

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003685.D
 Acq On : 02 Jul 2018 19:08
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 03 02:32:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	407275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	471153	164.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.70%	
35) Dibromofluoromethane	7.88	113	411192	159.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.82%	
50) Toluene-d8	10.33	98	1643931	161.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.12%	
62) 4-Bromofluorobenzene	12.62	95	590453	163.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	225882	260.615	ug/l	99
3) Chloromethane	2.21	50	304860	151.331	ug/l	99
4) Vinyl Chloride	2.36	62	420144	144.232	ug/l	99
5) Bromomethane	2.77	94	282656	146.926	ug/l	96
6) Chloroethane	2.91	64	265851	134.172	ug/l	99
7) Trichlorofluoromethane	3.24	101	209600	123.519	ug/l	96
8) Diethyl Ether	3.67	74	209614	162.455	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	374014	153.962	ug/l	100
10) Methyl Iodide	4.26	142	576428	157.282	ug/l	99
11) Tert butyl alcohol	5.21	59	150059	966.729	ug/l	100
12) 1,1-Dichloroethene	4.03	96	378646	158.401	ug/l	97
13) Acrolein	3.89	56	41122	216.145	ug/l	100
14) Allyl chloride	4.65	41	675065	163.971	ug/l	98
15) Acrylonitrile	5.37	53	518546	959.023	ug/l	100
16) Acetone	4.13	43	515224	847.094	ug/l	99
17) Carbon Disulfide	4.37	76	1210288	169.249	ug/l	100
18) Methyl Acetate	4.67	43	244573	172.970	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	776055	173.136	ug/l	99
20) Methylene Chloride	4.91	84	400484	135.531	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	425919	163.253	ug/l	99
22) Diisopropyl ether	6.31	45	1355874	163.079	ug/l	98
23) Vinyl Acetate	6.26	43	4566236	939.772	ug/l	100
24) 1,1-Dichloroethane	6.21	63	789718	160.017	ug/l	99
25) 2-Butanone	7.18	43	754920	990.170	ug/l	100
26) 2,2-Dichloropropane	7.17	77	438096	135.458	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	463316	163.195	ug/l	98
28) Bromochloromethane	7.51	49	336088	164.039	ug/l	100
29) Tetrahydrofuran	7.53	42	479034	1024.211	ug/l	100
30) Chloroform	7.68	83	783150	156.359	ug/l	96
31) Cyclohexane	7.95	56	721049	155.889	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	614789	149.986	ug/l	99
36) 1,1-Dichloropropene	8.08	75	639399	159.590	ug/l	100
37) Ethyl Acetate	7.26	43	331761	195.325	ug/l	99
38) Carbon Tetrachloride	8.07	117	606285	155.584	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003685.D
 Acq On : 02 Jul 2018 19:08
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 03 02:32:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	782389	168.273	ug/l	99
40) Benzene	8.32	78	1780898	161.194	ug/l	99
41) Methacrylonitrile	7.49	41	195601	190.102	ug/l	98
42) 1,2-Dichloroethane	8.40	62	549579	158.959	ug/l	99
43) Isopropyl Acetate	8.43	43	635980	190.685	ug/l	98
44) Trichloroethene	9.09	130	459971	158.495	ug/l	100
45) 1,2-Dichloropropane	9.37	63	458144	162.911	ug/l	99
46) Dibromomethane	9.46	93	240534	166.372	ug/l	100
47) Bromodichloromethane	9.65	83	596388	161.827	ug/l	100
48) Methyl methacrylate	9.44	41	312502	198.739	ug/l	99
49) 1,4-Dioxane	9.47	88	80319	3671.831	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1667416	974.738	ug/l	99
52) Toluene	10.39	92	1122430	158.732	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	651616	172.640	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	731976	170.150	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	335647	164.834	ug/l	99
56) Ethyl methacrylate	10.65	69	487877	195.988	ug/l	99
57) 1,3-Dichloropropane	10.93	76	595619	169.223	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	924612	842.487	ug/l	99
59) 2-Hexanone	10.98	43	1191928	995.340	ug/l	100
60) Dibromochloromethane	11.13	129	408172	169.562	ug/l	99
61) 1,2-Dibromoethane	11.24	107	332865	172.762	ug/l	100
64) Tetrachloroethene	10.87	164	404617	159.508	ug/l	97
65) Chlorobenzene	11.66	112	1223038	154.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	435114	156.953	ug/l	99
67) Ethyl Benzene	11.74	91	2239223	159.736	ug/l	99
68) m/p-Xylenes	11.85	106	1679165	315.070	ug/l	100
69) o-Xylene	12.17	106	801026	162.749	ug/l	98
70) Styrene	12.19	104	1352090	164.227	ug/l	99
71) Bromoform	12.35	173	252573	174.531	ug/l	99
73) Isopropylbenzene	12.47	105	2172390	161.537	ug/l	100
74) N-amyl acetate	12.28	43	614914	196.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	409000	176.156	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	564354	338.336	ug/l #	100
77) Bromobenzene	12.76	156	496306	157.777	ug/l	98
78) n-propylbenzene	12.81	91	2628637	159.172	ug/l	100
79) 2-Chlorotoluene	12.90	91	1478449	158.413	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1796153	158.970	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	142112	193.553	ug/l	97
82) 4-Chlorotoluene	12.99	91	1542317	155.860	ug/l	100
83) tert-Butylbenzene	13.21	119	1532050	159.275	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1843546	158.259	ug/l	100
85) sec-Butylbenzene	13.39	105	2215723	154.835	ug/l	100
86) p-Isopropyltoluene	13.51	119	1989364	157.970	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	981701	152.408	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	963144	150.313	ug/l	99
89) n-Butylbenzene	13.83	91	1944538	158.063	ug/l	100
90) Hexachloroethane	14.10	117	361068	158.263	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	875679	154.897	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	72930	186.401	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
Data File : VW003685.D
Acq On : 02 Jul 2018 19:08
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Jul 03 02:32:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 03 02:27:04 2018
Response via : Initial Calibration

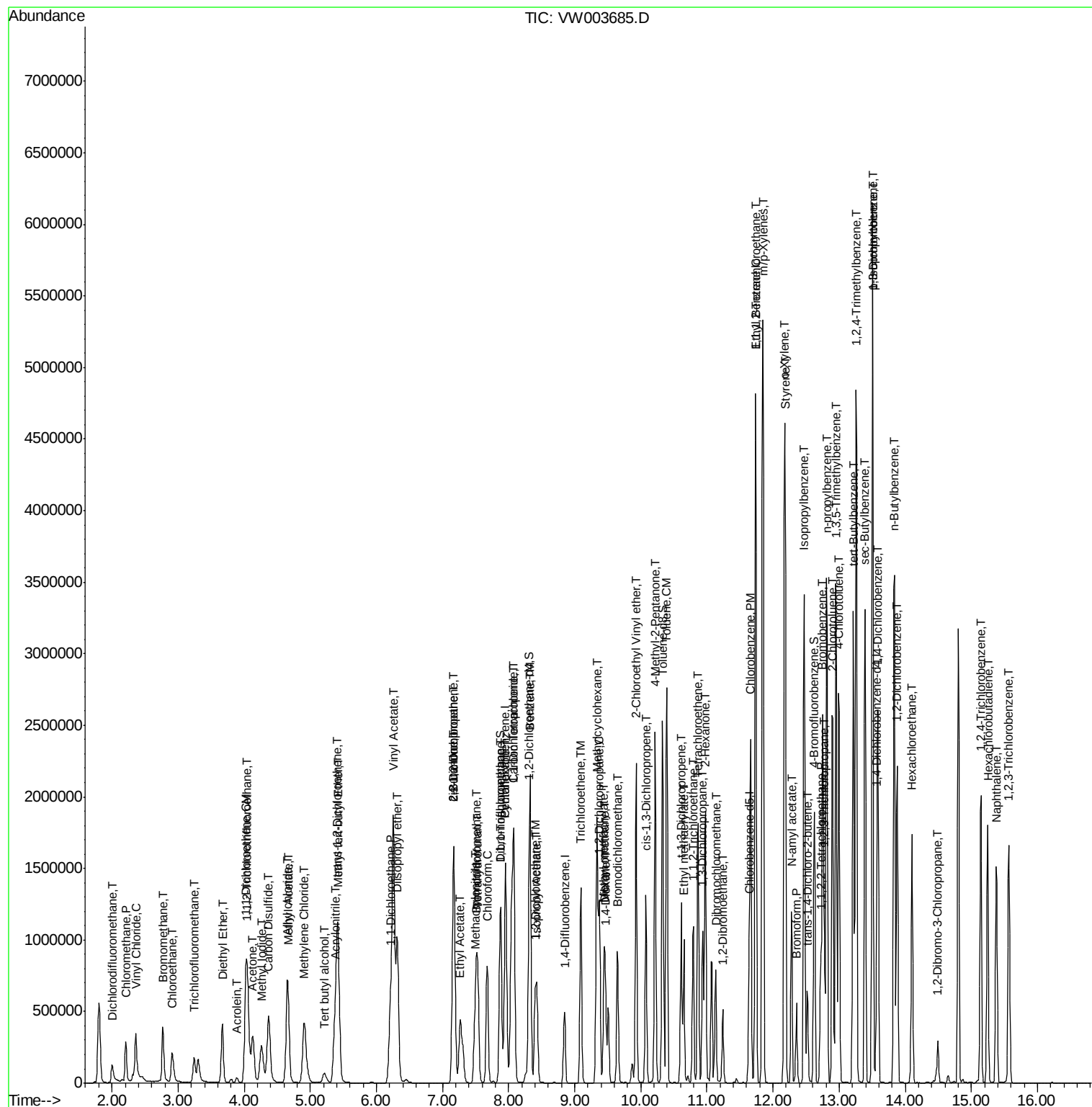
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	637629	160.556	ug/l	99
94) Hexachlorobutadiene	15.25	225	354060	149.388	ug/l	99
95) Naphthalene	15.38	128	1279213	187.594	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	567073	161.882	ug/l	100

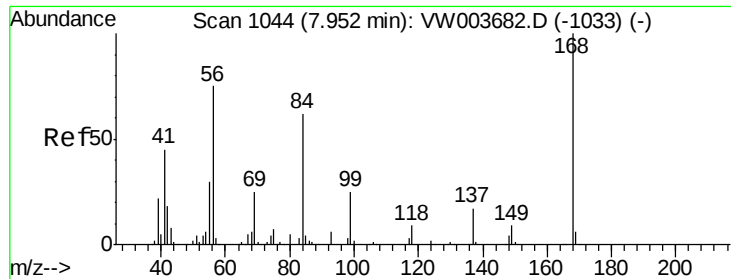
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003685.D
 Acq On : 02 Jul 2018 19:08
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 03 02:32:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

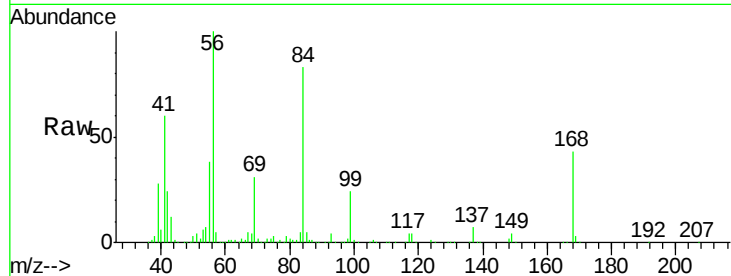
VSTDIC150

Tgt Ion: 168 Resp: 258524

Ion Ratio Lower Upper

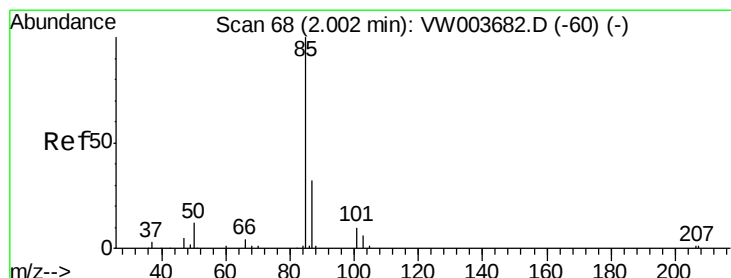
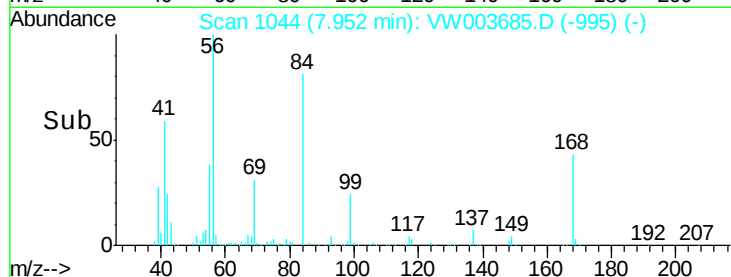
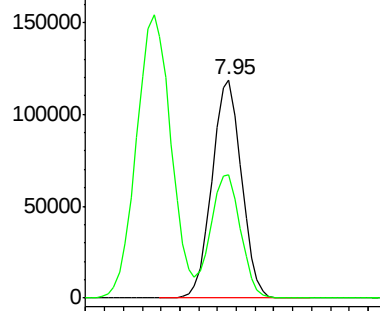
168 100

99 56.3 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 260.615 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003685.D

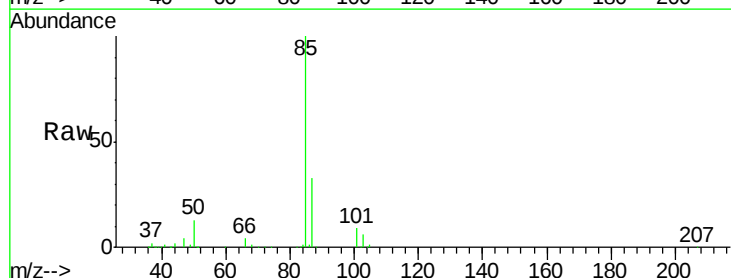
Acq: 02 Jul 2018 19:08

Tgt Ion: 85 Resp: 225882

Ion Ratio Lower Upper

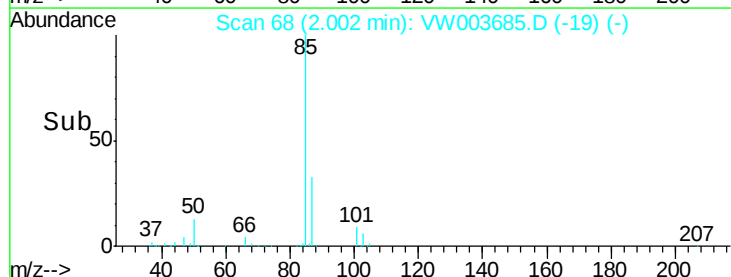
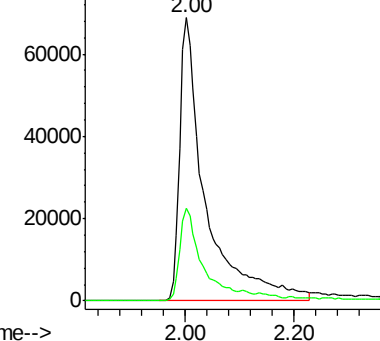
85 100

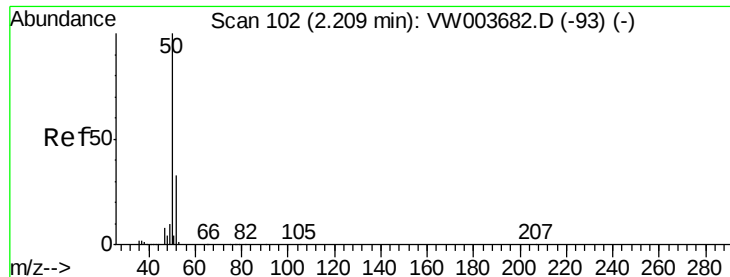
87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 151.331 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

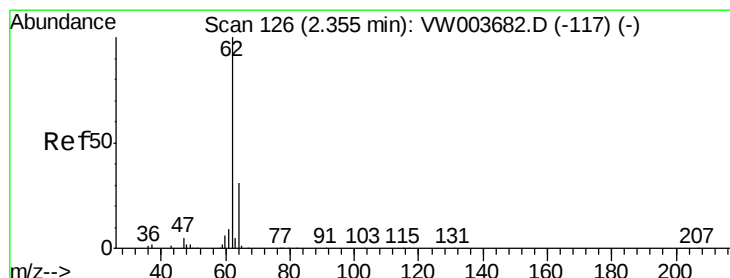
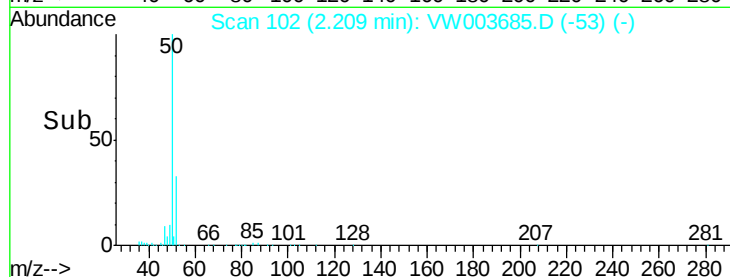
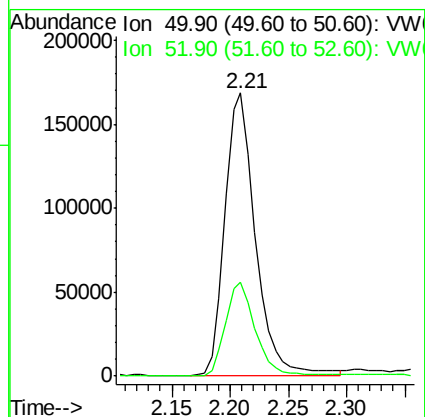
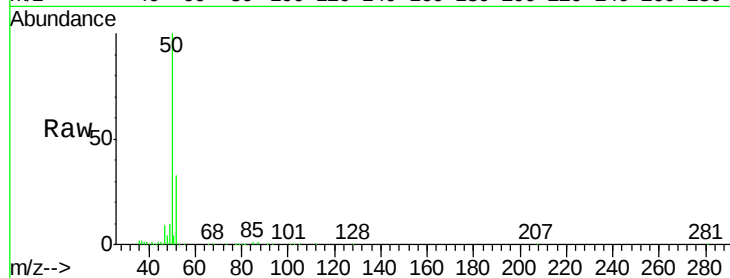
VSTDIC150

Tgt Ion: 50 Resp: 304860

Ion Ratio Lower Upper

50 100

52 33.2 26.1 39.1



#4

Vinyl Chloride

Concen: 144.232 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003685.D

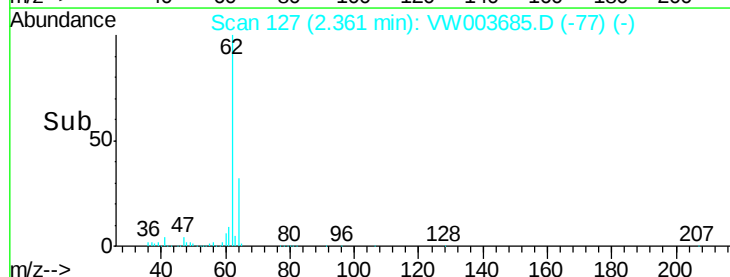
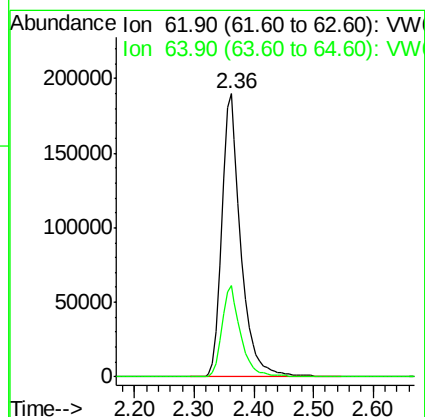
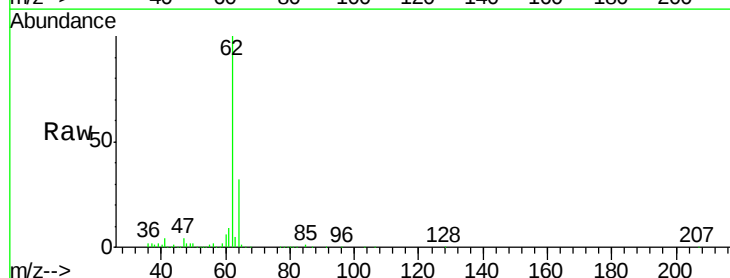
Acq: 02 Jul 2018 19:08

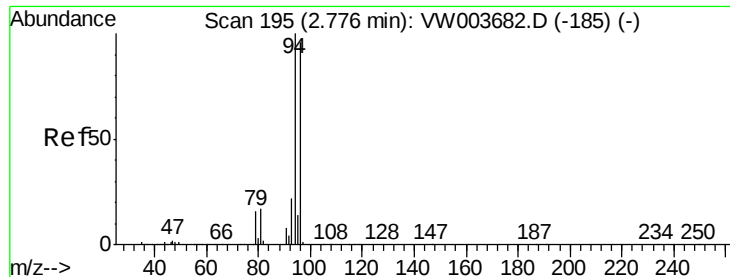
Tgt Ion: 62 Resp: 420144

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 146.926 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

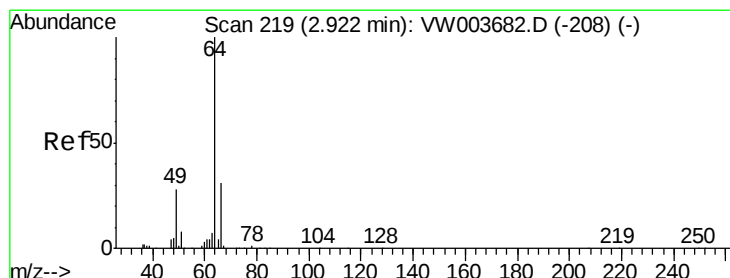
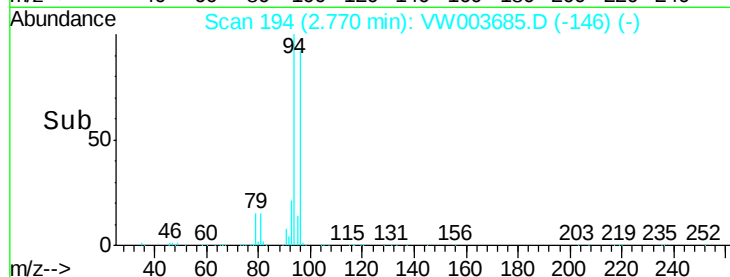
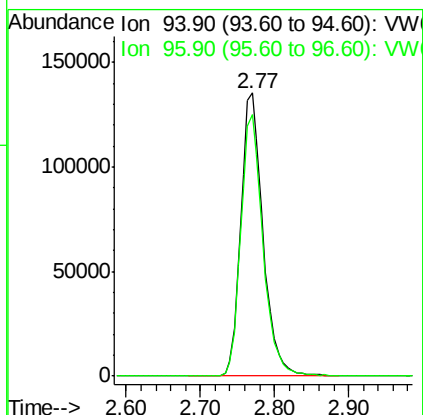
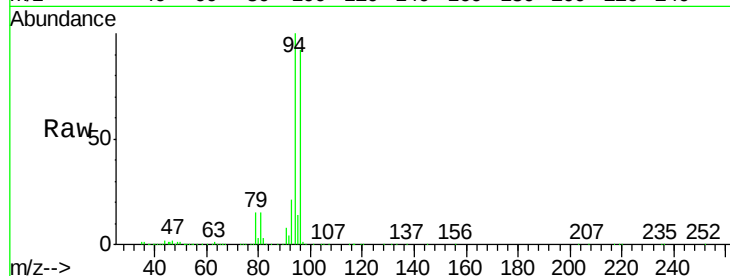
VSTDIC150

Tgt Ion: 94 Resp: 282656

Ion Ratio Lower Upper

94 100

96 92.3 76.6 115.0



#6

Chloroethane

Concen: 134.172 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW003685.D

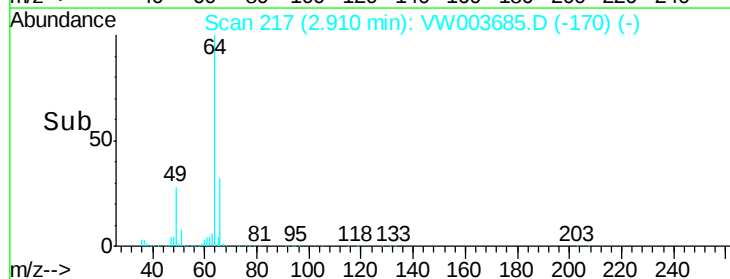
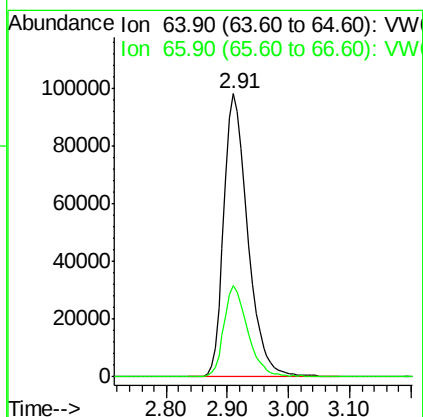
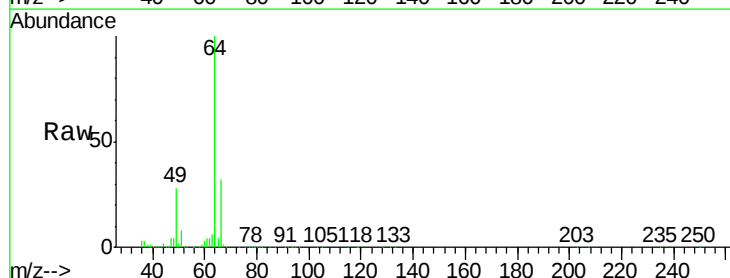
Acq: 02 Jul 2018 19:08

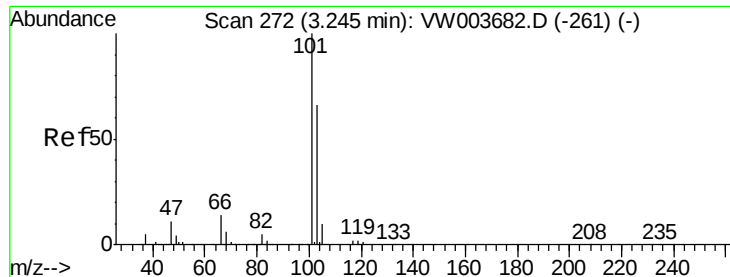
Tgt Ion: 64 Resp: 265851

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.6



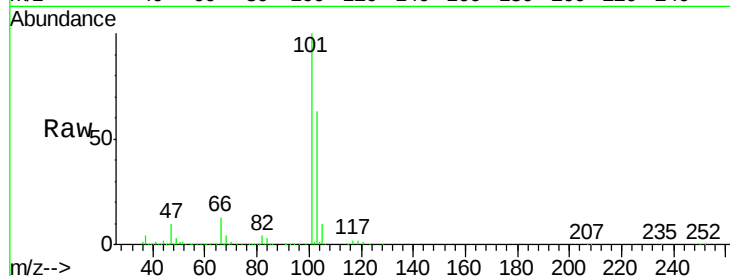


#7

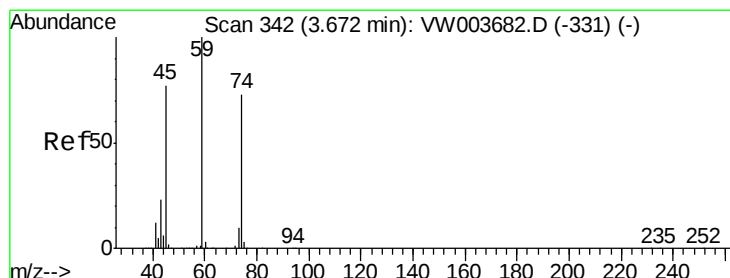
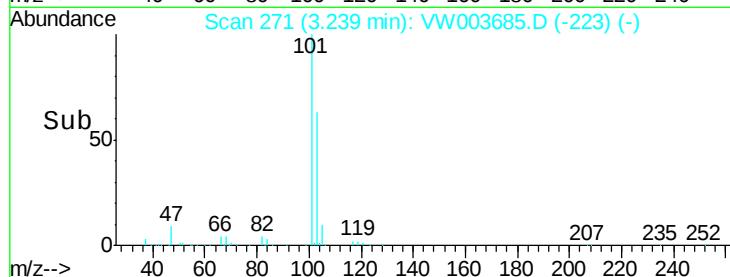
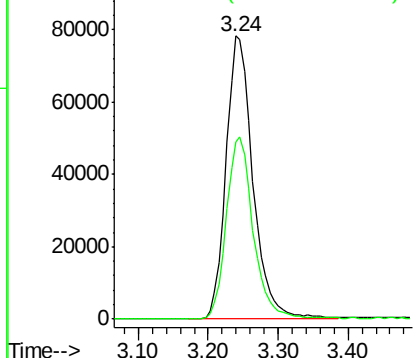
Trichlorofluoromethane
Concen: 123.519 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 101 Resp: 209600
Ion Ratio Lower Upper
101 100
103 62.8 52.9 79.3



