

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003682.D
 Acq On : 02 Jul 2018 17:50
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 03 02:29:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	387698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194635	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146982	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	7.88	113	129441	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.33	98	513661	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.62	95	187145	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	60034	72.123	ug/l	100
3) Chloromethane	2.21	50	101391	52.407	ug/l	100
4) Vinyl Chloride	2.36	62	137841	49.272	ug/l	100
5) Bromomethane	2.78	94	88559	47.933	ug/l	100
6) Chloroethane	2.92	64	80556	42.333	ug/l	100
7) Trichlorofluoromethane	3.25	101	70198	43.075	ug/l	100
8) Diethyl Ether	3.67	74	64883	52.361	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117211	50.241	ug/l	100
10) Methyl Iodide	4.26	142	176800	50.232	ug/l	100
11) Tert butyl alcohol	5.22	59	44739	300.117	ug/l	100
12) 1,1-Dichloroethene	4.03	96	117745	51.289	ug/l	100
13) Acrolein	3.89	56	13913	76.147	ug/l	100
14) Allyl chloride	4.65	41	203385	51.440	ug/l	100
15) Acrylonitrile	5.37	53	151383	291.528	ug/l	100
16) Acetone	4.14	43	165591	283.487	ug/l	100
17) Carbon Disulfide	4.37	76	372829	54.289	ug/l	100
18) Methyl Acetate	4.67	43	69850	51.439	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	235445	54.695	ug/l	100
20) Methylene Chloride	4.91	84	131937	46.492	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	131750	52.583	ug/l	100
22) Diisopropyl ether	6.31	45	427139	53.495	ug/l	100
23) Vinyl Acetate	6.26	43	1360725	291.605	ug/l	100
24) 1,1-Dichloroethane	6.21	63	246109	51.926	ug/l	100
25) 2-Butanone	7.18	43	223132	304.741	ug/l	100
26) 2,2-Dichloropropane	7.17	77	145192	46.745	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	141168	51.776	ug/l	100
28) Bromochloromethane	7.51	49	109923	55.866	ug/l	100
29) Tetrahydrofuran	7.54	42	136578	304.064	ug/l	100
30) Chloroform	7.67	83	248256	51.610	ug/l	100
31) Cyclohexane	7.95	56	219347	49.379	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	193379	49.124	ug/l	100
36) 1,1-Dichloropropene	8.08	75	200274	52.511	ug/l	100
37) Ethyl Acetate	7.26	43	95665	59.167	ug/l	100
38) Carbon Tetrachloride	8.07	117	188012	50.684	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	236162	53.357	ug/l	100
40) Benzene	8.32	78	554254	52.700	ug/l	100
41) Methacrylonitrile	7.49	41	55057	56.211	ug/l	100
42) 1,2-Dichloroethane	8.40	62	173389	52.683	ug/l	100
43) Isopropyl Acetate	8.43	43	181260	57.091	ug/l	100
44) Trichloroethene	9.09	130	140498	50.857	ug/l	100
45) 1,2-Dichloropropane	9.37	63	142073	53.071	ug/l	100
46) Dibromomethane	9.46	93	74334	54.011	ug/l	100
47) Bromodichloromethane	9.65	83	185167	52.781	ug/l	100
48) Methyl methacrylate	9.44	41	89178	59.577	ug/l	100
49) 1,4-Dioxane	9.48	88	23972	1151.232	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	487173	299.172	ug/l	100
52) Toluene	10.39	92	354067	52.600	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	196559	54.706	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	223242	54.513	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	104813	54.072	ug/l	100
56) Ethyl methacrylate	10.65	69	139864	59.023	ug/l	100
57) 1,3-Dichloropropane	10.93	76	184287	55.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	281865	269.798	ug/l	100
59) 2-Hexanone	10.98	43	350238	307.241	ug/l	100
60) Dibromochloromethane	11.13	129	123155	53.744	ug/l	100
61) 1,2-Dibromoethane	11.24	107	100590	54.844	ug/l	100
64) Tetrachloroethene	10.87	164	122510	49.833	ug/l	100
65) Chlorobenzene	11.66	112	383843	50.126	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	136279	50.722	ug/l	100
67) Ethyl Benzene	11.74	91	698461	51.410	ug/l	100
68) m/p-Xylenes	11.84	106	531756	102.951	ug/l	100
69) o-Xylene	12.17	106	245430	51.452	ug/l	100
70) Styrene	12.18	104	424112	53.152	ug/l	100
71) Bromoform	12.35	173	75700	53.974	ug/l	100
73) Isopropylbenzene	12.47	105	683876	50.315	ug/l	100
74) N-amyl acetate	12.28	43	180588	57.034	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	128037	54.563	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	173036	102.641	ug/l #	100
77) Bromobenzene	12.75	156	161393	50.765	ug/l	100
78) n-propylbenzene	12.81	91	851977	51.045	ug/l	100
79) 2-Chlorotoluene	12.90	91	479284	50.812	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	580119	50.801	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	42132	56.777	ug/l	100
82) 4-Chlorotoluene	12.99	91	503196	50.314	ug/l	100
83) tert-Butylbenzene	13.21	119	492788	50.690	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	604674	51.360	ug/l	100
85) sec-Butylbenzene	13.39	105	730306	50.495	ug/l	100
86) p-Isopropyltoluene	13.51	119	643307	50.544	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	323331	49.666	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	321889	49.705	ug/l	100
89) n-Butylbenzene	13.83	91	632151	50.842	ug/l	100
90) Hexachloroethane	14.10	117	115986	50.302	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	288369	50.470	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22274	56.329	ug/l	100

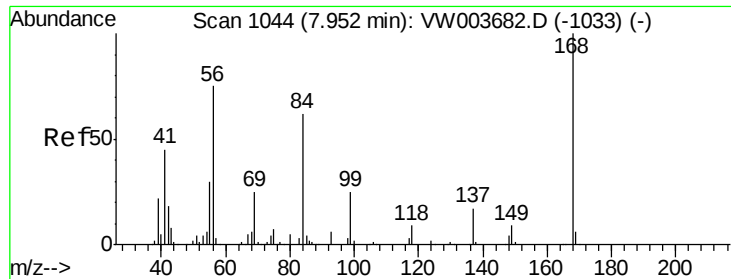
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	204766	51.016	ug/l	100
94) Hexachlorobutadiene	15.25	225	117131	48.899	ug/l	100
95) Naphthalene	15.38	128	387748	56.262	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	181364	51.227	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

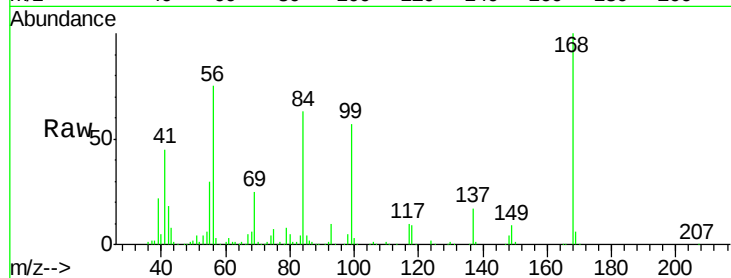
VSTDICCC050

Tgt Ion:168 Resp: 248279

Ion Ratio Lower Upper

168 100

99 56.8 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

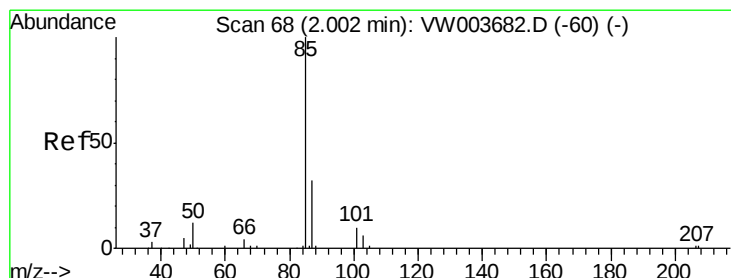
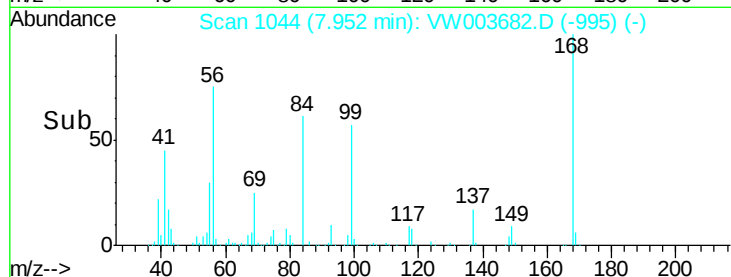
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 72.123 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003682.D

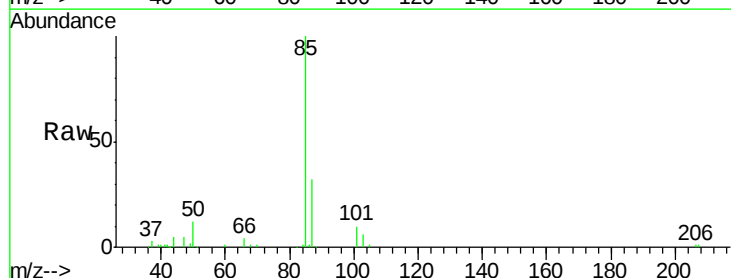
Acq: 02 Jul 2018 17:50

Tgt Ion: 85 Resp: 60034

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

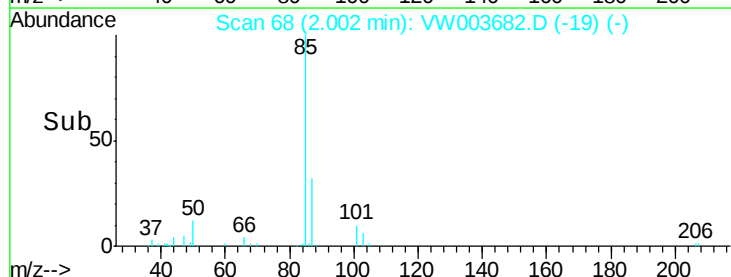
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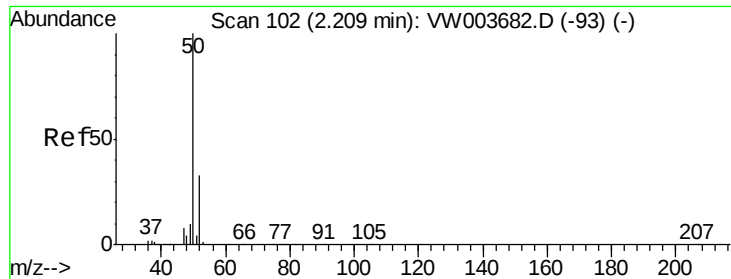
10000

5000

0

Time-->





#3

Chloromethane

Concen: 52.407 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

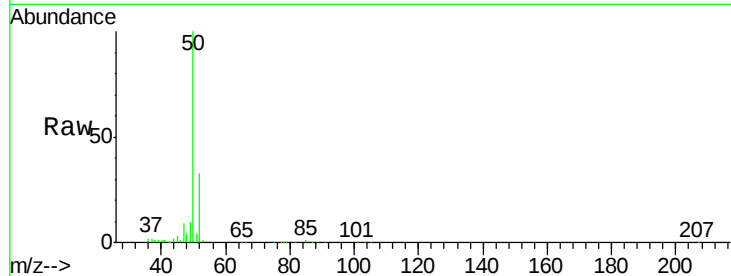
VSTDICCC050

Tgt Ion: 50 Resp: 101391

Ion Ratio Lower Upper

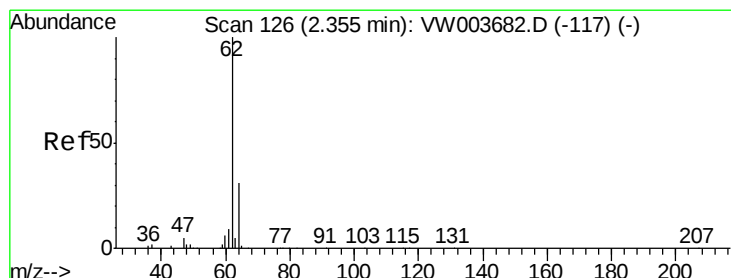
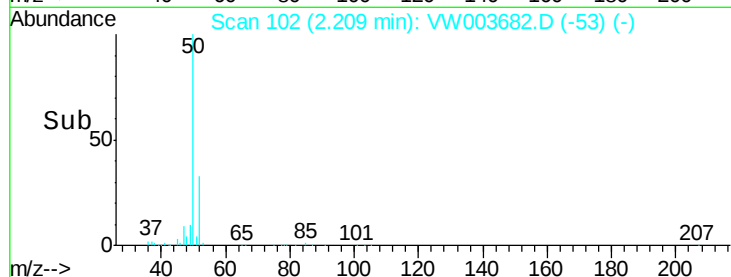
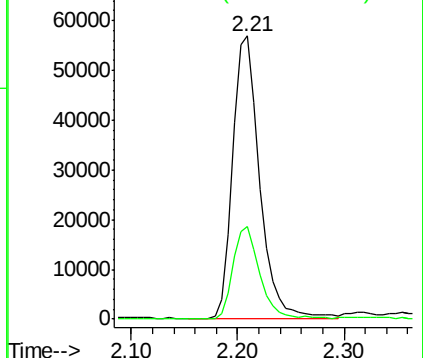
50 100

52 32.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.272 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003682.D

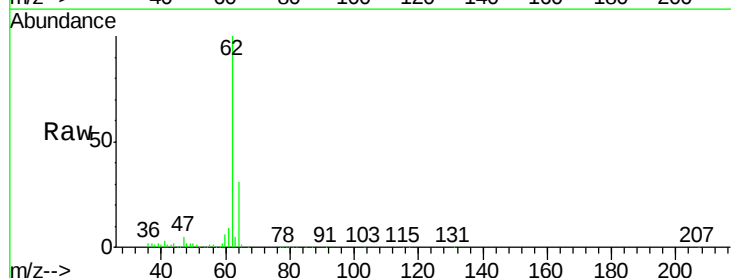
Acq: 02 Jul 2018 17:50

Tgt Ion: 62 Resp: 137841

Ion Ratio Lower Upper

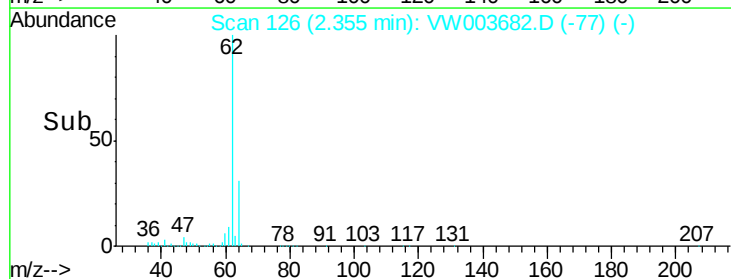
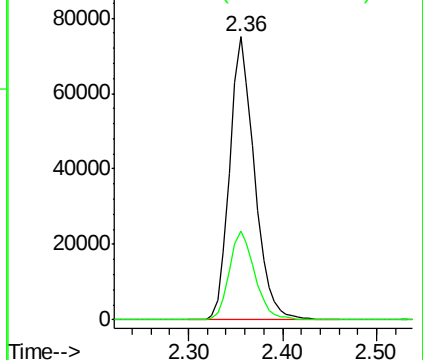
62 100

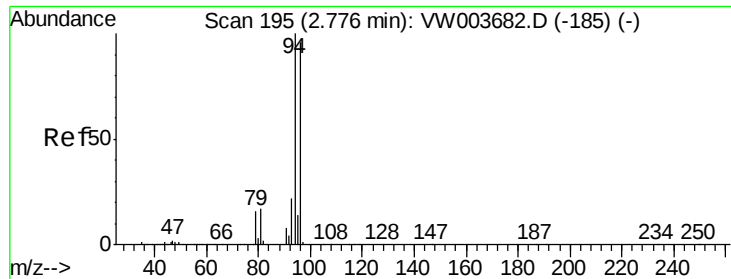
64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 47.933 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

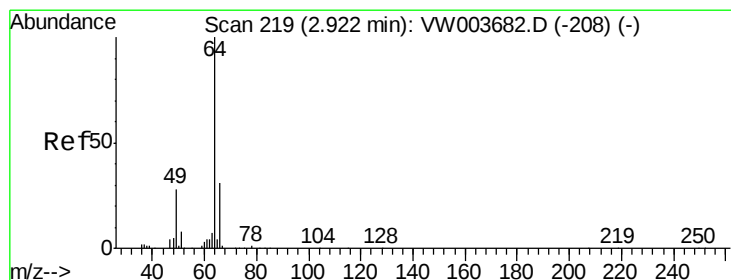
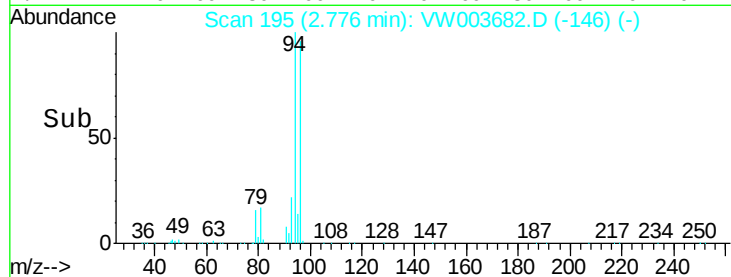
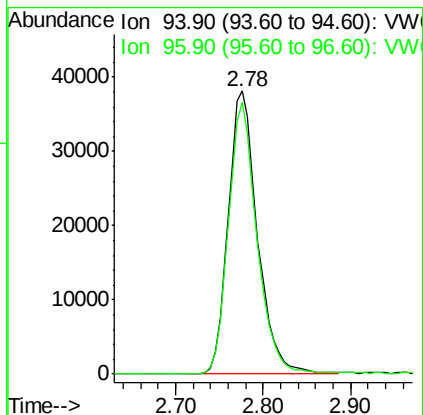
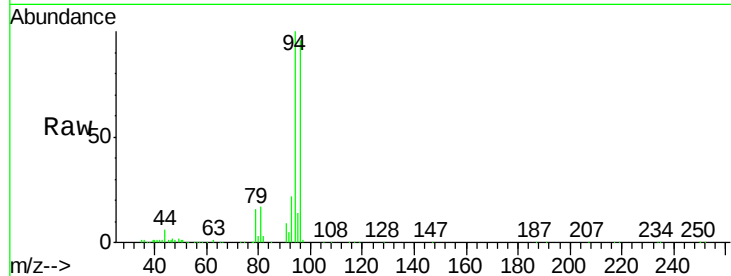
VSTDICCC050

Tgt Ion: 94 Resp: 88559

Ion Ratio Lower Upper

94 100

96 95.8 76.6 115.0



#6

Chloroethane

Concen: 42.333 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003682.D

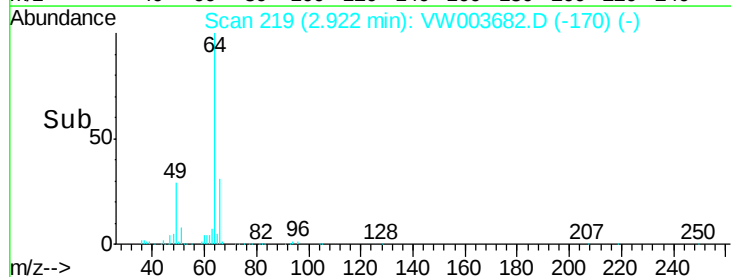
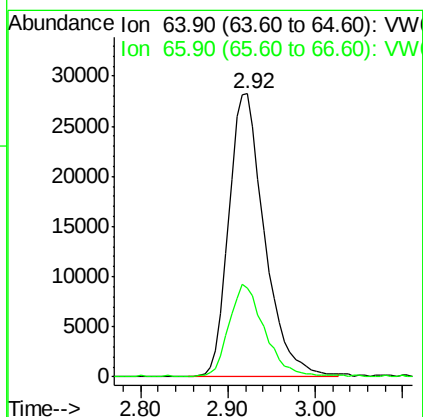
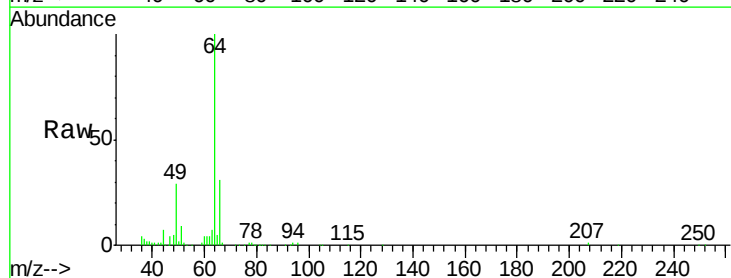
Acq: 02 Jul 2018 17:50

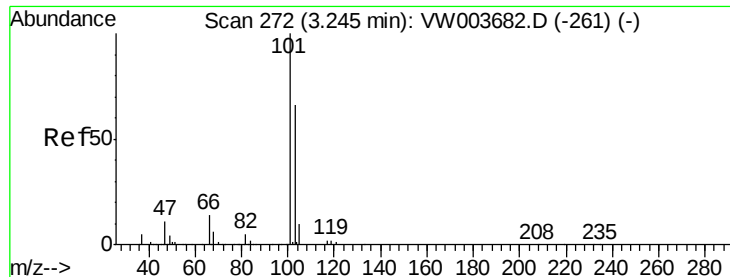
Tgt Ion: 64 Resp: 80556

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6



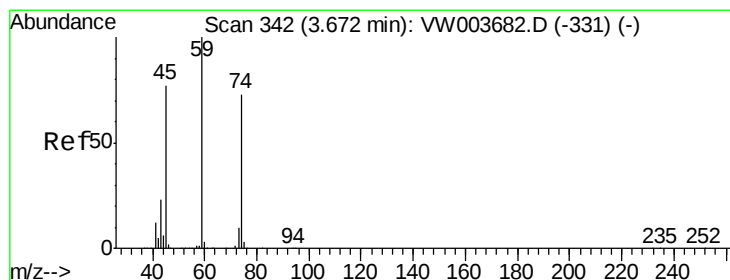
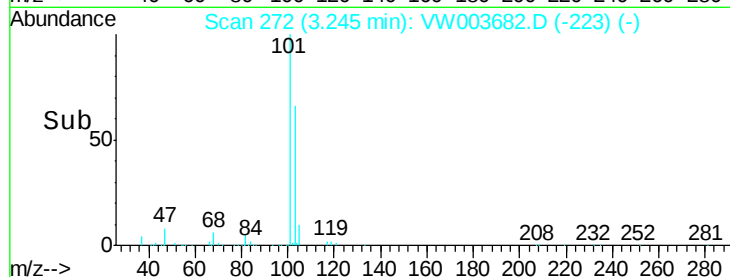
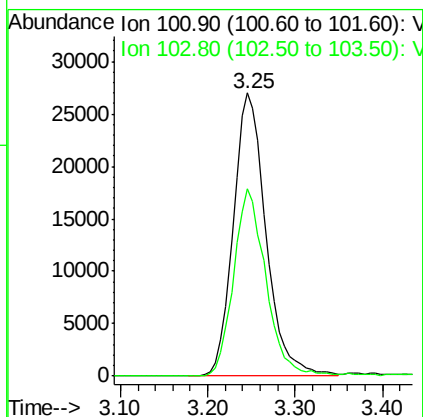
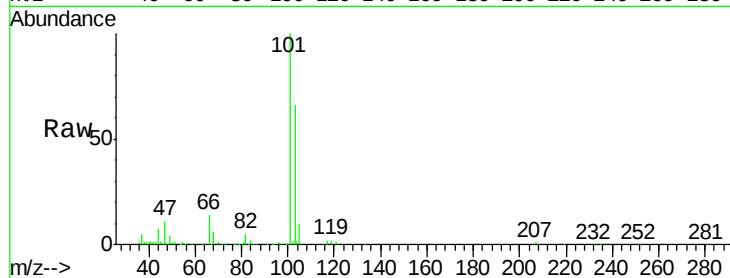


#7

Trichlorofluoromethane
Concen: 43.075 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

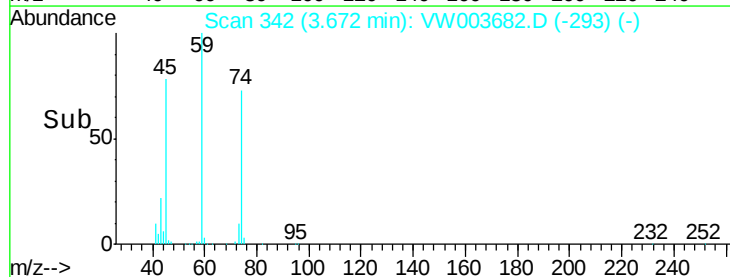
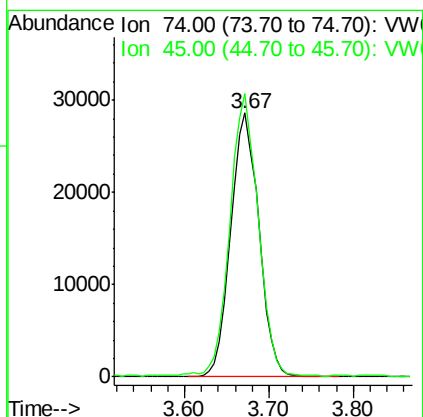
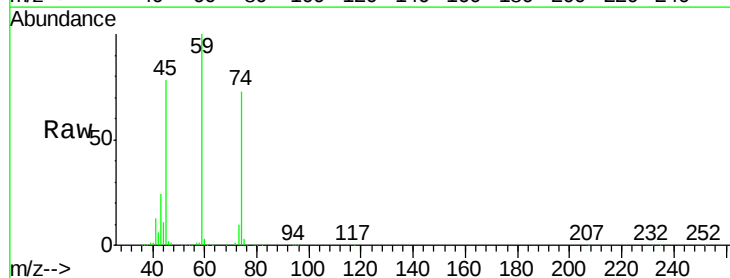
Tgt Ion: 101 Resp: 70198
Ion Ratio Lower Upper
101 100
103 66.1 52.9 79.3

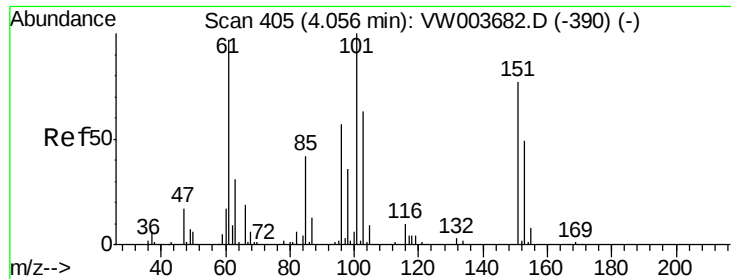


#8

Diethyl Ether
Concen: 52.361 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion: 74 Resp: 64883
Ion Ratio Lower Upper
74 100
45 107.0 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.241 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

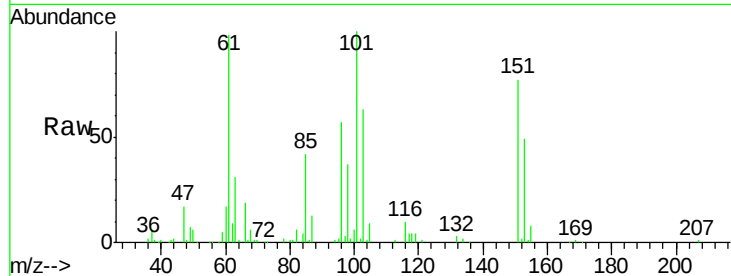
Tgt Ion:101 Resp: 117211

Ion Ratio Lower Upper

101 100

85 45.8 36.6 55.0

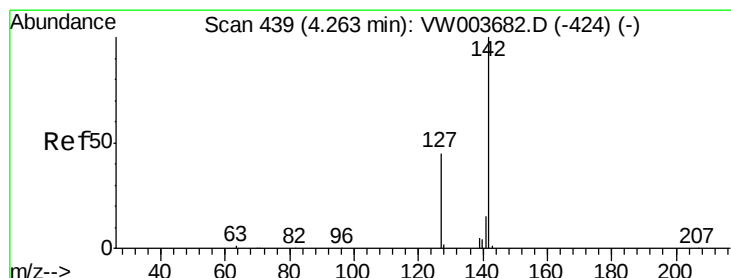
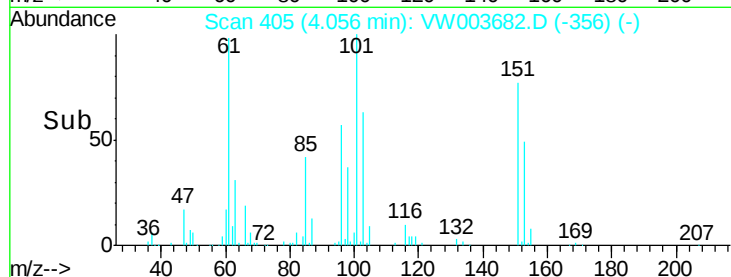
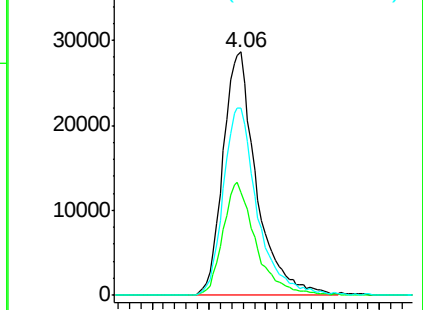
151 78.0 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.232 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

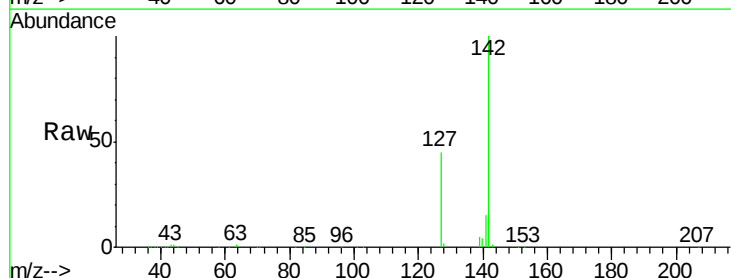
Tgt Ion:142 Resp: 176800

Ion Ratio Lower Upper

142 100

127 45.0 36.0 54.0

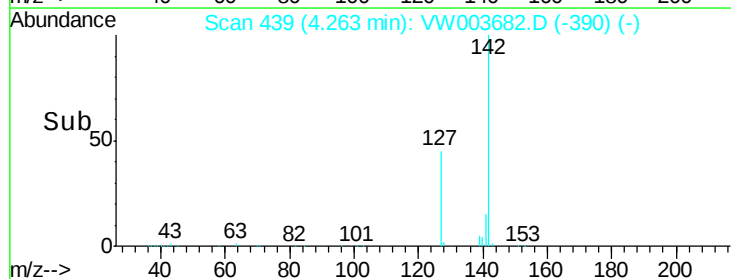
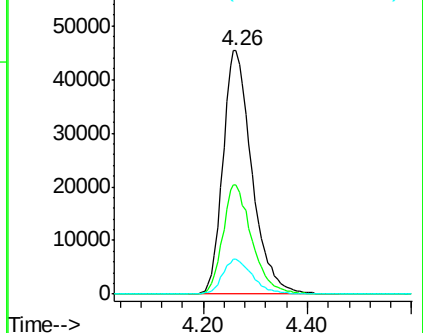
141 14.9 11.9 17.9

