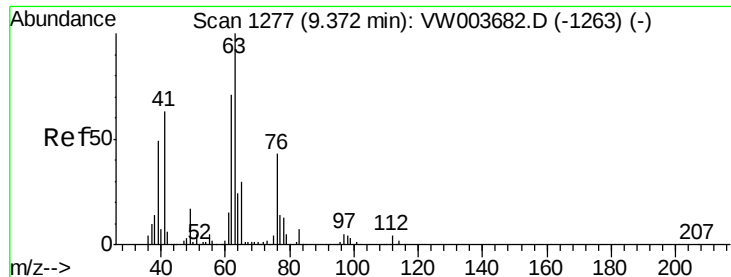
Tgt Ion: 130 Resp: 77920

Ion Ratio Lower Upper

130 100

95 101.0 0.0 202.6

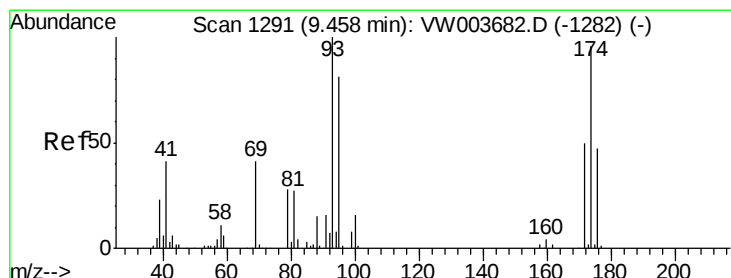
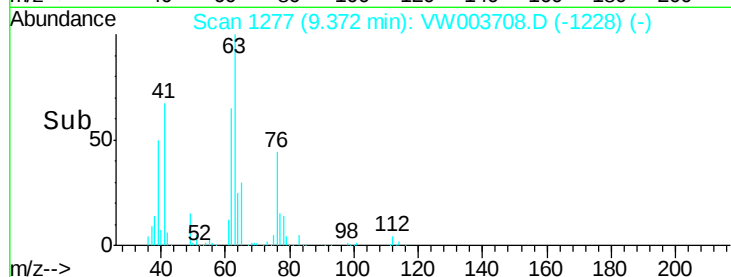
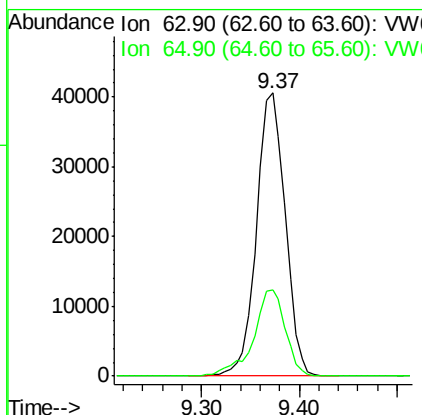
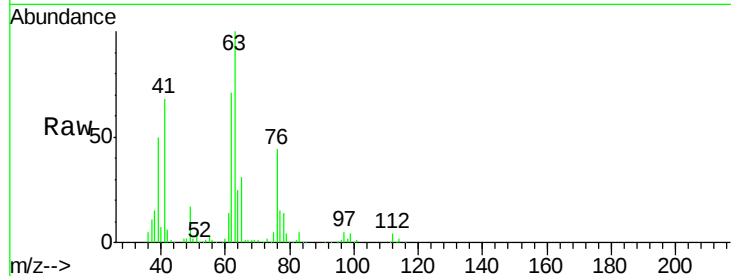




#45
 1,2-Dichloropropane
 Concen: 54.229 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

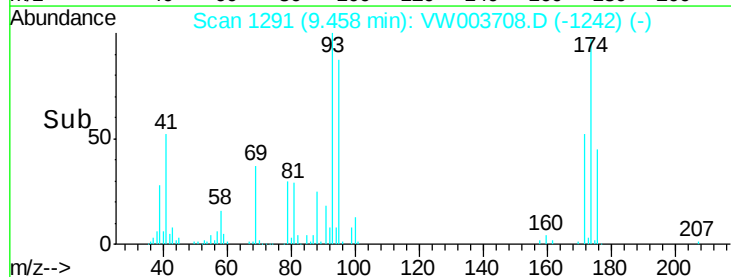
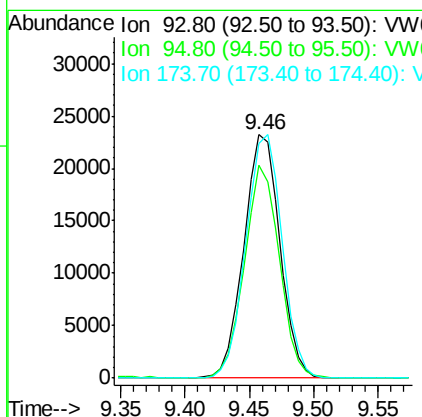
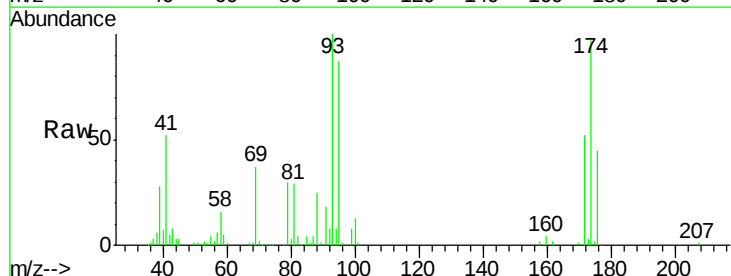
Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

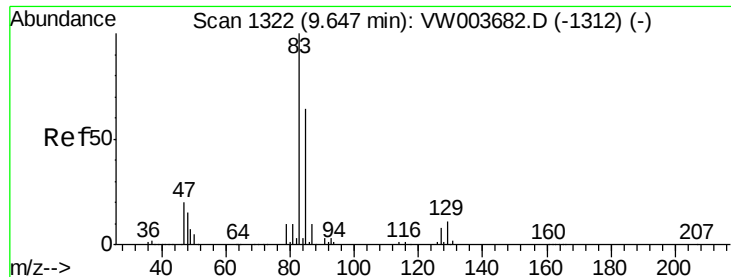
Tgt Ion: 63 Resp: 82748
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5



#46
 Dibromomethane
 Concen: 56.644 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion: 93 Resp: 44888
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.2 99.4
 174 100.8 79.6 119.4





#47

Bromodichloromethane

Concen: 55.527 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MS

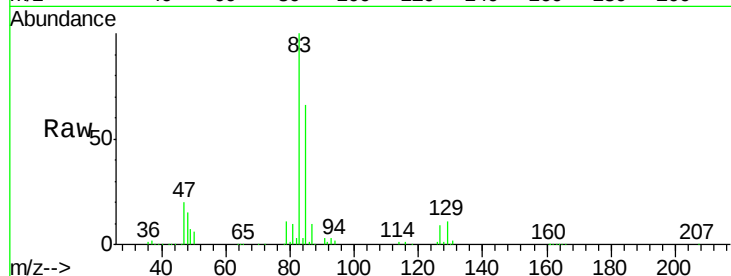
Tgt Ion: 83 Resp: 108775

Ion Ratio Lower Upper

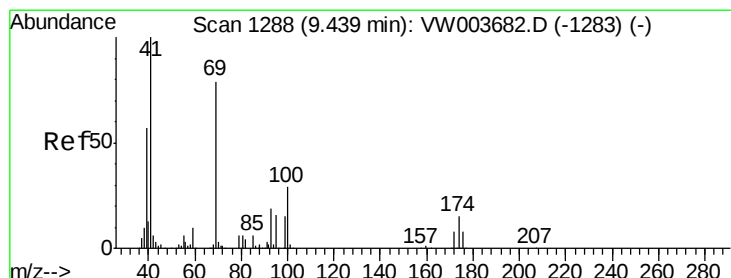
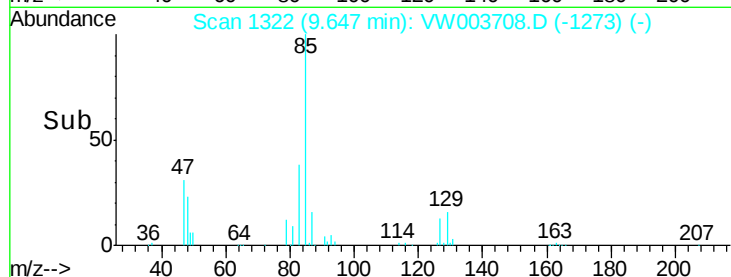
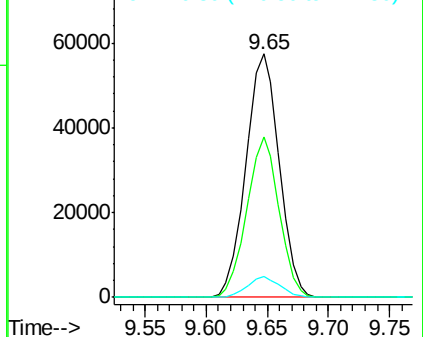
83 100

85 65.7 51.1 76.7

127 8.8 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.727 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

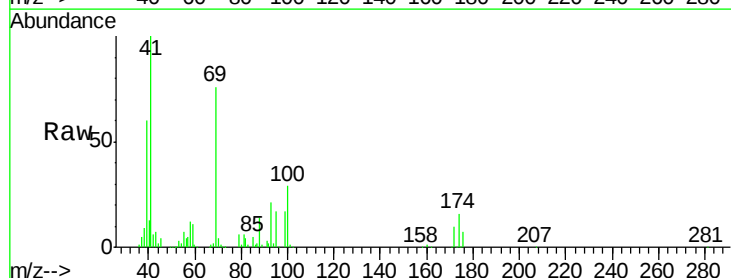
Tgt Ion: 41 Resp: 56918

Ion Ratio Lower Upper

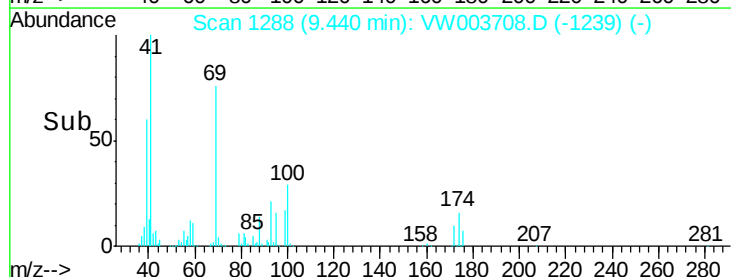
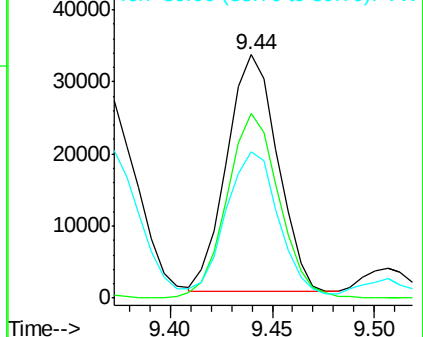
41 100

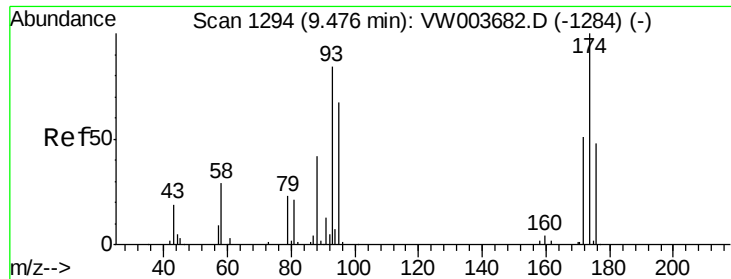
69 80.0 65.4 98.2

39 64.0 50.0 75.0



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1111.540 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. -0.03 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampled :

GF-G-9MS

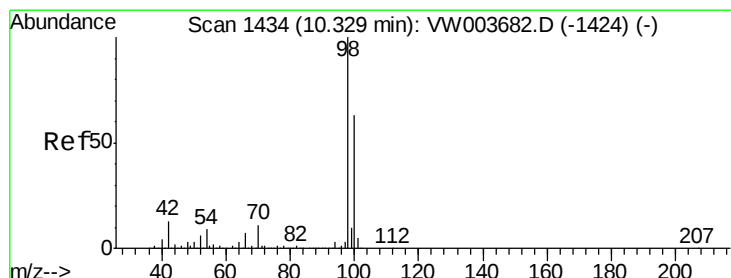
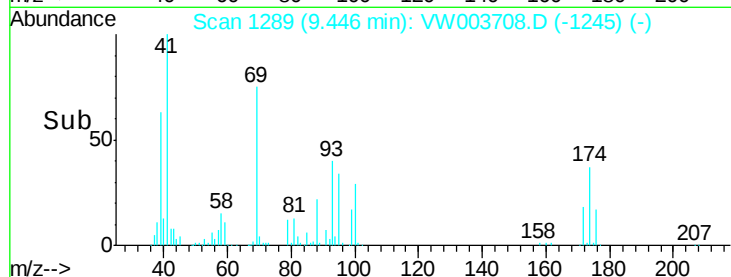
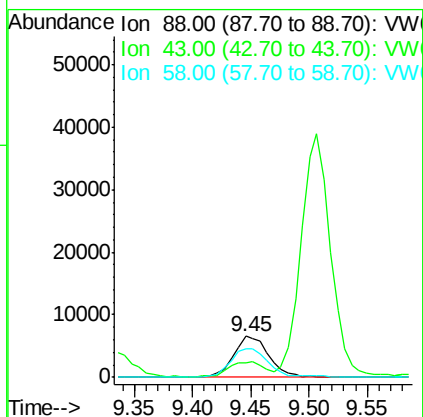
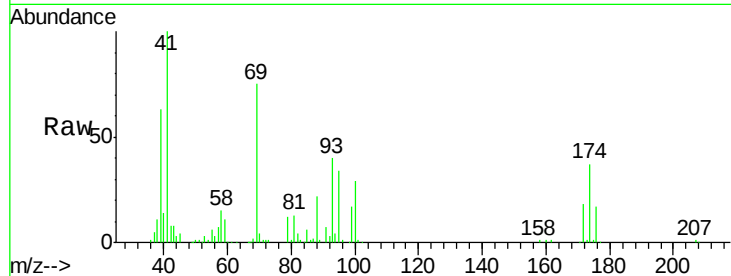
Tgt Ion: 88 Resp: 13818

Ion Ratio Lower Upper

88 100

43 37.0 0.0 0.0#

58 77.2 61.8 92.6



#50

Toluene-d8

Concen: 55.805 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003708.D

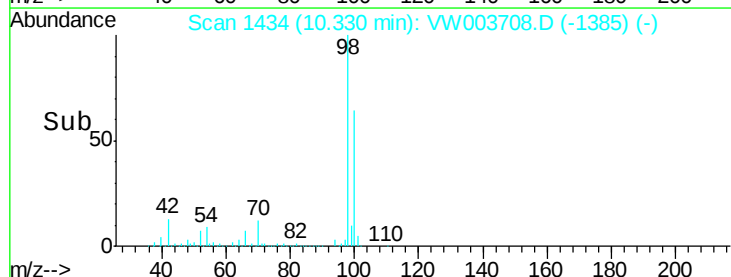
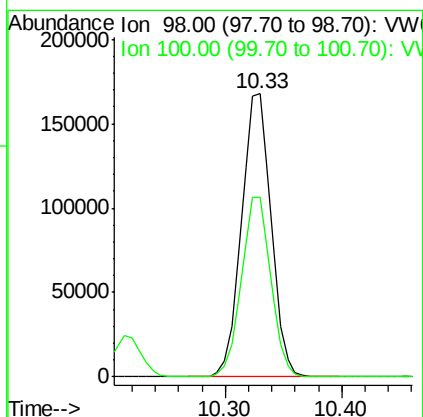
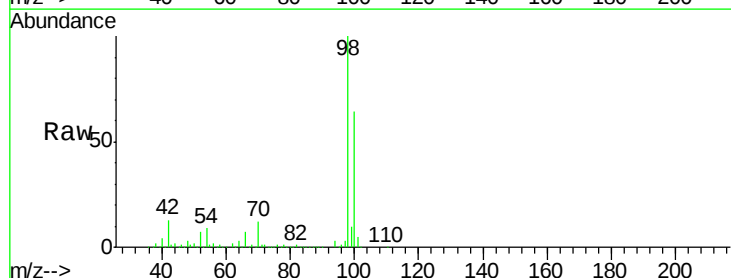
Acq: 03 Jul 2018 19:18