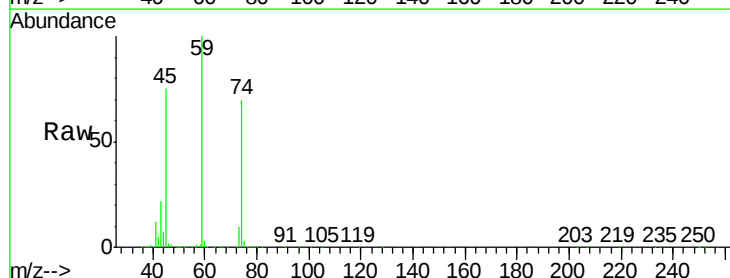
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



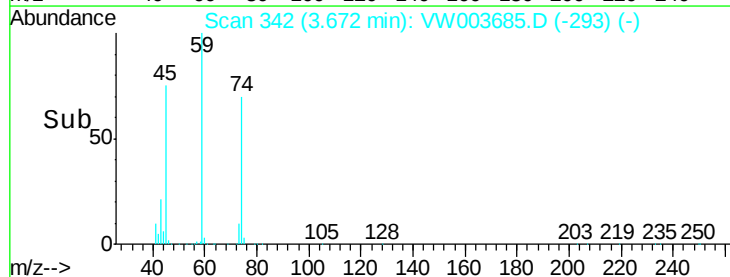
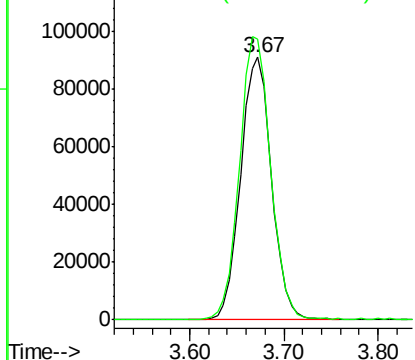
#8

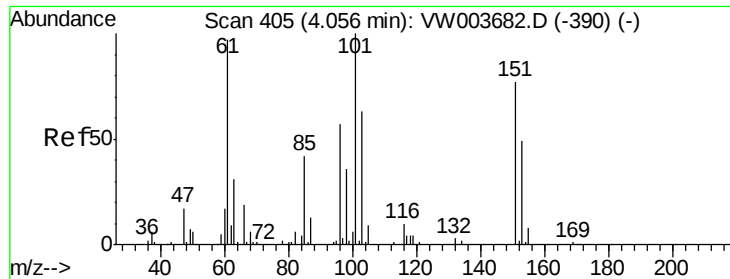
Diethyl Ether
Concen: 162.455 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 74 Resp: 209614
Ion Ratio Lower Upper
74 100
45 108.6 53.5 160.5



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 153.962 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

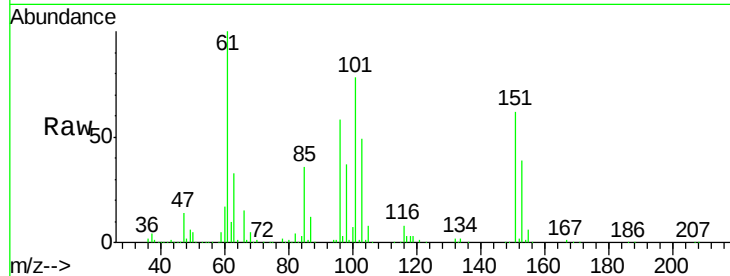
Tgt Ion:101 Resp: 374014

Ion Ratio Lower Upper

101 100

85 45.2 36.6 55.0

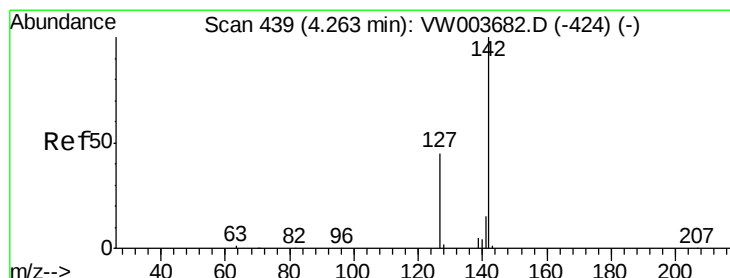
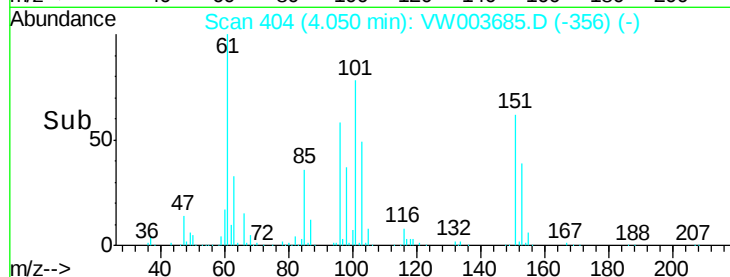
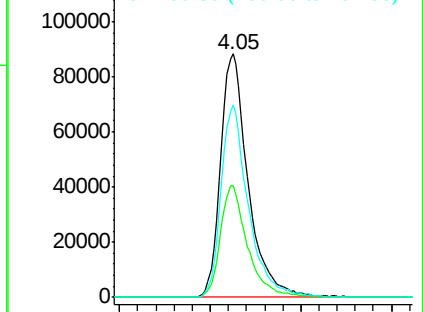
151 78.2 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 157.282 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

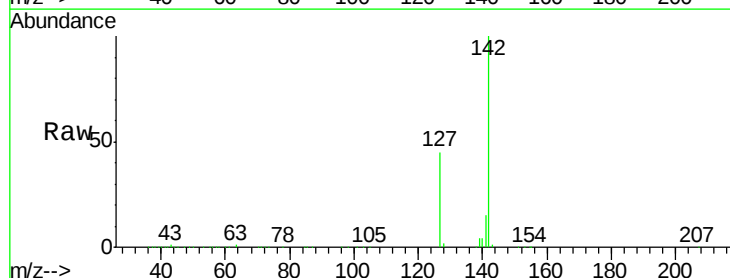
Tgt Ion:142 Resp: 576428

Ion Ratio Lower Upper

142 100

127 44.4 36.0 54.0

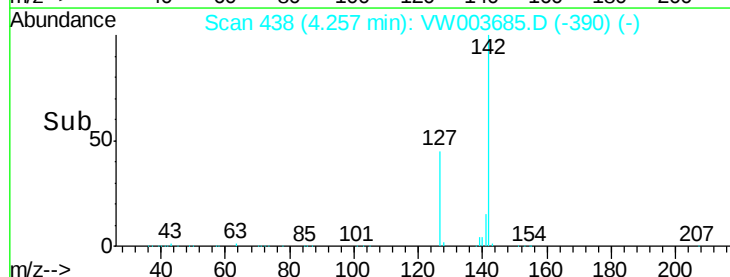
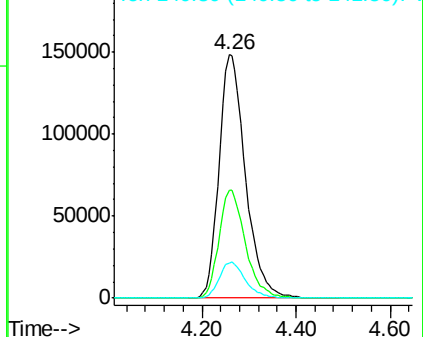
141 14.6 11.9 17.9

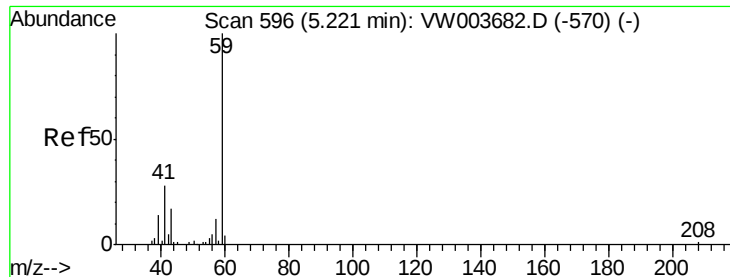


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



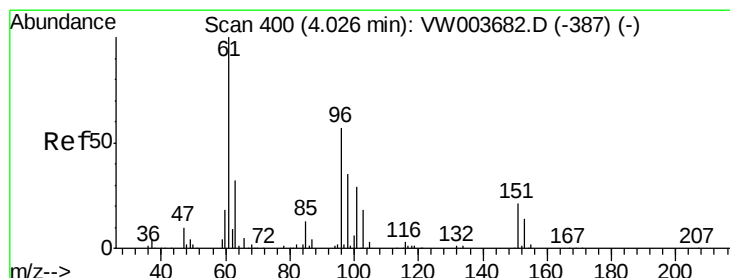
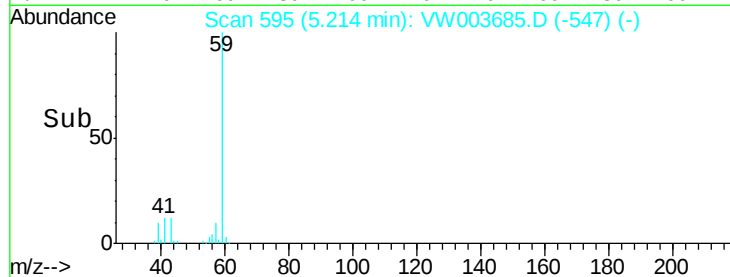
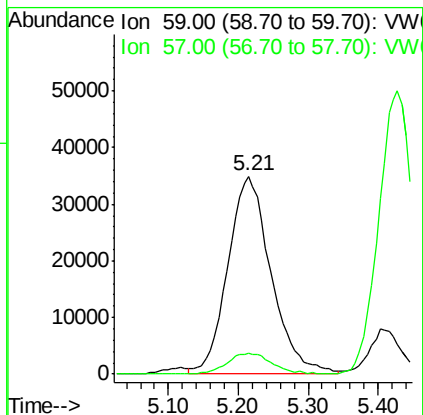
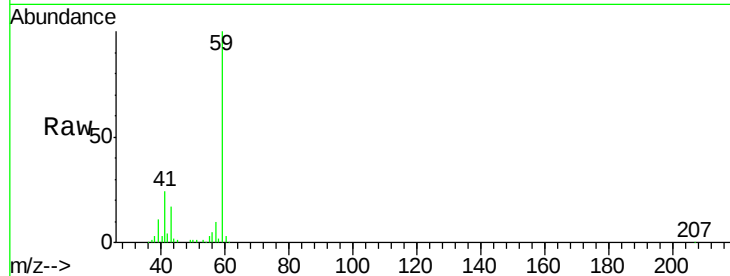


#11

Tert butyl alcohol
Concen: 966.729 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

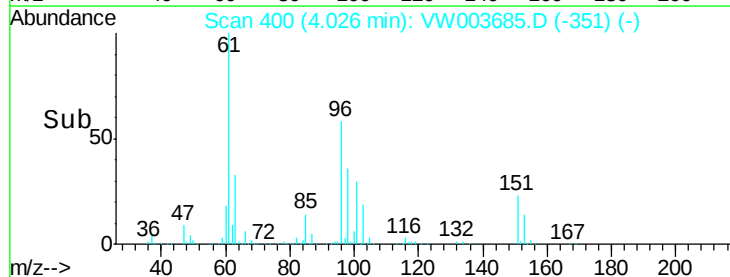
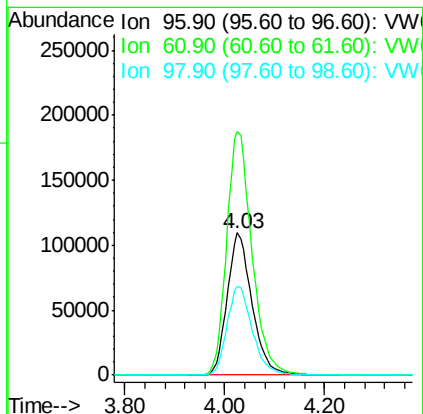
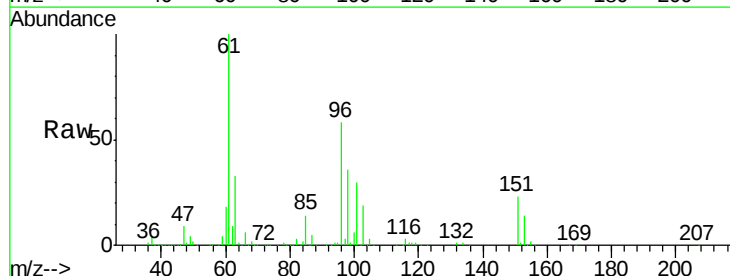
Tgt Ion: 59 Resp: 150059
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4

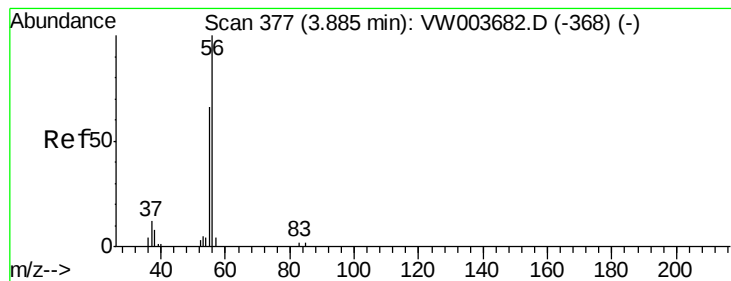


#12

1,1-Dichloroethene
Concen: 158.401 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 96 Resp: 378646
Ion Ratio Lower Upper
96 100
61 171.4 140.6 211.0
98 62.4 49.4 74.0





#13

Acrolein

Concen: 216.145 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

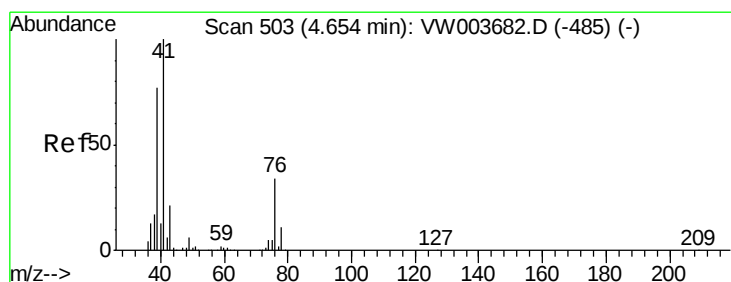
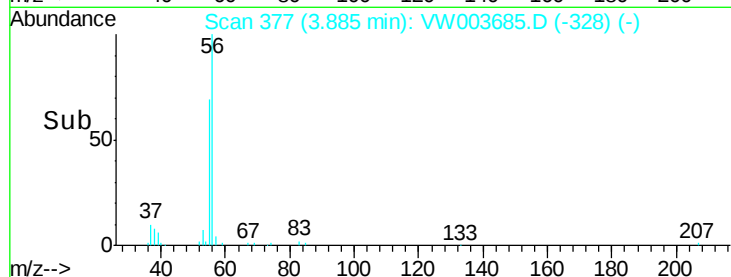
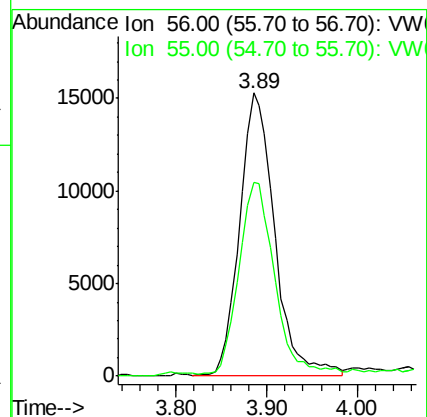
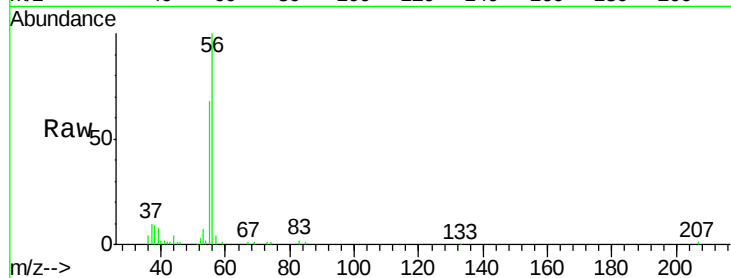
VSTDIC150

Tgt Ion: 56 Resp: 41122

Ion Ratio Lower Upper

56 100

55 68.7 54.7 82.1



#14

Allyl chloride

Concen: 163.971 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

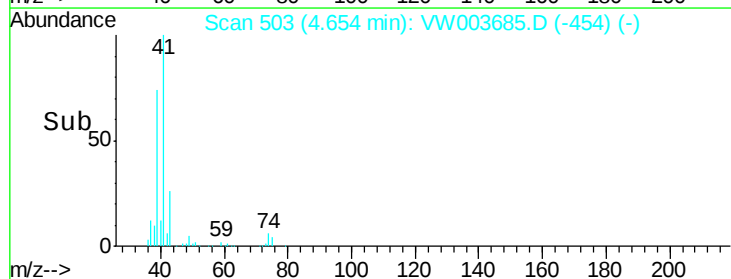
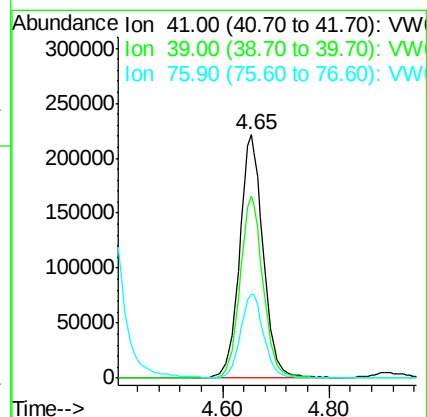
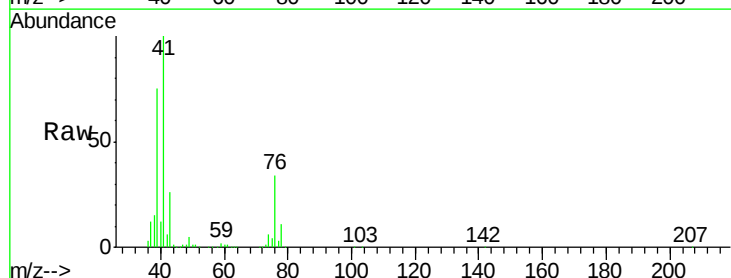
Tgt Ion: 41 Resp: 675065

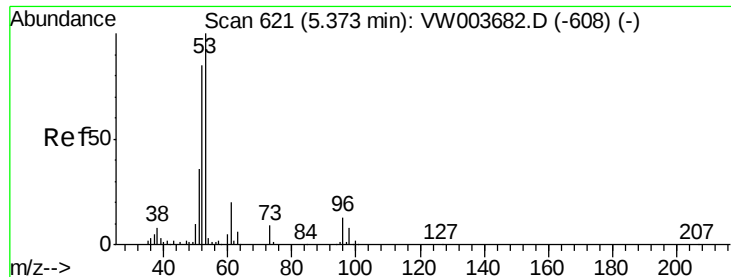
Ion Ratio Lower Upper

41 100

39 73.1 60.1 90.1

76 33.6 27.2 40.8





#15

Acrylonitrile

Concen: 959.023 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

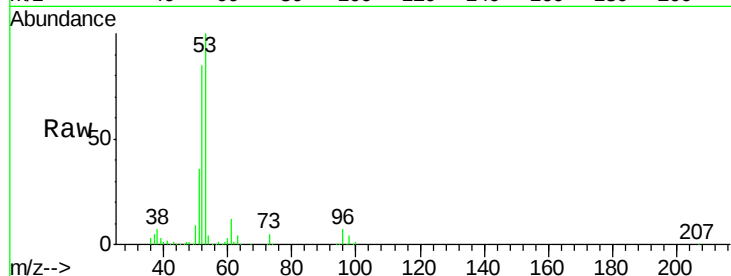
Tgt Ion: 53 Resp: 518546

Ion Ratio Lower Upper

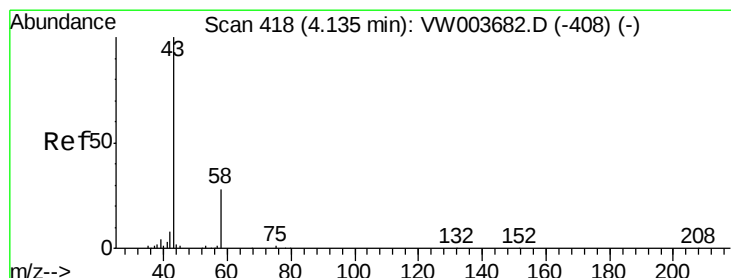
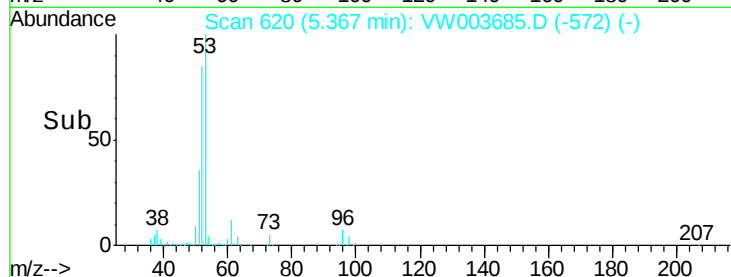
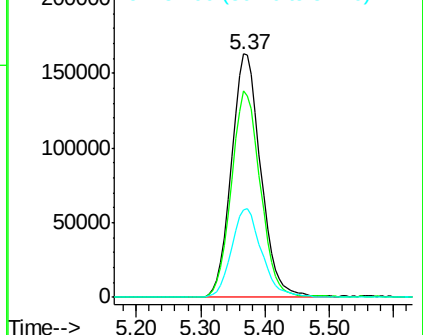
53 100

52 83.6 66.8 100.2

51 37.5 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 847.094 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003685.D

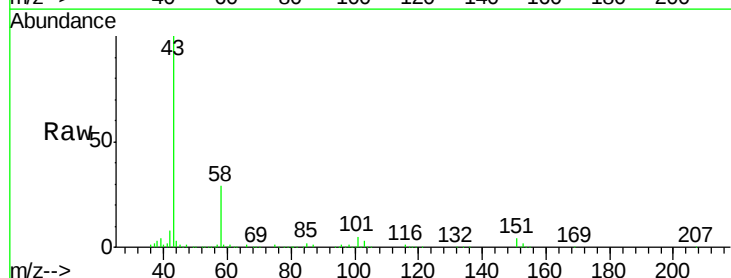
Acq: 02 Jul 2018 19:08

Tgt Ion: 43 Resp: 515224

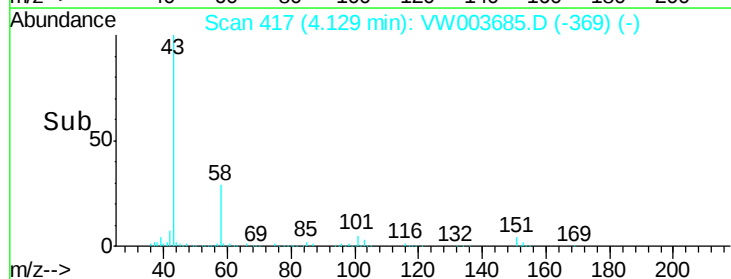
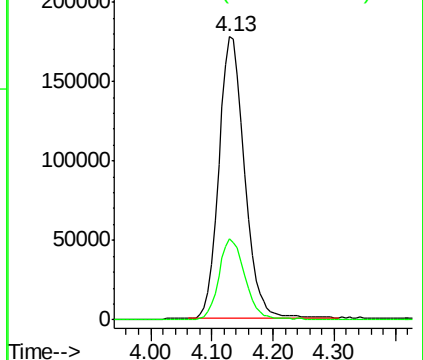
Ion Ratio Lower Upper

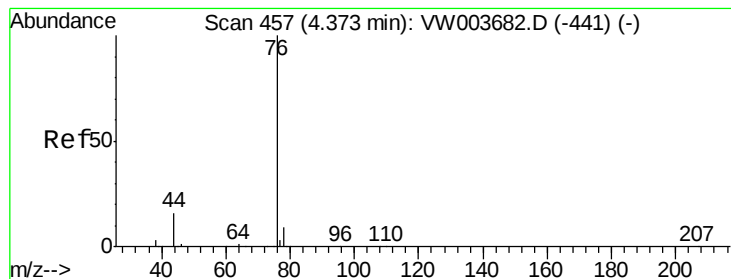
43 100

58 28.7 22.7 34.1



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





#17

Carbon Disulfide

Concen: 169.249 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

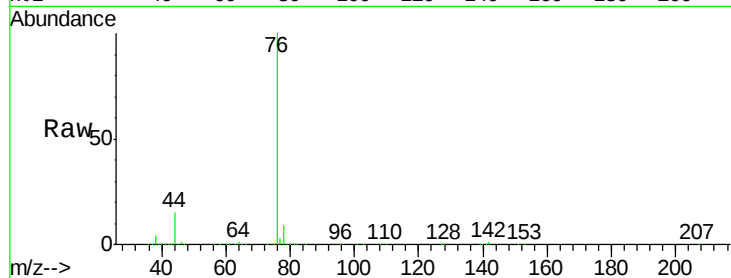
VSTDIC150

Tgt Ion: 76 Resp: 1210288

Ion Ratio Lower Upper

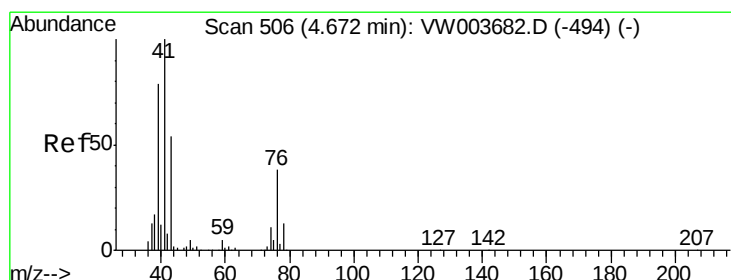
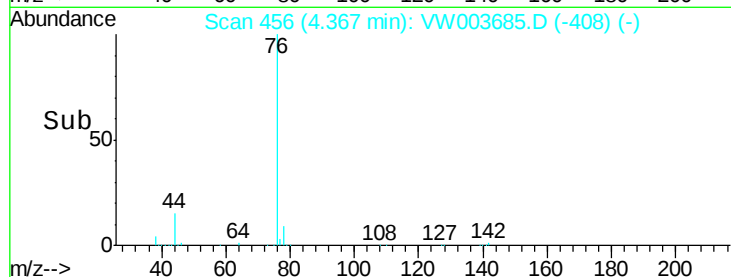
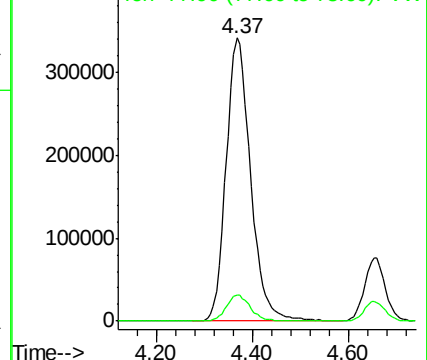
76 100

78 9.2 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: 172.970 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003685.D

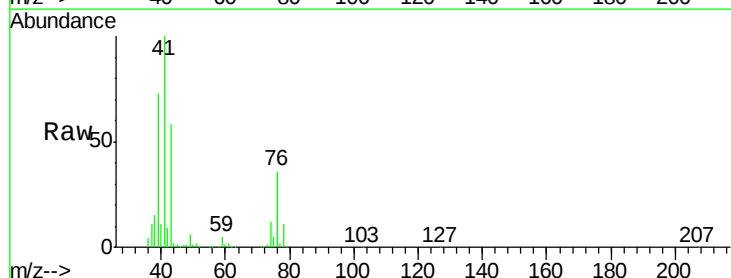
Acq: 02 Jul 2018 19:08

Tgt Ion: 43 Resp: 244573

Ion Ratio Lower Upper

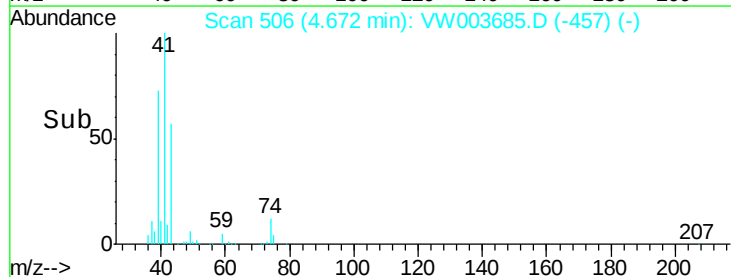
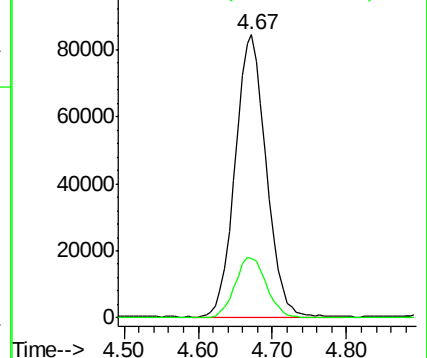
43 100

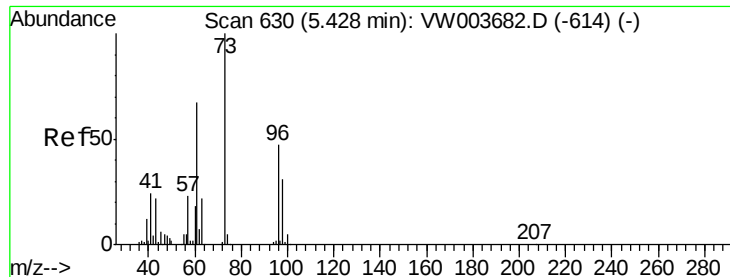
74 22.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