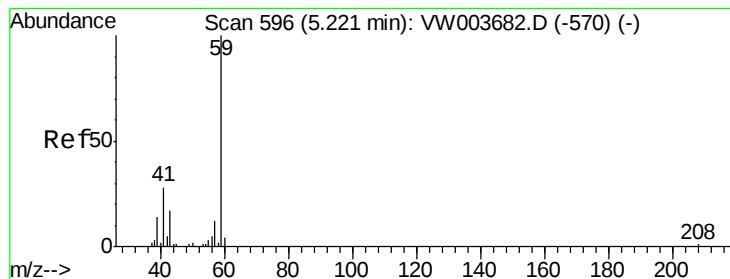


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



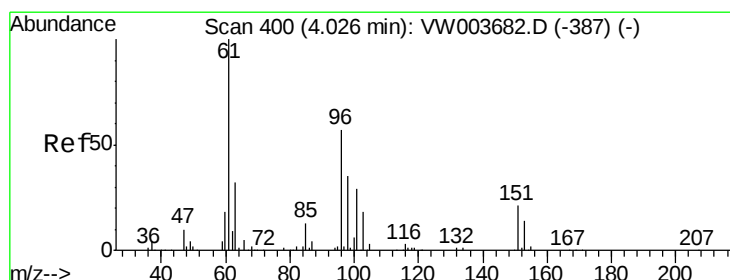
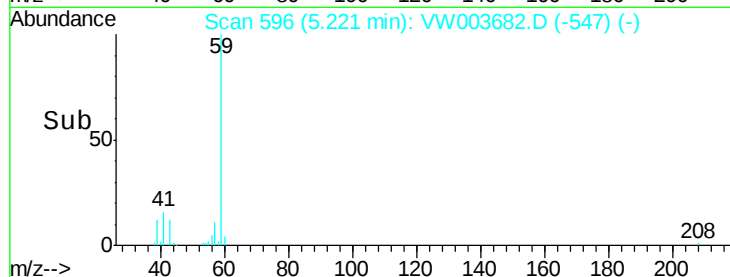
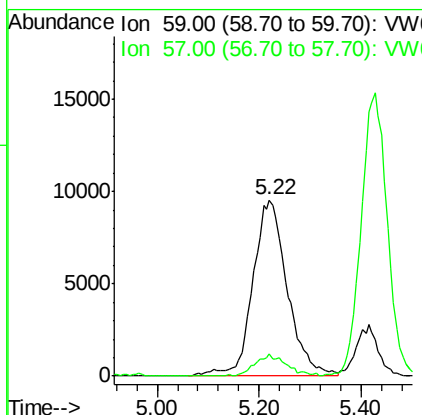
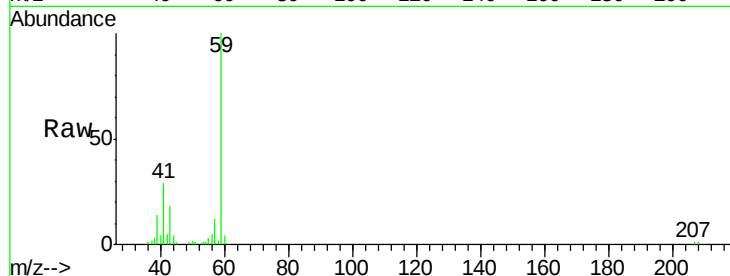


#11

Tert butyl alcohol
 Concen: 300.117 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

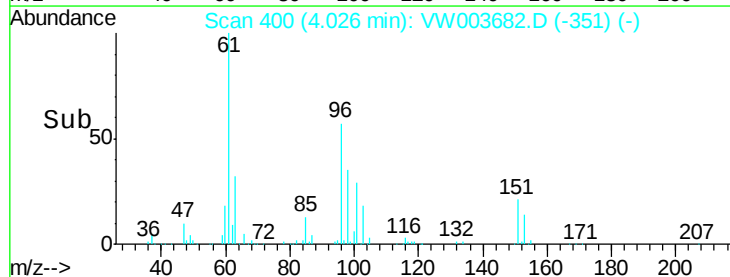
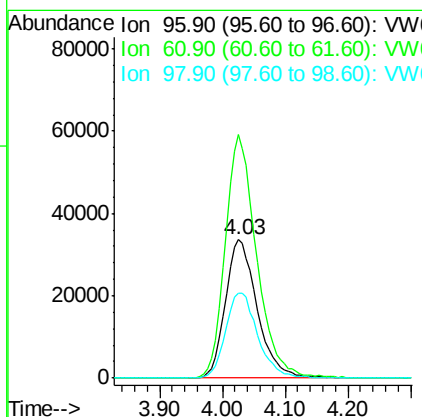
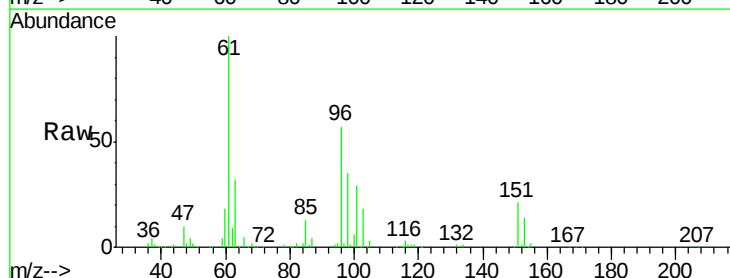
Tgt Ion: 59 Resp: 44739
 Ion Ratio Lower Upper
 59 100
 57 11.2 9.0 13.4

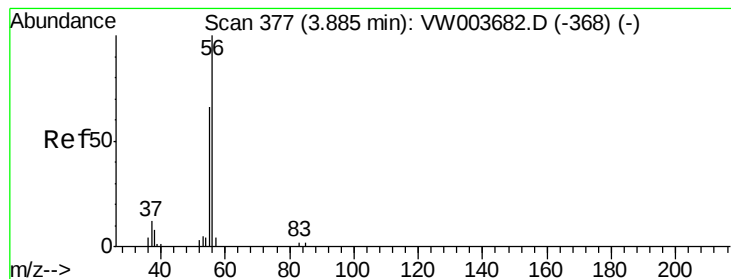


#12

1,1-Dichloroethene
 Concen: 51.289 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion: 96 Resp: 117745
 Ion Ratio Lower Upper
 96 100
 61 175.8 140.6 211.0
 98 61.7 49.4 74.0





#13

Acrolein

Concen: 76.147 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

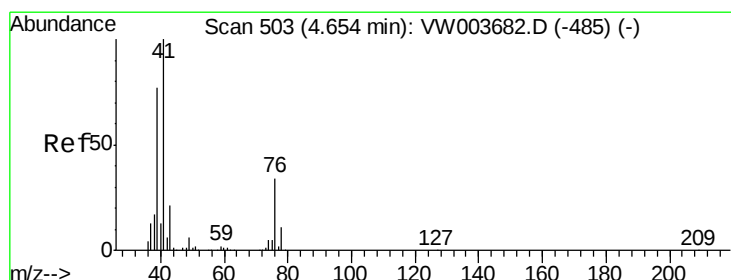
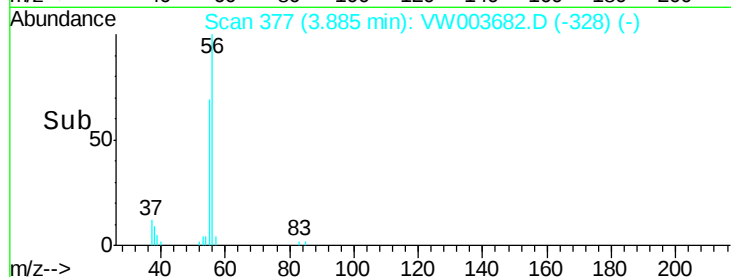
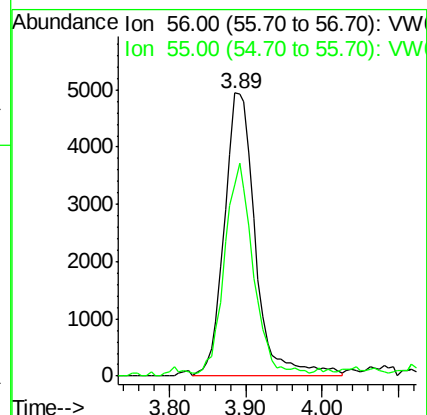
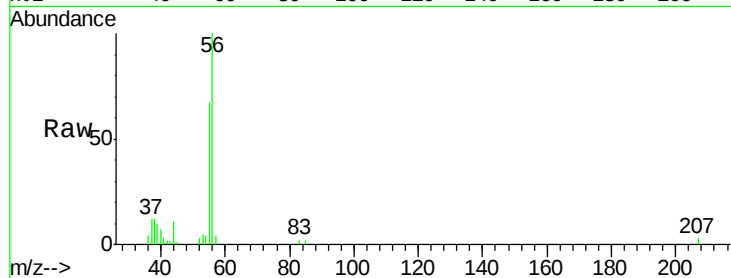
VSTDICCC050

Tgt Ion: 56 Resp: 13913

Ion Ratio Lower Upper

56 100

55 68.4 54.7 82.1



#14

Allyl chloride

Concen: 51.440 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

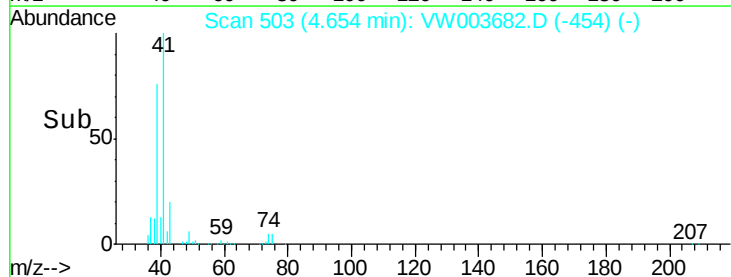
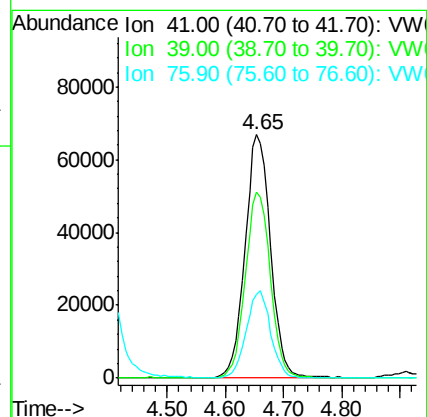
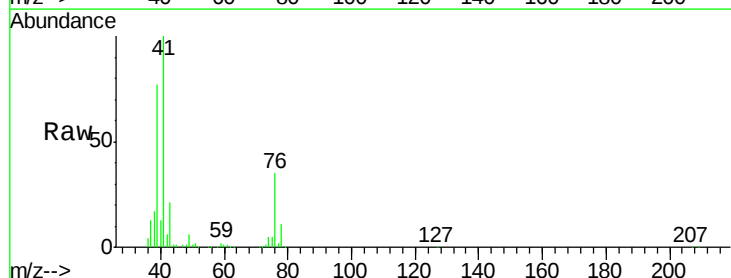
Tgt Ion: 41 Resp: 203385

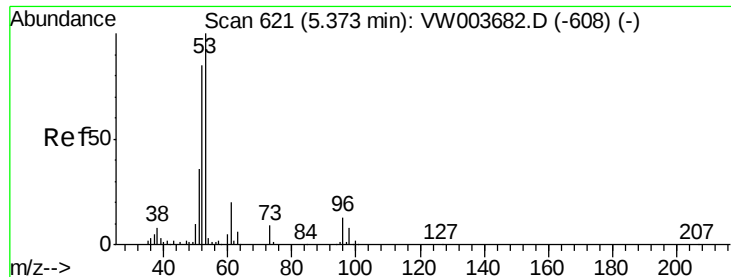
Ion Ratio Lower Upper

41 100

39 75.1 60.1 90.1

76 34.0 27.2 40.8





#15

Acrylonitrile

Concen: 291.528 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

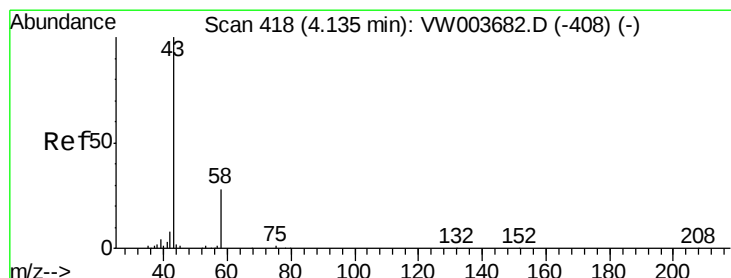
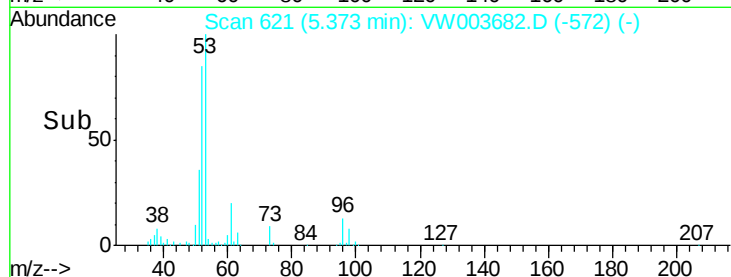
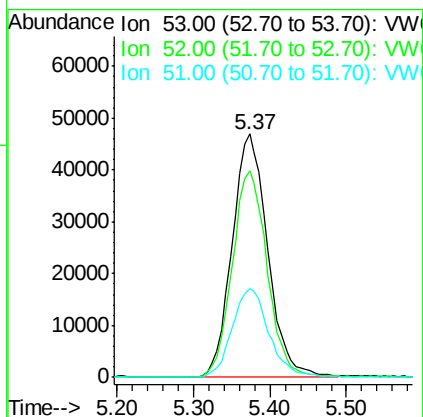
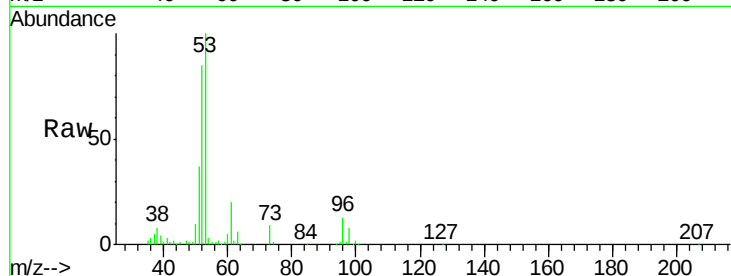
Tgt Ion: 53 Resp: 151383

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

51 37.8 30.2 45.4



#16

Acetone

Concen: 283.487 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003682.D

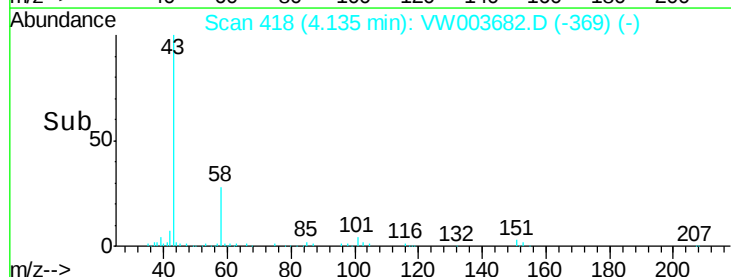
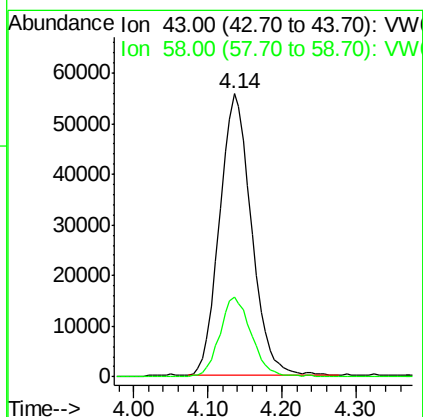
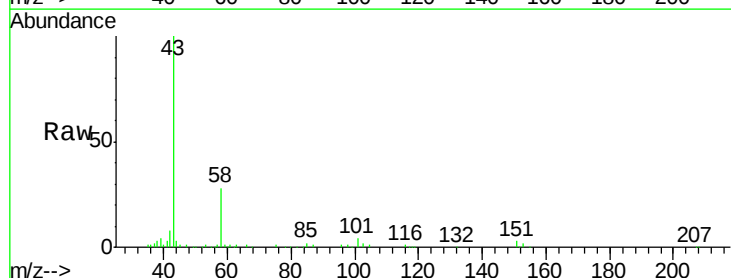
Acq: 02 Jul 2018 17:50

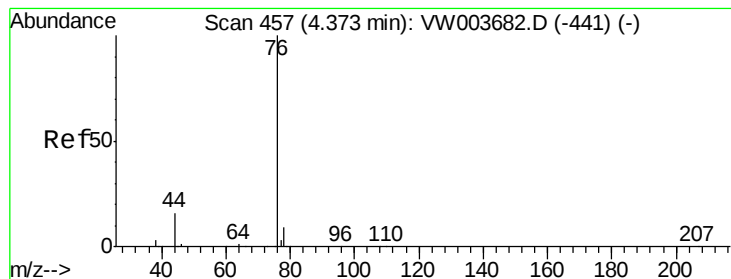
Tgt Ion: 43 Resp: 165591

Ion Ratio Lower Upper

43 100

58 28.4 22.7 34.1





#17

Carbon Disulfide

Concen: 54.289 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

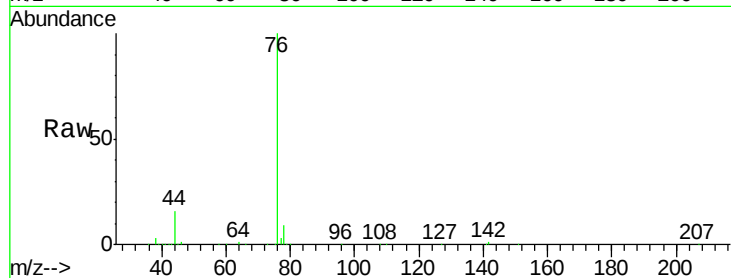
VSTDICCC050

Tgt Ion: 76 Resp: 372829

Ion Ratio Lower Upper

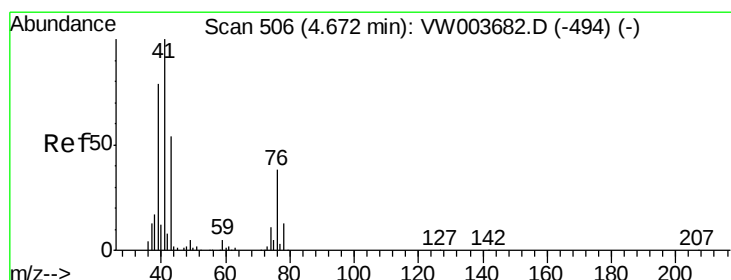
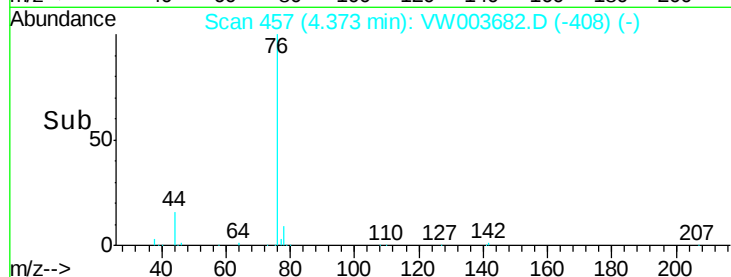
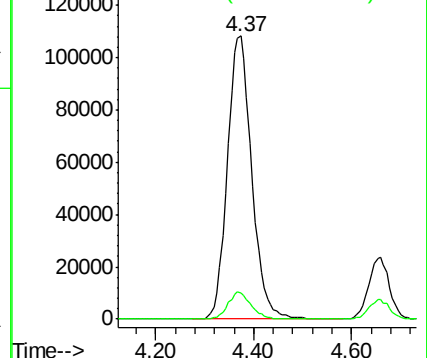
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 51.439 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003682.D

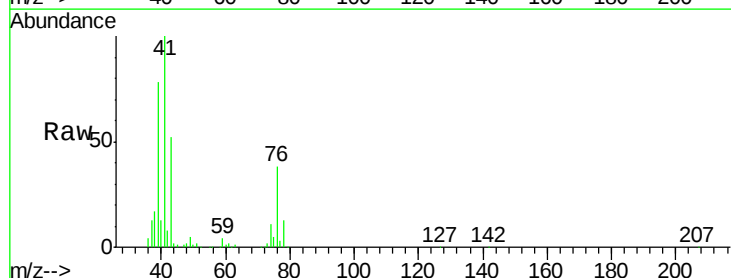
Acq: 02 Jul 2018 17:50

Tgt Ion: 43 Resp: 69850

Ion Ratio Lower Upper

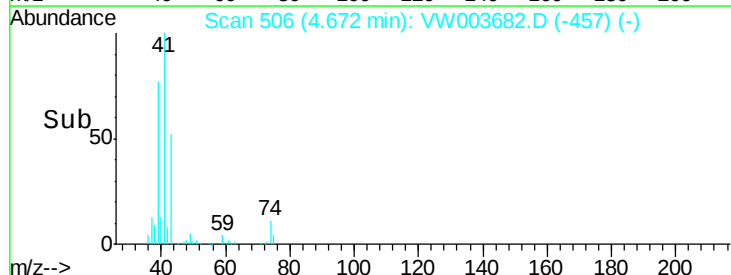
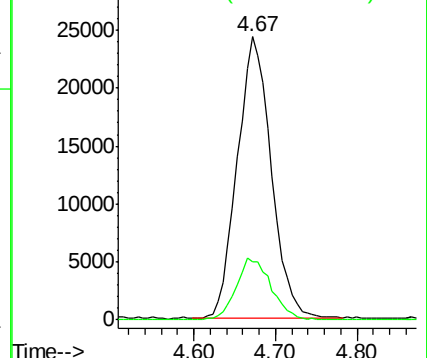
43 100

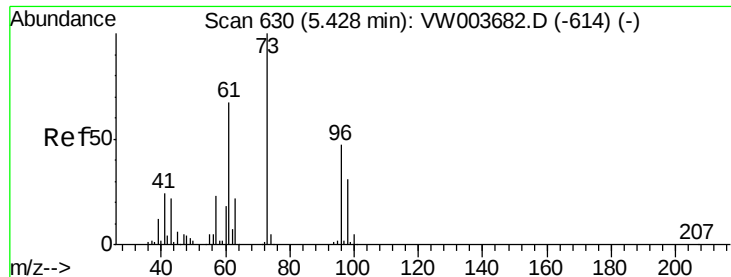
74 22.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

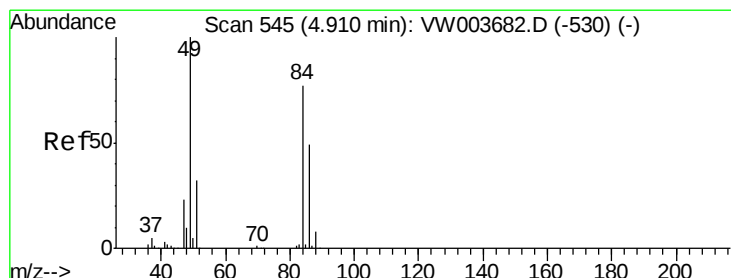
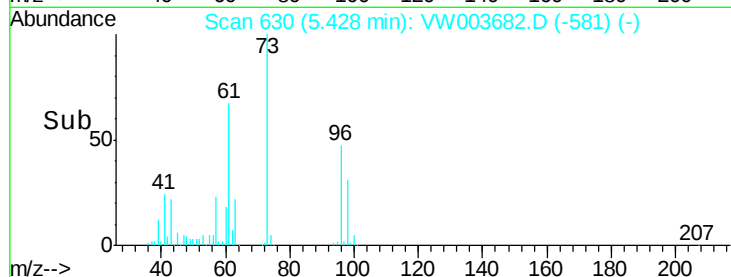
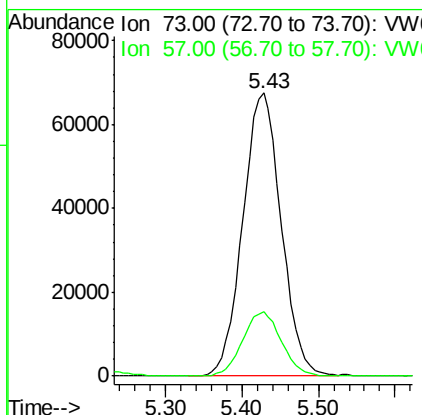
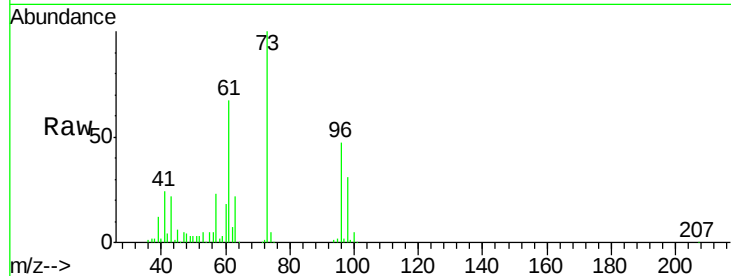




#19
Methyl tert-butyl Ether
Concen: 54.695 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

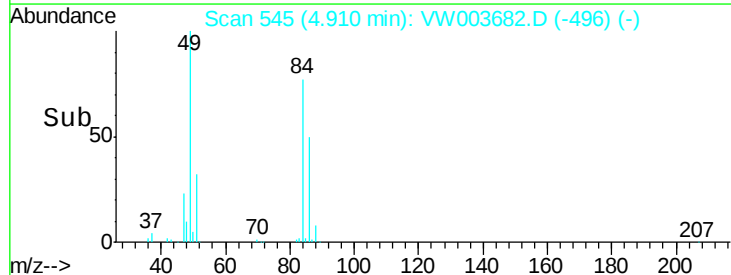
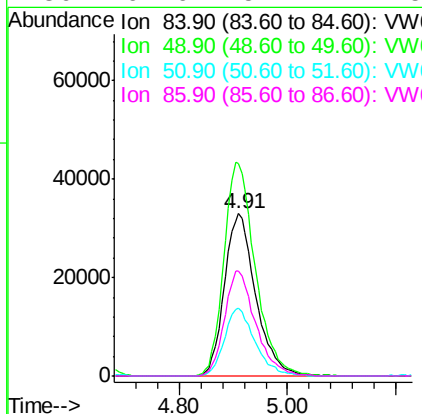
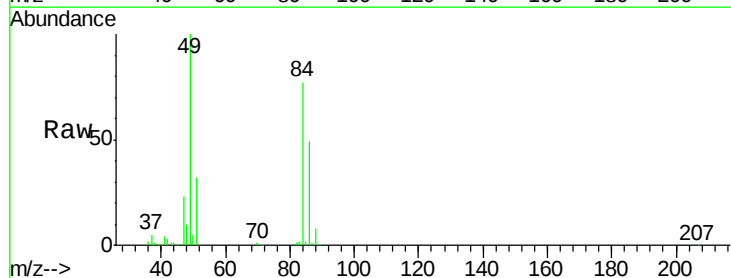
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

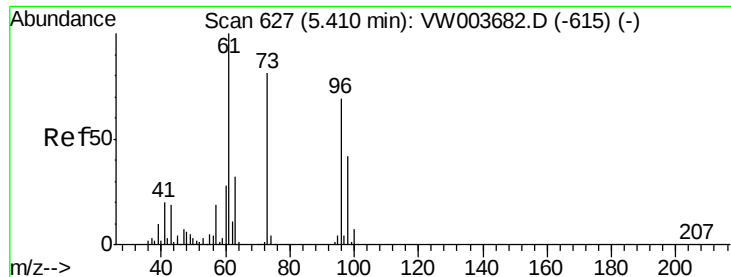
Tgt Ion: 73 Resp: 235445
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 46.492 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion: 84 Resp: 131937
Ion Ratio Lower Upper
84 100
49 130.7 104.6 156.8
51 41.5 33.2 49.8
86 64.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 52.583 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

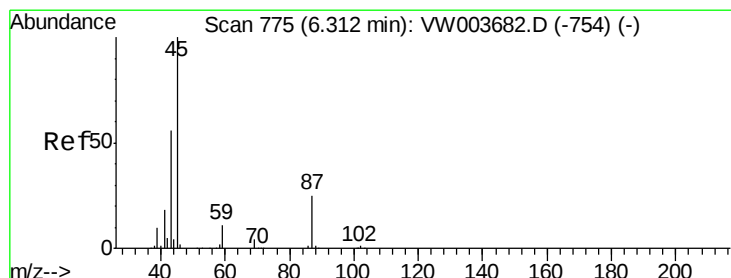
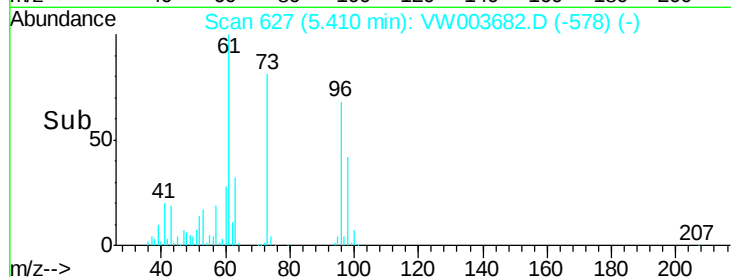
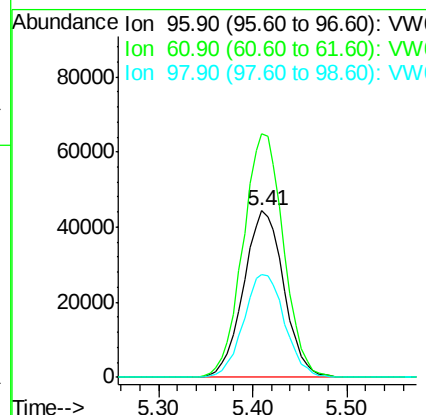
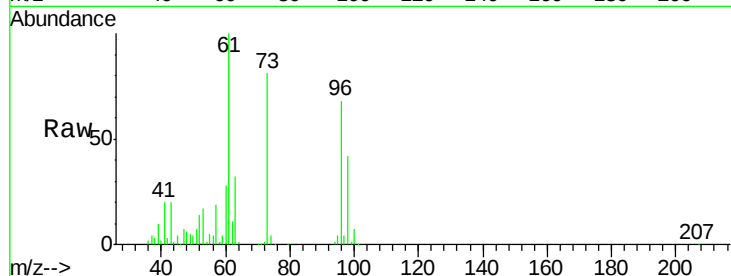
Tgt Ion: 96 Resp: 131750

Ion Ratio Lower Upper

96 100

61 146.0 116.8 175.2

98 62.0 49.6 74.4



#22

Diisopropyl ether

Concen: 53.495 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Tgt Ion: 45 Resp: 427139

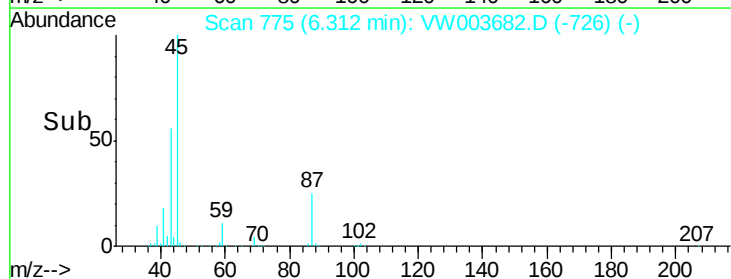
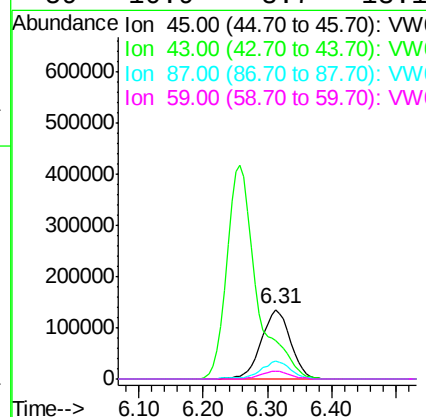
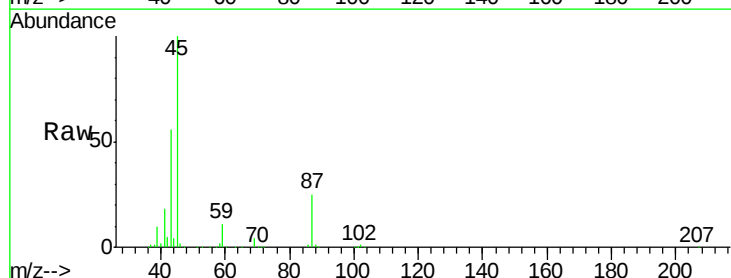
Ion Ratio Lower Upper

