

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003686.D
 Acq On : 02 Jul 2018 20:00
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

Quant Time: Jul 03 04:07:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 04:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	408162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201237	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	159685	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.88	113	137424	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.33	98	552844	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	199305	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	71930	51.691	ug/l	98
3) Chloromethane	2.21	50	108410	52.853	ug/l	100
4) Vinyl Chloride	2.36	62	142089	50.772	ug/l	100
5) Bromomethane	2.78	94	93707	51.069	ug/l	94
6) Chloroethane	2.92	64	85497	50.772	ug/l	99
7) Trichlorofluoromethane	3.25	101	68902	46.299	ug/l	96
8) Diethyl Ether	3.67	74	70410	51.133	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	125372	50.694	ug/l	99
10) Methyl Iodide	4.26	142	187747	51.699	ug/l	99
11) Tert butyl alcohol	5.21	59	46203	240.519	ug/l	99
12) 1,1-Dichloroethene	4.03	96	124329	50.439	ug/l	99
13) Acrolein	3.89	56	13165	141.241	ug/l	92
14) Allyl chloride	4.65	41	219694	52.113	ug/l	98
15) Acrylonitrile	5.37	53	163107	255.396	ug/l	99
16) Acetone	4.14	43	168182	229.503	ug/l	99
17) Carbon Disulfide	4.37	76	398922	53.910	ug/l	98
18) Methyl Acetate	4.67	43	75239	47.296	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	252989	52.544	ug/l	100
20) Methylene Chloride	4.92	84	138923	49.449	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	138536	51.317	ug/l	96
22) Diisopropyl ether	6.31	45	448668	51.910	ug/l	98
23) Vinyl Acetate	6.26	43	1441417	246.186	ug/l	99
24) 1,1-Dichloroethane	6.21	63	259110	50.270	ug/l	98
25) 2-Butanone	7.18	43	228930	243.977	ug/l	99
26) 2,2-Dichloropropane	7.17	77	145974	46.188	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	149403	50.820	ug/l	99
28) Bromochloromethane	7.51	49	113904	50.273	ug/l	100
29) Tetrahydrofuran	7.54	42	145498	258.673	ug/l	100
30) Chloroform	7.68	83	258243	49.548	ug/l	95
31) Cyclohexane	7.95	56	239036	50.933	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	204525	50.409	ug/l	99
36) 1,1-Dichloropropene	8.08	75	211381	51.590	ug/l	100
37) Ethyl Acetate	7.26	43	101806	51.047	ug/l	100
38) Carbon Tetrachloride	8.07	117	196586	50.436	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255652	54.183	ug/l	97
40) Benzene	8.32	78	585804	50.869	ug/l	100
41) Methacrylonitrile	7.49	41	59473	52.464	ug/l	97
42) 1,2-Dichloroethane	8.40	62	182534	50.339	ug/l	100
43) Isopropyl Acetate	8.43	43	195712	52.104	ug/l	99
44) Trichloroethene	9.09	130	151151	50.773	ug/l	97
45) 1,2-Dichloropropane	9.37	63	150957	50.532	ug/l	99
46) Dibromomethane	9.46	93	78495	50.595	ug/l	99
47) Bromodichloromethane	9.65	83	192049	50.076	ug/l	99
48) Methyl methacrylate	9.44	41	94245	47.651	ug/l	99
49) 1,4-Dioxane	9.46	88	25891	1063.822	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	514900	260.147	ug/l	99
52) Toluene	10.39	92	371906	51.750	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	204607	51.424	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	230383	51.073	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	109232	49.974	ug/l	98
56) Ethyl methacrylate	10.65	69	146842	47.531	ug/l	99
57) 1,3-Dichloropropane	10.93	76	191418	50.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	280657	240.222	ug/l	99
59) 2-Hexanone	10.98	43	360734	254.962	ug/l	99
60) Dibromochloromethane	11.13	129	128331	50.223	ug/l	100
61) 1,2-Dibromoethane	11.24	107	105291	50.292	ug/l	100
64) Tetrachloroethene	10.87	164	131705	51.352	ug/l	95
65) Chlorobenzene	11.66	112	401907	50.378	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	140817	50.507	ug/l	98
67) Ethyl Benzene	11.74	91	730949	52.292	ug/l	98
68) m/p-Xylenes	11.85	106	559446	105.247	ug/l	100
69) o-Xylene	12.17	106	259021	52.711	ug/l	100
70) Styrene	12.19	104	439458	53.245	ug/l	99
71) Bromoform	12.35	173	78039	50.374	ug/l #	100
73) Isopropylbenzene	12.47	105	720133	52.608	ug/l	100
74) N-amyl acetate	12.28	43	193025	53.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	133538	49.875	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	179603	99.261	ug/l #	100
77) Bromobenzene	12.75	156	166288	50.617	ug/l	99
78) n-propylbenzene	12.81	91	894473	52.894	ug/l	100
79) 2-Chlorotoluene	12.90	91	495911	51.534	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	611838	52.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	43669	51.139	ug/l	99
82) 4-Chlorotoluene	12.99	91	531934	52.073	ug/l	99
83) tert-Butylbenzene	13.21	119	518322	53.062	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	630022	52.847	ug/l	99
85) sec-Butylbenzene	13.39	105	768178	52.849	ug/l	100
86) p-Isopropyltoluene	13.51	119	675691	53.146	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	337778	50.661	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	333996	50.130	ug/l	99
89) n-Butylbenzene	13.83	91	668854	53.212	ug/l	99
90) Hexachloroethane	14.10	117	119789	50.715	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	302710	50.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23619	50.629	ug/l	99

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QLast Update : Tue Jul 03 04:04:14 2018
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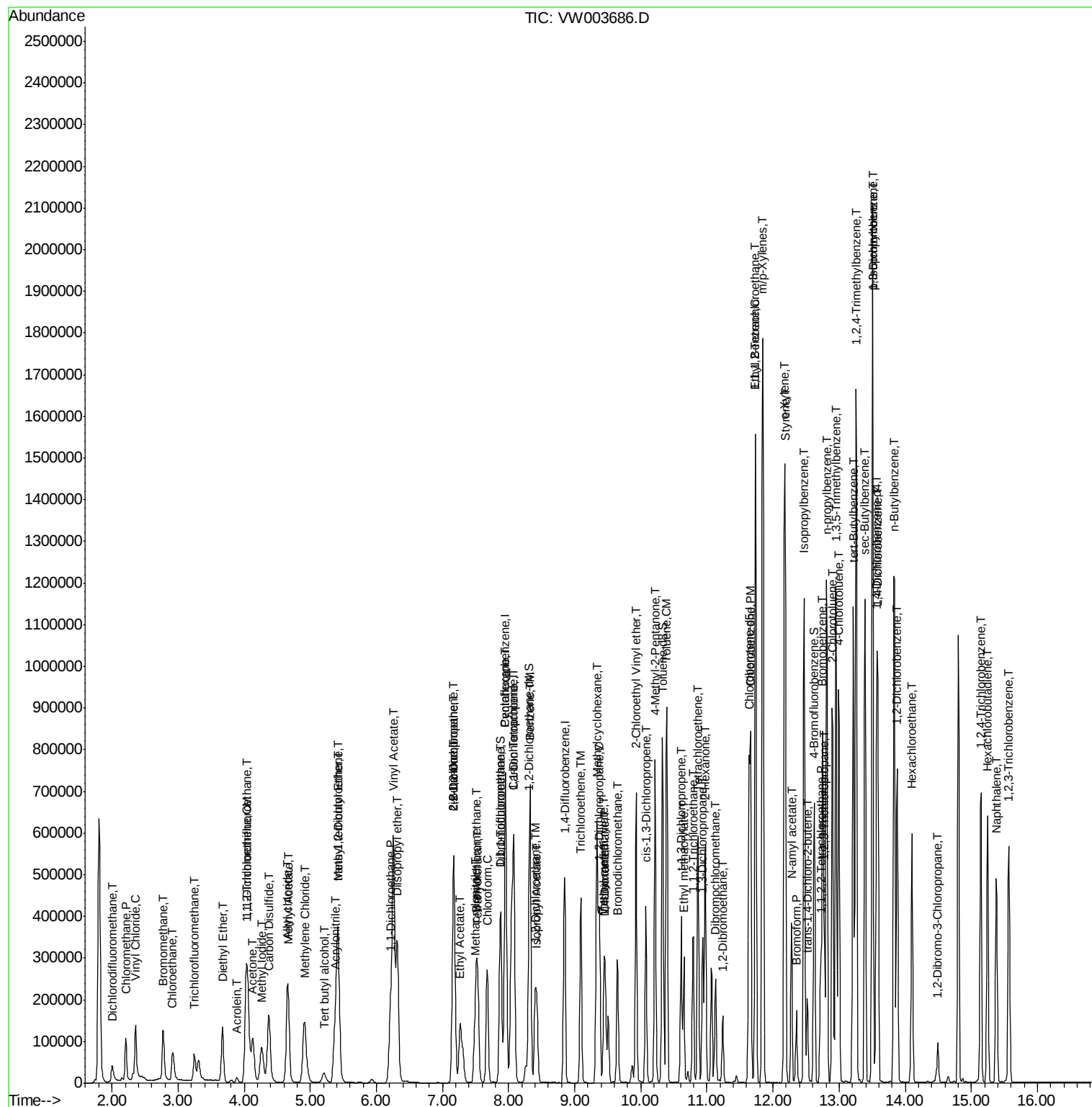
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	217373	51.712	ug/l	99
94) Hexachlorobutadiene	15.25	225	123622	50.920	ug/l	99
95) Naphthalene	15.38	128	409746	53.746	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	192084	51.299	ug/l	99

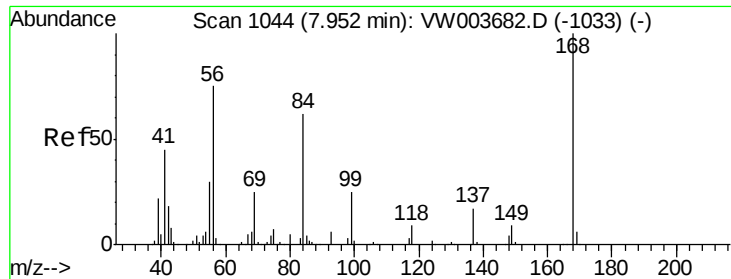
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

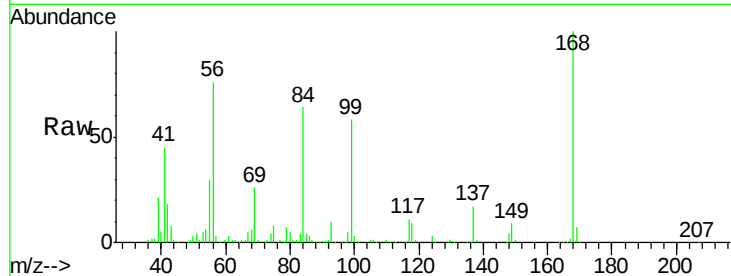
ICVW070218

Tgt Ion:168 Resp: 257498

Ion Ratio Lower Upper

168 100

99 57.6 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

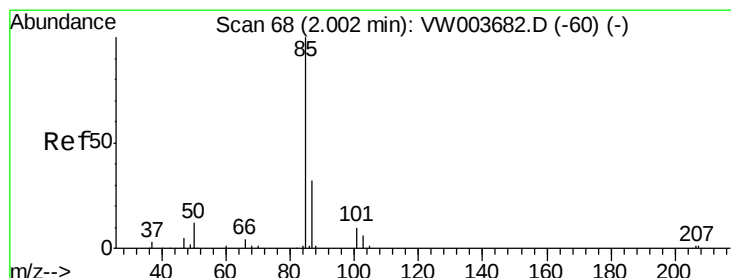
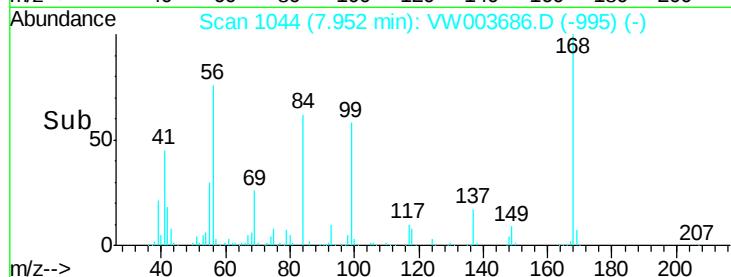
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.691 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003686.D

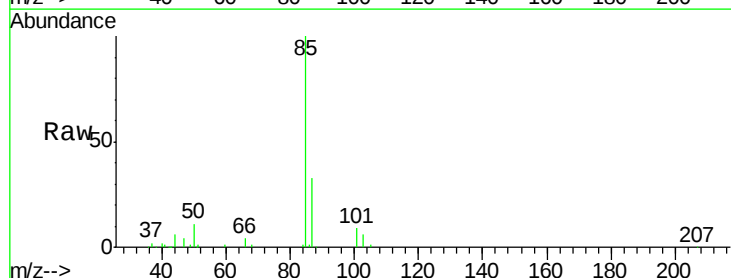
Acq: 02 Jul 2018 20:00

Tgt Ion: 85 Resp: 71930

Ion Ratio Lower Upper

85 100

87 33.2 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

25000

20000

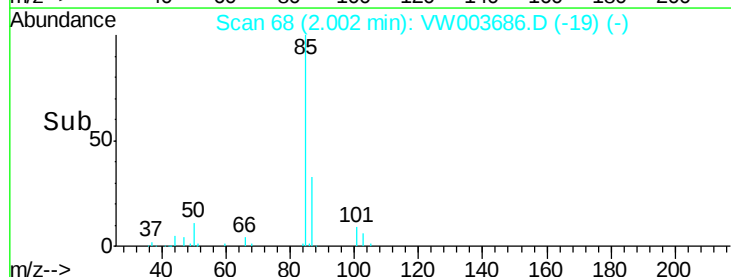
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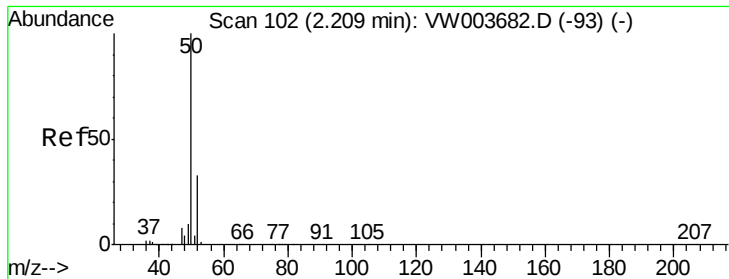
10000

5000

0

Time-->





#3

Chloromethane

Concen: 52.853 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

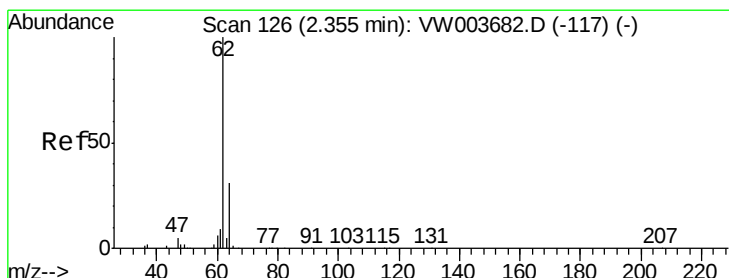
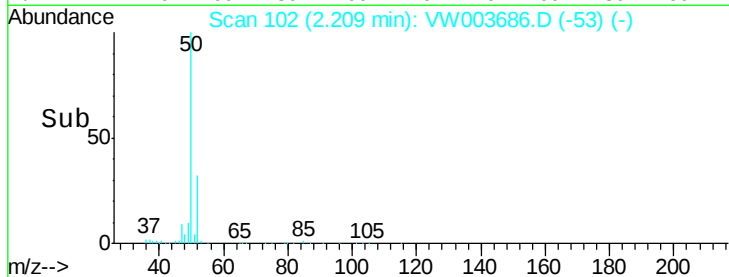
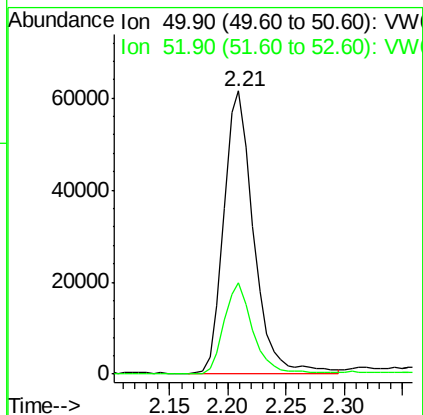
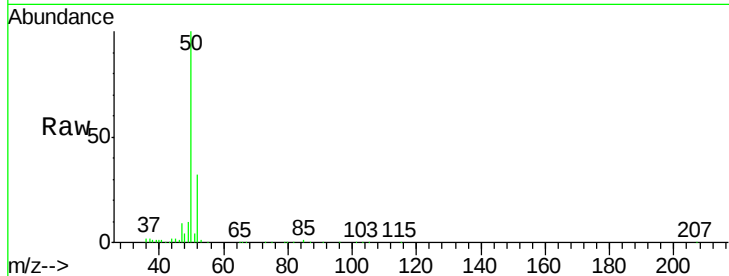
ICVW070218

Tgt Ion: 50 Resp: 108410

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 50.772 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003686.D

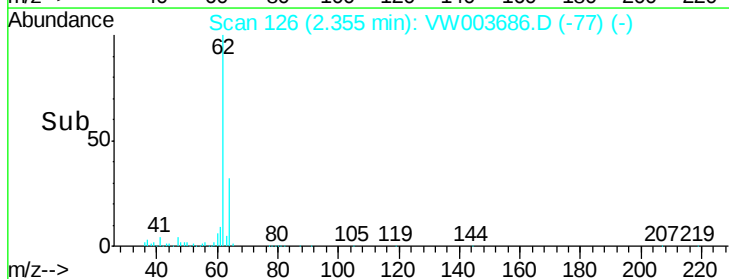
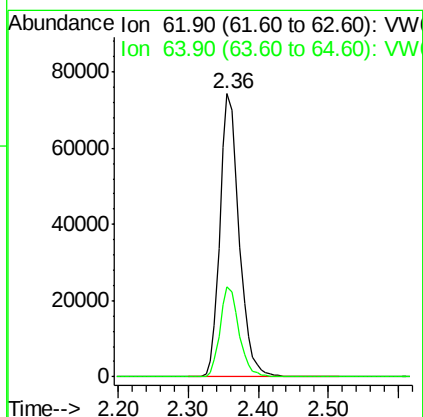
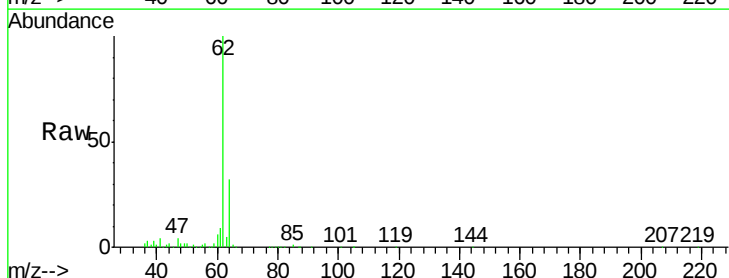
Acq: 02 Jul 2018 20:00

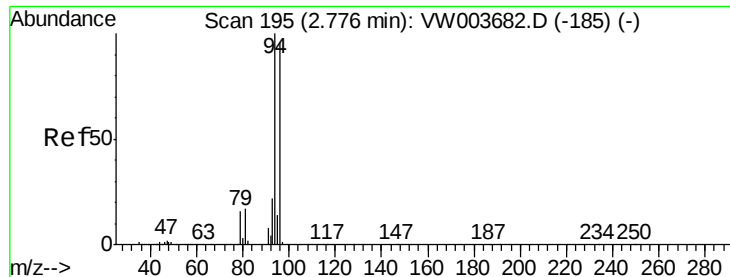
Tgt Ion: 62 Resp: 142089

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 51.069 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

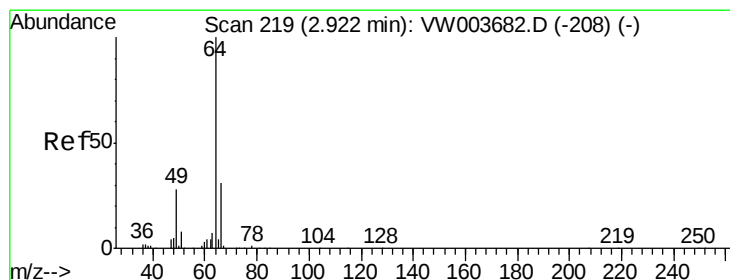
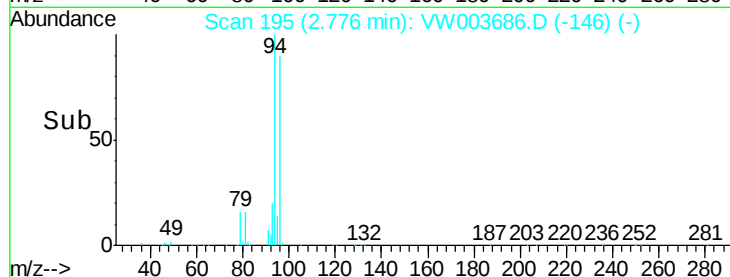
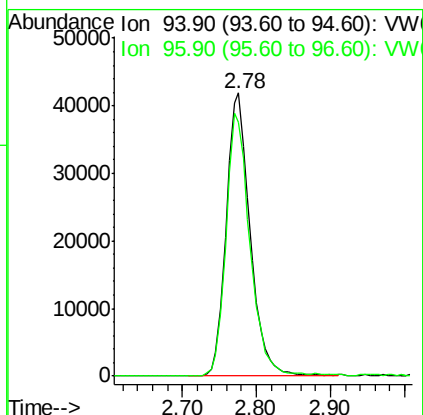
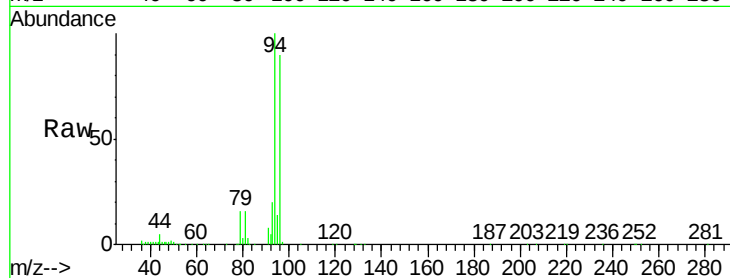
ICVW070218

Tgt Ion: 94 Resp: 93707

Ion Ratio Lower Upper

94 100

96 90.1 76.6 115.0



#6

Chloroethane

Concen: 50.772 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003686.D

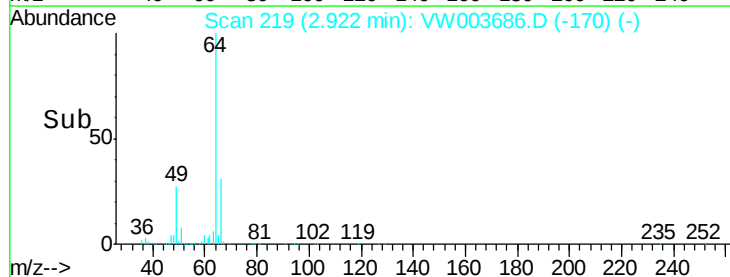
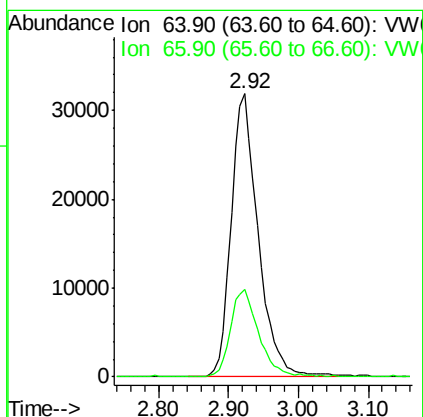
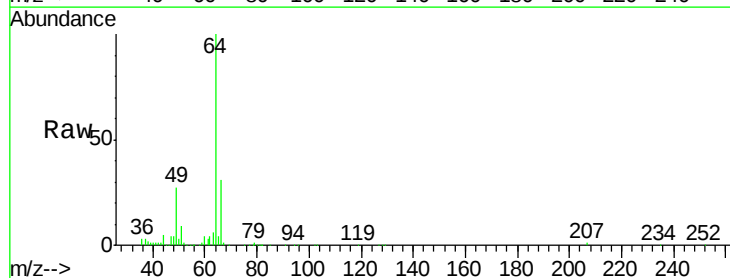
Acq: 02 Jul 2018 20:00

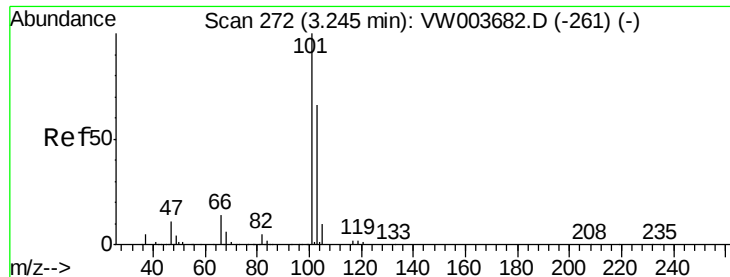
Tgt Ion: 64 Resp: 85497

Ion Ratio Lower Upper

64 100

66 30.9 25.0 37.6



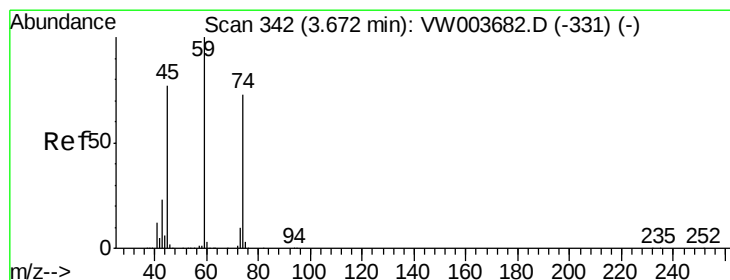
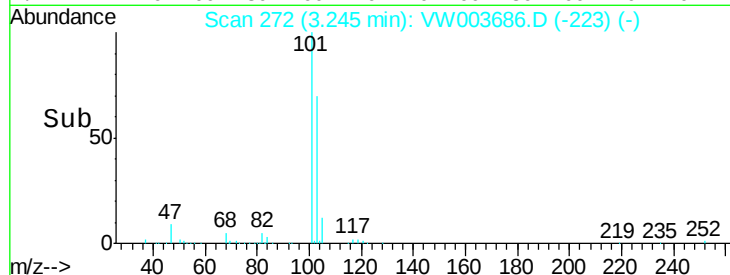
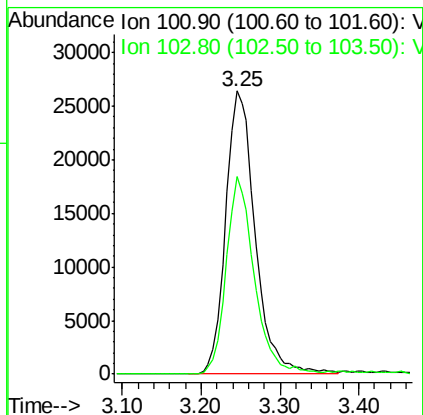
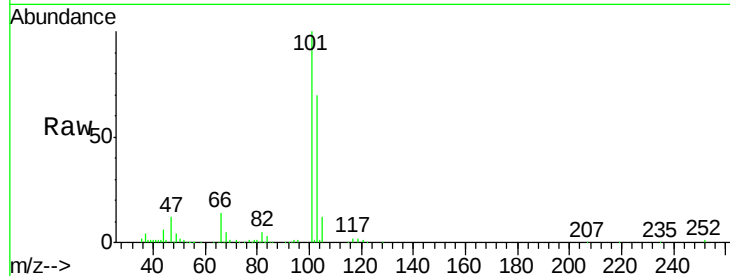


#7

Trichlorofluoromethane
 Concen: 46.299 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
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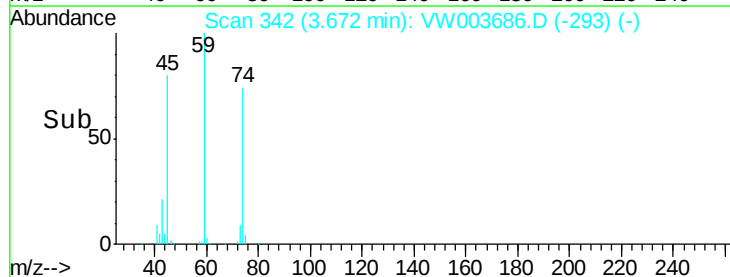
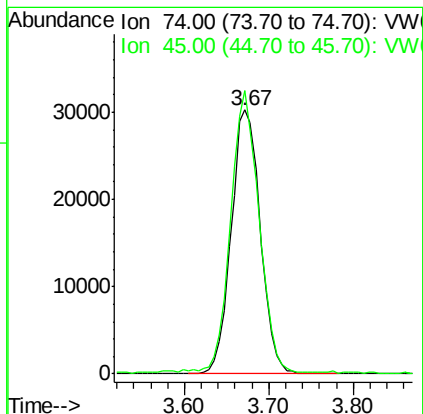
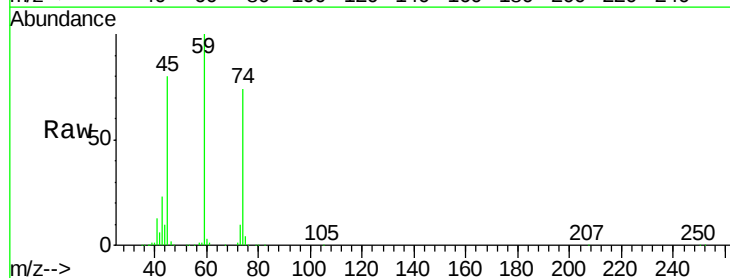
Tgt Ion: 101 Resp: 68902
 Ion Ratio Lower Upper
 101 100
 103 69.7 52.9 79.3

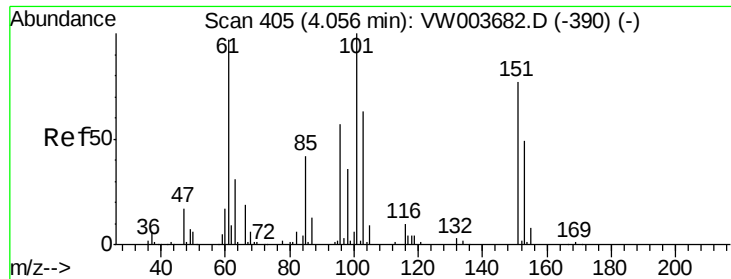


#8

Diethyl Ether
 Concen: 51.133 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion: 74 Resp: 70410
 Ion Ratio Lower Upper
 74 100
 45 104.1 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.694 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

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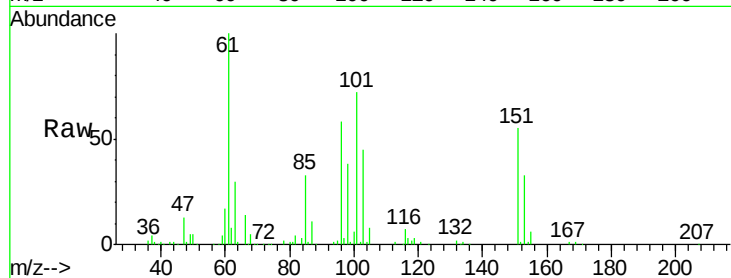
Tgt Ion:101 Resp: 125372

Ion Ratio Lower Upper

101 100

85 45.5 36.6 55.0

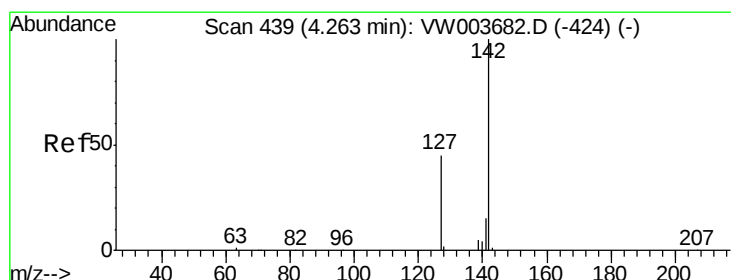
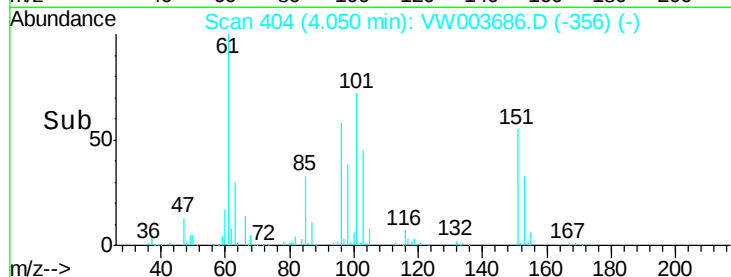
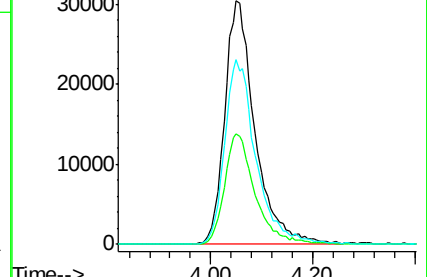
151 78.5 62.4 93.6