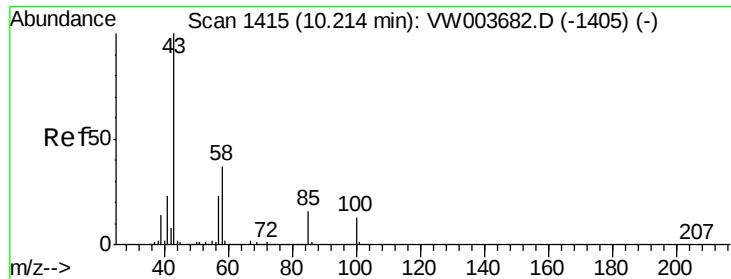
Tgt Ion: 98 Resp: 297884

Ion Ratio Lower Upper

98 100

100 63.2 50.8 76.2

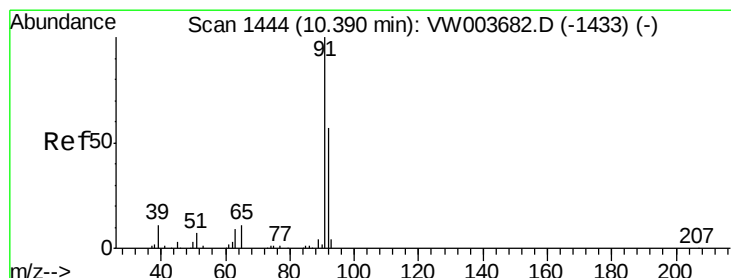
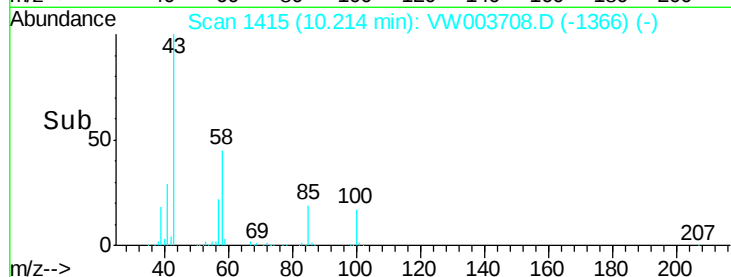
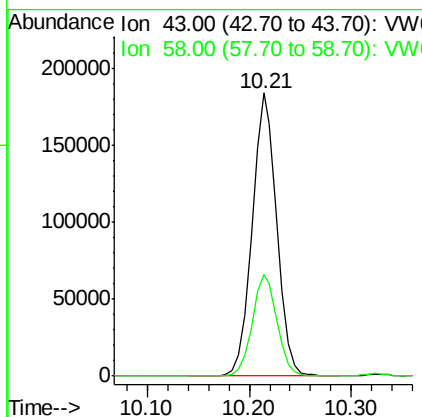
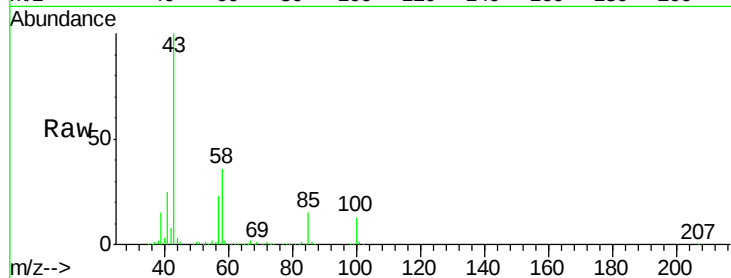




#51
 4-Methyl-2-Pentanone
 Concen: 304.606 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

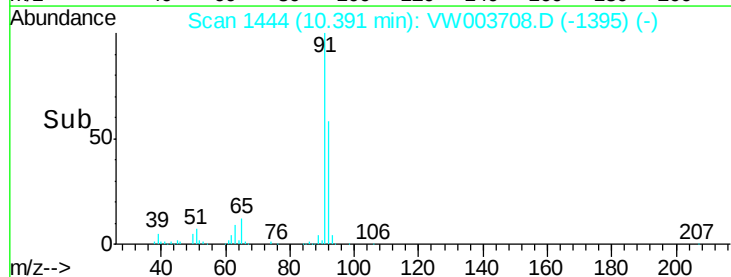
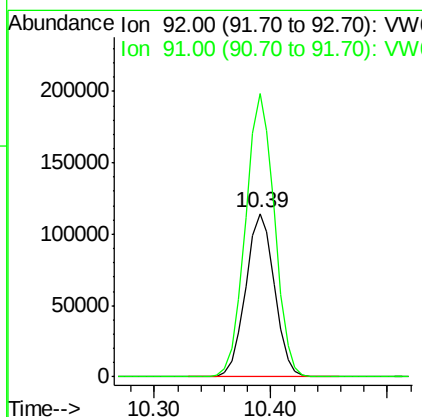
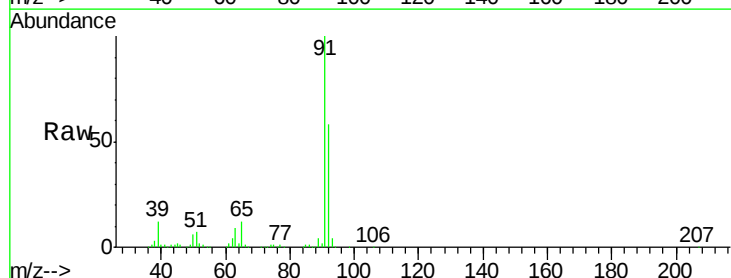
Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

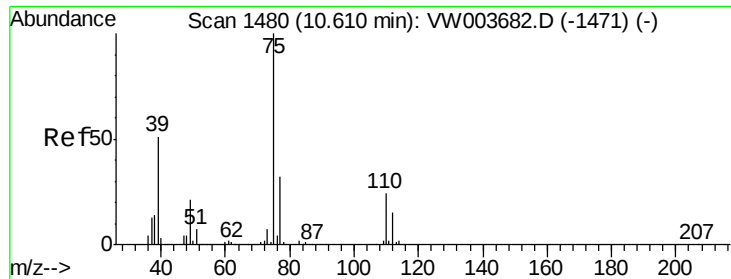
Tgt Ion: 43 Resp: 307952
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.6 44.4



#52
 Toluene
 Concen: 53.843 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion: 92 Resp: 197647
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.2 210.2

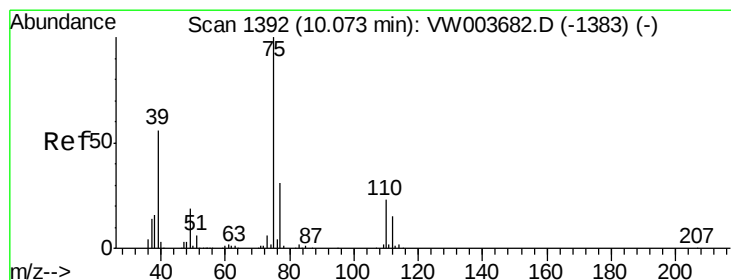
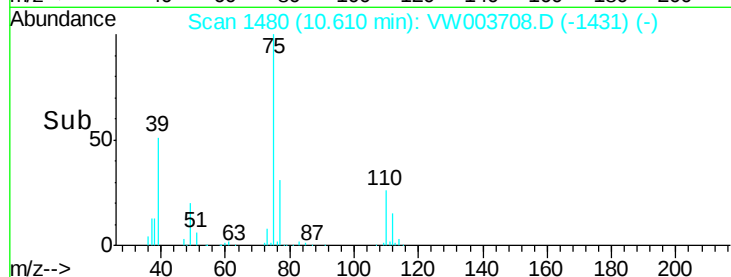
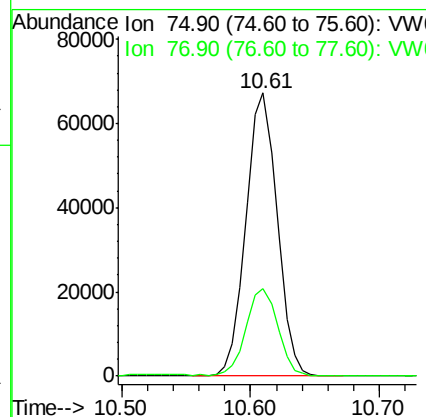
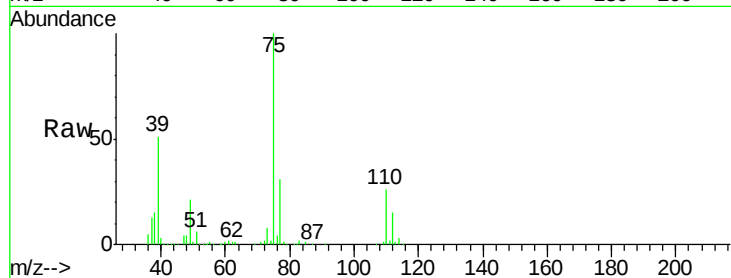




#53
t-1,3-Dichloropropene
Concen: 55.355 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

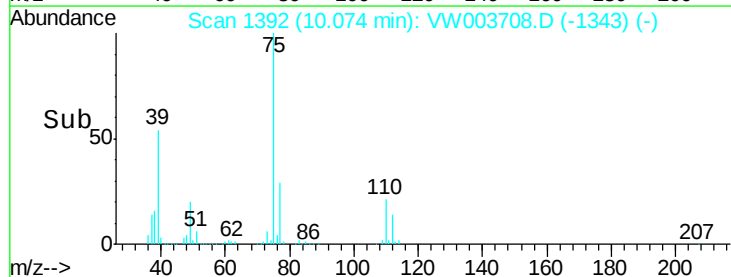
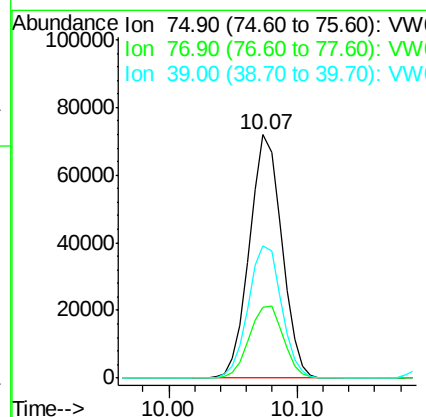
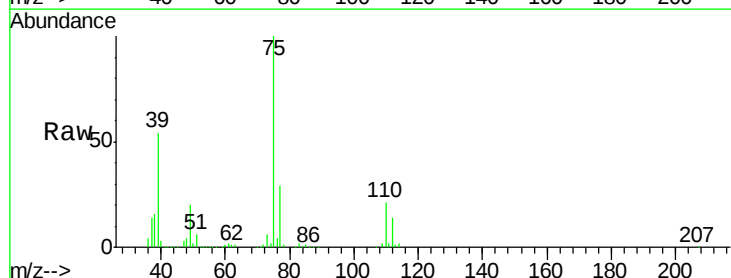
Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MS

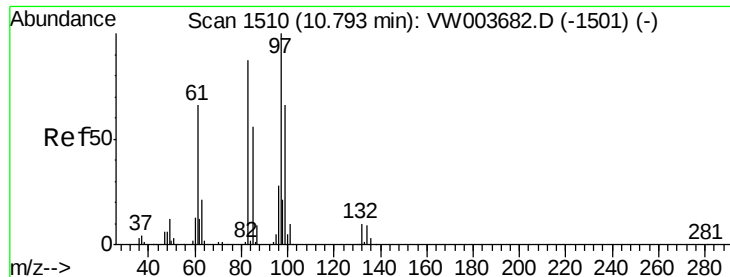
Tgt Ion: 75 Resp: 112499
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 54.193 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion: 75 Resp: 124865
Ion Ratio Lower Upper
75 100
77 29.2 24.9 37.3
39 54.3 44.6 67.0

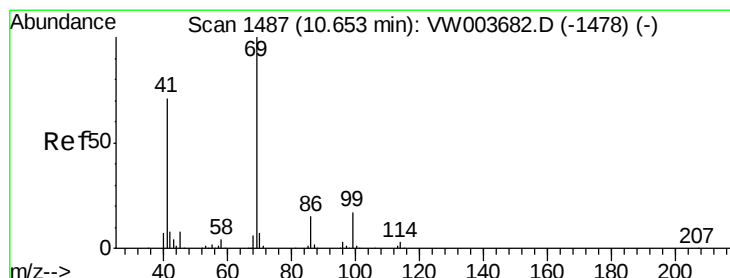
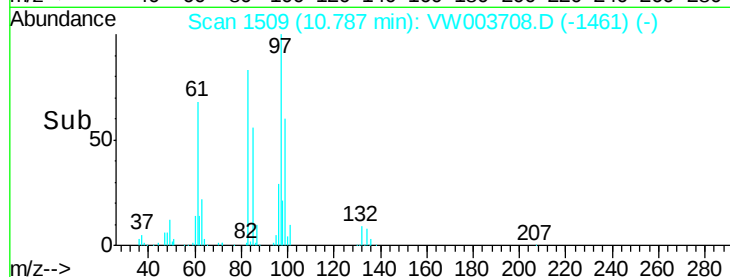
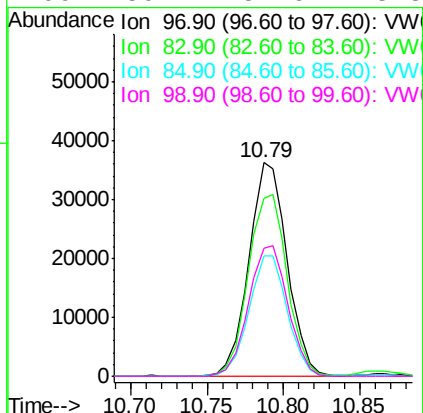
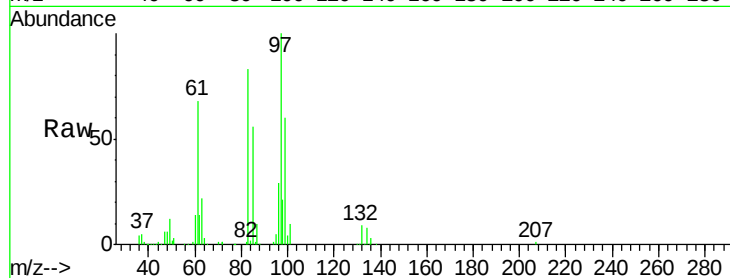




#55
 1,1,2-Trichloroethane
 Concen: 56.326 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

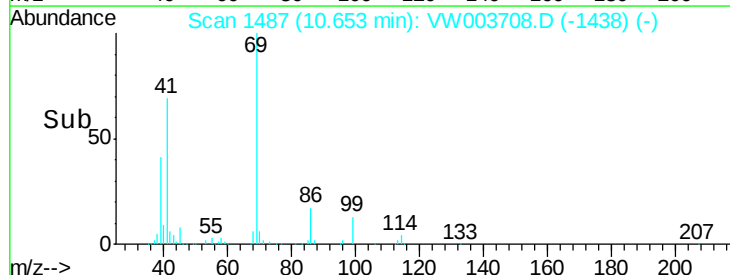
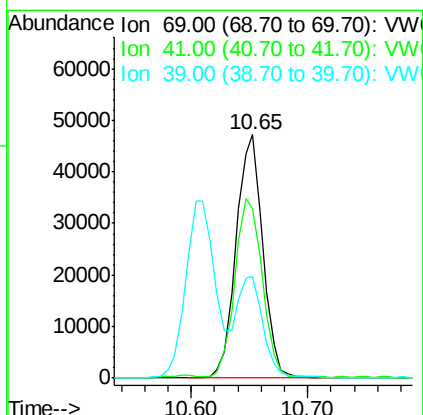
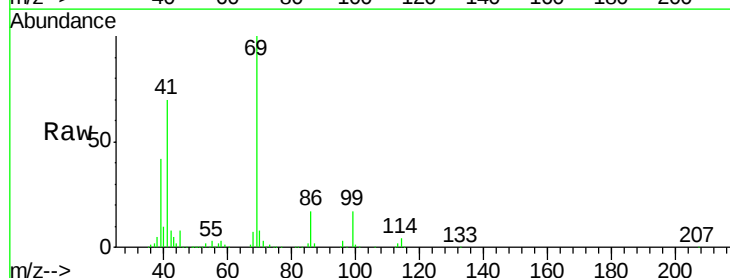
Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

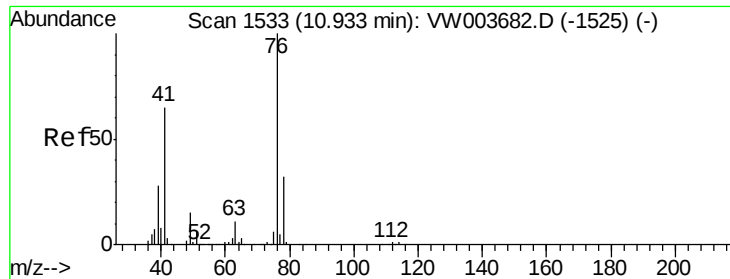
Tgt Ion: 97 Resp: 62886
 Ion Ratio Lower Upper
 97 100
 83 83.2 69.5 104.3
 85 56.1 44.7 67.1
 99 59.7 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 47.703 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion: 69 Resp: 75299
 Ion Ratio Lower Upper
 69 100
 41 75.4 57.5 86.3
 39 43.0 29.4 44.0