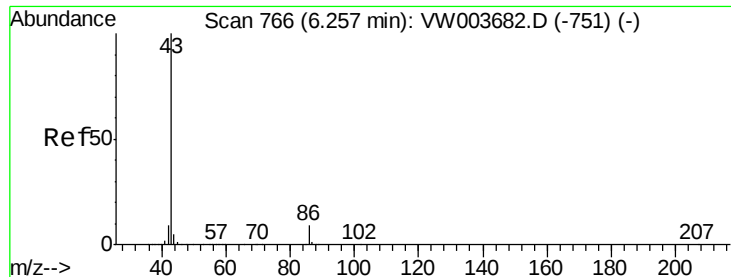
45 100

43 55.6 44.5 66.7

87 25.3 20.2 30.4

59 10.9 8.7 13.1





#23

Vinyl Acetate

Concen: 291.605 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

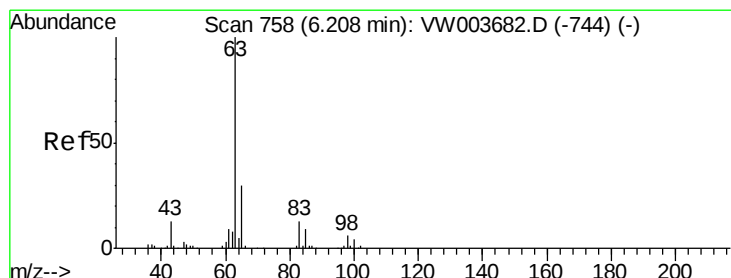
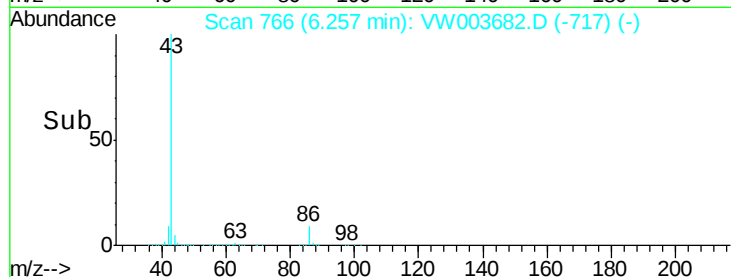
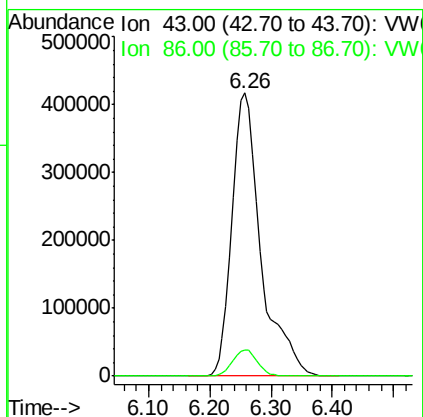
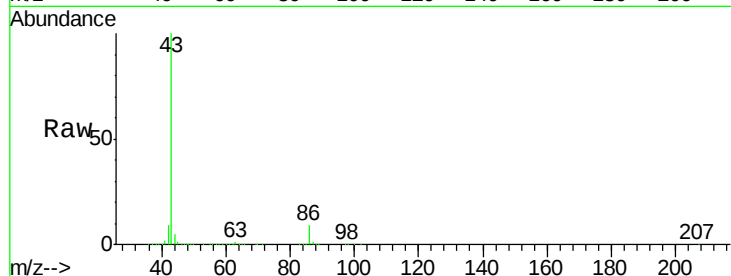
VSTDICCC050

Tgt Ion: 43 Resp: 1360725

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3



#24

1,1-Dichloroethane

Concen: 51.926 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

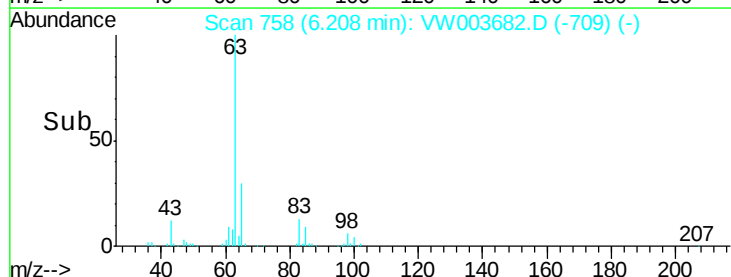
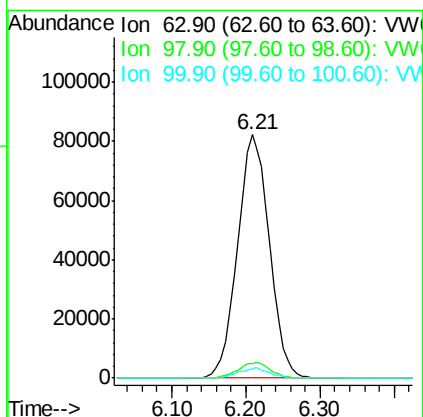
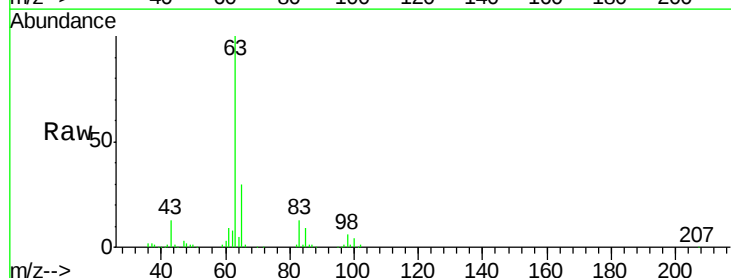
Tgt Ion: 63 Resp: 246109

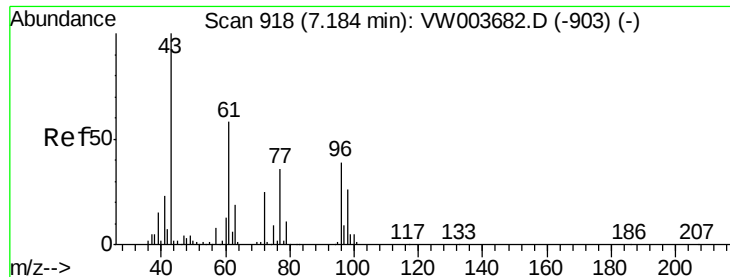
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.6

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 304.741 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

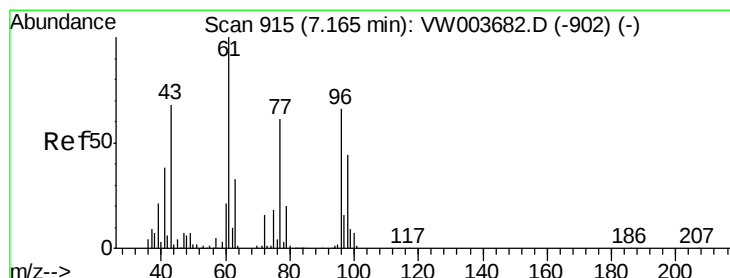
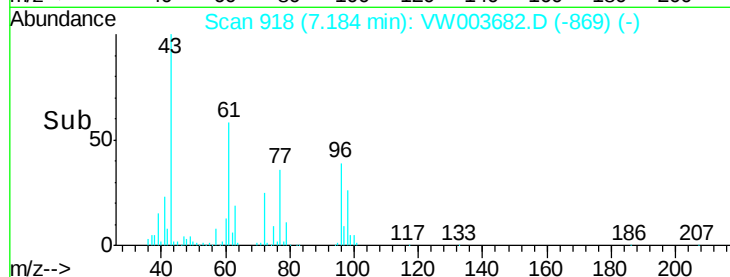
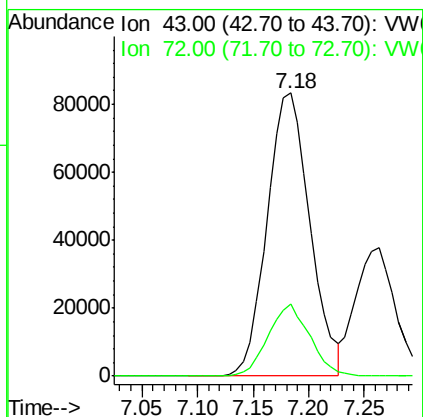
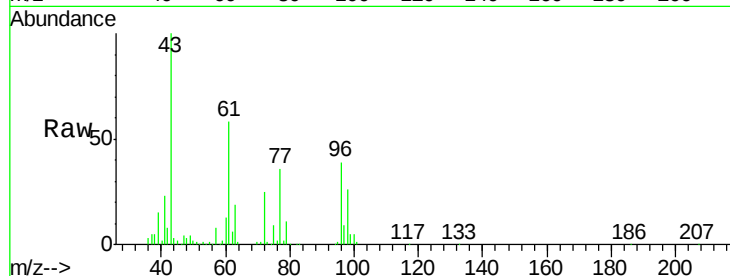
VSTDICCC050

Tgt Ion: 43 Resp: 223132

Ion Ratio Lower Upper

43 100

72 25.3 20.2 30.4



#26

2,2-Dichloropropane

Concen: 46.745 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003682.D

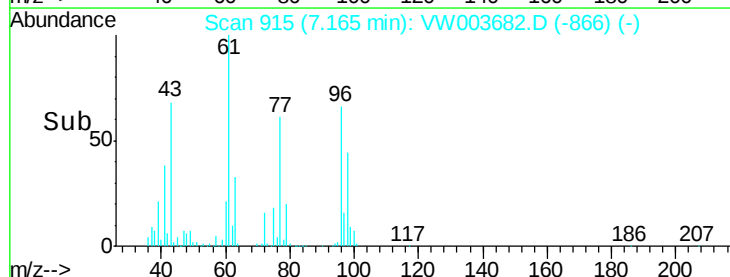
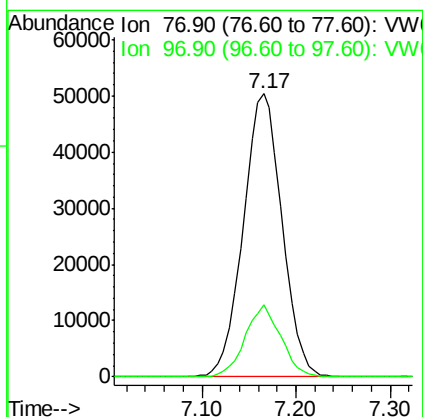
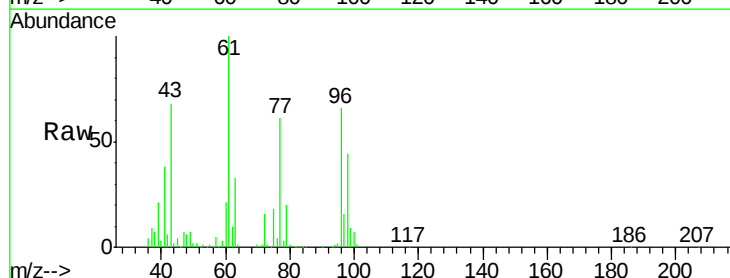
Acq: 02 Jul 2018 17:50

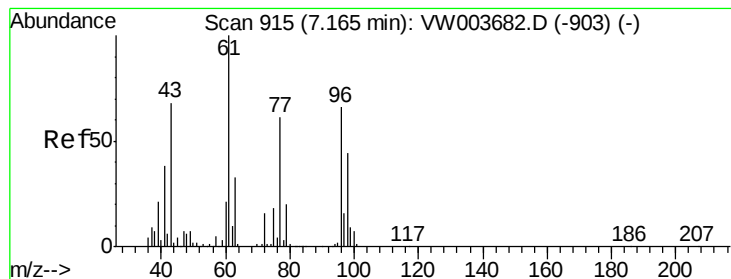
Tgt Ion: 77 Resp: 145192

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.776 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

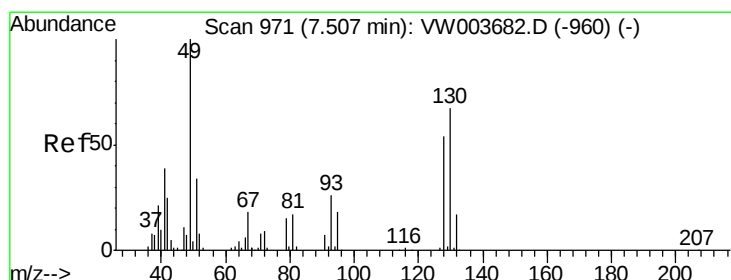
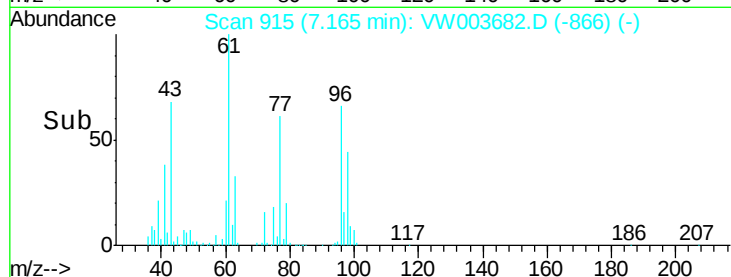
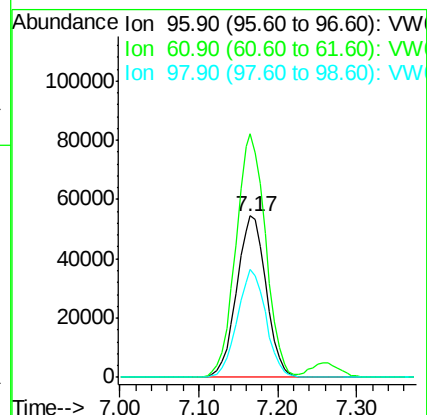
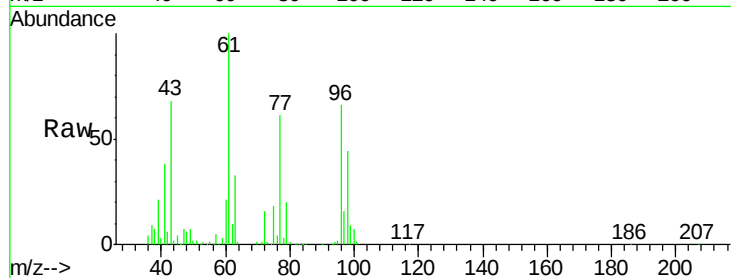
Tgt Ion: 96 Resp: 141168

Ion Ratio Lower Upper

96 100

61 152.5 0.0 305.0

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 55.866 ug/l

RT: 7.51 min Scan# 971

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

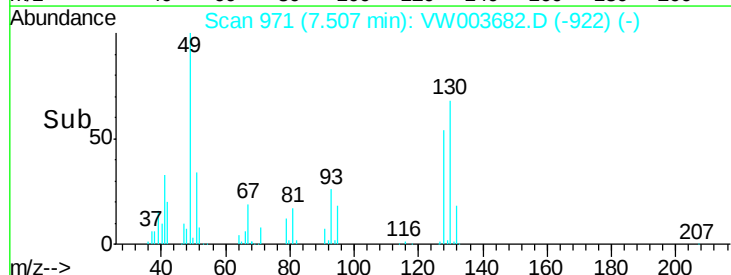
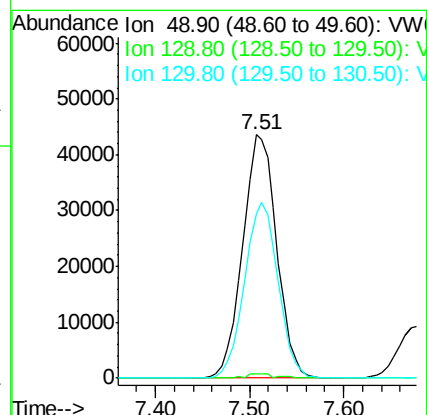
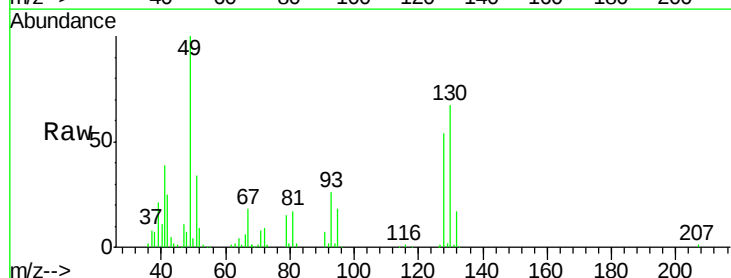
Tgt Ion: 49 Resp: 109923

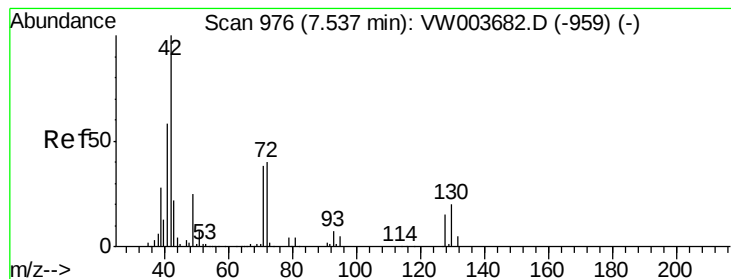
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.0

130 71.3 57.0 85.6





#29

Tetrahydrofuran

Concen: 304.064 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

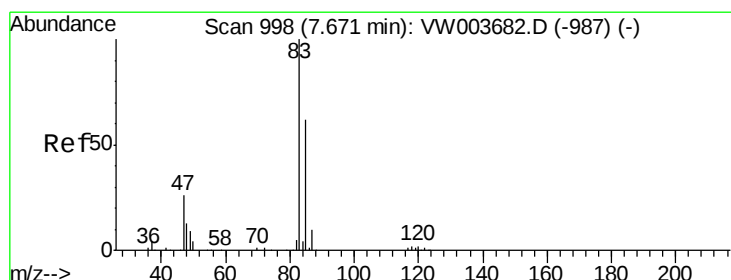
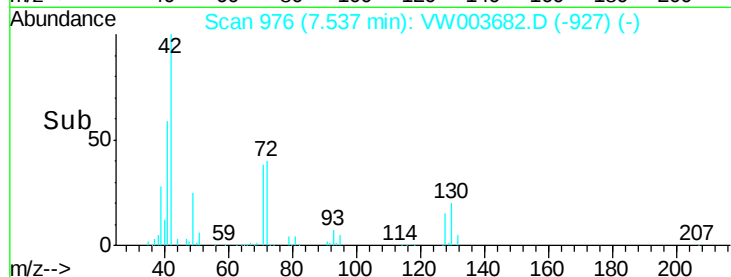
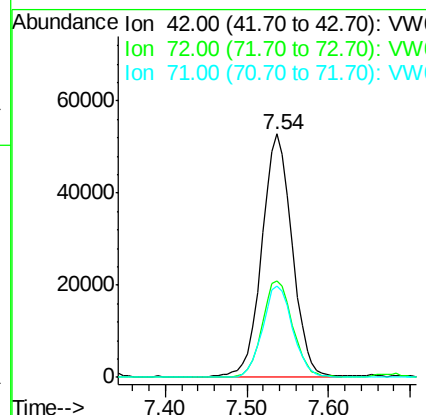
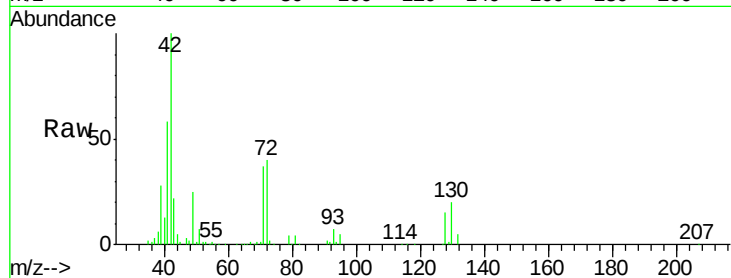
Tgt Ion: 42 Resp: 136578

Ion Ratio Lower Upper

42 100

72 40.0 32.0 48.0

71 37.7 30.2 45.2



#30

Chloroform

Concen: 51.610 ug/l

RT: 7.67 min Scan# 998

Delta R.T. 0.00 min

Lab File: VW003682.D

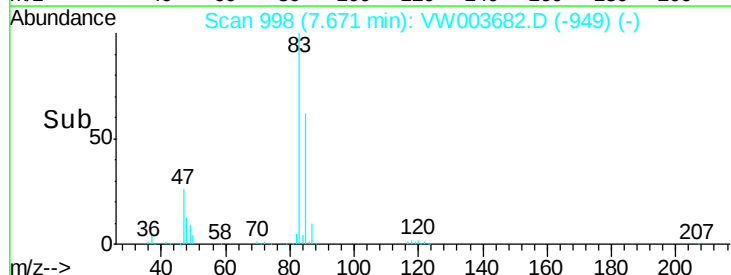
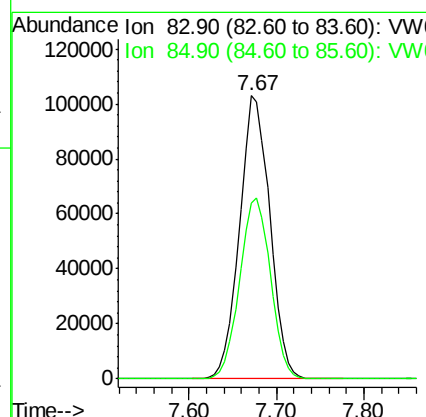
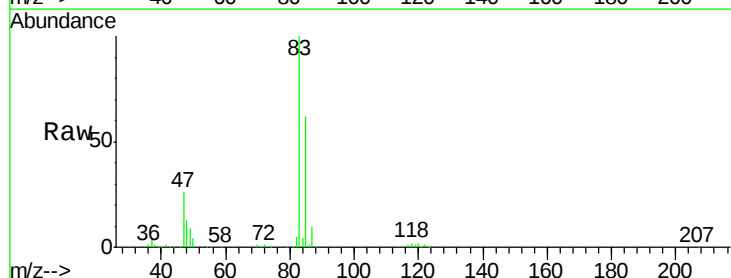
Acq: 02 Jul 2018 17:50

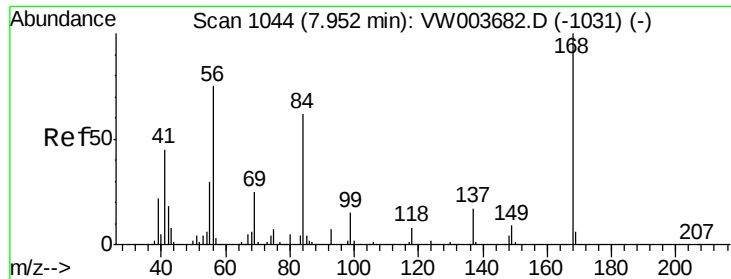
Tgt Ion: 83 Resp: 248256

Ion Ratio Lower Upper

83 100

85 62.1 49.7 74.5

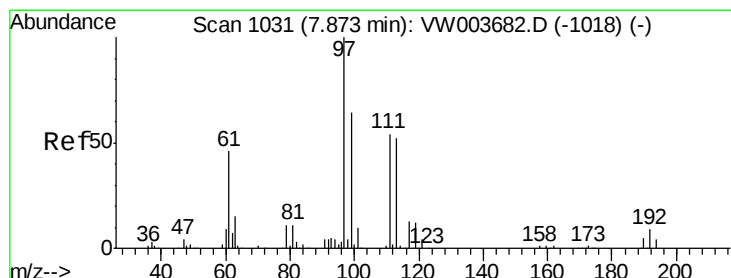
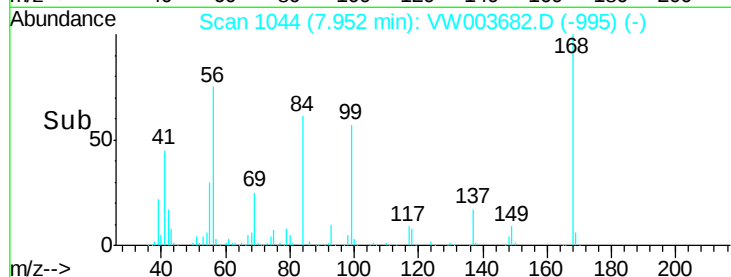
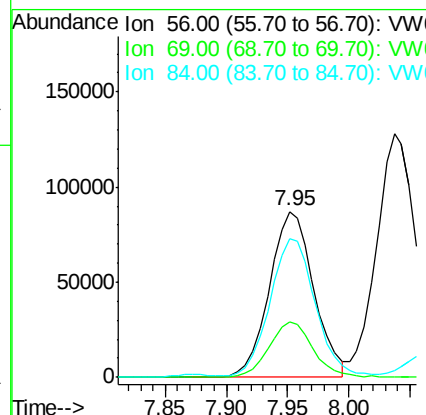
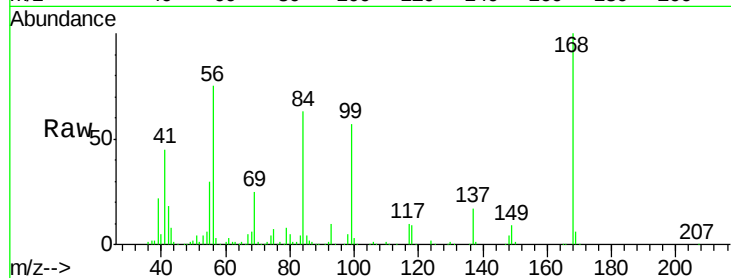




#31
Cyclohexane
Concen: 49.379 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

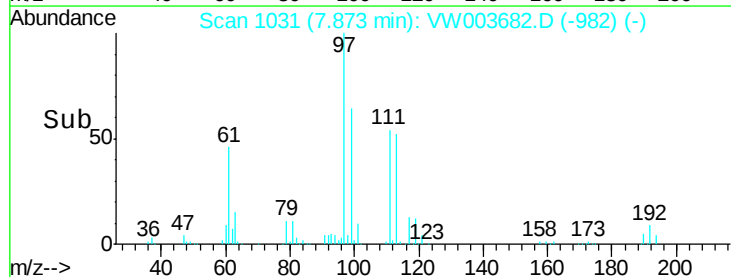
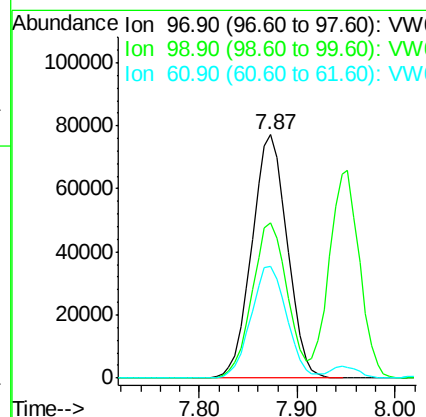
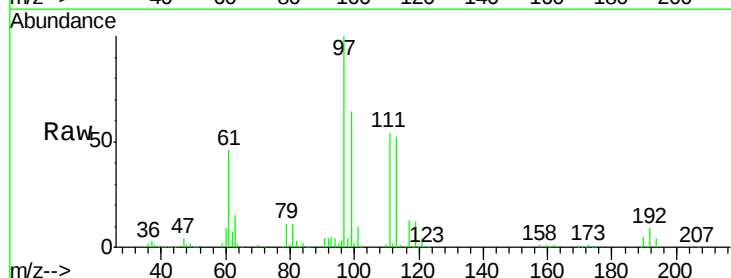
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

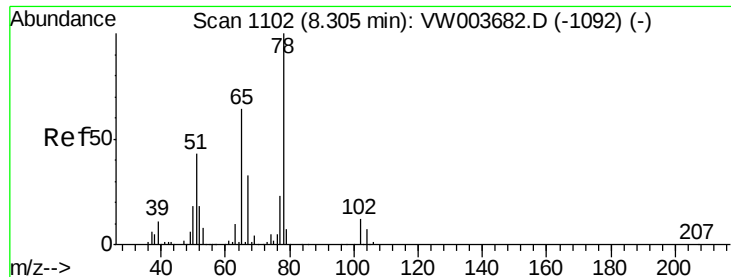
Tgt Ion: 56 Resp: 219347
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 81.7 65.4 98.0



#32
1,1,1-Trichloroethane
Concen: 49.124 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion: 97 Resp: 193379
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 46.5 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 53.550 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

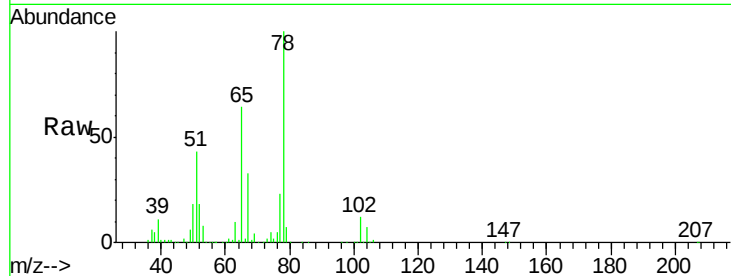
VSTDICCC050

Tgt Ion: 65 Resp: 146982

Ion Ratio Lower Upper

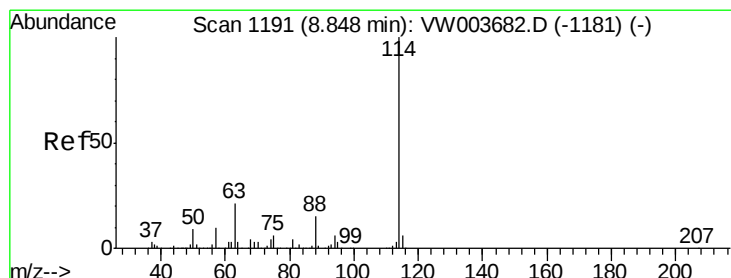
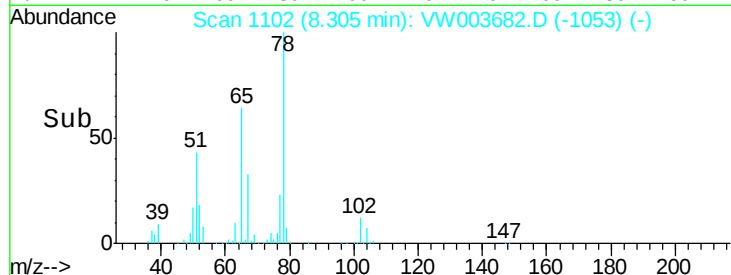
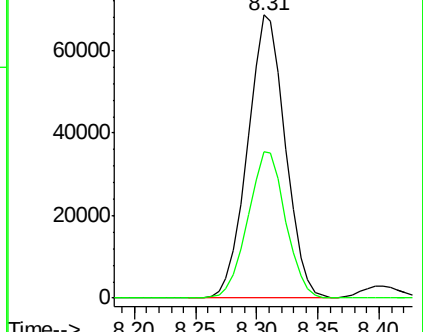
65 100

67 52.0 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

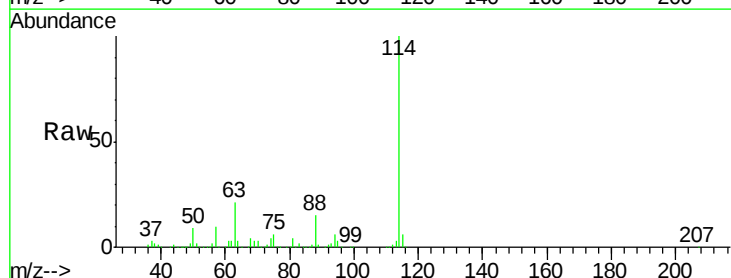
Tgt Ion: 114 Resp: 387698

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

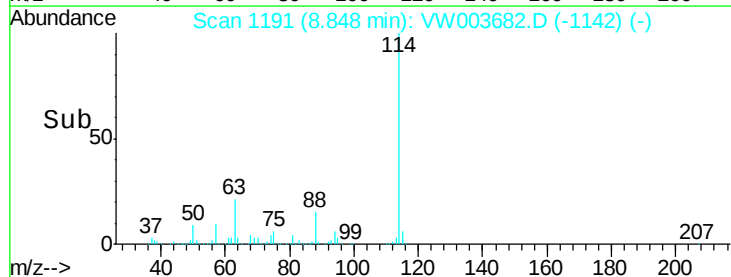
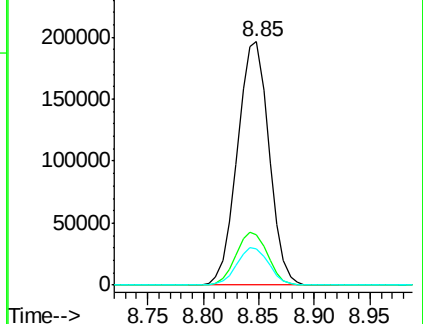
88 14.9 0.0 29.8