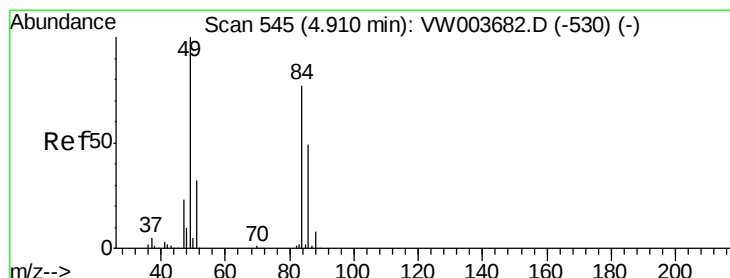
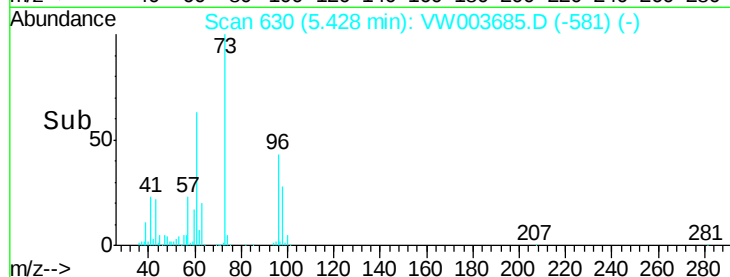
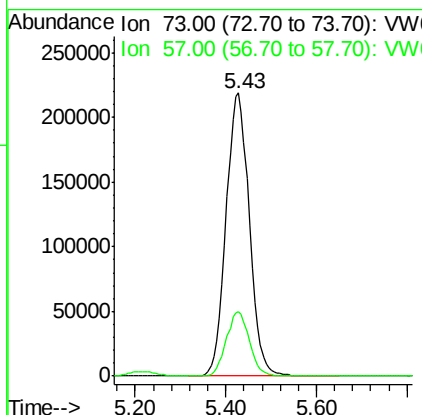
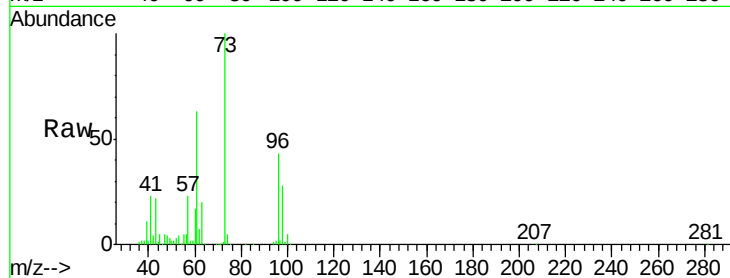


#19

Methyl tert-butyl Ether
 Concen: 173.136 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

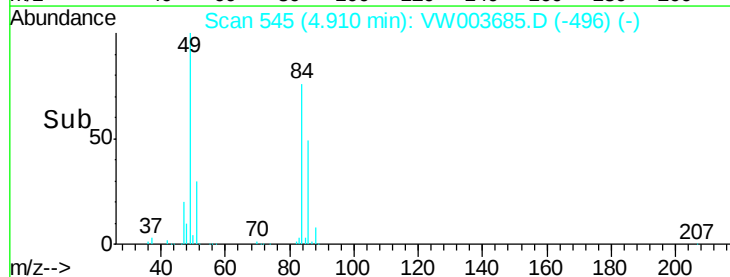
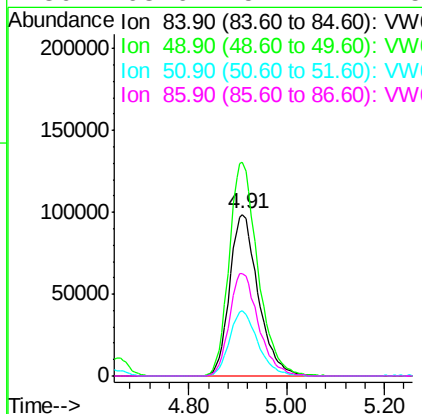
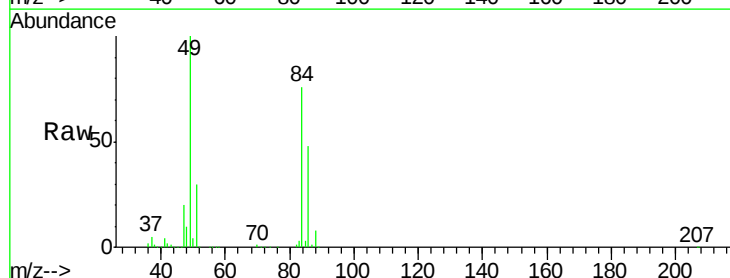
Tgt Ion: 73 Resp: 776055
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.1 27.1

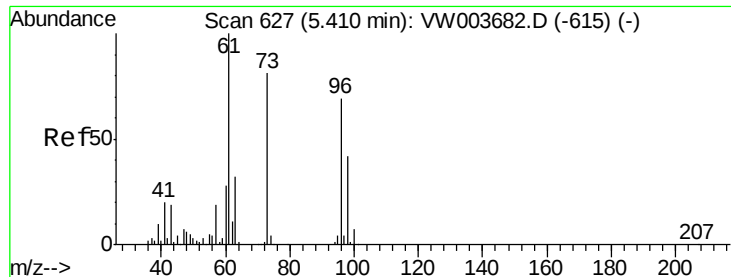


#20

Methylene Chloride
 Concen: 135.531 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion: 84 Resp: 400484
 Ion Ratio Lower Upper
 84 100
 49 131.9 104.6 156.8
 51 40.1 33.2 49.8
 86 63.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 163.253 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

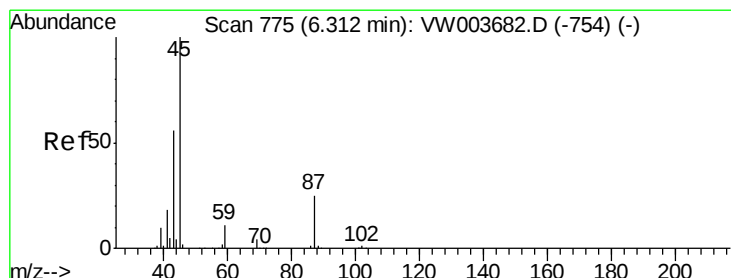
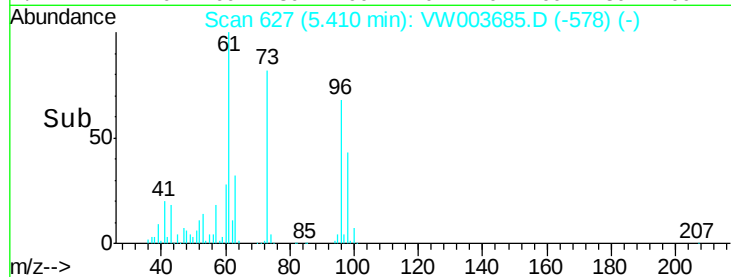
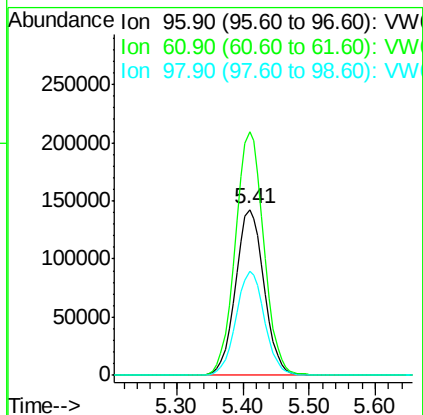
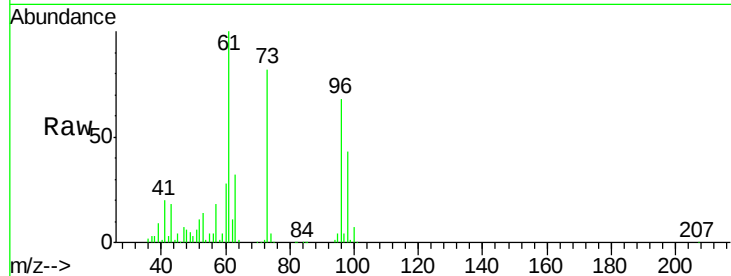
Tgt Ion: 96 Resp: 425919

Ion Ratio Lower Upper

96 100

61 146.9 116.8 175.2

98 62.9 49.6 74.4



#22

Diisopropyl ether

Concen: 163.079 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Tgt Ion: 45 Resp: 1355874

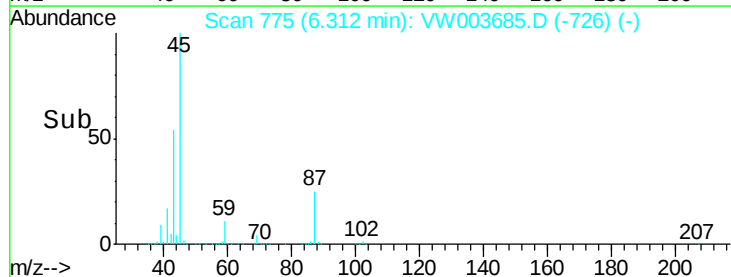
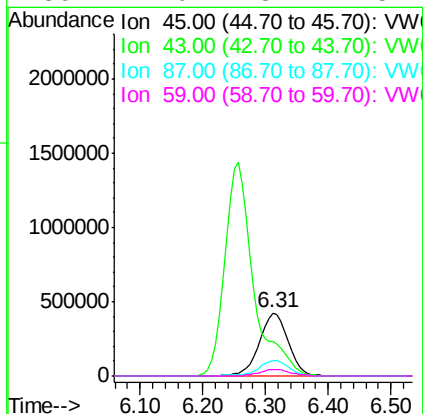
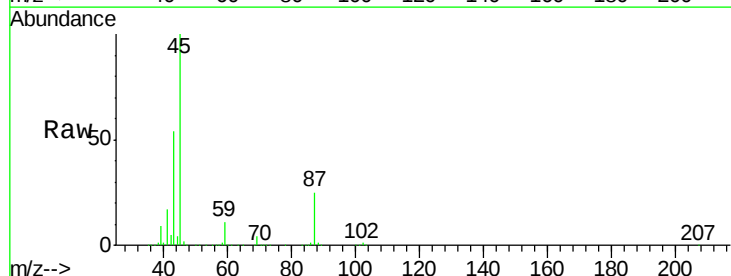
Ion Ratio Lower Upper

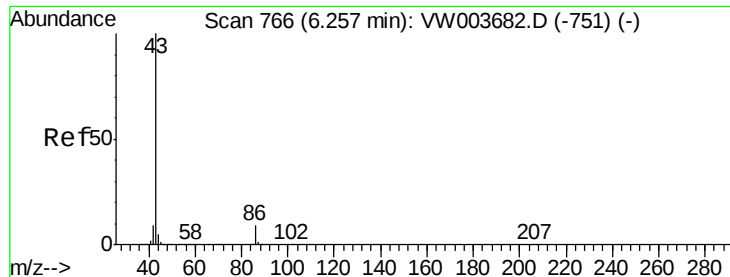
45 100

43 54.2 44.5 66.7

87 24.5 20.2 30.4

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 939.772 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

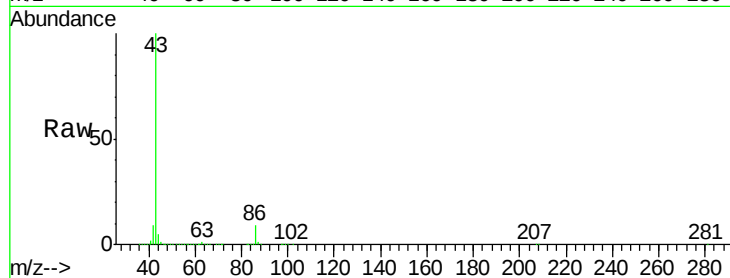
VSTDIC150

Tgt Ion: 43 Resp: 4566236

Ion Ratio Lower Upper

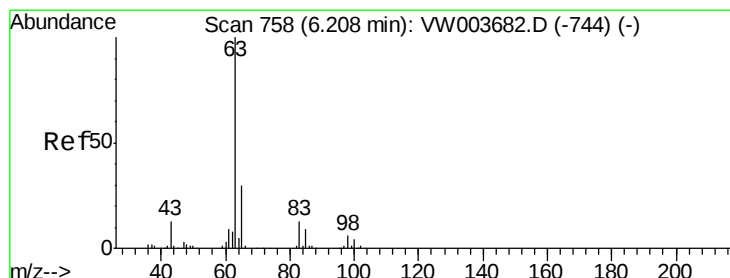
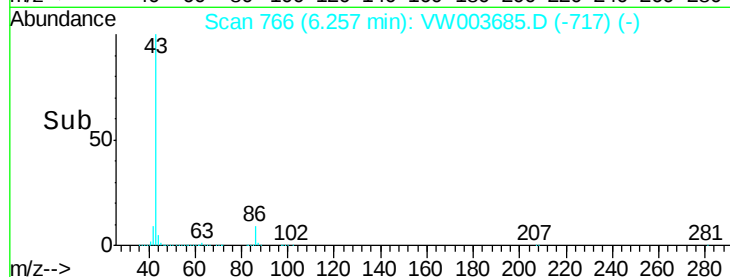
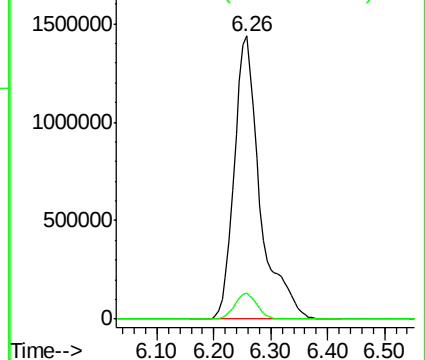
43 100

86 9.3 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 160.017 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

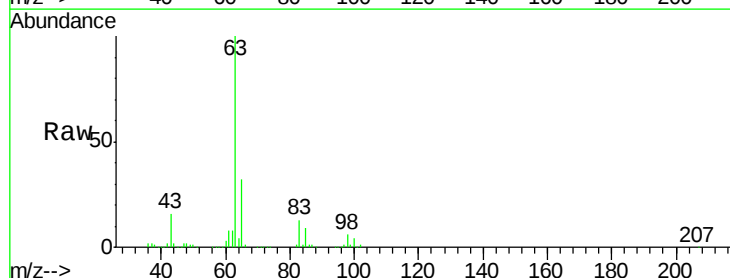
Tgt Ion: 63 Resp: 789718

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.6

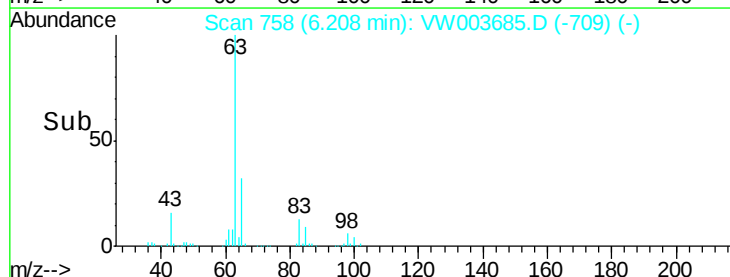
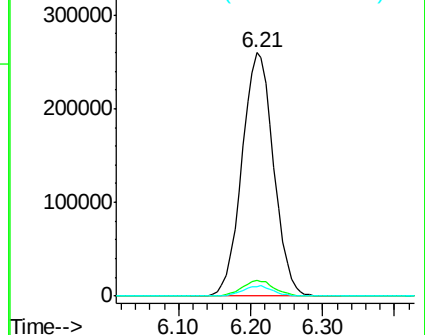
100 3.8 1.9 5.7

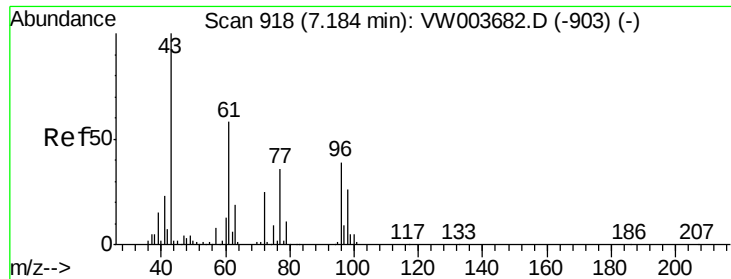


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 990.170 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

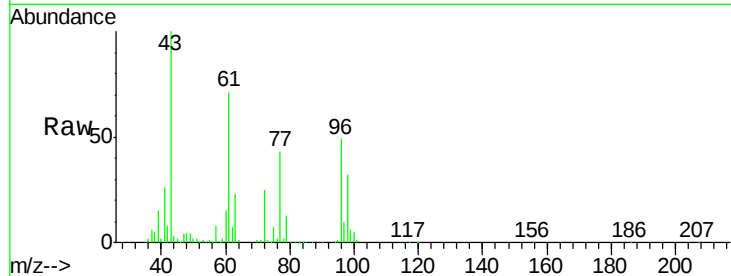
VSTDIC150

Tgt Ion: 43 Resp: 754920

Ion Ratio Lower Upper

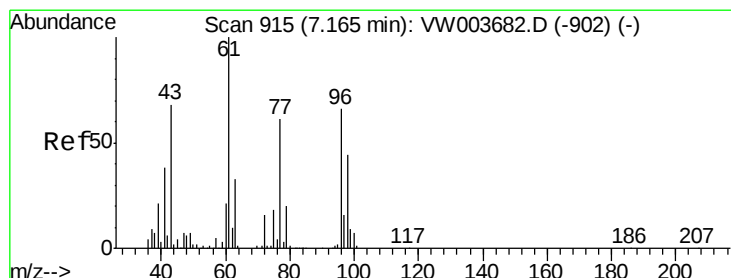
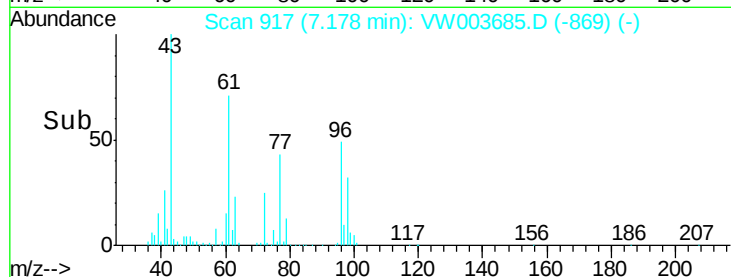
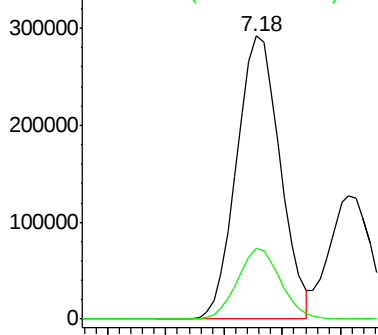
43 100

72 25.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 135.458 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003685.D

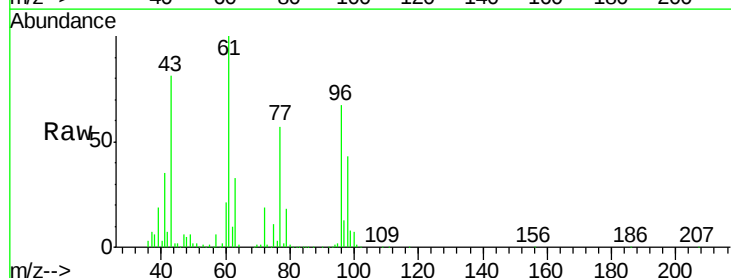
Acq: 02 Jul 2018 19:08

Tgt Ion: 77 Resp: 438096

Ion Ratio Lower Upper

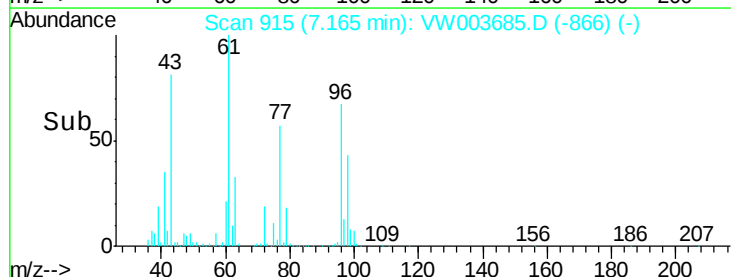
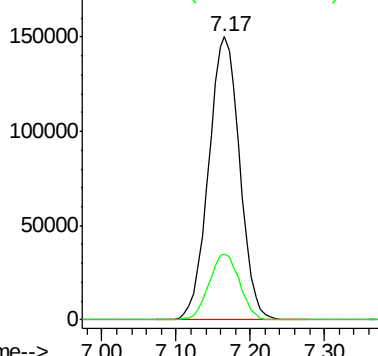
77 100

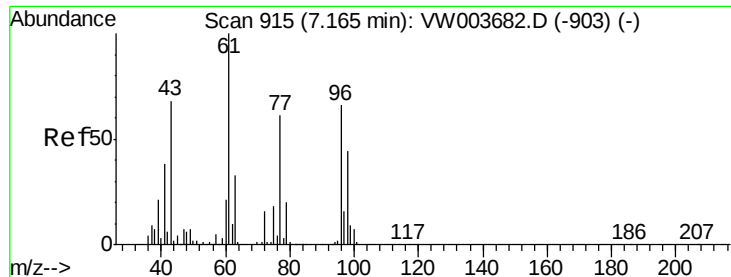
97 23.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



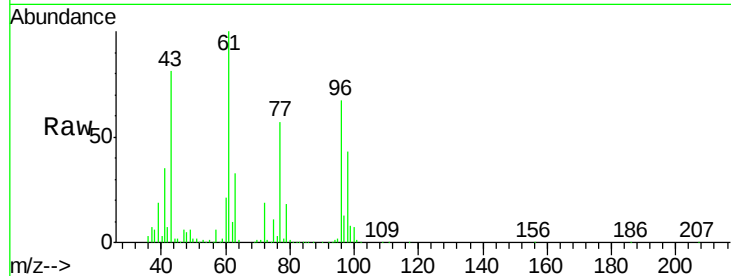


#27

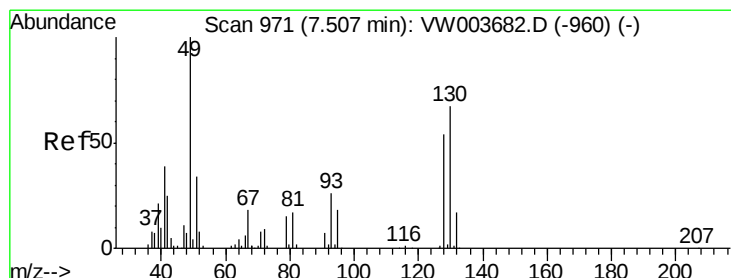
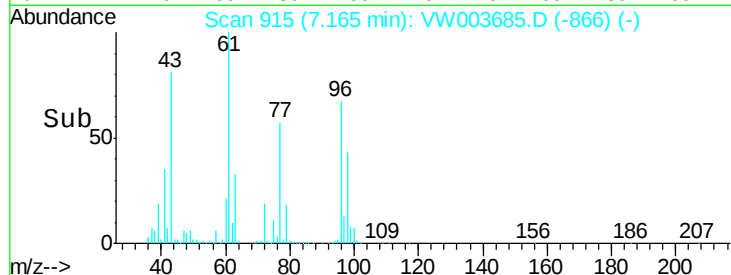
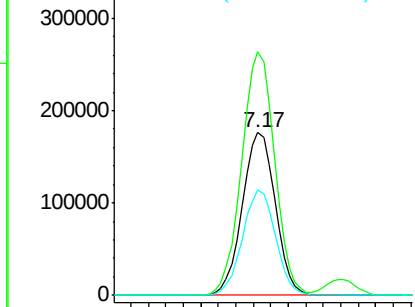
cis-1,2-Dichloroethene
 Concen: 163.195 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 463316
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 305.0
 98 64.8 0.0 129.6



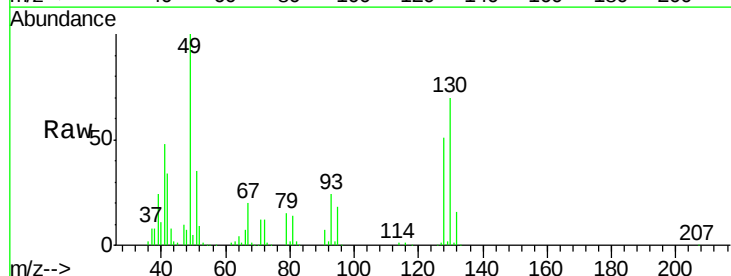
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



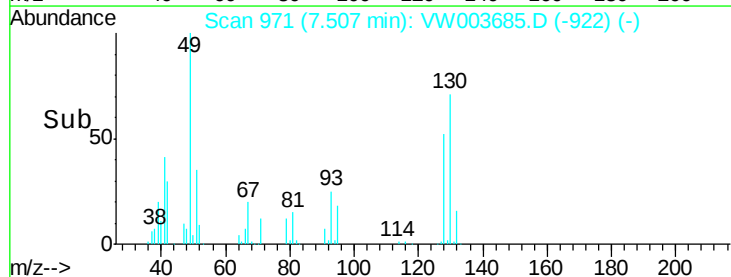
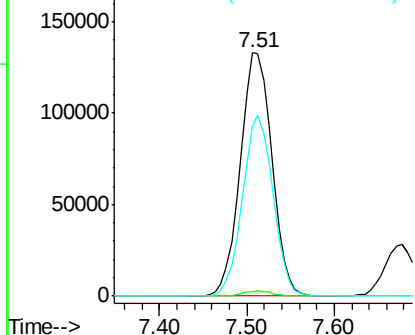
#28

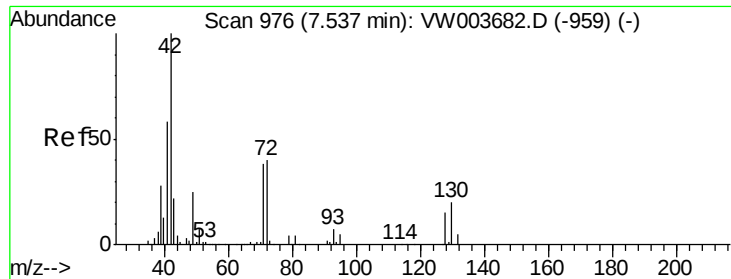
Bromochloromethane
 Concen: 164.039 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion: 49 Resp: 336088
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.0
 130 71.4 57.0 85.6



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

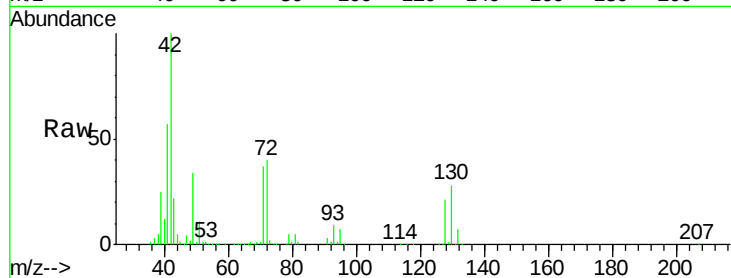




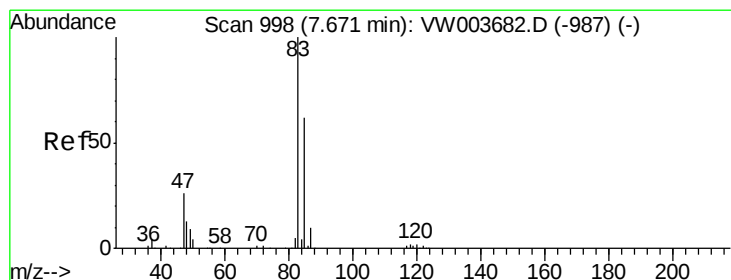
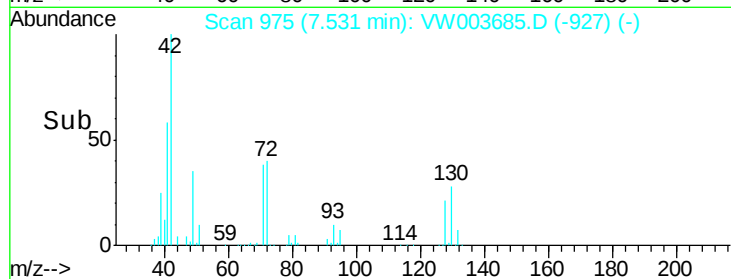
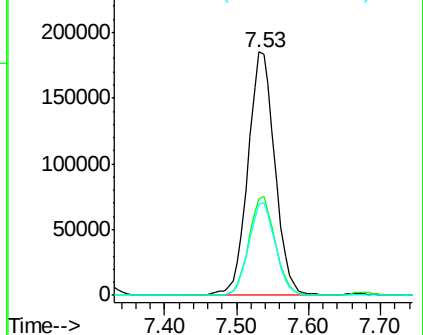
#29
Tetrahydrofuran
Concen: 1024.211 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 479034
Ion Ratio Lower Upper
42 100
72 39.7 32.0 48.0
71 37.5 30.2 45.2