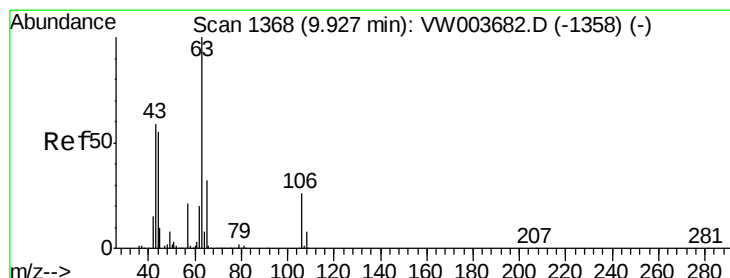
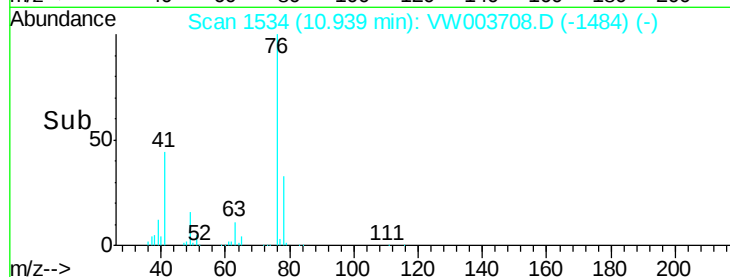
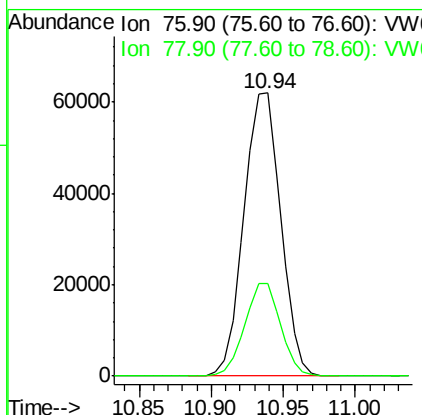
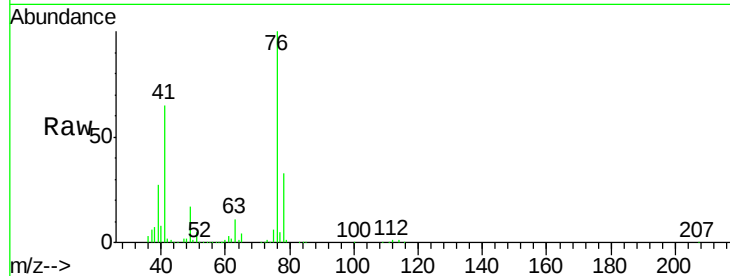




#57
 1,3-Dichloropropane
 Concen: 56.595 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

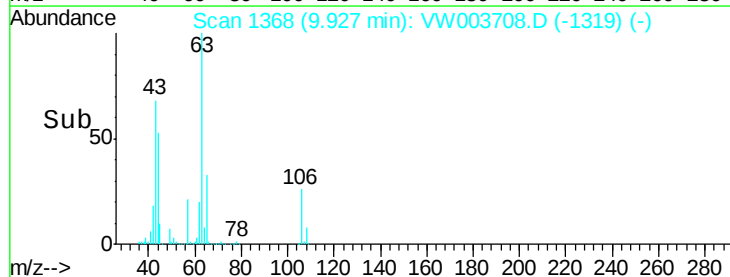
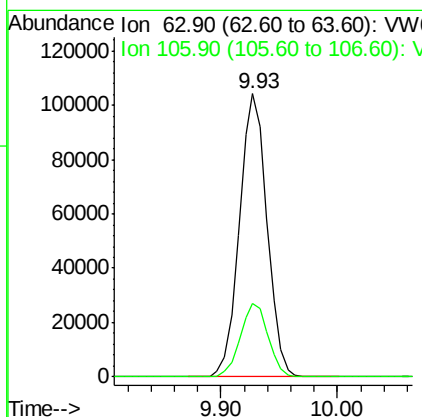
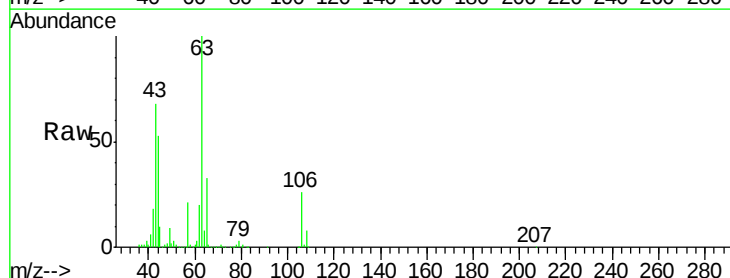
Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

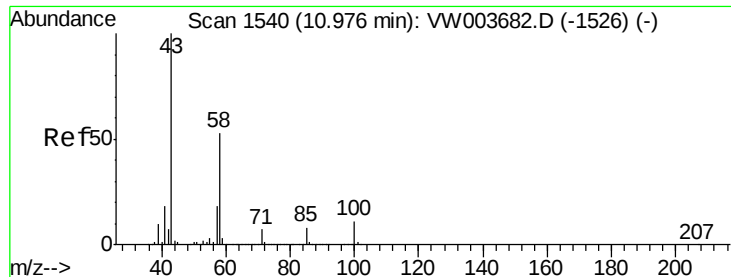
Tgt Ion: 76 Resp: 109765
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 288.154 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion: 63 Resp: 171960
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.7 31.1

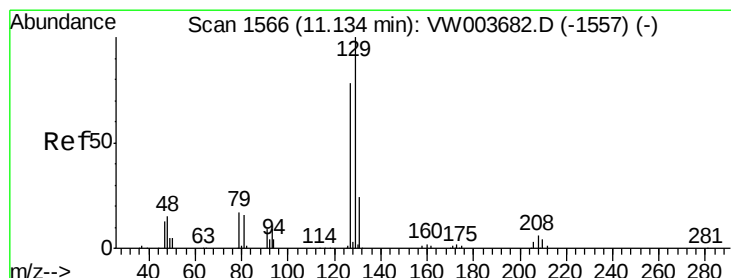
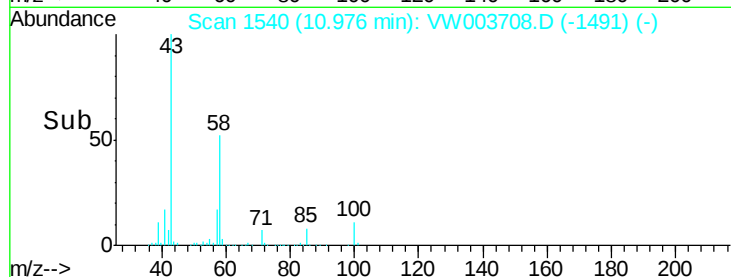
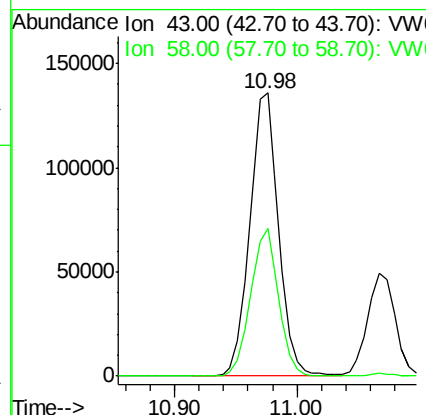
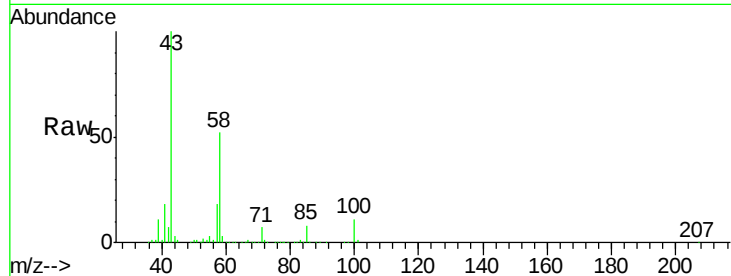




#59
2-Hexanone
Concen: 305.804 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

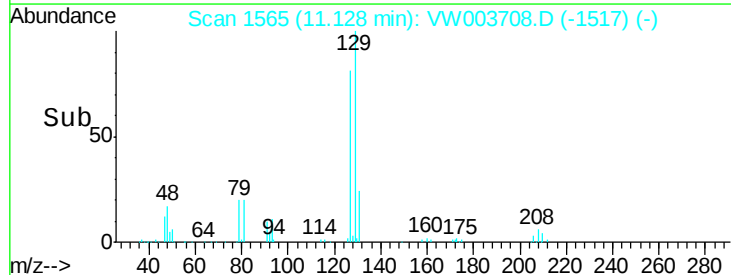
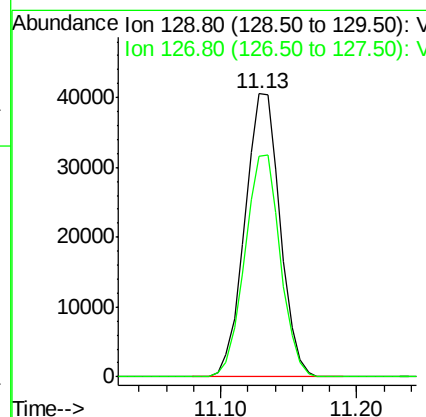
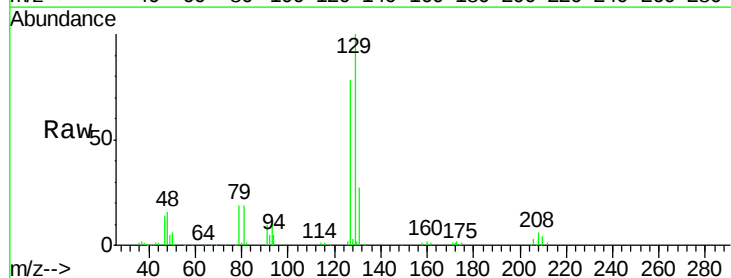
Instrument :
MSVOA_W
ClientSampled :
GF-G-9MS

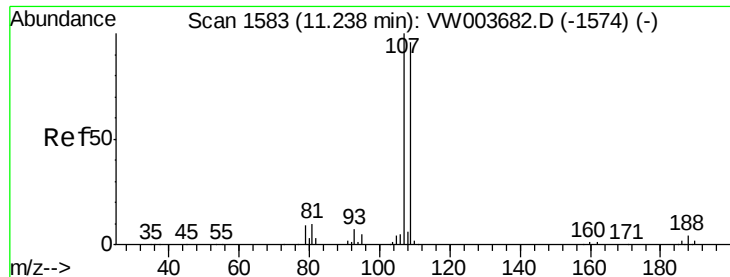
Tgt Ion: 43 Resp: 221001
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.6



#60
Dibromochloromethane
Concen: 56.318 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion: 129 Resp: 73505
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 56.347 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

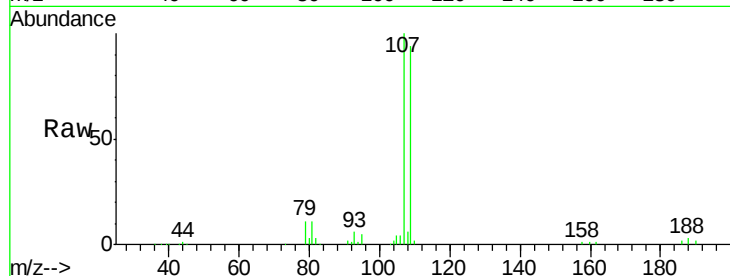
GF-G-9MS

Tgt Ion: 107 Resp: 60256

Ion Ratio Lower Upper

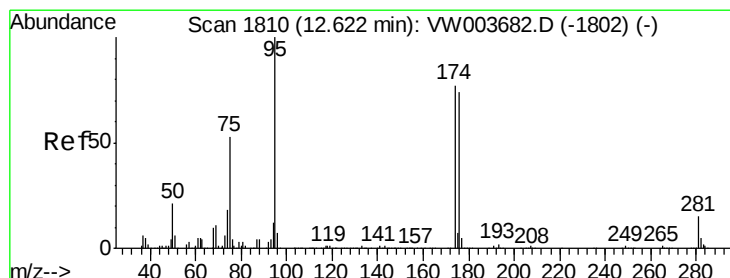
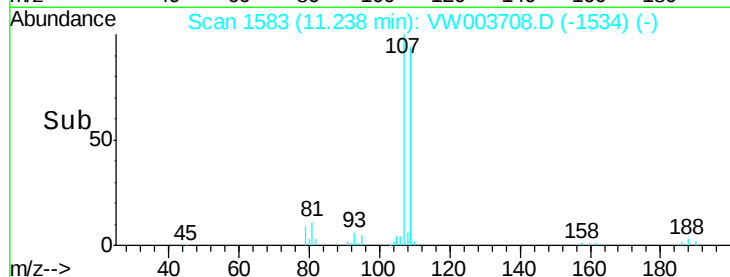
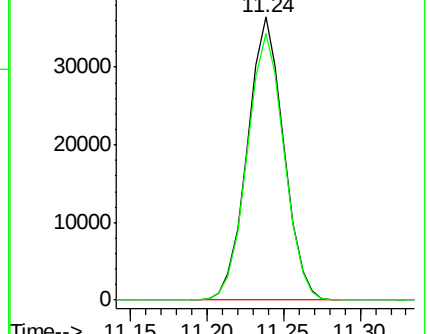
107 100

109 96.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.807 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

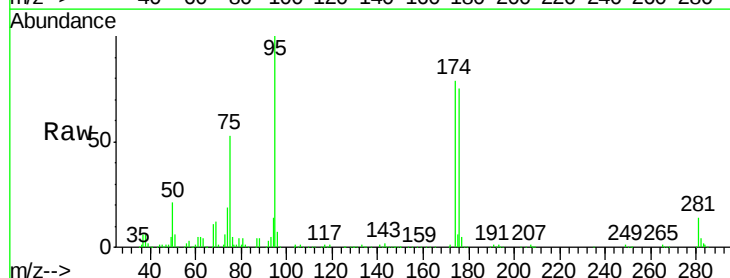
Tgt Ion: 95 Resp: 107020

Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.2

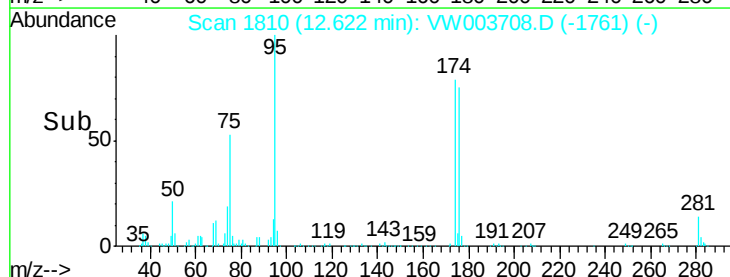
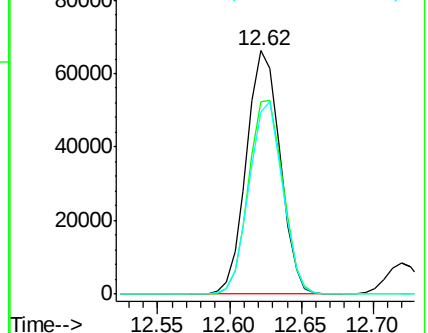
176 78.5 0.0 155.0

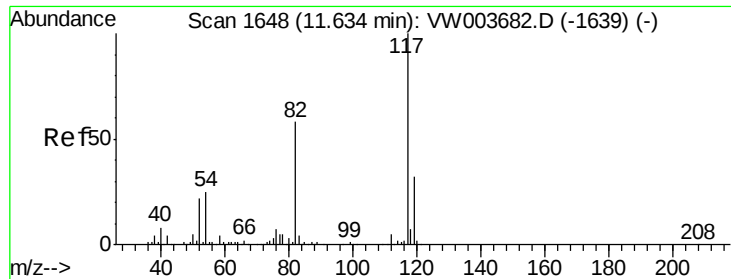


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

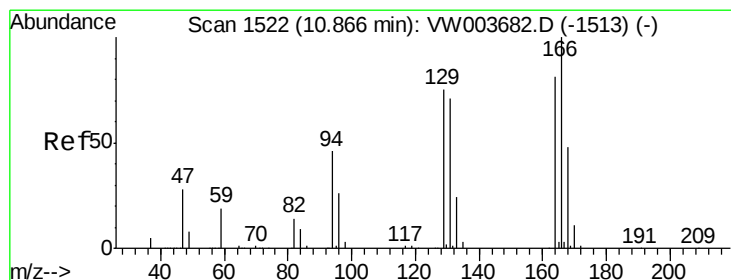
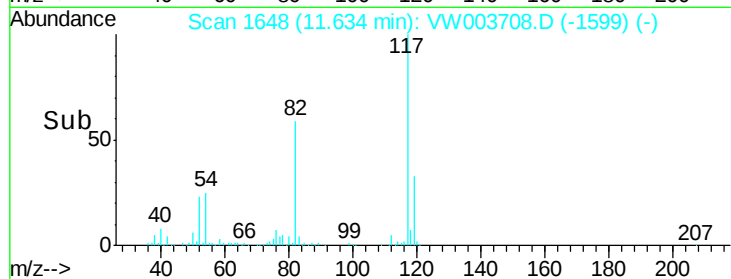
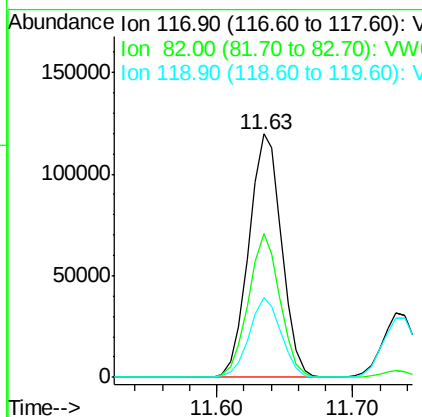
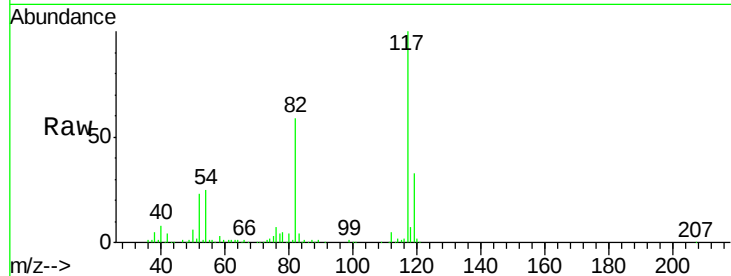