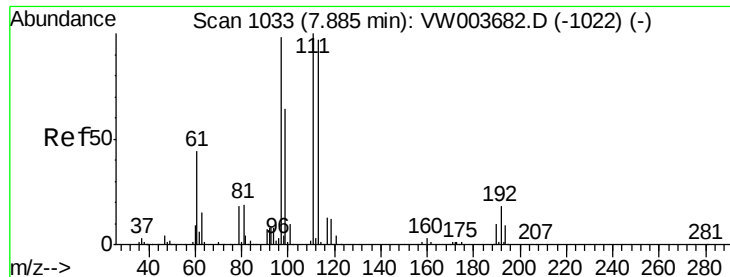


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

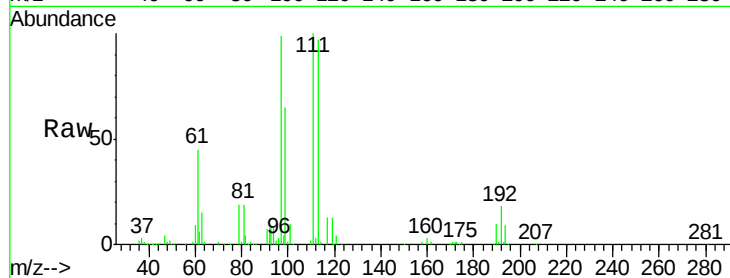




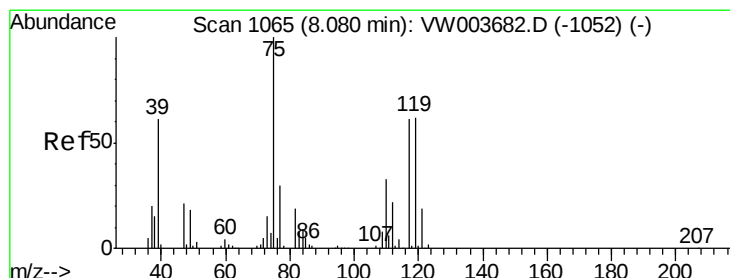
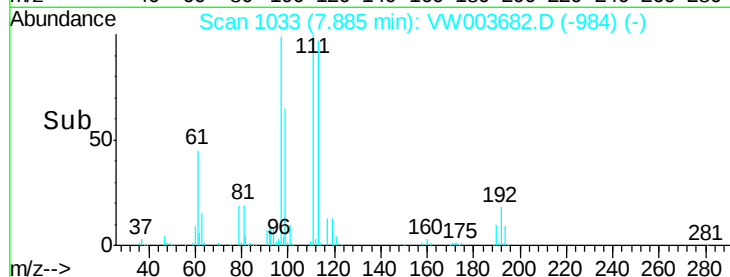
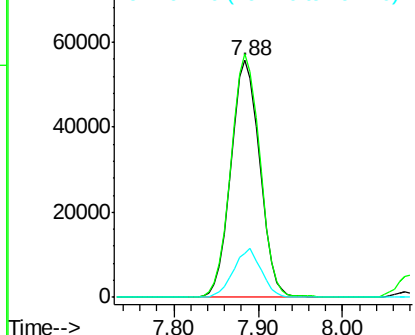
#35
 Dibromofluoromethane
 Concen: 52.880 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 113 Resp: 129441
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 19.7 15.8 23.6

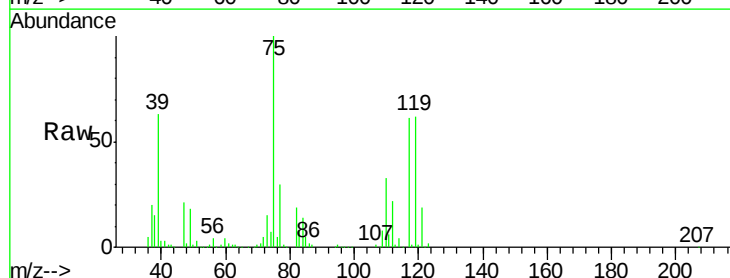


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

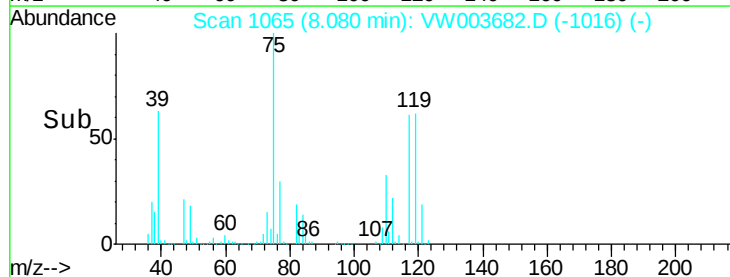
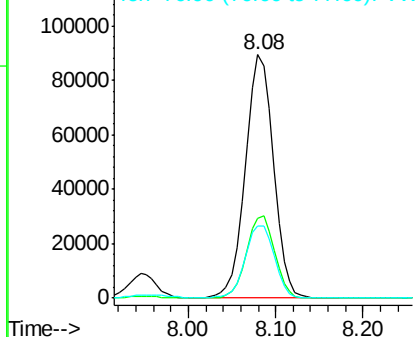


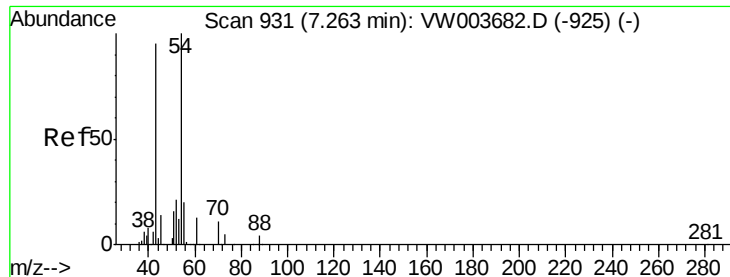
#36
 1,1-Dichloropropene
 Concen: 52.511 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion: 75 Resp: 200274
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 31.1 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

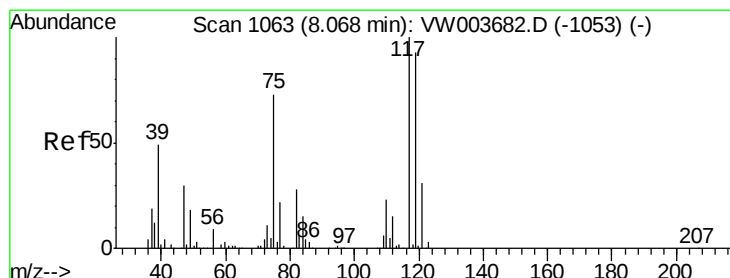
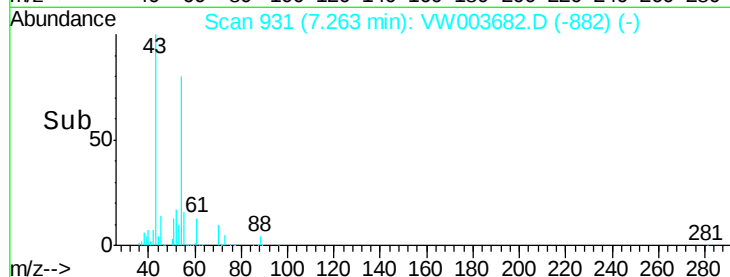
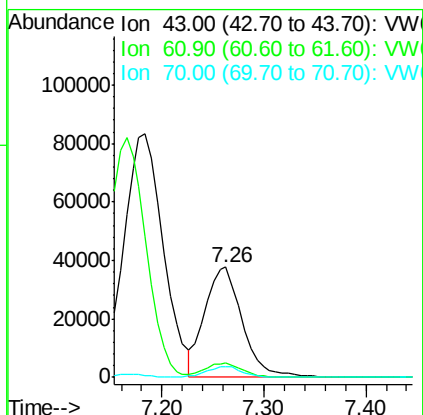
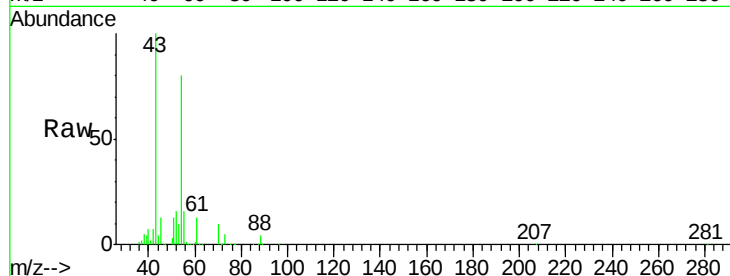




#37
Ethyl Acetate
Concen: 59.167 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

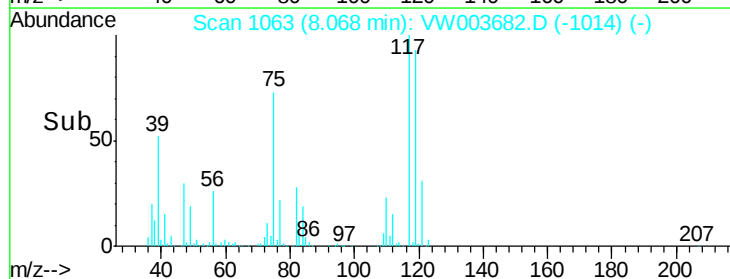
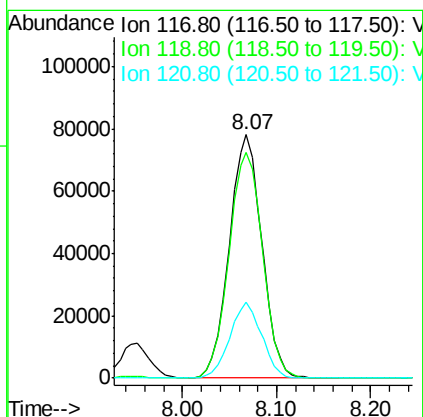
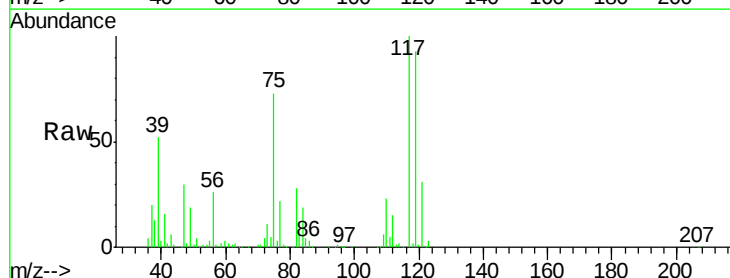
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

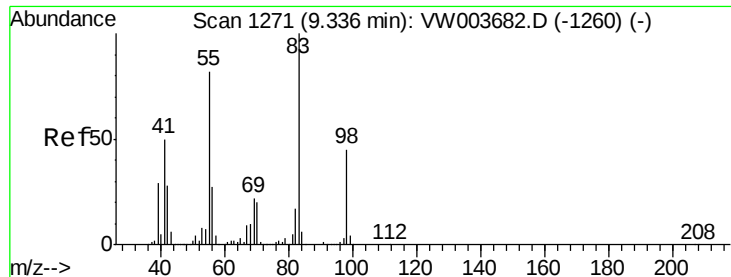
Tgt Ion: 43 Resp: 95665
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.684 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion: 117 Resp: 188012
Ion Ratio Lower Upper
117 100
119 92.6 74.1 111.1
121 31.2 25.0 37.4

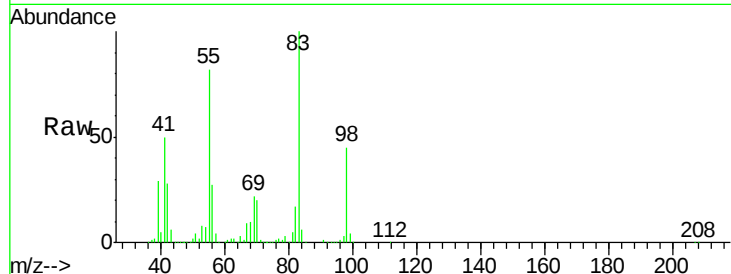




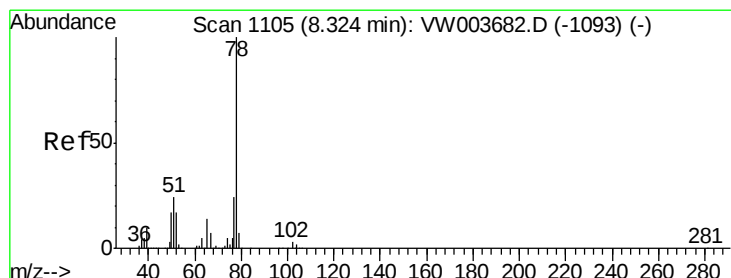
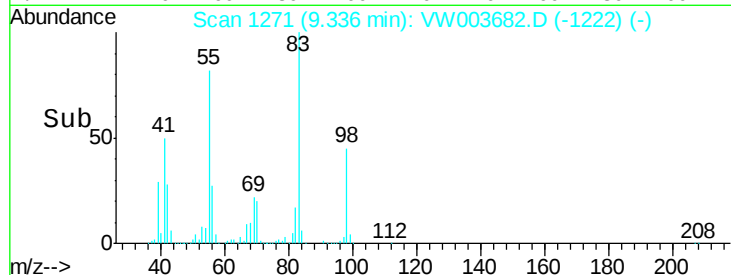
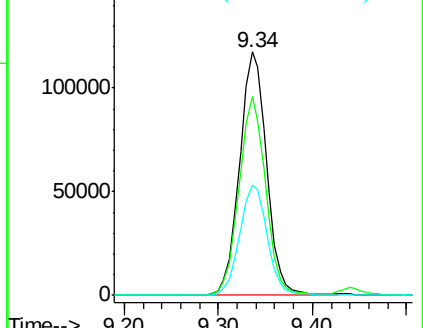
#39
Methylcyclohexane
Concen: 53.357 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 236162
Ion Ratio Lower Upper
83 100
55 81.6 65.3 97.9
98 45.4 36.3 54.5

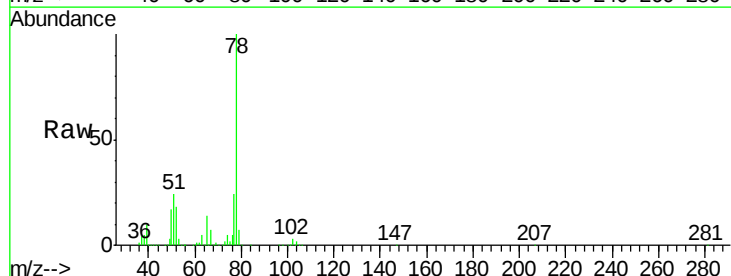


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

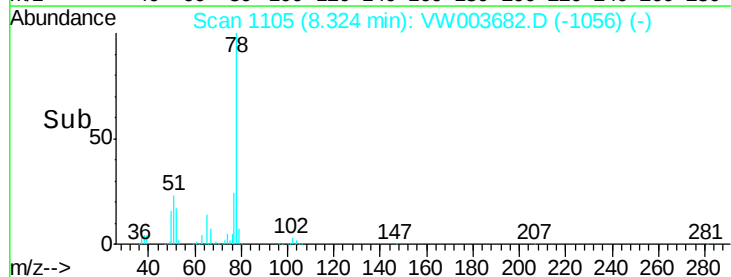
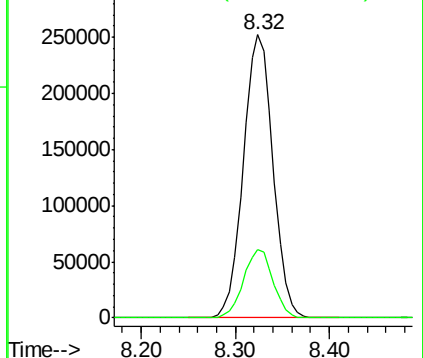


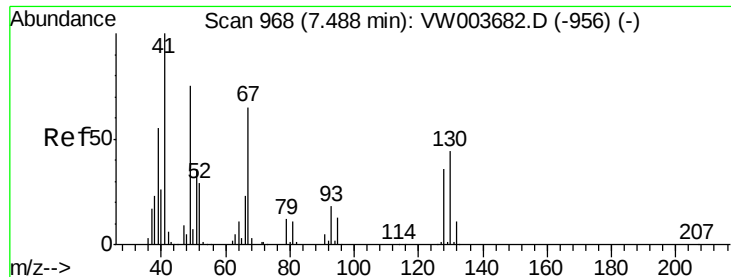
#40
Benzene
Concen: 52.700 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion: 78 Resp: 554254
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

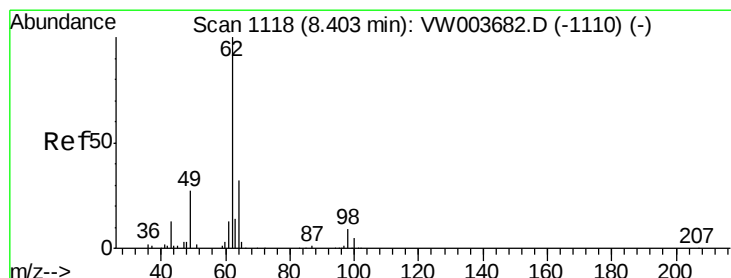
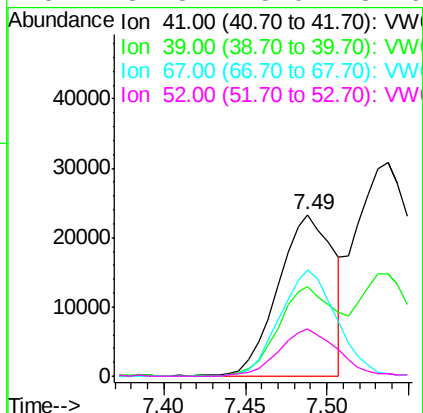
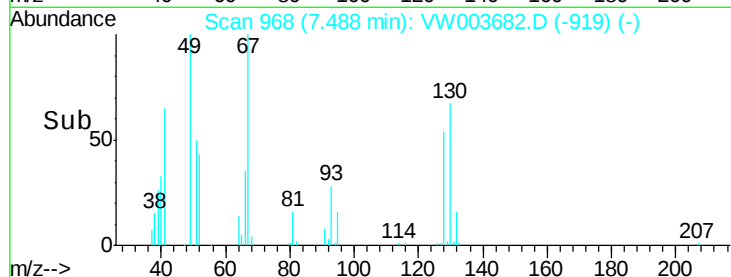
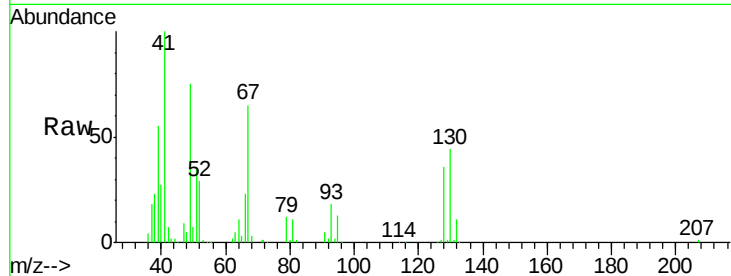




#41
Methacrylonitrile
Concen: 56.211 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

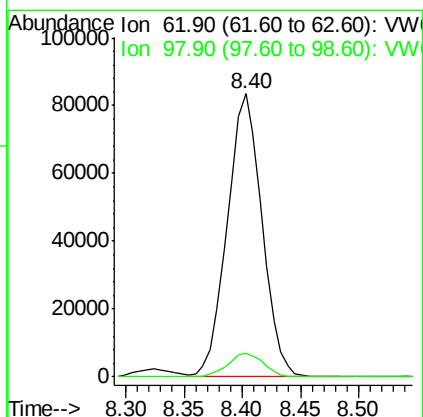
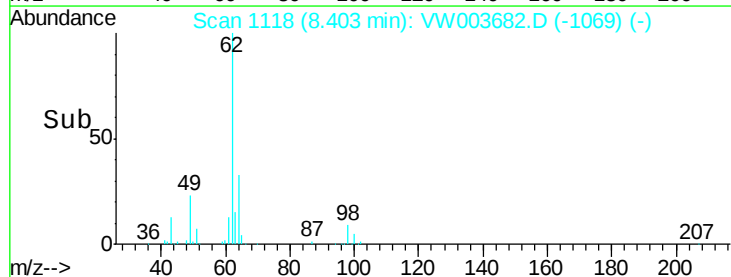
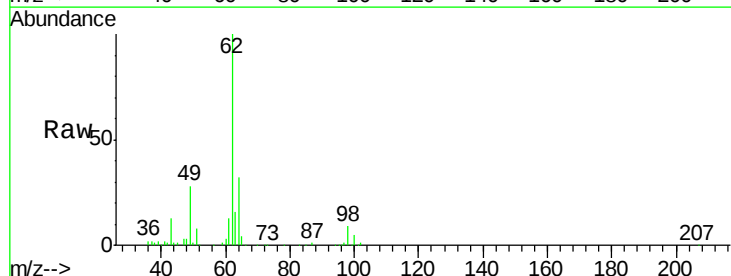
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

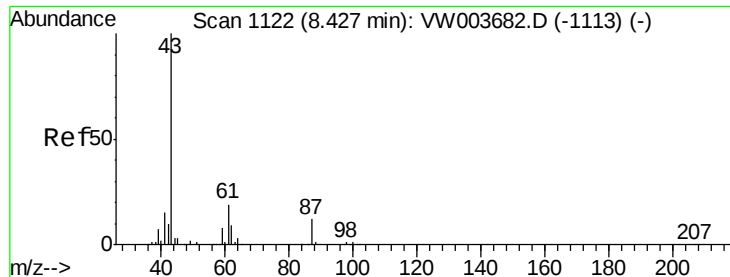
Tgt Ion:	41	Resp:	55057
Ion	Ratio	Lower	Upper
41	100		
39	59.8	47.8	71.8
67	67.4	53.9	80.9
52	31.3	25.0	37.6



#42
1,2-Dichloroethane
Concen: 52.683 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion:	62	Resp:	173389
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 57.091 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

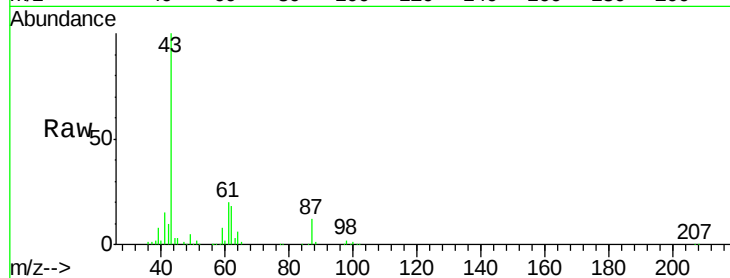
Tgt Ion: 43 Resp: 181260

Ion Ratio Lower Upper

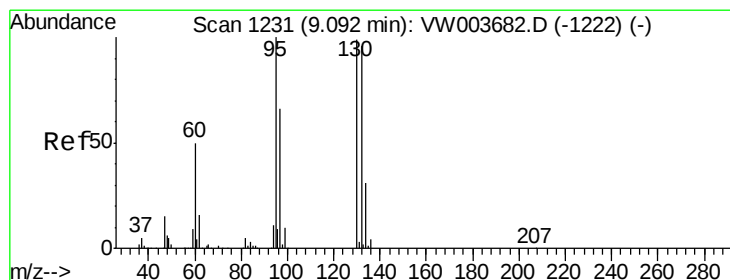
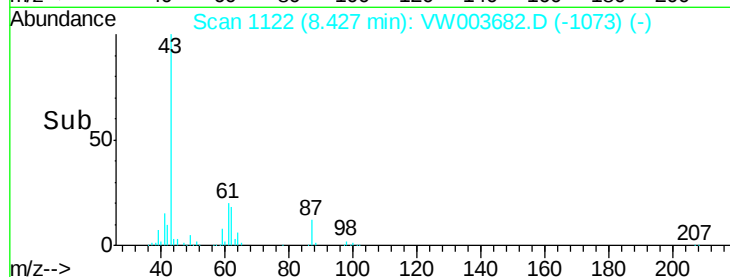
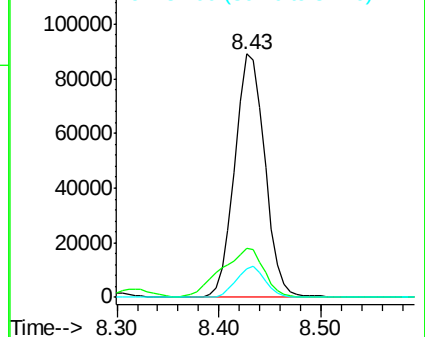
43 100

61 28.8 23.0 34.6

87 12.2 9.8 14.6



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



#44

Trichloroethene

Concen: 50.857 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003682.D

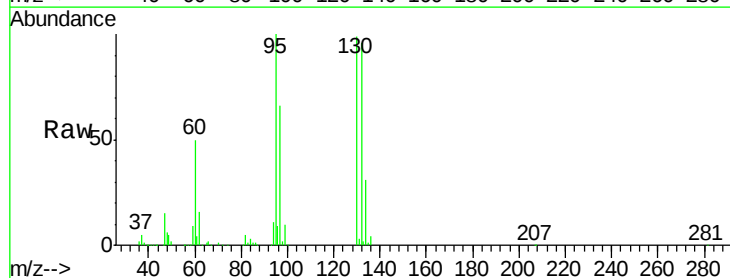
Acq: 02 Jul 2018 17:50

Tgt Ion: 130 Resp: 140498

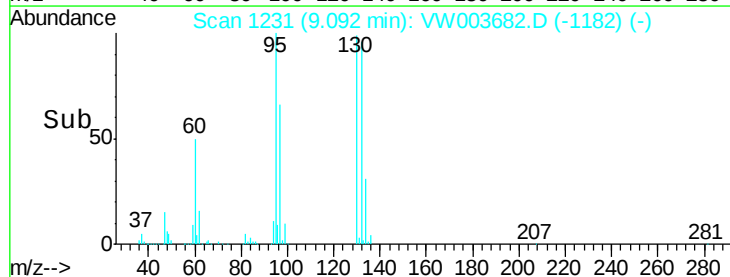
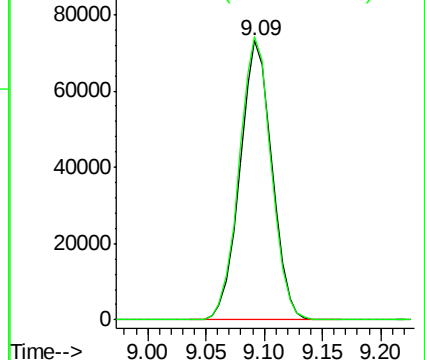
Ion Ratio Lower Upper

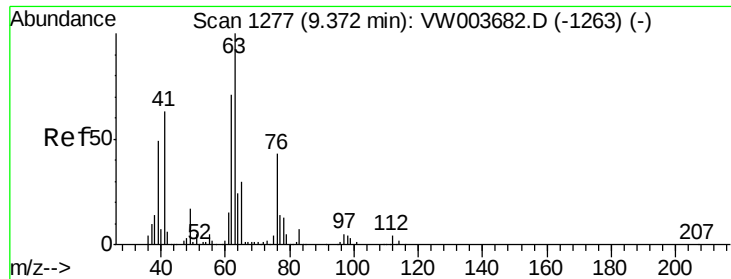
130 100

95 101.3 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

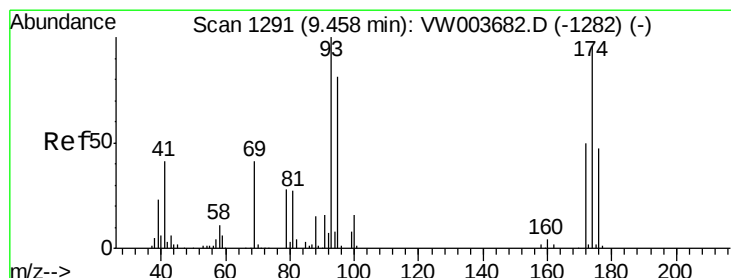
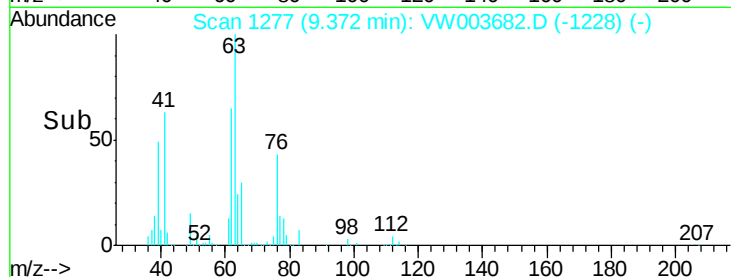
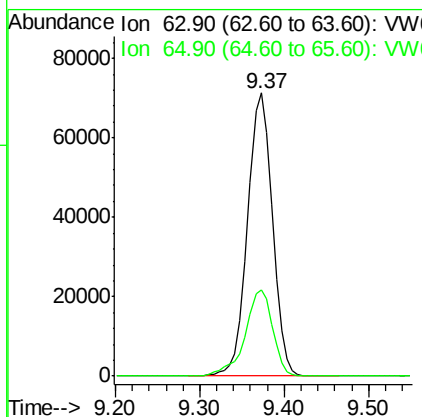
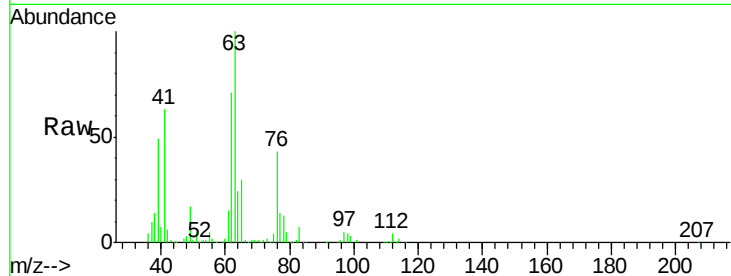




#45
 1,2-Dichloropropane
 Concen: 53.071 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

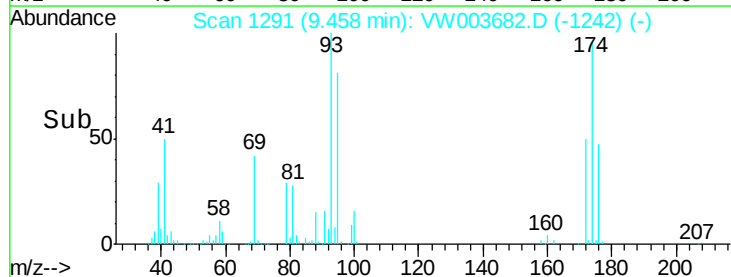
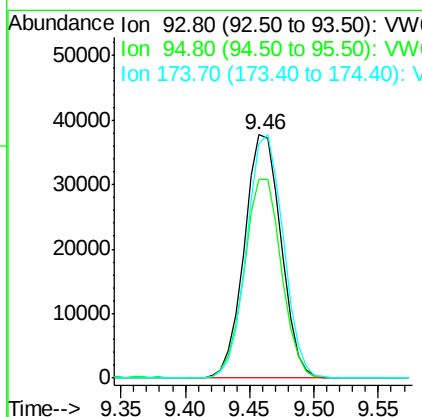
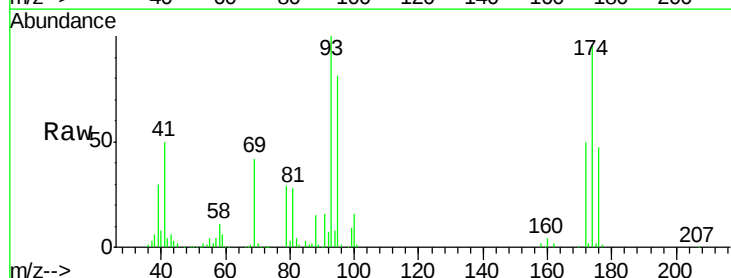
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

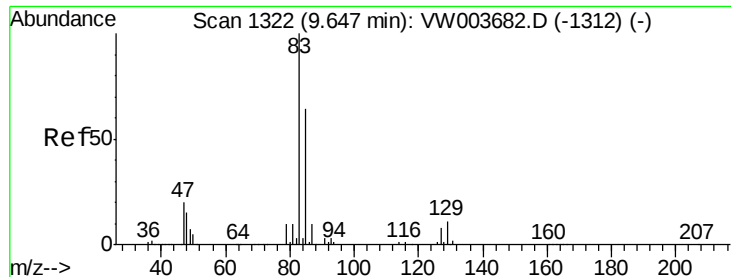
Tgt Ion: 63 Resp: 142073
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 54.011 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion: 93 Resp: 74334
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.4
 174 99.5 79.6 119.4