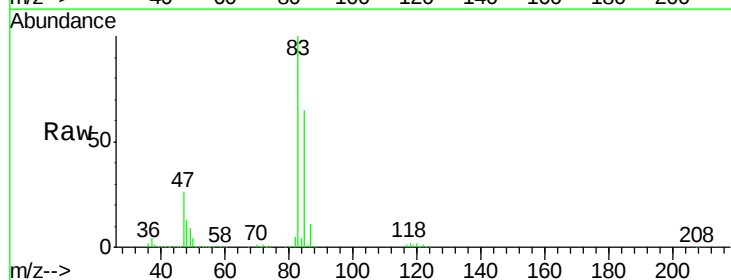


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

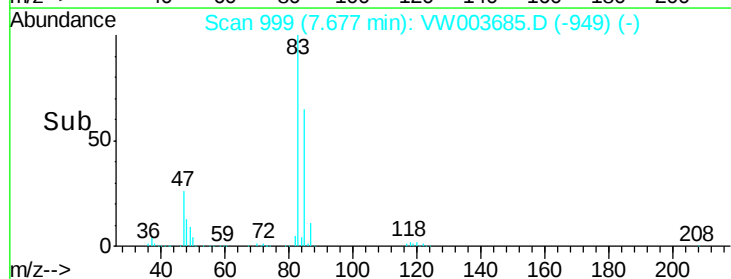
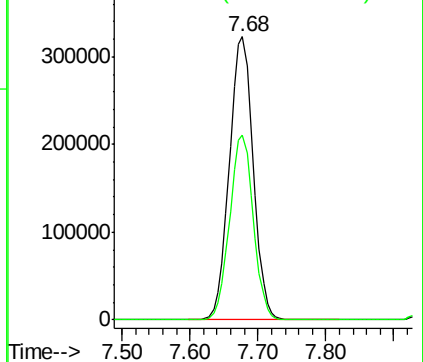


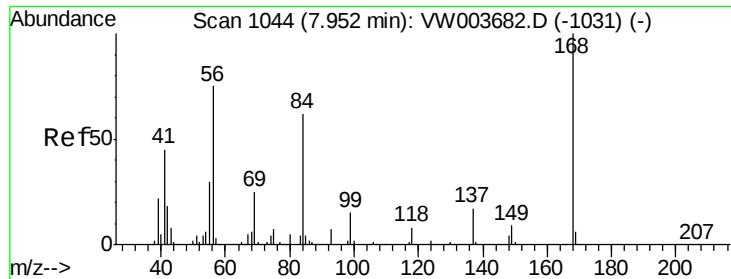
#30
Chloroform
Concen: 156.359 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 83 Resp: 783150
Ion Ratio Lower Upper
83 100
85 65.4 49.7 74.5



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

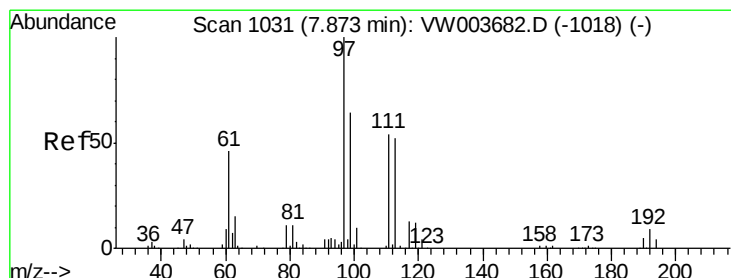
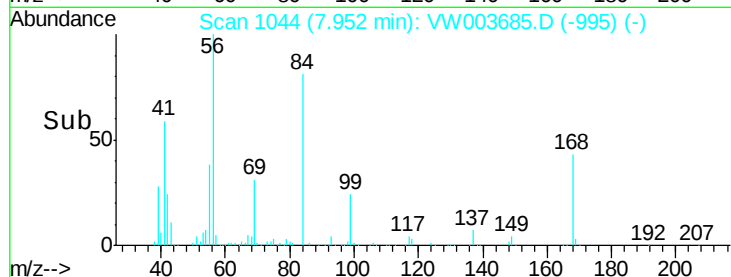
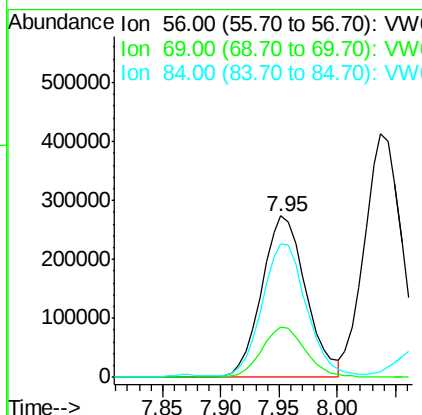
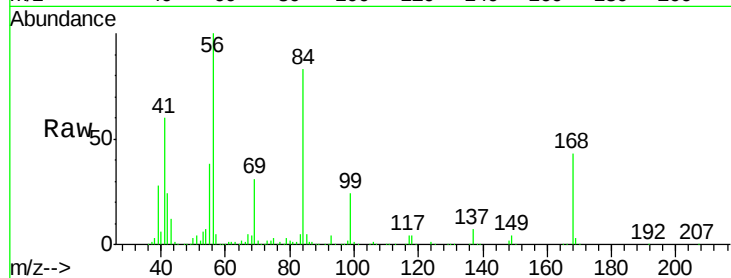




#31
Cyclohexane
Concen: 155.889 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

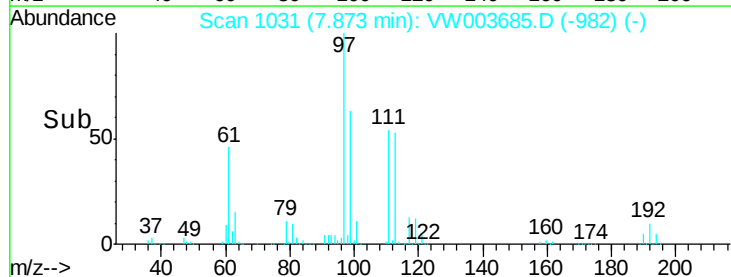
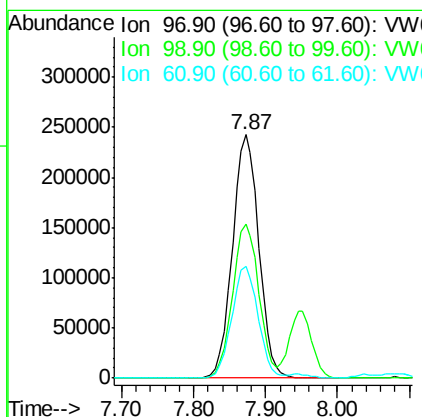
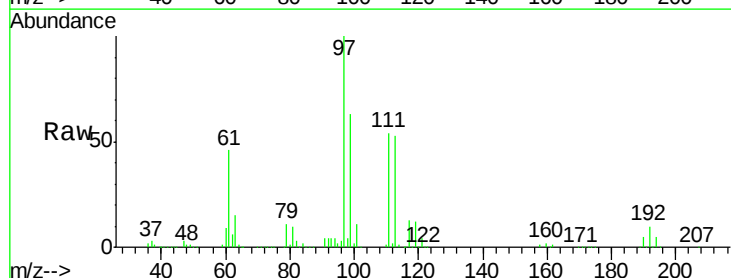
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

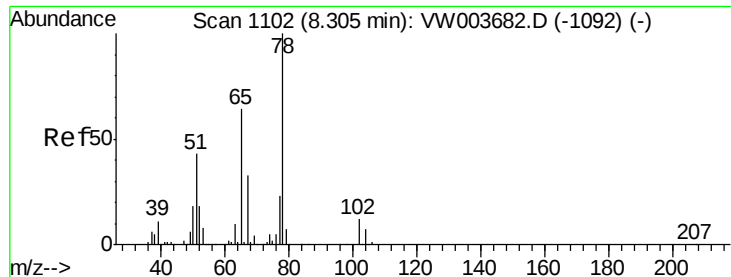
Tgt Ion: 56 Resp: 721049
Ion Ratio Lower Upper
56 100
69 30.9 27.0 40.4
84 81.1 65.4 98.0



#32
1,1,1-Trichloroethane
Concen: 149.986 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 97 Resp: 614789
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 46.0 37.2 55.8

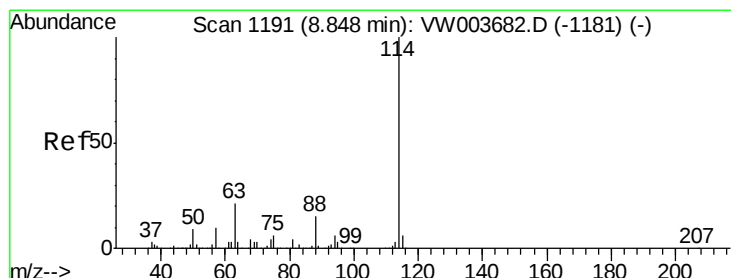
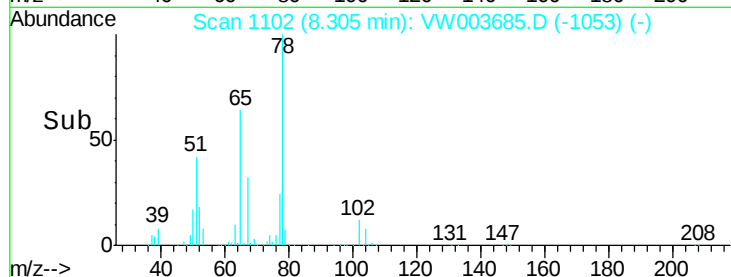
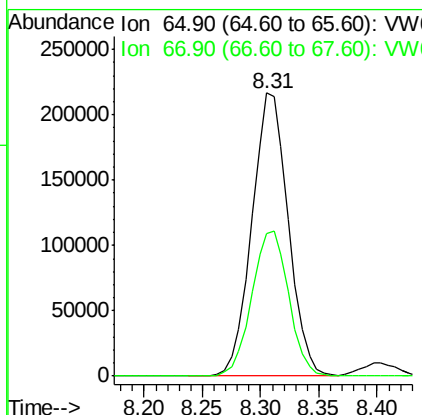
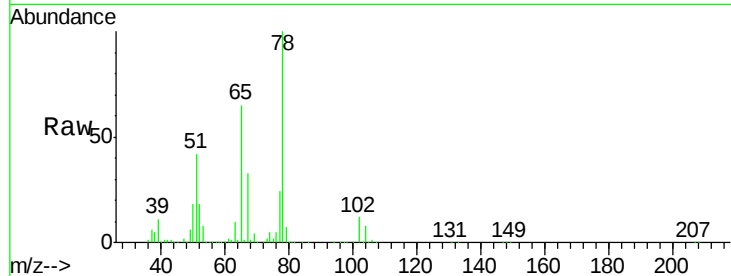




#33
 1,2-Dichloroethane-d4
 Concen: 164.853 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

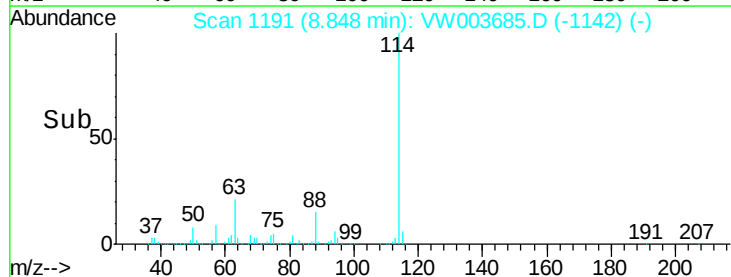
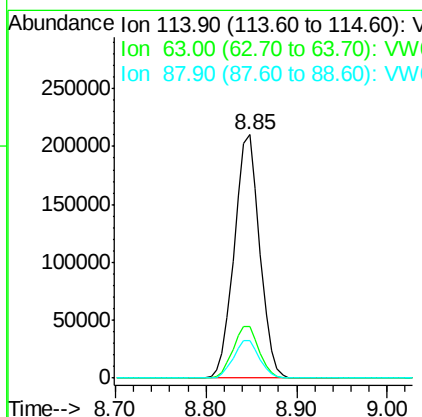
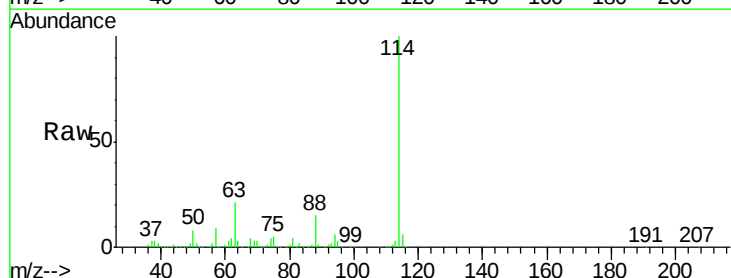
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

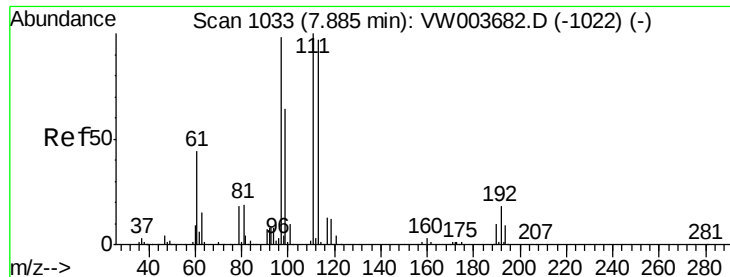
Tgt Ion: 65 Resp: 471153
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion: 114 Resp: 407275
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.6
 88 15.4 0.0 29.8

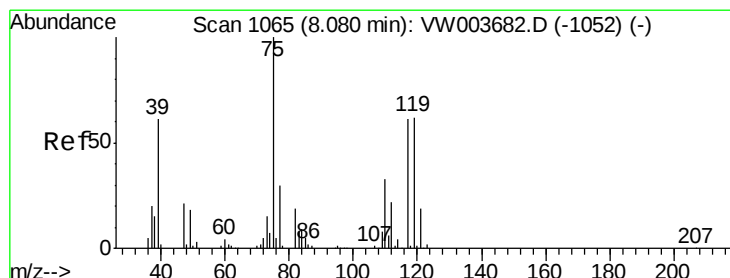
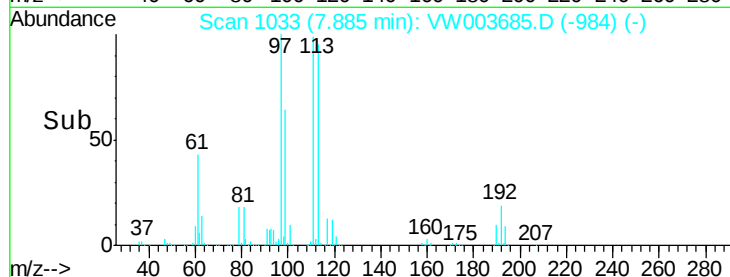
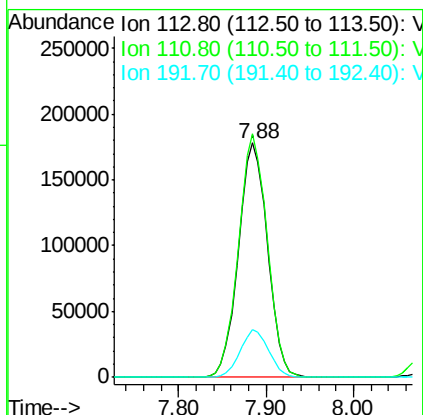
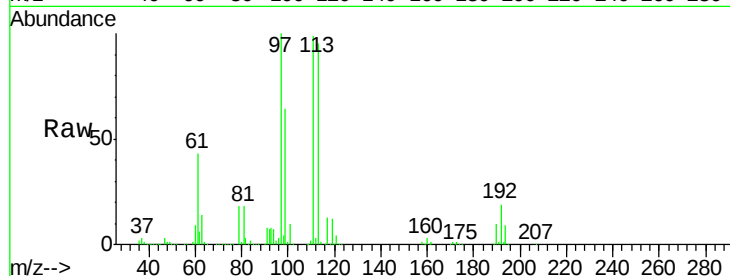




#35
Dibromofluoromethane
Concen: 159.907 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

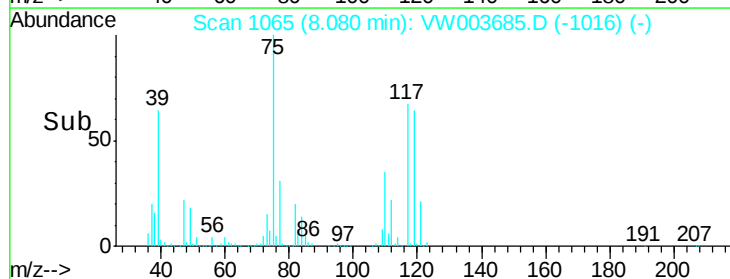
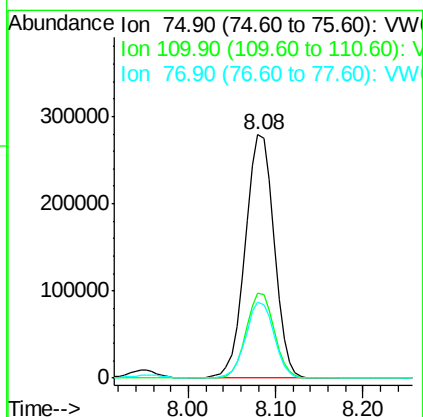
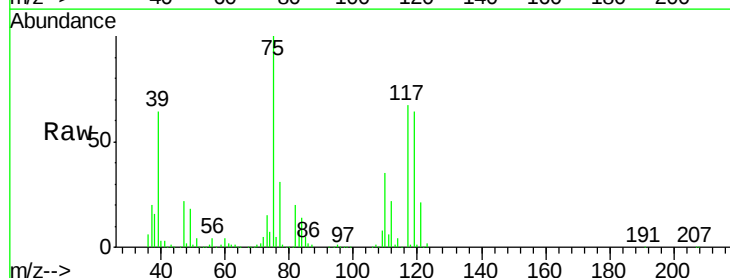
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

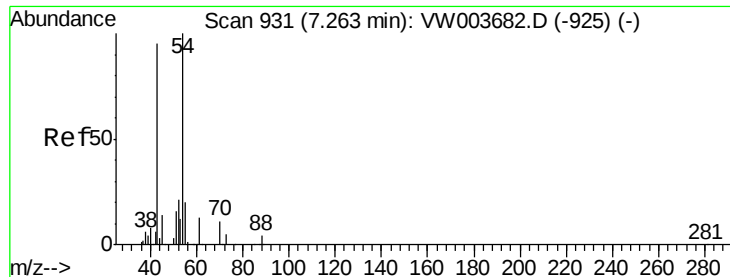
Tgt Ion: 113 Resp: 411192
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 20.0 15.8 23.6



#36
1,1-Dichloropropene
Concen: 159.590 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 75 Resp: 639399
Ion Ratio Lower Upper
75 100
110 34.0 16.9 50.6
77 31.0 24.9 37.3

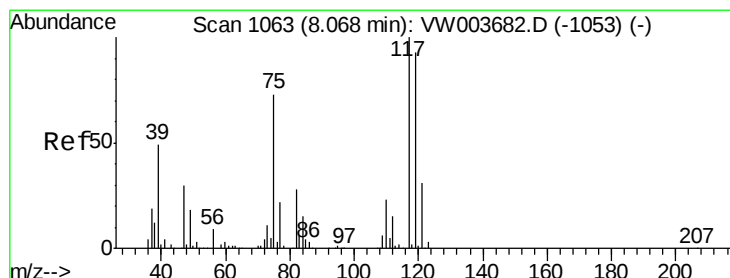
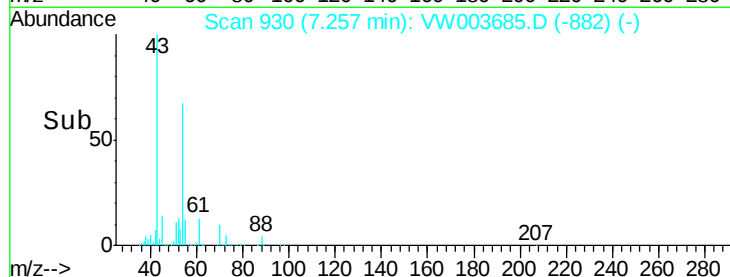
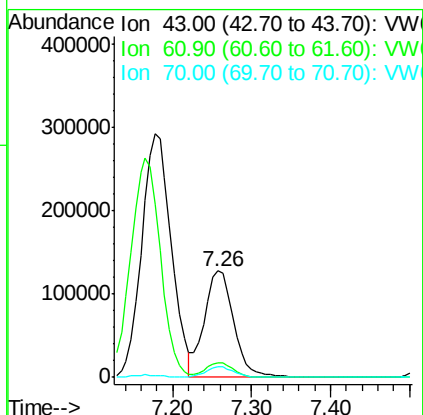
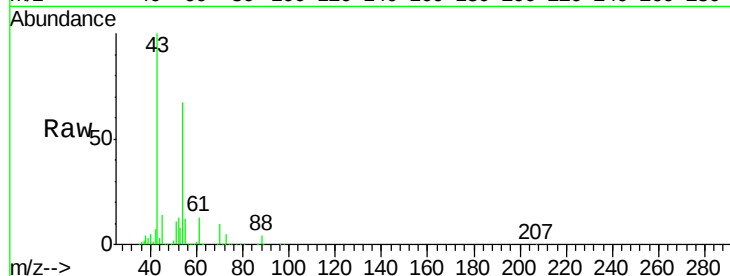




#37
Ethyl Acetate
Concen: 195.325 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

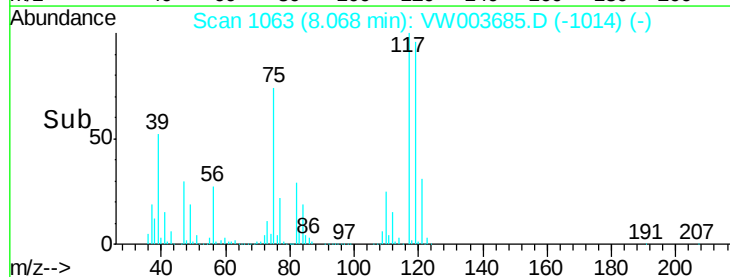
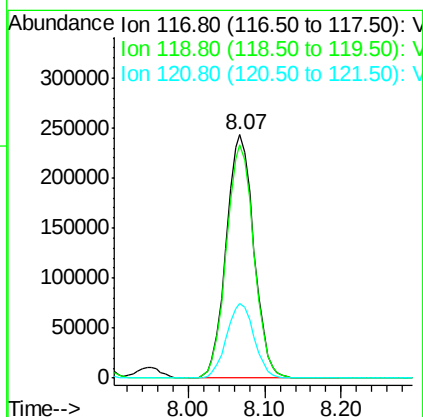
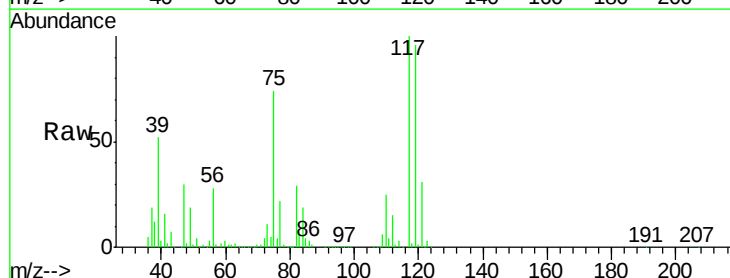
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

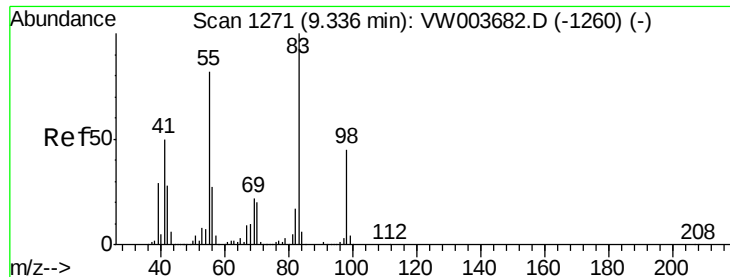
Tgt Ion: 43 Resp: 331761
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 155.584 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 117 Resp: 606285
Ion Ratio Lower Upper
117 100
119 95.8 74.1 111.1
121 30.7 25.0 37.4

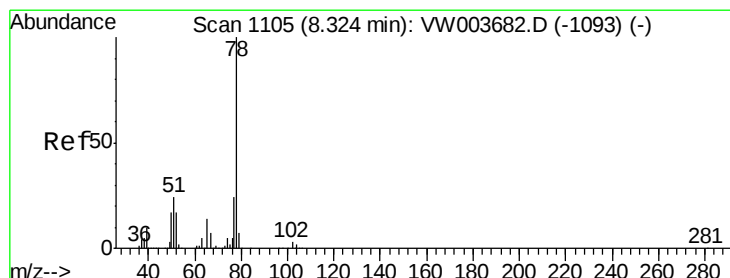
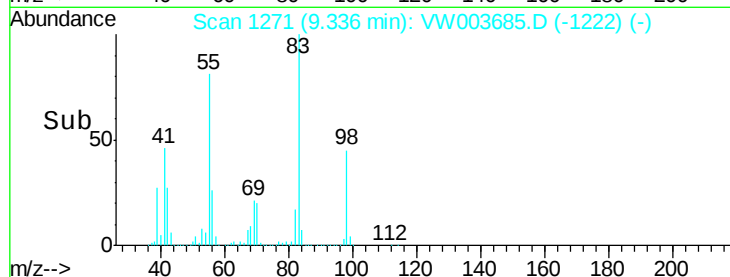
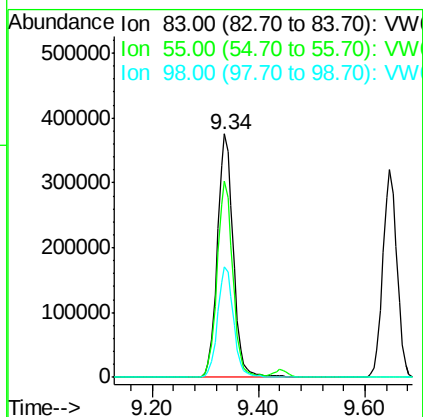
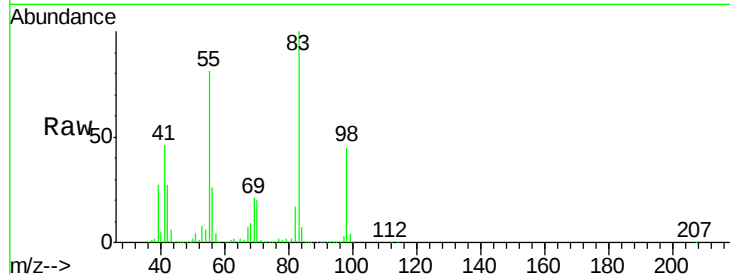




#39
Methylcyclohexane
Concen: 168.273 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

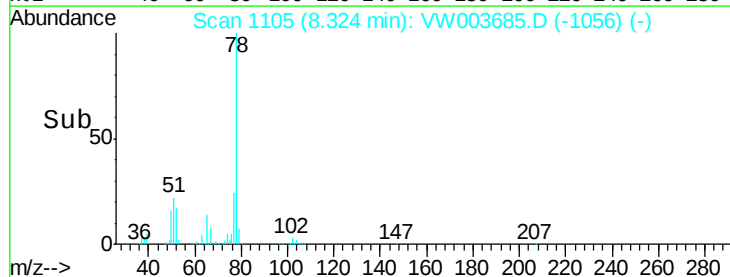
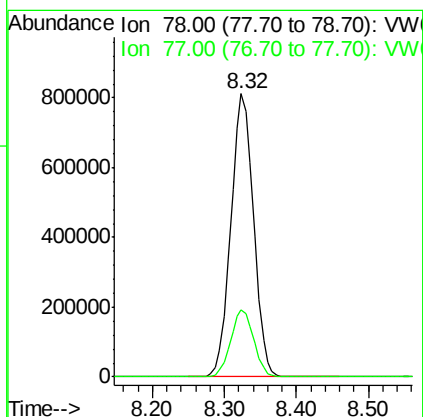
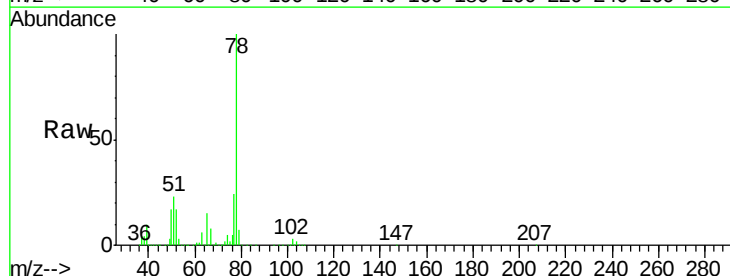
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

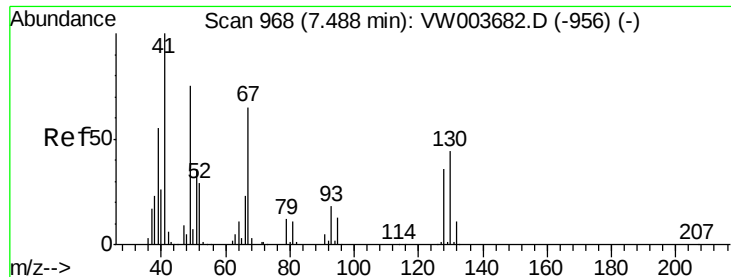
Tgt Ion: 83 Resp: 782389
Ion Ratio Lower Upper
83 100
55 80.6 65.3 97.9
98 45.4 36.3 54.5