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

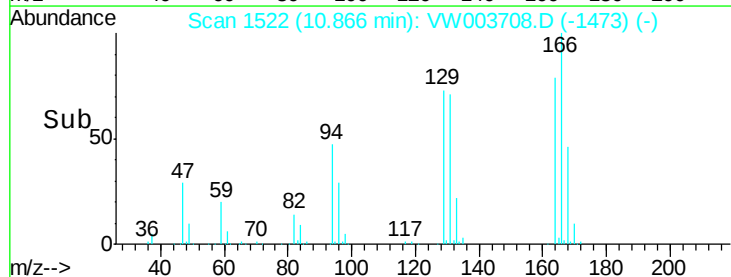
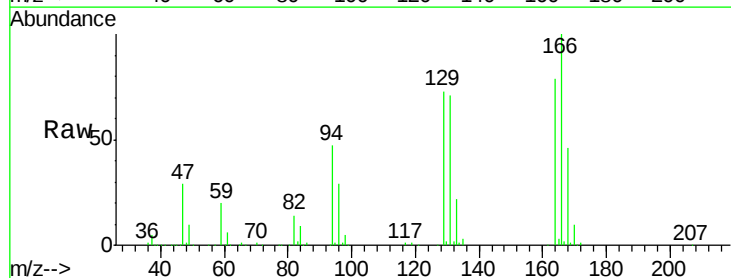
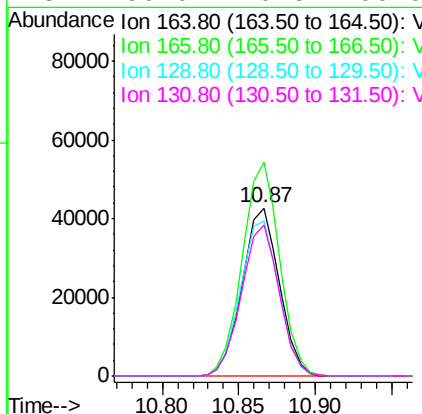
Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MS

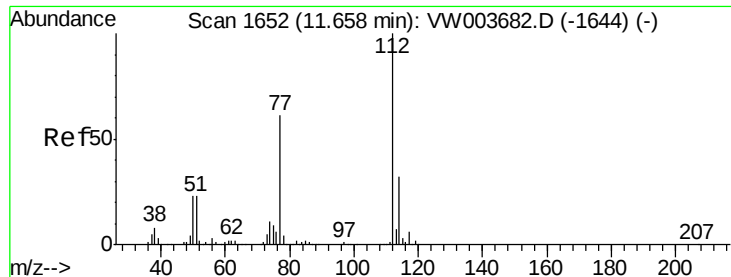
Tgt Ion:117 Resp: 201394
Ion Ratio Lower Upper
117 100
82 58.9 46.0 69.0
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 53.155 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion:164 Resp: 72354
Ion Ratio Lower Upper
164 100
166 127.3 99.0 148.4
129 92.5 73.8 110.6
131 90.0 70.6 106.0





#65

Chlorobenzene

Concen: 50.596 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

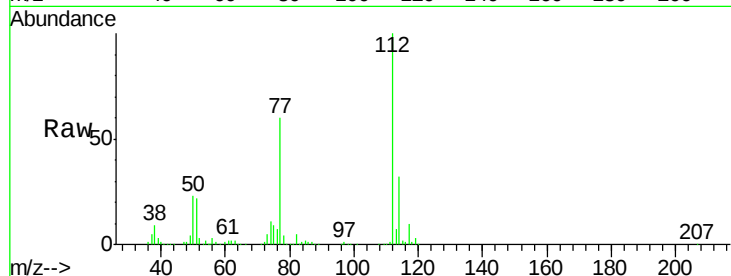
GF-G-9MS

Tgt Ion:112 Resp: 214228

Ion Ratio Lower Upper

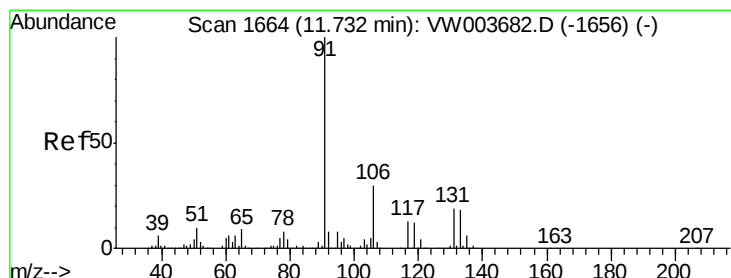
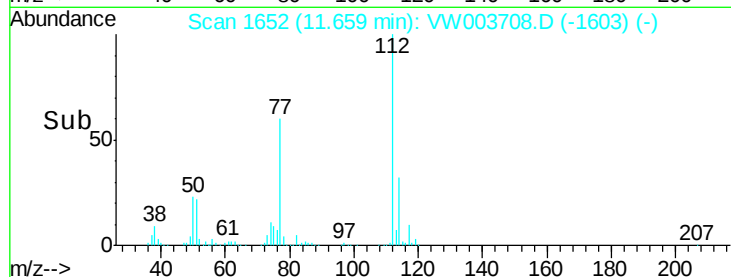
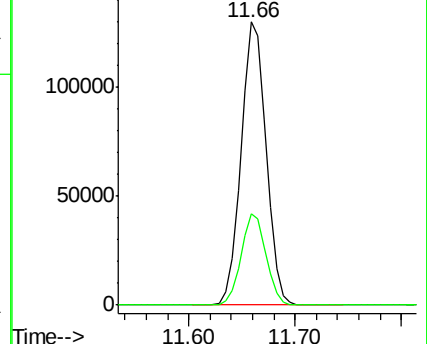
112 100

114 32.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.068 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

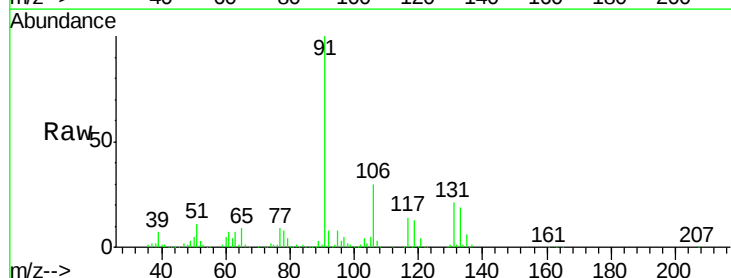
Tgt Ion:131 Resp: 80005

Ion Ratio Lower Upper

131 100

133 94.6 47.6 142.8

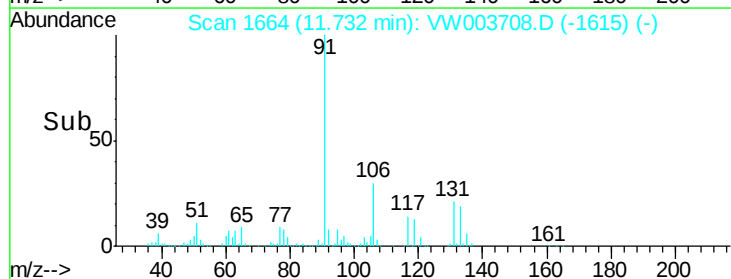
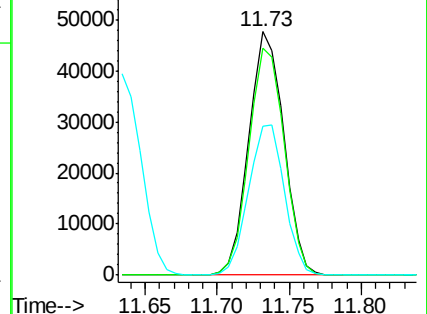
119 63.4 31.9 95.9

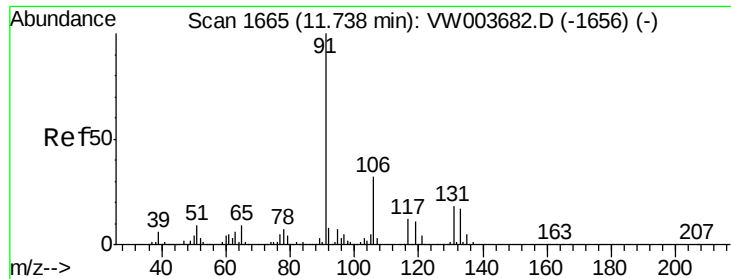


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

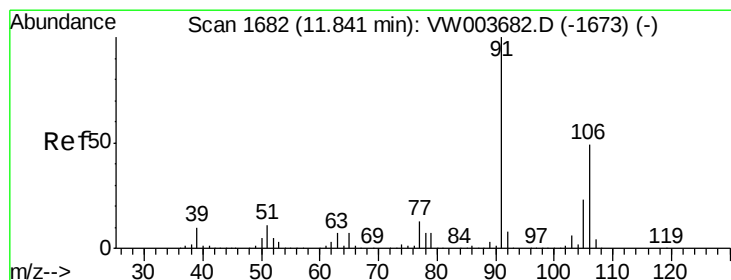
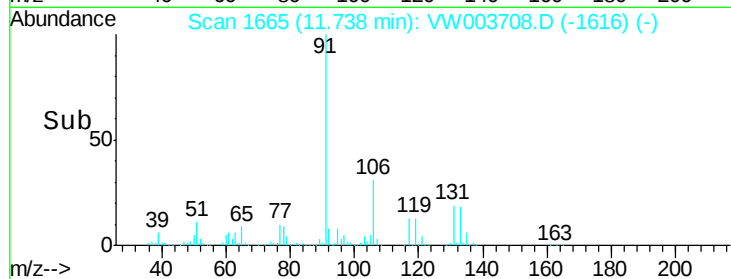
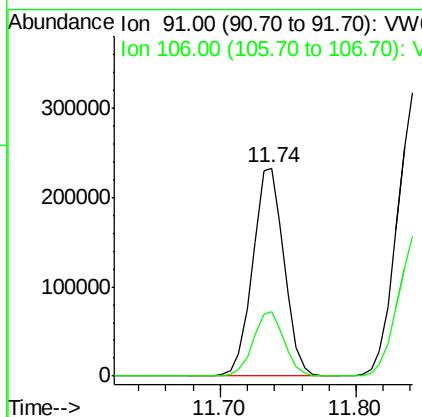
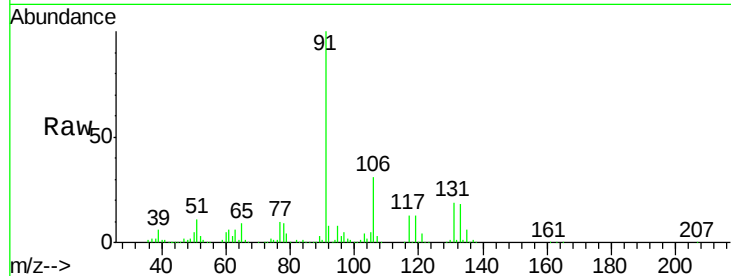




#67
Ethyl Benzene
Concen: 50.753 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

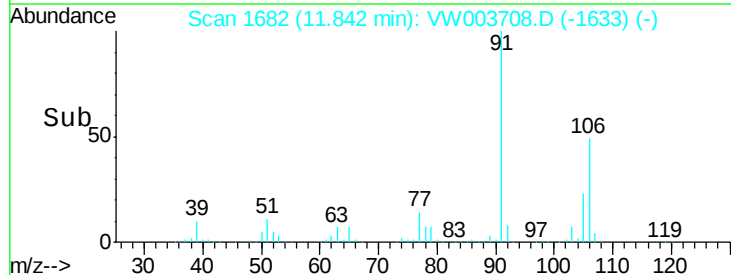
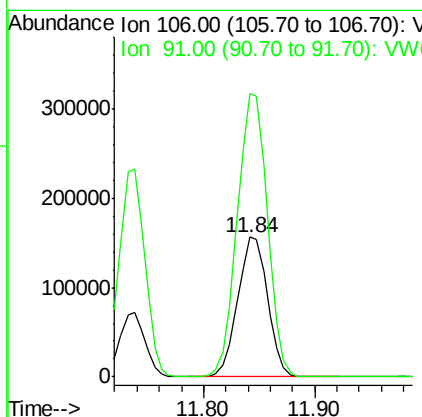
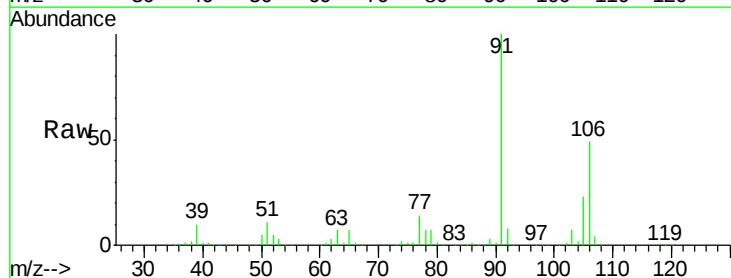
Instrument :
MSVOA_W
ClientSampled :
GF-G-9MS

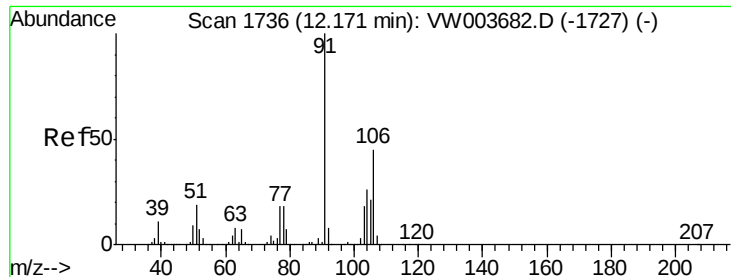
Tgt Ion: 91 Resp: 376523
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8



#68
m/p-Xylenes
Concen: 102.834 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion: 106 Resp: 290109
Ion Ratio Lower Upper
106 100
91 205.0 163.7 245.5

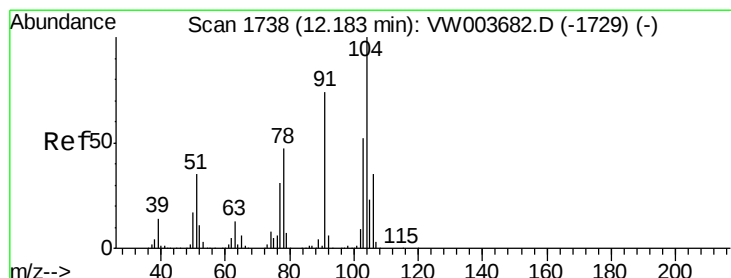
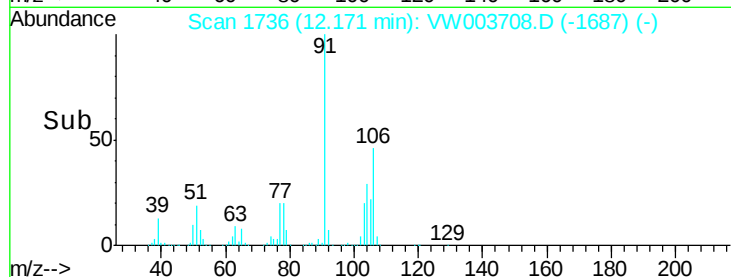
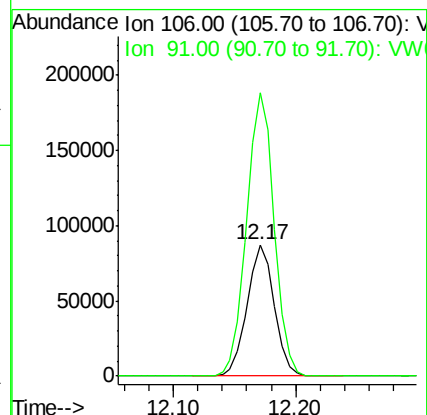
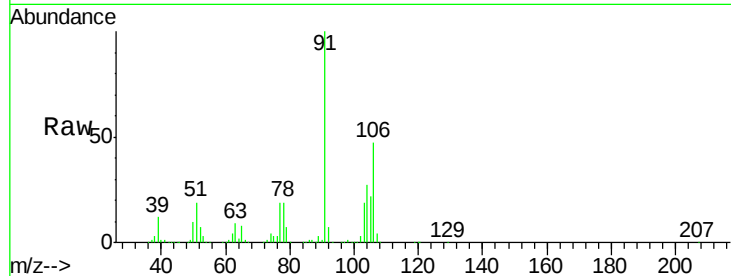




#69
o-Xylene
Concen: 51.725 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