#47

Bromodichloromethane

Concen: 52.781 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

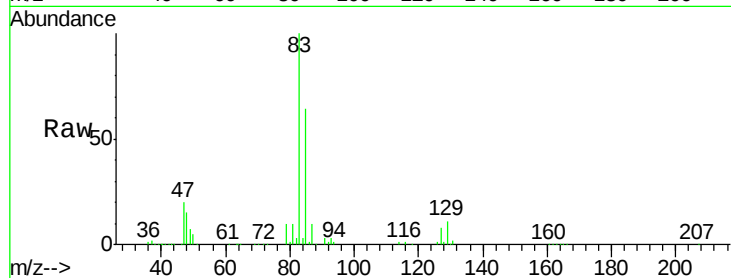
Tgt Ion: 83 Resp: 185167

Ion Ratio Lower Upper

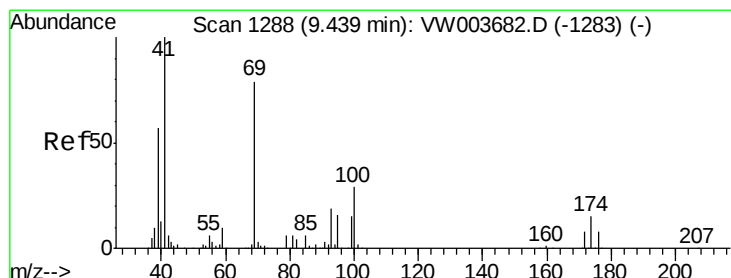
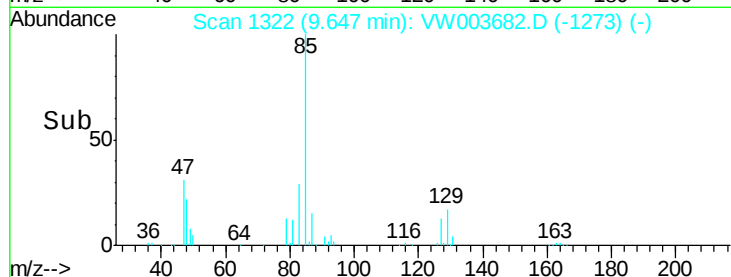
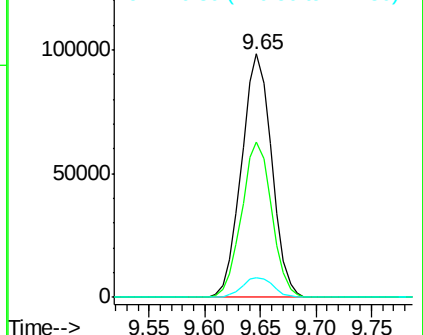
83 100

85 63.9 51.1 76.7

127 8.1 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: 59.577 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

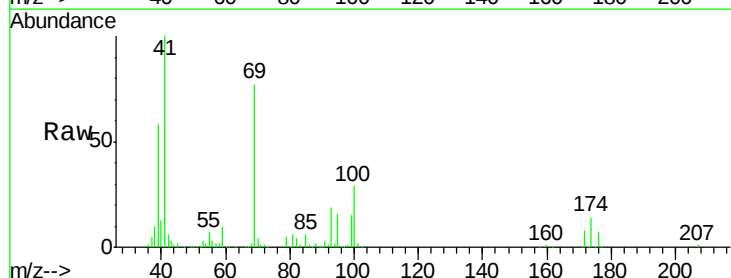
Tgt Ion: 41 Resp: 89178

Ion Ratio Lower Upper

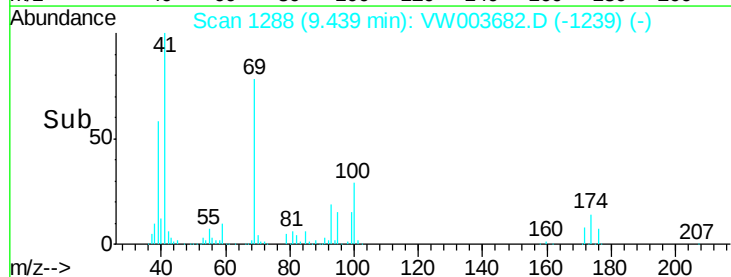
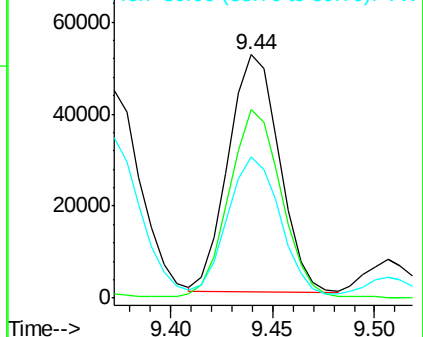
41 100

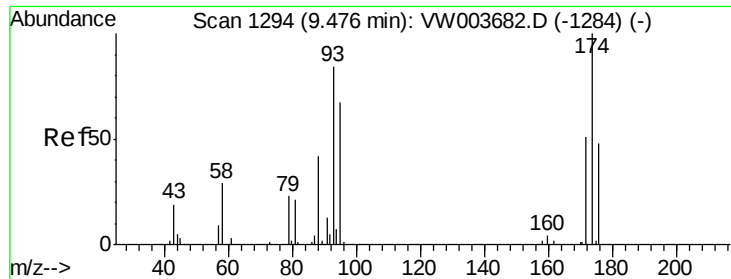
69 81.8 65.4 98.2

39 62.5 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

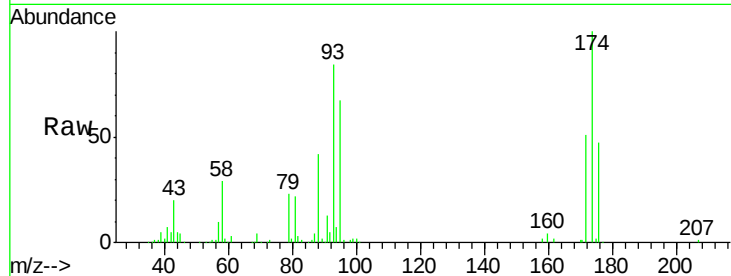




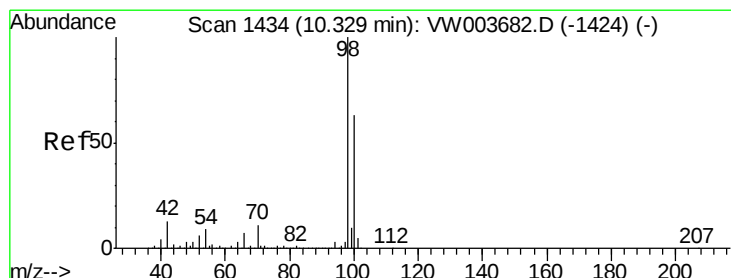
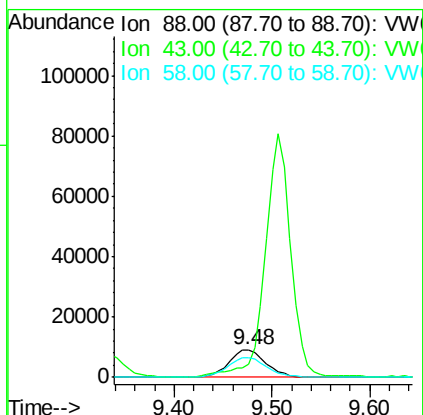
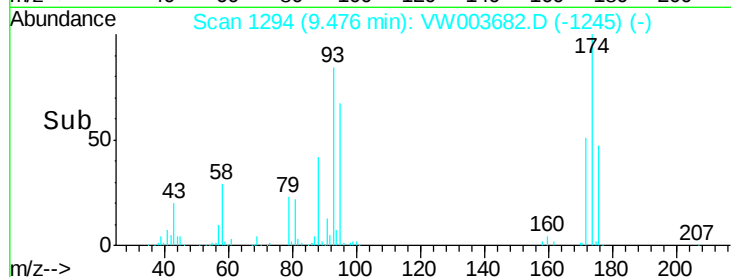
#49
1,4-Dioxane
Concen: 1151.232 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion: 88 Resp: 23972
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.2 61.8 92.6

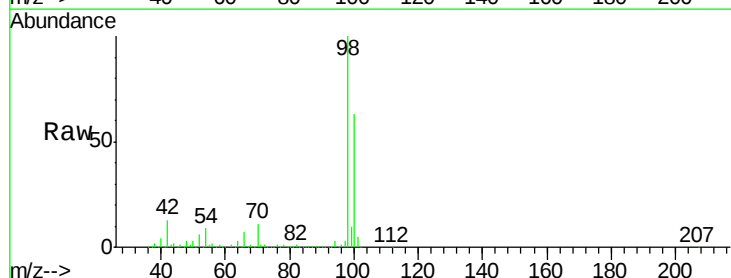


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

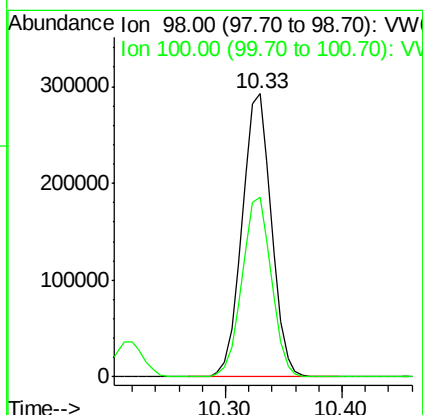
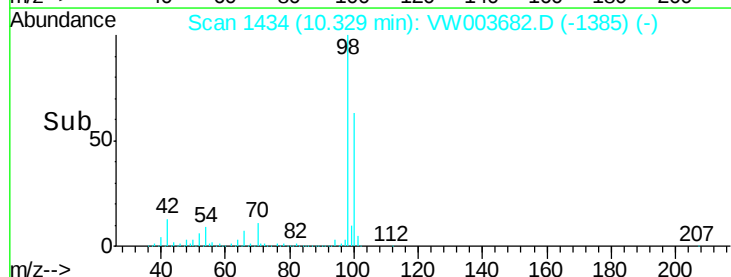


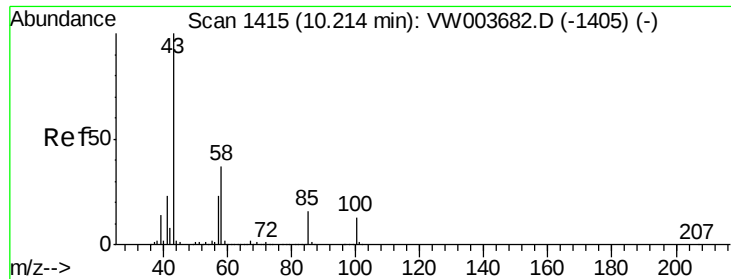
#50
Toluene-d8
Concen: 53.029 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion: 98 Resp: 513661
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2



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

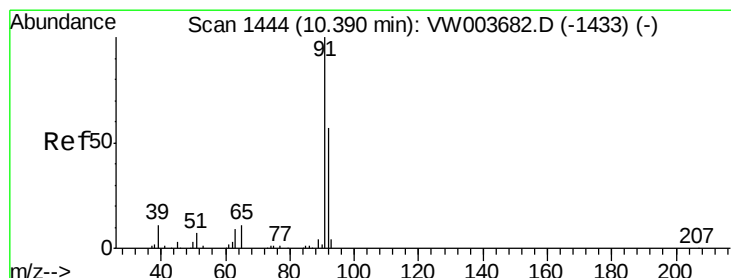
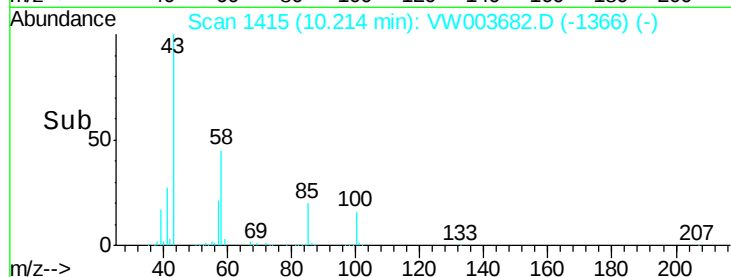
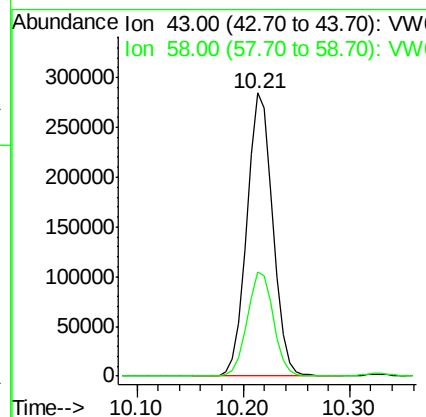
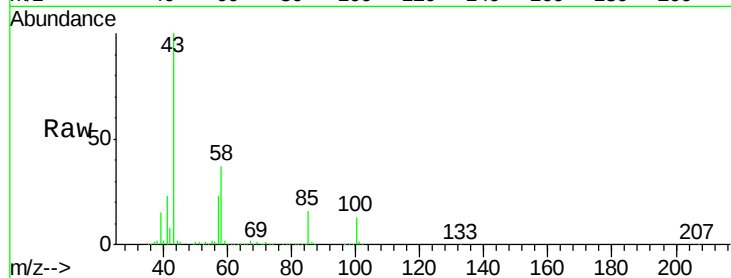




#51
 4-Methyl-2-Pentanone
 Concen: 299.172 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

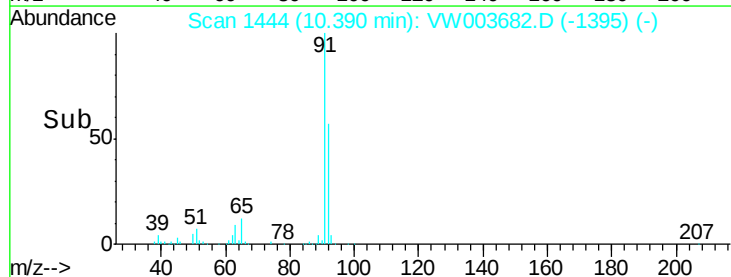
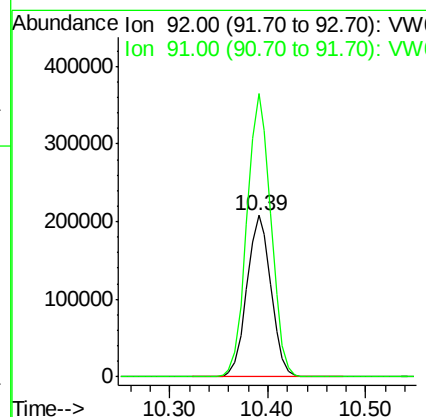
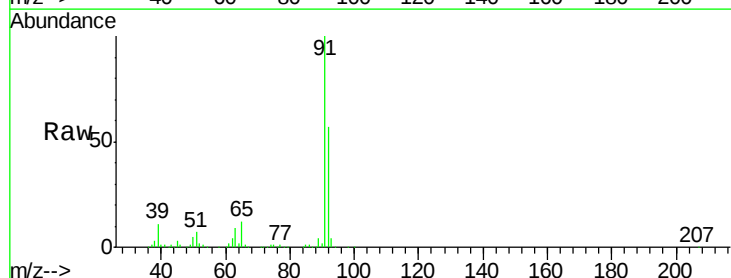
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

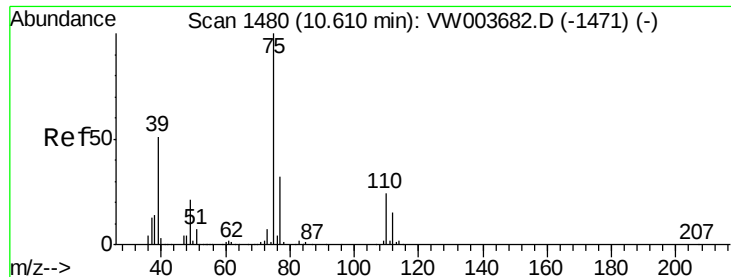
Tgt Ion: 43 Resp: 487173
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.6 44.4



#52
 Toluene
 Concen: 52.600 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion: 92 Resp: 354067
 Ion Ratio Lower Upper
 92 100
 91 175.2 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 54.706 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

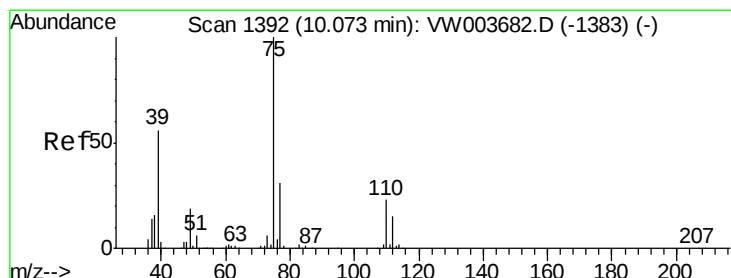
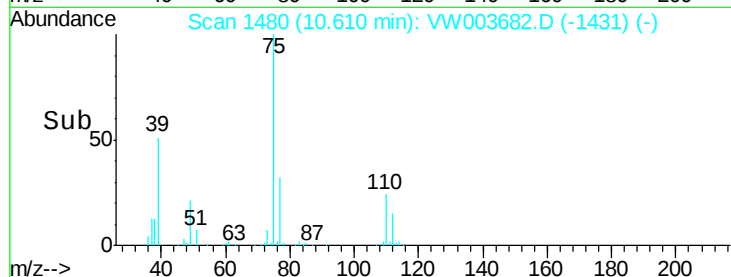
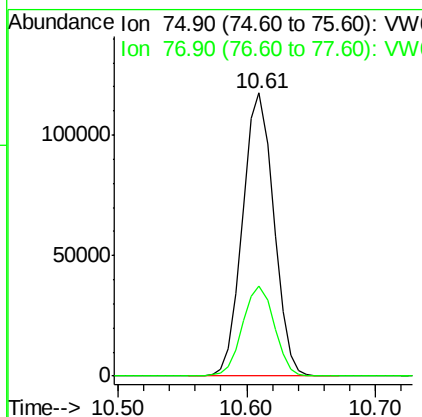
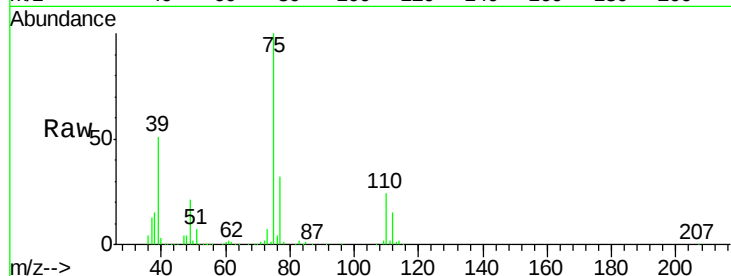
VSTDICCC050

Tgt Ion: 75 Resp: 196559

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 54.513 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

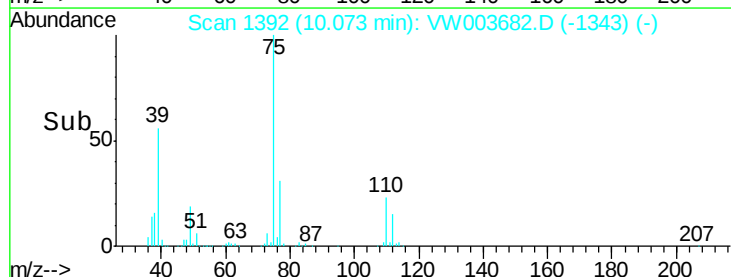
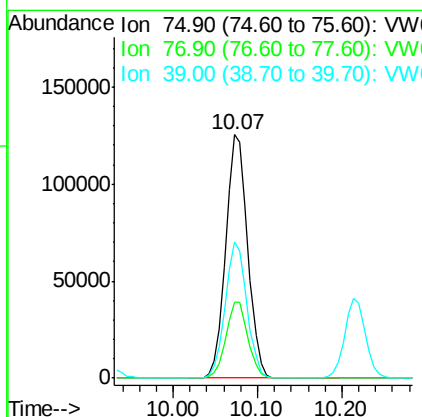
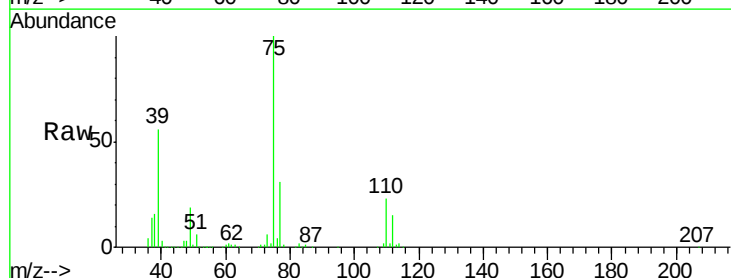
Tgt Ion: 75 Resp: 223242

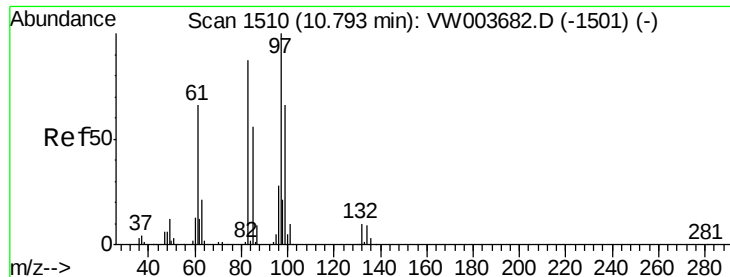
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

39 55.8 44.6 67.0

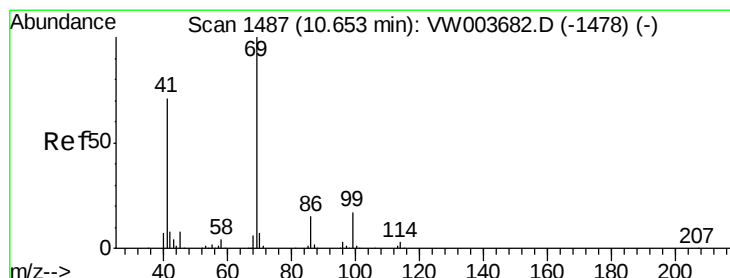
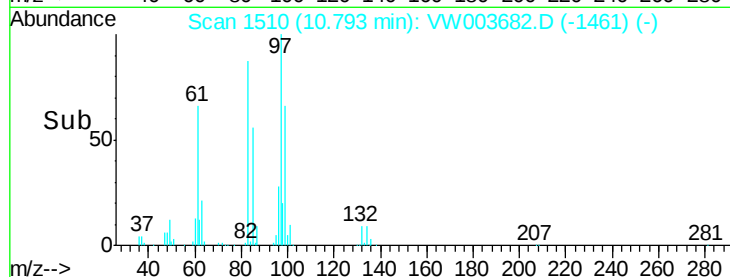
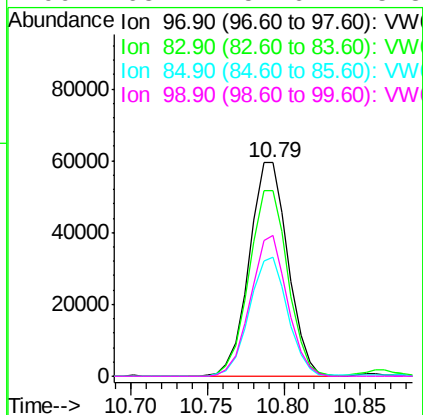
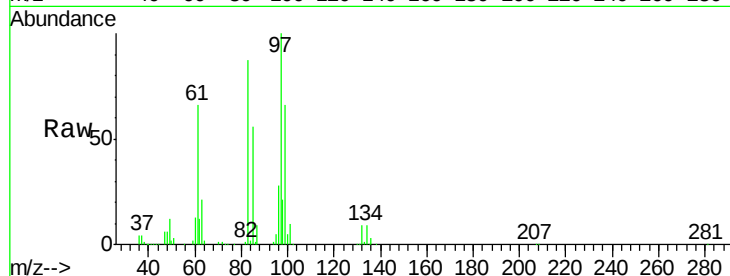




#55
 1,1,2-Trichloroethane
 Concen: 54.072 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

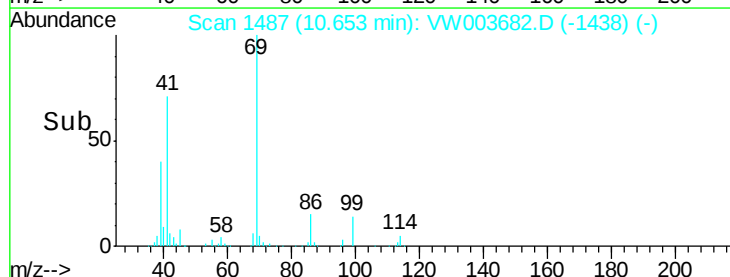
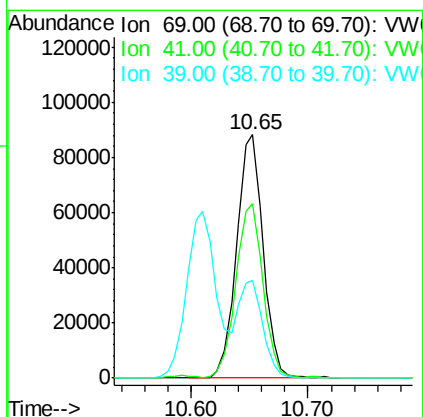
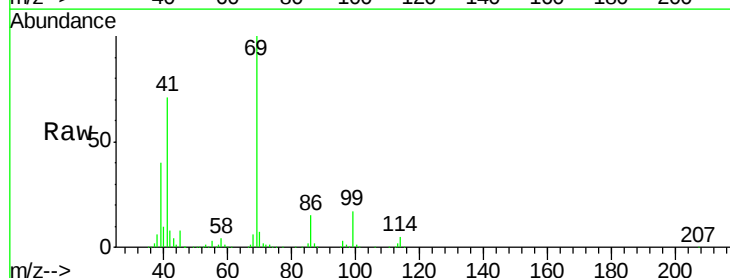
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

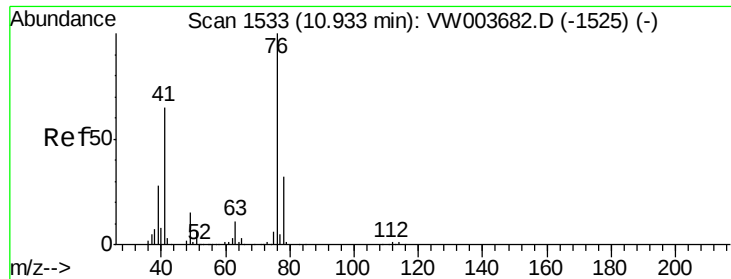
Tgt Ion:	97	Resp:	104813
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.5	104.3
85	55.9	44.7	67.1
99	65.7	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 59.023 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion:	69	Resp:	139864
Ion	Ratio	Lower	Upper
69	100		
41	71.9	57.5	86.3
39	36.7	29.4	44.0

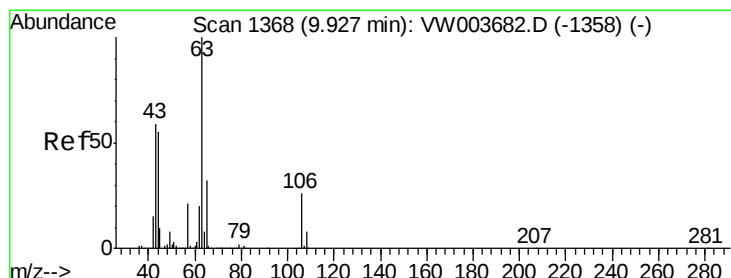
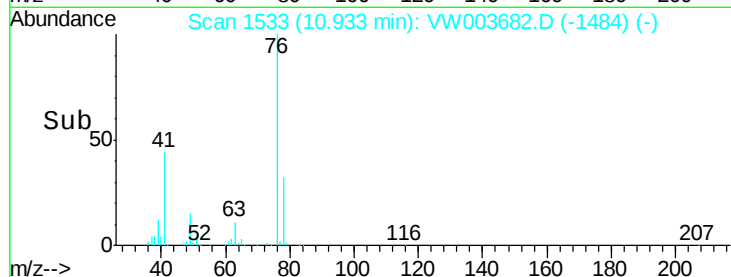
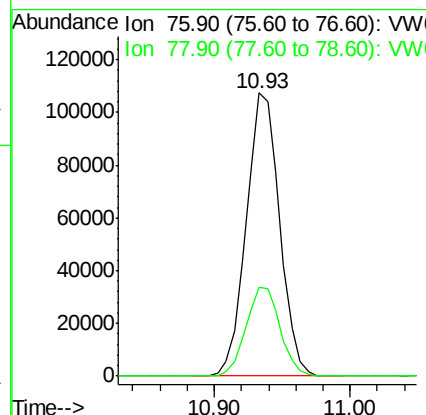
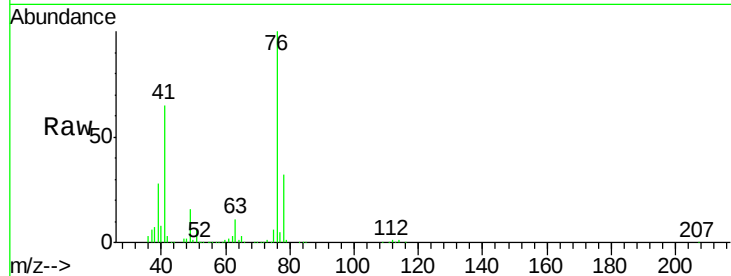




#57
 1,3-Dichloropropane
 Concen: 55.002 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

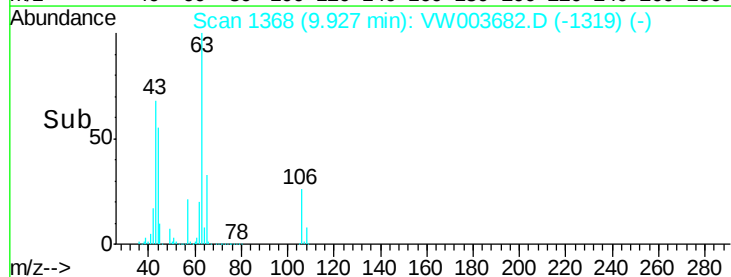
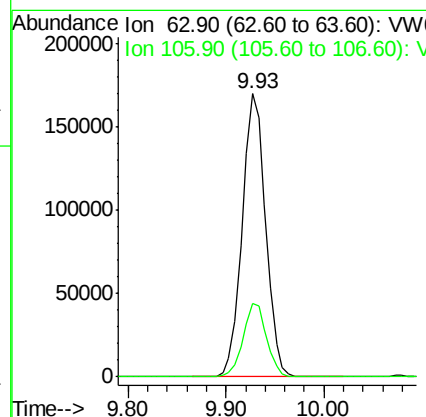
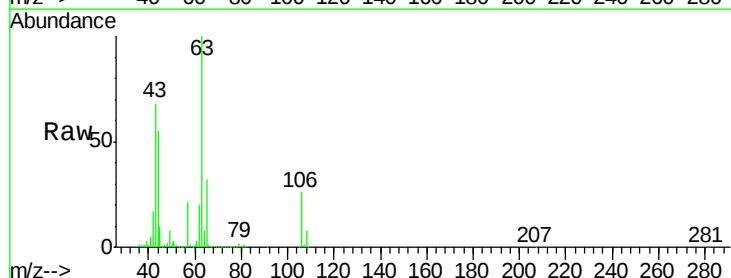
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

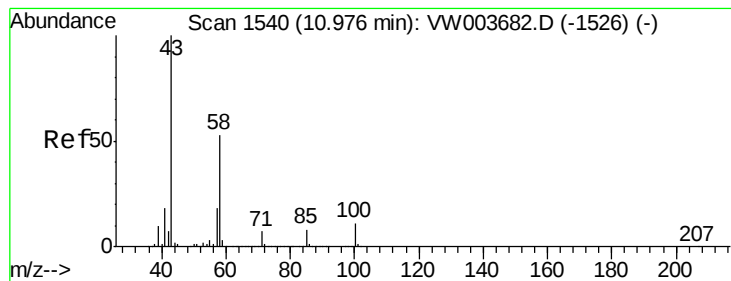
Tgt Ion: 76 Resp: 184287
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.798 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion: 63 Resp: 281865
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1





#59

2-Hexanone

Concen: 307.241 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

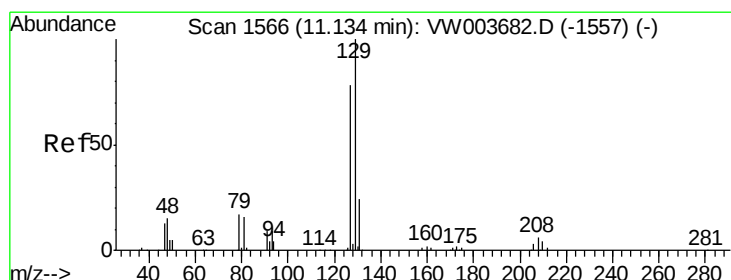
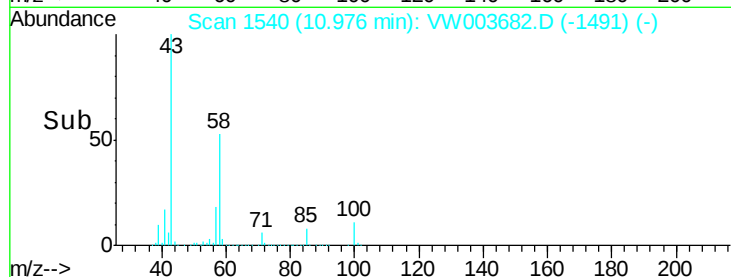
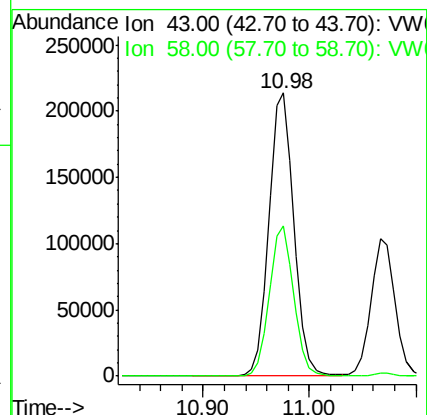
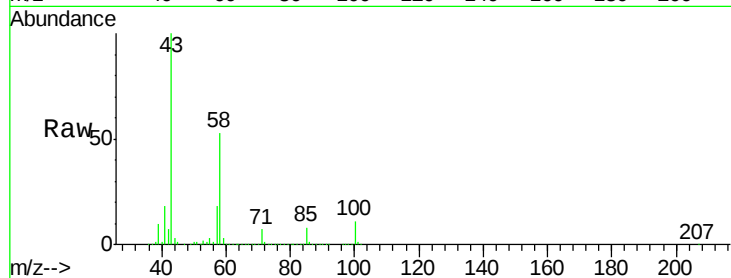
VSTDICCC050