#40
Benzene
Concen: 161.194 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 78 Resp: 1780898
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

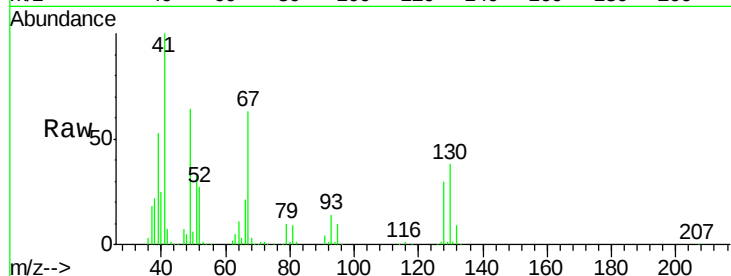




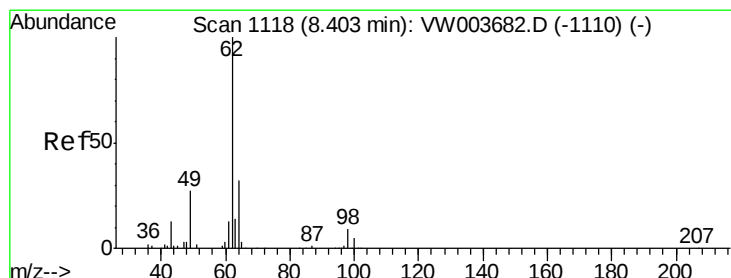
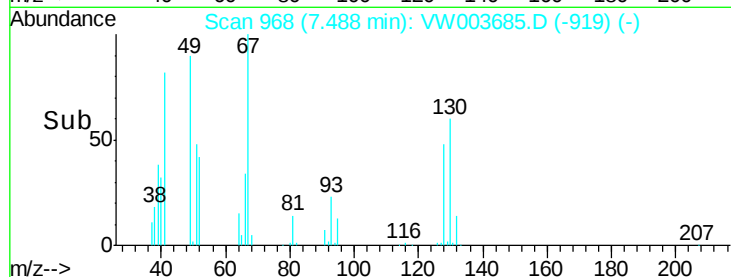
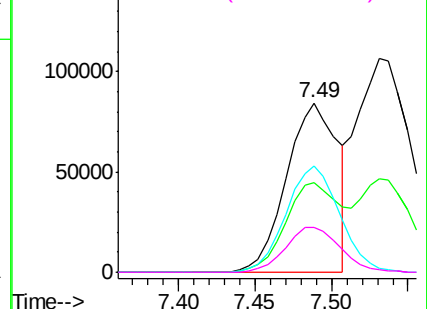
#41
Methacrylonitrile
Concen: 190.102 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 195601
Ion Ratio Lower Upper
41 100
39 59.8 47.8 71.8
67 65.8 53.9 80.9
52 28.4 25.0 37.6

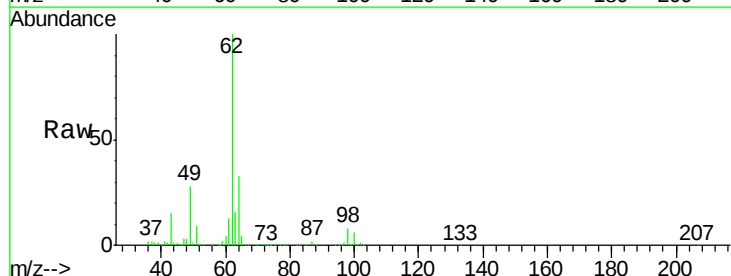


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

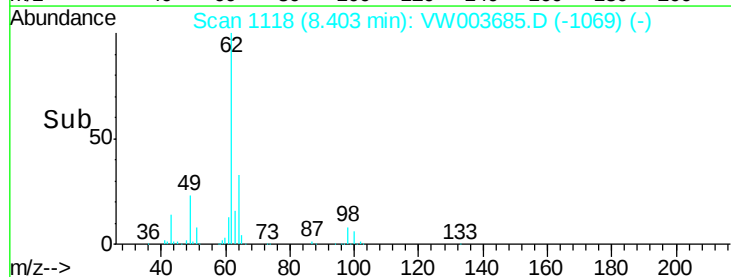
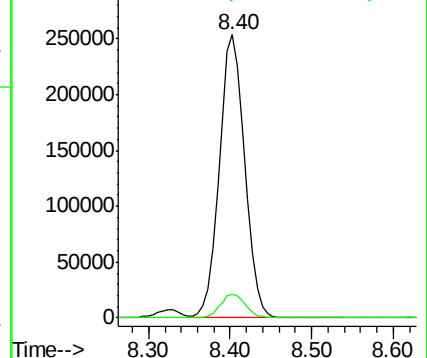


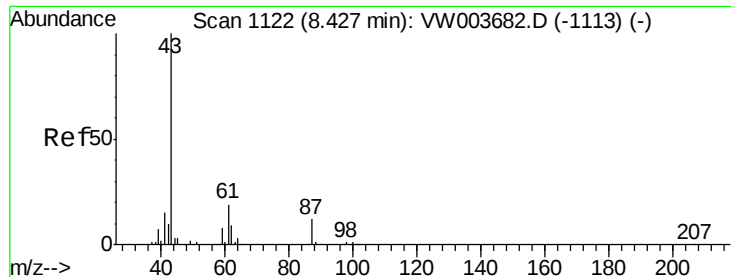
#42
1,2-Dichloroethane
Concen: 158.959 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 62 Resp: 549579
Ion Ratio Lower Upper
62 100
98 8.4 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: 190.685 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

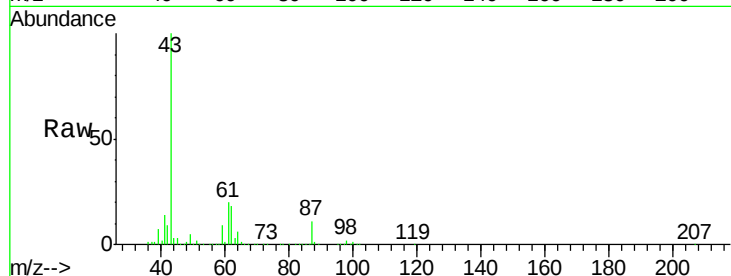
Tgt Ion: 43 Resp: 635980

Ion Ratio Lower Upper

43 100

61 27.6 23.0 34.6

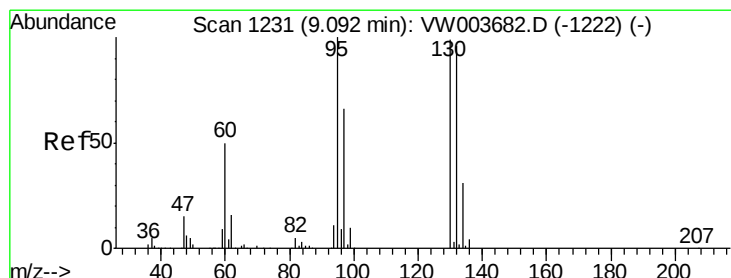
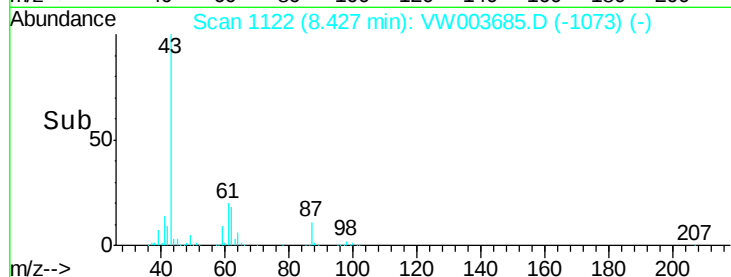
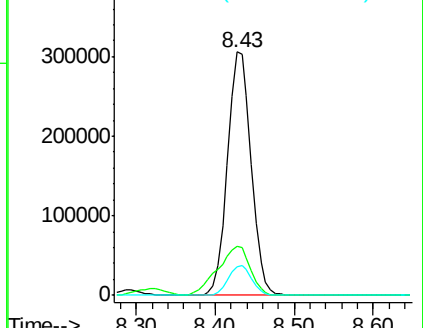
87 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 158.495 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003685.D

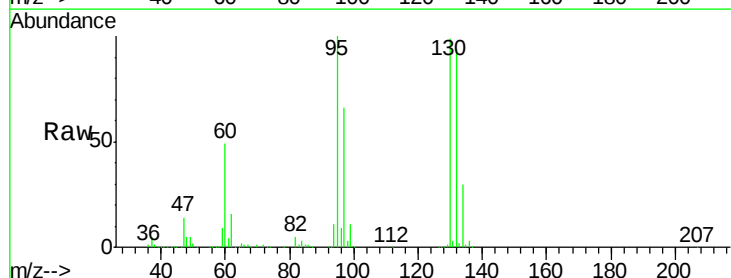
Acq: 02 Jul 2018 19:08

Tgt Ion: 130 Resp: 459971

Ion Ratio Lower Upper

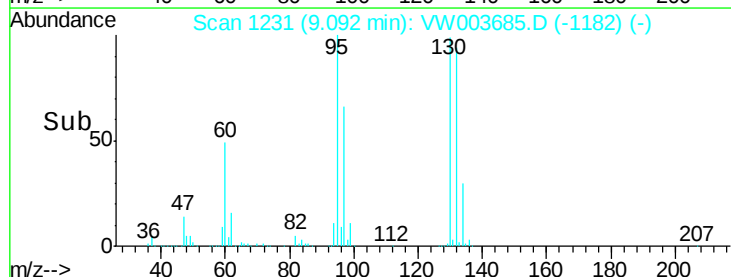
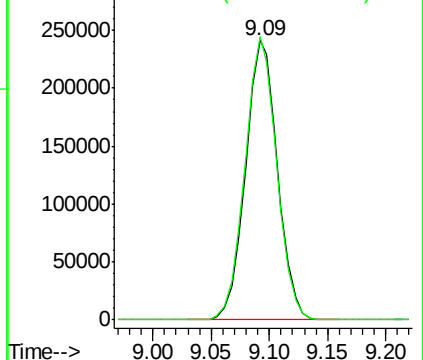
130 100

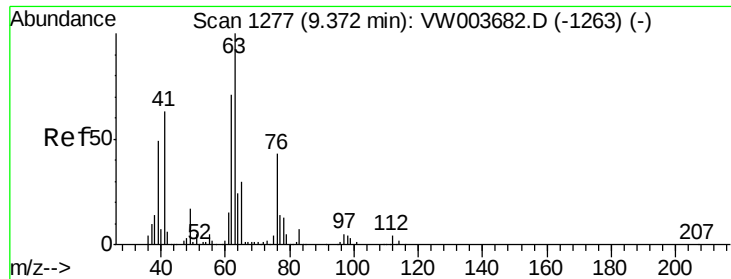
95 101.4 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

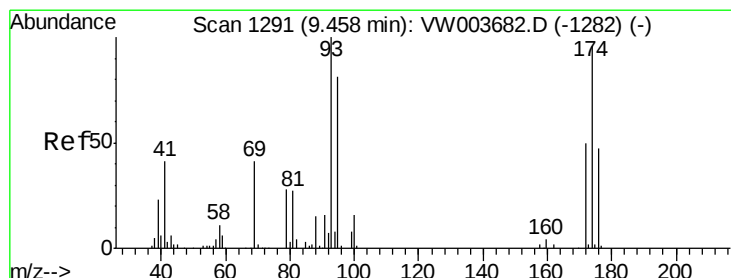
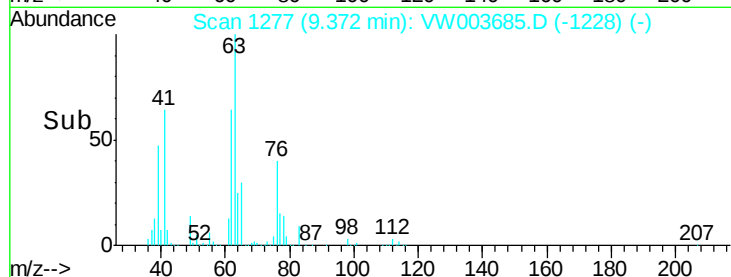
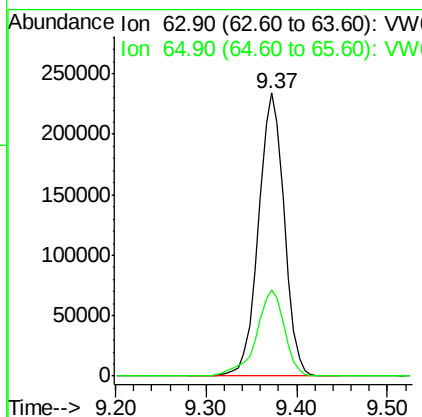
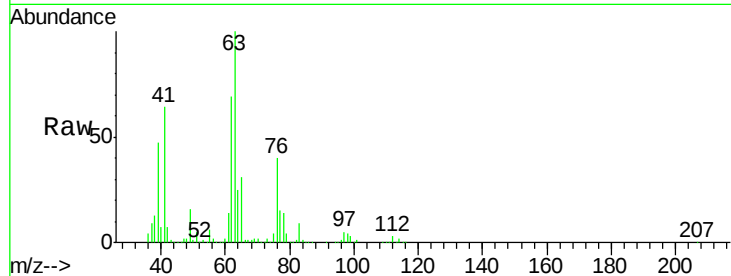




#45
 1,2-Dichloropropane
 Concen: 162.911 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

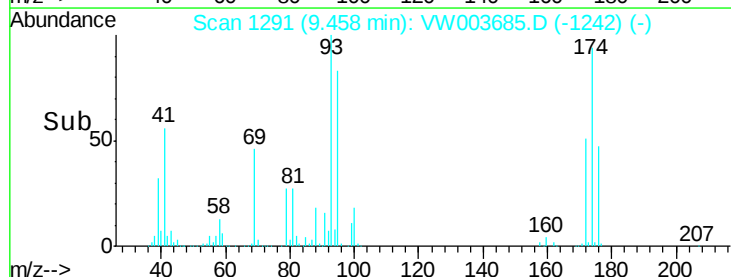
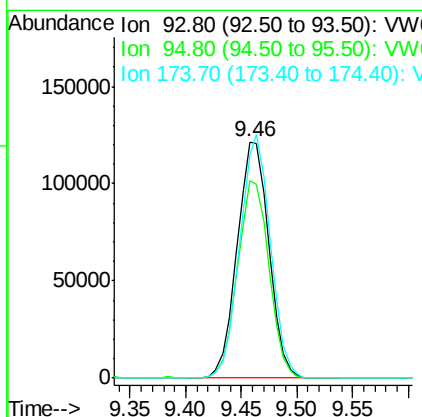
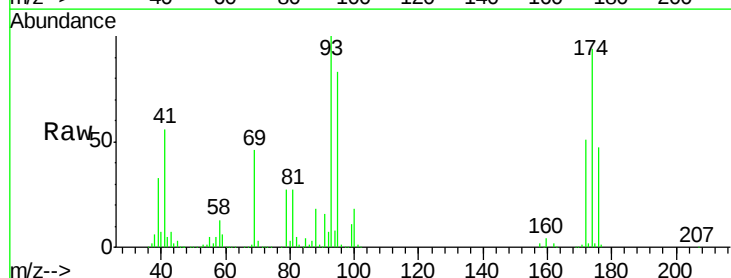
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

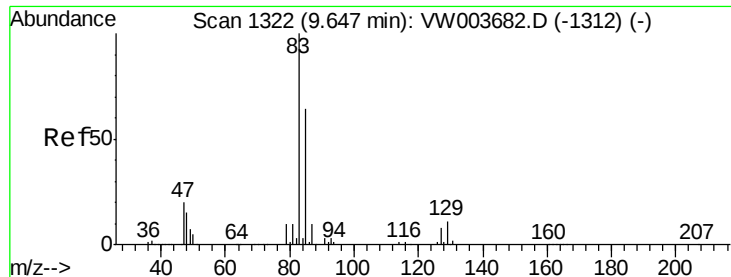
Tgt Ion: 63 Resp: 458144
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.3 36.5



#46
 Dibromomethane
 Concen: 166.372 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion: 93 Resp: 240534
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.4
 174 99.5 79.6 119.4





#47

Bromodichloromethane

Concen: 161.827 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

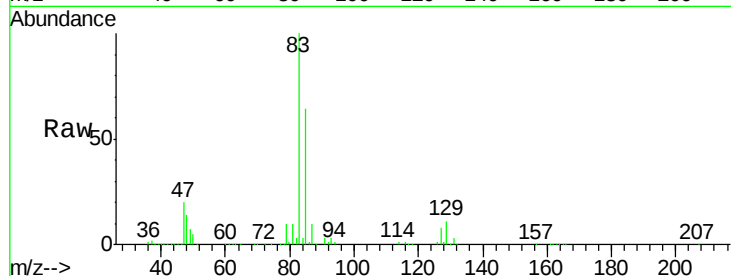
Tgt Ion: 83 Resp: 596388

Ion Ratio Lower Upper

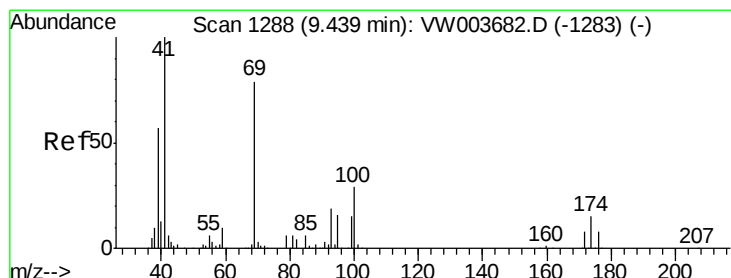
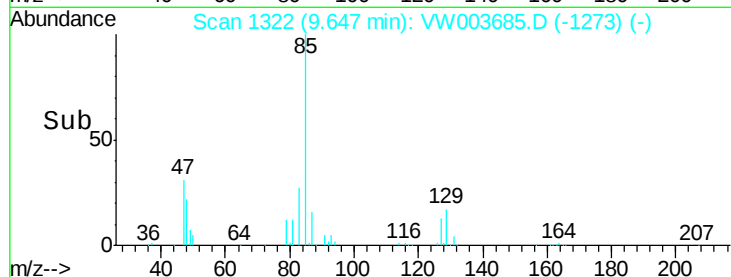
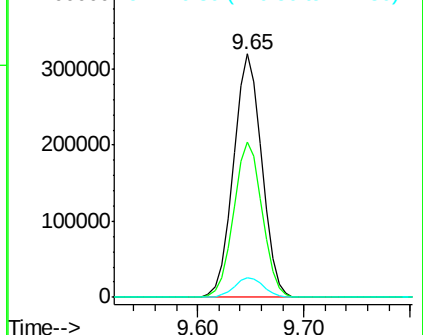
83 100

85 63.9 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: 198.739 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

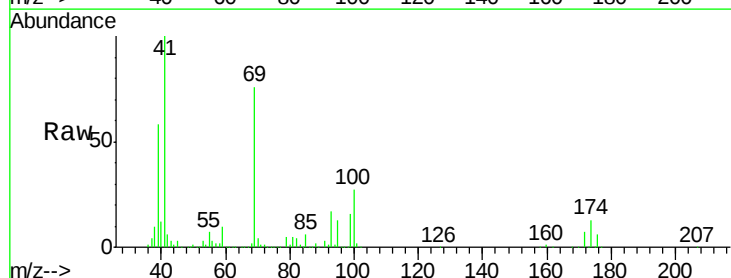
Tgt Ion: 41 Resp: 312502

Ion Ratio Lower Upper

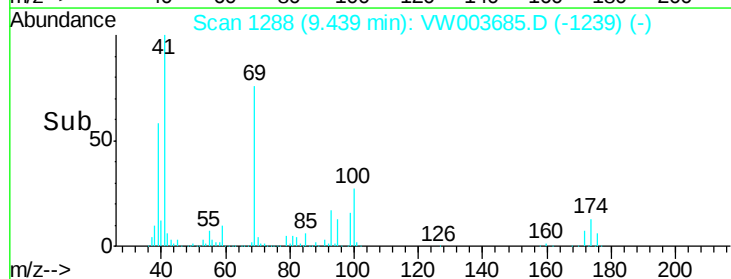
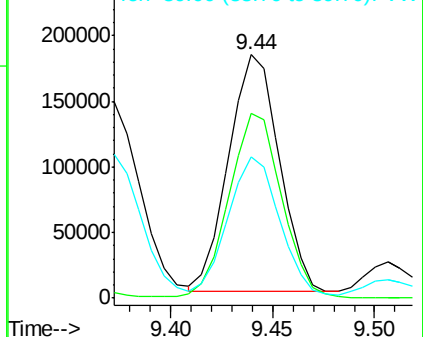
41 100

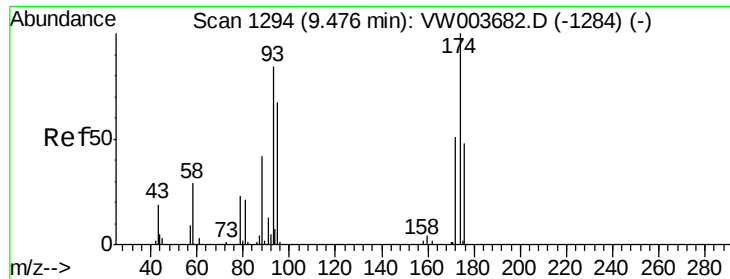
69 81.2 65.4 98.2

39 61.6 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

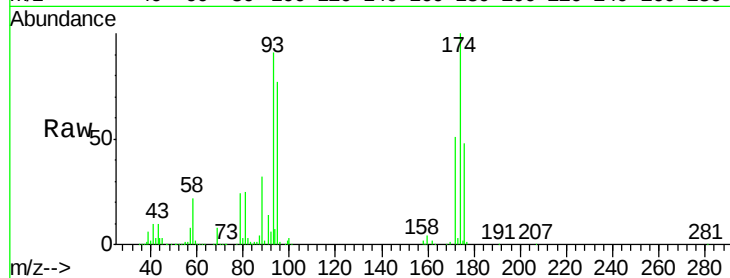




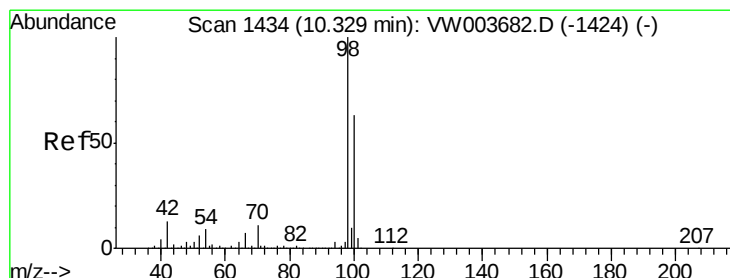
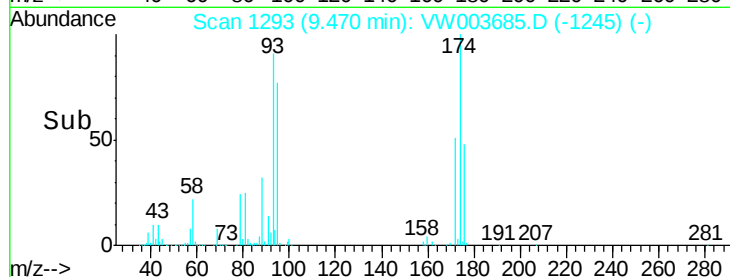
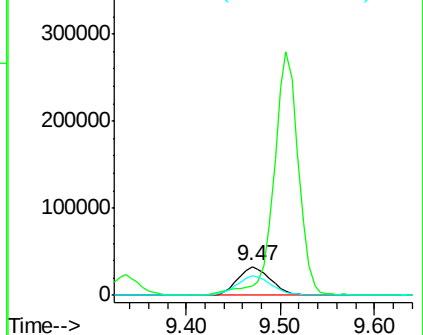
#49
1,4-Dioxane
Concen: 3671.831 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 80319
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.3 61.8 92.6

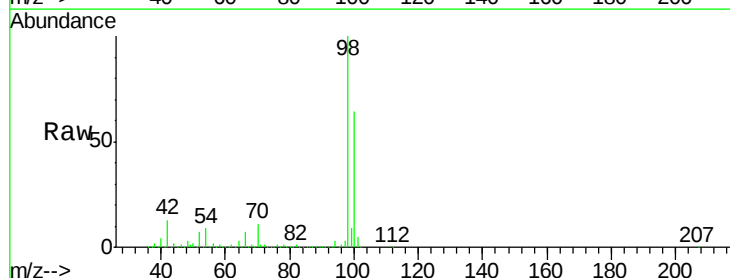


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

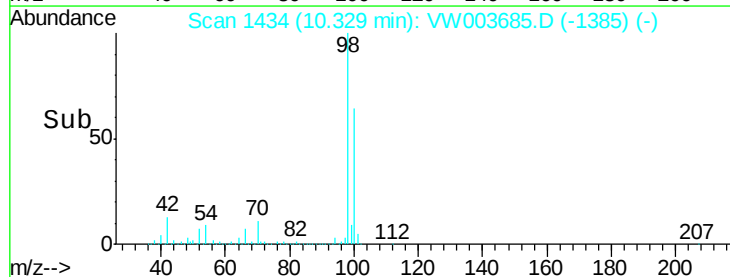
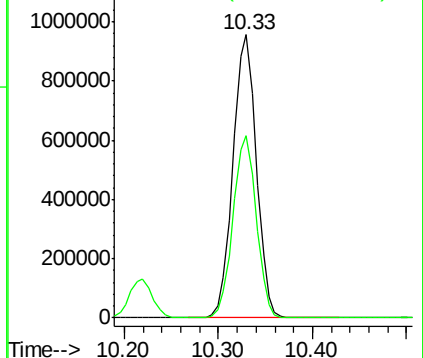


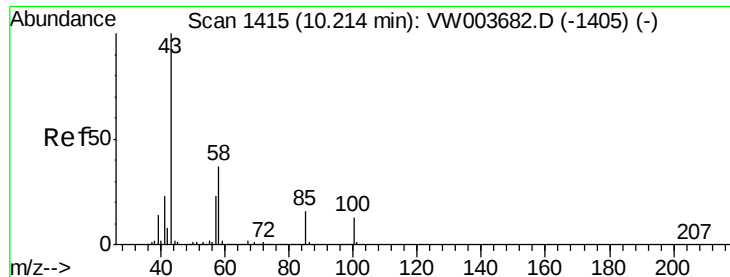
#50
Toluene-d8
Concen: 161.557 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 98 Resp: 1643931
Ion Ratio Lower Upper
98 100
100 64.3 50.8 76.2



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

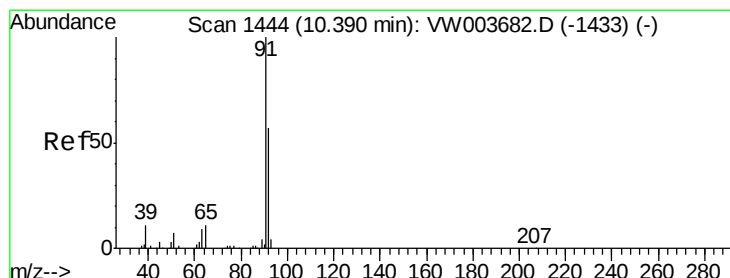
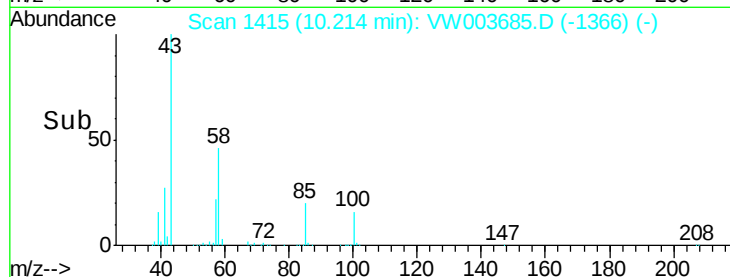
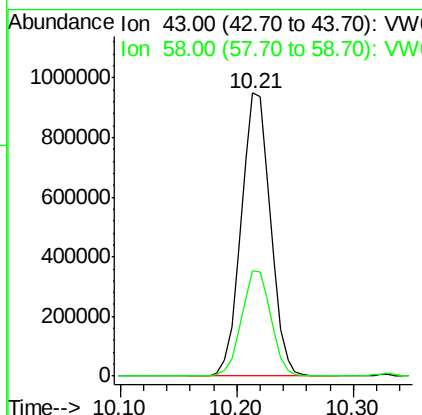
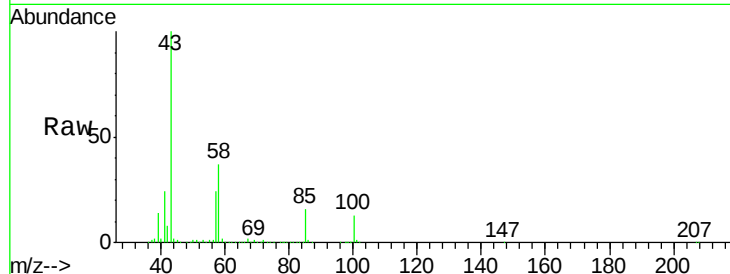