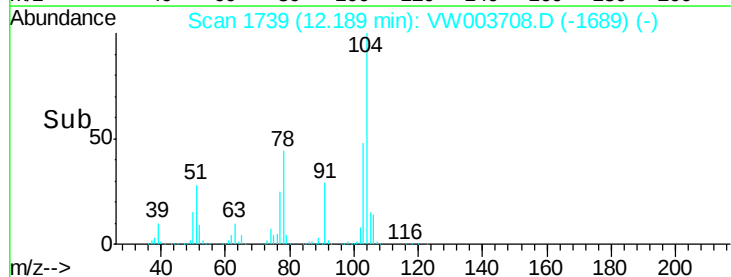
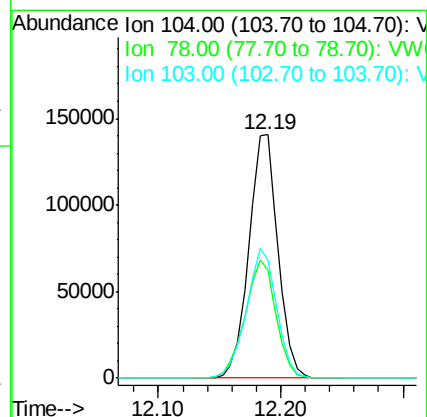
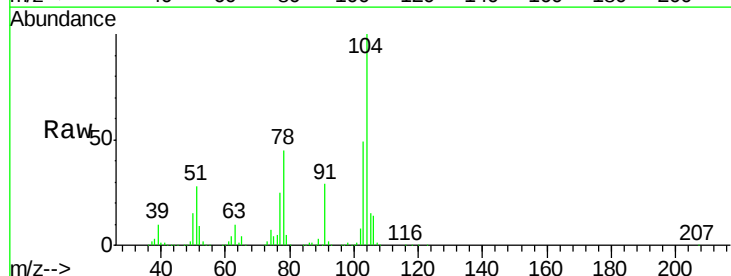
Instrument :
MSVOA_W
ClientSampled :
GF-G-9MS

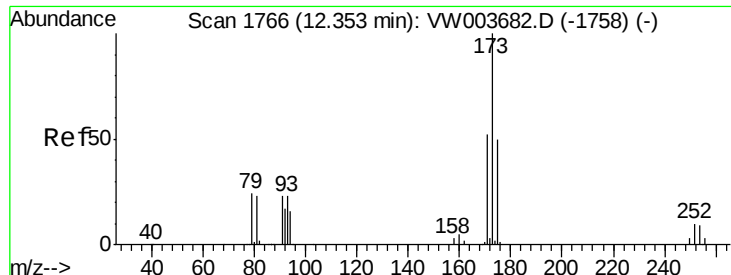
Tgt Ion:106 Resp: 134899
Ion Ratio Lower Upper
106 100
91 218.1 109.3 327.8



#70
Styrene
Concen: 53.057 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion:104 Resp: 232409
Ion Ratio Lower Upper
104 100
78 51.8 40.2 60.4
103 55.6 44.4 66.6

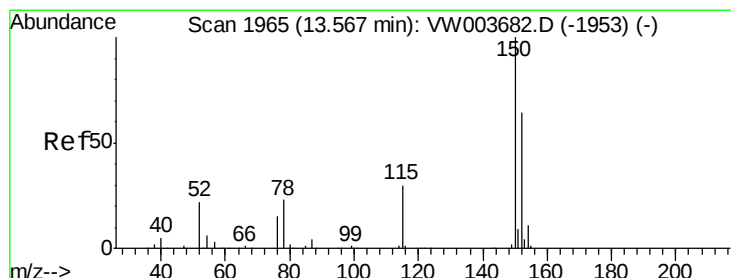
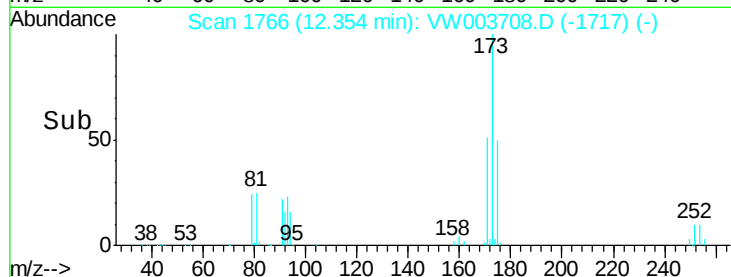
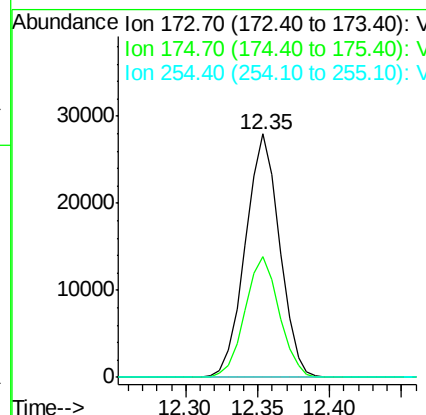
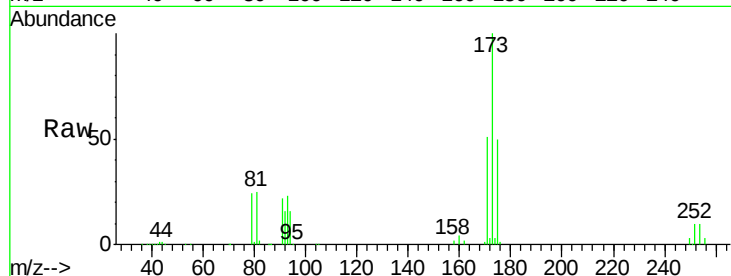




#71
Bromoform
Concen: 55.918 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

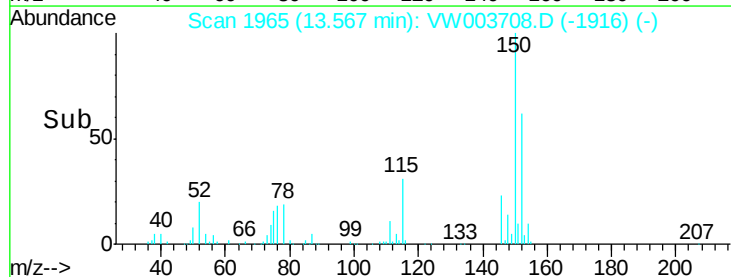
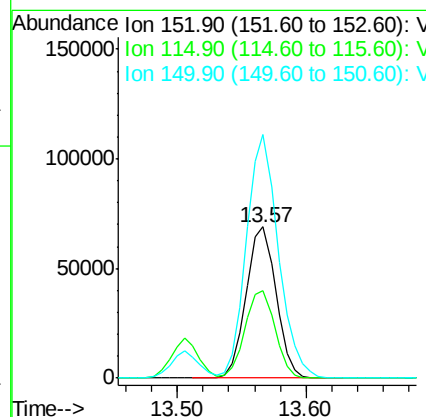
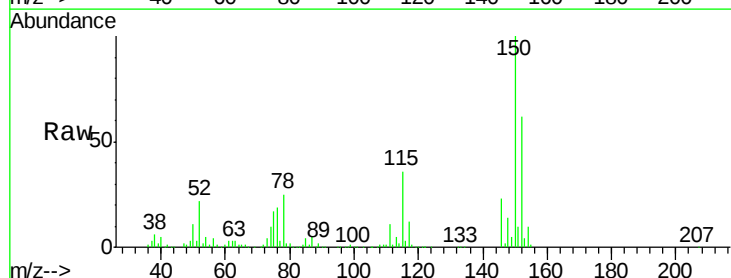
Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MS

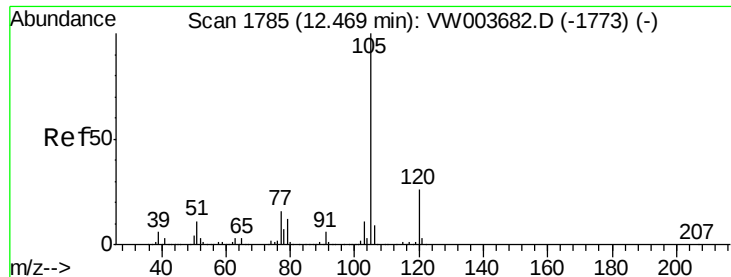
Tgt Ion:173 Resp: 45976
Ion Ratio Lower Upper
173 100
175 49.6 24.5 73.5
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion:152 Resp: 110037
Ion Ratio Lower Upper
152 100
115 58.5 29.3 88.0
150 172.9 0.0 352.0





#73

Isopropylbenzene

Concen: 49.768 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

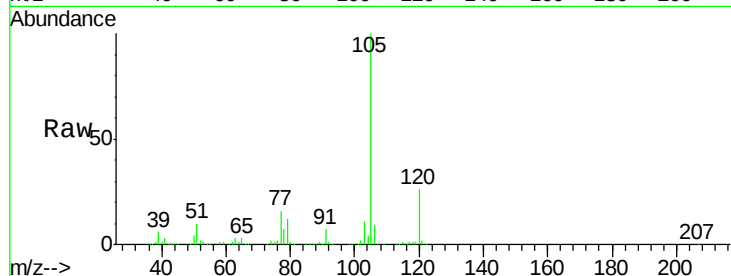
GF-G-9MS

Tgt Ion: 105 Resp: 372514

Ion Ratio Lower Upper

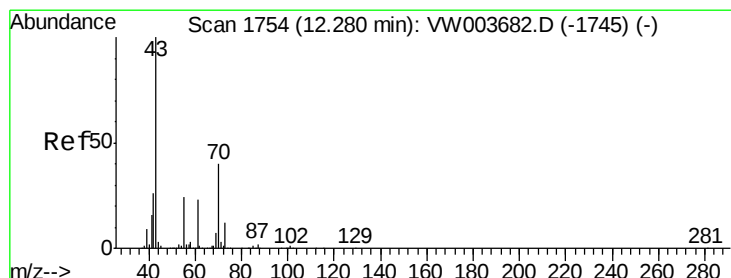
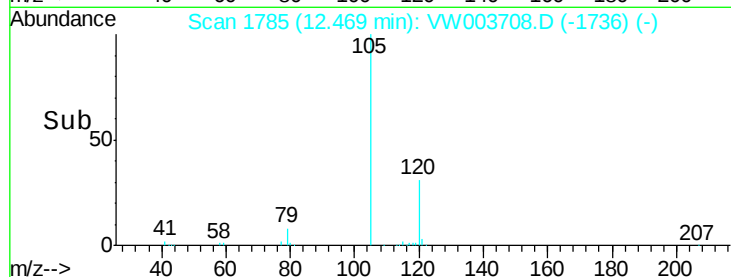
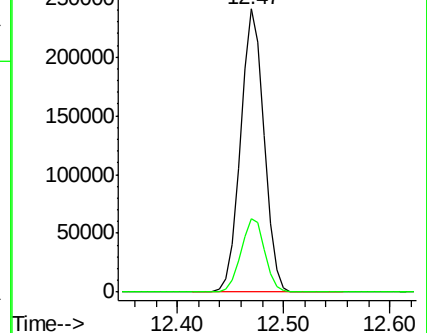
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.410 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Tgt Ion: 43 Resp: 81845

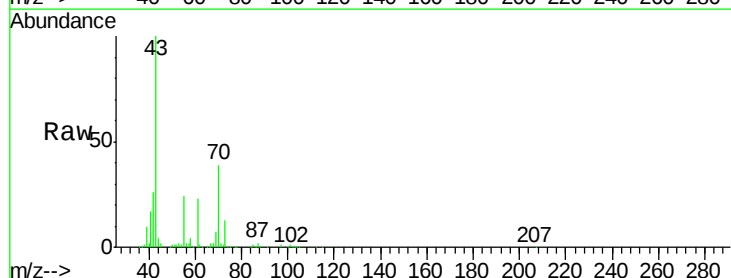
Ion Ratio Lower Upper

43 100

70 38.6 31.3 46.9

55 25.7 20.1 30.1

61 22.2 18.2 27.2

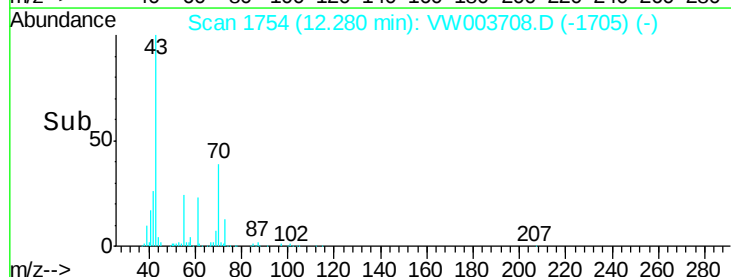
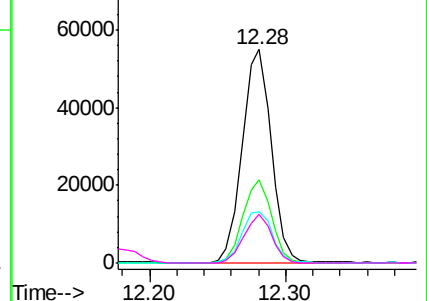


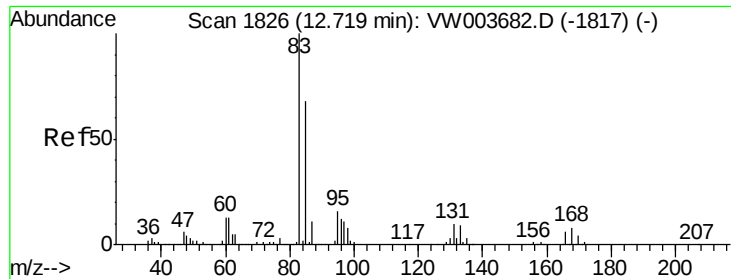
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 54.317 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MS

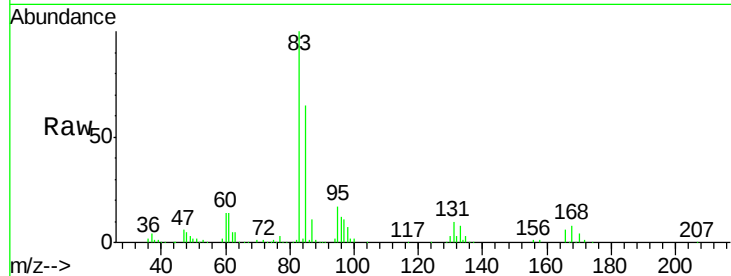
Tgt Ion: 83 Resp: 79523

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

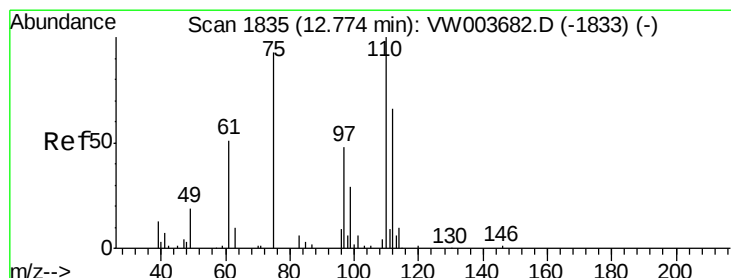
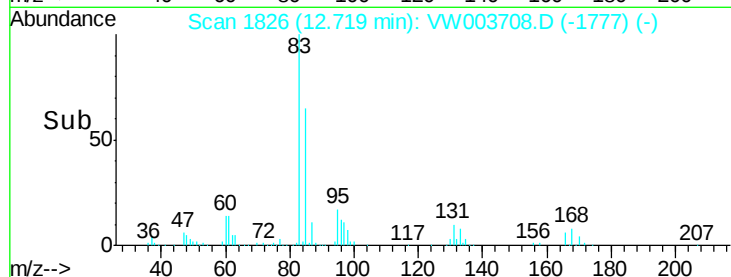
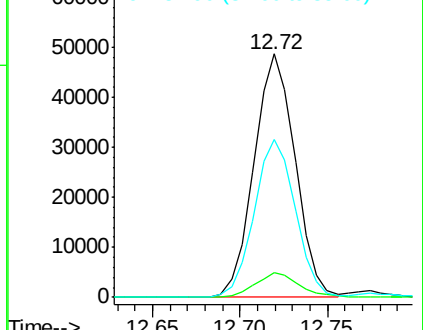
85 65.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 108.180 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003708.D

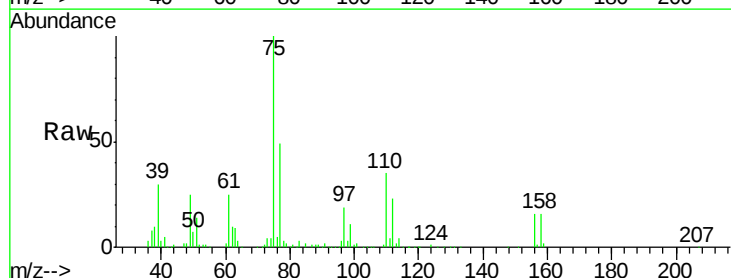
Acq: 03 Jul 2018 19:18

Tgt Ion: 75 Resp: 107032

Ion Ratio Lower Upper

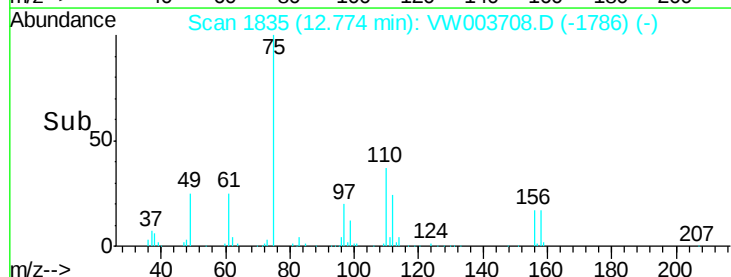
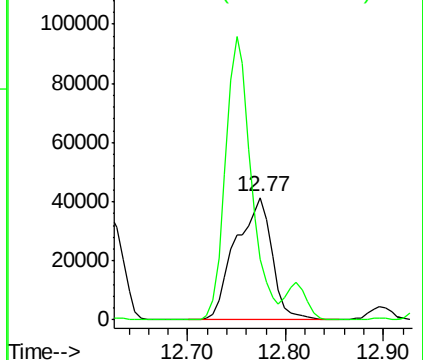
75 100