Tgt Ion: 43 Resp: 350238

Ion Ratio Lower Upper

43 100

58 51.7 25.9 77.6



#60

Dibromochloromethane

Concen: 53.744 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW003682.D

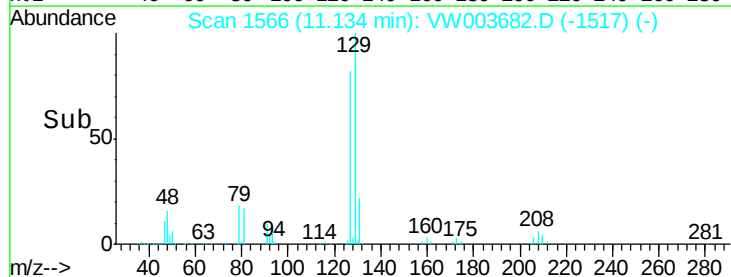
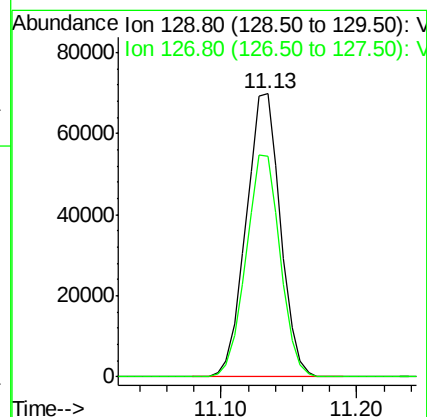
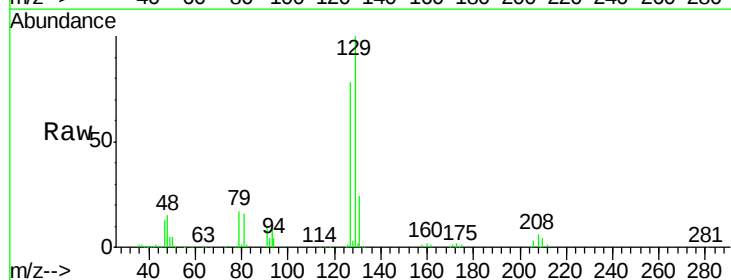
Acq: 02 Jul 2018 17:50

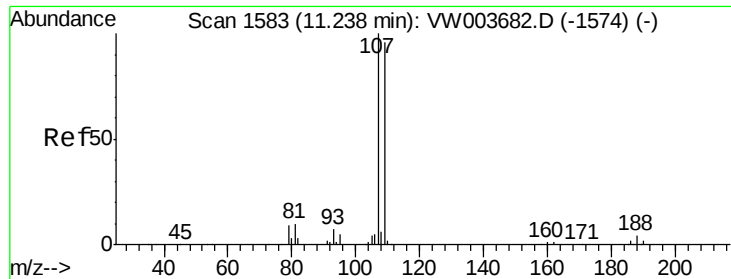
Tgt Ion: 129 Resp: 123155

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.2

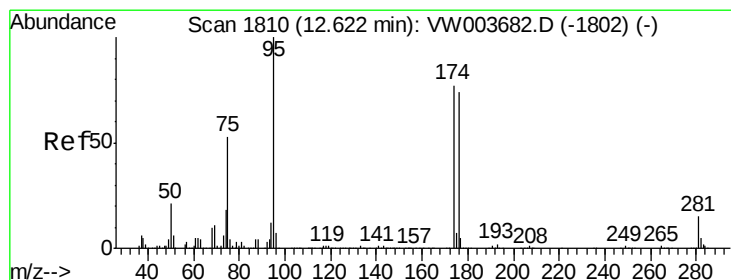
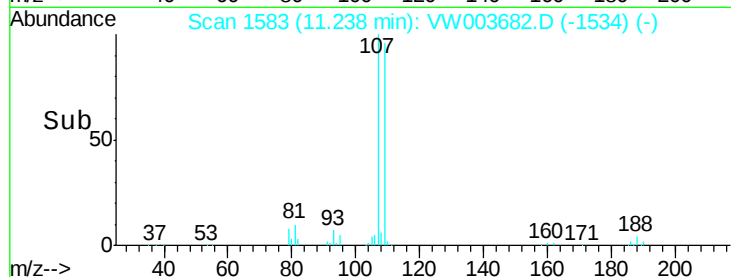
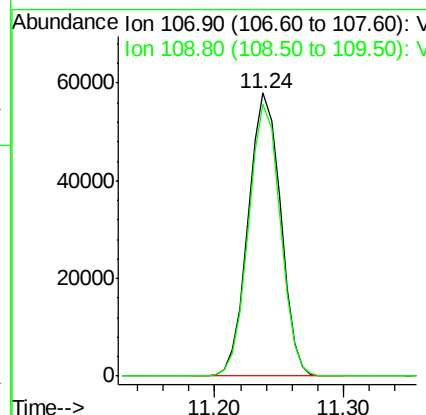
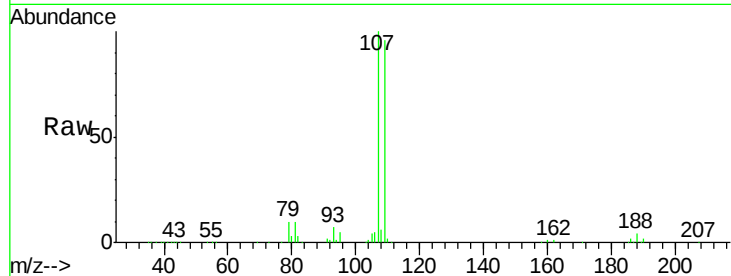




#61
 1,2-Dibromoethane
 Concen: 54.844 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

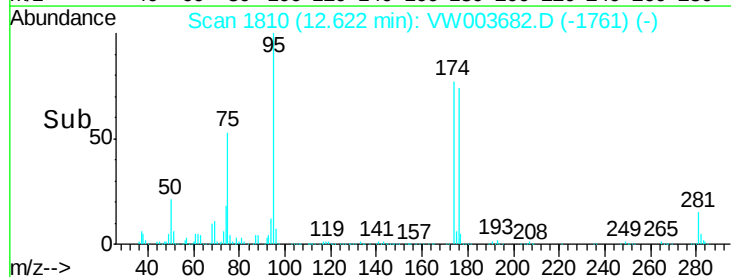
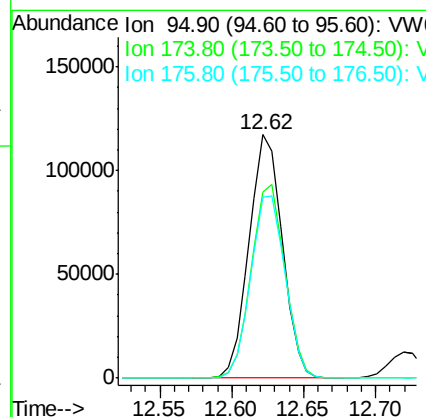
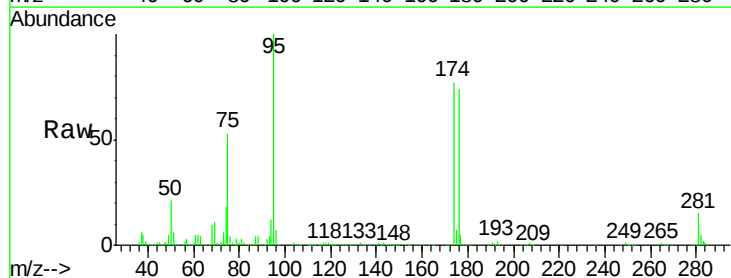
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

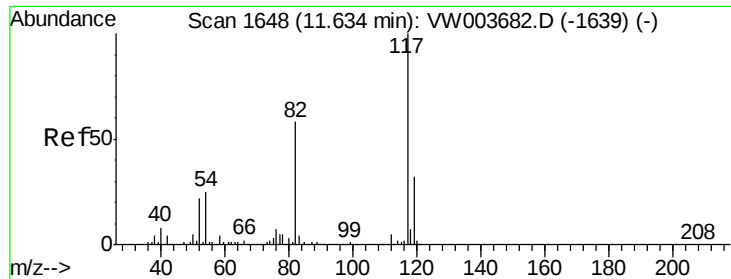
Tgt Ion: 107 Resp: 100590
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 54.353 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion: 95 Resp: 187145
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 161.2
 176 77.5 0.0 155.0

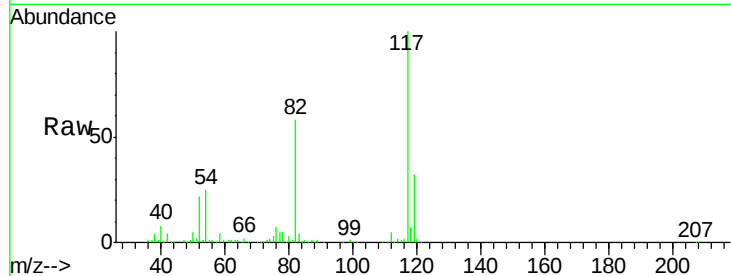




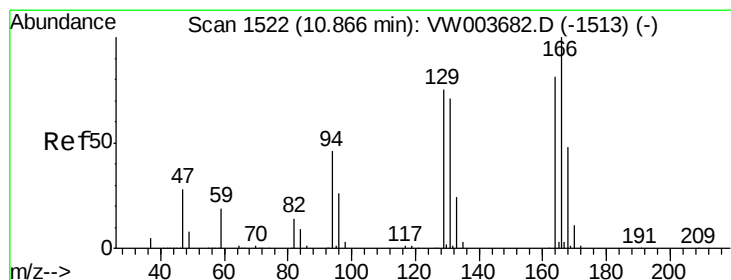
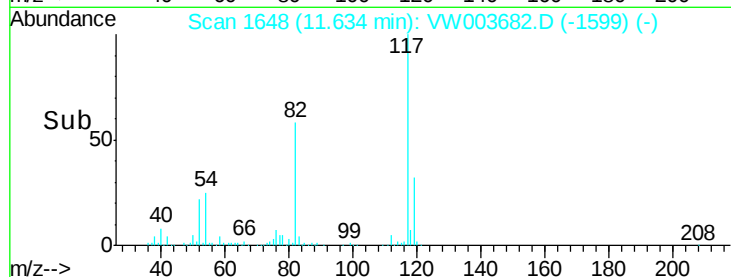
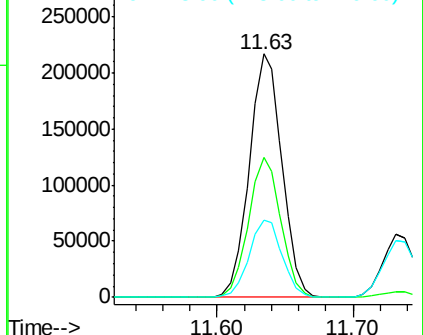
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 364533
Ion Ratio Lower Upper
117 100
82 57.5 46.0 69.0
119 31.7 25.4 38.0

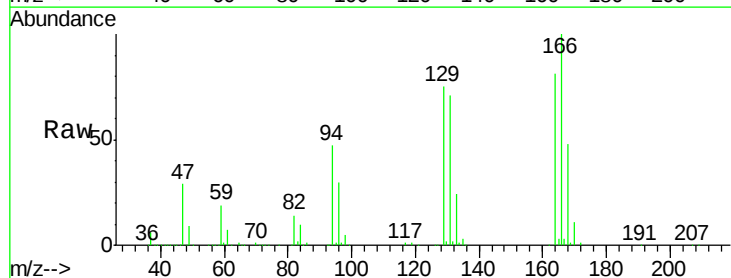


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

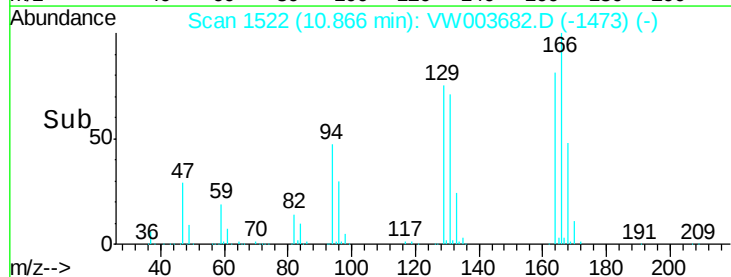
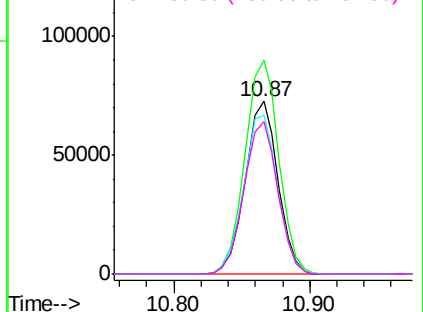


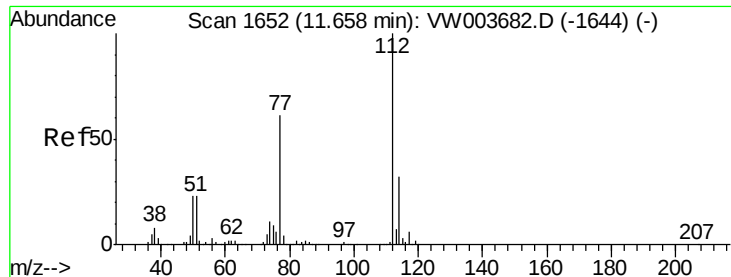
#64
Tetrachloroethene
Concen: 49.833 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion:164 Resp: 122510
Ion Ratio Lower Upper
164 100
166 123.7 99.0 148.4
129 92.2 73.8 110.6
131 88.3 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

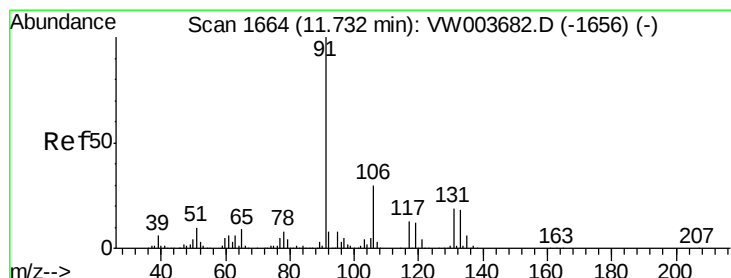
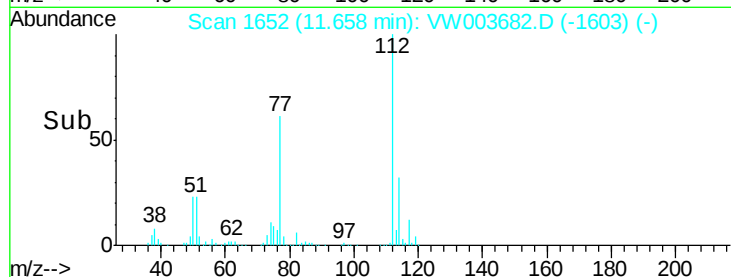
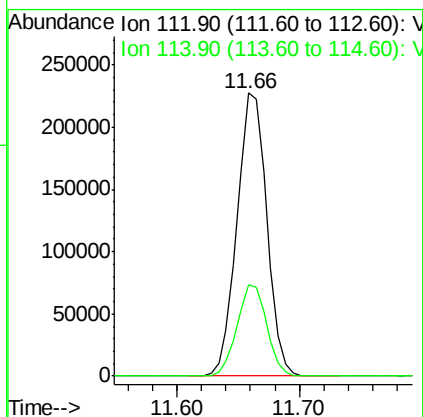
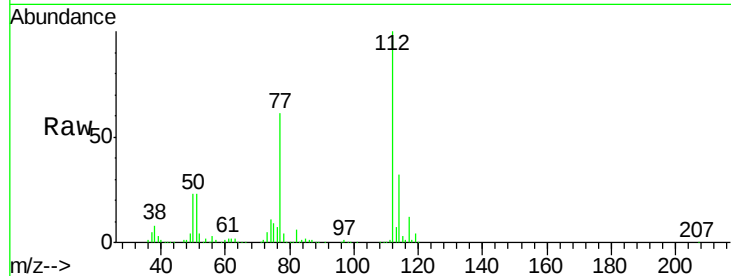




#65
Chlorobenzene
Concen: 50.126 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

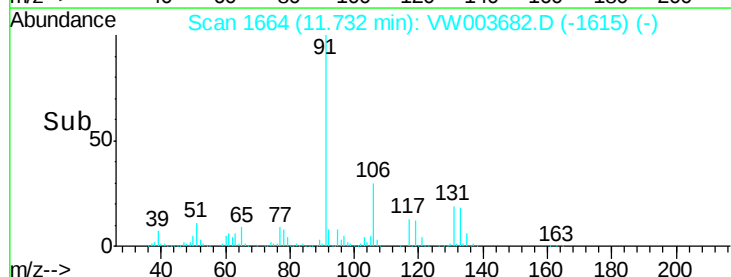
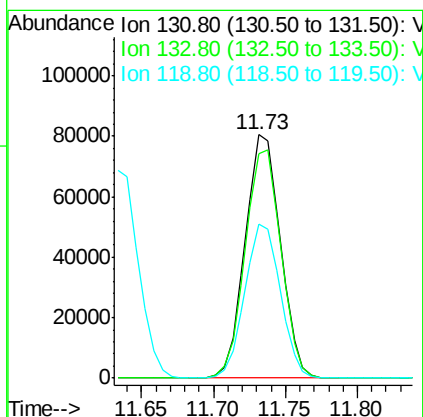
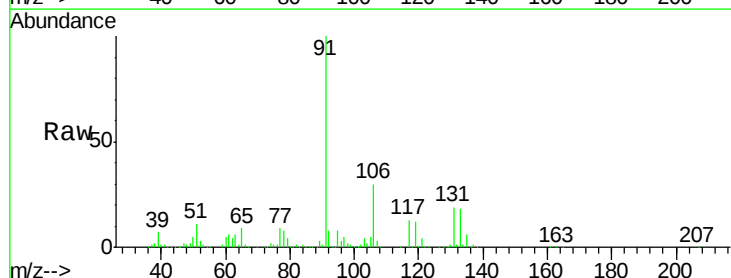
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

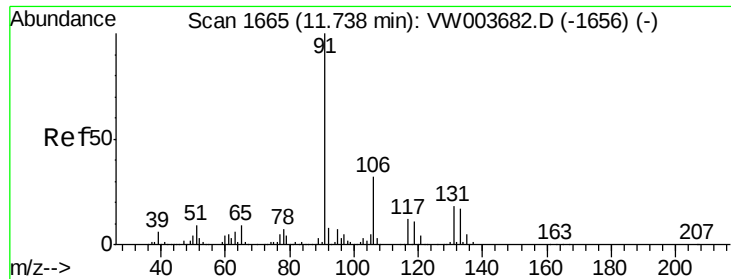
Tgt Ion:112 Resp: 383843
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.722 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion:131 Resp: 136279
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 63.9 31.9 95.9

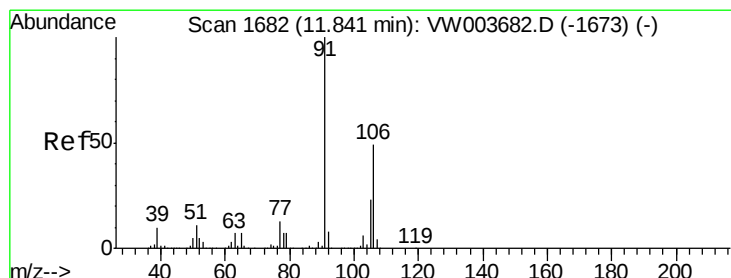
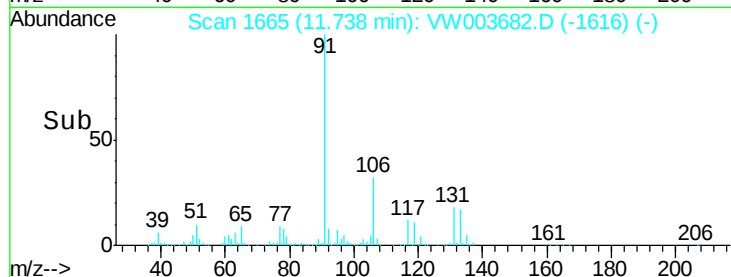
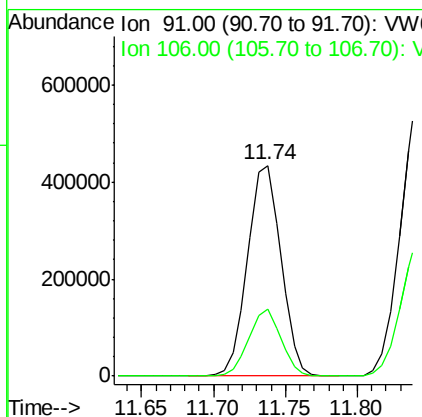
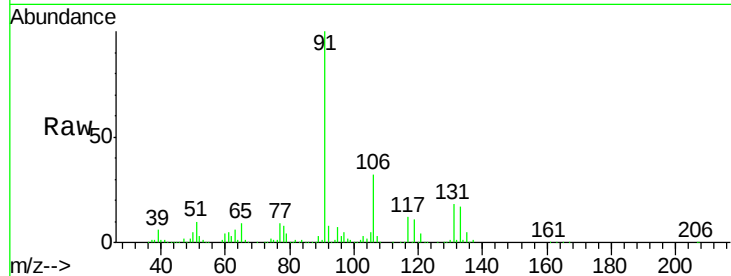




#67
Ethyl Benzene
Concen: 51.410 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

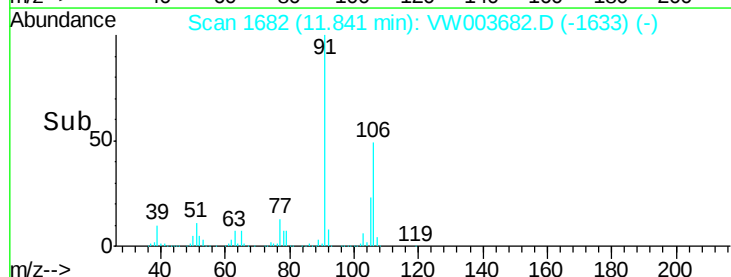
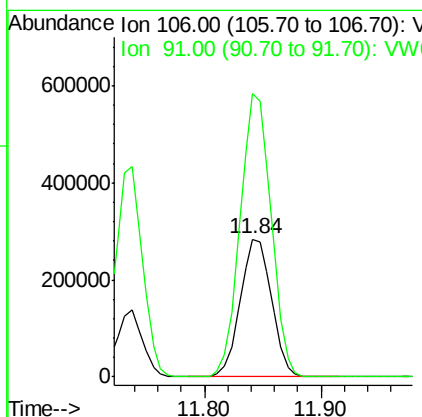
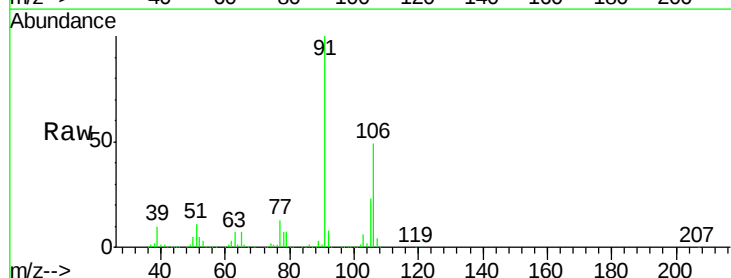
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

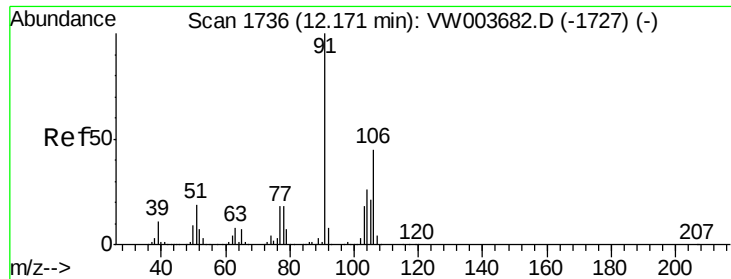
Tgt Ion: 91 Resp: 698461
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 102.951 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion: 106 Resp: 531756
Ion Ratio Lower Upper
106 100
91 204.6 163.7 245.5

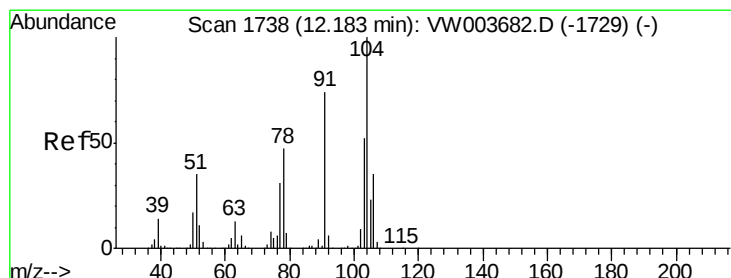
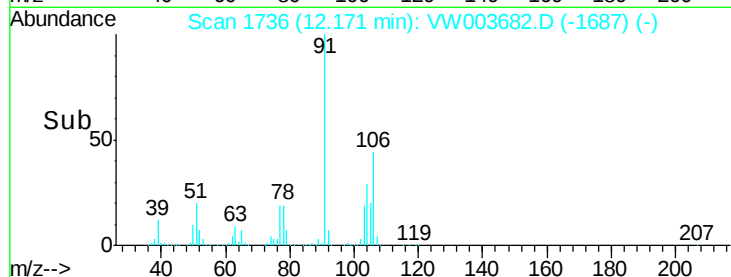
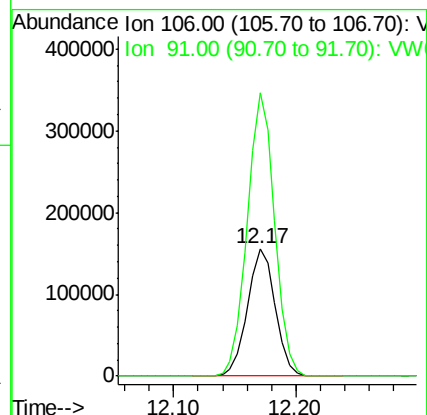
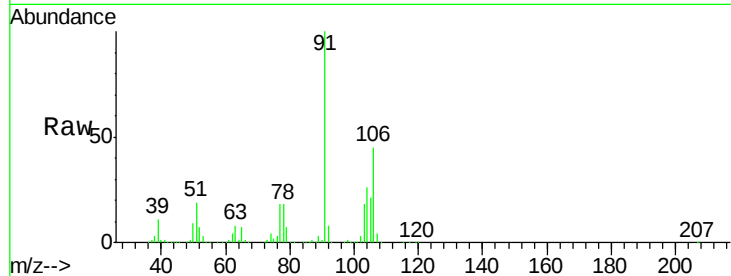




#69
o-Xylene
Concen: 51.452 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

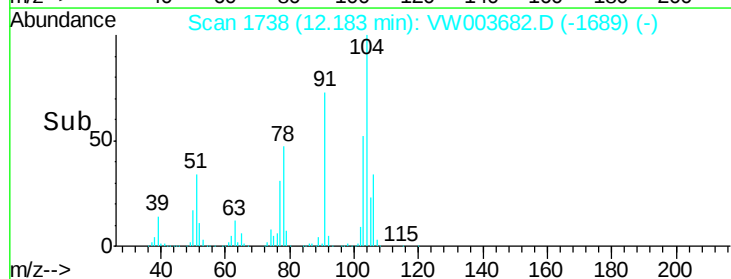
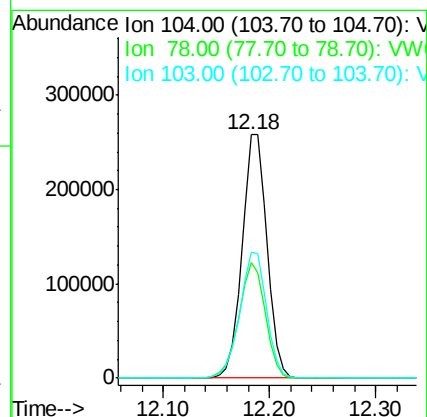
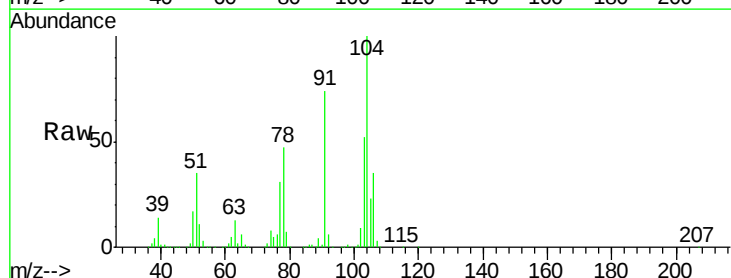
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

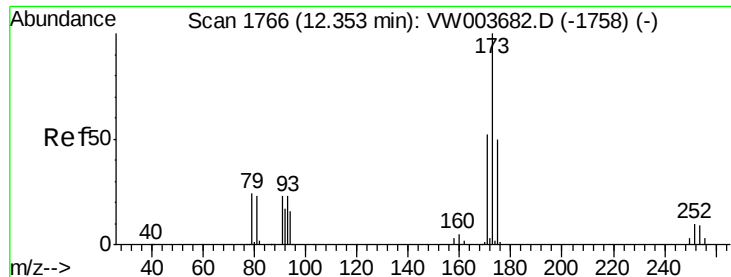
Tgt Ion:106 Resp: 245430
Ion Ratio Lower Upper
106 100
91 218.5 109.3 327.8



#70
Styrene
Concen: 53.152 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion:104 Resp: 424112
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.4
103 55.5 44.4 66.6





#71

Bromoform

Concen: 53.974 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

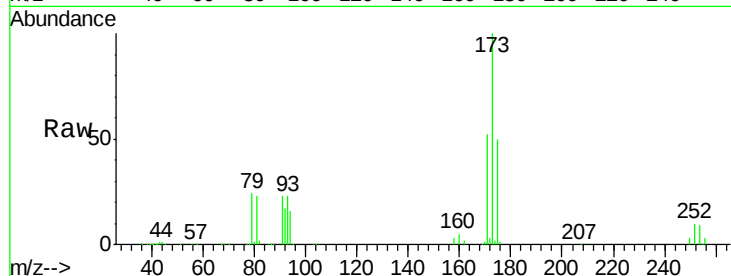
Tgt Ion:173 Resp: 75700

Ion Ratio Lower Upper

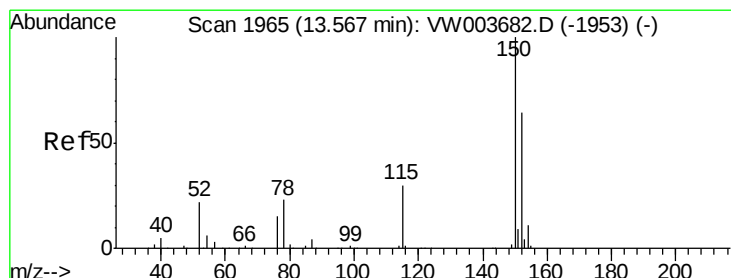
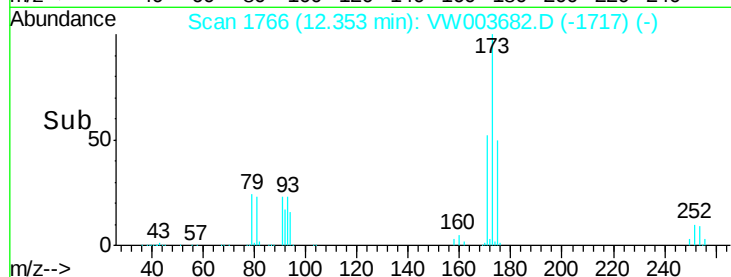
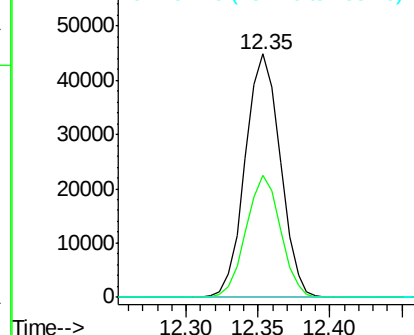
173 100