#51
 4-Methyl-2-Pentanone
 Concen: 974.738 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

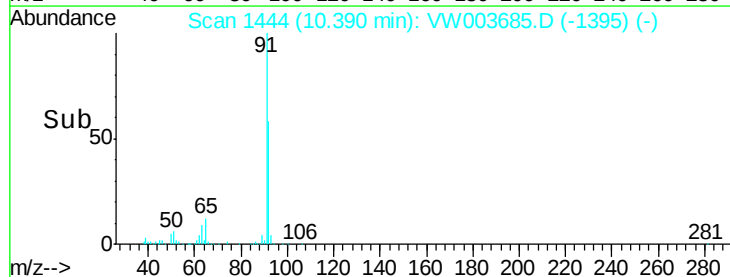
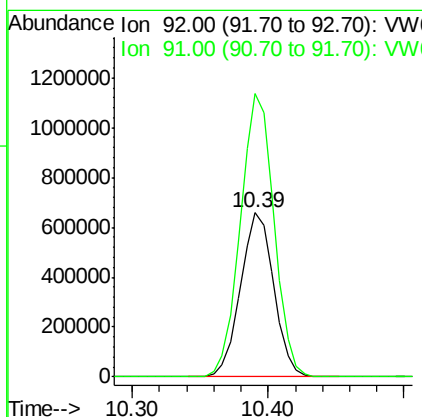
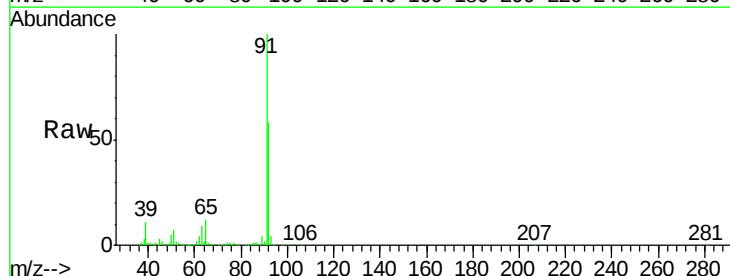
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

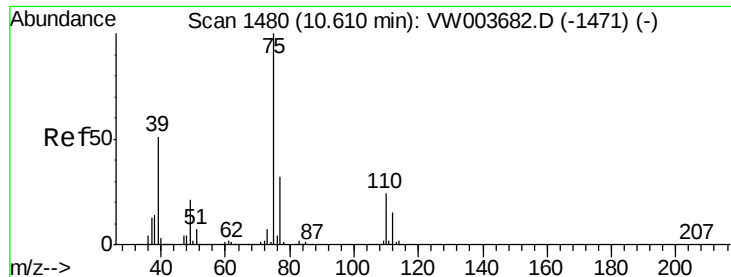
Tgt Ion: 43 Resp: 1667416
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.6 44.4



#52
 Toluene
 Concen: 158.732 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion: 92 Resp: 1122430
 Ion Ratio Lower Upper
 92 100
 91 174.4 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 172.640 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

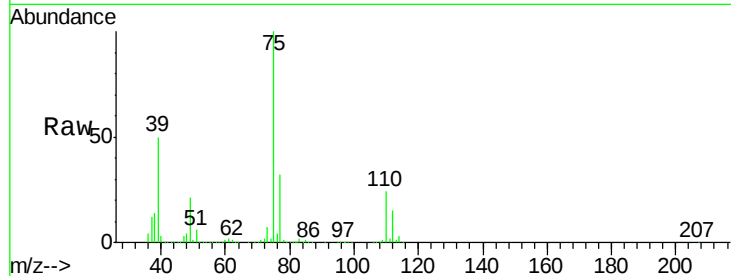
VSTDIC150

Tgt Ion: 75 Resp: 651616

Ion Ratio Lower Upper

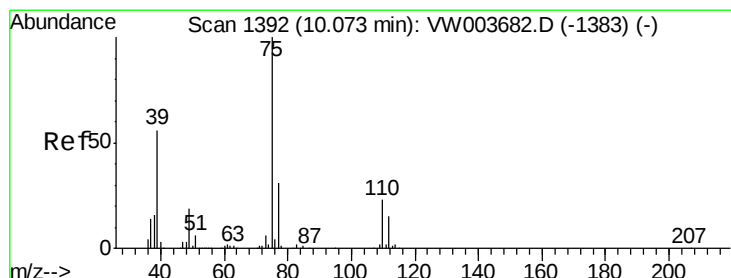
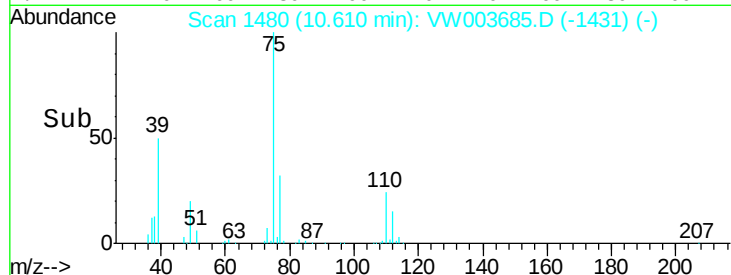
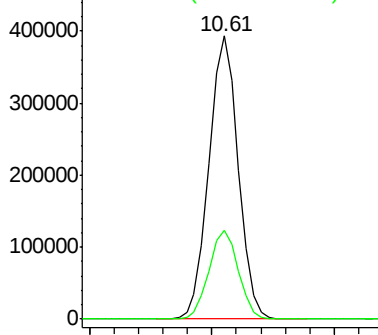
75 100

77 31.5 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 170.150 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

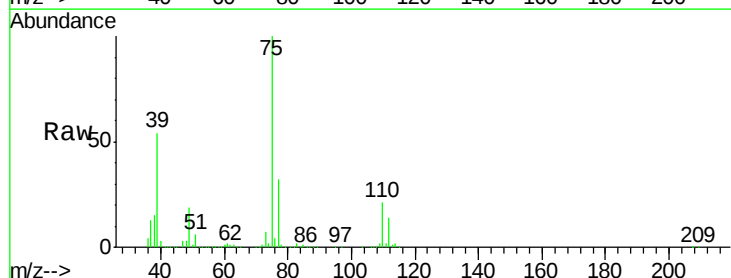
Tgt Ion: 75 Resp: 731976

Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

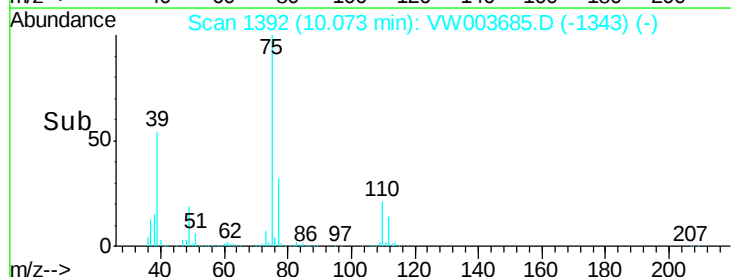
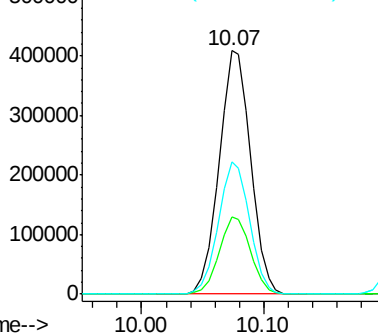
39 54.3 44.6 67.0

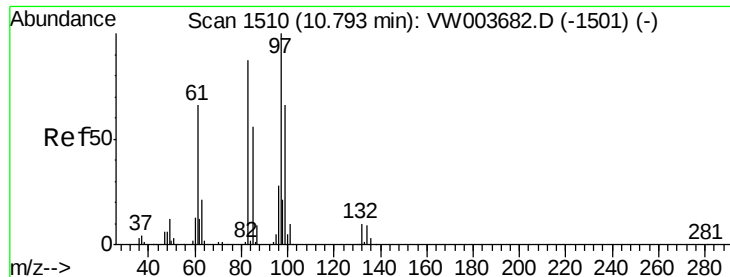


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

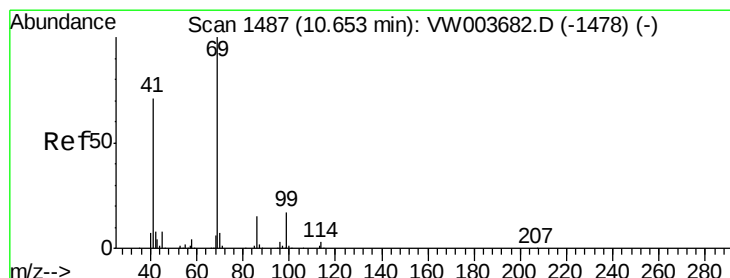
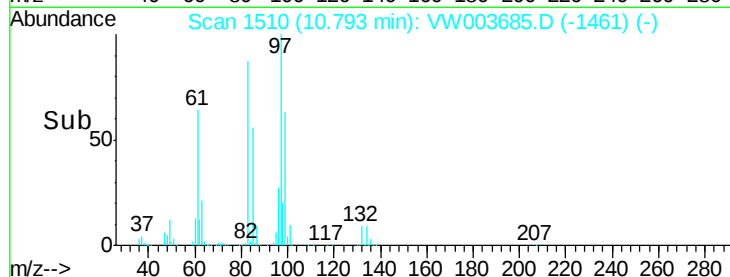
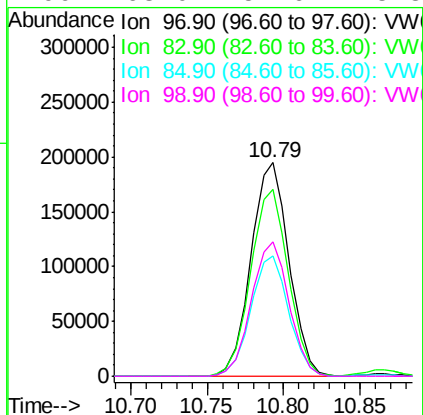
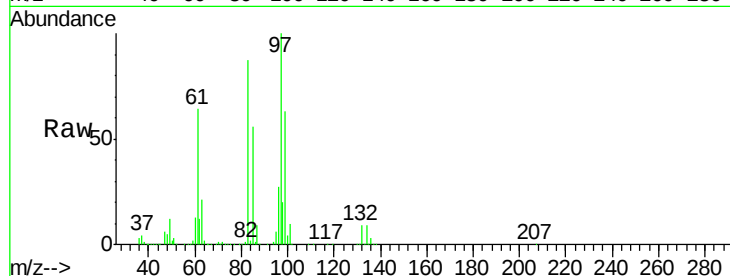




#55
 1,1,2-Trichloroethane
 Concen: 164.834 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

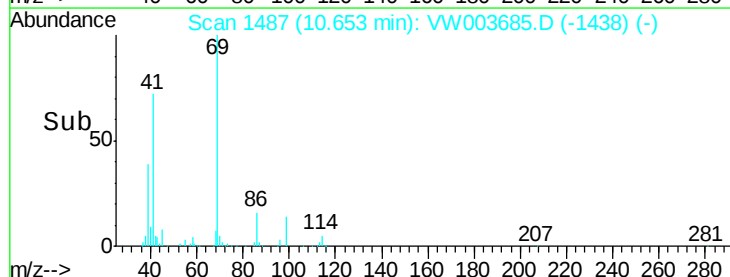
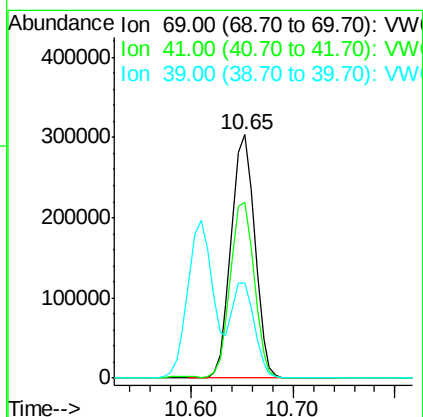
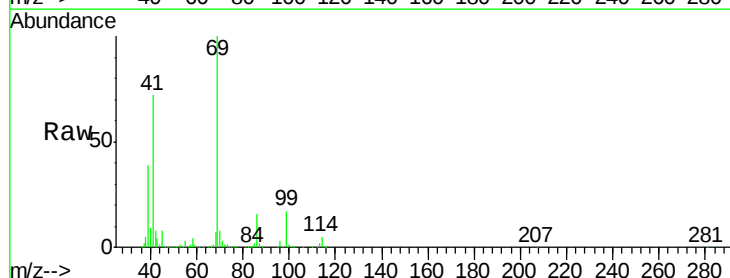
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

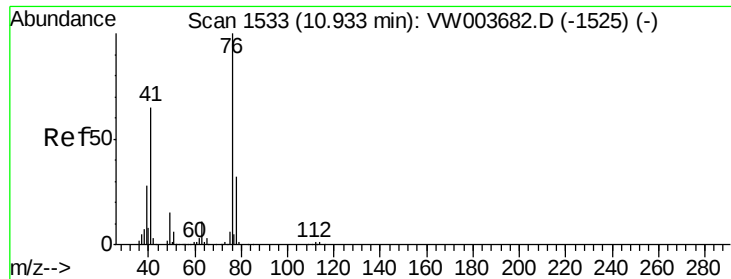
Tgt Ion	Resp	Lower	Upper
97	335647		
83	87.5	69.5	104.3
85	56.3	44.7	67.1
99	63.0	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 195.988 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Resp	Lower	Upper
69	487877		
41	73.0	57.5	86.3
39	36.2	29.4	44.0

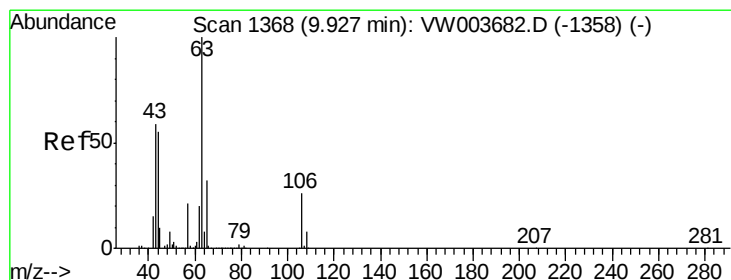
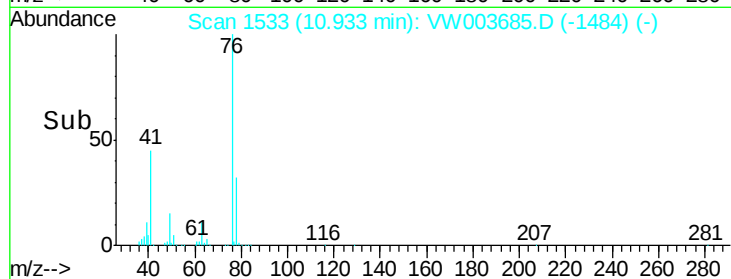
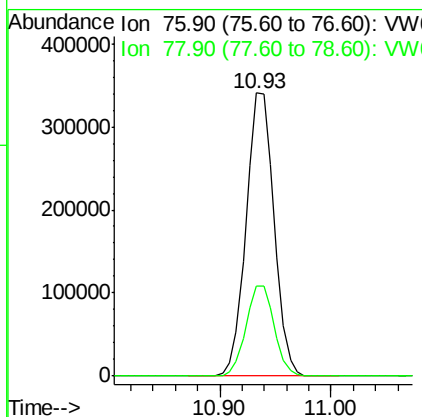
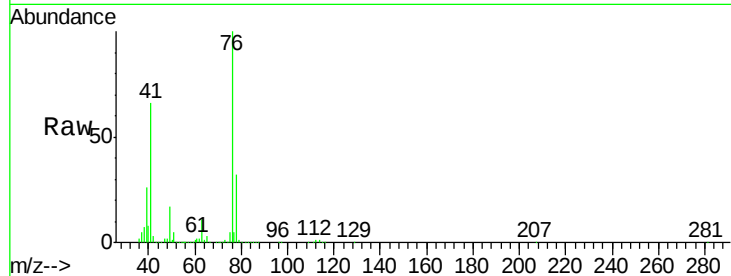




#57
 1,3-Dichloropropane
 Concen: 169.223 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

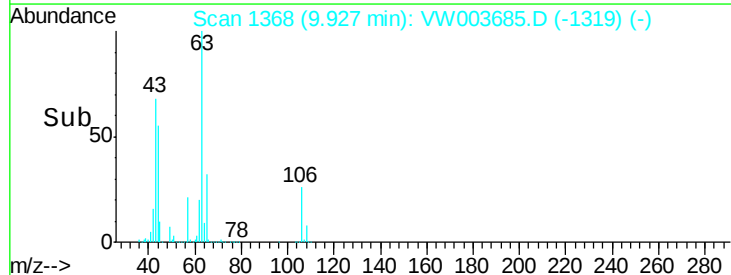
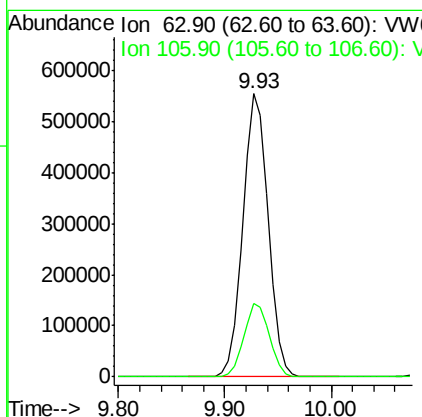
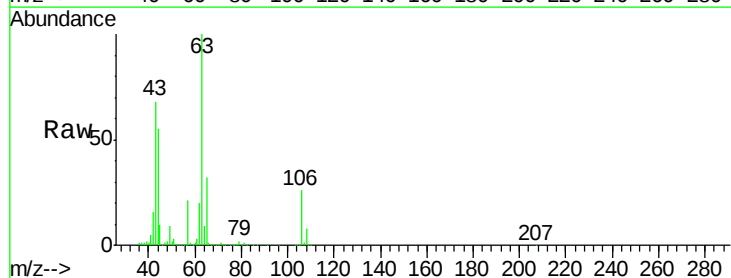
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

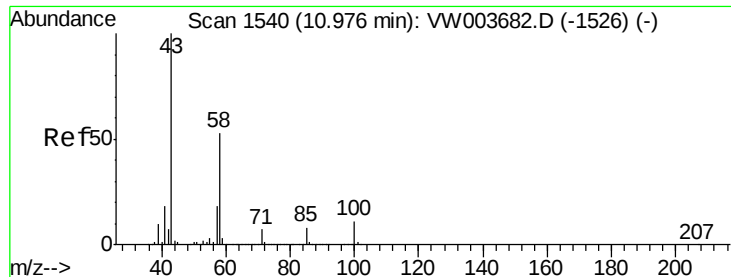
Tgt Ion: 76 Resp: 595619
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 842.487 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion: 63 Resp: 924612
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.7 31.1

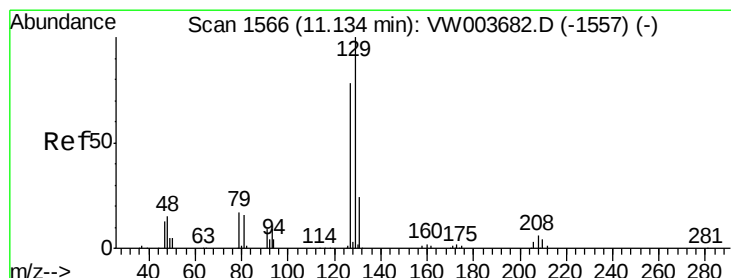
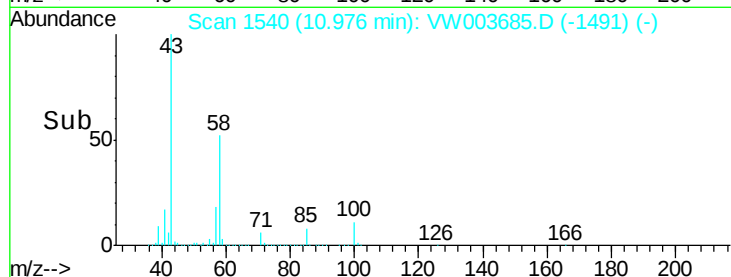
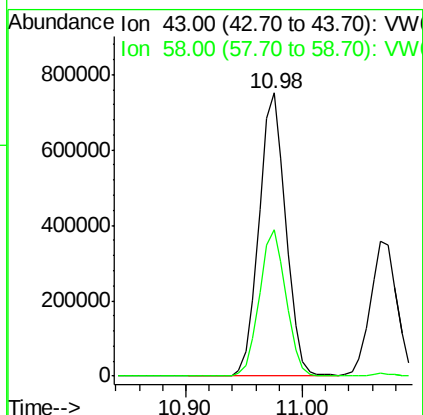
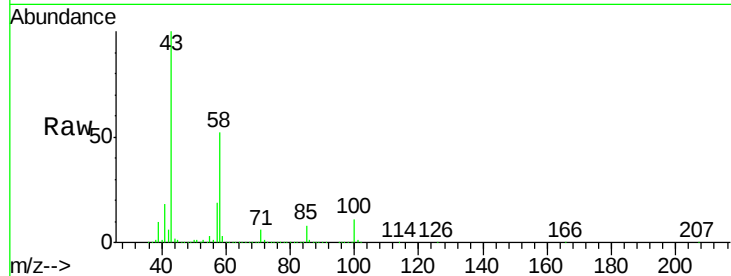




#59
2-Hexanone
Concen: 995.340 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

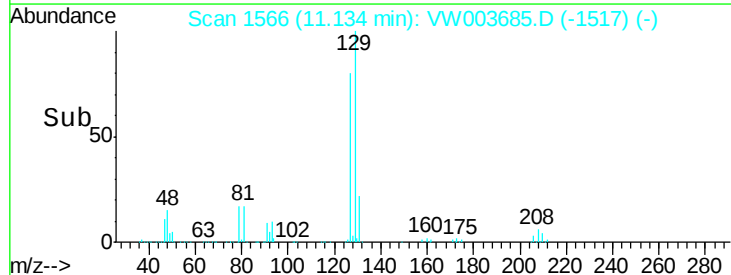
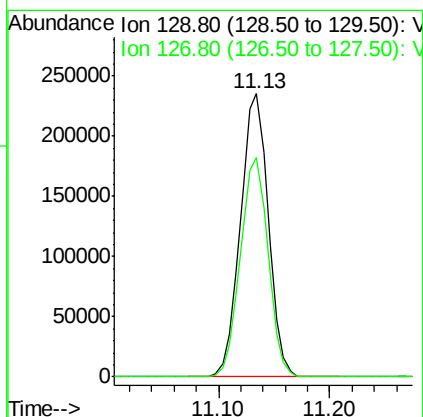
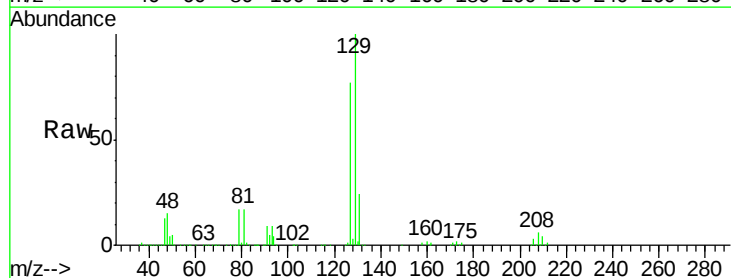
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

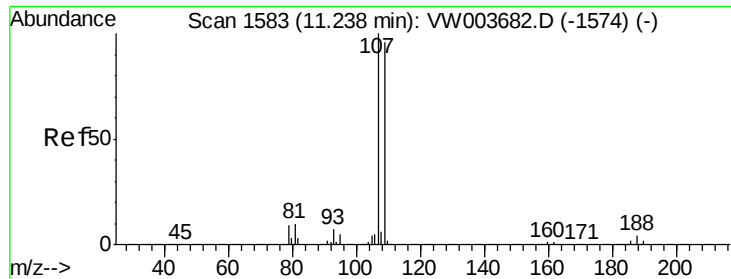
Tgt Ion: 43 Resp: 1191928
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.6



#60
Dibromochloromethane
Concen: 169.562 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 129 Resp: 408172
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2

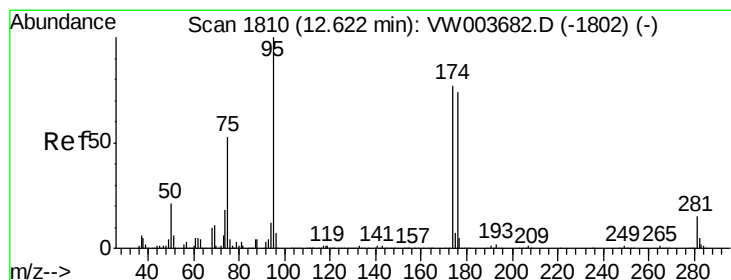
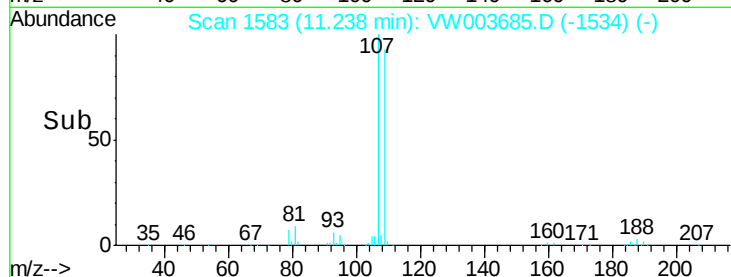
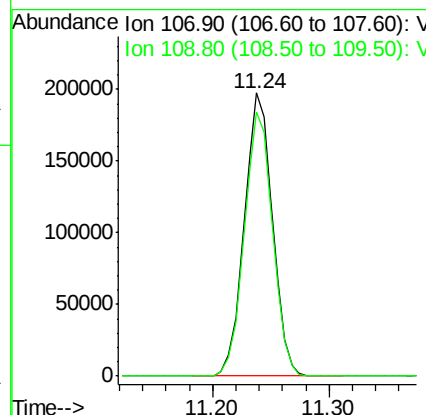
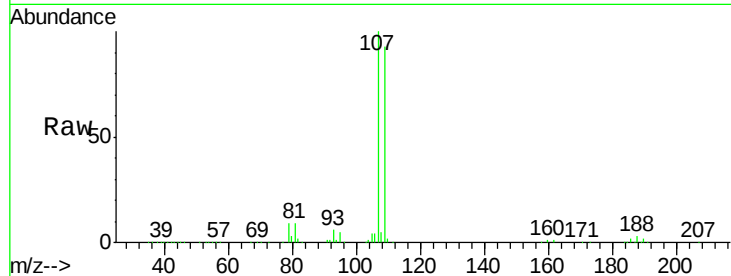




#61
 1,2-Dibromoethane
 Concen: 172.762 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

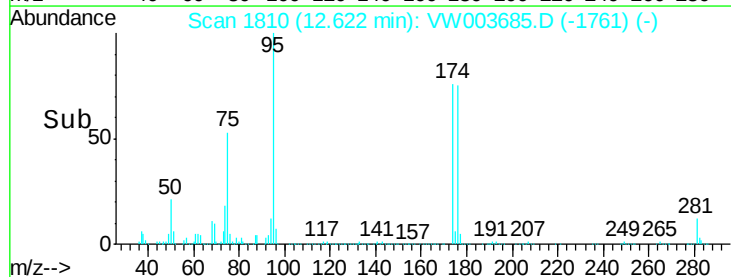
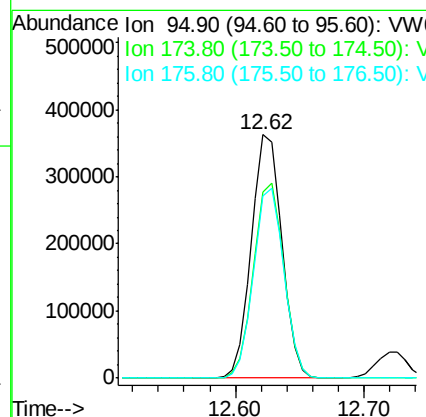
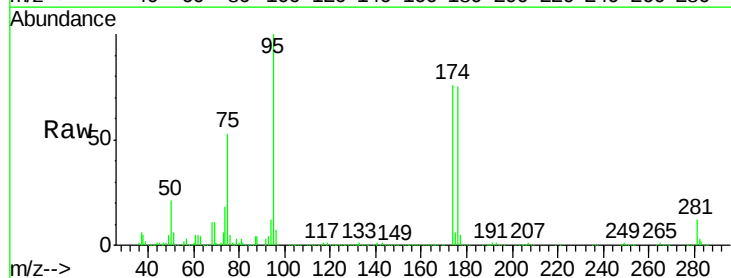
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

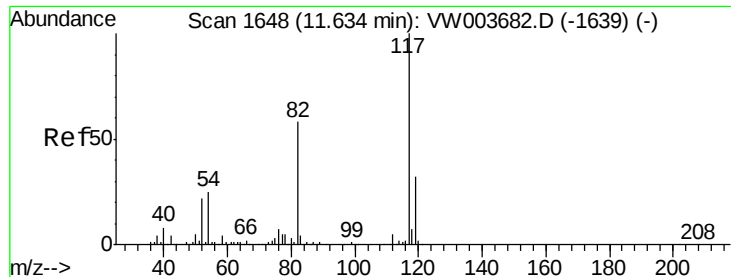
Tgt Ion: 107 Resp: 332865
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 163.245 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion: 95 Resp: 590453
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 161.2
 176 77.8 0.0 155.0