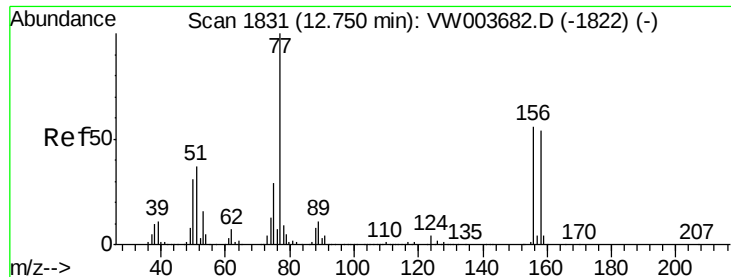
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.437 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MS

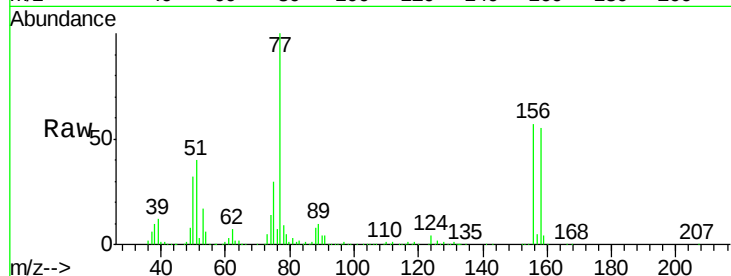
Tgt Ion:156 Resp: 90602

Ion Ratio Lower Upper

156 100

77 194.5 95.8 287.4

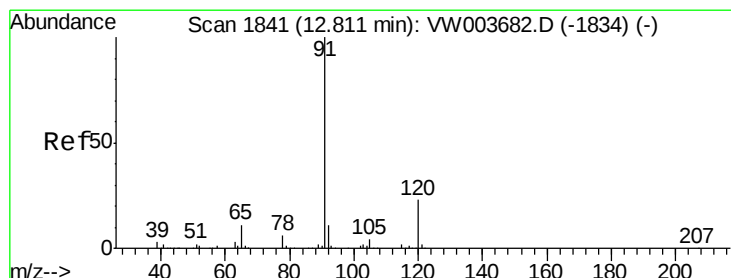
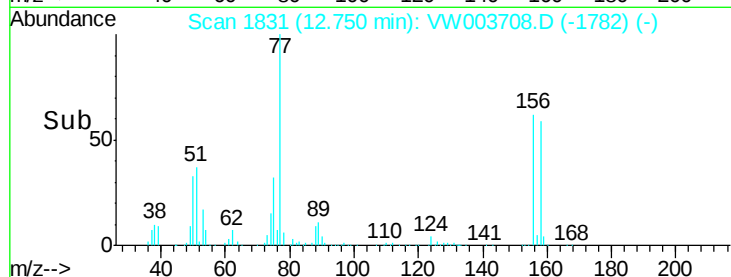
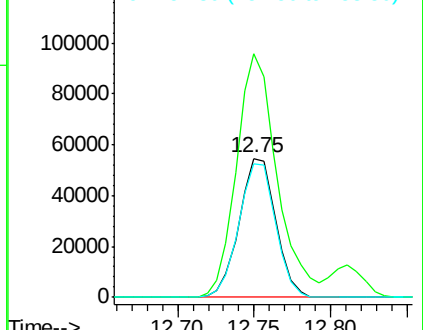
158 97.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.769 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003708.D

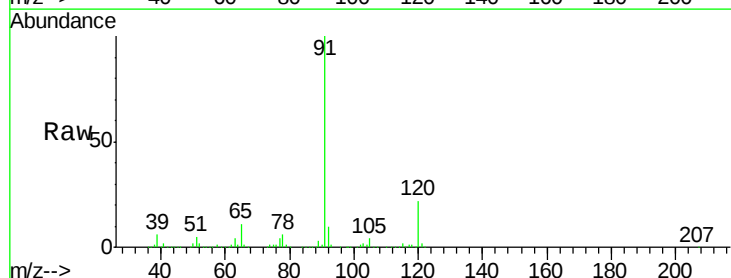
Acq: 03 Jul 2018 19:18

Tgt Ion: 91 Resp: 460207

Ion Ratio Lower Upper

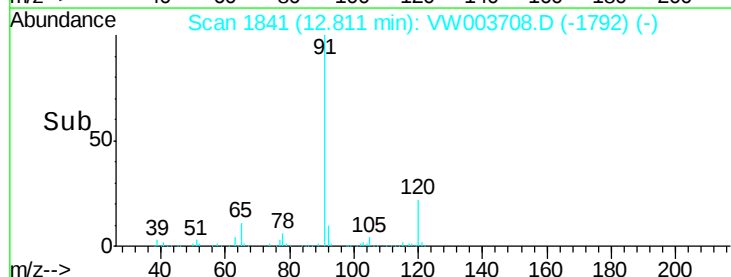
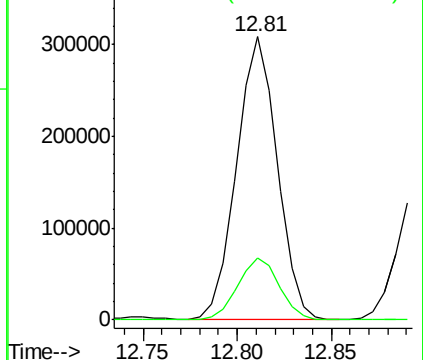
91 100

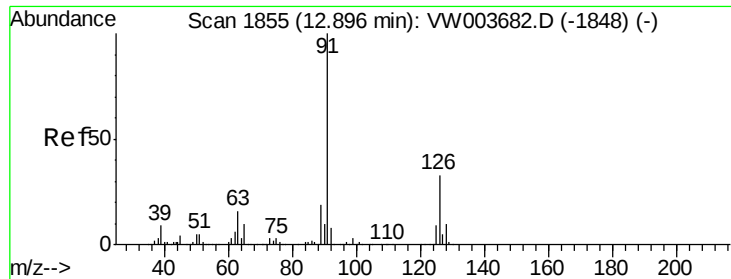
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.394 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

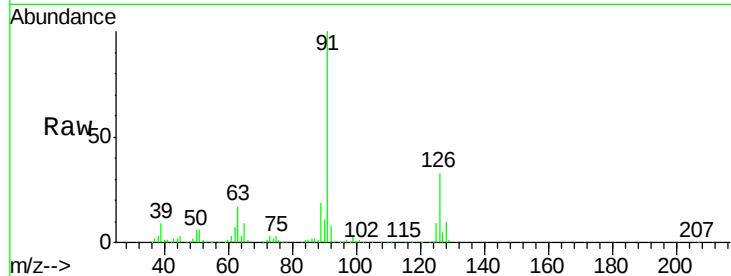
GF-G-9MS

Tgt Ion: 91 Resp: 259902

Ion Ratio Lower Upper

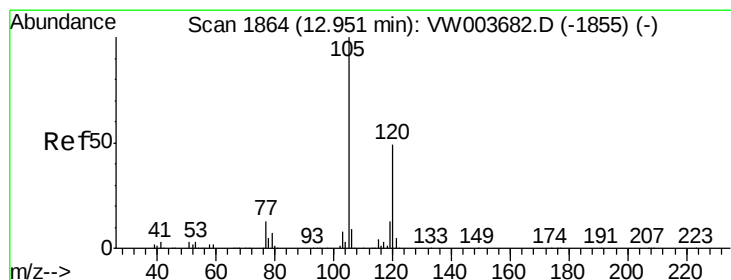
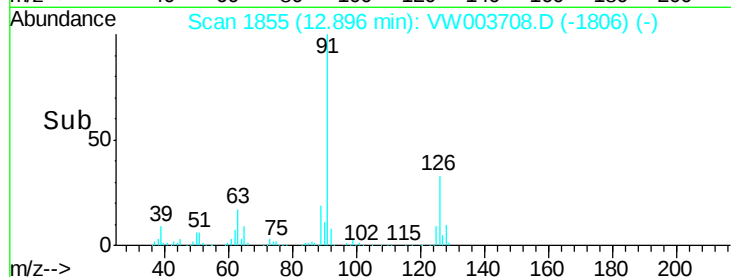
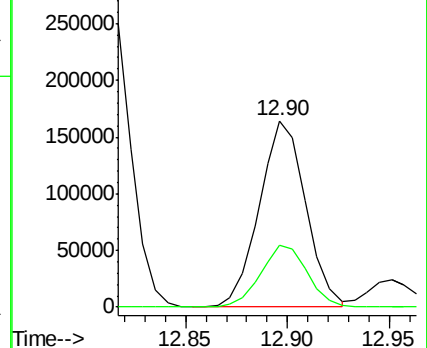
91 100

126 33.8 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.641 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003708.D

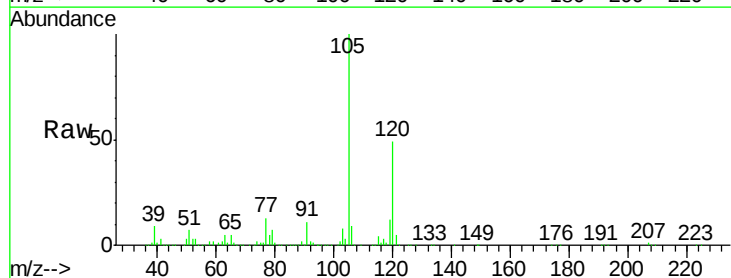
Acq: 03 Jul 2018 19:18

Tgt Ion: 105 Resp: 320658

Ion Ratio Lower Upper

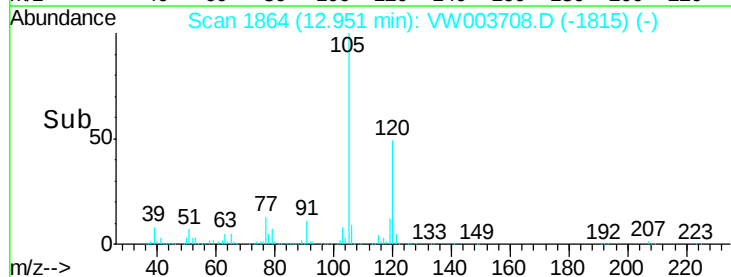
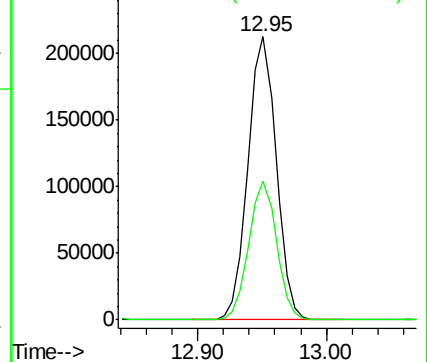
105 100

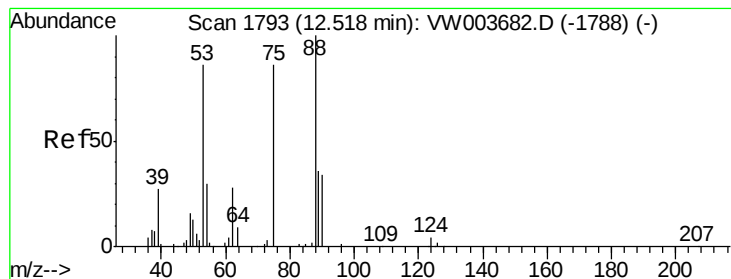
120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.201 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003708.D

Acq: 03 Jul 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MS

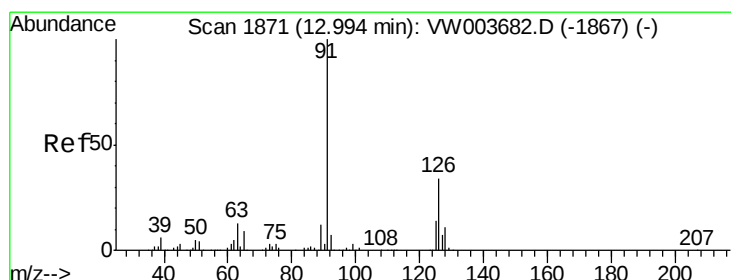
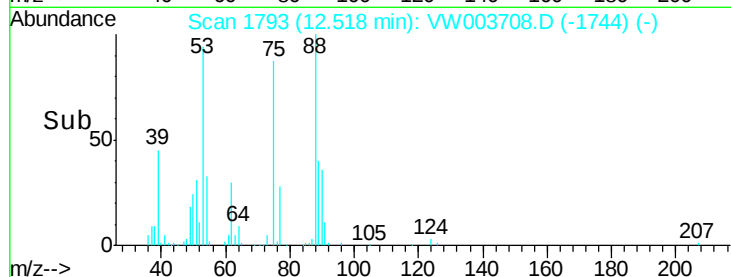
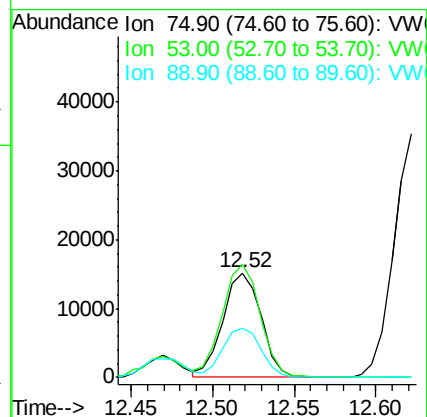
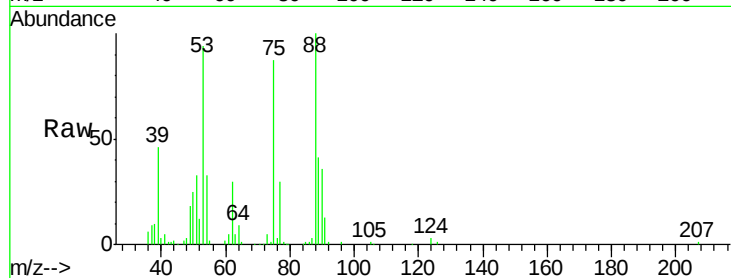
Tgt Ion: 75 Resp: 24841

Ion Ratio Lower Upper

75 100

53 108.2 82.4 123.6

89 47.0 35.9 53.9



#82

4-Chlorotoluene

Concen: 49.755 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003708.D

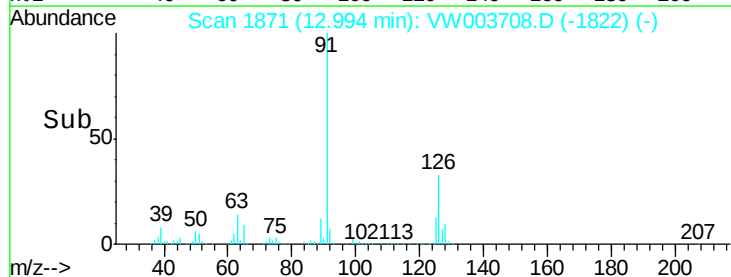
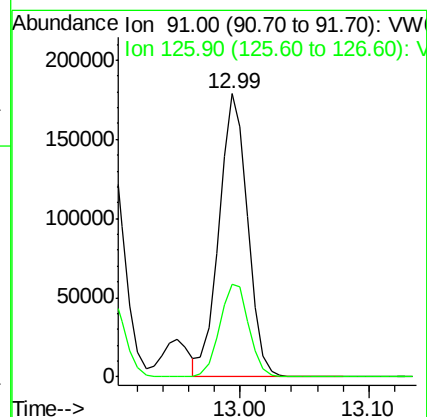
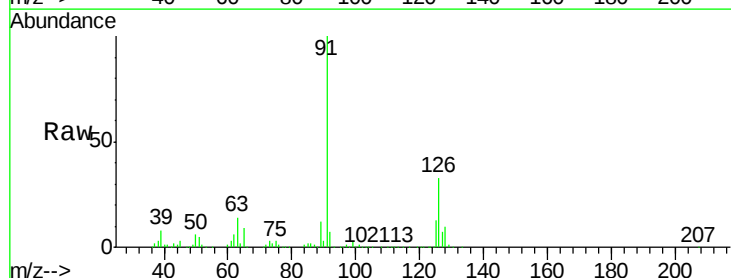
Acq: 03 Jul 2018 19:18