175 49.0 24.5 73.5

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

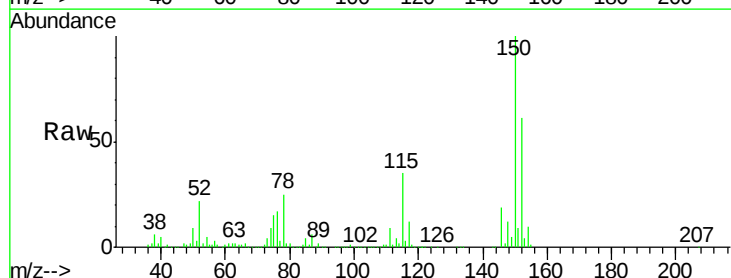
Tgt Ion:152 Resp: 194635

Ion Ratio Lower Upper

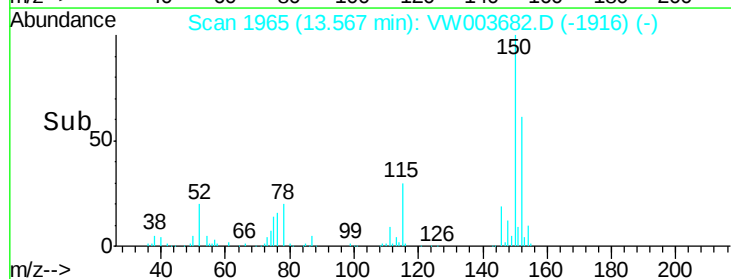
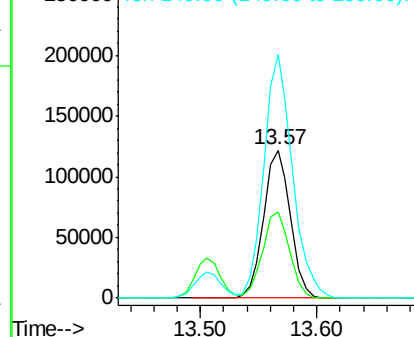
152 100

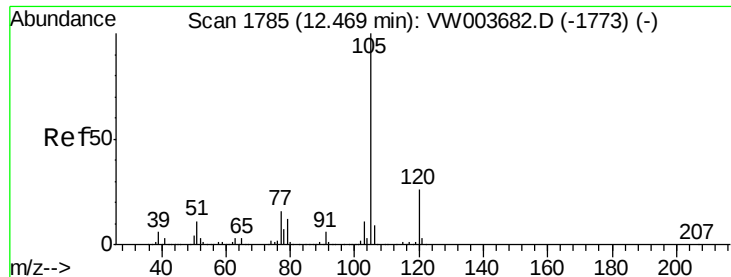
115 58.7 29.3 88.0

150 176.0 0.0 352.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.315 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

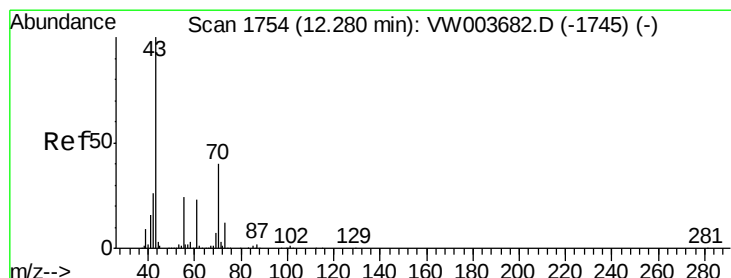
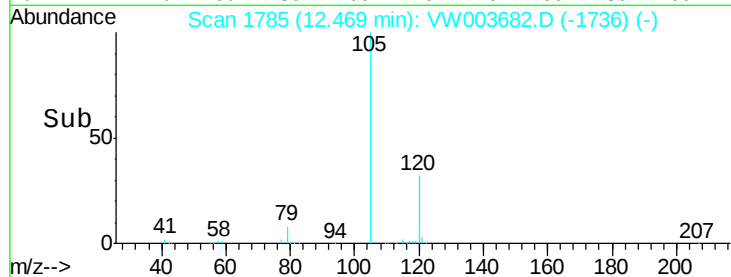
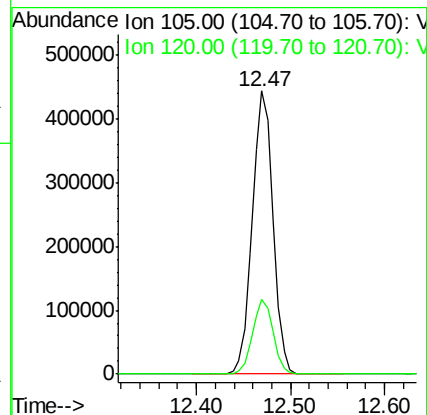
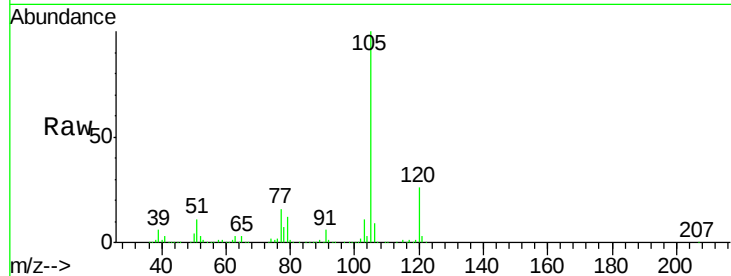
VSTDICCC050

Tgt Ion: 105 Resp: 683876

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 57.034 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Tgt Ion: 43 Resp: 180588

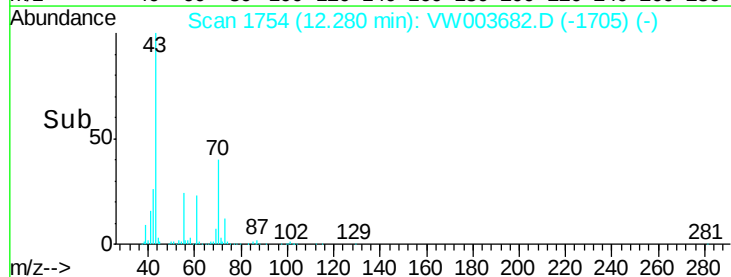
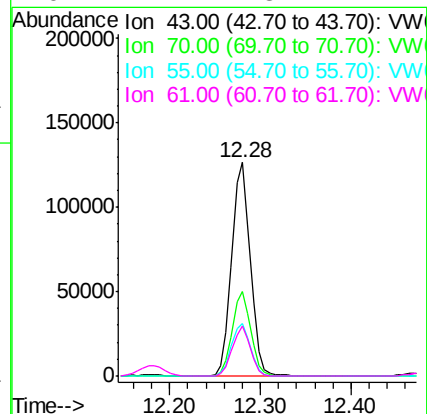
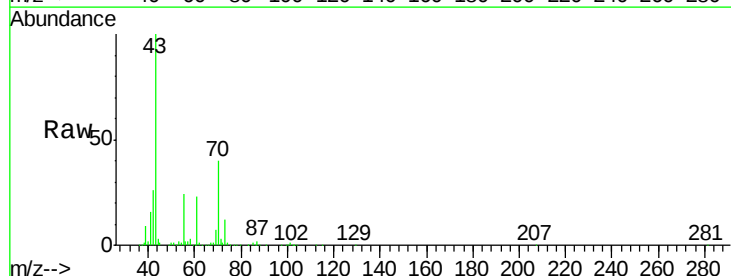
Ion Ratio Lower Upper

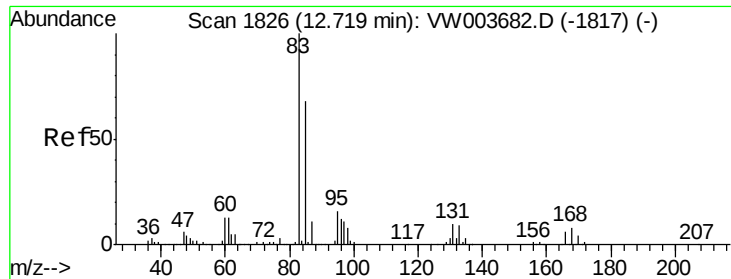
43 100

70 39.1 31.3 46.9

55 25.1 20.1 30.1

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.563 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

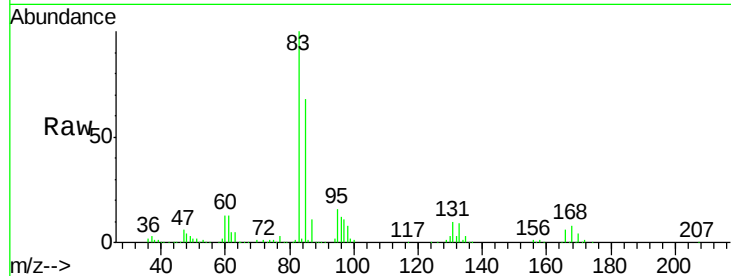
Tgt Ion: 83 Resp: 128037

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

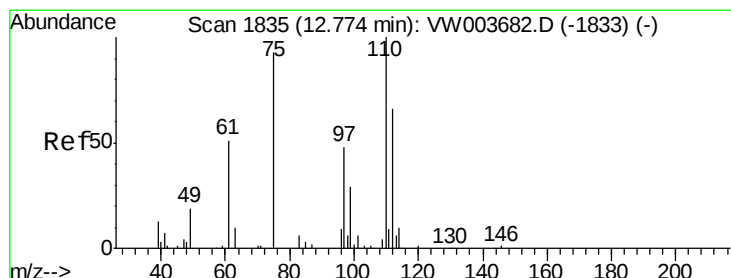
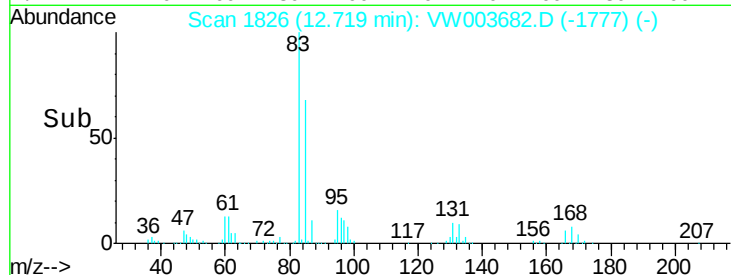
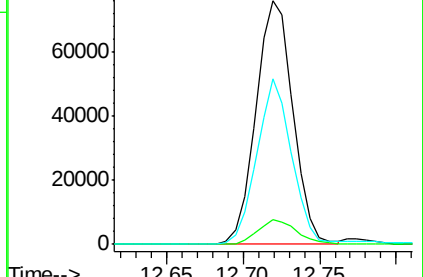
85 63.9 31.9 95.9



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: 102.641 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003682.D

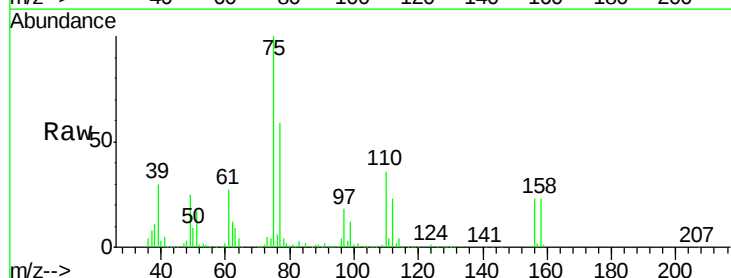
Acq: 02 Jul 2018 17:50

Tgt Ion: 75 Resp: 173036

Ion Ratio Lower Upper

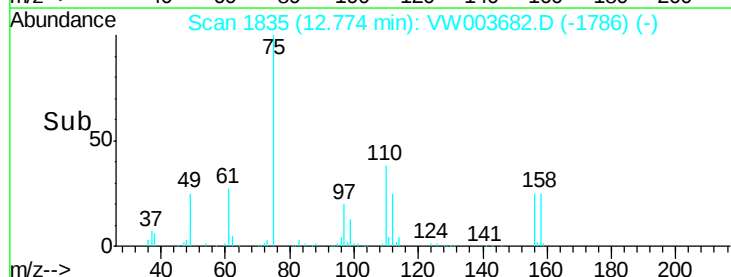
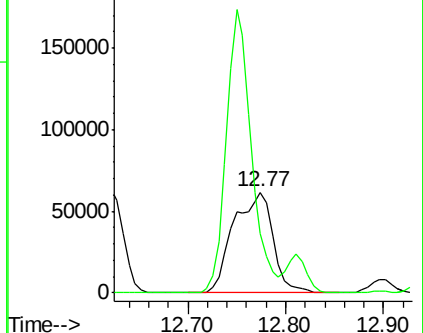
75 100

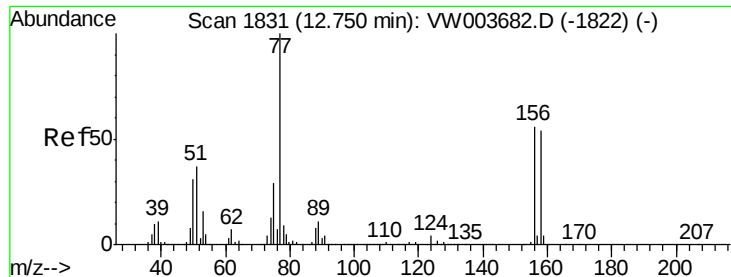
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.765 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

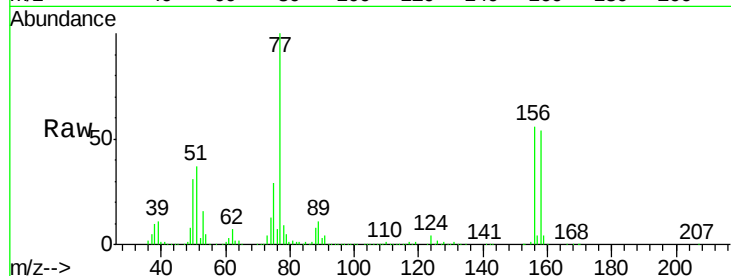
Tgt Ion:156 Resp: 161393

Ion Ratio Lower Upper

156 100

77 191.6 95.8 287.4

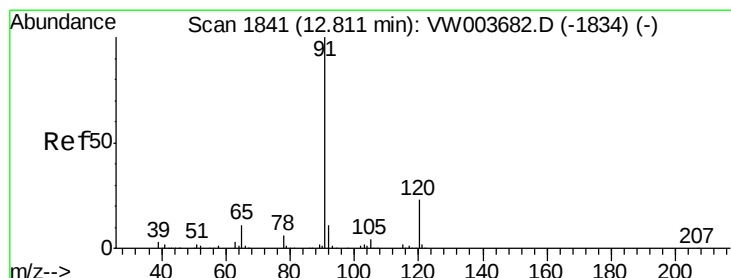
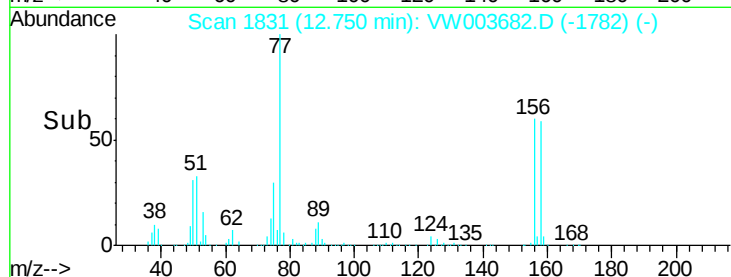
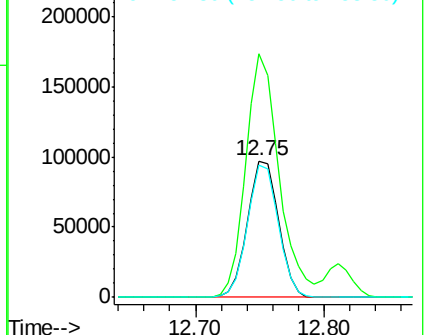
158 96.4 48.2 144.6



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: 51.045 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003682.D

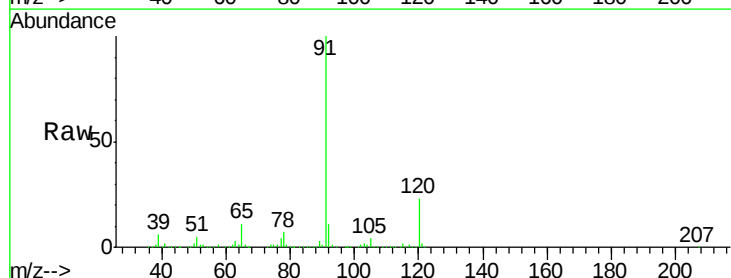
Acq: 02 Jul 2018 17:50

Tgt Ion: 91 Resp: 851977

Ion Ratio Lower Upper

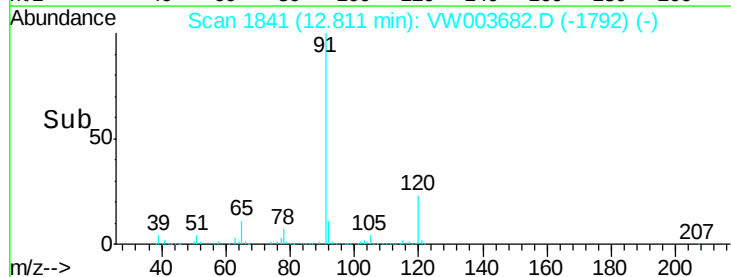
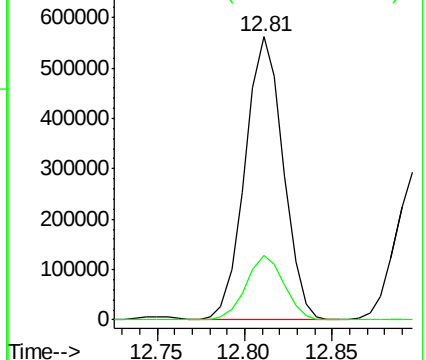
91 100

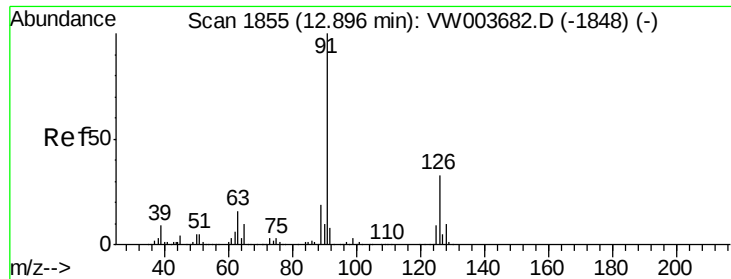
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.812 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

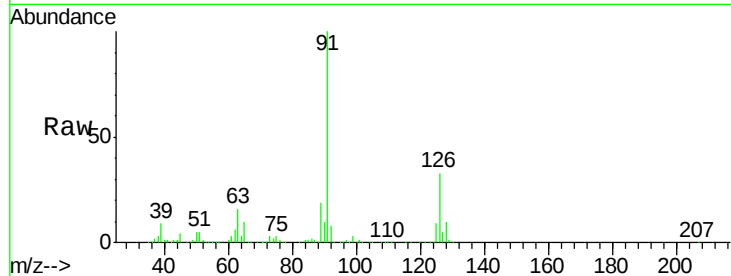
VSTDICCC050

Tgt Ion: 91 Resp: 479284

Ion Ratio Lower Upper

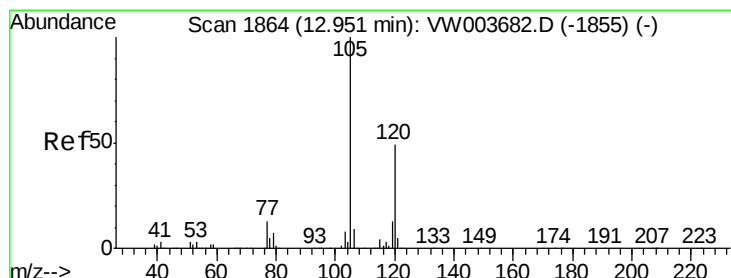
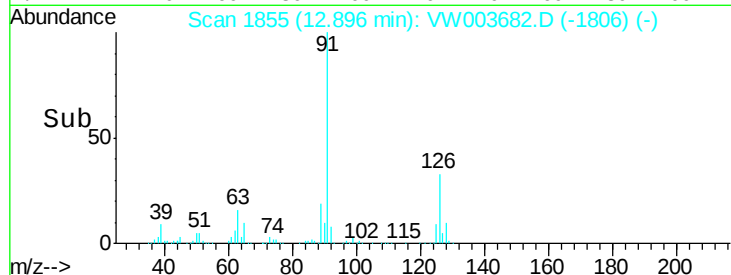
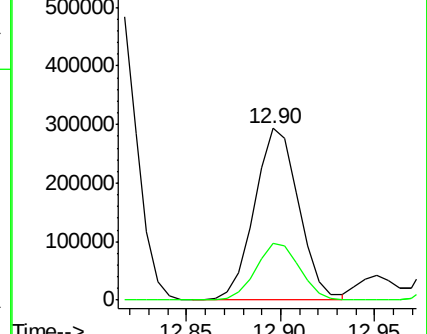
91 100

126 32.9 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: 50.801 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003682.D

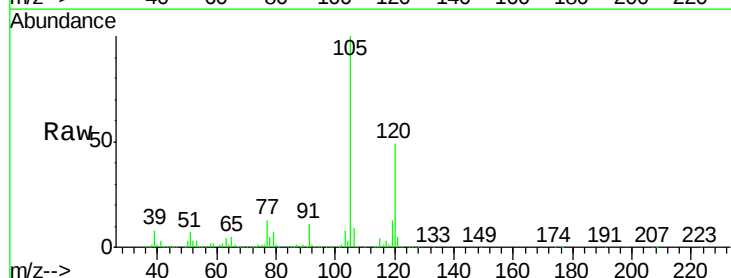
Acq: 02 Jul 2018 17:50

Tgt Ion: 105 Resp: 580119

Ion Ratio Lower Upper

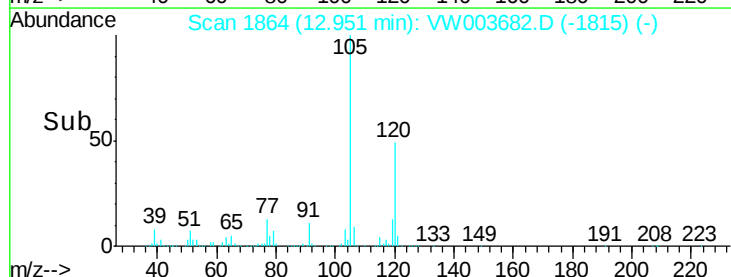
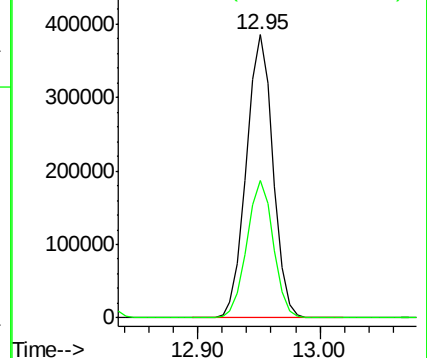
105 100

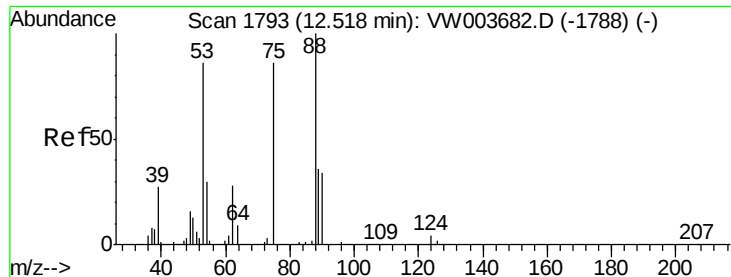
120 48.5 24.3 72.8



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: 56.777 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

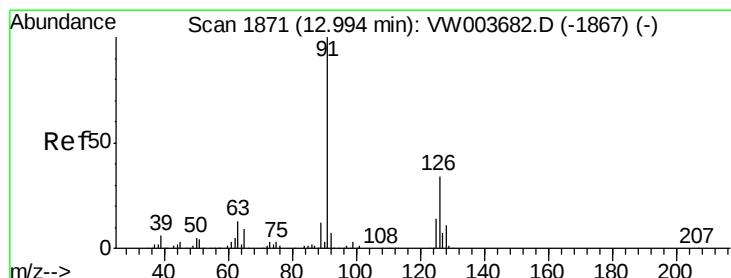
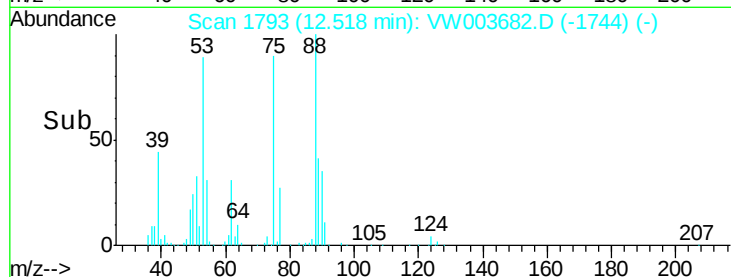
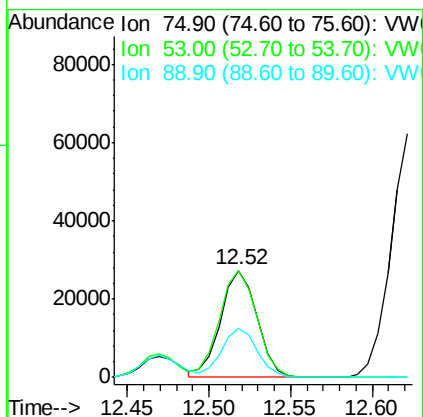
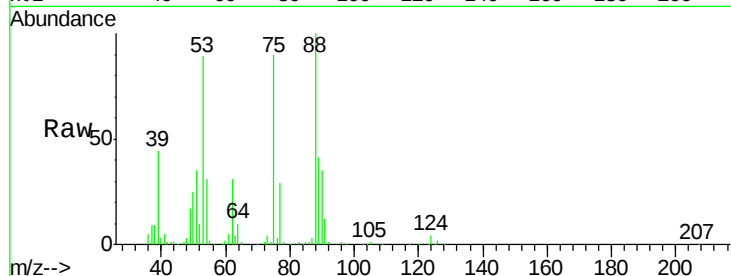
Tgt Ion: 75 Resp: 42132

Ion Ratio Lower Upper

75 100

53 103.0 82.4 123.6

89 44.9 35.9 53.9



#82

4-Chlorotoluene

Concen: 50.314 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003682.D

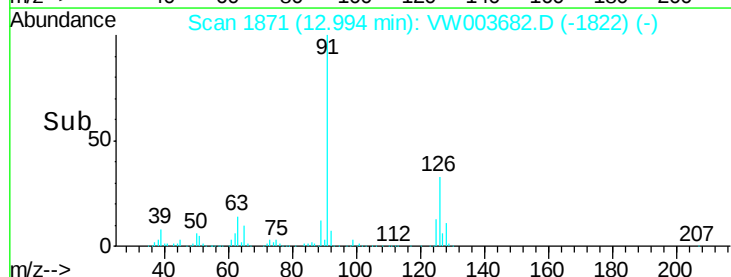
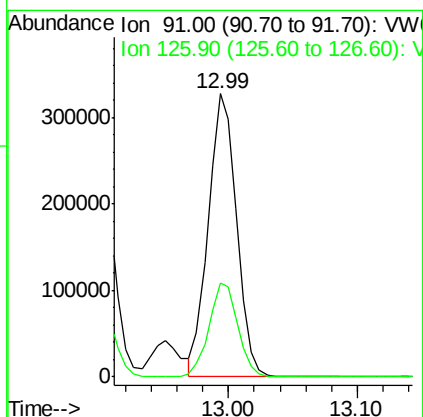
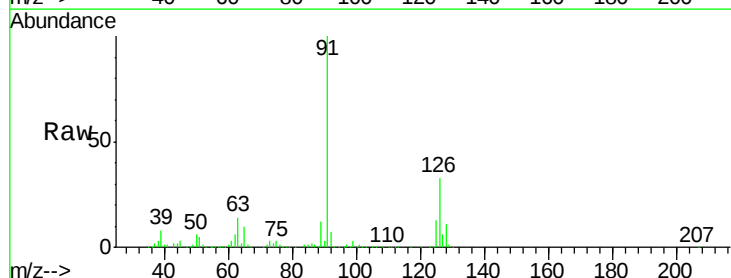
Acq: 02 Jul 2018 17:50

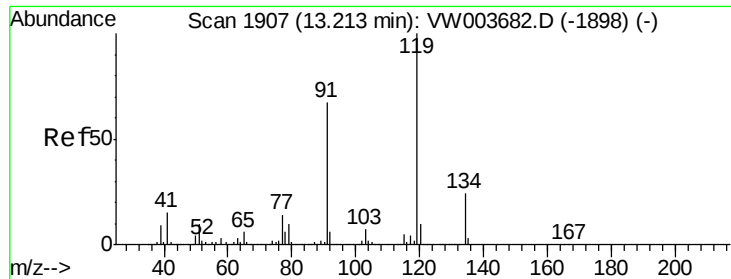
Tgt Ion: 91 Resp: 503196

Ion Ratio Lower Upper

91 100

126 33.9 17.0 50.9

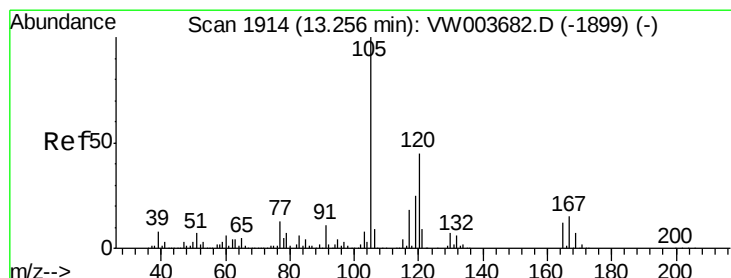
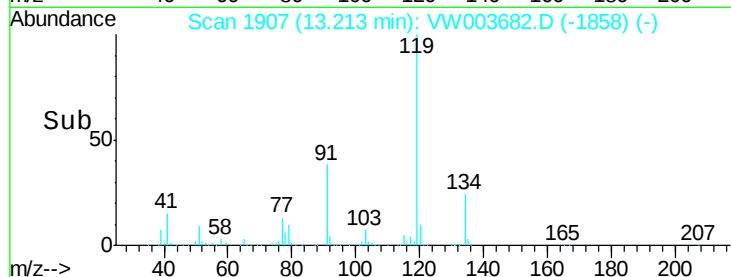
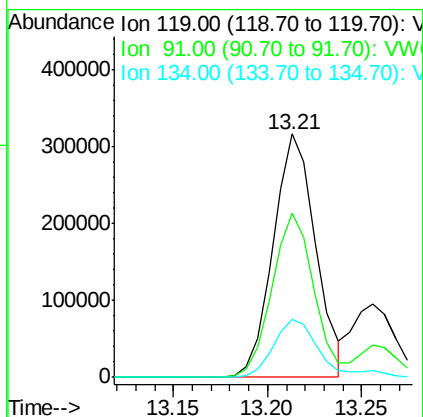
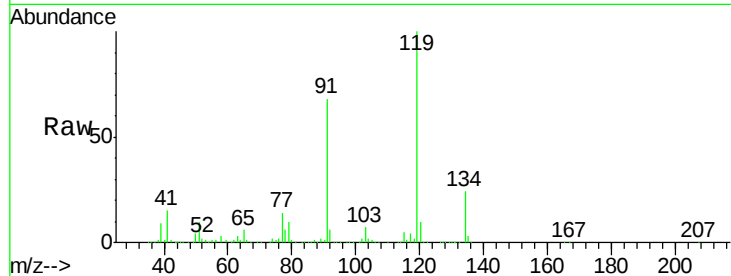