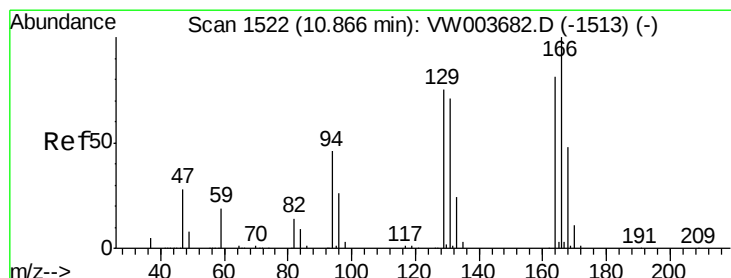
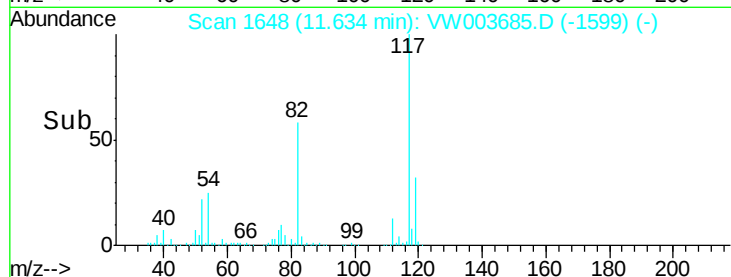
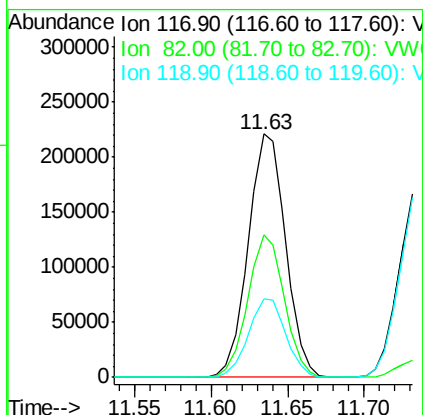
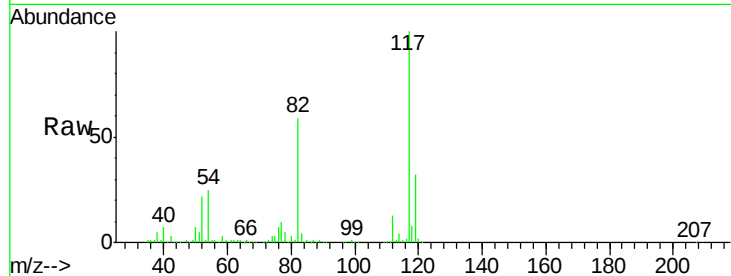




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

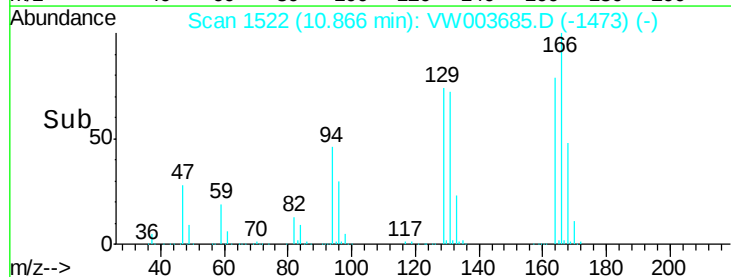
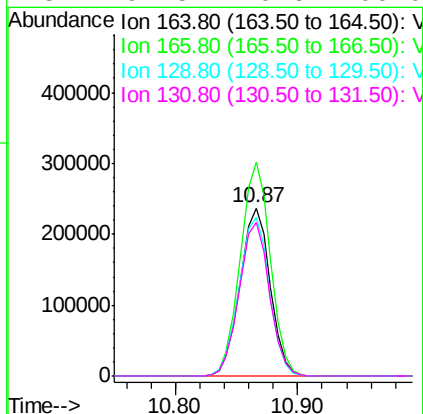
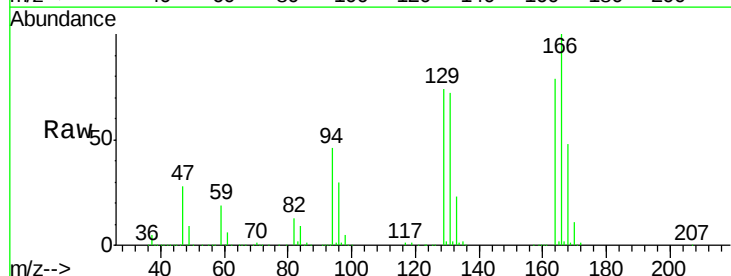
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

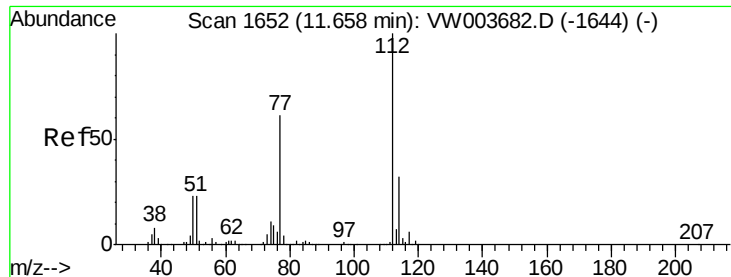
Tgt Ion:117 Resp: 376131
Ion Ratio Lower Upper
117 100
82 58.5 46.0 69.0
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 159.508 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion:164 Resp: 404617
Ion Ratio Lower Upper
164 100
166 127.1 99.0 148.4
129 94.7 73.8 110.6
131 91.5 70.6 106.0





#65

Chlorobenzene

Concen: 154.791 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

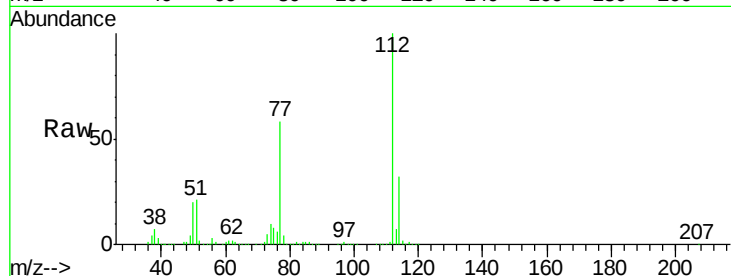
VSTDIC150

Tgt Ion:112 Resp: 1223038

Ion Ratio Lower Upper

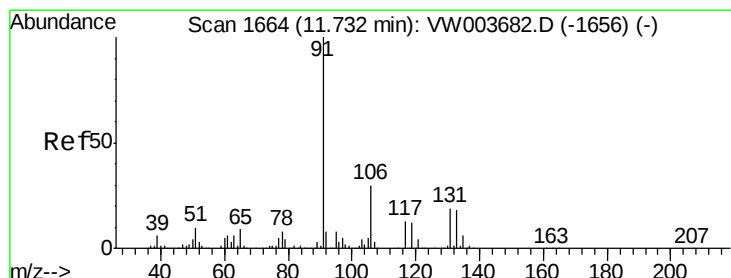
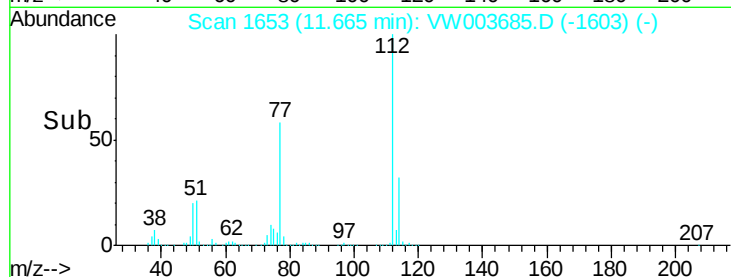
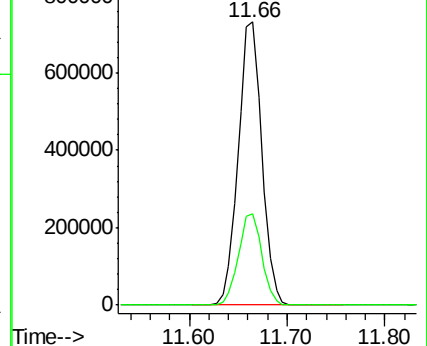
112 100

114 32.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 156.953 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

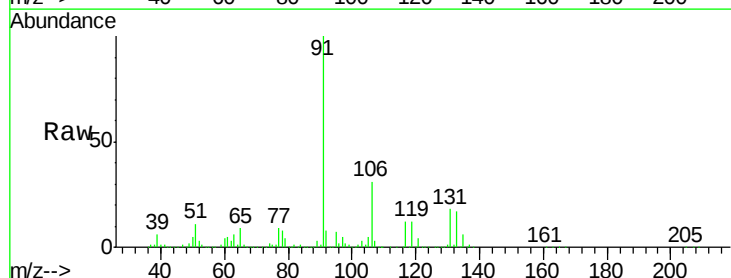
Tgt Ion:131 Resp: 435114

Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

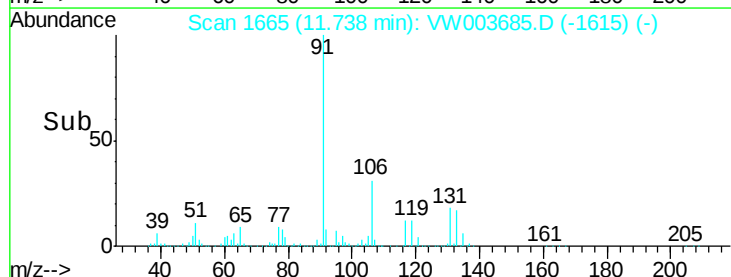
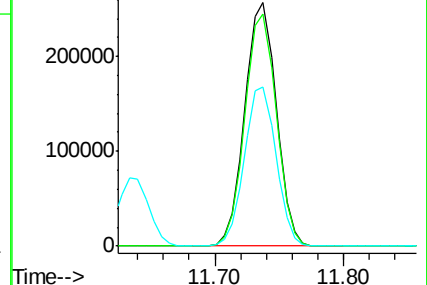
119 65.5 31.9 95.9

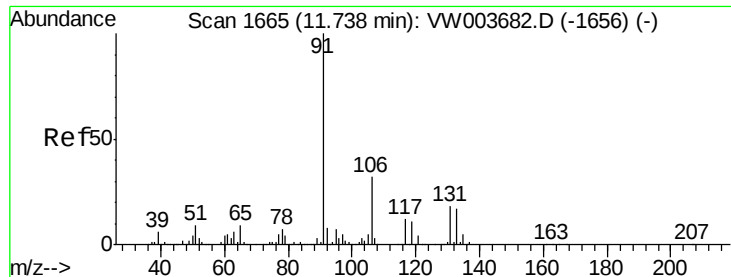


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

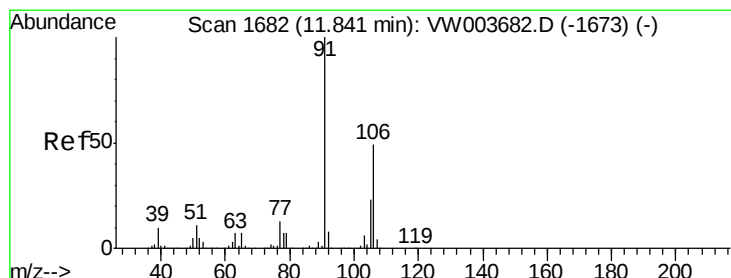
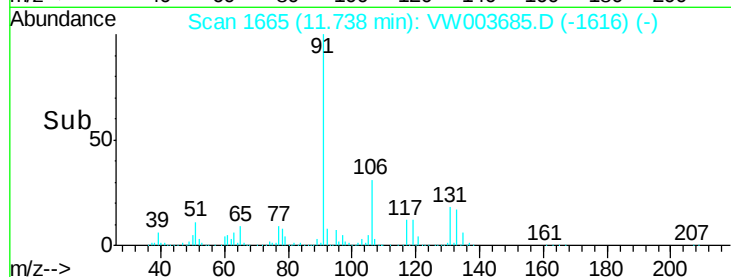
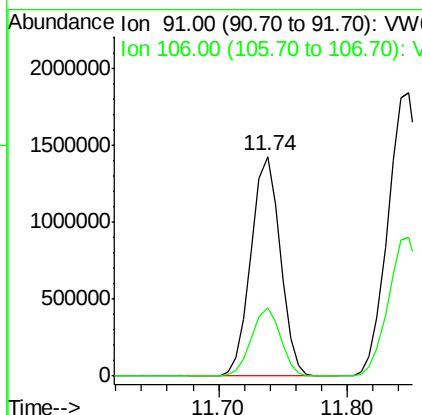
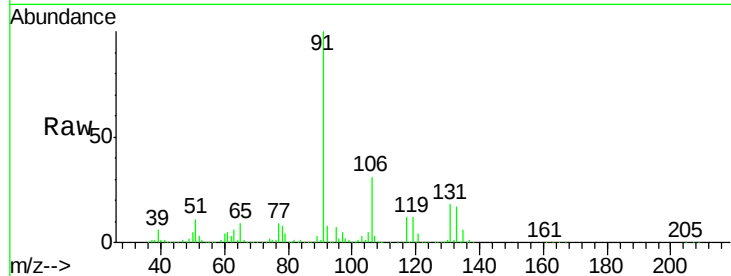




#67
Ethyl Benzene
Concen: 159.736 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

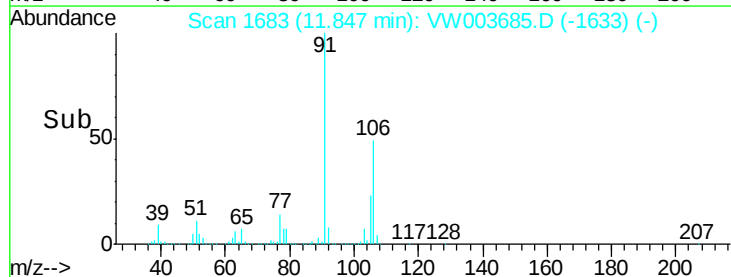
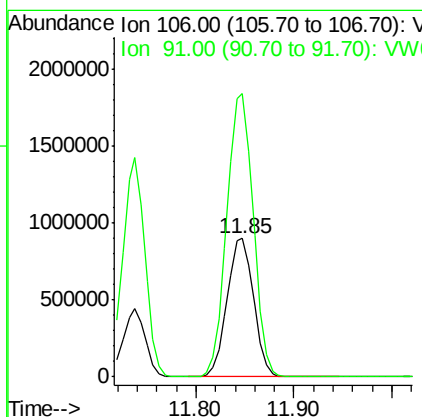
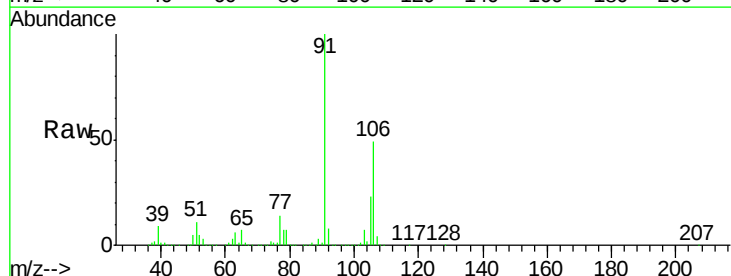
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

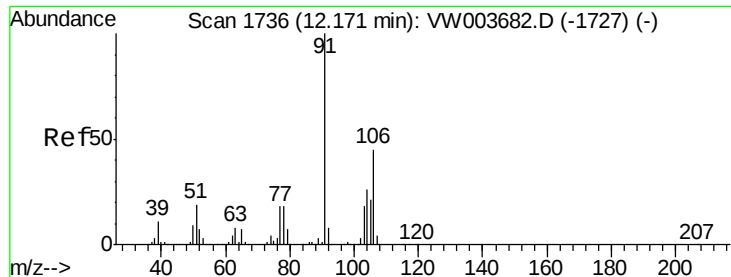
Tgt Ion: 91 Resp: 2239223
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 315.070 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 106 Resp: 1679165
Ion Ratio Lower Upper
106 100
91 205.3 163.7 245.5

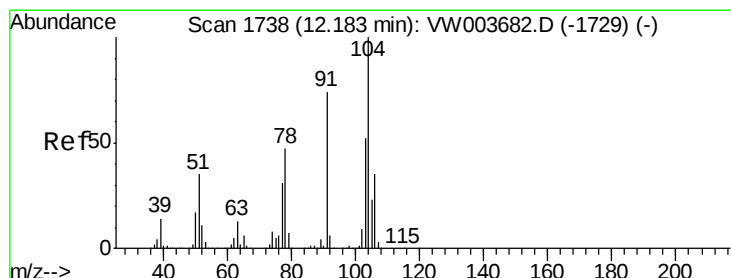
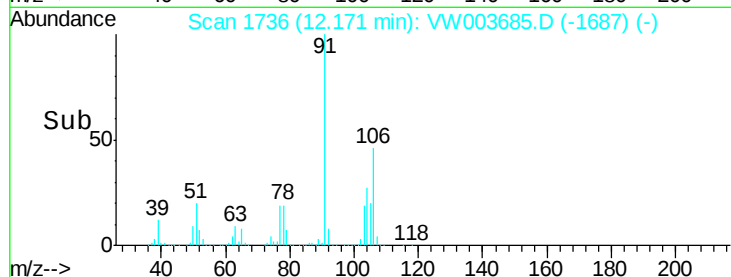
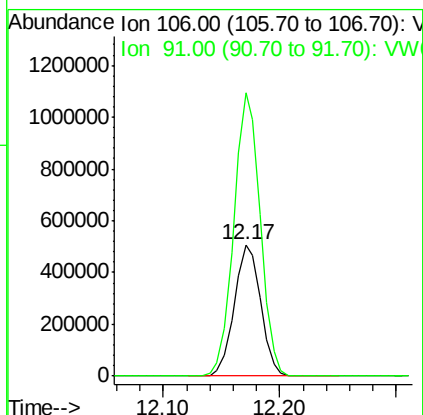
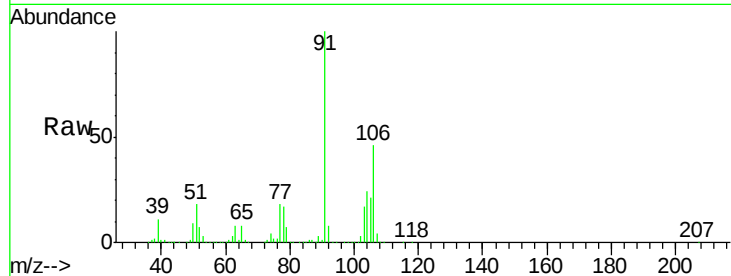




#69
o-Xylene
Concen: 162.749 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

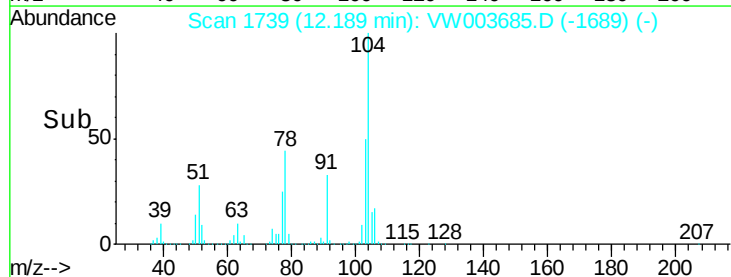
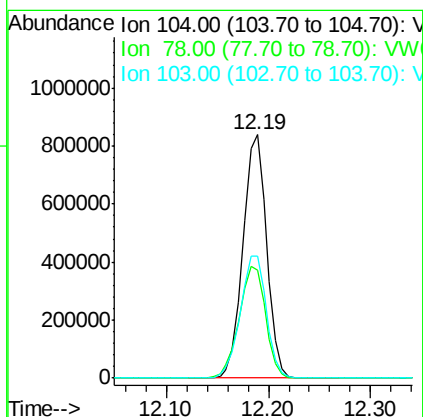
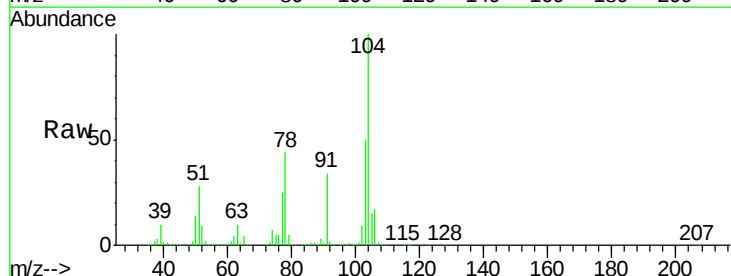
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

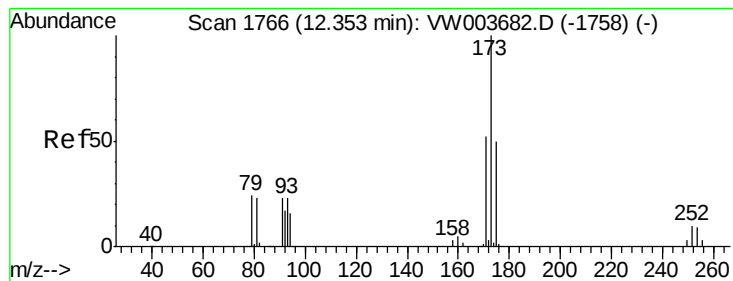
Tgt Ion:106 Resp: 801026
Ion Ratio Lower Upper
106 100
91 215.2 109.3 327.8



#70
Styrene
Concen: 164.227 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion:104 Resp: 1352090
Ion Ratio Lower Upper
104 100
78 51.2 40.2 60.4
103 55.3 44.4 66.6





#71

Bromoform

Concen: 174.531 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

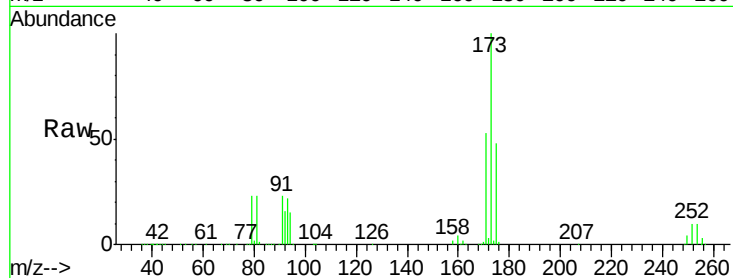
Tgt Ion:173 Resp: 252573

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

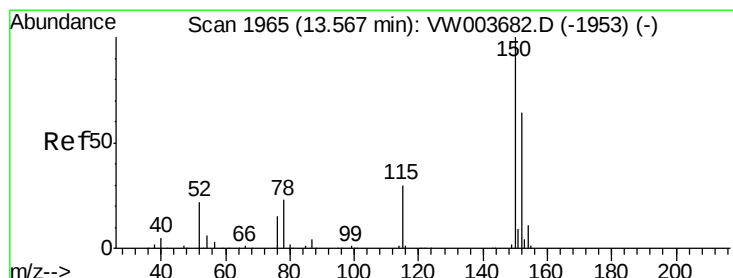
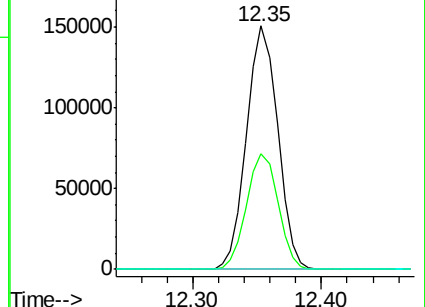
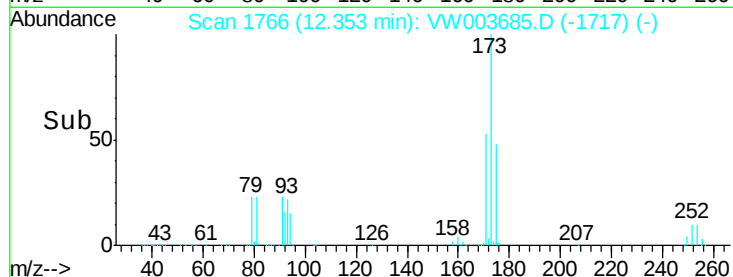
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

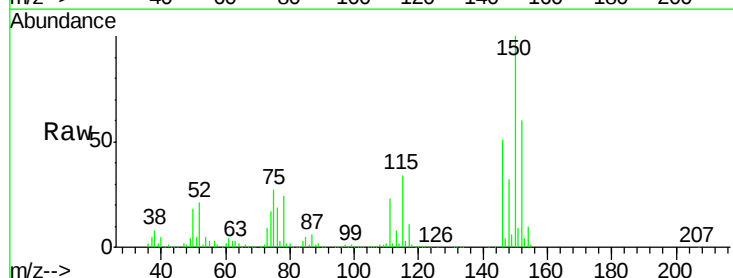
Tgt Ion:152 Resp: 192579

Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

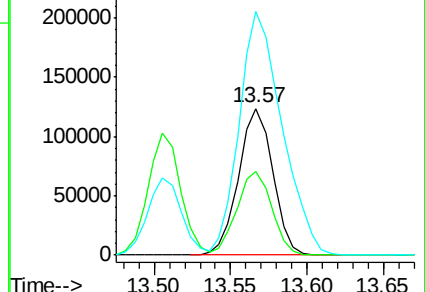
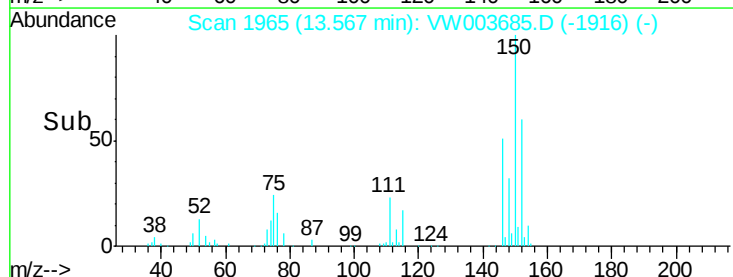
150 207.2 0.0 352.0

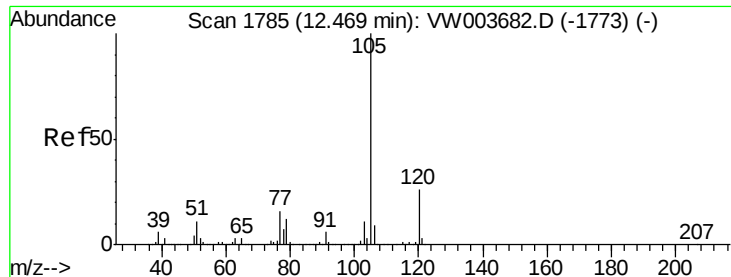


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 161.537 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

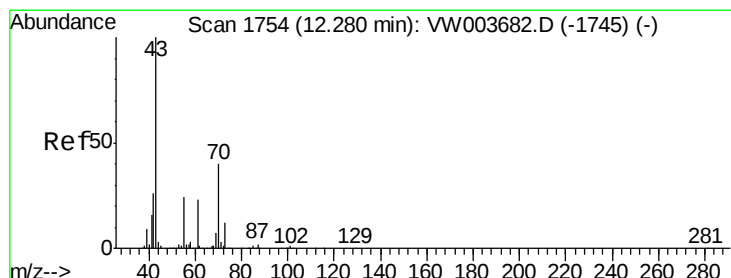
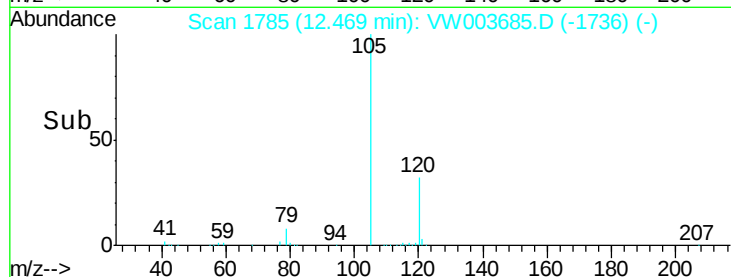
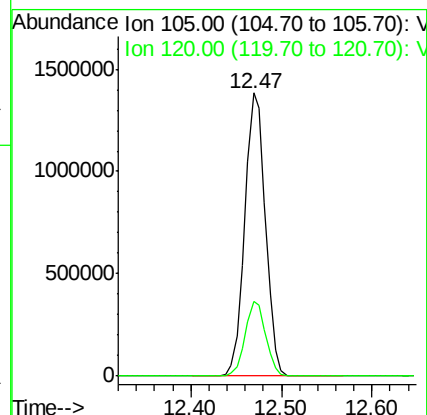
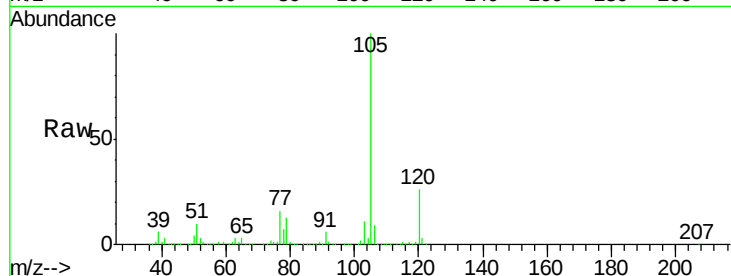
VSTDIC150

Tgt Ion: 105 Resp: 2172390

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 196.278 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Tgt Ion: 43 Resp: 614914