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: 51.699 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

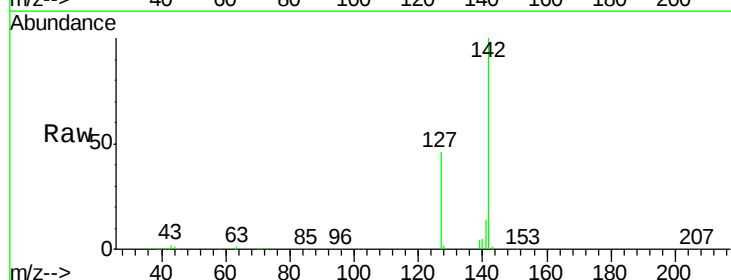
Tgt Ion:142 Resp: 187747

Ion Ratio Lower Upper

142 100

127 44.3 36.0 54.0

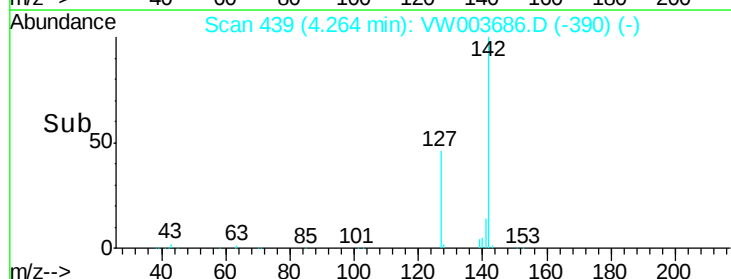
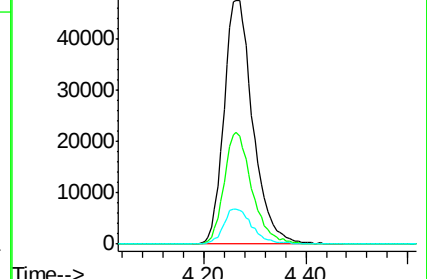
141 14.5 11.9 17.9

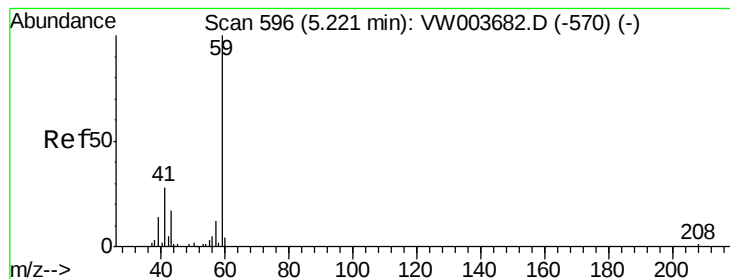


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 240.519 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

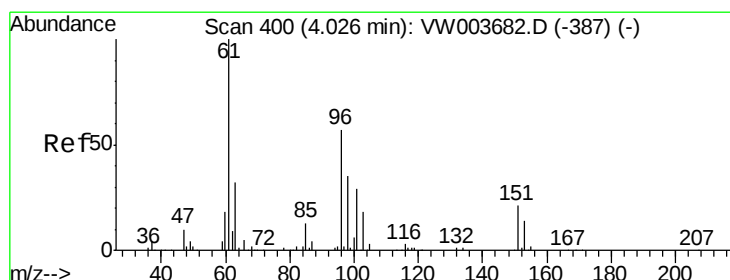
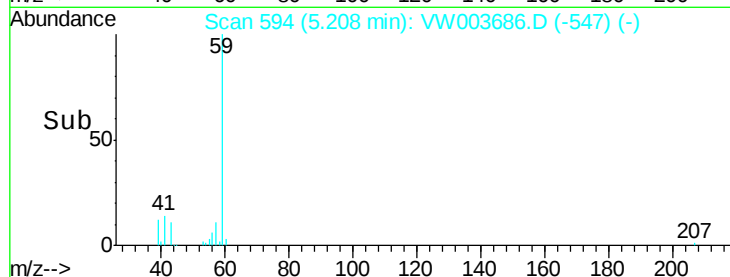
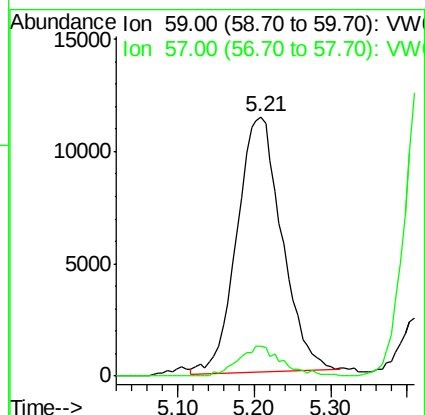
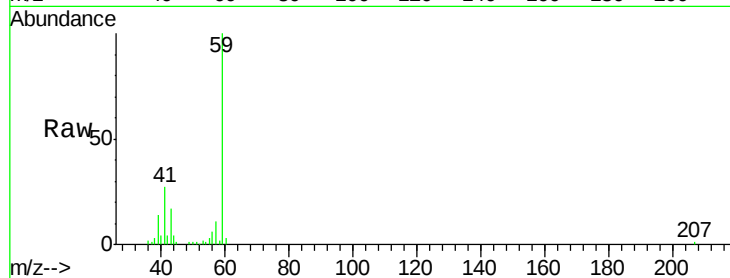
ICVW070218

Tgt Ion: 59 Resp: 46203

Ion Ratio Lower Upper

59 100

57 11.5 9.0 13.4



#12

1,1-Dichloroethene

Concen: 50.439 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

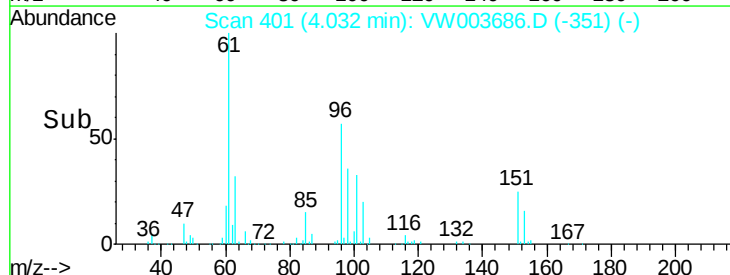
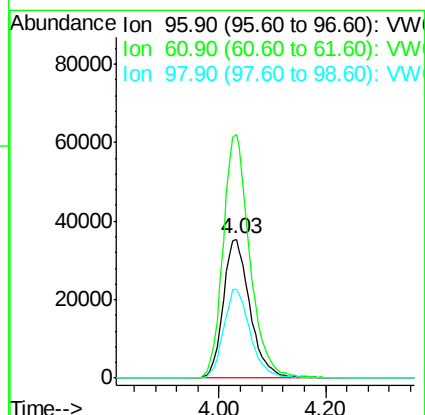
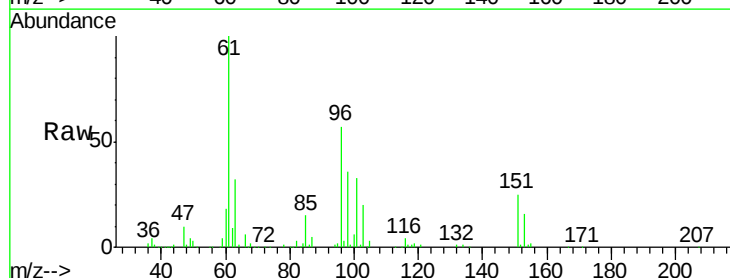
Tgt Ion: 96 Resp: 124329

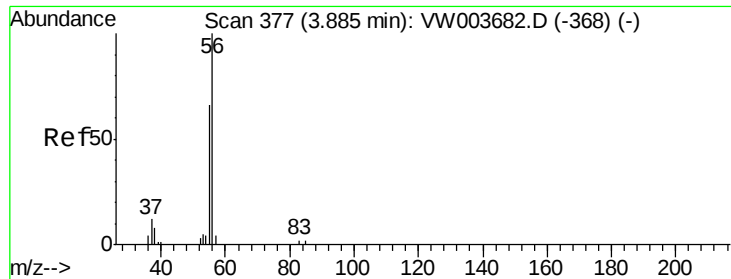
Ion Ratio Lower Upper

96 100

61 175.3 140.6 211.0

98 63.8 49.4 74.0





#13

Acrolein

Concen: 141.241 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

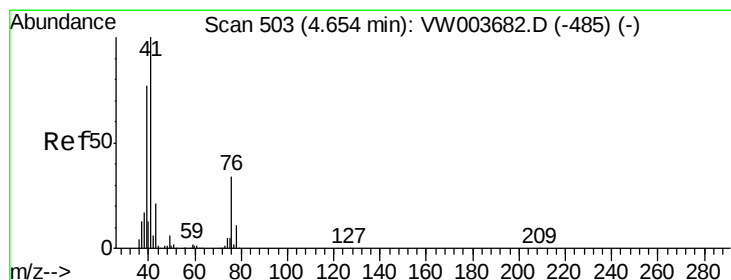
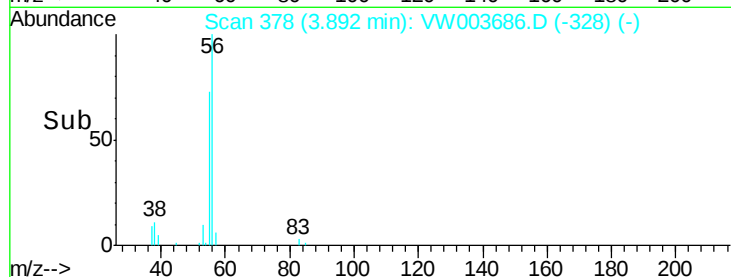
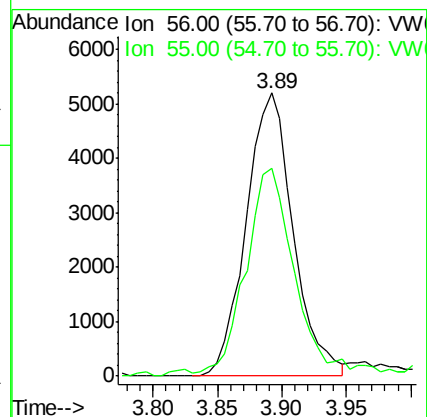
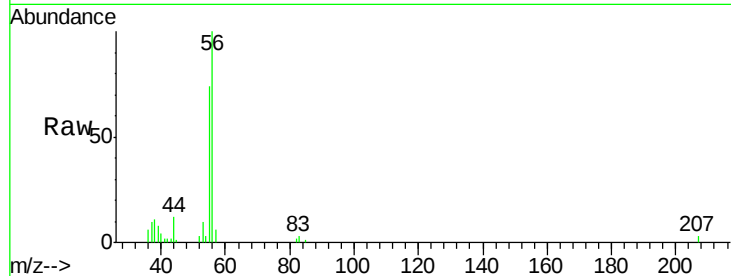
ICVW070218

Tgt Ion: 56 Resp: 13165

Ion Ratio Lower Upper

56 100

55 74.7 54.7 82.1



#14

Allyl chloride

Concen: 52.113 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

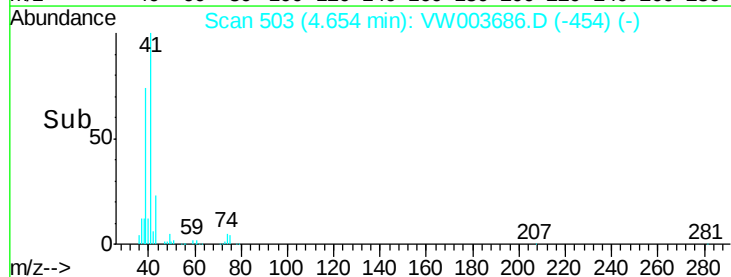
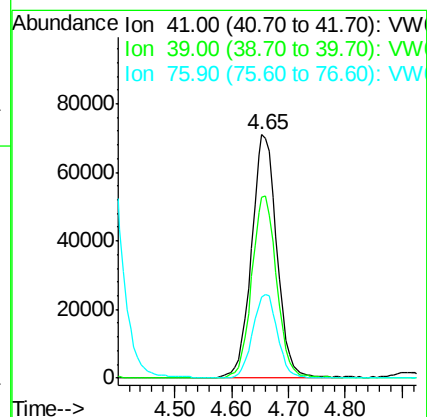
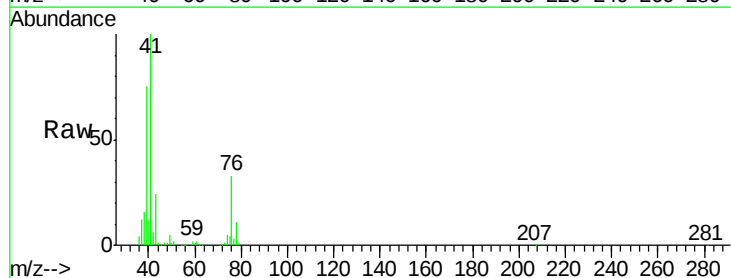
Tgt Ion: 41 Resp: 219694

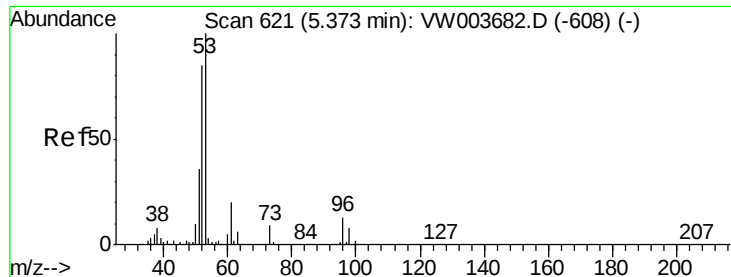
Ion Ratio Lower Upper

41 100

39 73.1 60.1 90.1

76 33.1 27.2 40.8





#15

Acrylonitrile

Concen: 255.396 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

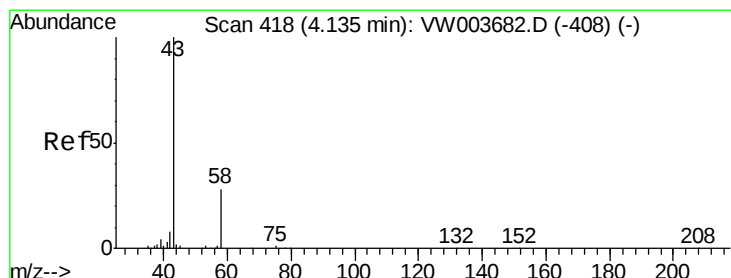
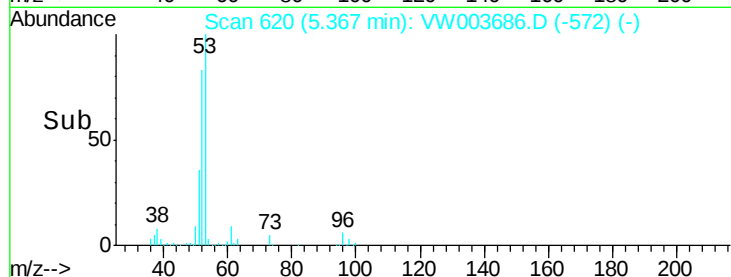
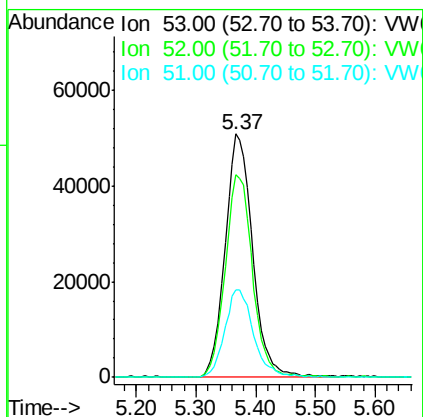
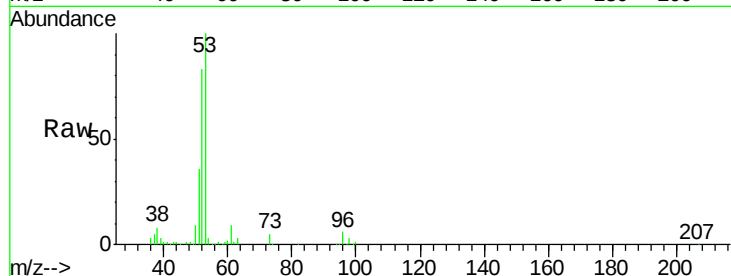
Tgt Ion: 53 Resp: 163107

Ion Ratio Lower Upper

53 100

52 82.3 66.8 100.2

51 37.9 30.2 45.4



#16

Acetone

Concen: 229.503 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003686.D

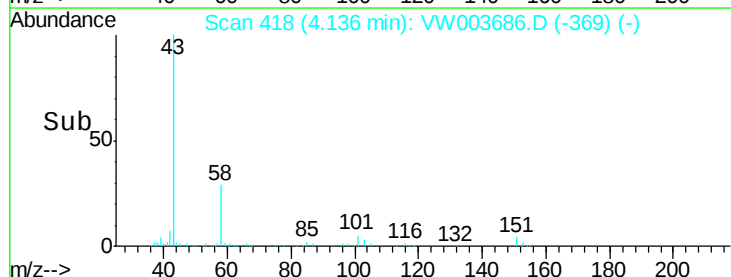
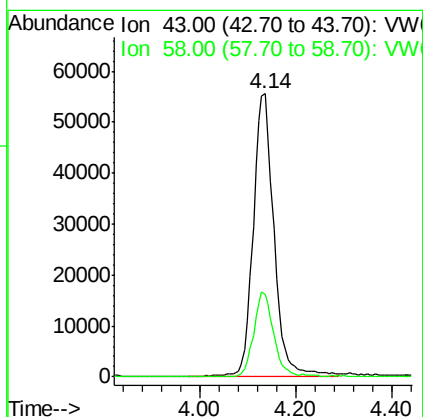
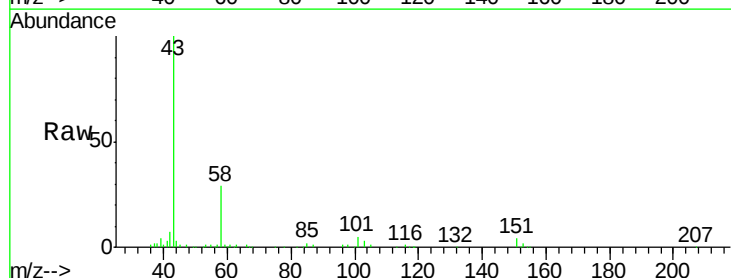
Acq: 02 Jul 2018 20:00

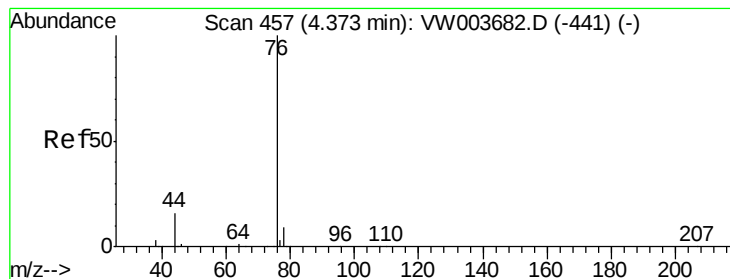
Tgt Ion: 43 Resp: 168182

Ion Ratio Lower Upper

43 100

58 29.2 22.7 34.1





#17

Carbon Disulfide

Concen: 53.910 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

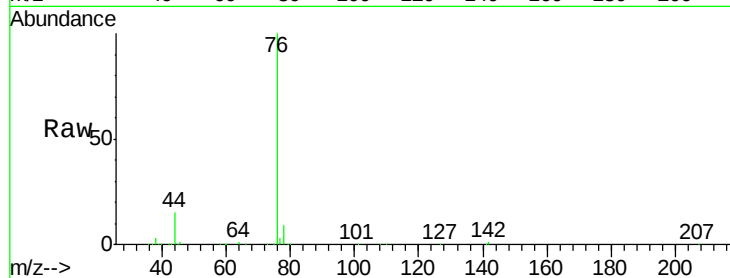
ICVW070218

Tgt Ion: 76 Resp: 398922

Ion Ratio Lower Upper

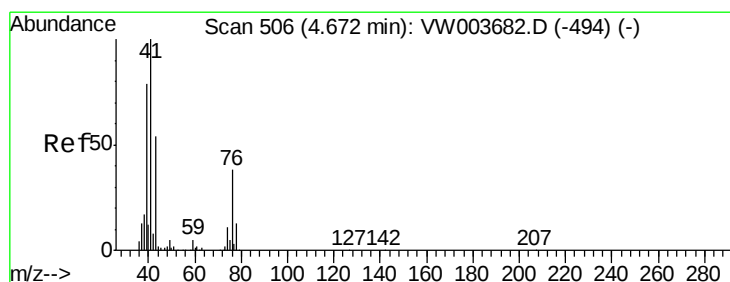
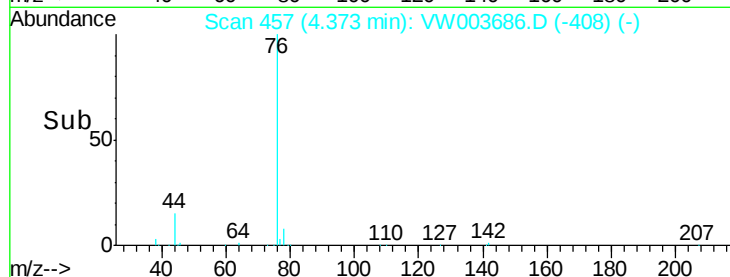
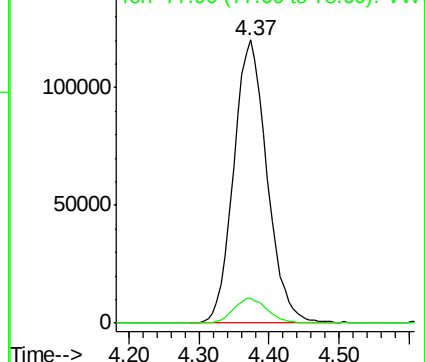
76 100

78 8.7 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: 47.296 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003686.D

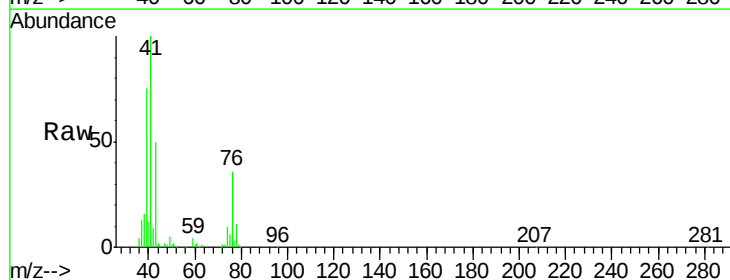
Acq: 02 Jul 2018 20:00

Tgt Ion: 43 Resp: 75239

Ion Ratio Lower Upper

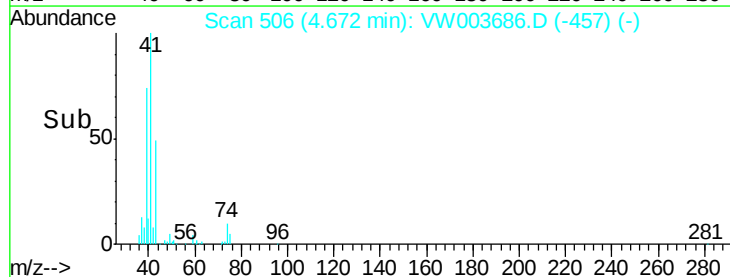
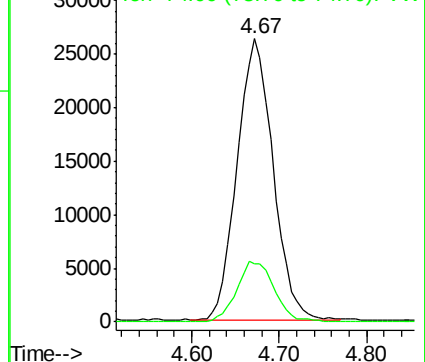
43 100

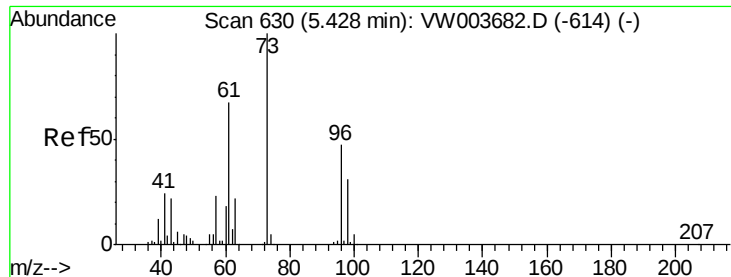
74 22.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

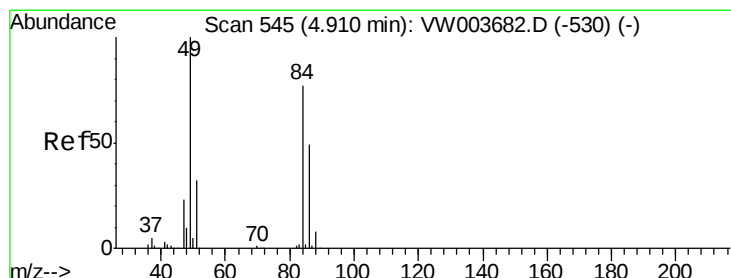
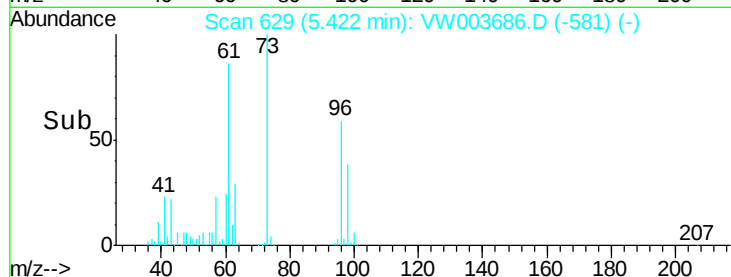
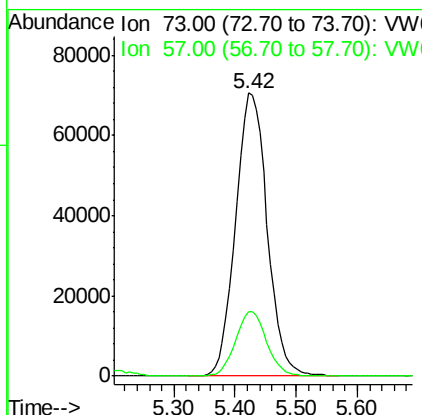
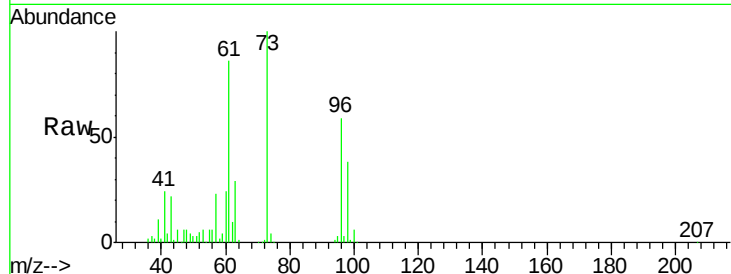




#19
Methyl tert-butyl Ether
Concen: 52.544 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

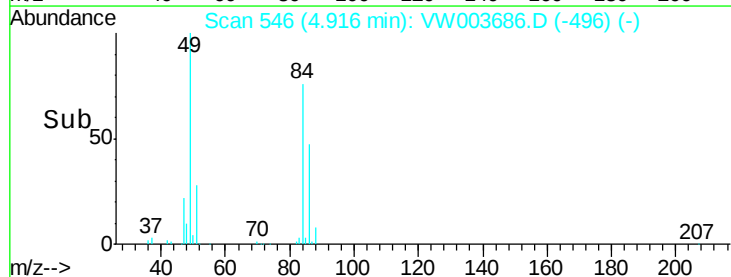
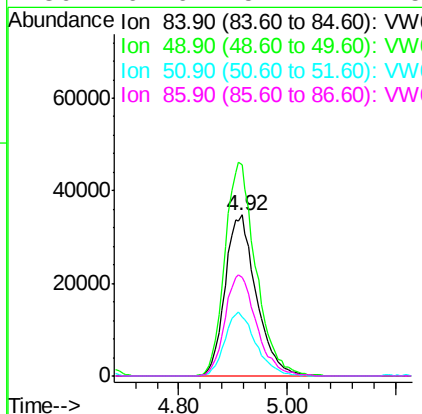
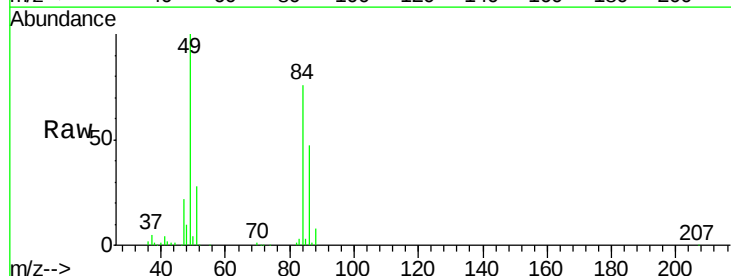
Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

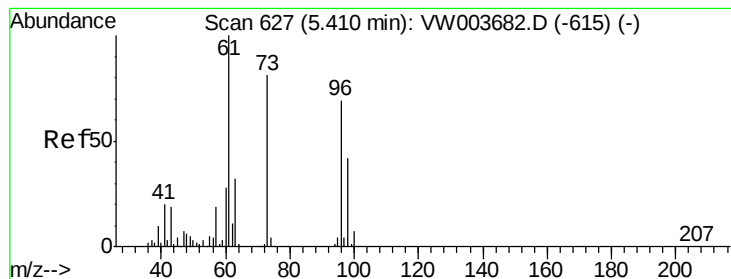
Tgt Ion: 73 Resp: 252989
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 49.449 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 84 Resp: 138923
Ion Ratio Lower Upper
84 100
49 131.5 104.6 156.8
51 36.8 33.2 49.8
86 61.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 51.317 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

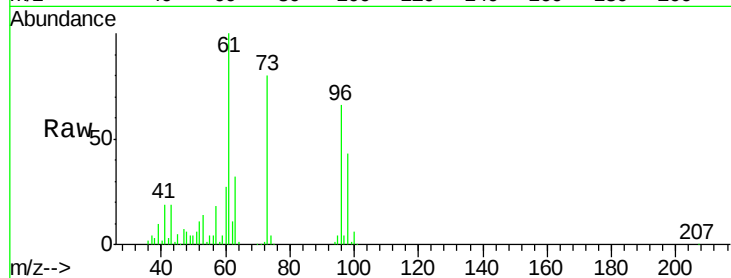
Tgt Ion: 96 Resp: 138536

Ion Ratio Lower Upper

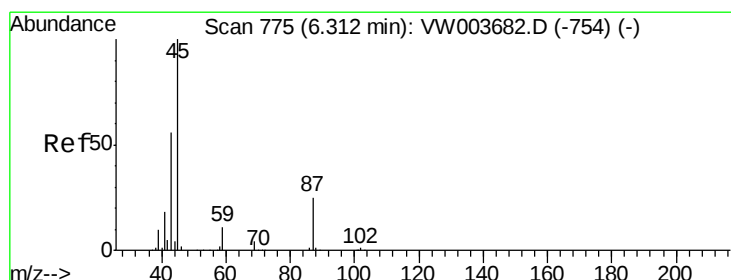
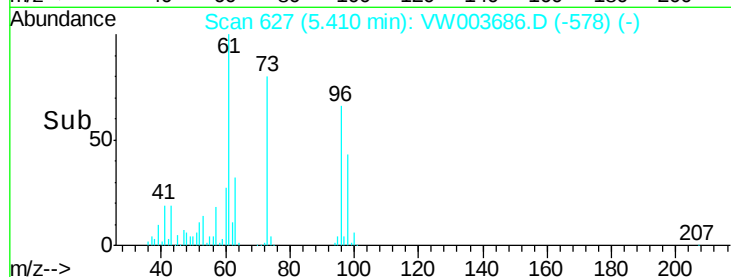
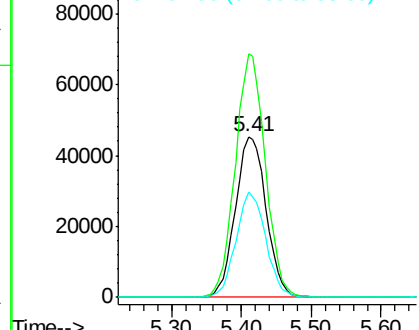
96 100