#83
tert-Butylbenzene
Concen: 50.690 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

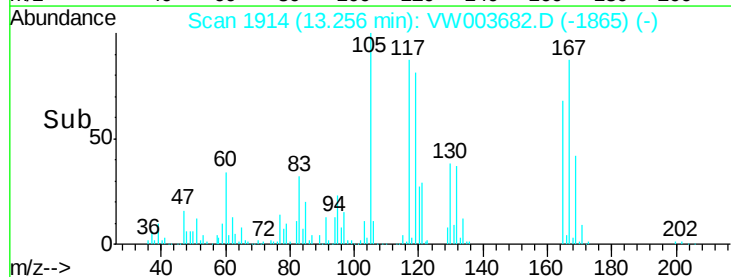
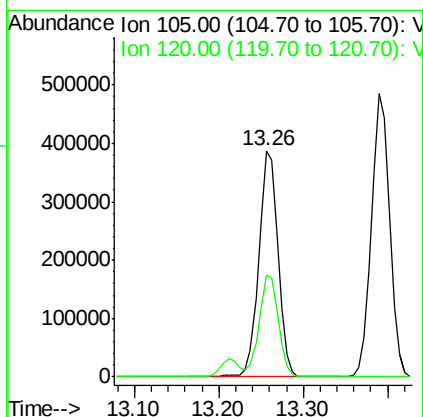
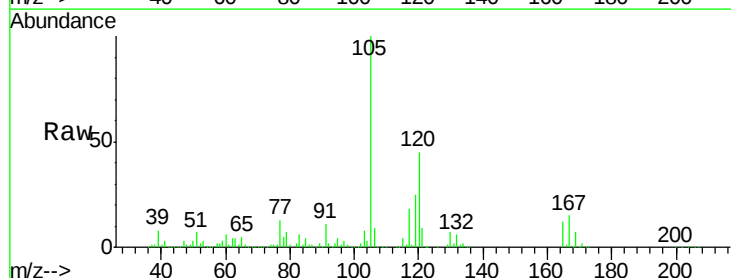
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

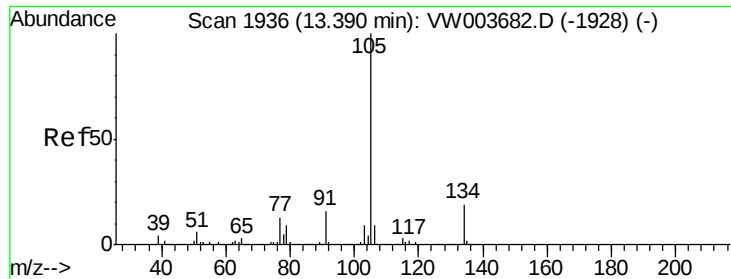
Tgt Ion:119 Resp: 492788
Ion Ratio Lower Upper
119 100
91 67.5 33.8 101.3
134 26.1 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 51.360 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion:105 Resp: 604674
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

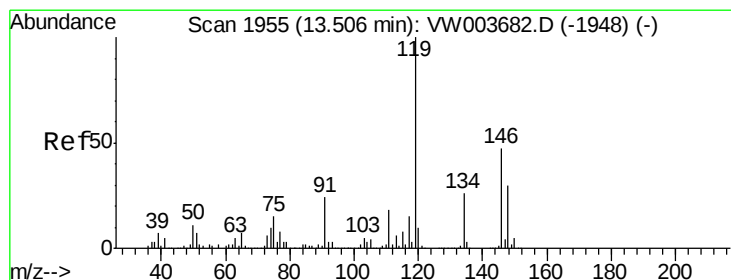
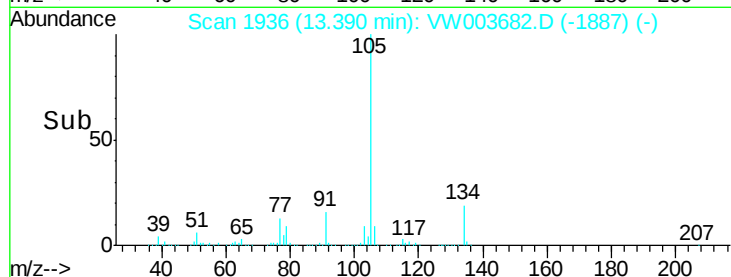
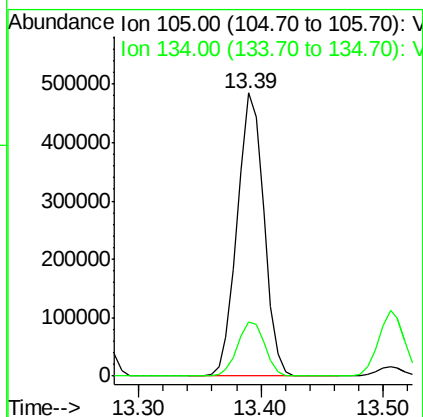
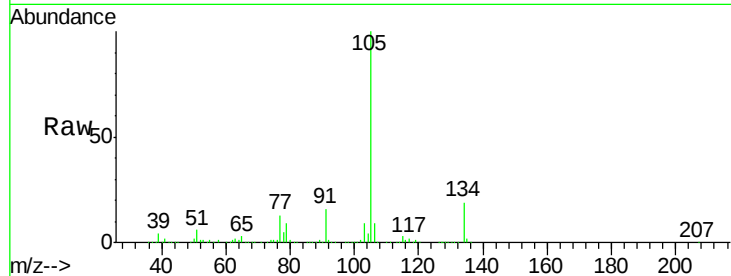




#85
 sec-Butylbenzene
 Concen: 50.495 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

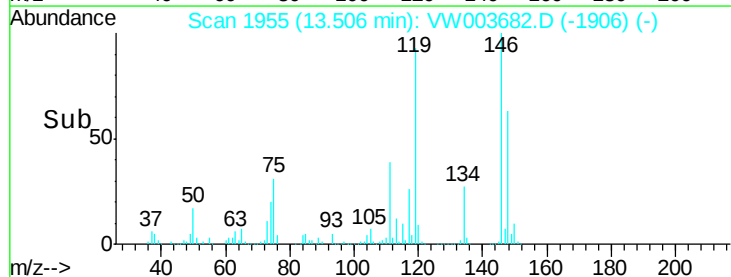
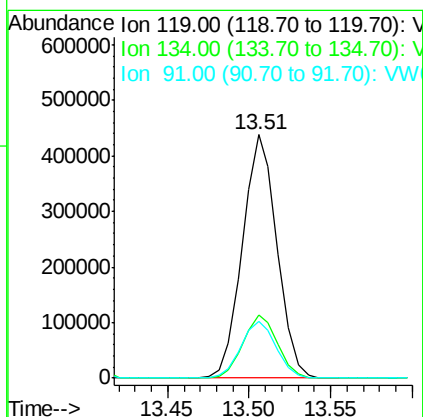
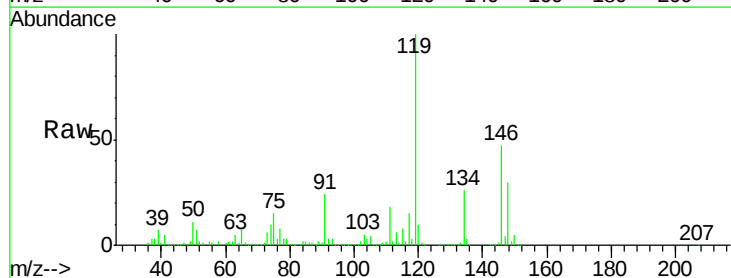
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

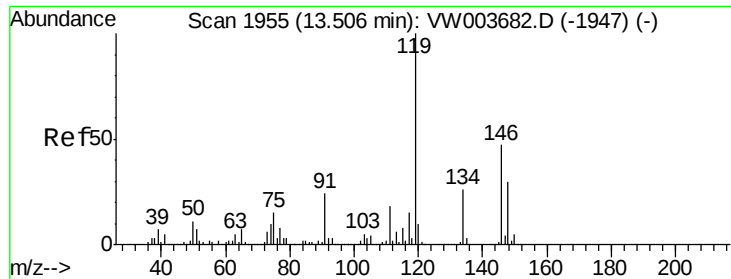
Tgt Ion:105 Resp: 730306
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.544 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion:119 Resp: 643307
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.6 11.8 35.4

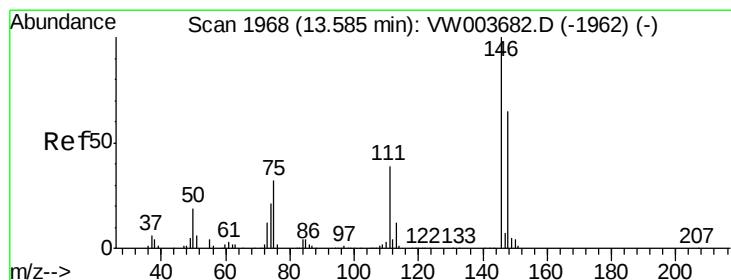
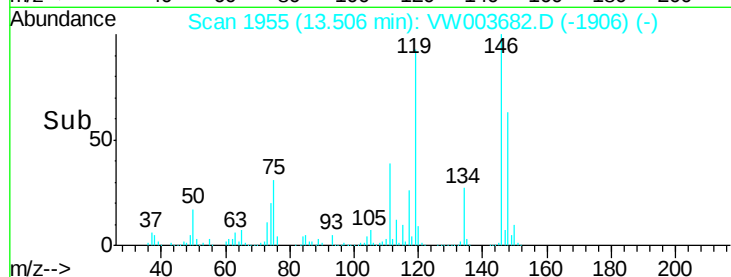
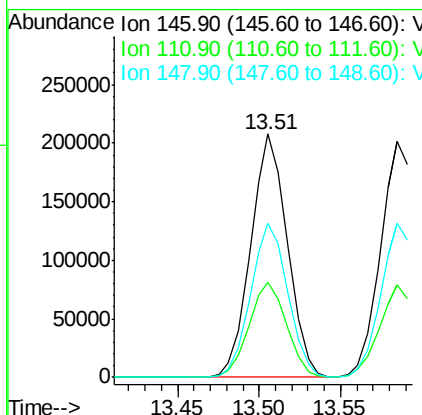
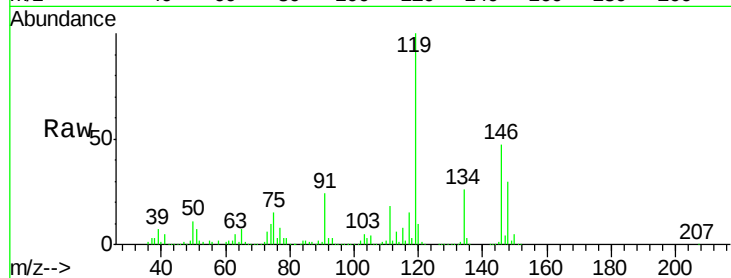




#87
 1,3-Dichlorobenzene
 Concen: 49.666 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

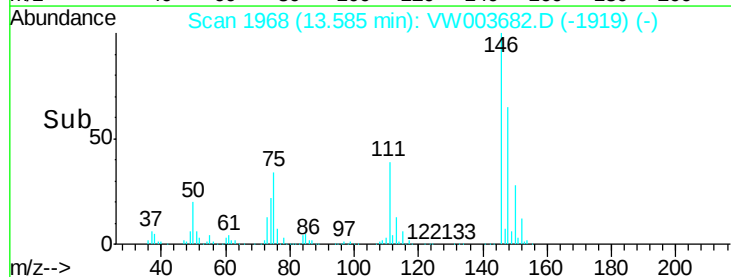
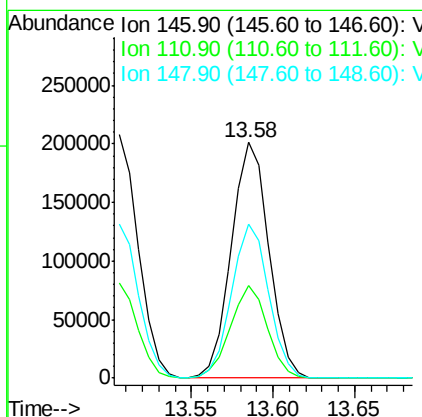
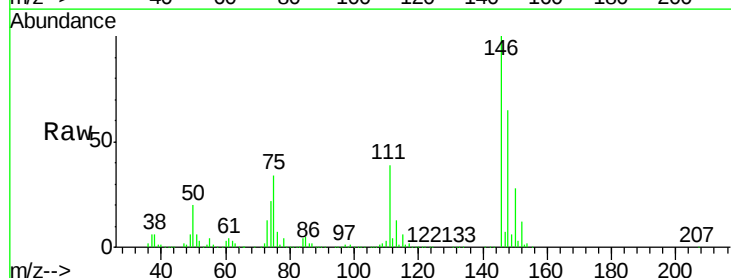
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

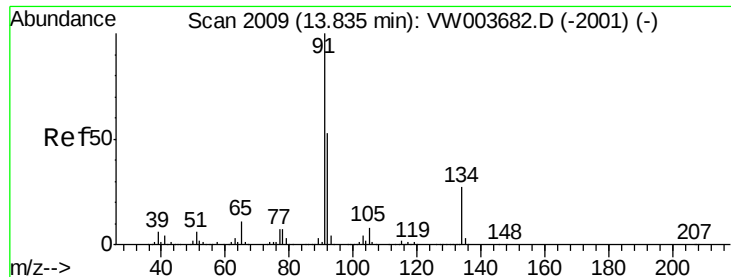
Tgt Ion:146 Resp: 323331
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.705 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion:146 Resp: 321889
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 64.6 32.3 96.9





#89

n-Butylbenzene

Concen: 50.842 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

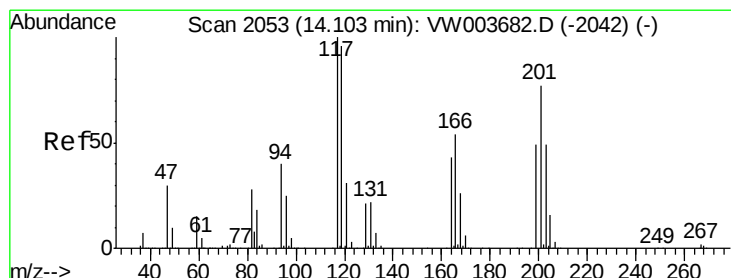
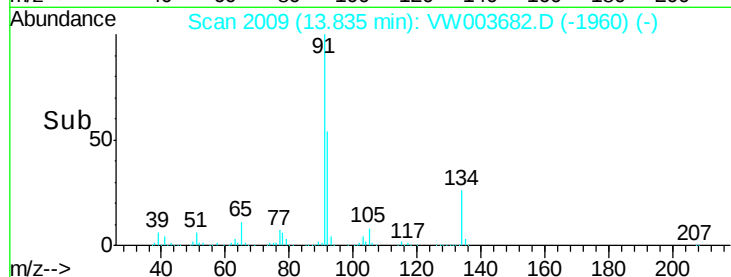
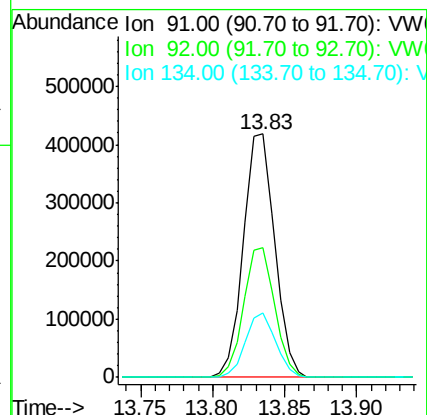
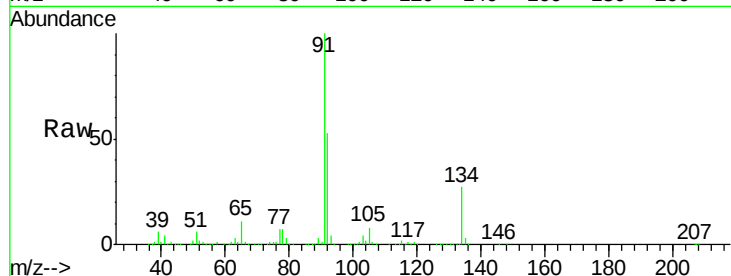
Tgt Ion: 91 Resp: 632151

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 50.302 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003682.D

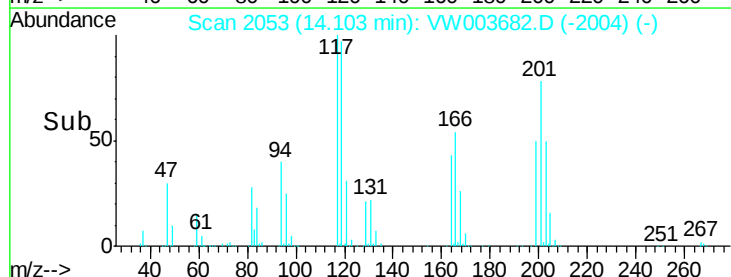
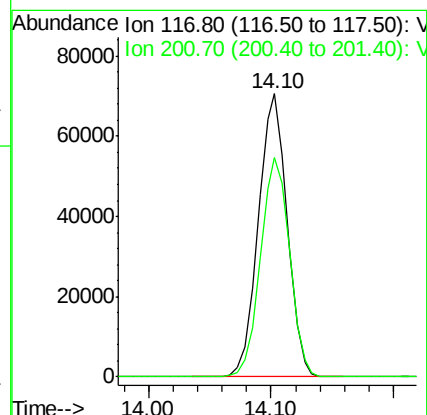
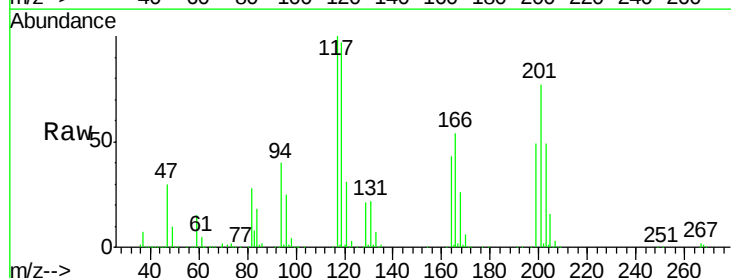
Acq: 02 Jul 2018 17:50

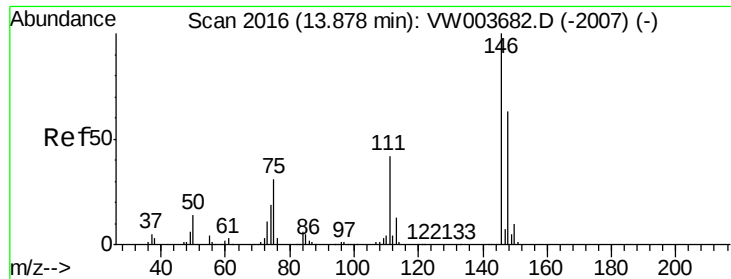
Tgt Ion: 117 Resp: 115986

Ion Ratio Lower Upper

117 100

201 78.1 39.1 117.2

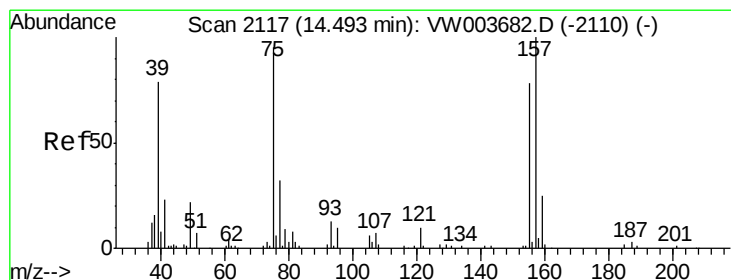
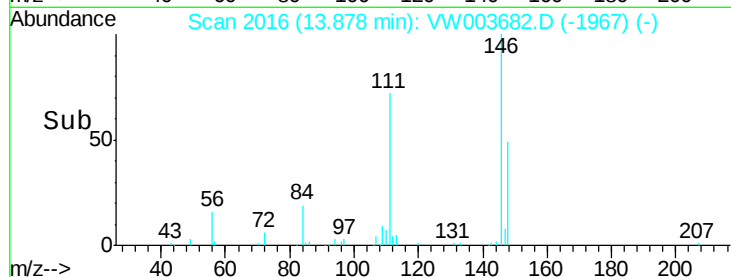
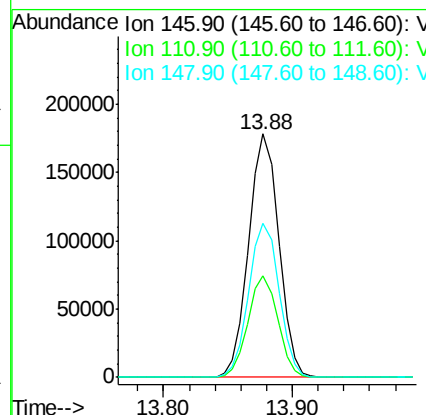
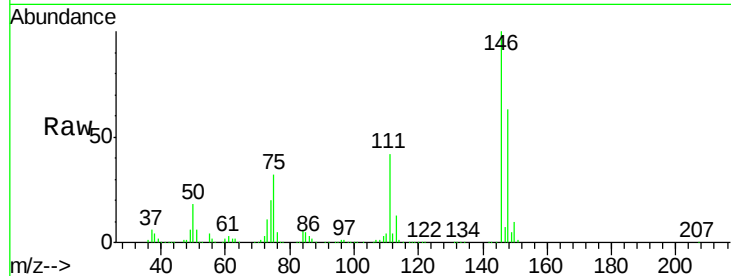




#91
 1,2-Dichlorobenzene
 Concen: 50.470 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

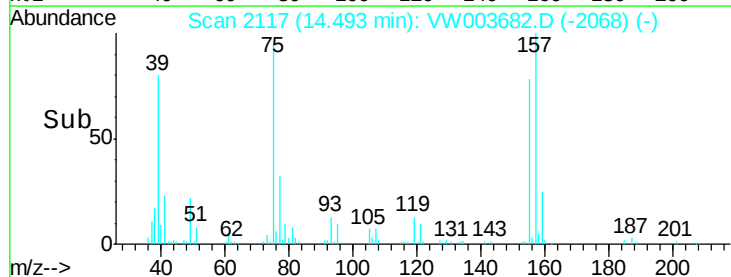
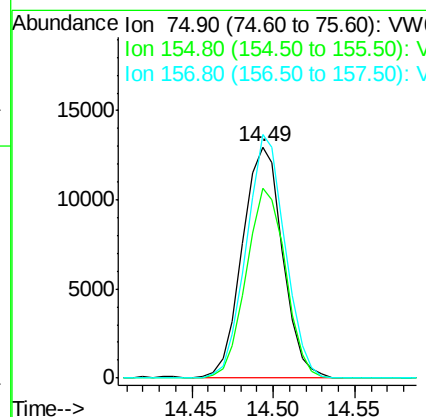
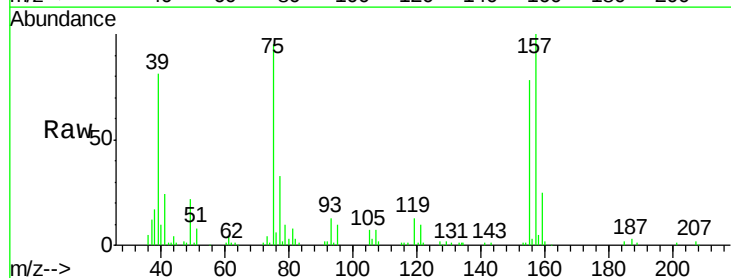
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

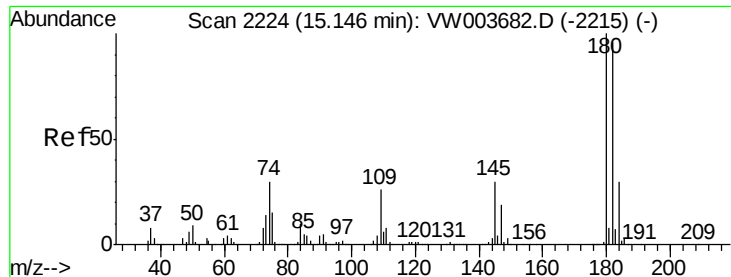
Tgt Ion: 146 Resp: 288369
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.9
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.329 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion: 75 Resp: 22274
 Ion Ratio Lower Upper
 75 100
 155 80.4 40.2 120.6
 157 101.5 50.7 152.3

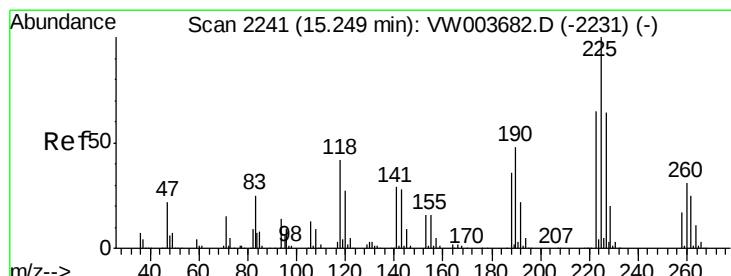
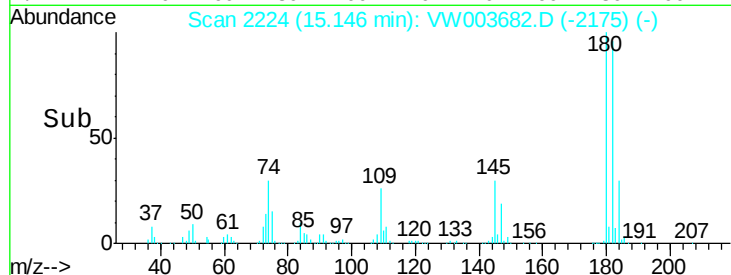
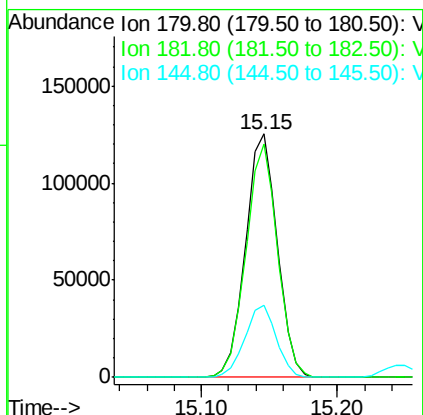
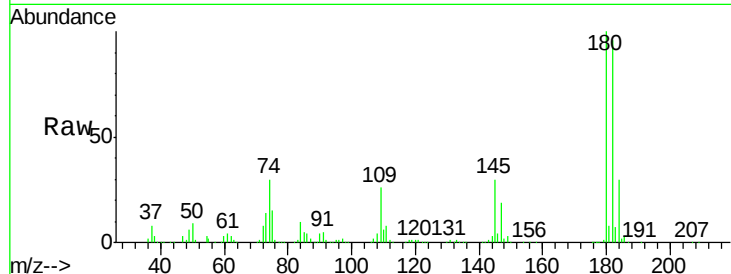




#93
 1,2,4-Trichlorobenzene
 Concen: 51.016 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

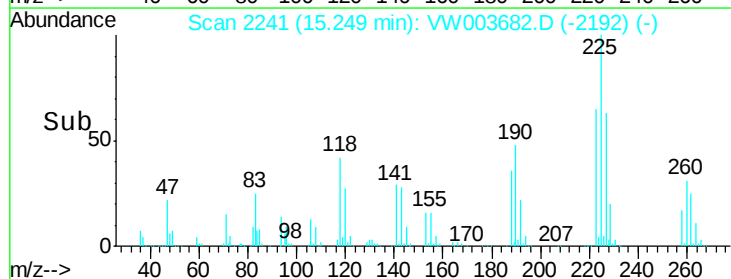
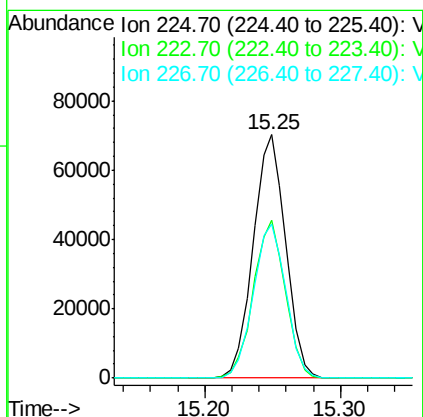
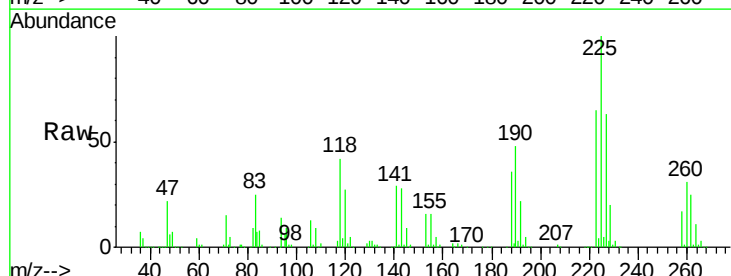
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

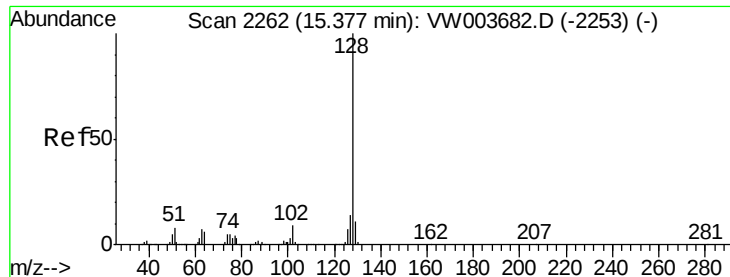
Tgt Ion:180 Resp: 204766
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 29.7 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 48.899 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003682.D
 Acq: 02 Jul 2018 17:50

Tgt Ion:225 Resp: 117131
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.0 96.2
 227 63.8 31.9 95.7

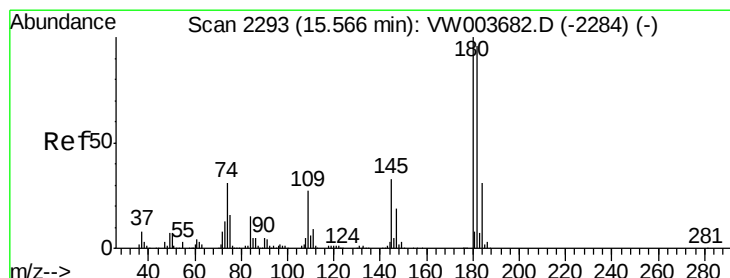
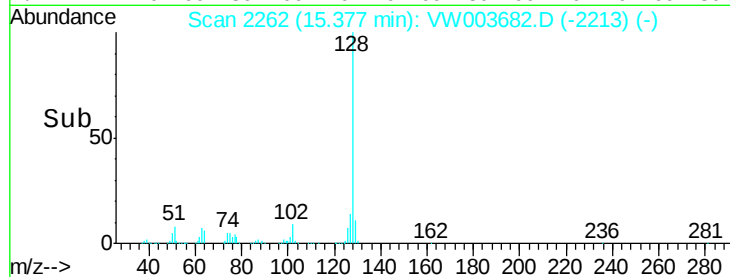
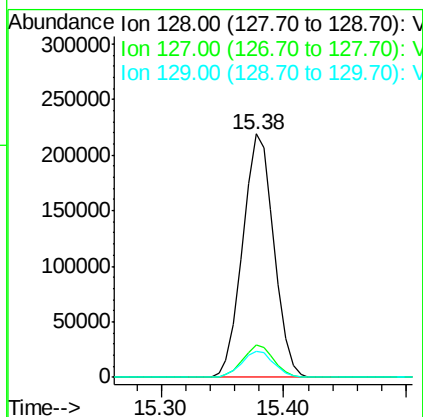
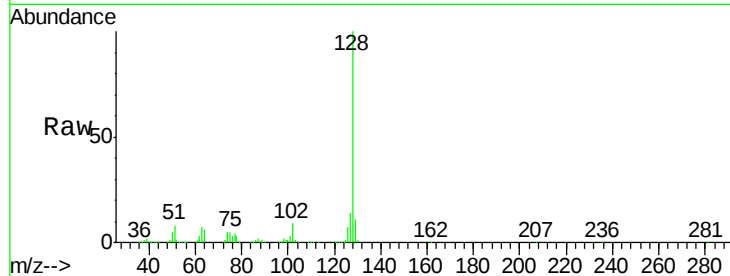




#95
Naphthalene
Concen: 56.262 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 387748
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.227 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003682.D
Acq: 02 Jul 2018 17:50

Tgt Ion:180 Resp: 181364
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 31.8 15.9 47.7