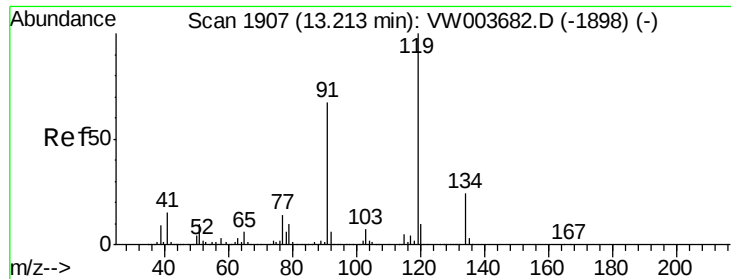
Tgt Ion: 91 Resp: 277916

Ion Ratio Lower Upper

91 100

126 33.8 17.0 50.9

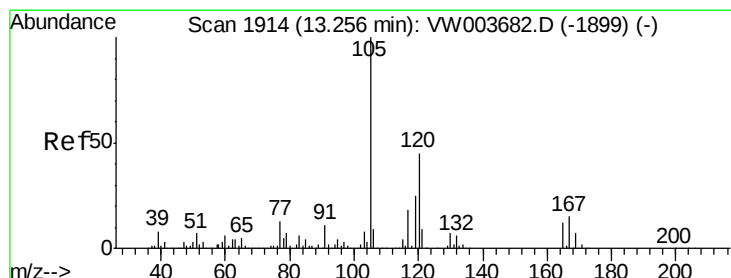
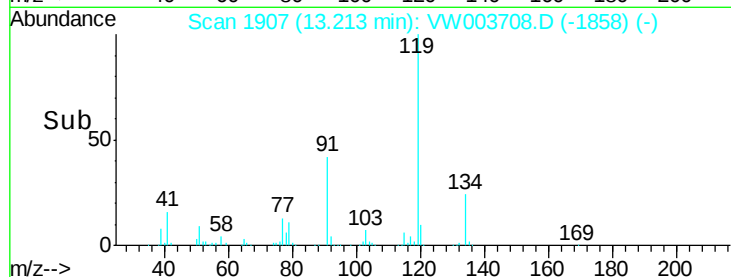
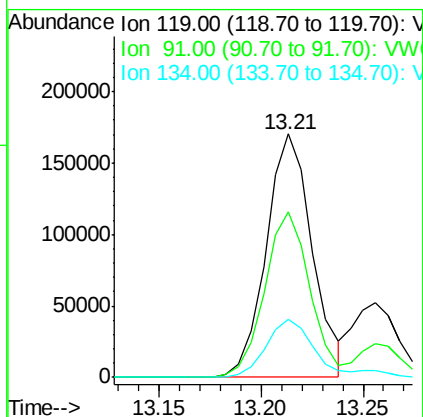
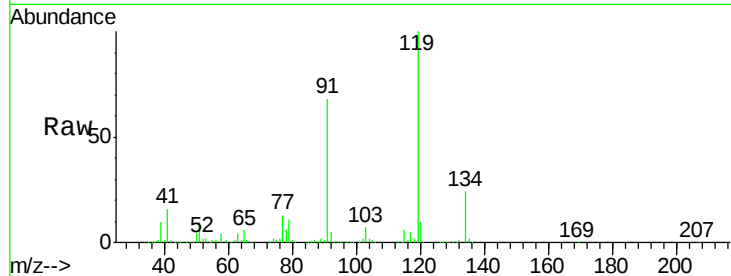




#83
 tert-Butylbenzene
 Concen: 49.985 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

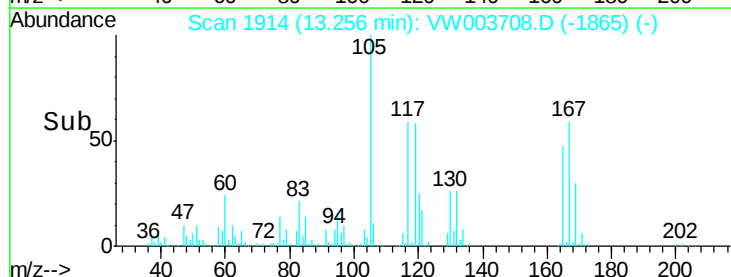
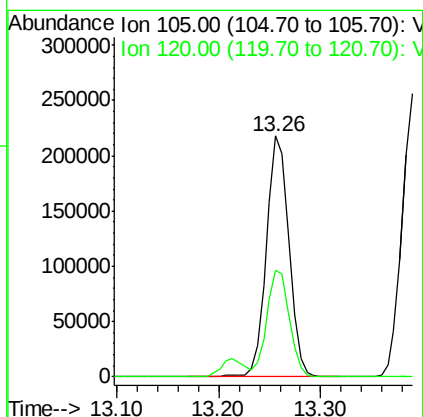
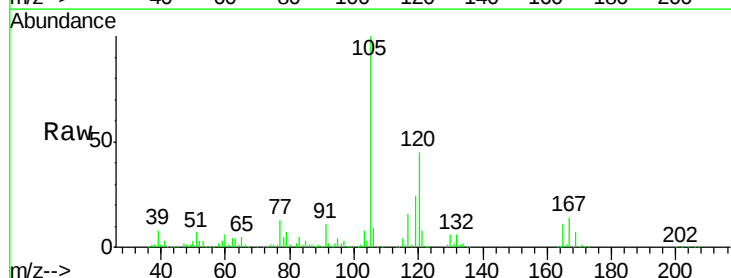
Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

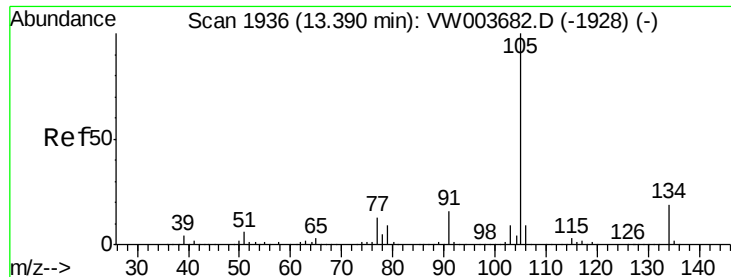
Tgt Ion:119 Resp: 266985
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.8 101.3
 134 24.2 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.303 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion:105 Resp: 334431
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.3

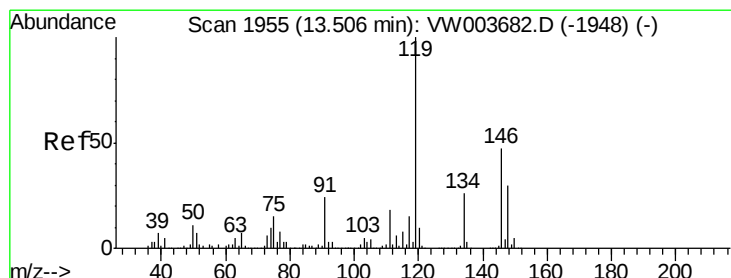
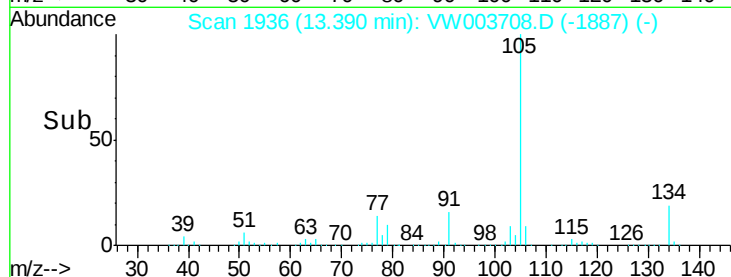
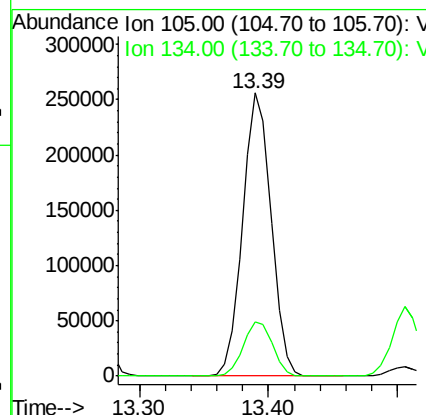
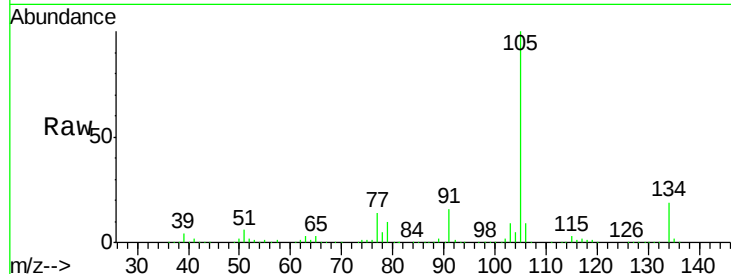




#85
 sec-Butylbenzene
 Concen: 49.151 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

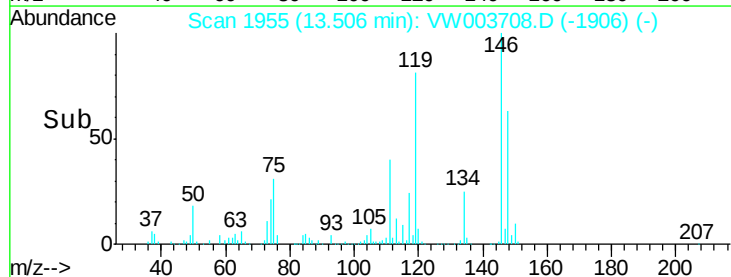
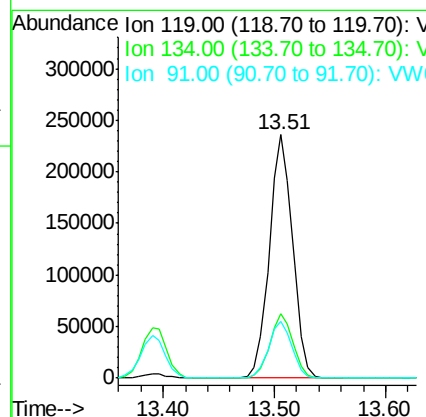
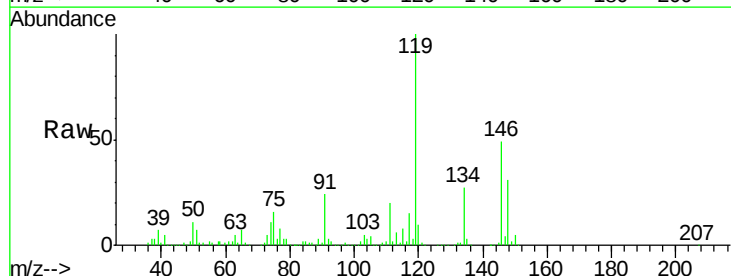
Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MS

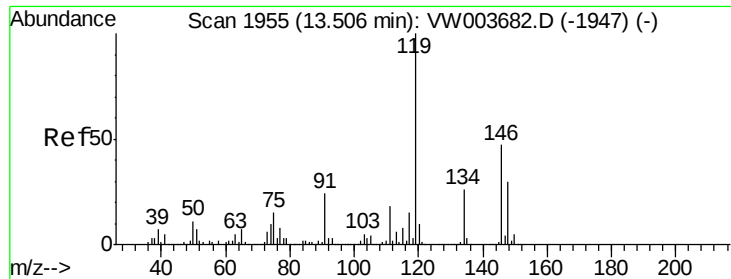
Tgt Ion:105 Resp: 390653
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.498 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion:119 Resp: 344108
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 23.7 11.8 35.4

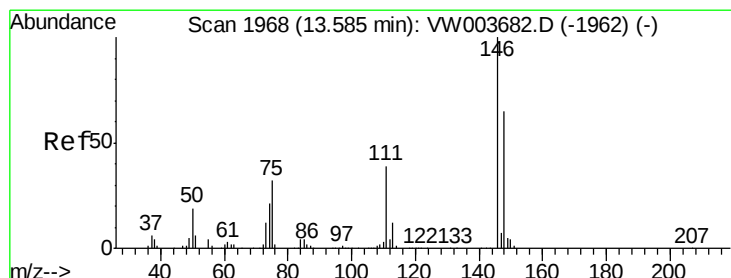
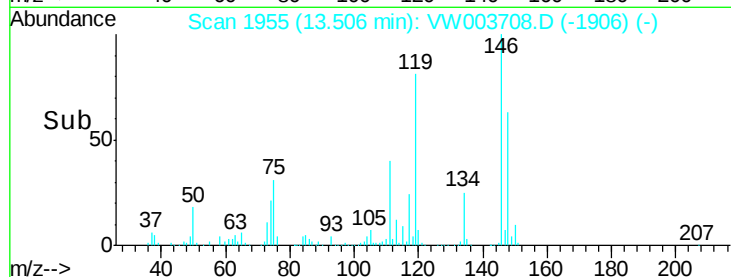
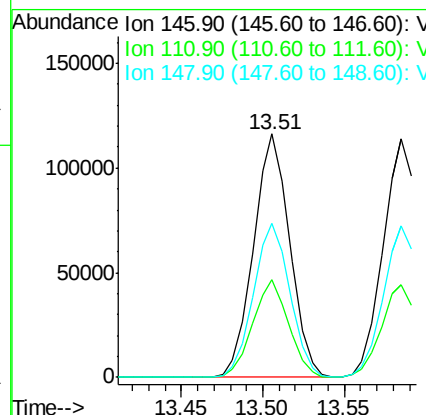
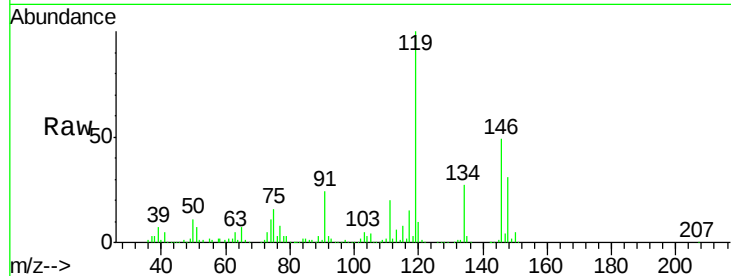




#87
 1,3-Dichlorobenzene
 Concen: 49.203 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

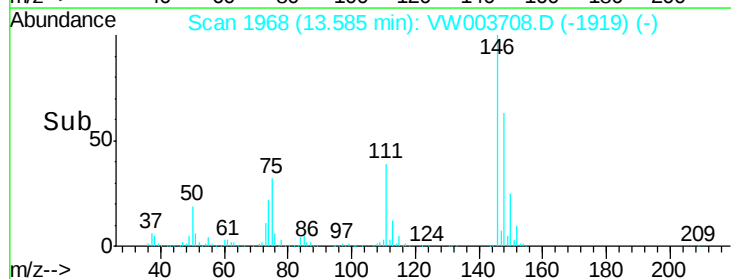
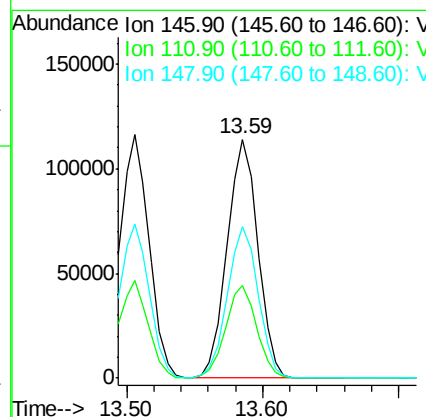
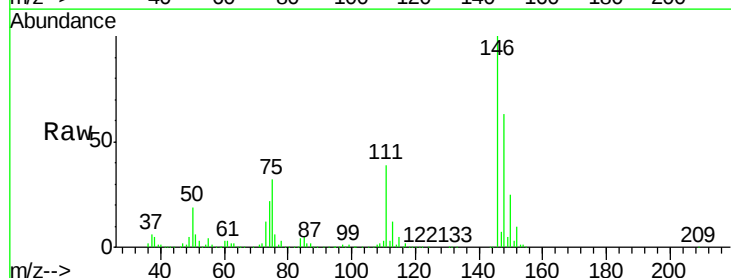
Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

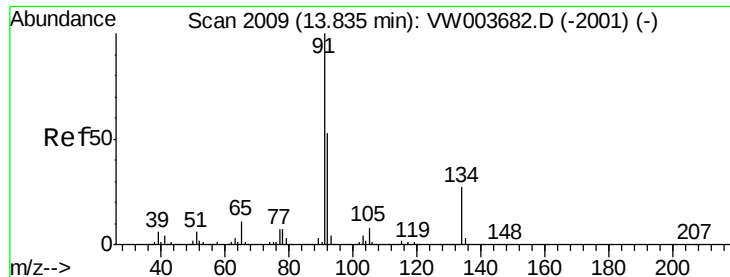
Tgt Ion:146 Resp: 179384
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.7
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.134 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion:146 Resp: 179000
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.3 57.9
 148 63.6 32.3 96.9

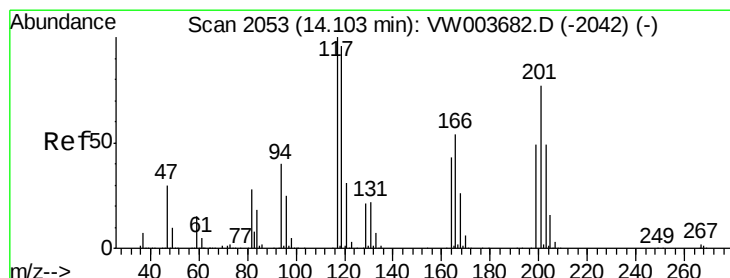
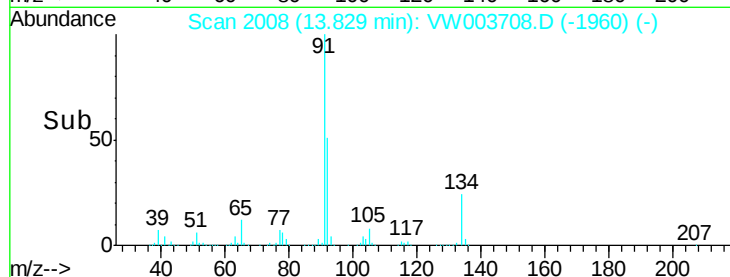
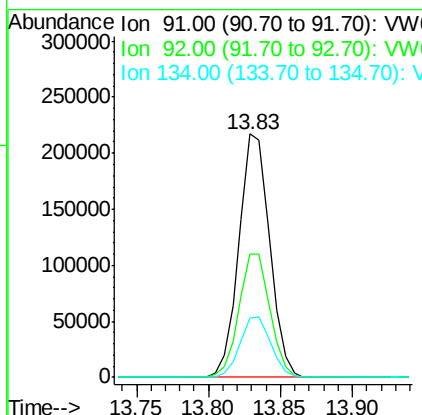
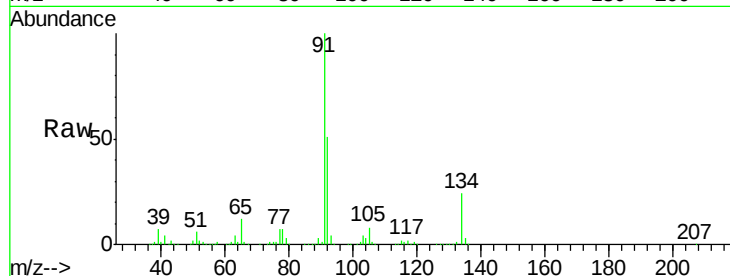