61 151.4 116.8 175.2

98 65.5 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 51.910 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion: 45 Resp: 448668

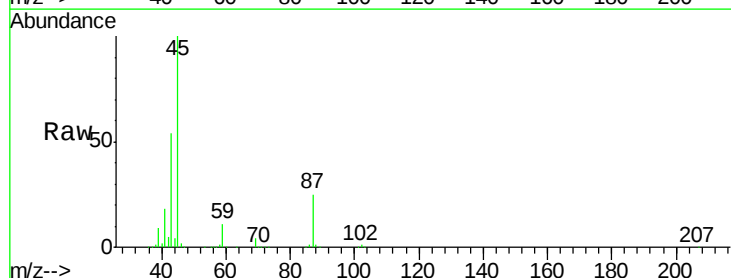
Ion Ratio Lower Upper

45 100

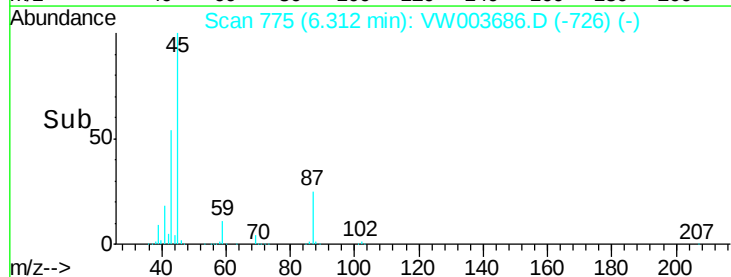
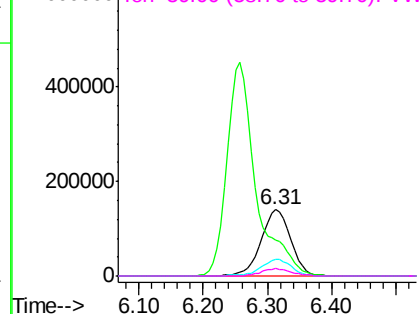
43 54.0 44.5 66.7

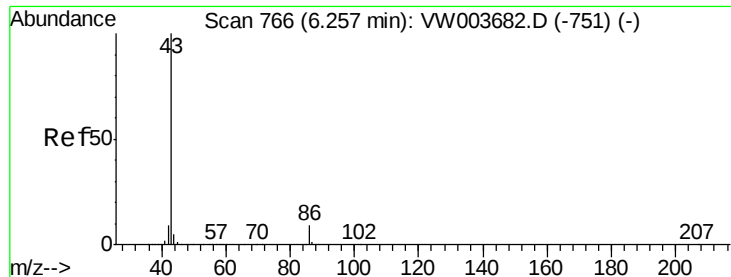
87 24.8 20.2 30.4

59 11.3 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 246.186 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

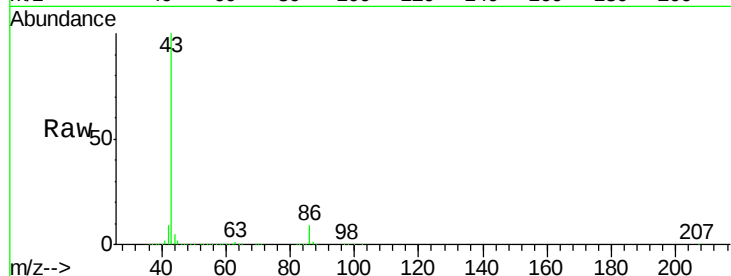
ICVW070218

Tgt Ion: 43 Resp: 1441417

Ion Ratio Lower Upper

43 100

86 9.1 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

300000

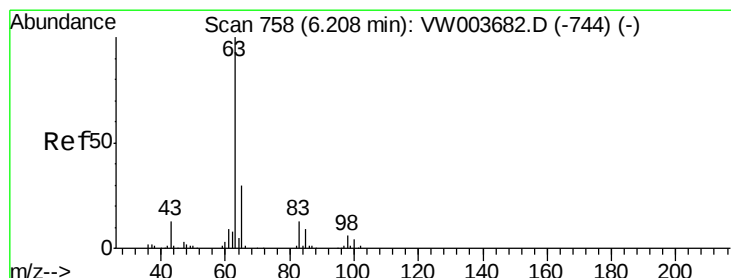
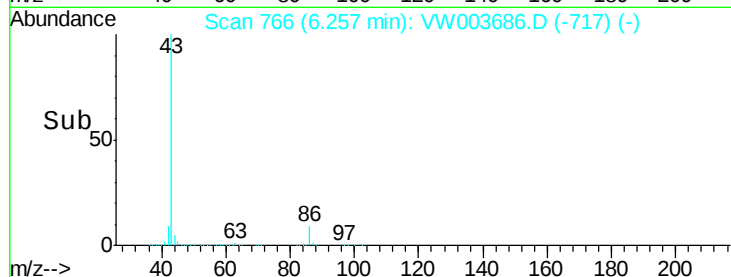
200000

100000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 50.270 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

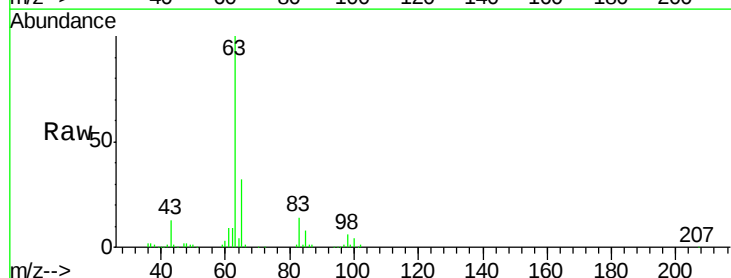
Tgt Ion: 63 Resp: 259110

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.6

100 4.4 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

120000

100000

80000

60000

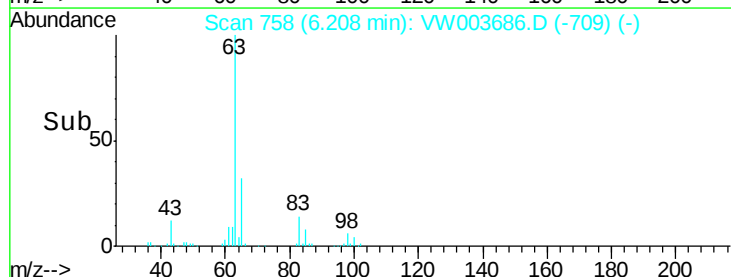
40000

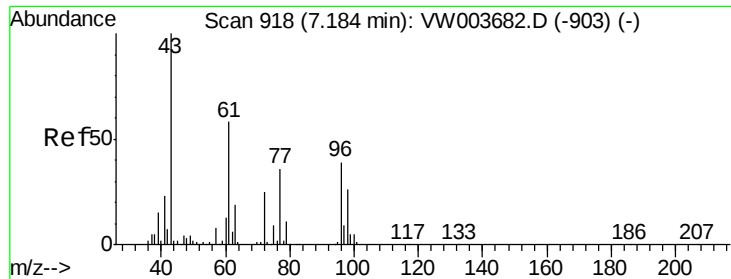
20000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 243.977 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

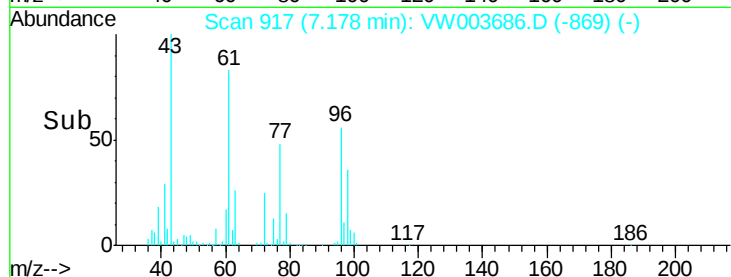
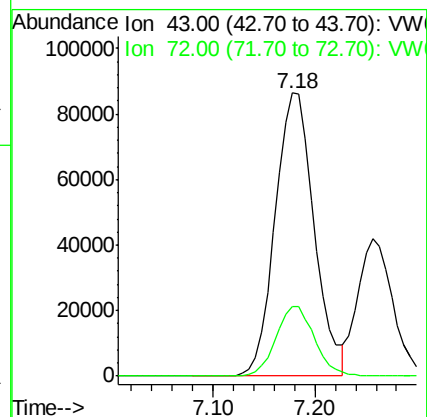
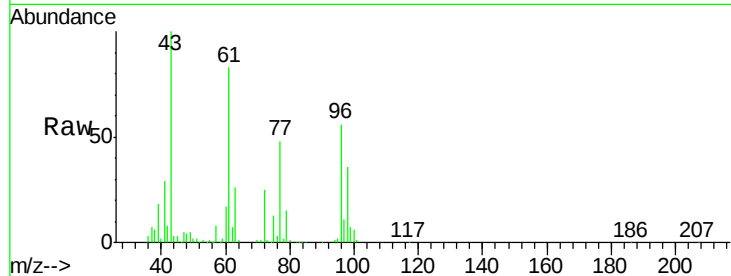
ICVW070218

Tgt Ion: 43 Resp: 228930

Ion Ratio Lower Upper

43 100

72 24.6 20.2 30.4



#26

2,2-Dichloropropane

Concen: 46.188 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003686.D

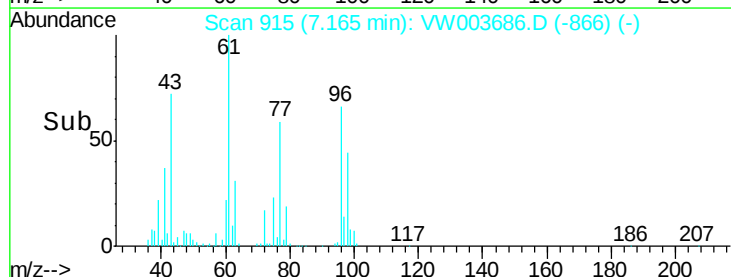
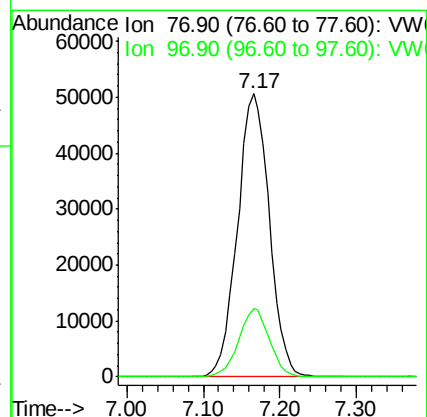
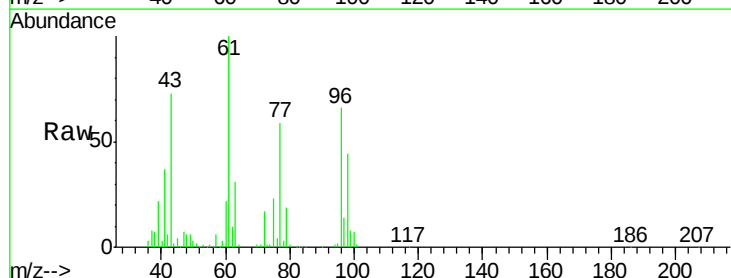
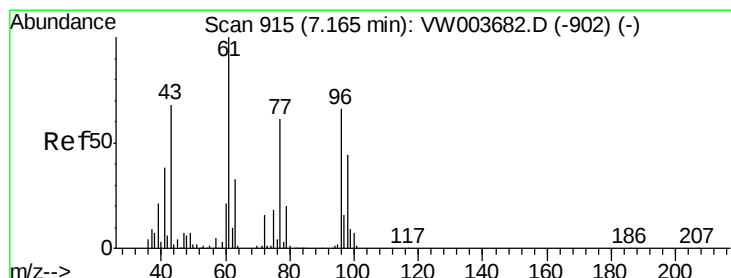
Acq: 02 Jul 2018 20:00

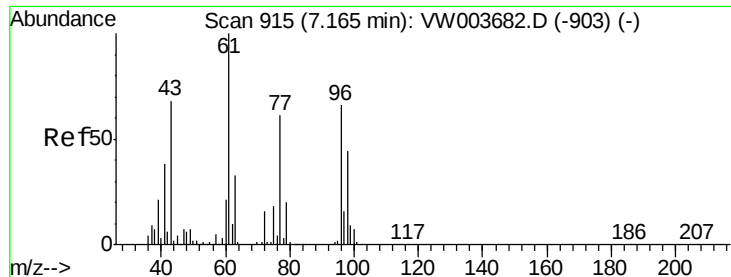
Tgt Ion: 77 Resp: 145974

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1

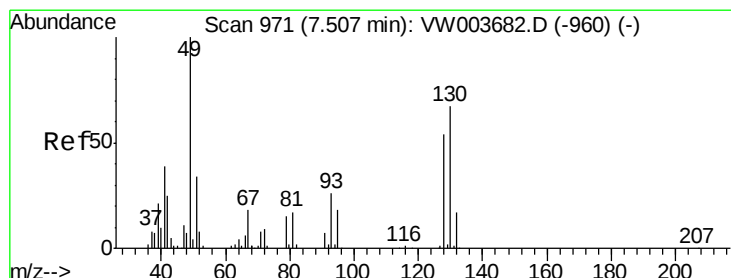
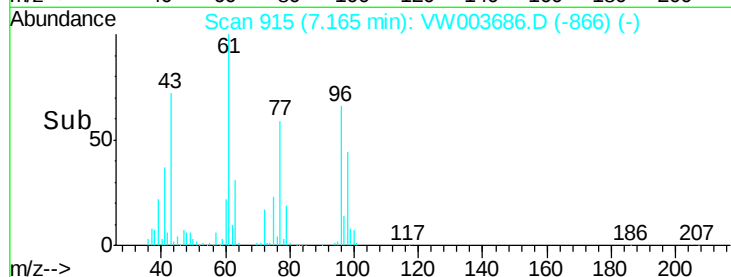
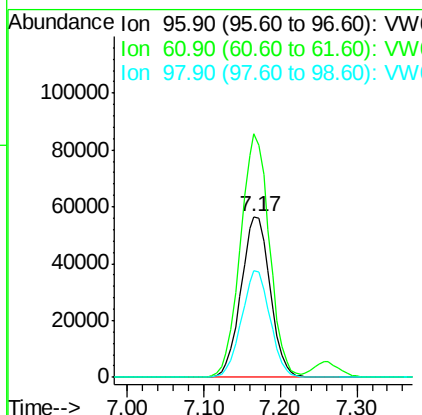
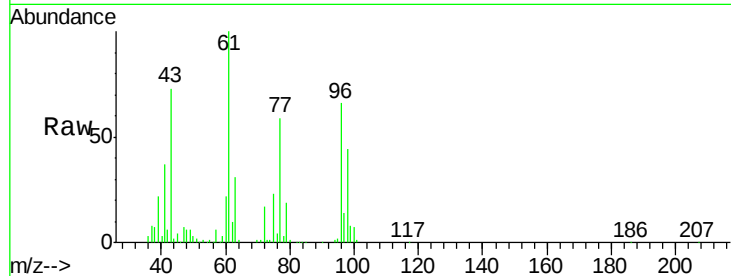




#27
 cis-1,2-Dichloroethene
 Concen: 50.820 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

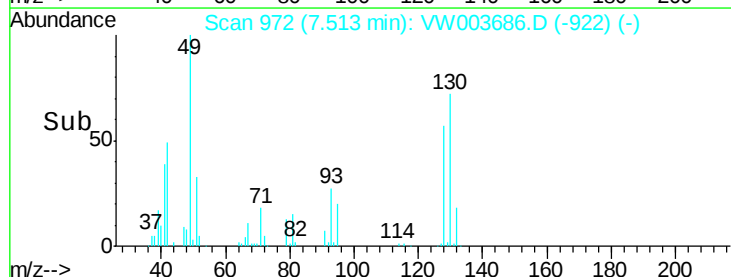
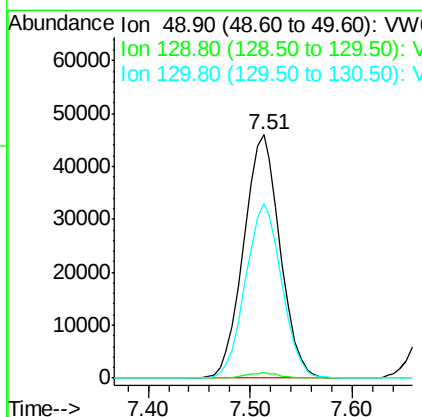
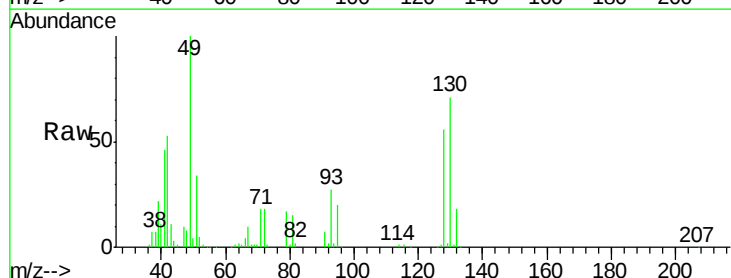
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

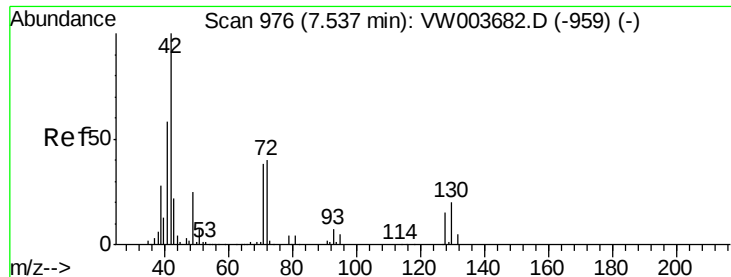
Tgt Ion: 96 Resp: 149403
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 305.0
 98 65.3 0.0 129.6



#28
 Bromochloromethane
 Concen: 50.273 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion: 49 Resp: 113904
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.0
 130 71.6 57.0 85.6

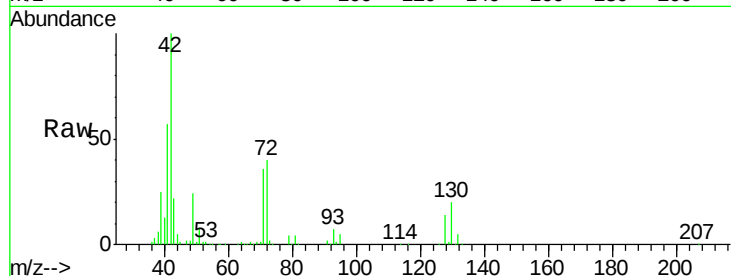




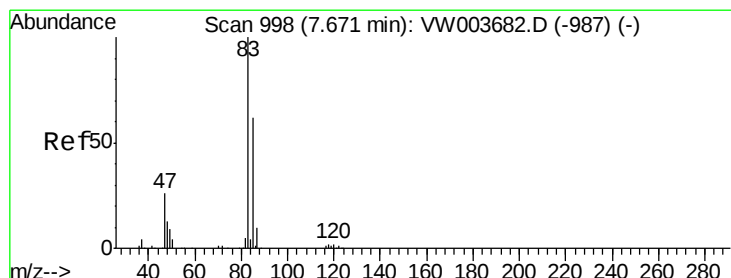
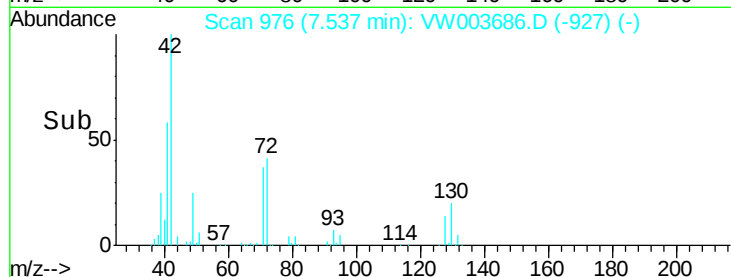
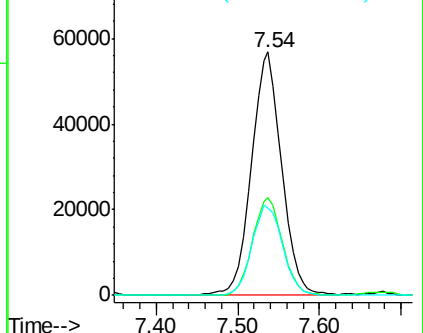
#29
Tetrahydrofuran
Concen: 258.673 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tgt Ion: 42 Resp: 145498
Ion Ratio Lower Upper
42 100
72 40.2 32.0 48.0
71 38.0 30.2 45.2

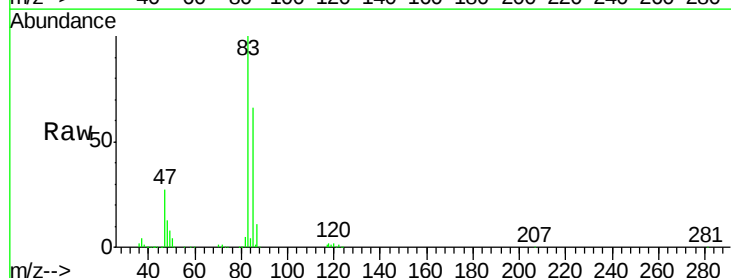


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

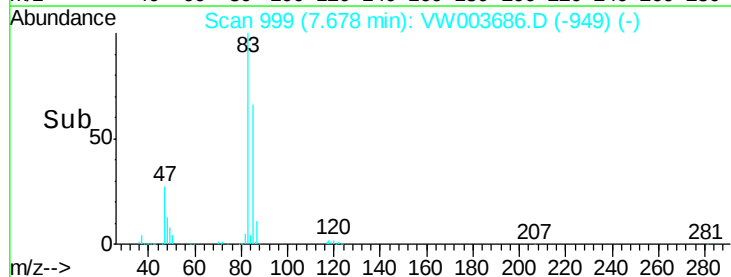
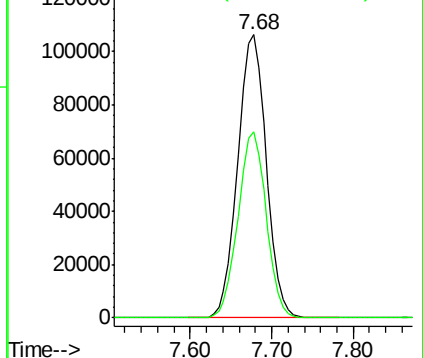


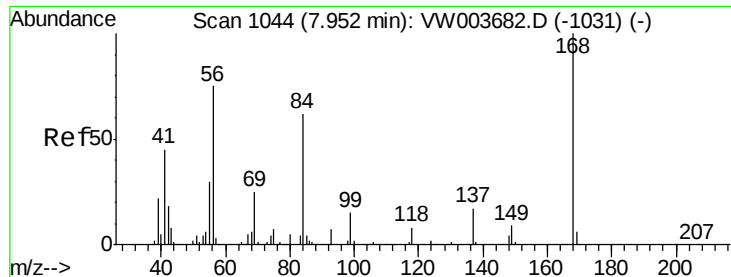
#30
Chloroform
Concen: 49.548 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 83 Resp: 258243
Ion Ratio Lower Upper
83 100
85 65.8 49.7 74.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

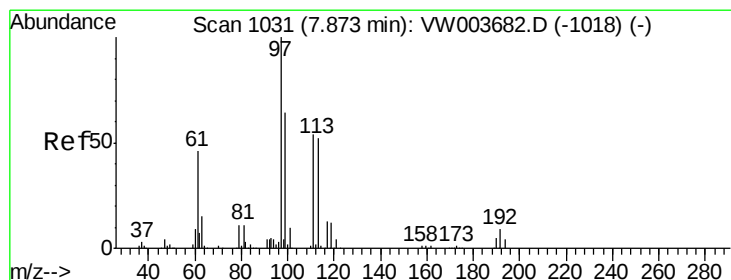
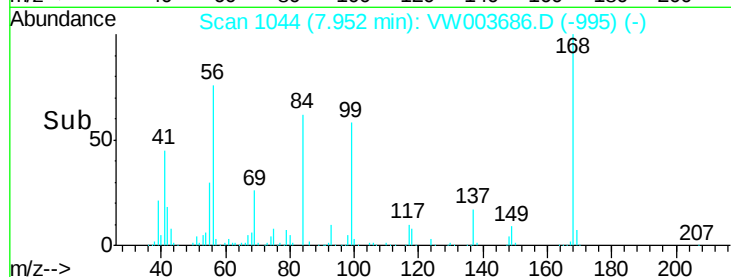
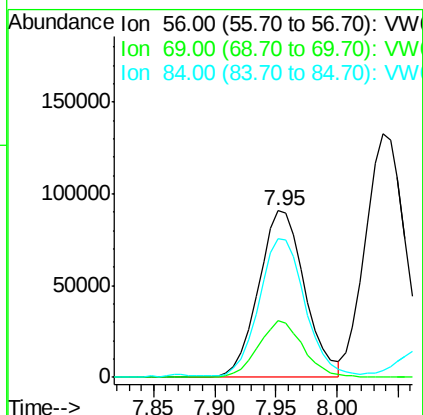
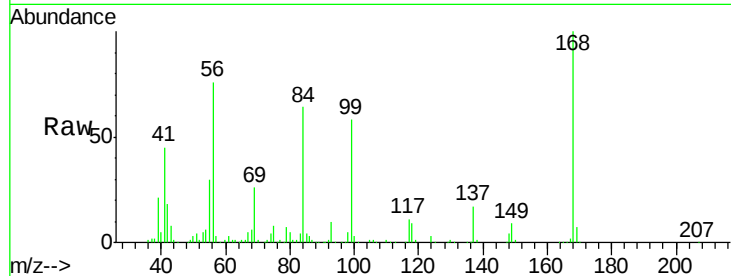




#31
Cyclohexane
Concen: 50.933 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

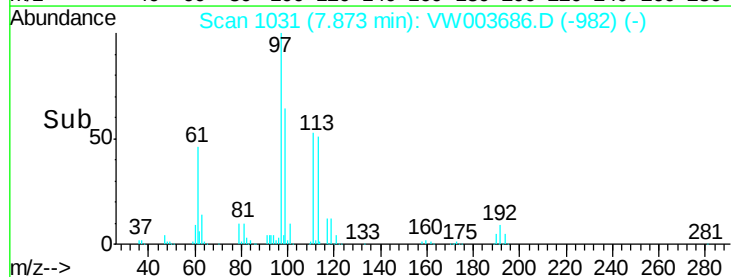
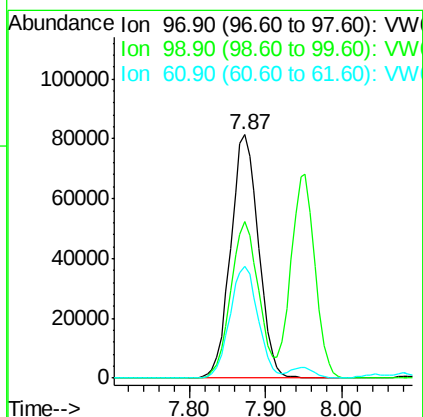
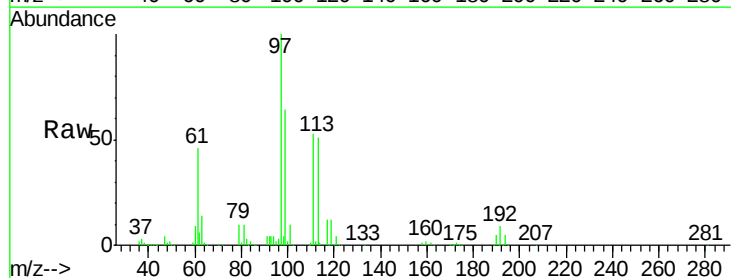
Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

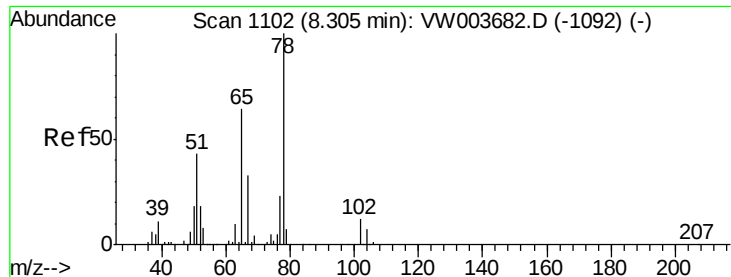
Tgt Ion: 56 Resp: 239036
Ion Ratio Lower Upper
56 100
69 34.3 27.0 40.4
84 82.3 65.4 98.0



#32
1,1,1-Trichloroethane
Concen: 50.409 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 97 Resp: 204525
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 46.4 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 52.016 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

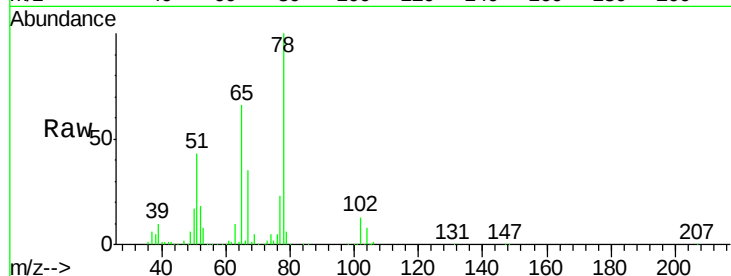
ICVW070218

Tgt Ion: 65 Resp: 159685

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

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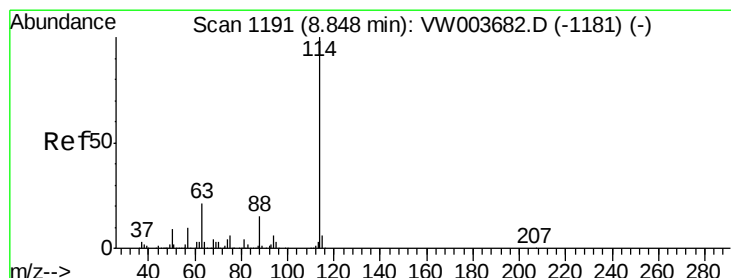
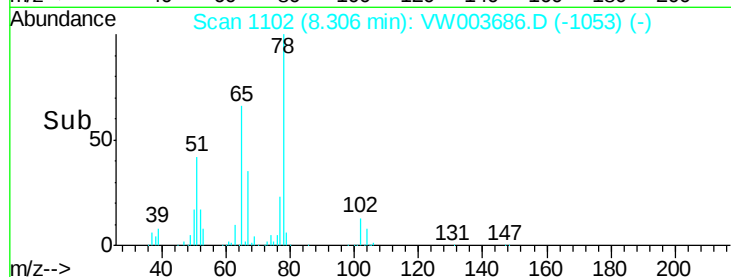
8.31

8.31

8.31

8.31

8.31



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

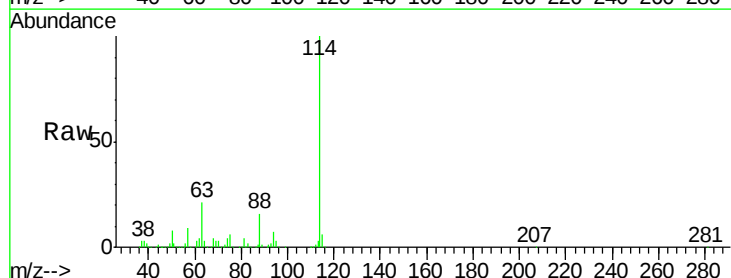
Tgt Ion: 114 Resp: 408162

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

88 15.5 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

8.85

8.85

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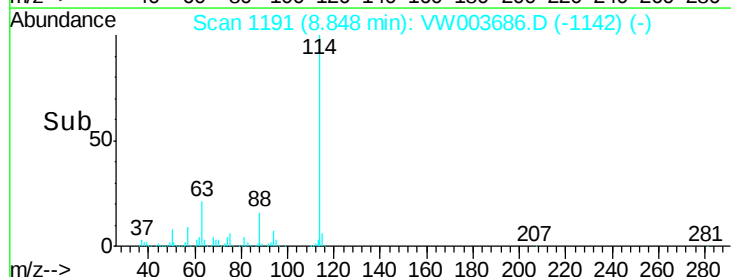
8.85

8.85

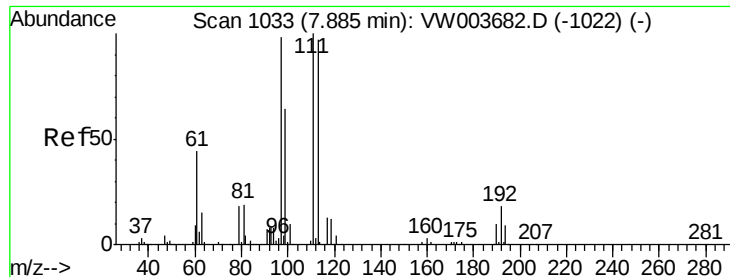
8.85

8.85

8.85



Time-->



#35

Dibromofluoromethane

Concen: 51.623 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

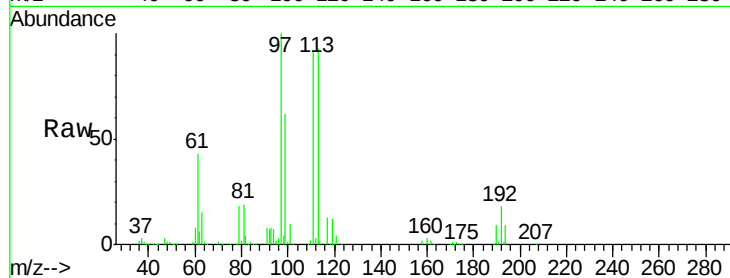
Tgt Ion: 113 Resp: 137424

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

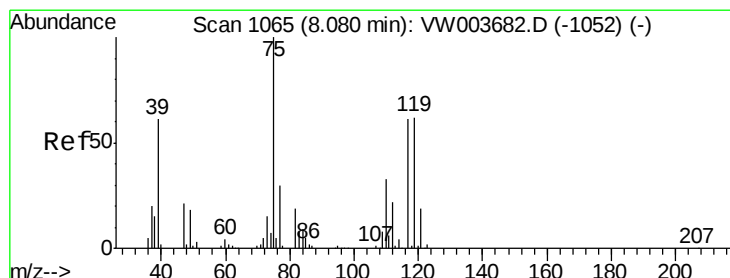
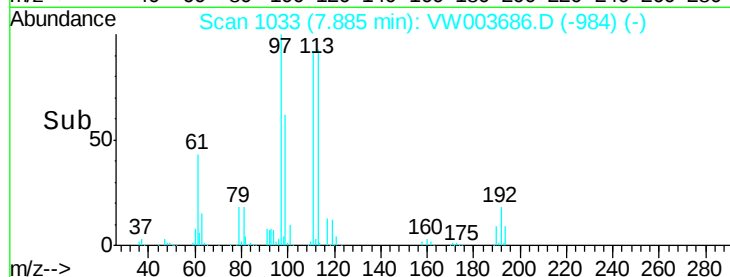
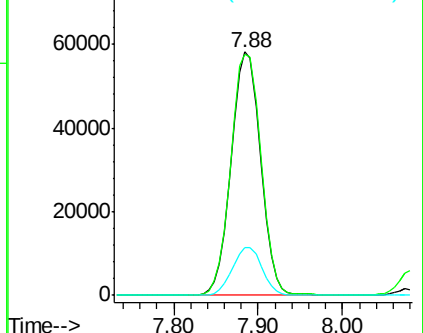
192 19.8 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.590 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

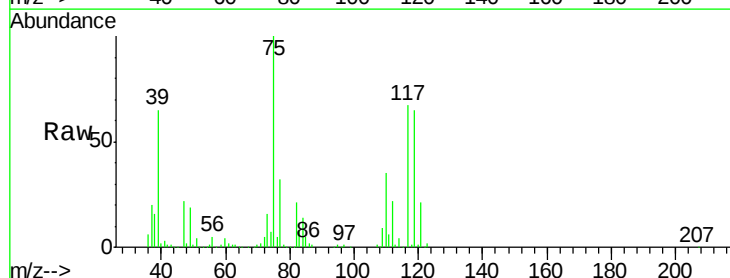
Tgt Ion: 75 Resp: 211381

Ion Ratio Lower Upper

75 100

110 34.0 16.9 50.6

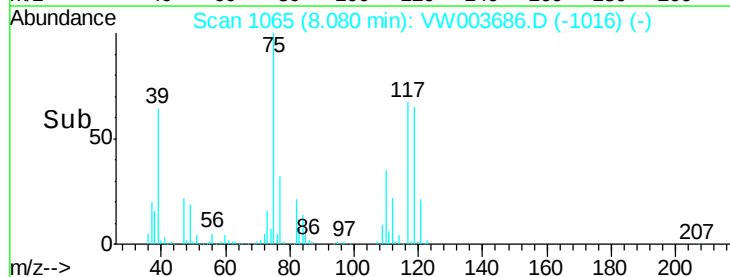
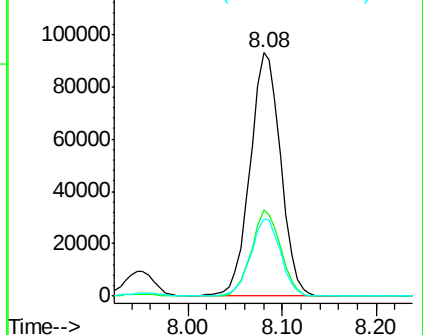
77 31.4 24.9 37.3

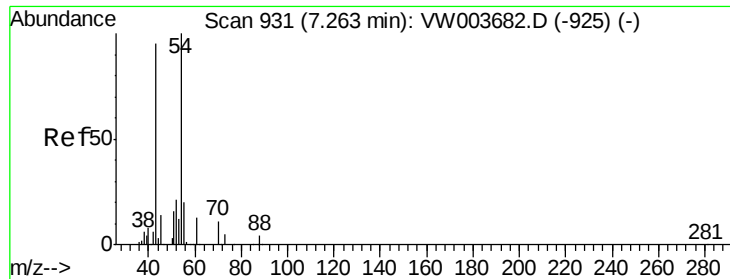


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

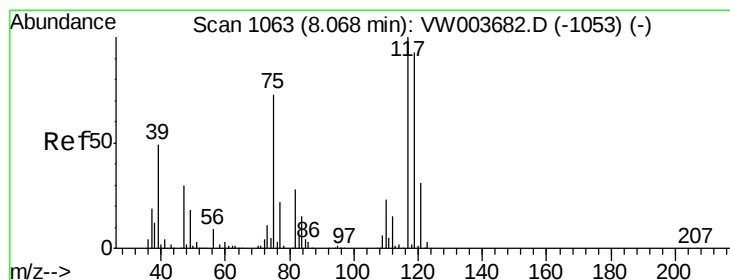
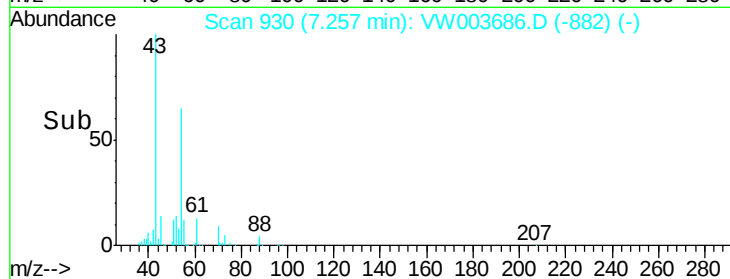
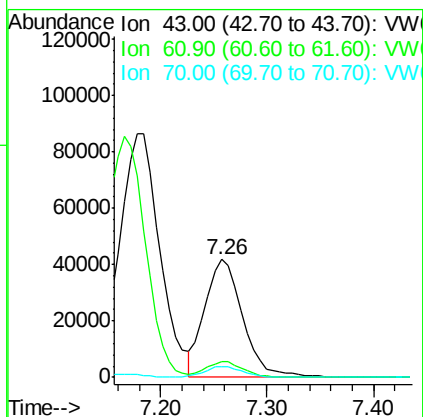
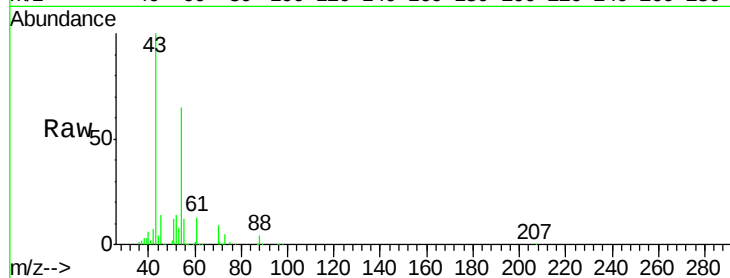




#37
Ethyl Acetate
Concen: 51.047 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

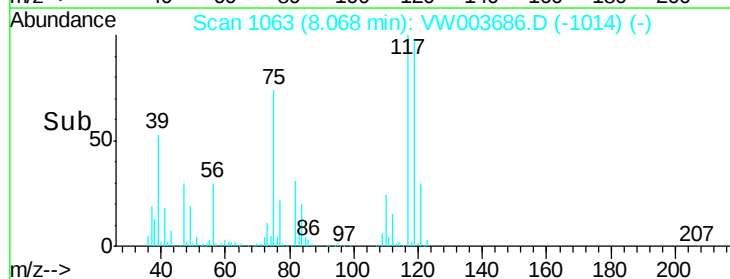
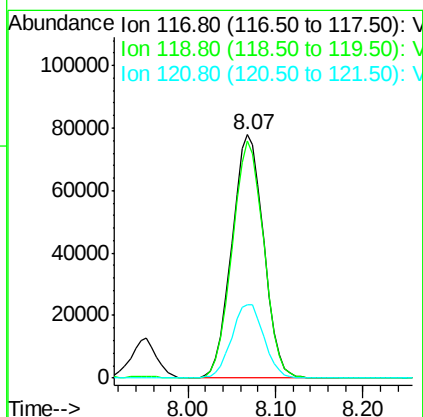
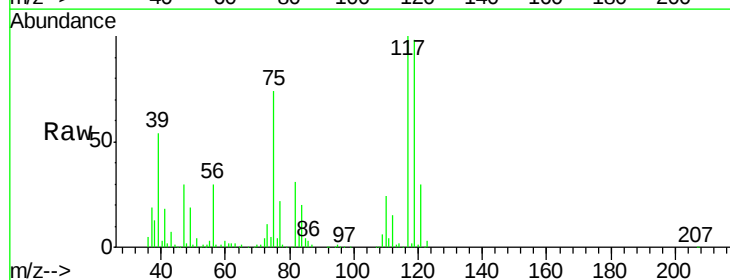
Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

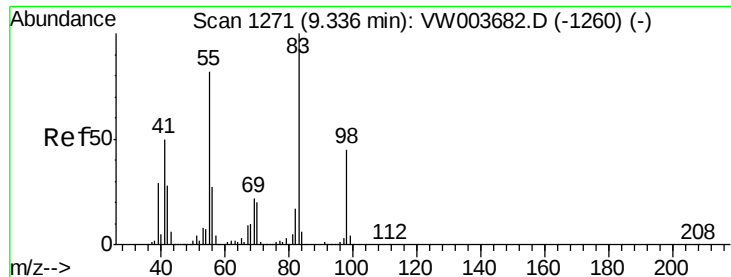
Tgt Ion: 43 Resp: 101806
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.436 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 117 Resp: 196586
Ion Ratio Lower Upper
117 100
119 97.6 74.1 111.1
121 30.4 25.0 37.4

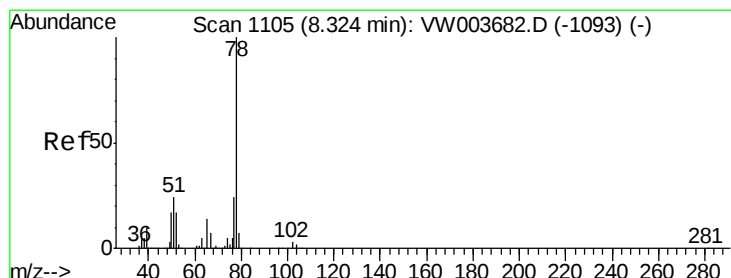
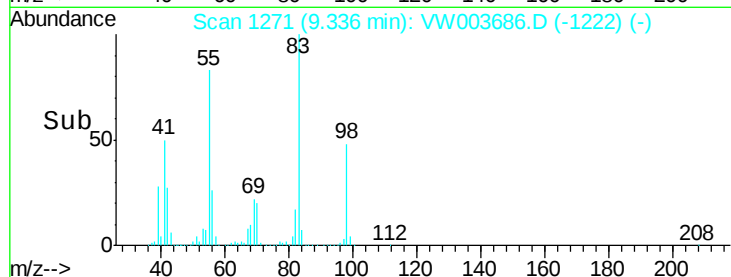
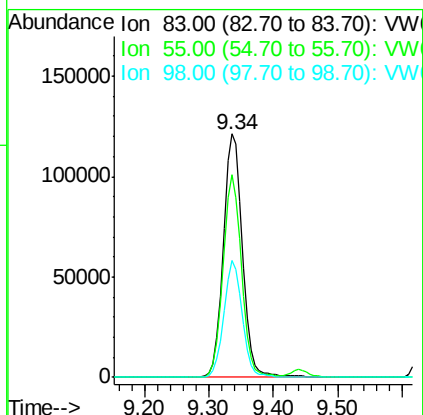
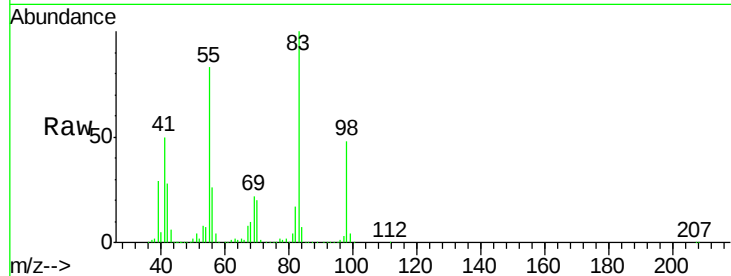




#39
Methylcyclohexane
Concen: 54.183 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

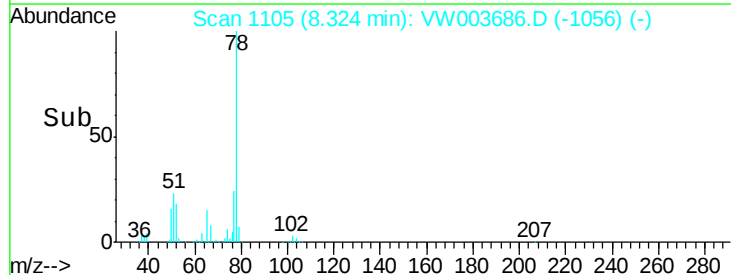
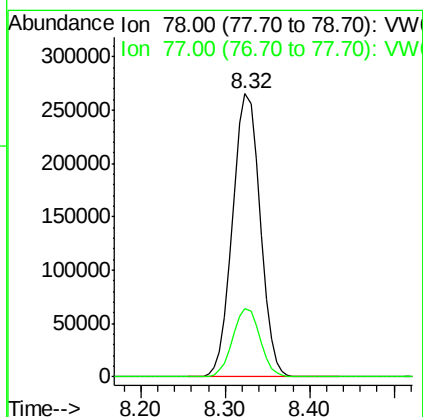
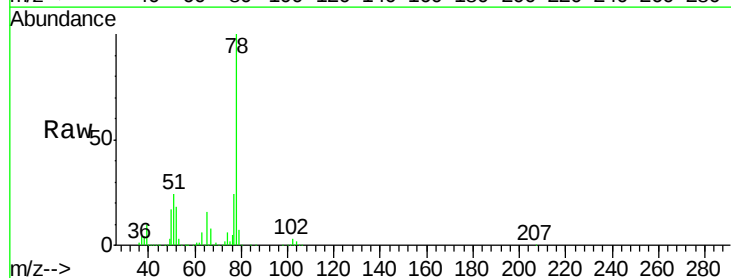
Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

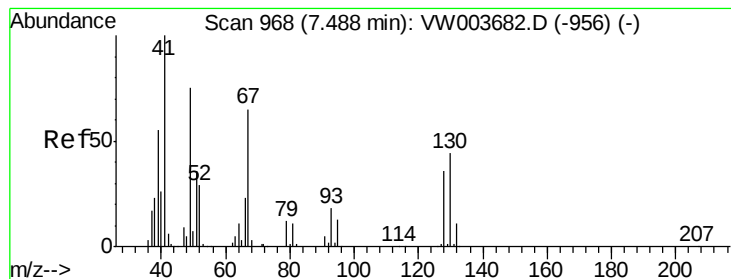
Tgt Ion: 83 Resp: 255652
Ion Ratio Lower Upper
83 100
55 83.5 65.3 97.9
98 47.8 36.3 54.5



#40
Benzene
Concen: 50.869 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 78 Resp: 585804
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41

Methacrylonitrile

Concen: 52.464 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tgt Ion: 41 Resp: 59473

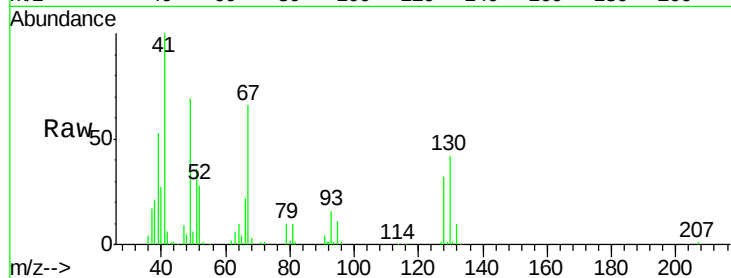
Ion Ratio Lower Upper

41 100

39 54.4 47.8 71.8

67 67.2 53.9 80.9

52 29.7 25.0 37.6

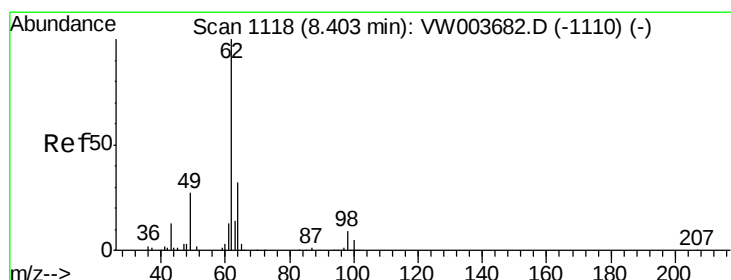
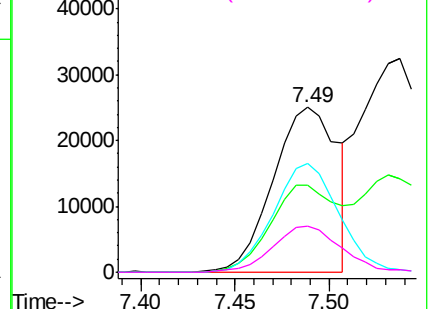
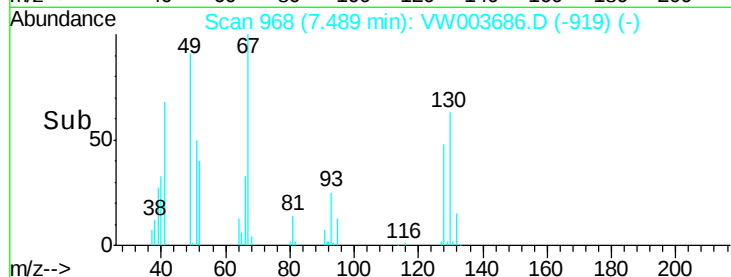


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.339 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003686.D

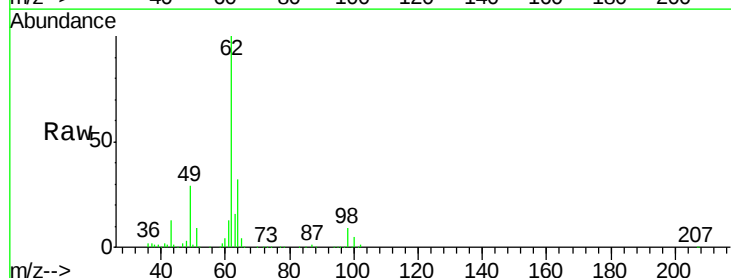
Acq: 02 Jul 2018 20:00

Tgt Ion: 62 Resp: 182534

Ion Ratio Lower Upper

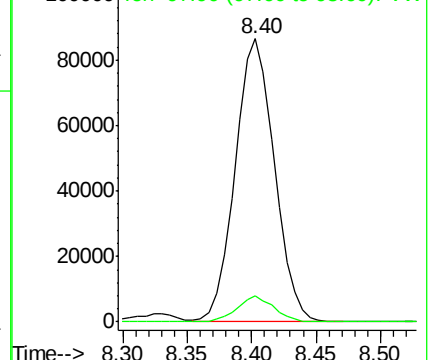
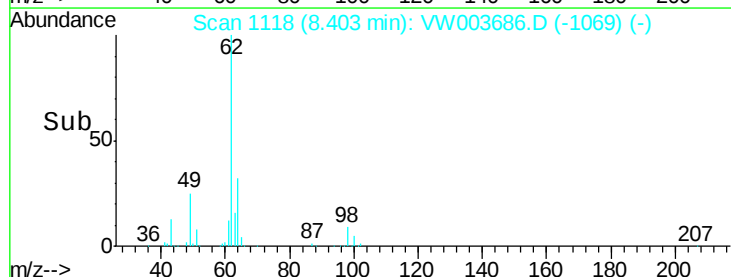
62 100

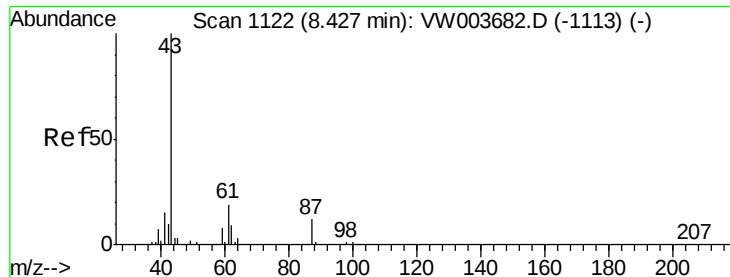
98 8.5 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.104 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

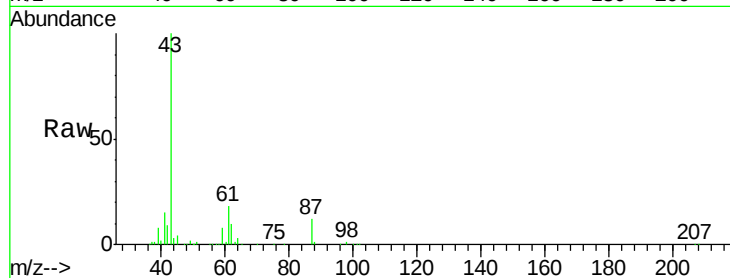
Tgt Ion: 43 Resp: 195712

Ion Ratio Lower Upper

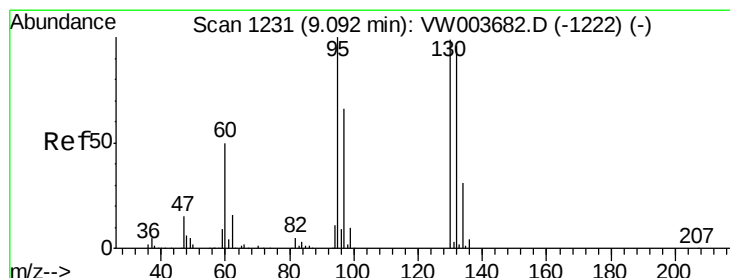
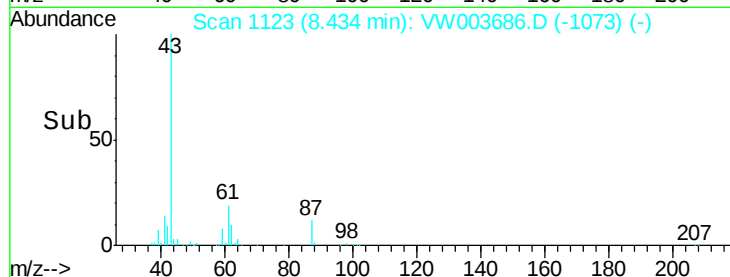
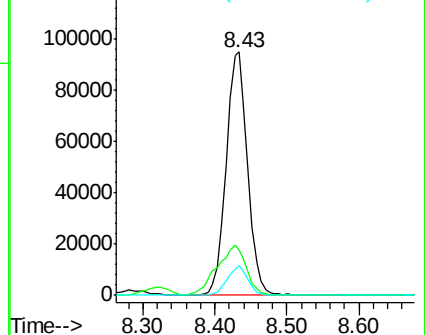
43 100

61 28.0 23.0 34.6

87 11.7 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: 50.773 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003686.D

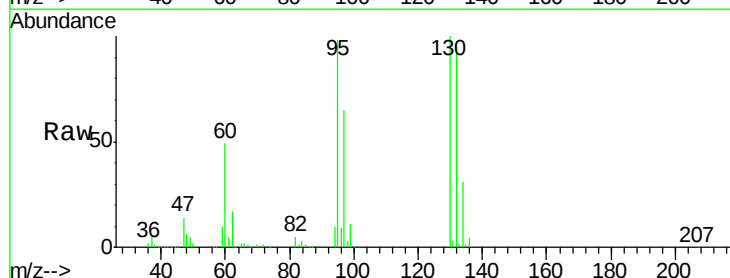
Acq: 02 Jul 2018 20:00

Tgt Ion: 130 Resp: 151151

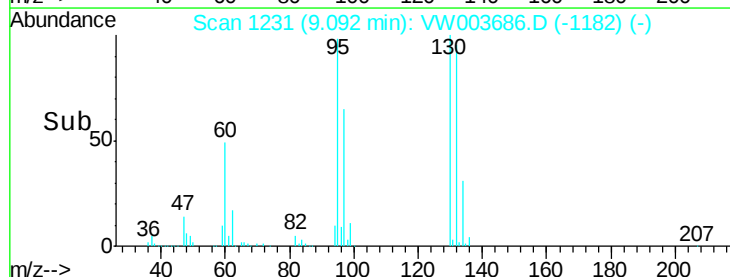
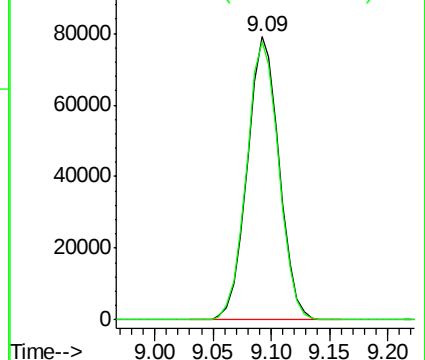
Ion Ratio Lower Upper

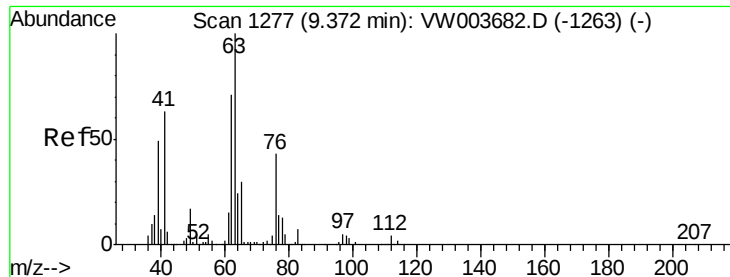
130 100

95 98.1 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: 50.532 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

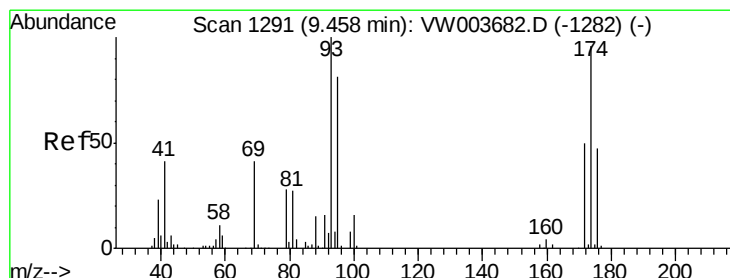
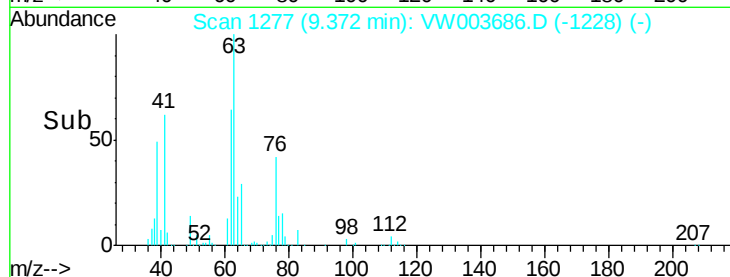
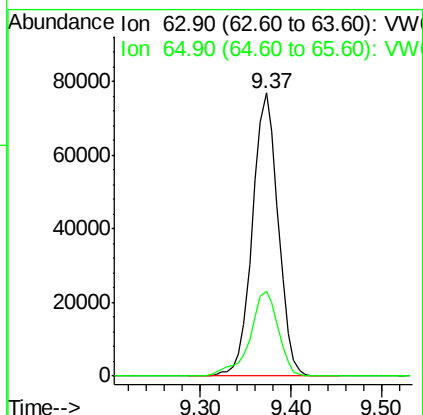
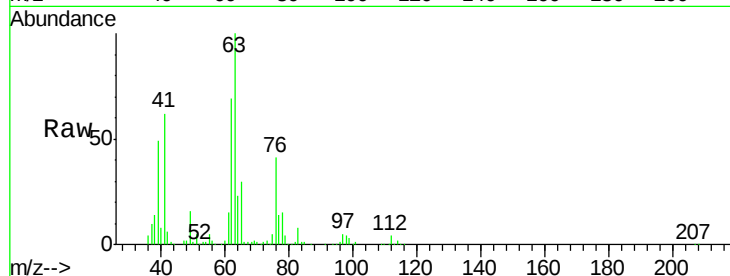
ICVW070218

Tgt Ion: 63 Resp: 150957

Ion Ratio Lower Upper

63 100

65 29.9 24.3 36.5



#46

Dibromomethane

Concen: 50.595 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

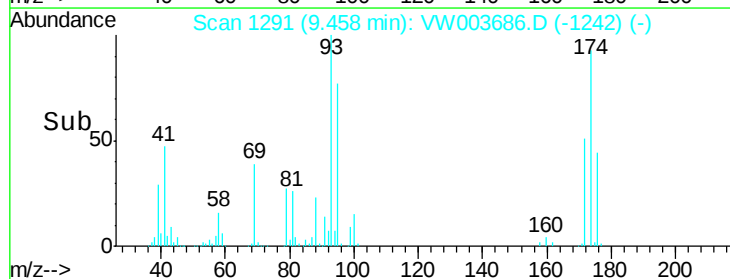
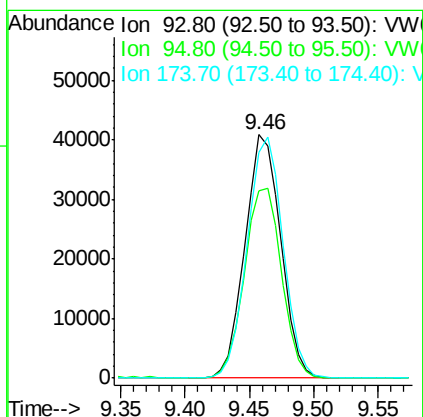
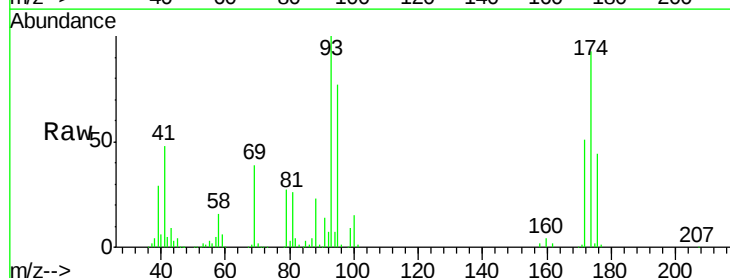
Tgt Ion: 93 Resp: 78495

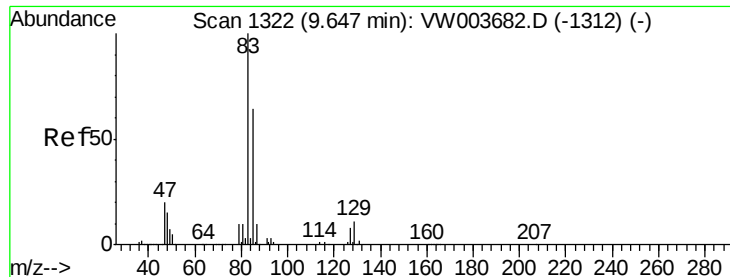
Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.4