#89
n-Butylbenzene
Concen: 46.937 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

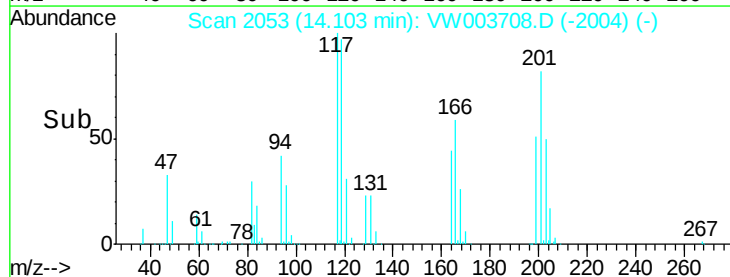
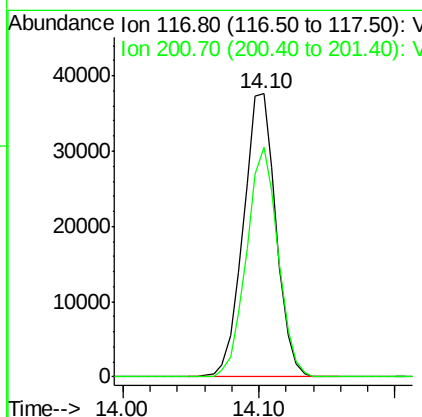
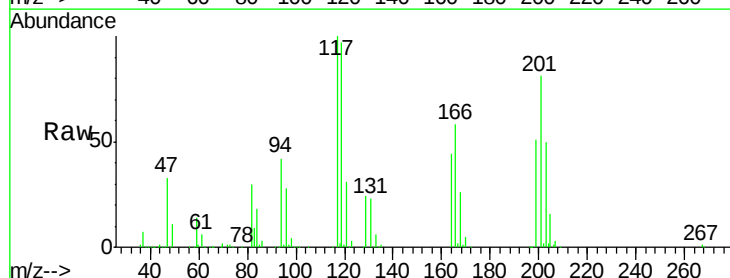
Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MS

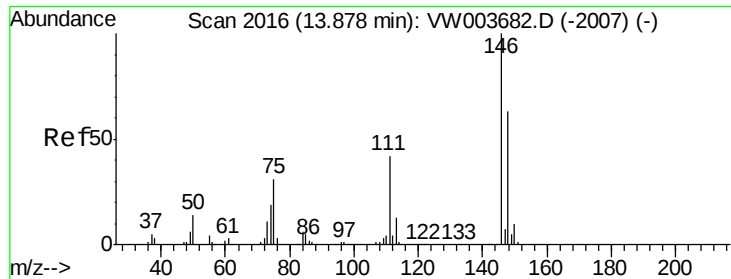
Tgt Ion: 91 Resp: 322604
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.2
134 24.9 12.7 38.1



#90
Hexachloroethane
Concen: 48.765 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion: 117 Resp: 62982
Ion Ratio Lower Upper
117 100
201 78.8 39.1 117.2

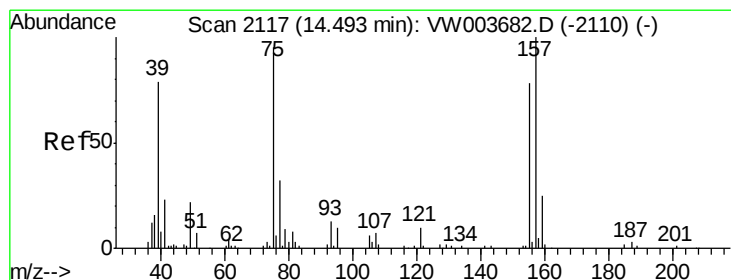
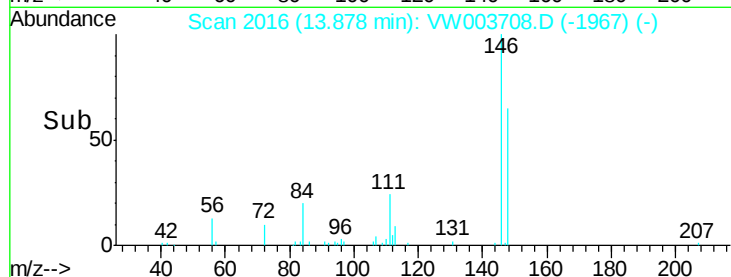
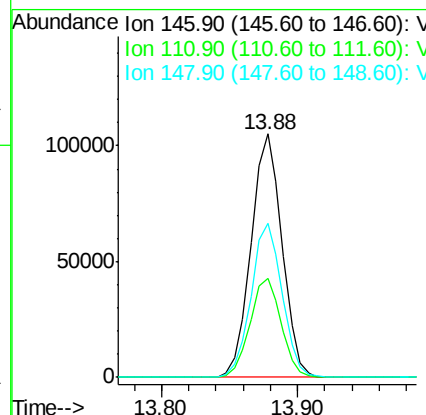
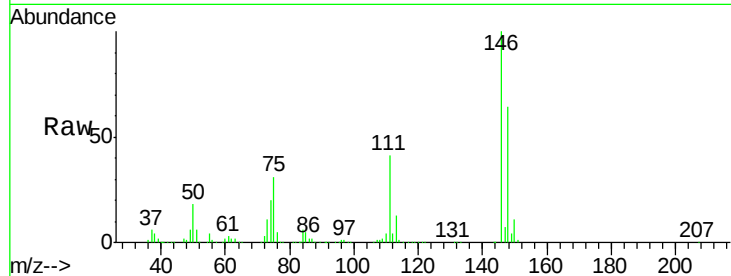




#91
 1,2-Dichlorobenzene
 Concen: 51.417 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

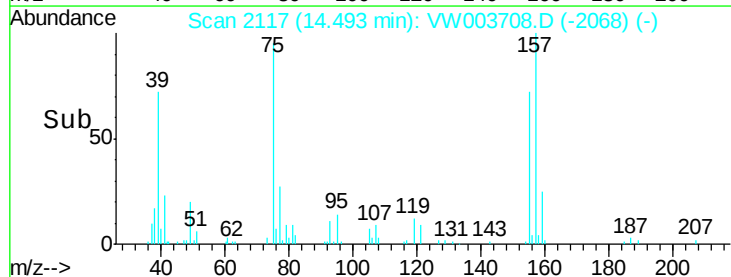
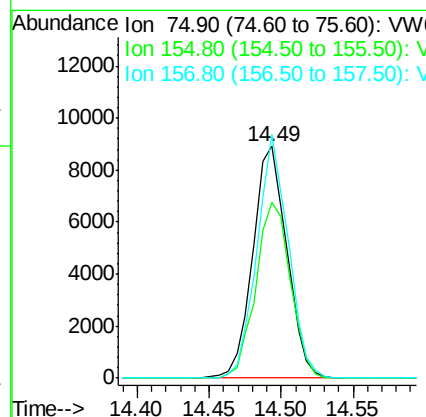
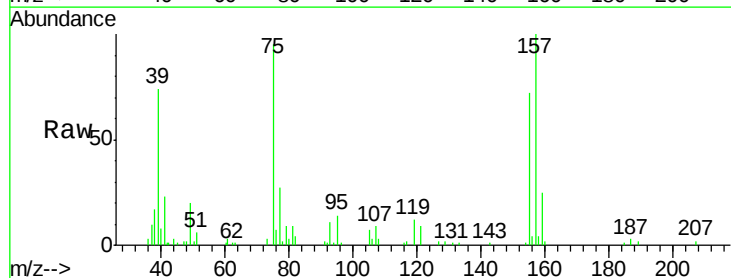
Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

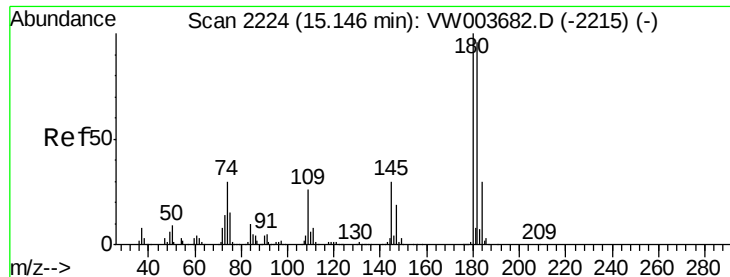
Tgt Ion: 146 Resp: 167608
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 63.4 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.885 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion: 75 Resp: 14511
 Ion Ratio Lower Upper
 75 100
 155 77.0 40.2 120.6
 157 96.5 50.7 152.3

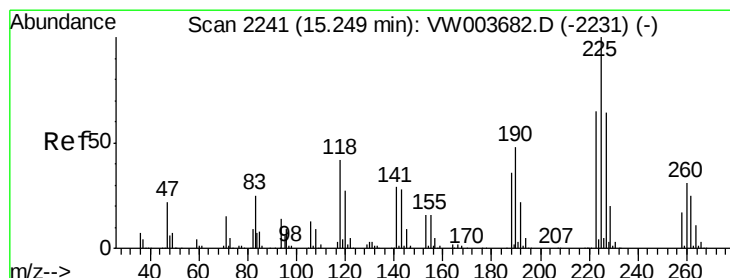
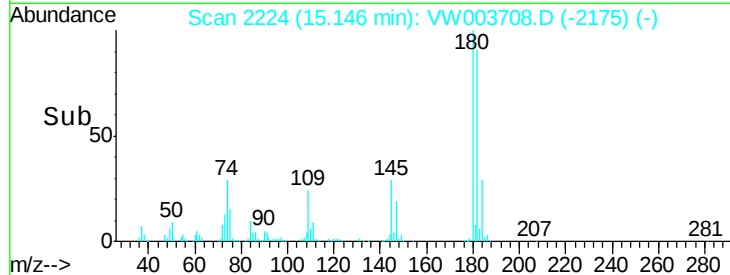
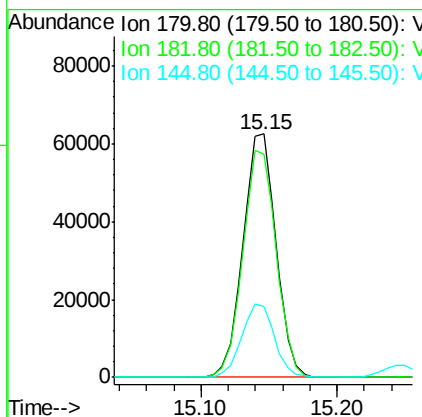
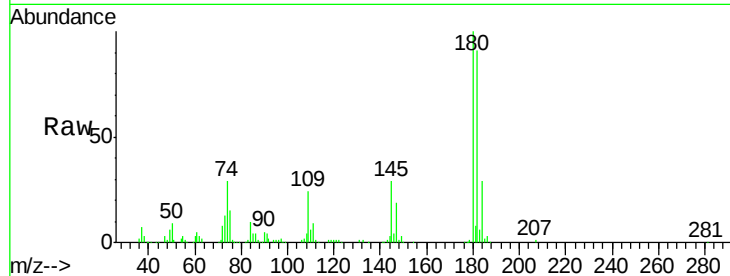




#93
 1,2,4-Trichlorobenzene
 Concen: 46.216 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

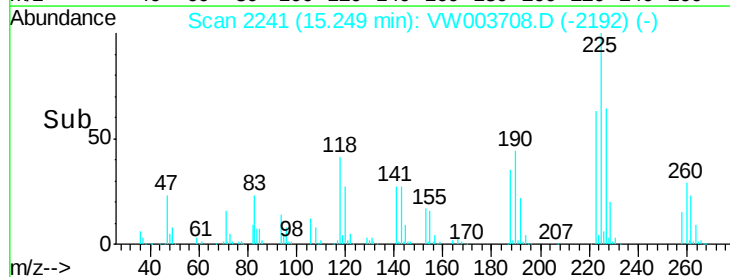
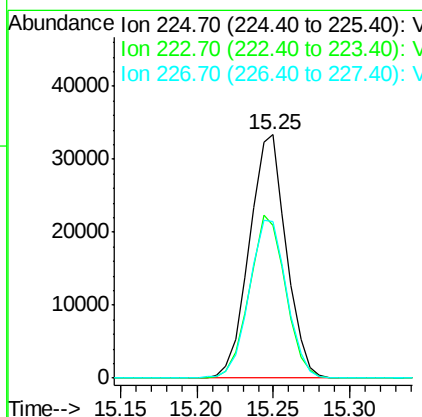
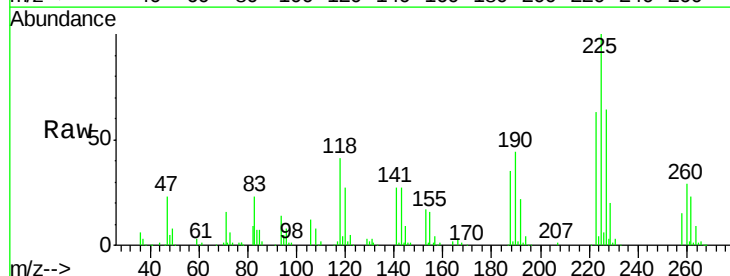
Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

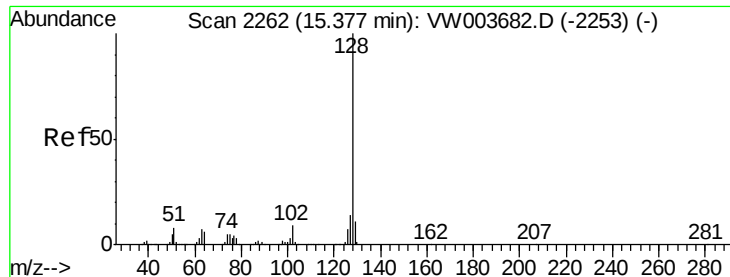
Tgt Ion:180 Resp: 106227
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.6 142.8
 145 29.9 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 42.131 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003708.D
 Acq: 03 Jul 2018 19:18

Tgt Ion:225 Resp: 55929
 Ion Ratio Lower Upper
 225 100
 223 65.3 32.0 96.2
 227 65.7 31.9 95.7

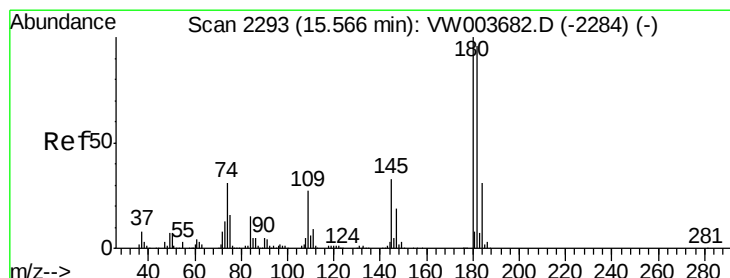
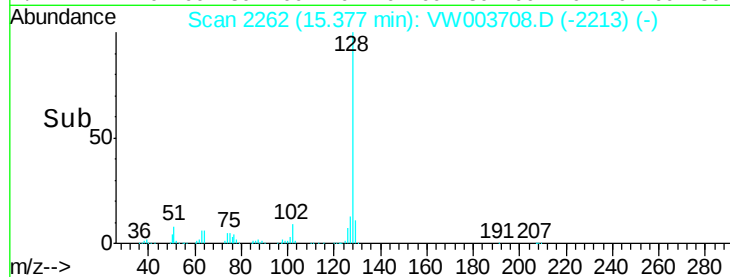
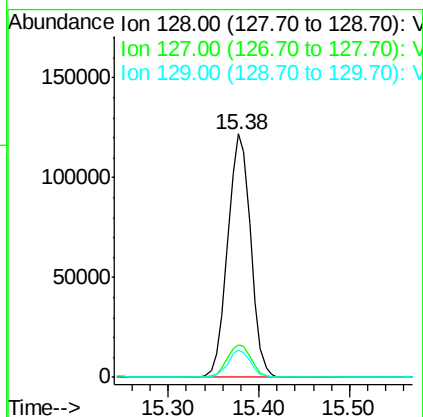
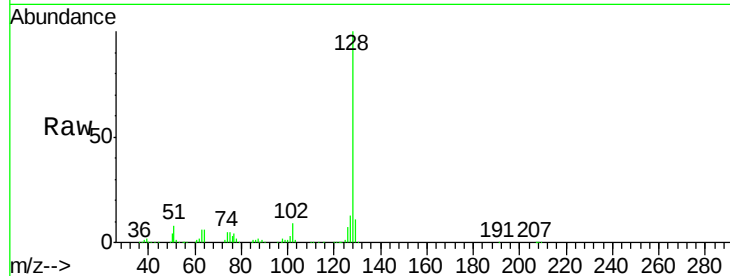




#95
Naphthalene
Concen: 51.250 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MS

Tgt Ion:128 Resp: 213644
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.511 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003708.D
Acq: 03 Jul 2018 19:18

Tgt Ion:180 Resp: 97277
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 32.0 15.9 47.7