174 99.3 79.6 119.4





#47

Bromodichloromethane

Concen: 50.076 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

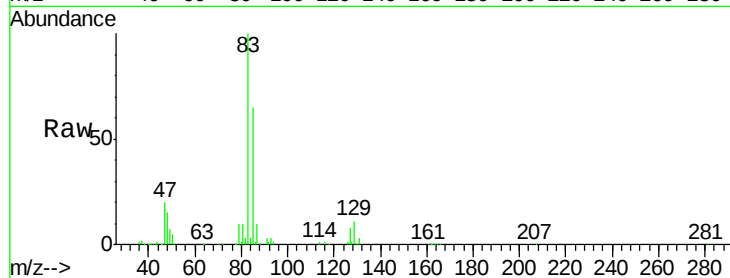
Tgt Ion: 83 Resp: 192049

Ion Ratio Lower Upper

83 100

85 65.0 51.1 76.7

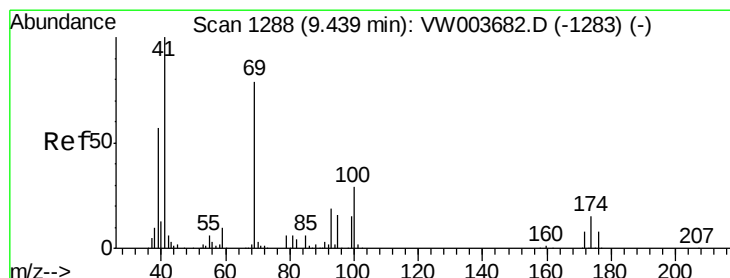
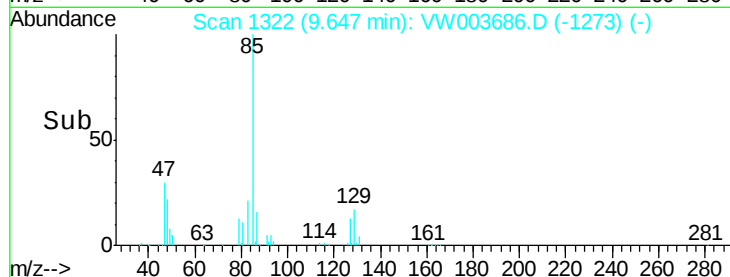
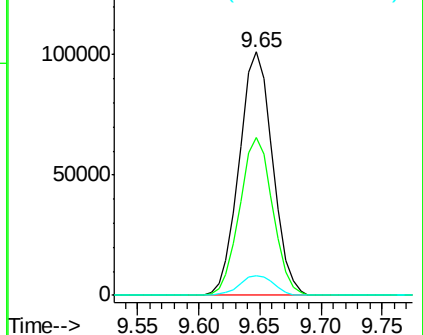
127 8.3 6.5 9.7



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: 47.651 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

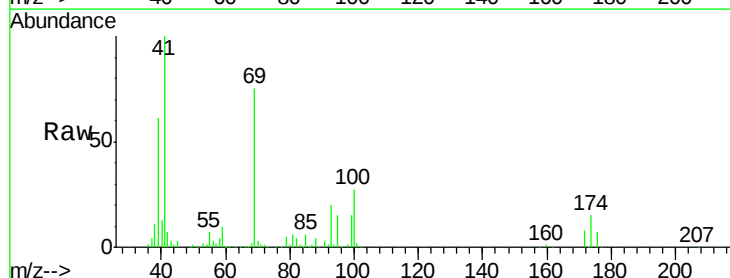
Tgt Ion: 41 Resp: 94245

Ion Ratio Lower Upper

41 100

69 80.8 65.4 98.2

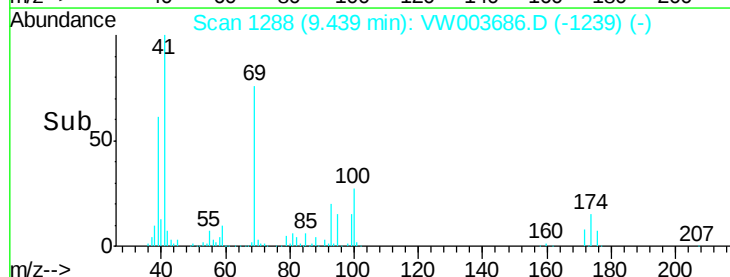
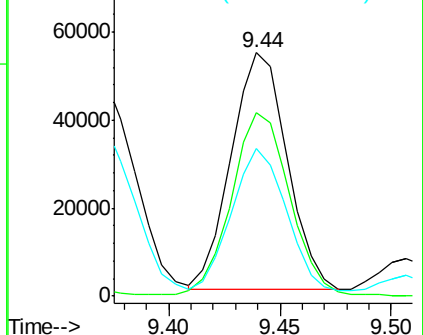
39 63.3 50.0 75.0

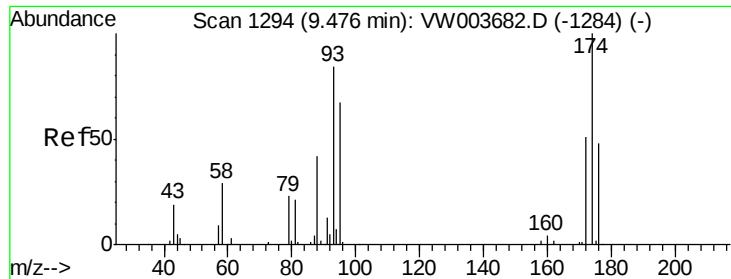


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1063.822 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

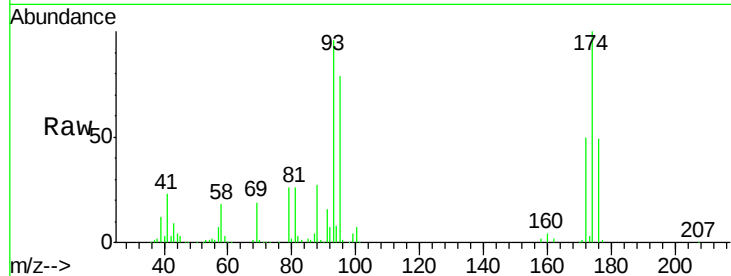
Tgt Ion: 88 Resp: 25891

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

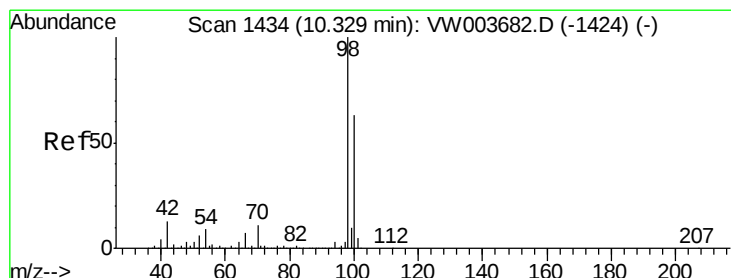
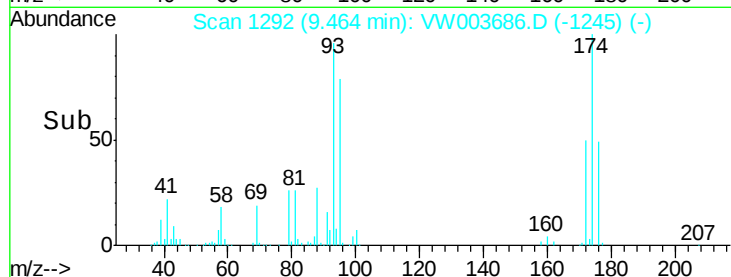
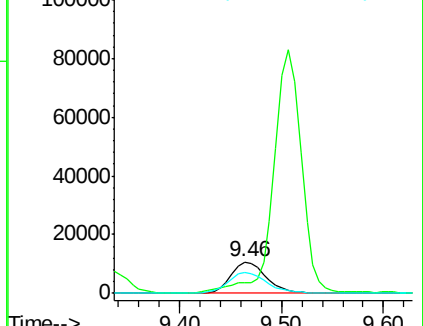
58 74.7 61.8 92.6



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: 52.902 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003686.D

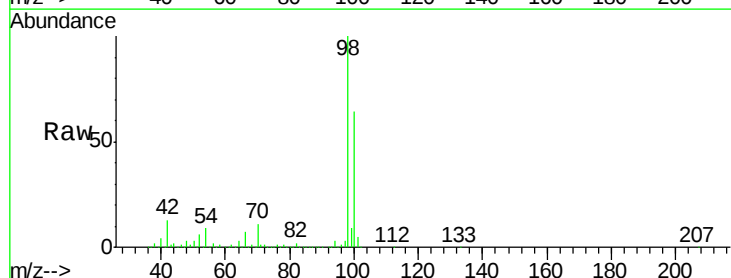
Acq: 02 Jul 2018 20:00

Tgt Ion: 98 Resp: 552844

Ion Ratio Lower Upper

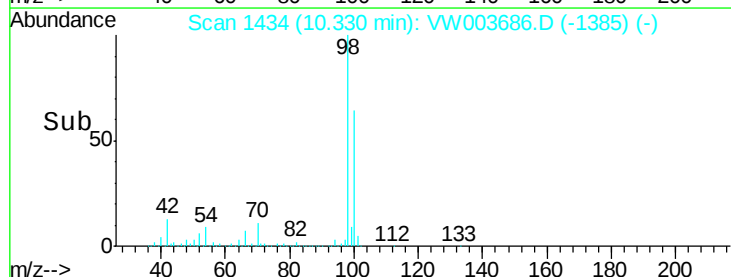
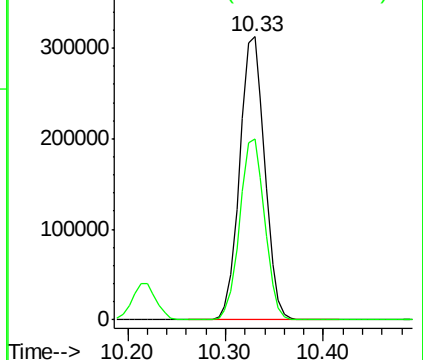
98 100

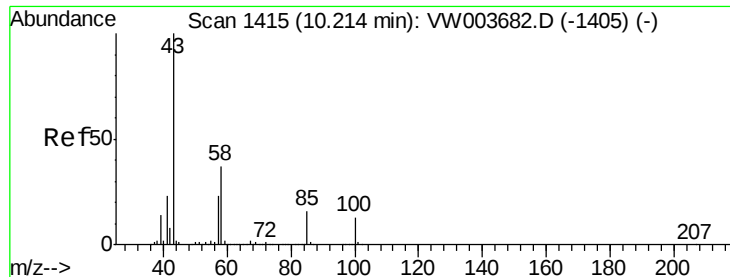
100 64.0 50.8 76.2



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: 260.147 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

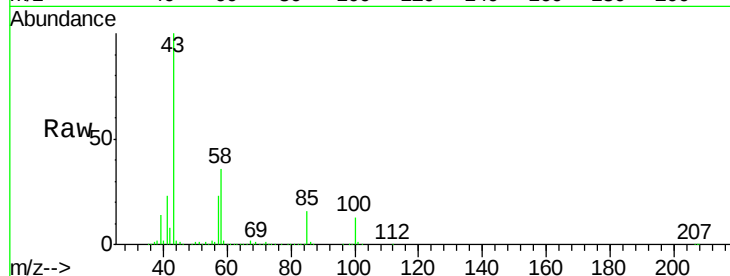
ICVW070218

Tgt Ion: 43 Resp: 514900

Ion Ratio Lower Upper

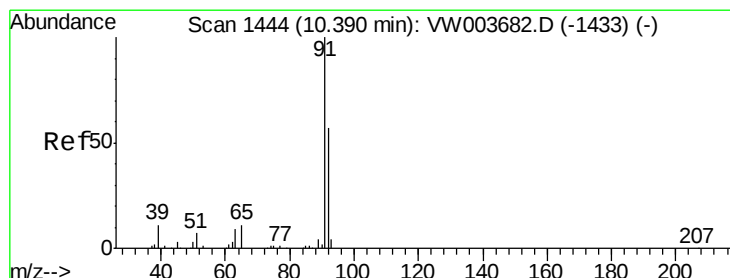
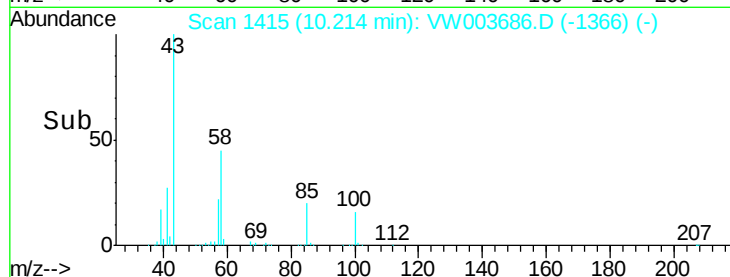
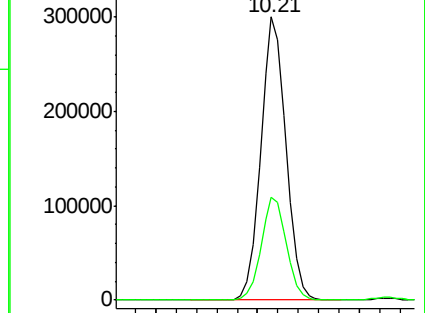
43 100

58 36.5 29.6 44.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 51.750 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003686.D

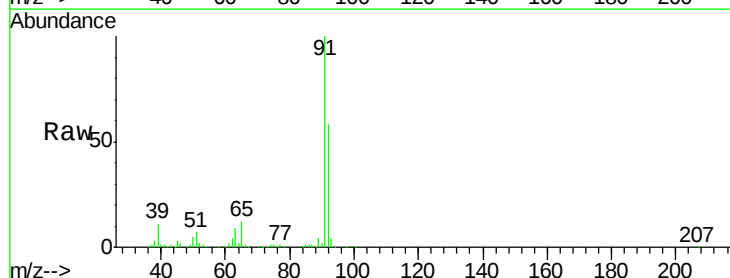
Acq: 02 Jul 2018 20:00

Tgt Ion: 92 Resp: 371906

Ion Ratio Lower Upper

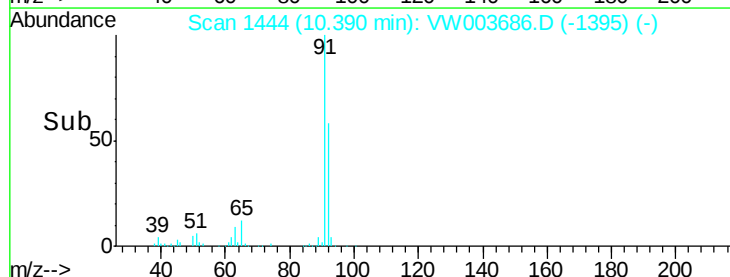
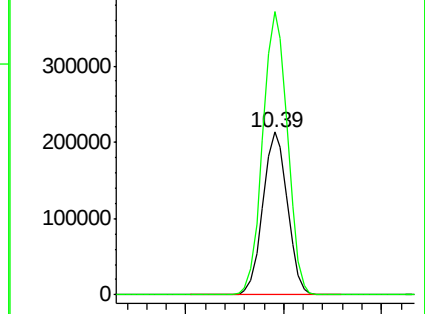
92 100

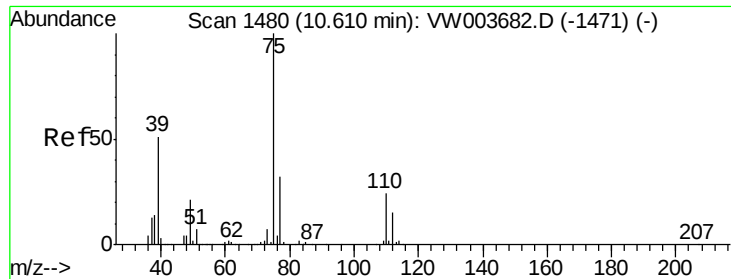
91 174.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 51.424 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampled :

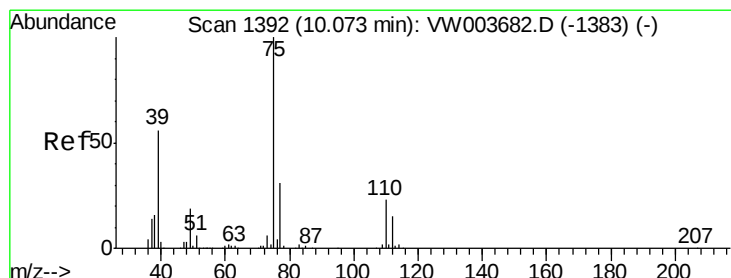
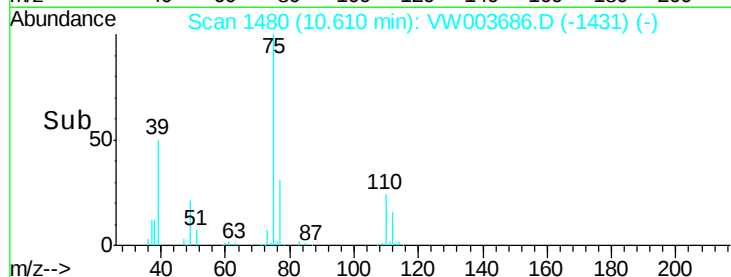
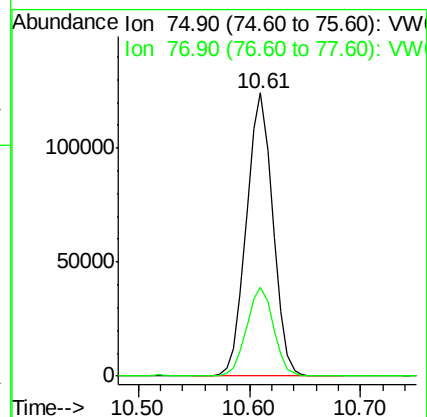
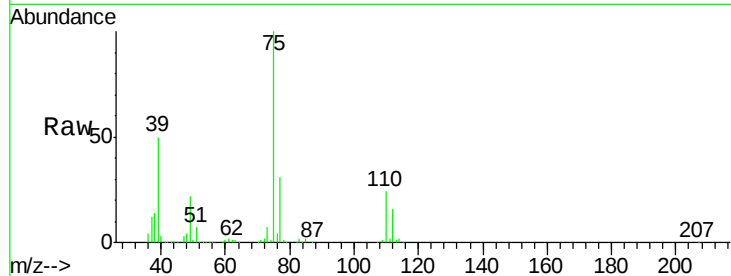
ICVW070218

Tgt Ion: 75 Resp: 204607

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.073 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

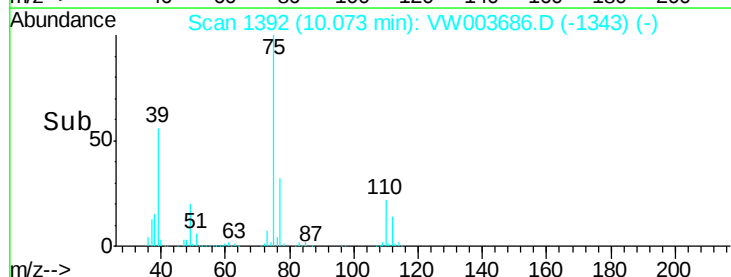
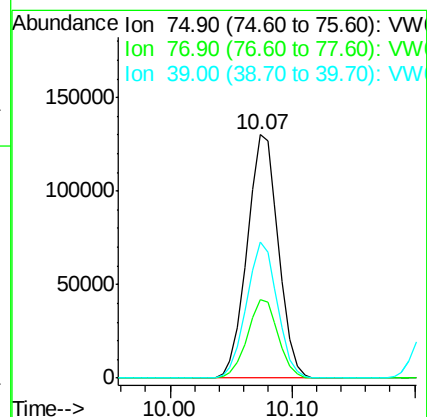
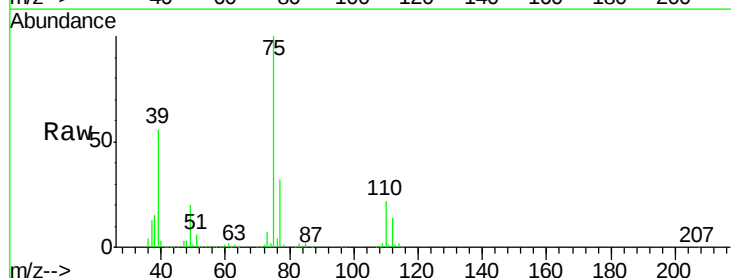
Tgt Ion: 75 Resp: 230383

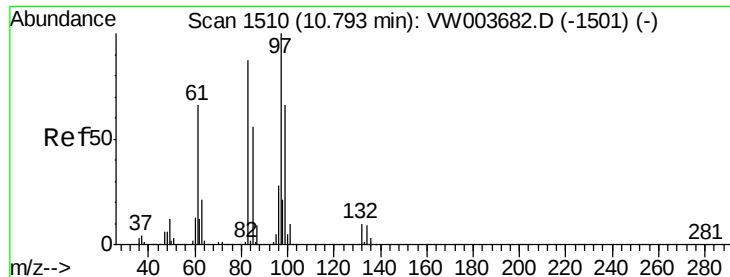
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

39 55.6 44.6 67.0





#55

1,1,2-Trichloroethane

Concen: 49.974 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tgt Ion: 97 Resp: 109232

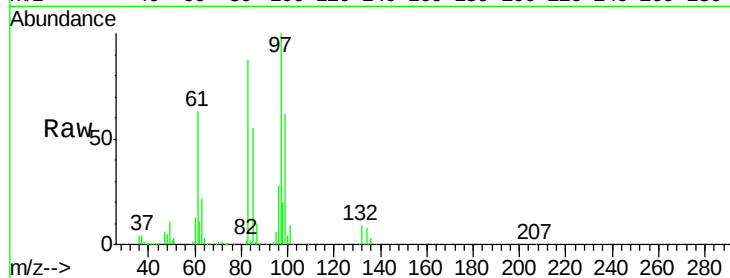
Ion Ratio Lower Upper

97 100

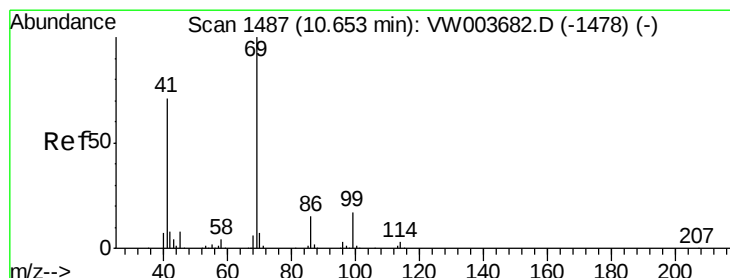
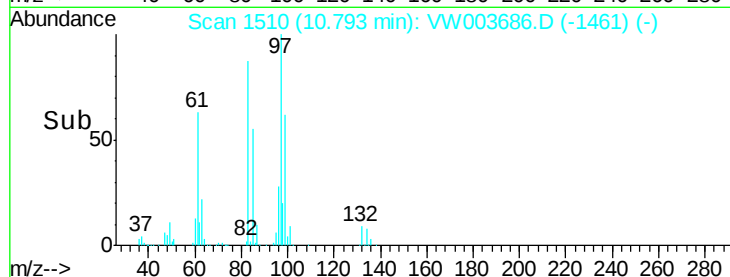
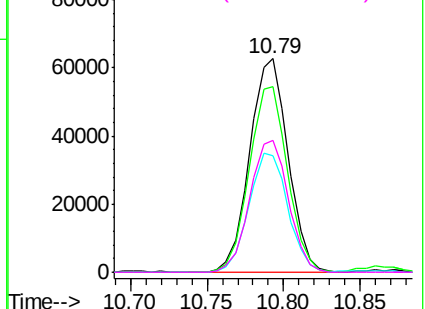
83 87.1 69.5 104.3

85 54.6 44.7 67.1

99 61.7 52.6 78.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 47.531 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

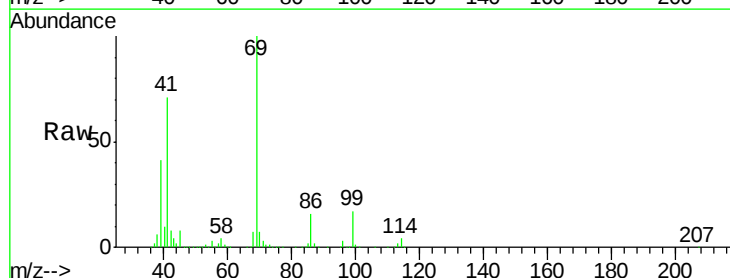
Tgt Ion: 69 Resp: 146842

Ion Ratio Lower Upper

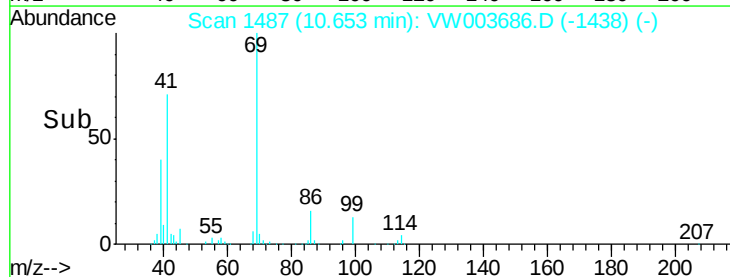
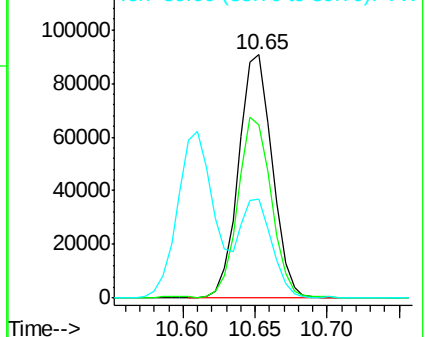
69 100

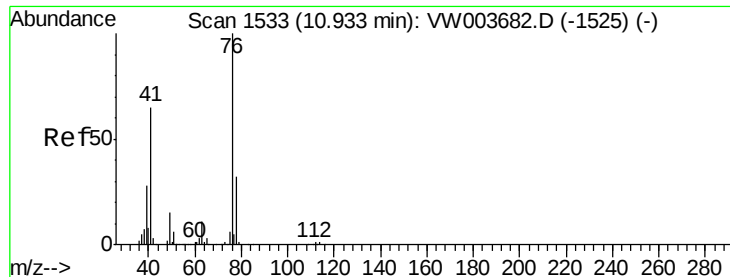
41 73.5 57.5 86.3

39 36.7 29.4 44.0



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

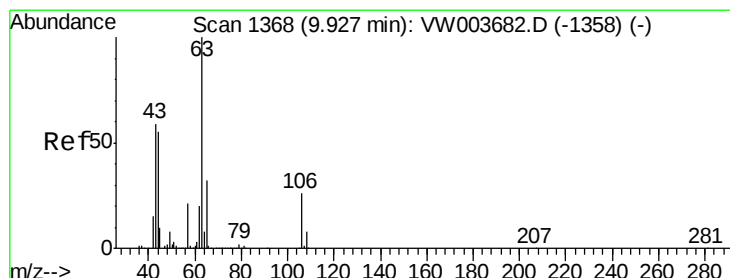
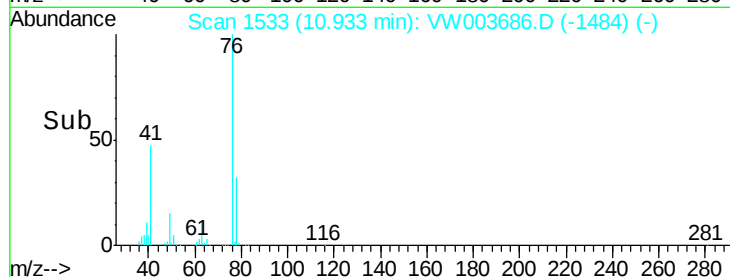
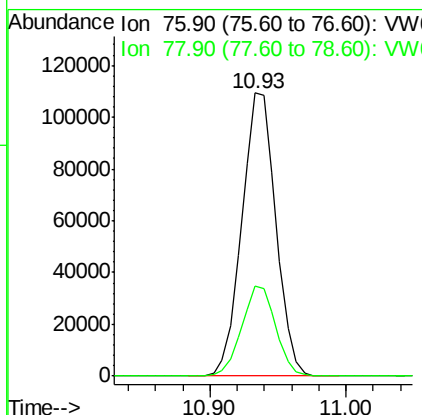
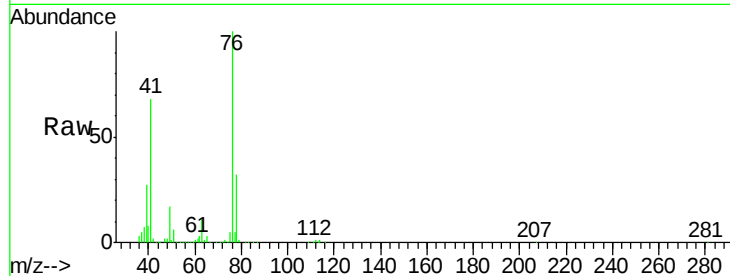




#57
 1,3-Dichloropropane
 Concen: 50.412 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

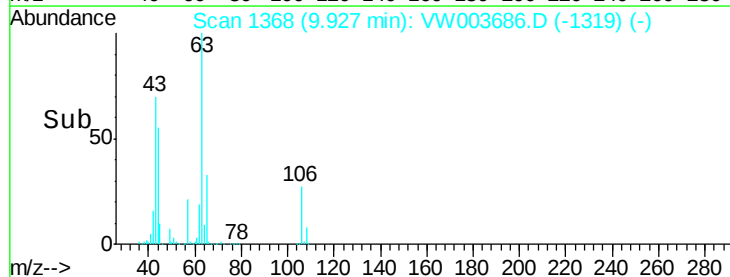
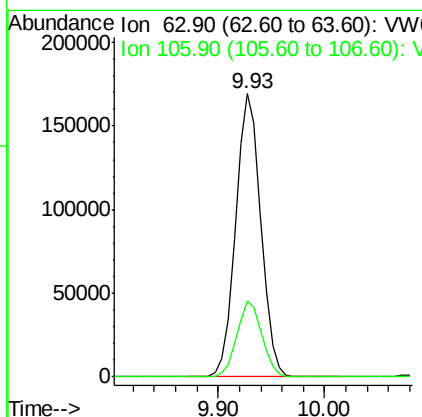
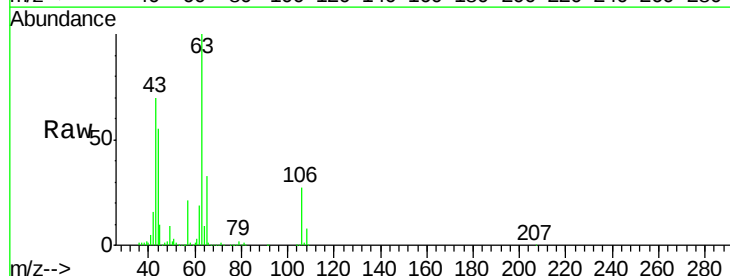
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

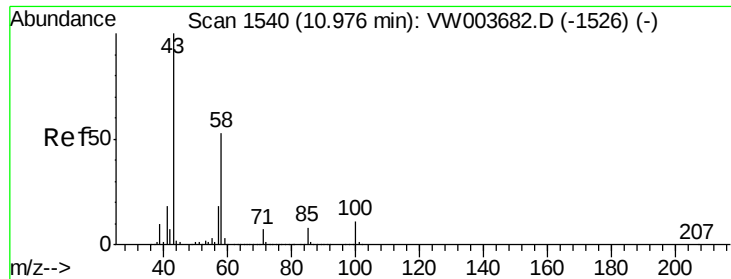
Tgt Ion: 76 Resp: 191418
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.222 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion: 63 Resp: 280657
 Ion Ratio Lower Upper
 63 100
 106 26.6 20.7 31.1

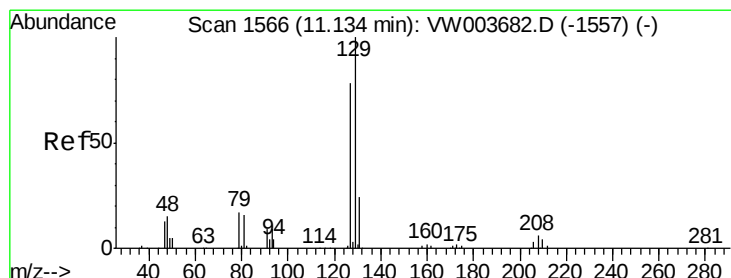
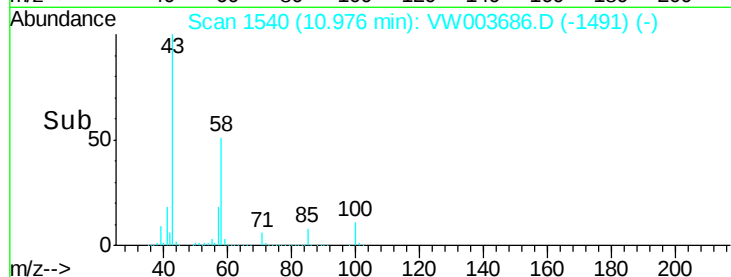
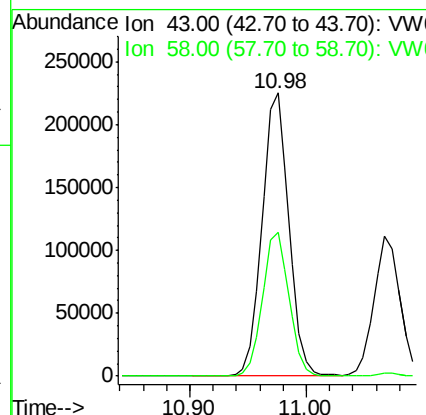
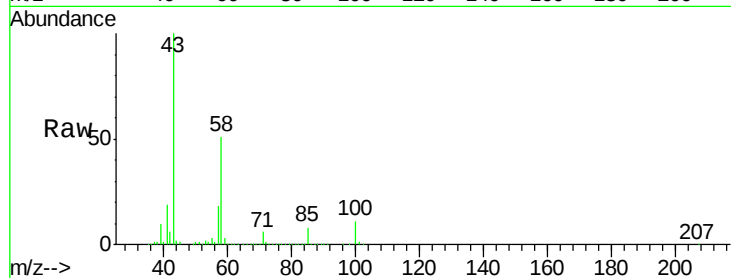




#59
2-Hexanone
Concen: 254.962 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

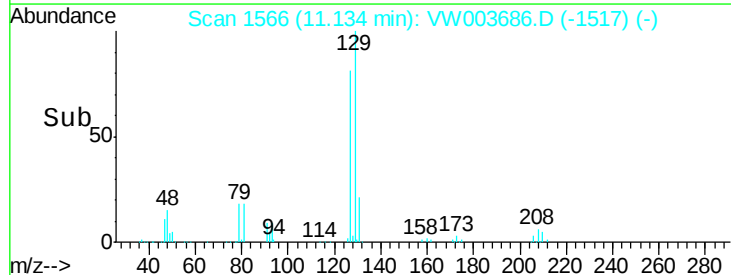
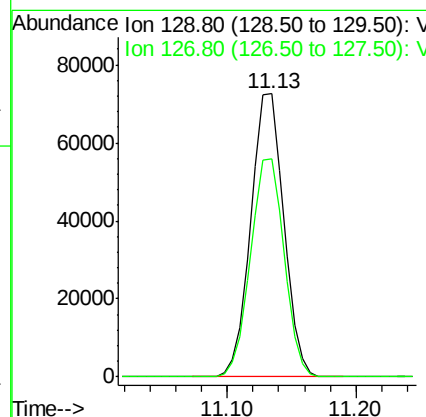
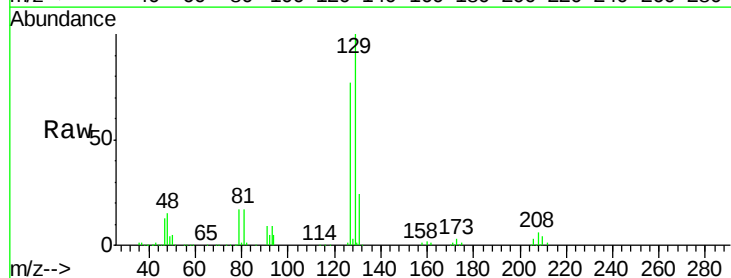
Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

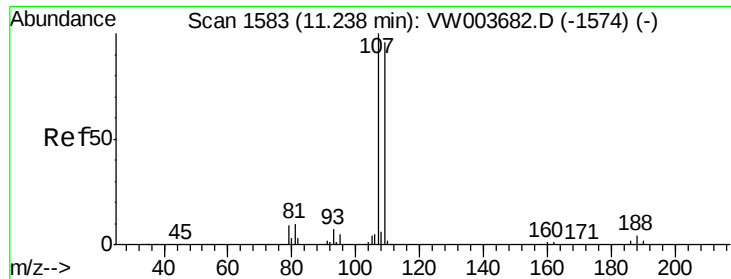
Tgt Ion: 43 Resp: 360734
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.6



#60
Dibromochloromethane
Concen: 50.223 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 129 Resp: 128331
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2

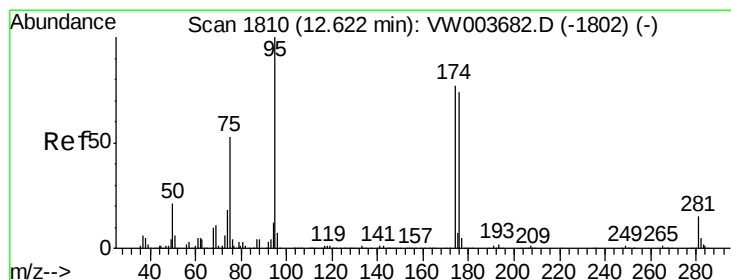
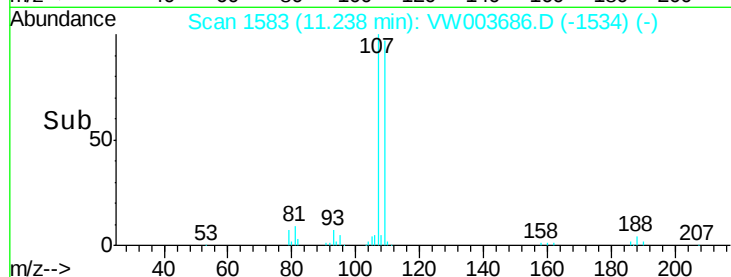
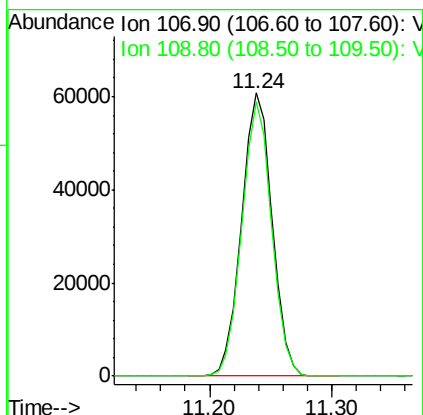
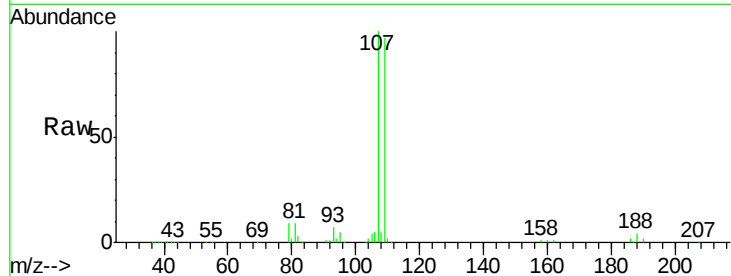




#61
 1,2-Dibromoethane
 Concen: 50.292 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

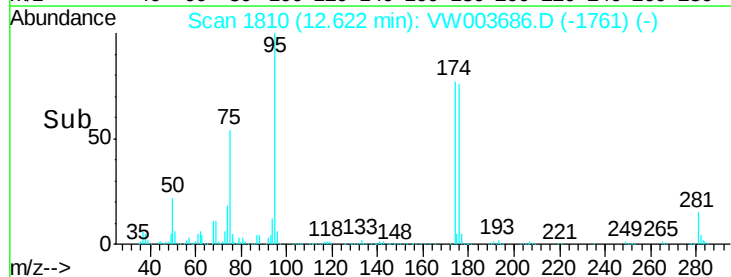
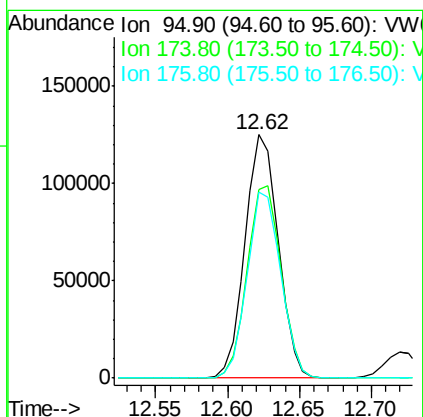
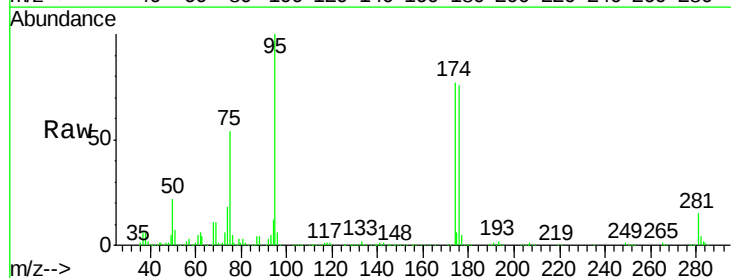
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

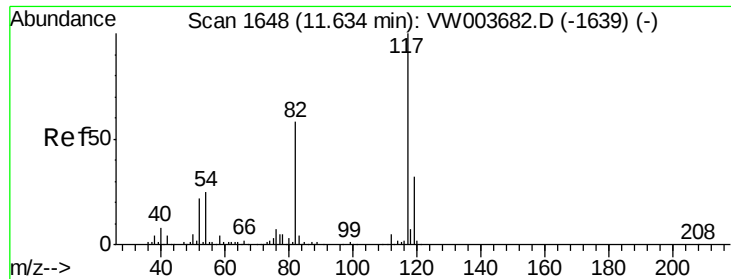
Tgt Ion: 107 Resp: 105291
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 53.086 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion: 95 Resp: 199305
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 161.2
 176 77.2 0.0 155.0

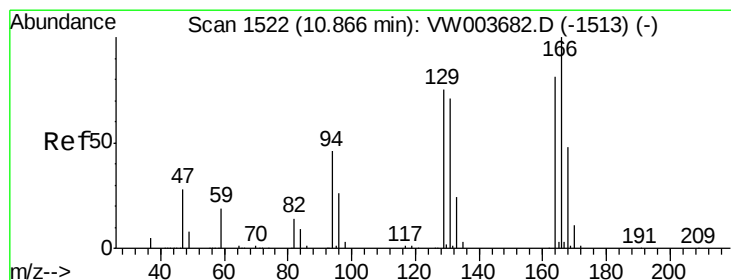
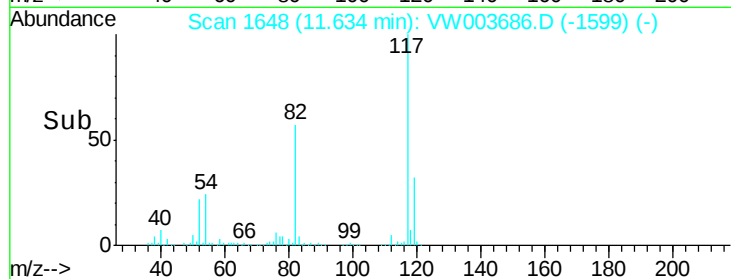
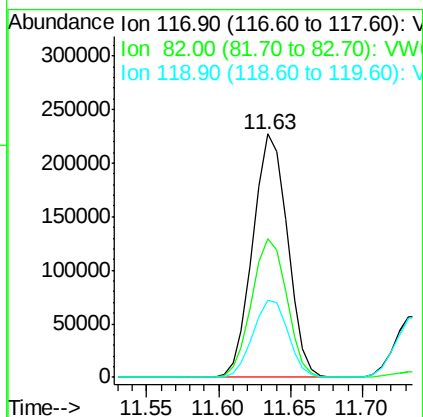
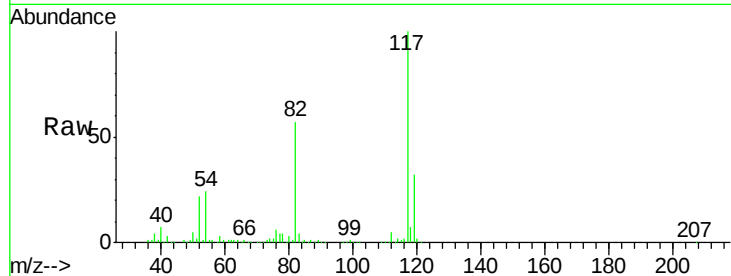




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

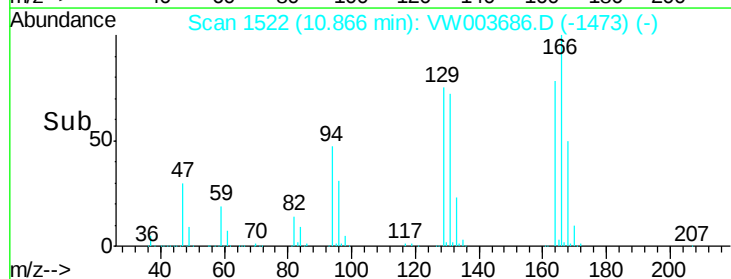
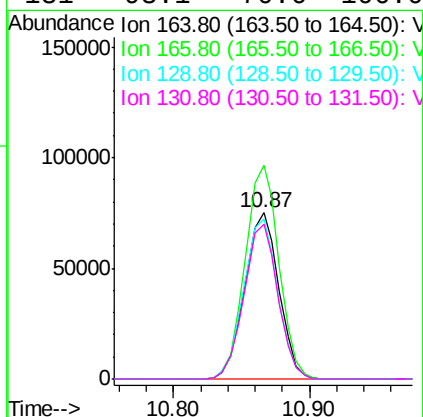
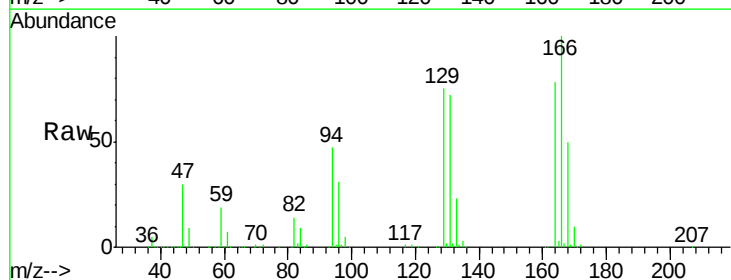
Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

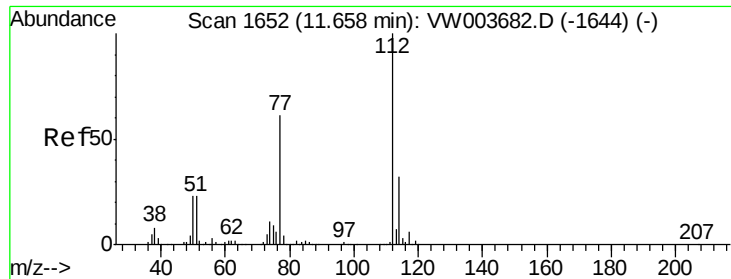
Tgt Ion:117 Resp: 379465
Ion Ratio Lower Upper
117 100
82 56.8 46.0 69.0
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 51.352 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion:164 Resp: 131705
Ion Ratio Lower Upper
164 100
166 128.5 99.0 148.4
129 96.2 73.8 110.6
131 93.1 70.6 106.0





#65

Chlorobenzene

Concen: 50.378 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

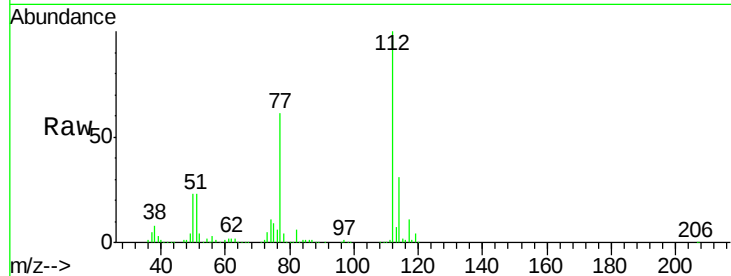
ICVW070218

Tgt Ion:112 Resp: 401907

Ion Ratio Lower Upper

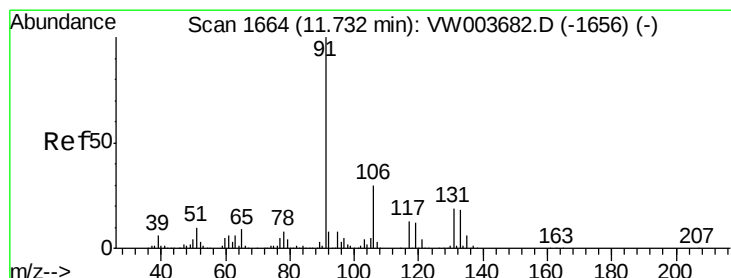
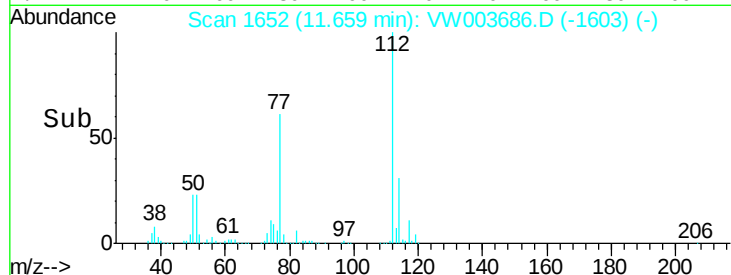
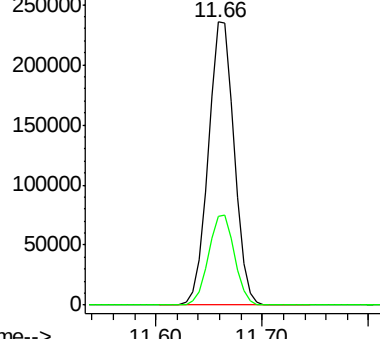
112 100

114 31.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.507 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

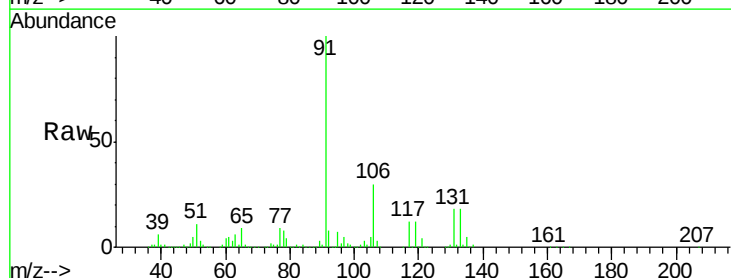
Tgt Ion:131 Resp: 140817

Ion Ratio Lower Upper

131 100

133 96.6 47.6 142.8

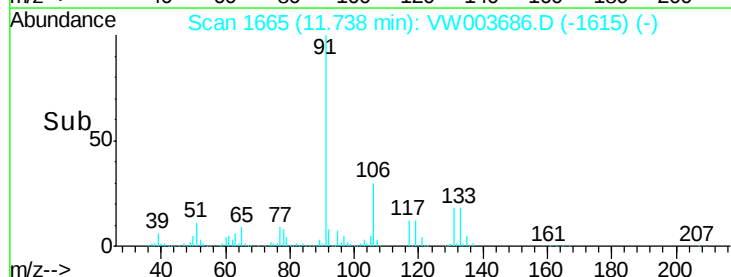
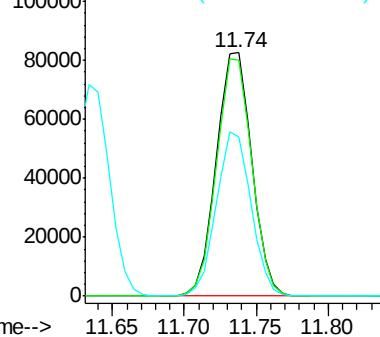
119 65.9 31.9 95.9

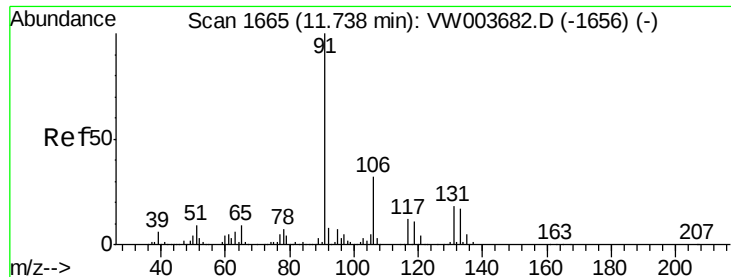


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

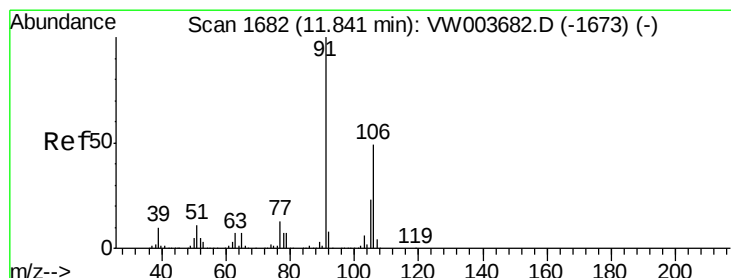
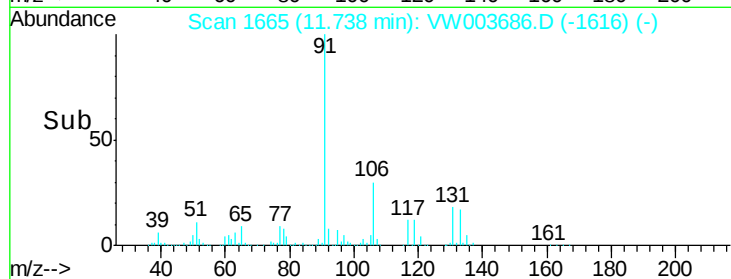
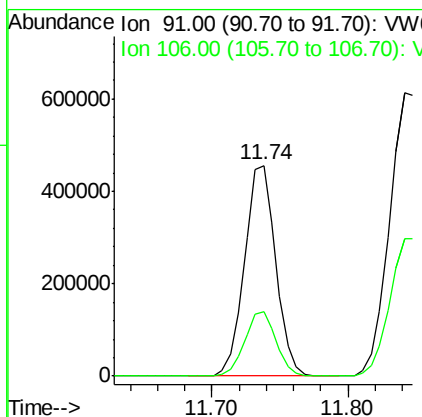
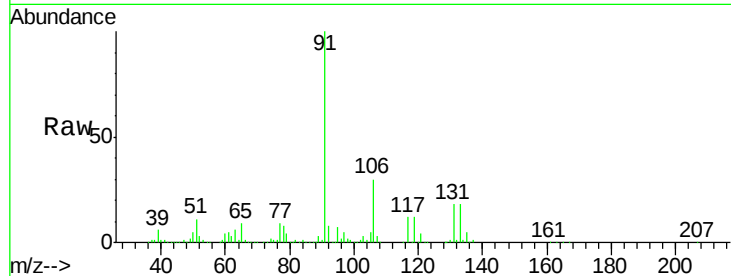




#67
Ethyl Benzene
Concen: 52.292 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

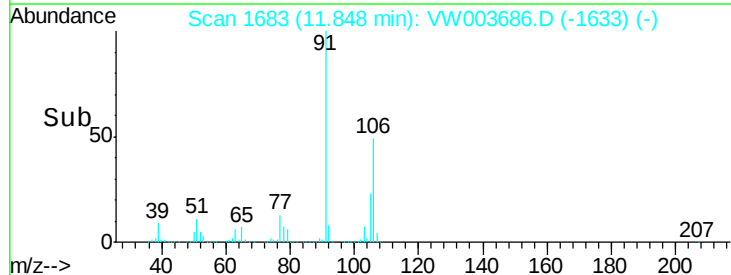
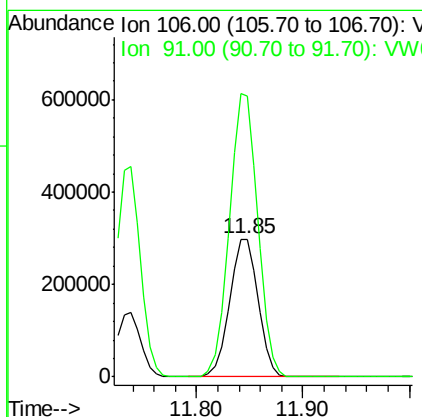
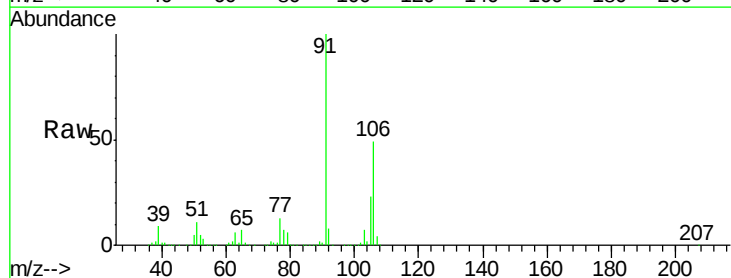
Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

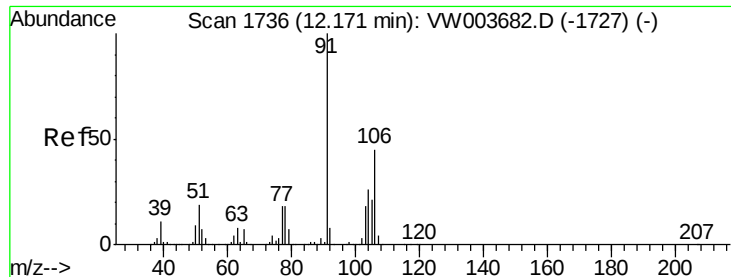
Tgt Ion: 91 Resp: 730949
Ion Ratio Lower Upper
91 100
106 30.4 25.2 37.8



#68
m/p-Xylenes
Concen: 105.247 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 106 Resp: 559446
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5

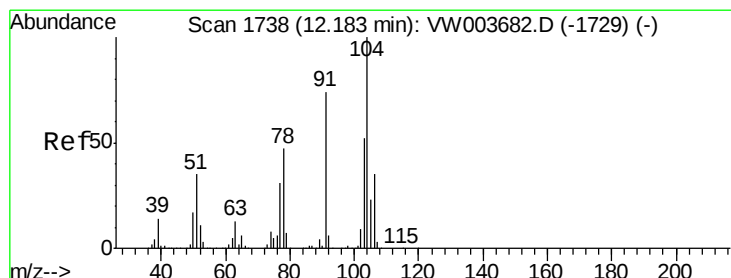
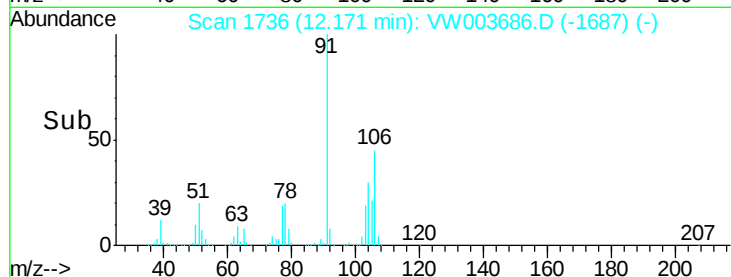
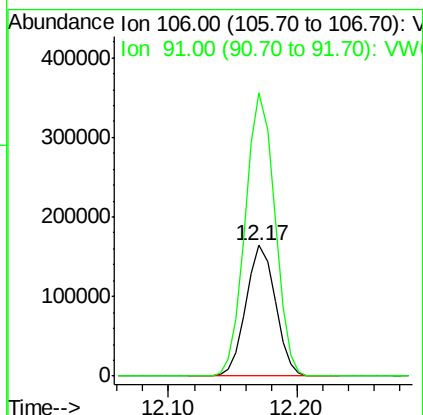
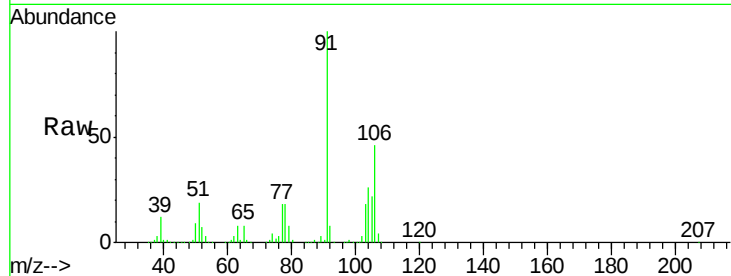




#69
o-Xylene
Concen: 52.711 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

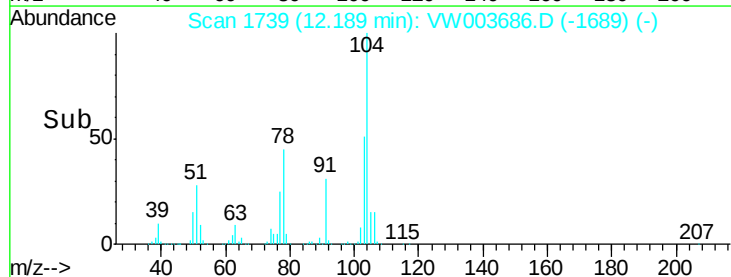
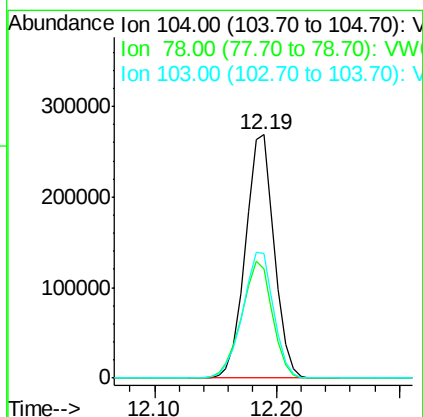
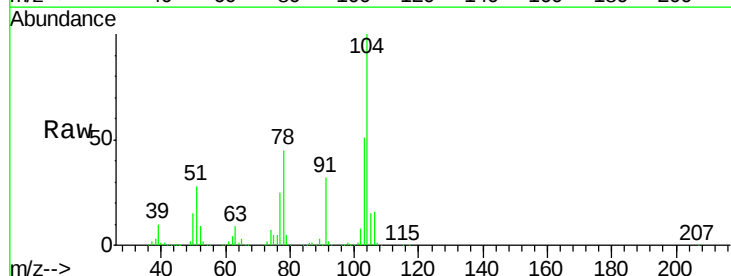
Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

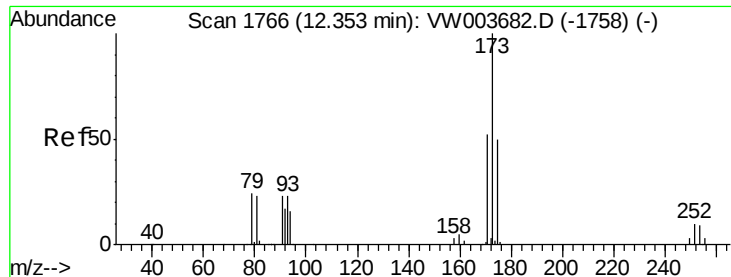
Tgt Ion:106 Resp: 259021
Ion Ratio Lower Upper
106 100
91 217.9 109.3 327.8



#70
Styrene
Concen: 53.245 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion:104 Resp: 439458
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.4
103 55.7 44.4 66.6





#71

Bromoform

Concen: 50.374 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

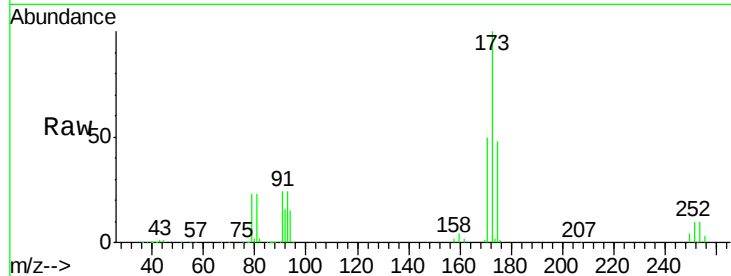
Tgt Ion:173 Resp: 78039

Ion Ratio Lower Upper

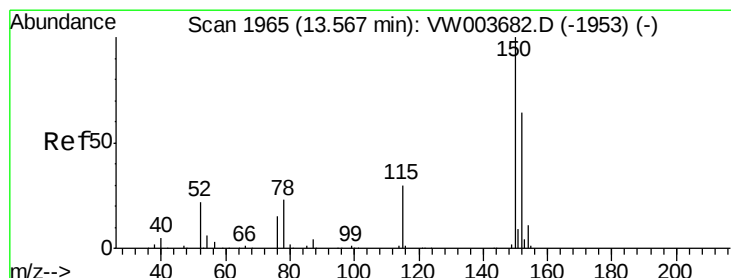
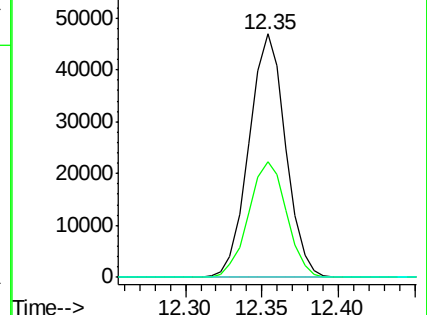
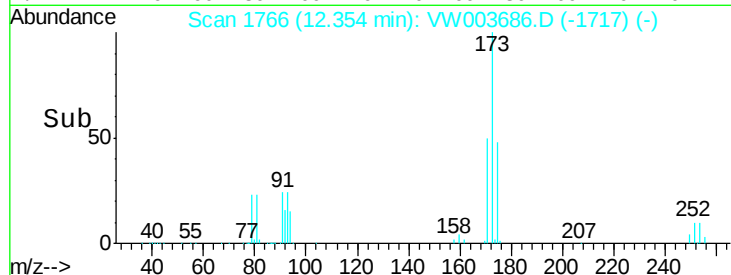
173 100

175 49.1 24.5 73.5

254 0.1 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: VW003686.D

Acq: 02 Jul 2018 20:00

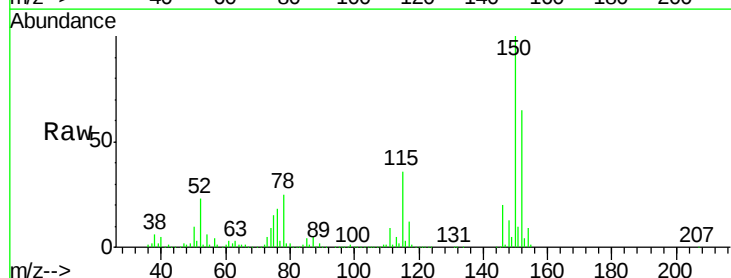
Tgt Ion:152 Resp: 201237

Ion Ratio Lower Upper

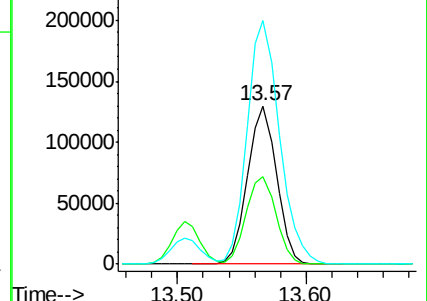
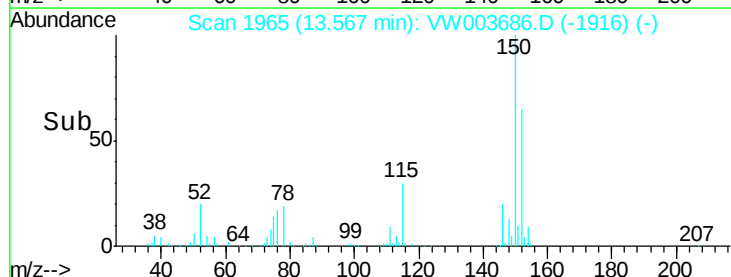
152 100

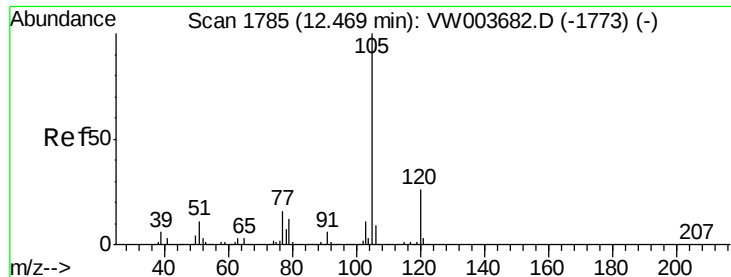
115 57.4 29.3 88.0

150 172.0 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: 52.608 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

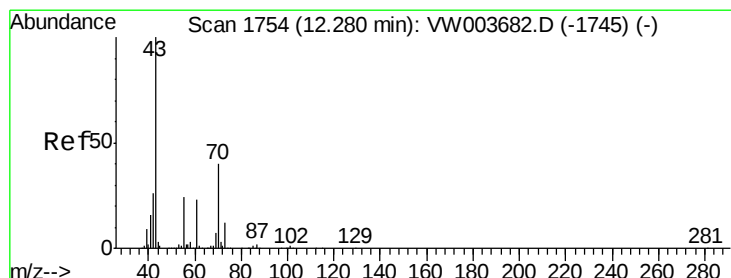
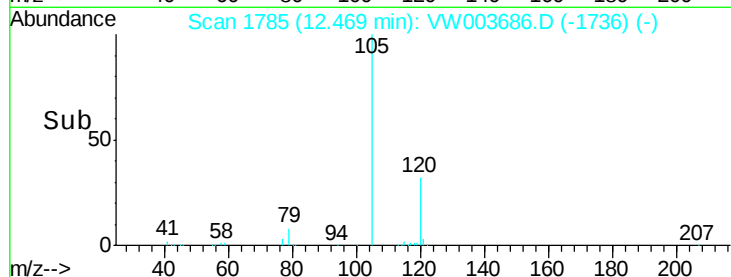
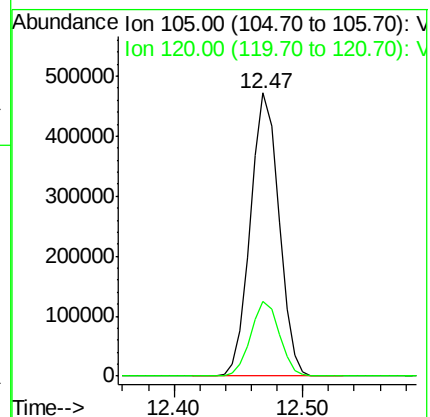
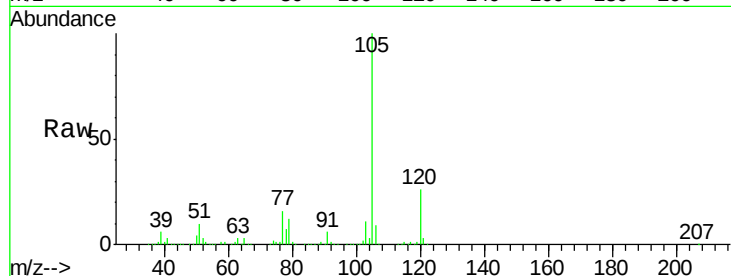
ICVW070218

Tgt Ion: 105 Resp: 720133

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 53.402 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion: 43 Resp: 193025

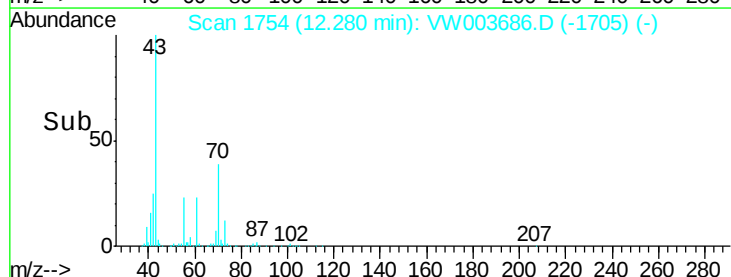
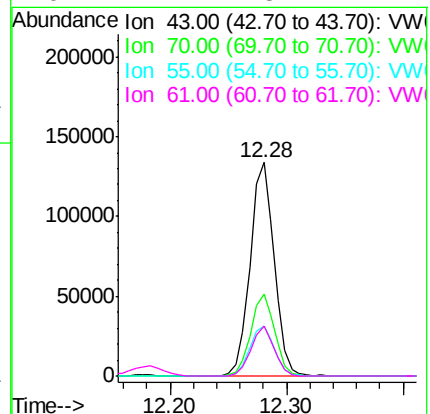
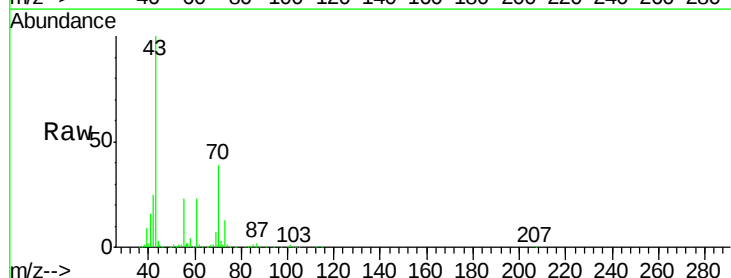
Ion Ratio Lower Upper

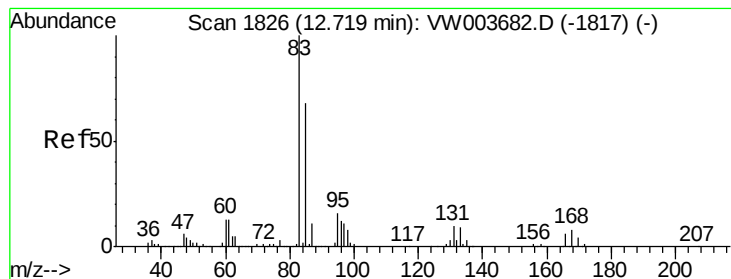
43 100

70 38.3 31.3 46.9

55 24.0 20.1 30.1

61 22.4 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.875 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

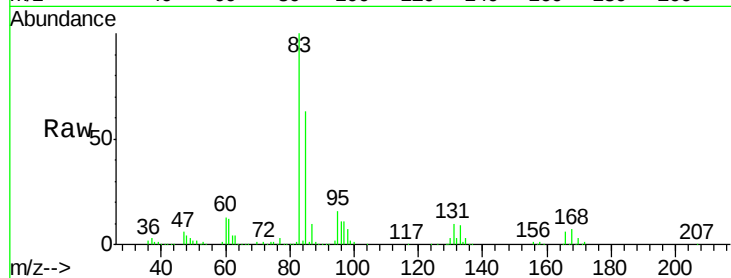
Tgt Ion: 83 Resp: 133538

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

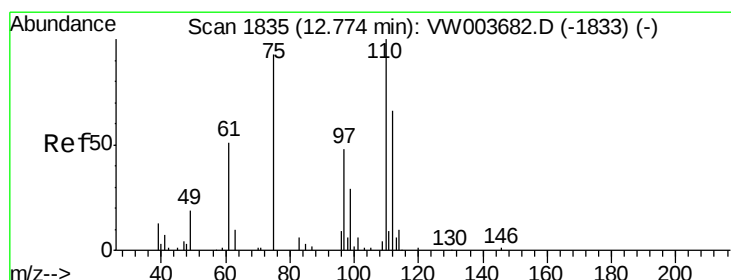
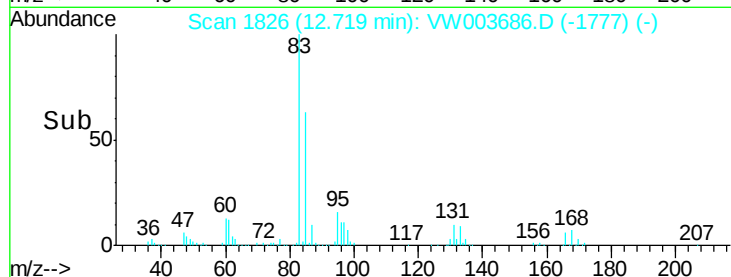
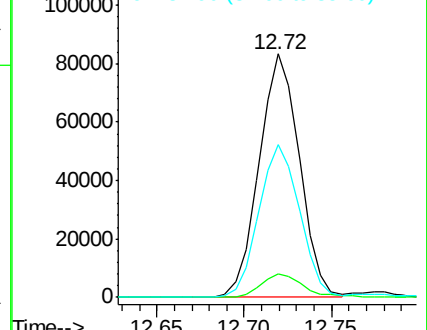
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 99.261 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003686.D

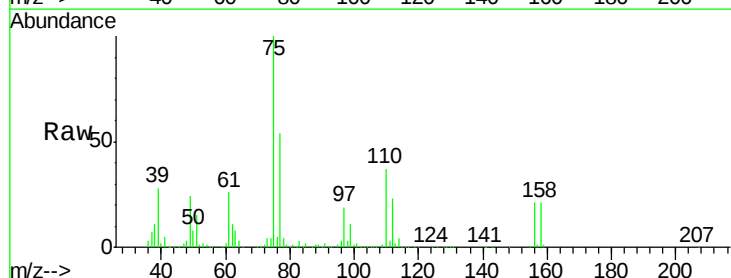
Acq: 02 Jul 2018 20:00

Tgt Ion: 75 Resp: 179603

Ion Ratio Lower Upper

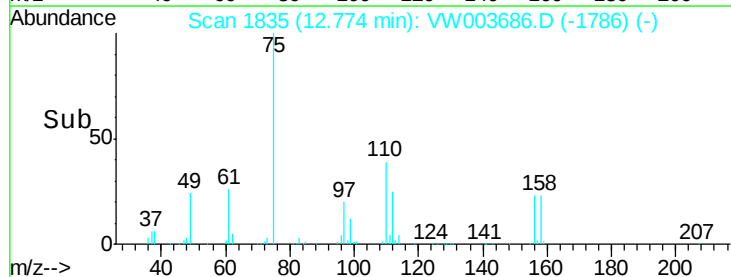
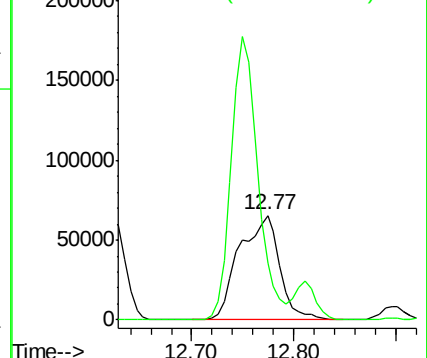
75 100

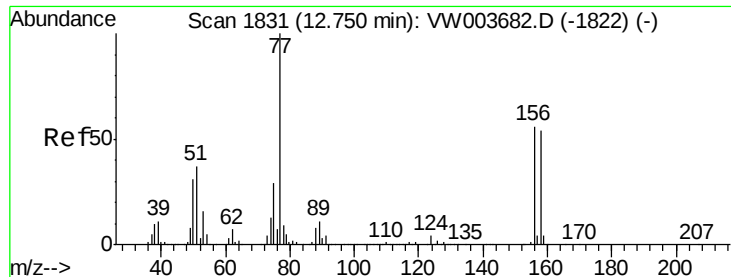
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.617 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

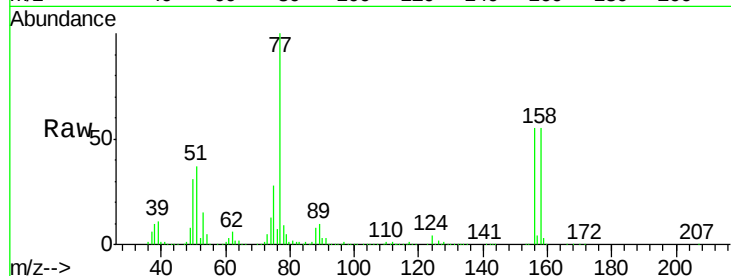
Tgt Ion:156 Resp: 166288

Ion Ratio Lower Upper

156 100

77 193.3 95.8 287.4

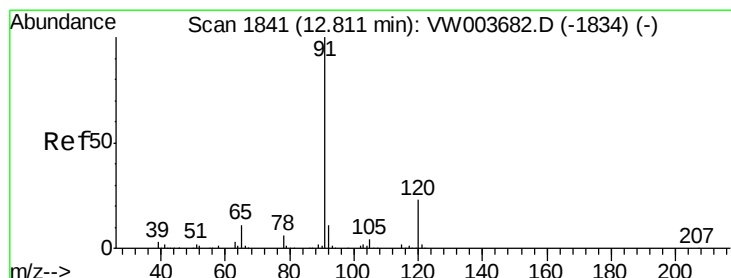
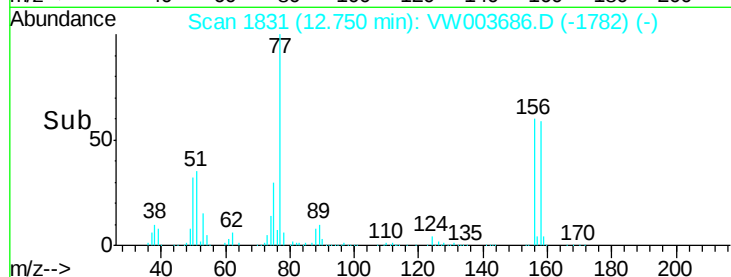
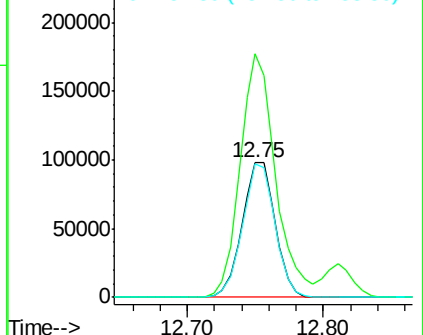
158 97.8 48.2 144.6



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: 52.894 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003686.D

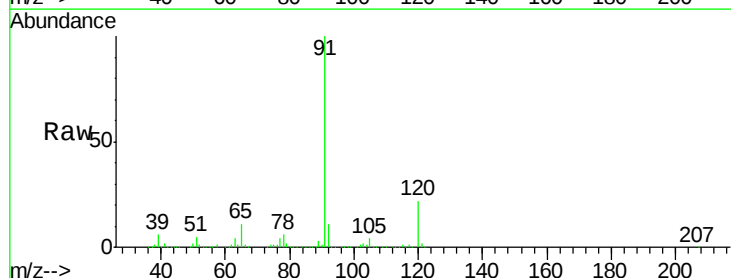
Acq: 02 Jul 2018 20:00

Tgt Ion: 91 Resp: 894473

Ion Ratio Lower Upper

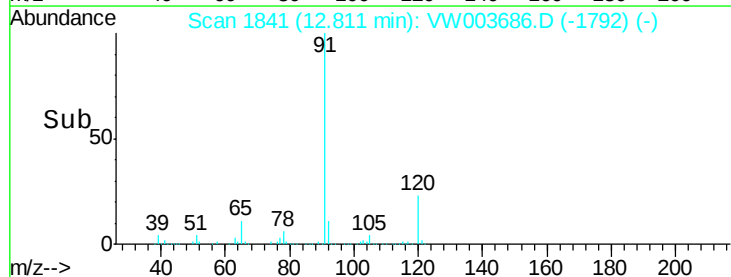
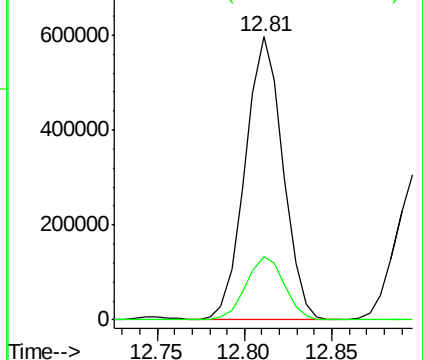
91 100

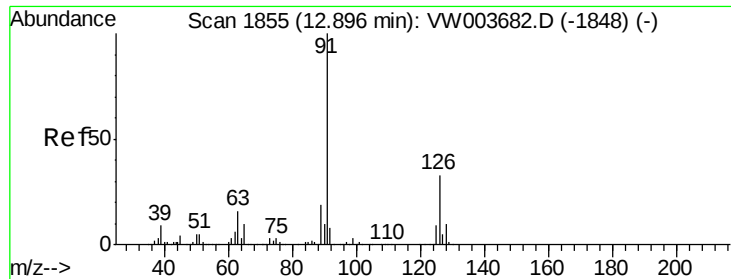
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

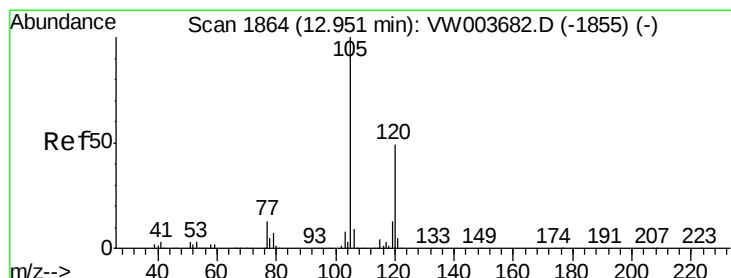
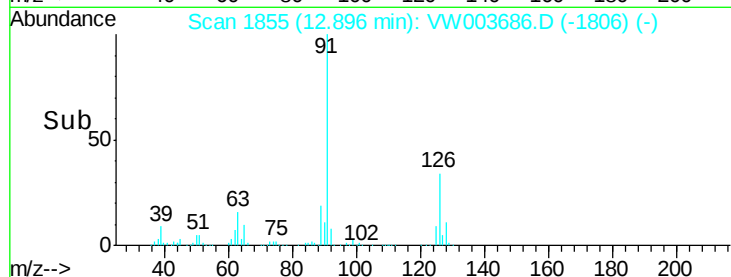
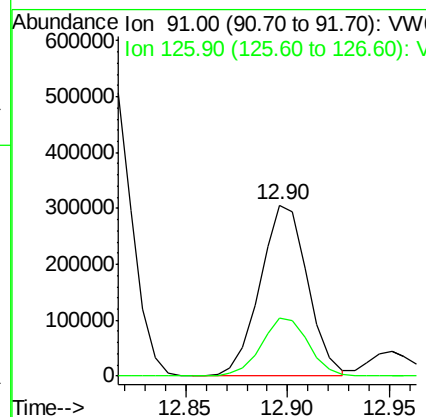
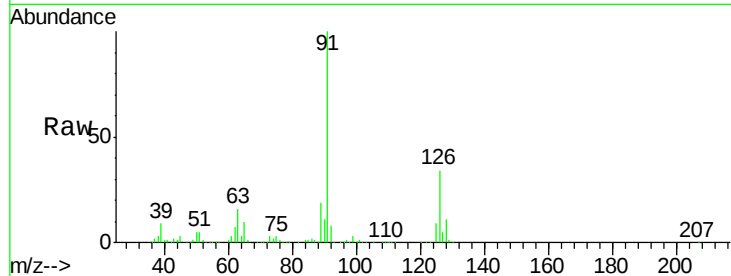




#79
 2-Chlorotoluene
 Concen: 51.534 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

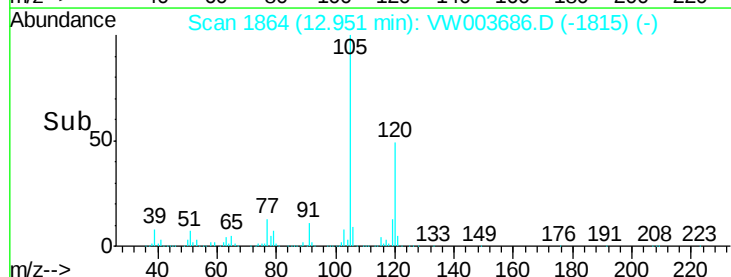
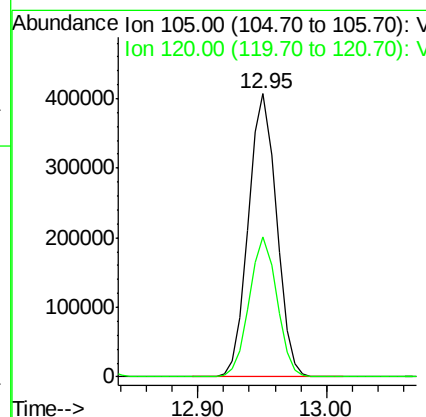
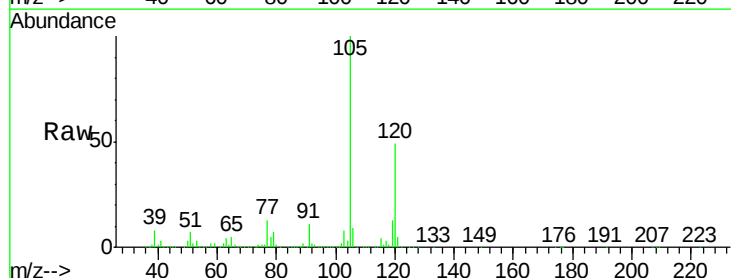
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

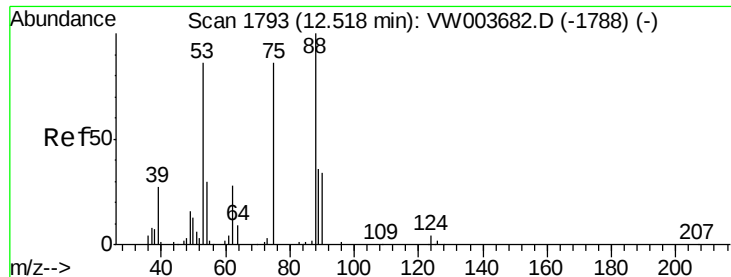
Tgt Ion: 91 Resp: 495911
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 52.835 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion: 105 Resp: 611838
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.139 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

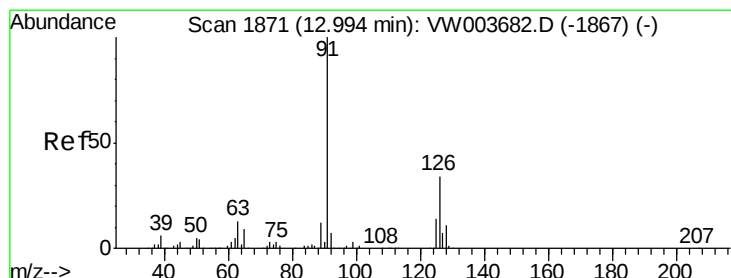
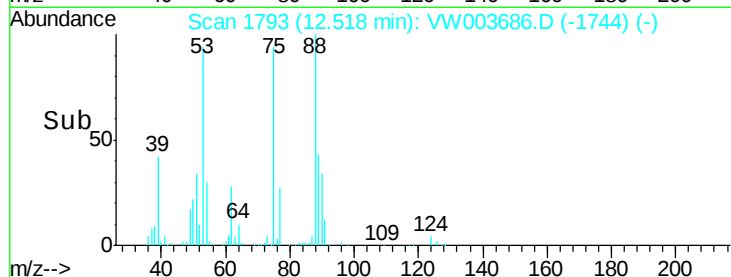
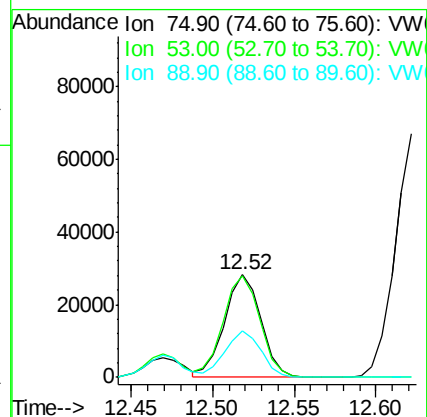
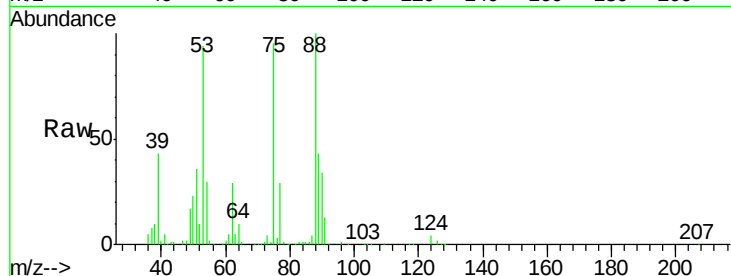
Tgt Ion: 75 Resp: 43669

Ion Ratio Lower Upper

75 100

53 101.4 82.4 123.6

89 44.3 35.9 53.9



#82

4-Chlorotoluene

Concen: 52.073 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003686.D

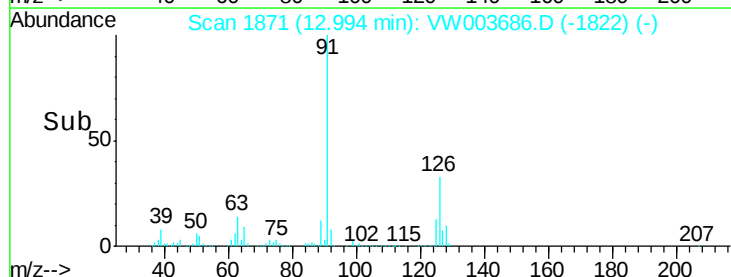
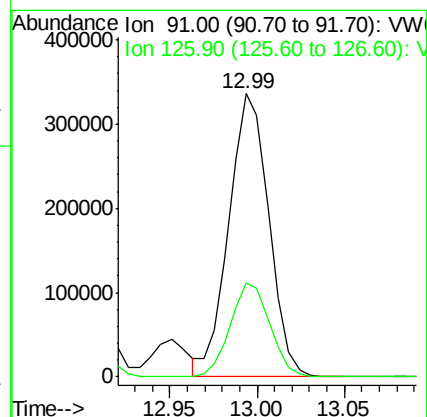
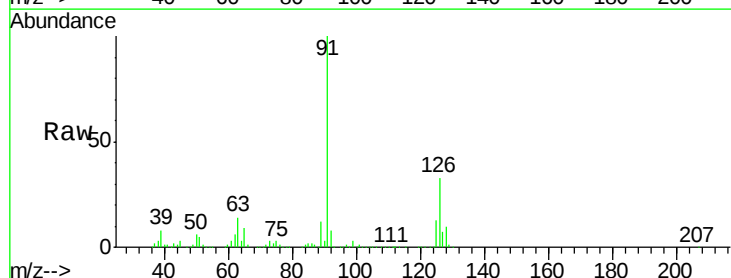
Acq: 02 Jul 2018 20:00

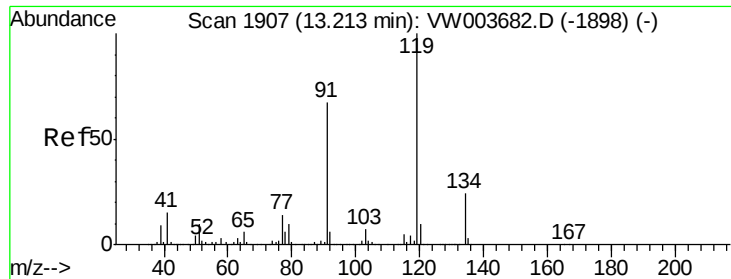
Tgt Ion: 91 Resp: 531934

Ion Ratio Lower Upper

91 100

126 33.1 17.0 50.9

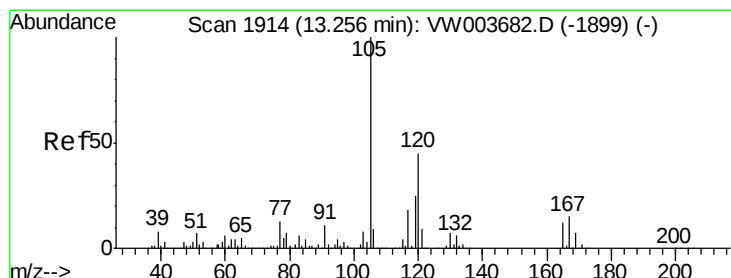
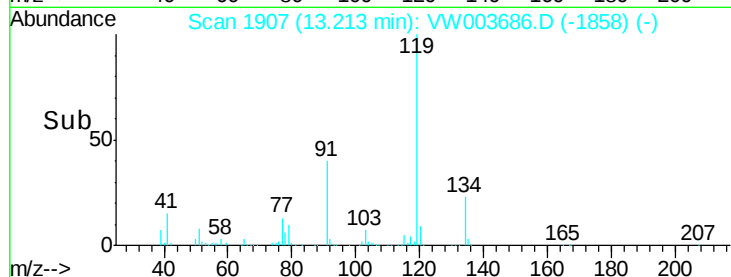
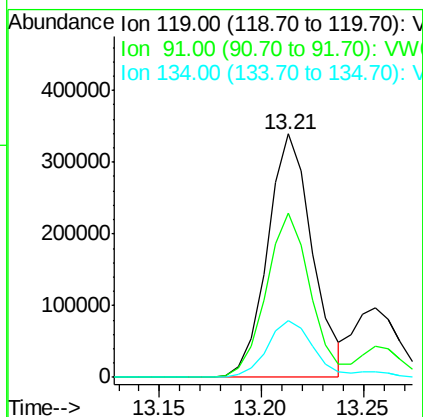
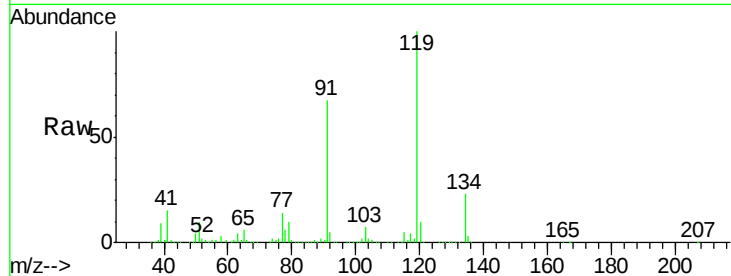




#83
 tert-Butylbenzene
 Concen: 53.062 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

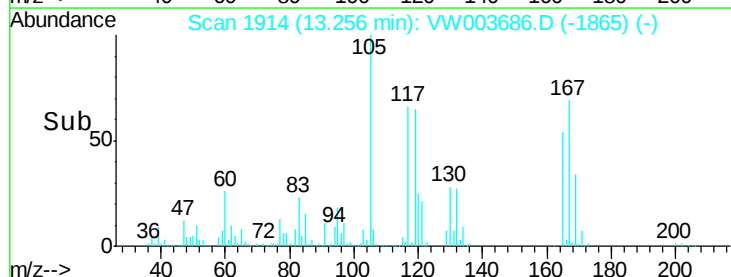
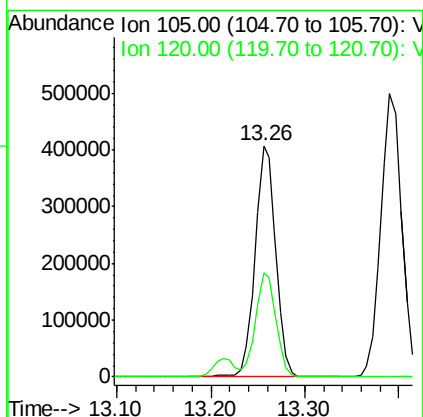
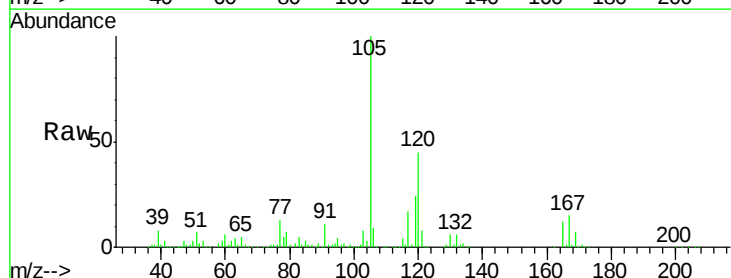
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

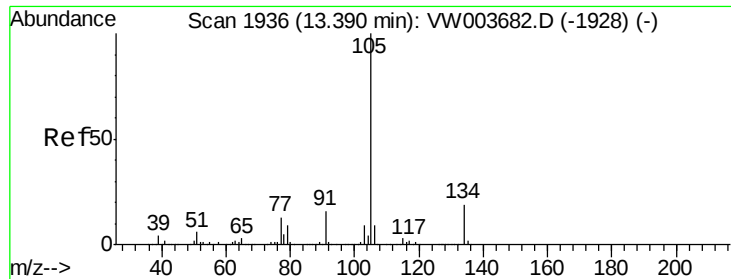
Tgt Ion:119 Resp: 518322
 Ion Ratio Lower Upper
 119 100
 91 67.5 33.8 101.3
 134 23.9 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.847 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion:105 Resp: 630022
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3

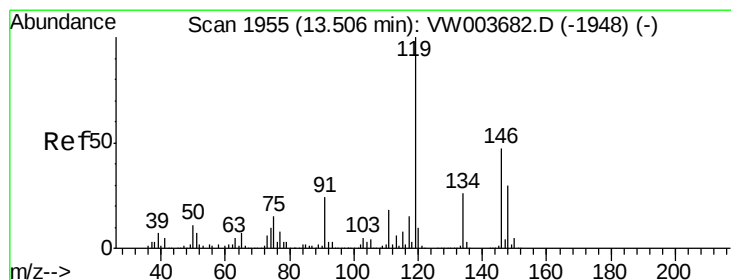
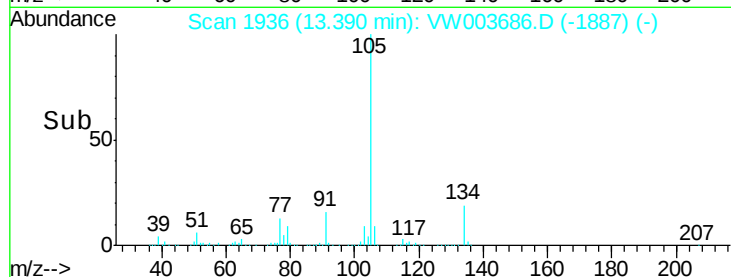
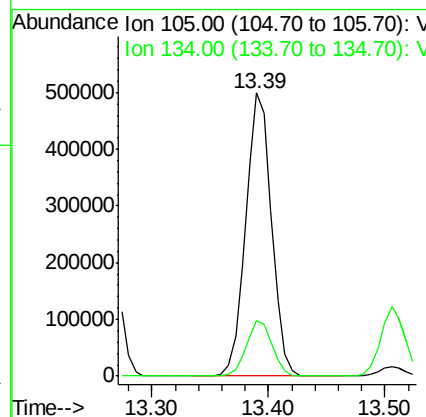
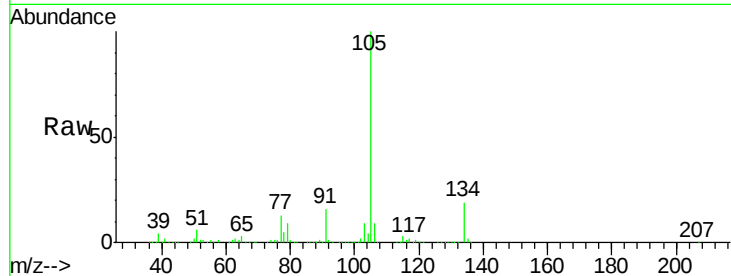




#85
 sec-Butylbenzene
 Concen: 52.849 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

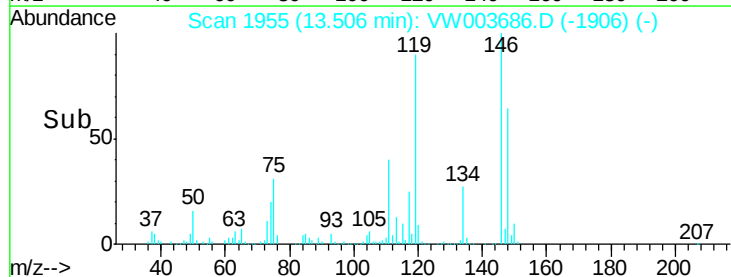
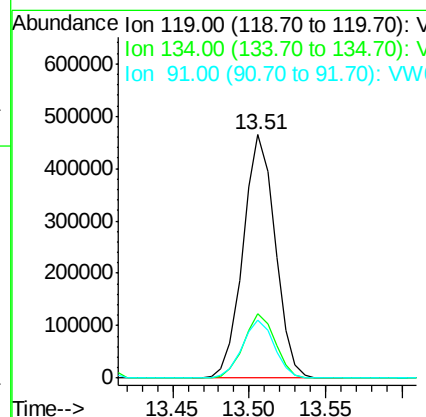
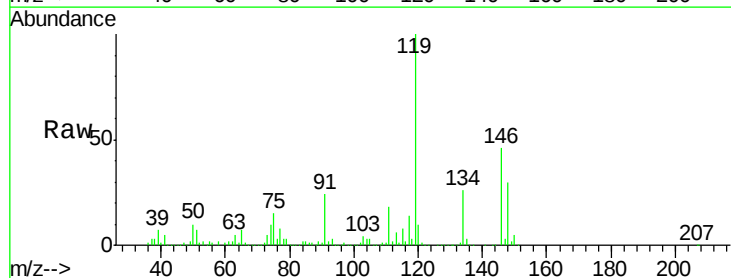
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

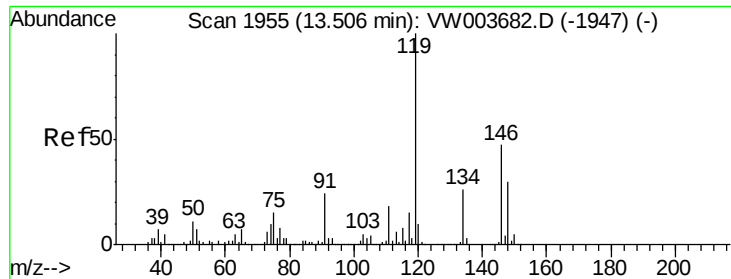
Tgt Ion:105 Resp: 768178
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 53.146 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion:119 Resp: 675691
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 23.7 11.8 35.4

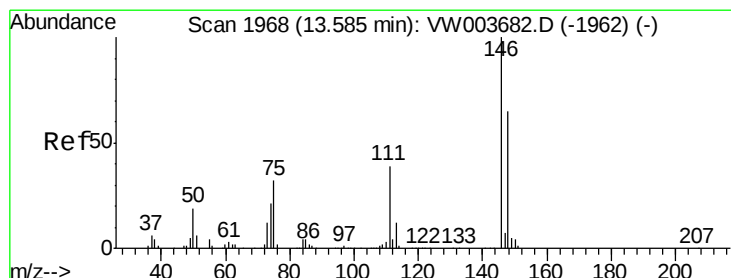
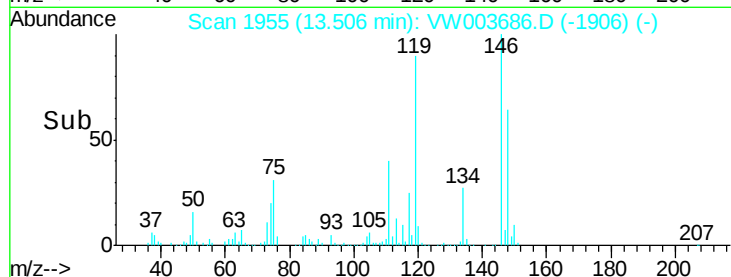
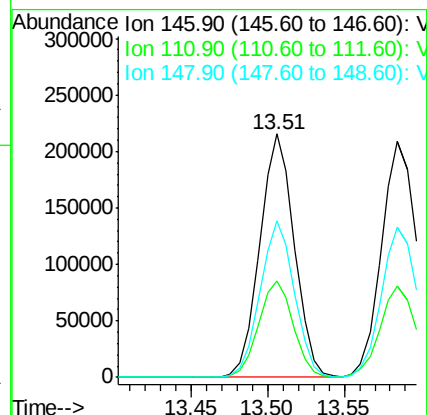
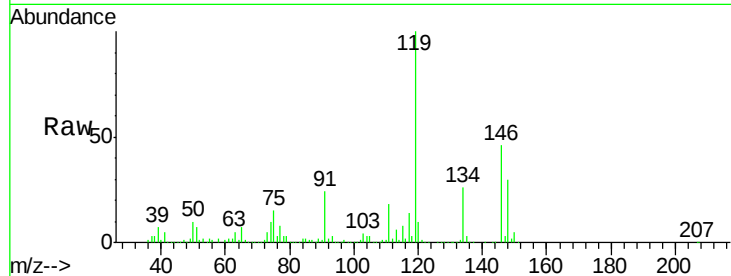




#87
 1,3-Dichlorobenzene
 Concen: 50.661 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

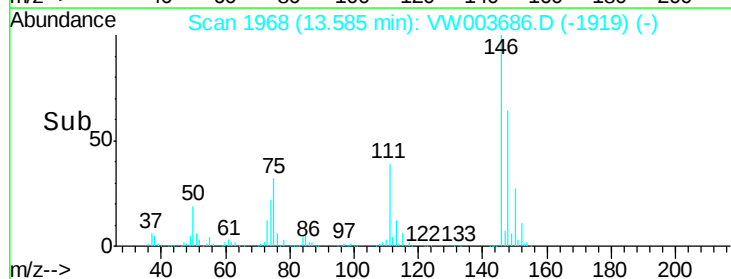
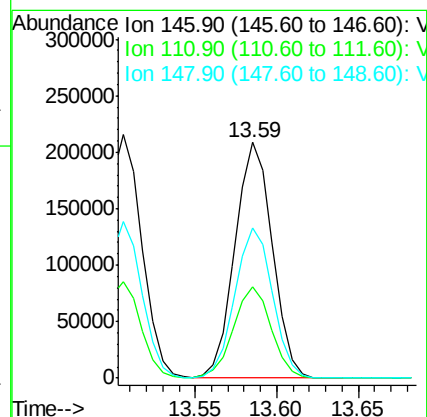
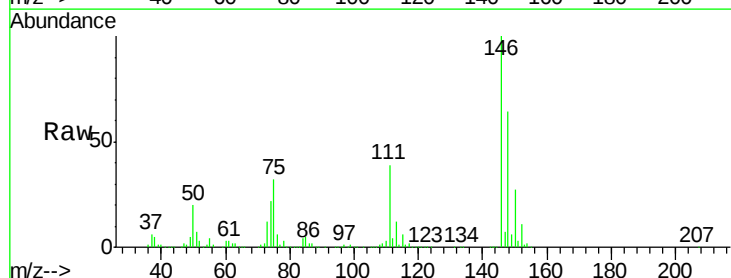
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

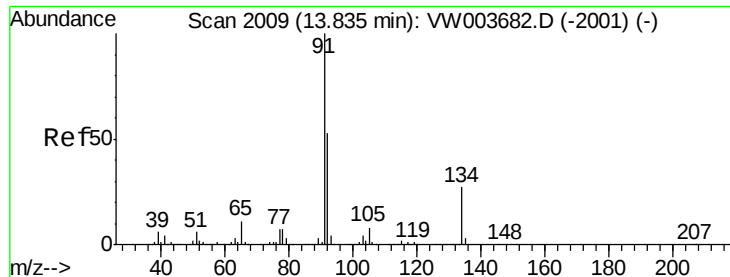
Tgt Ion:146 Resp: 337778
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 50.130 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion:146 Resp: 333996
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.3 57.9
 148 64.1 32.3 96.9





#89

n-Butylbenzene

Concen: 53.212 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

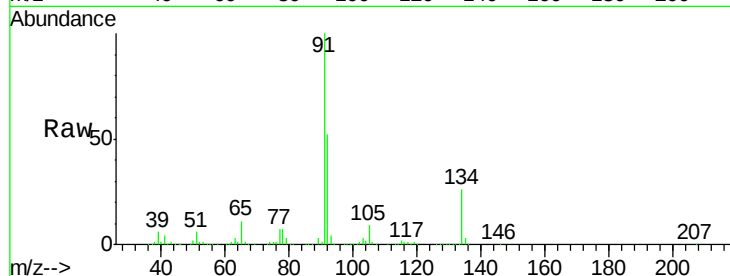
Tgt Ion: 91 Resp: 668854

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

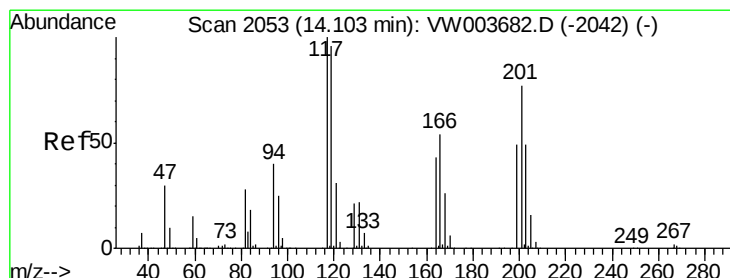
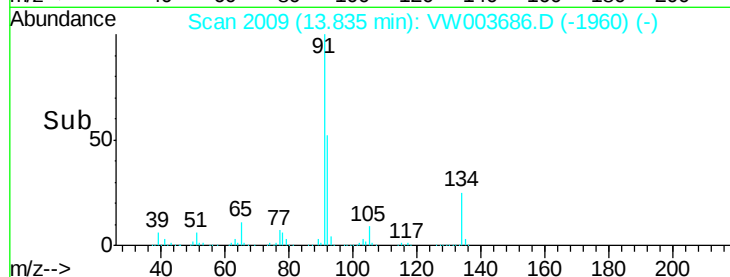
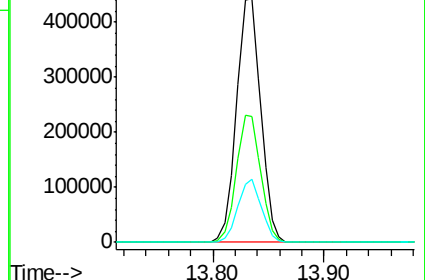
134 24.9 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 50.715 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003686.D

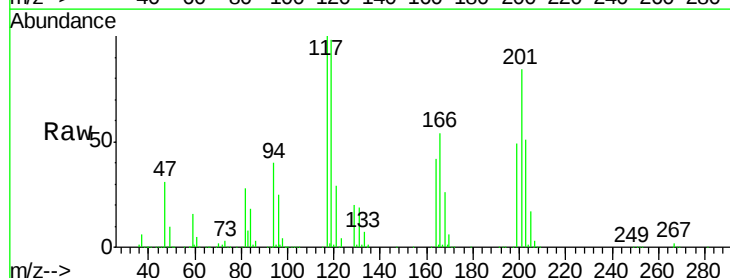
Acq: 02 Jul 2018 20:00

Tgt Ion: 117 Resp: 119789

Ion Ratio Lower Upper

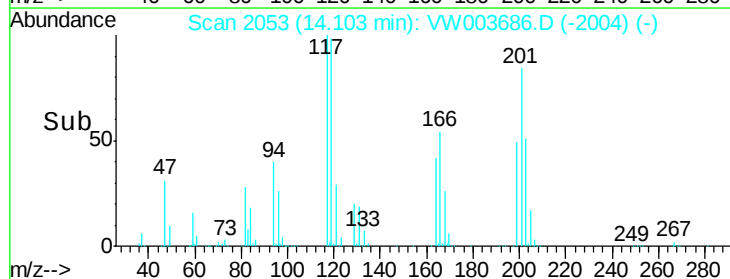
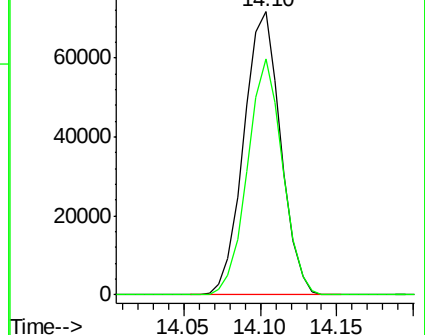
117 100

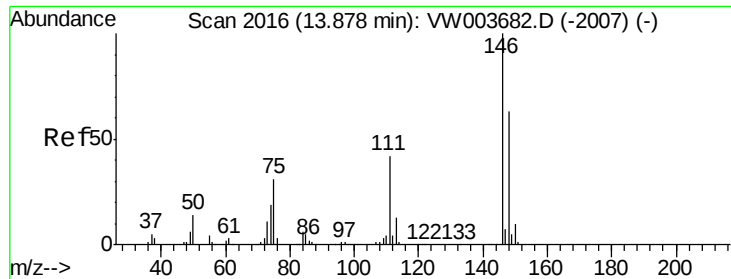
201 79.9 39.1 117.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.777 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

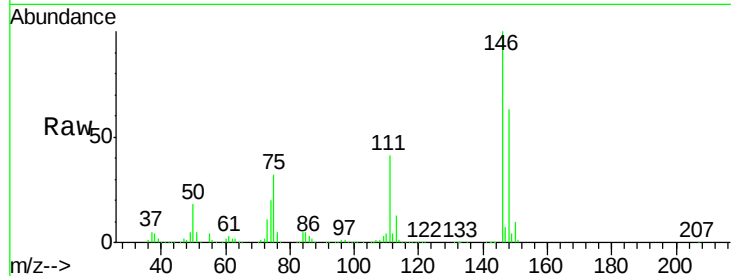
Tgt Ion:146 Resp: 302710

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

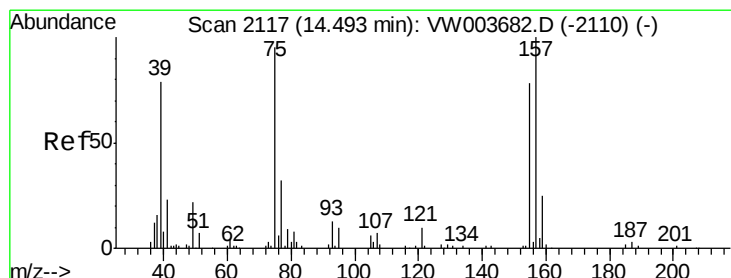
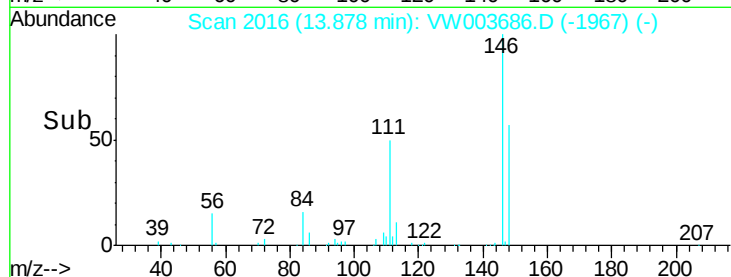
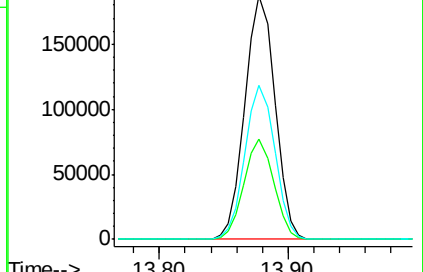
148 63.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.629 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

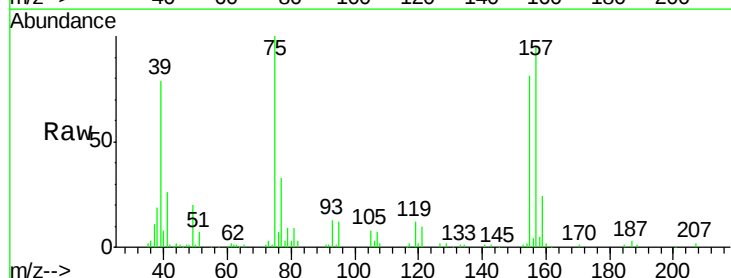
Tgt Ion: 75 Resp: 23619

Ion Ratio Lower Upper

75 100

155 80.0 40.2 120.6

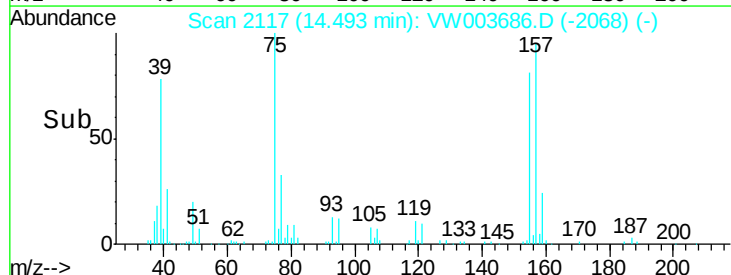
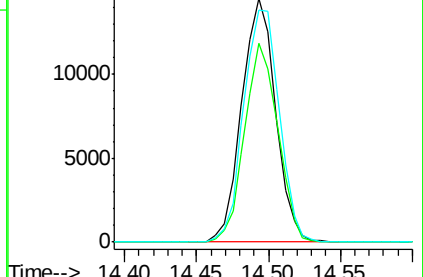
157 100.3 50.7 152.3

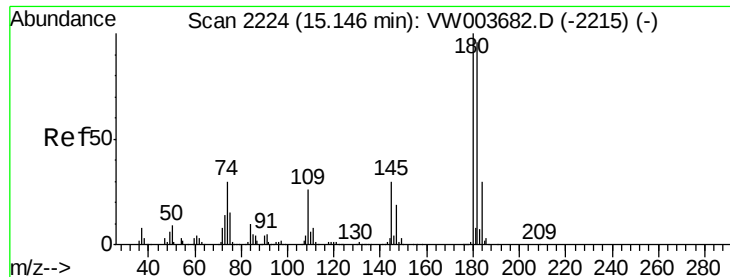


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

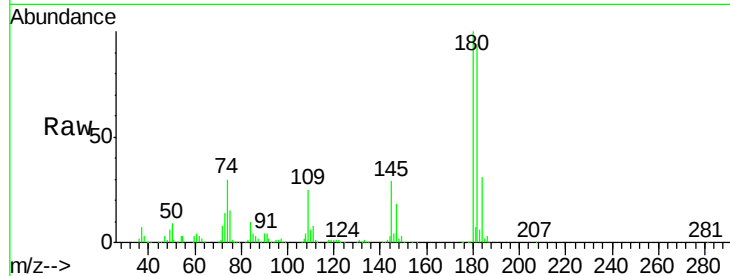




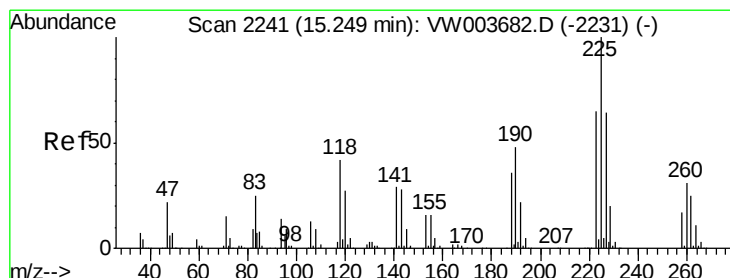
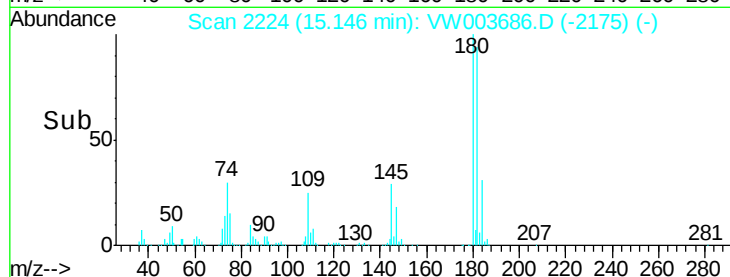
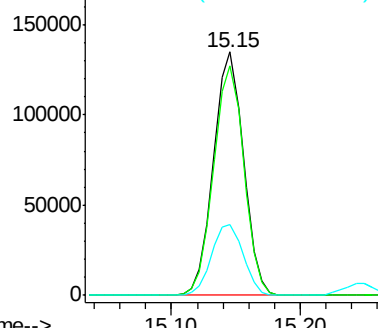
#93
 1,2,4-Trichlorobenzene
 Concen: 51.712 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

Tgt Ion:180 Resp: 217373
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.8
 145 30.5 14.9 44.5

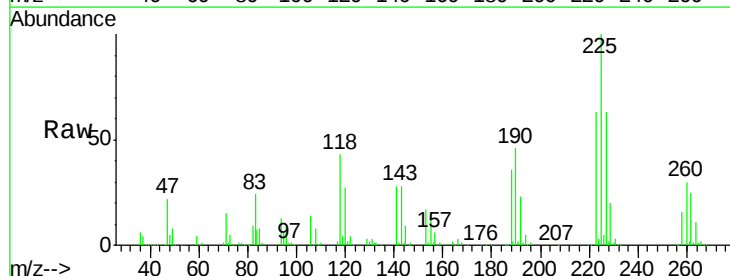


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

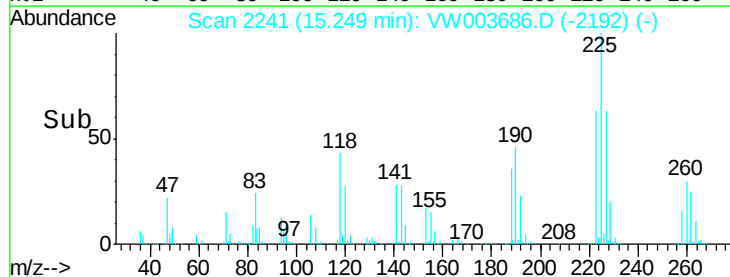
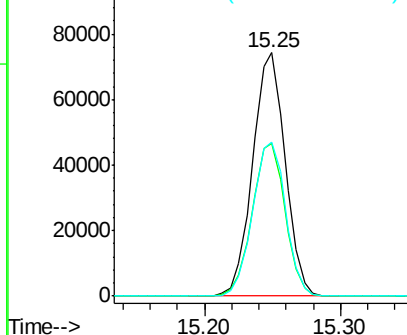


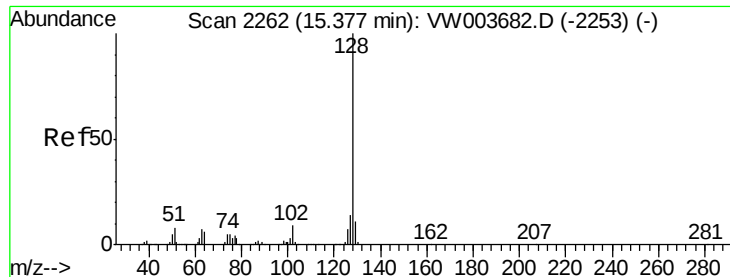
#94
 Hexachlorobutadiene
 Concen: 50.920 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion:225 Resp: 123622
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.0 96.2
 227 64.1 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

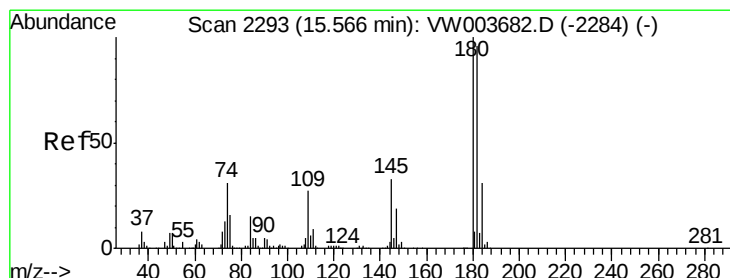
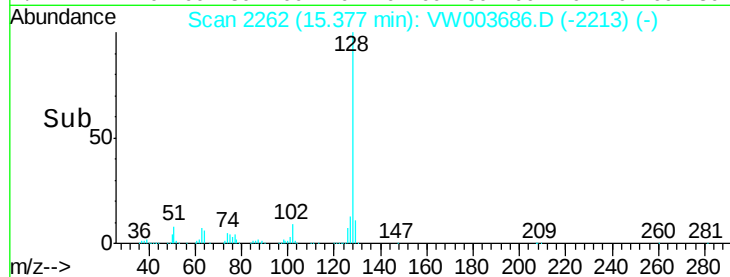
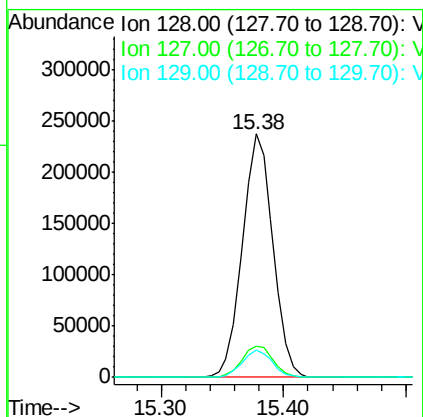
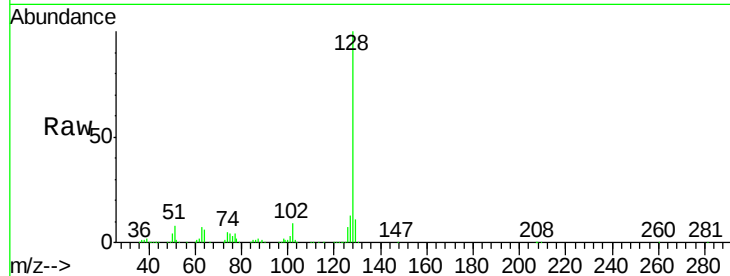




#95
Naphthalene
Concen: 53.746 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tgt Ion:128 Resp: 409746
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.299 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion:180 Resp: 192084
Ion Ratio Lower Upper
180 100
182 94.5 47.8 143.3
145 31.7 15.9 47.7