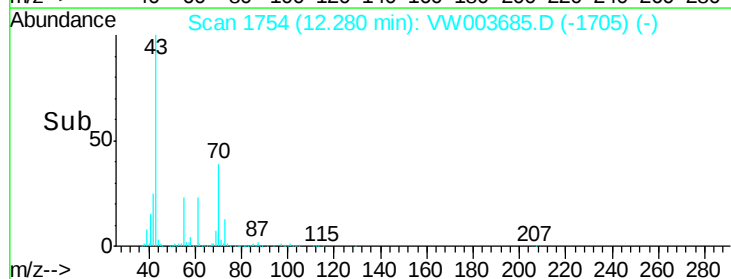
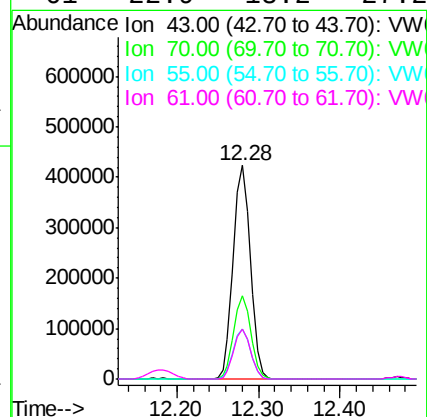
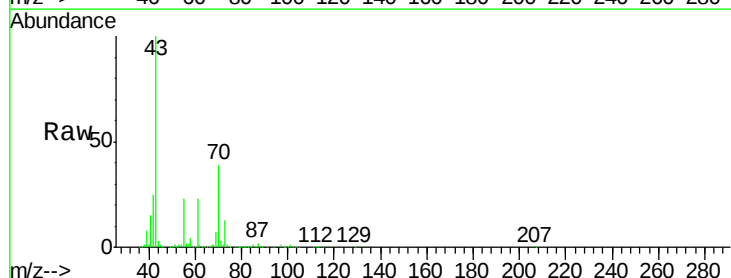
Ion Ratio Lower Upper

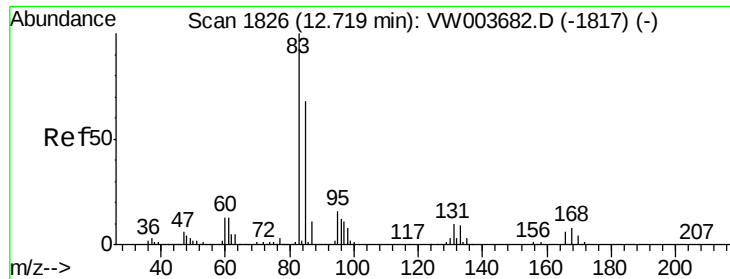
43 100

70 38.8 31.3 46.9

55 23.6 20.1 30.1

61 22.9 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 176.156 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

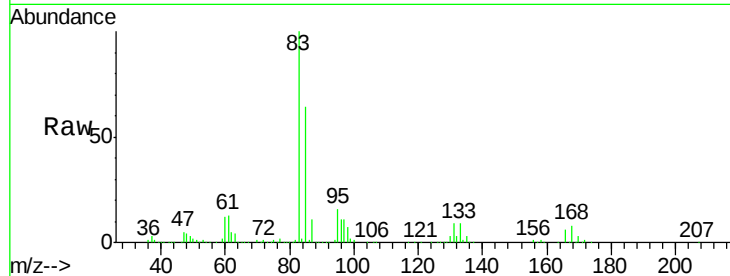
Tgt Ion: 83 Resp: 409000

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

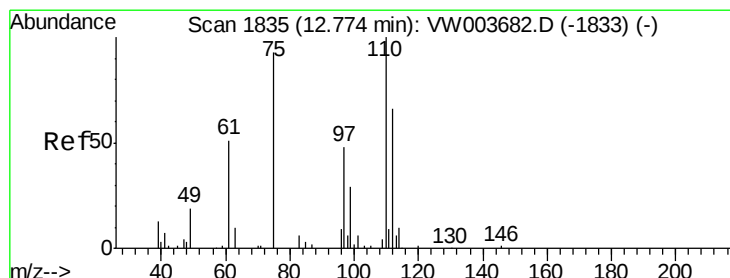
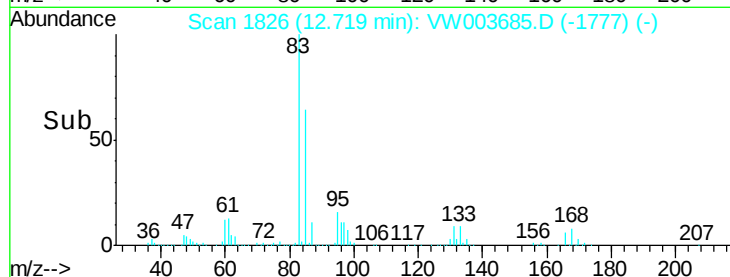
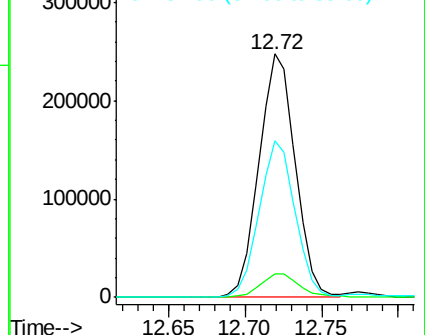
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 338.336 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003685.D

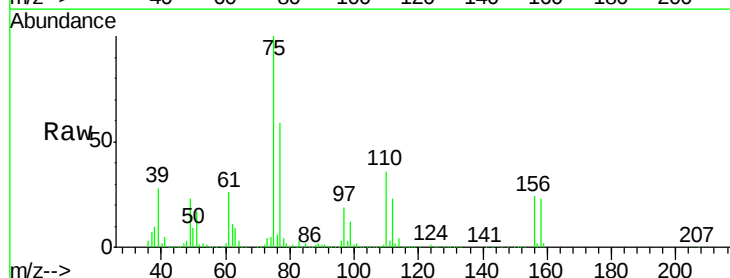
Acq: 02 Jul 2018 19:08

Tgt Ion: 75 Resp: 564354

Ion Ratio Lower Upper

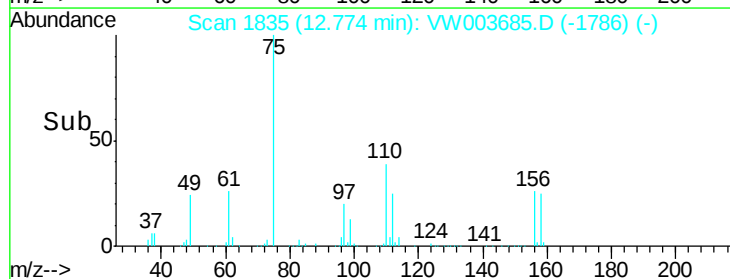
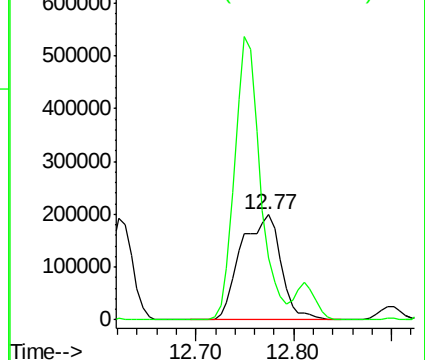
75 100

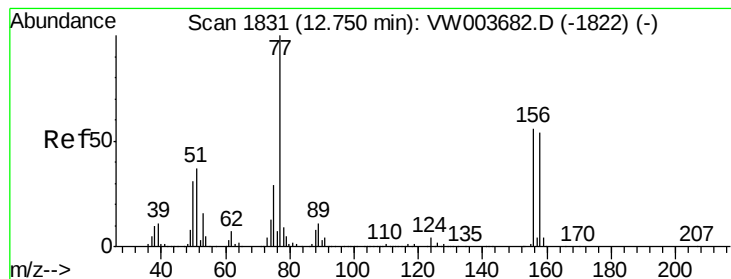
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 157.777 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

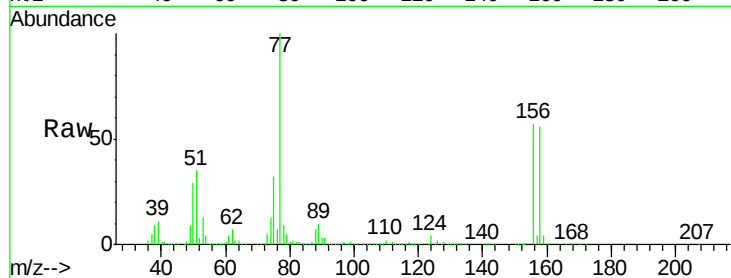
Tgt Ion:156 Resp: 496306

Ion Ratio Lower Upper

156 100

77 196.4 95.8 287.4

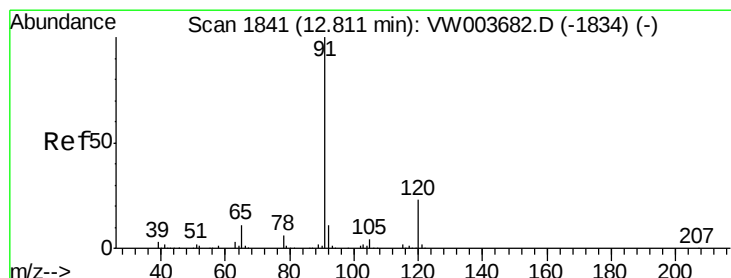
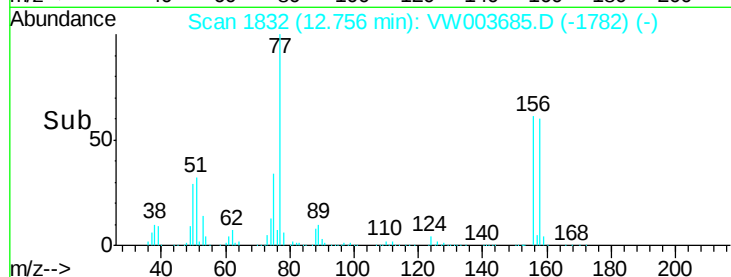
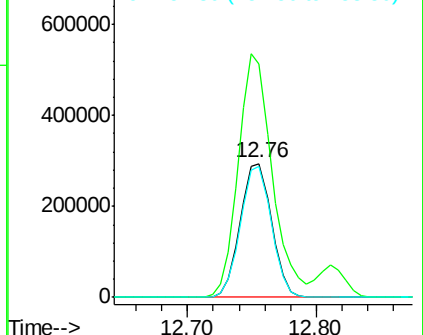
158 96.8 48.2 144.6



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: 159.172 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003685.D

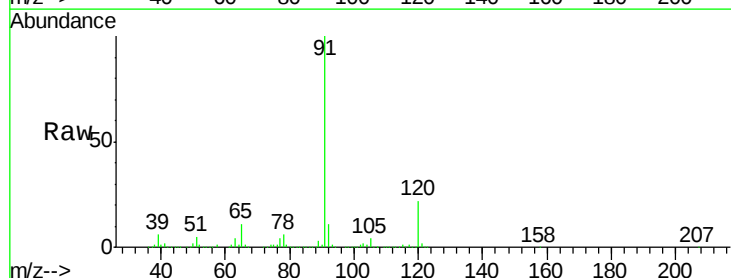
Acq: 02 Jul 2018 19:08

Tgt Ion: 91 Resp: 2628637

Ion Ratio Lower Upper

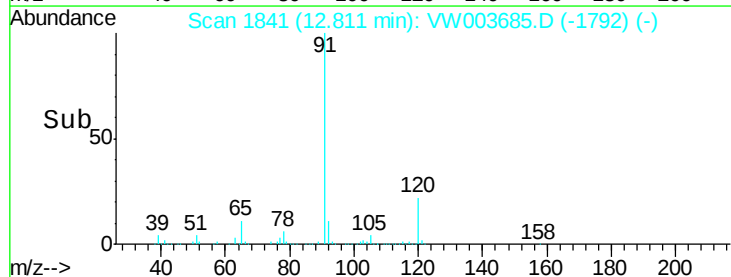
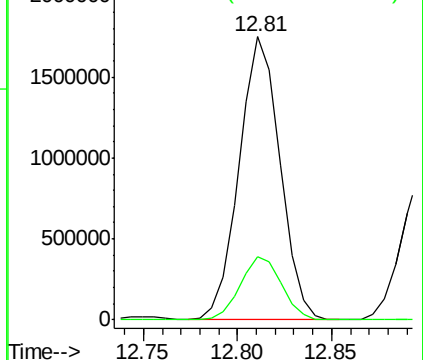
91 100

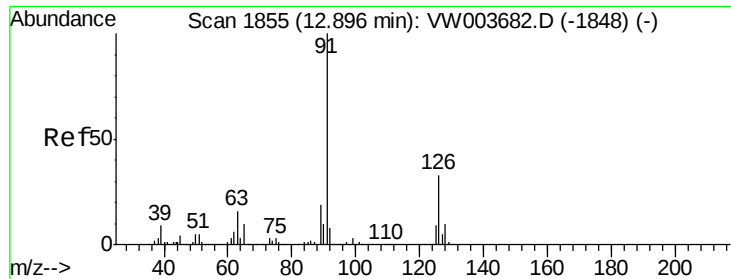
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

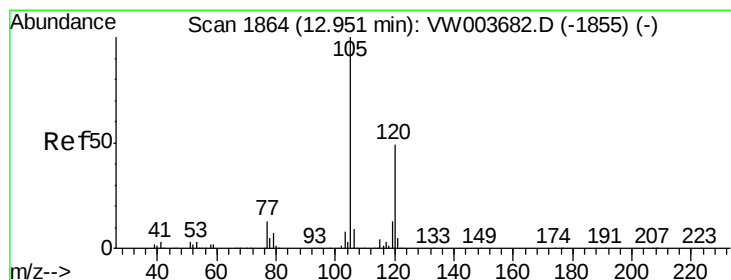
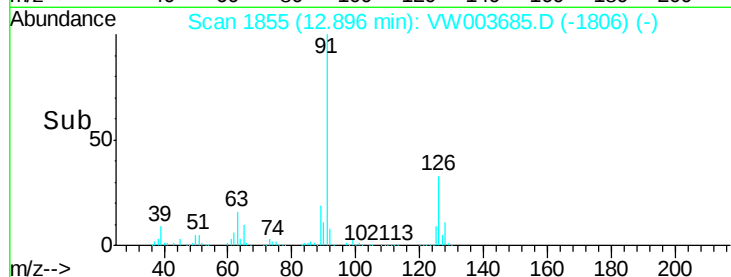
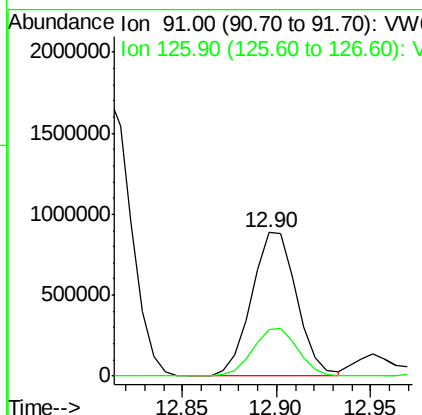
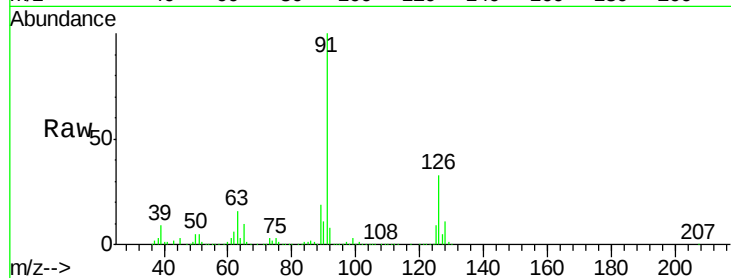




#79
 2-Chlorotoluene
 Concen: 158.413 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

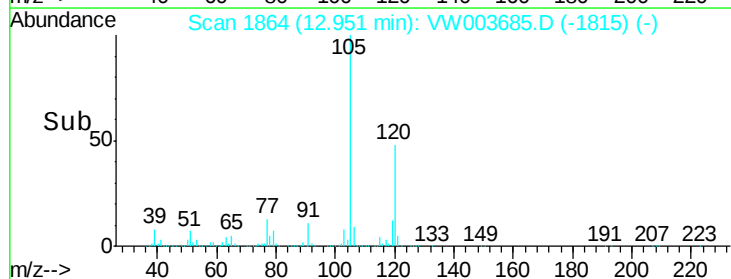
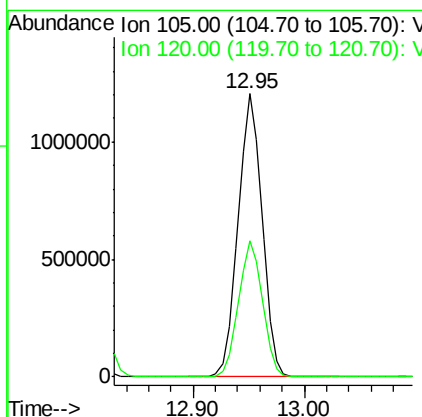
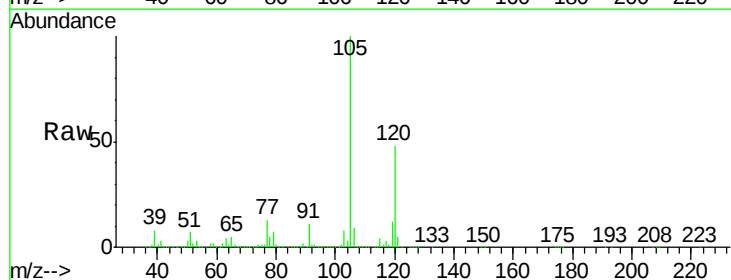
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

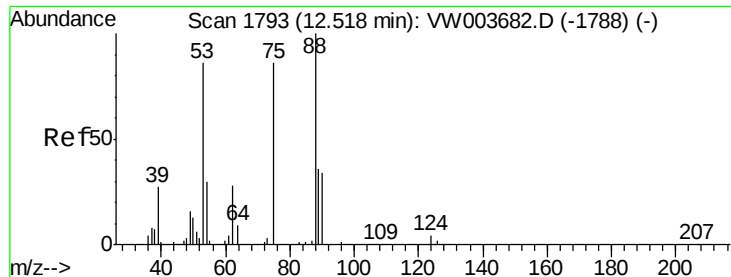
Tgt Ion: 91 Resp: 1478449
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 158.970 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion: 105 Resp: 1796153
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 193.553 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

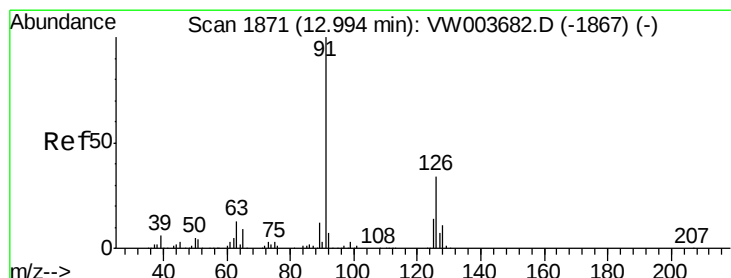
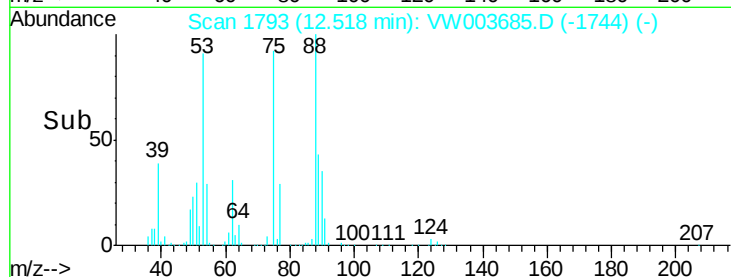
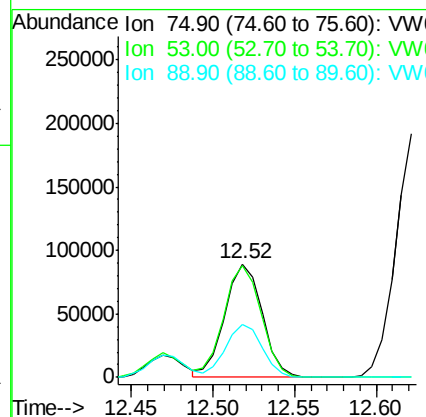
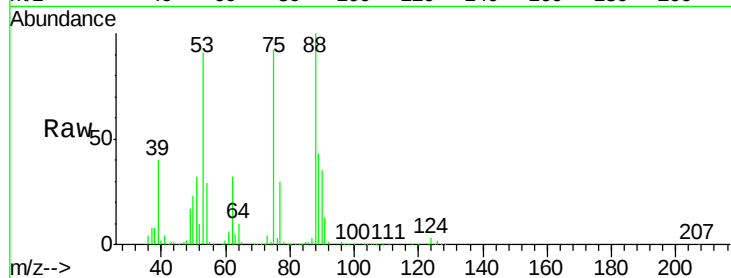
Tgt Ion: 75 Resp: 142112

Ion Ratio Lower Upper

75 100

53 99.3 82.4 123.6

89 45.5 35.9 53.9



#82

4-Chlorotoluene

Concen: 155.860 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003685.D

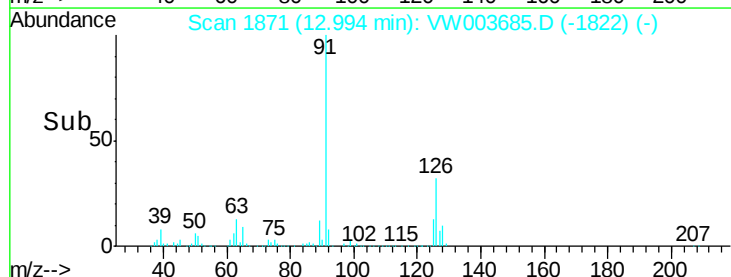
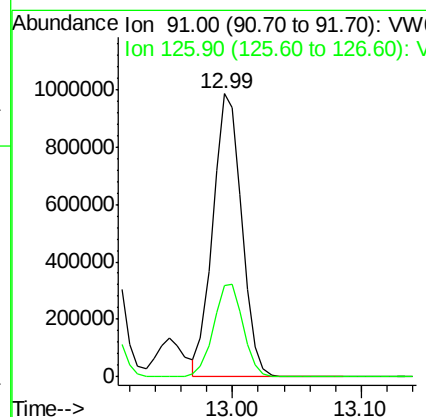
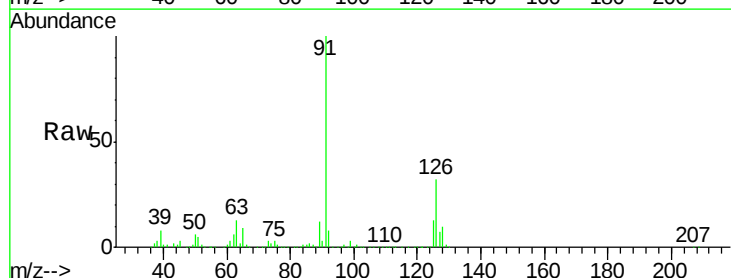
Acq: 02 Jul 2018 19:08

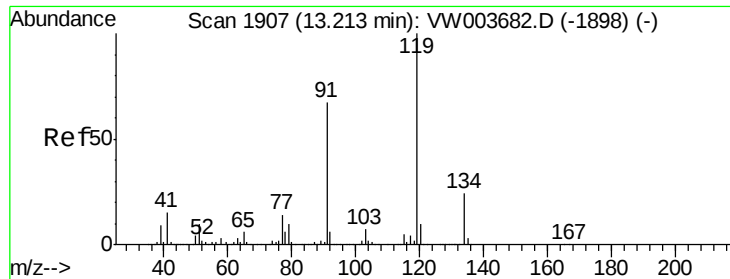
Tgt Ion: 91 Resp: 1542317

Ion Ratio Lower Upper

91 100

126 33.7 17.0 50.9

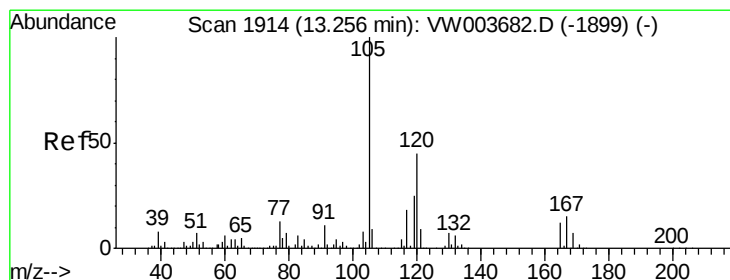
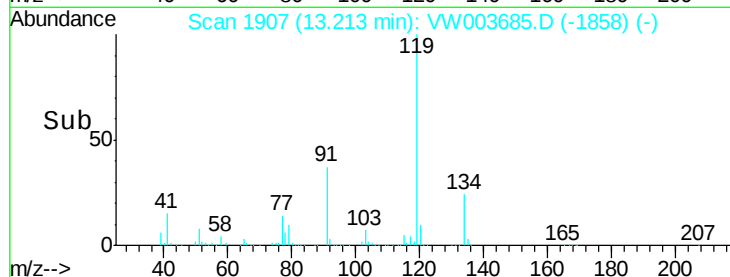
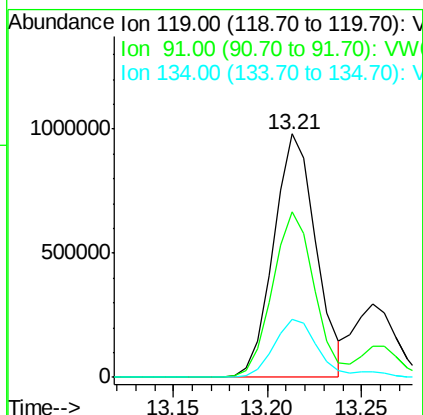
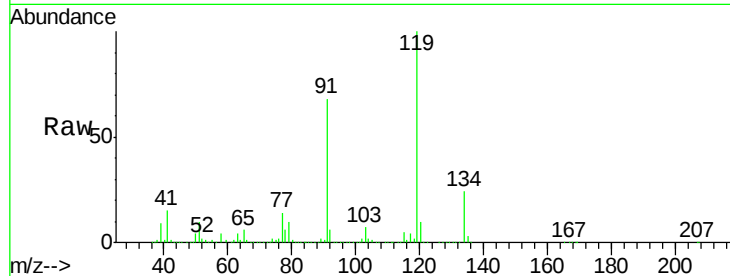




#83
tert-Butylbenzene
Concen: 159.275 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

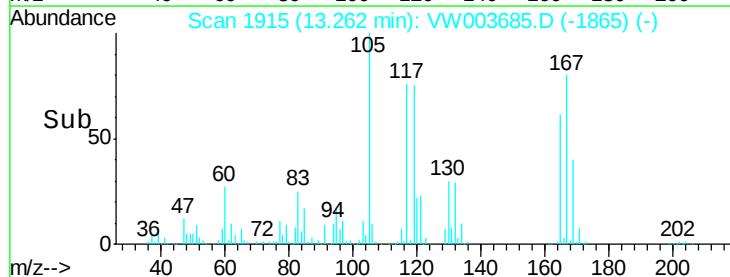
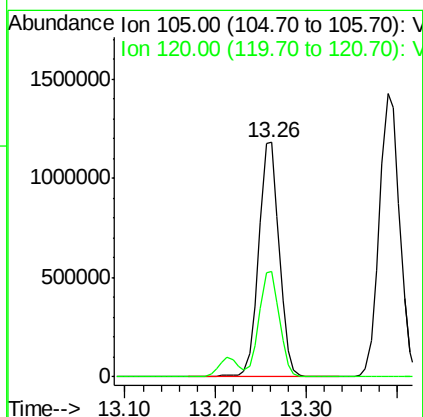
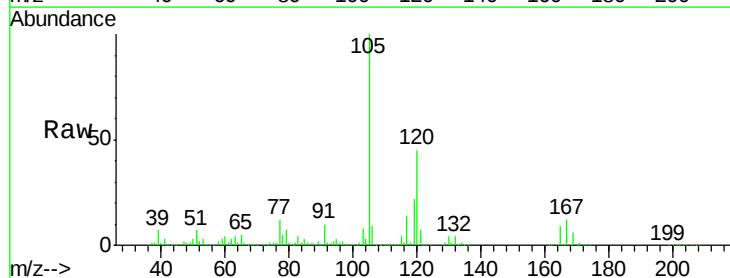
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

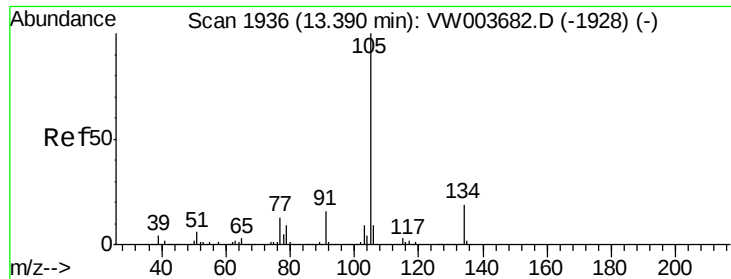
Tgt Ion:119 Resp: 1532050
Ion Ratio Lower Upper
119 100
91 67.6 33.8 101.3
134 26.0 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 158.259 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion:105 Resp: 1843546
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

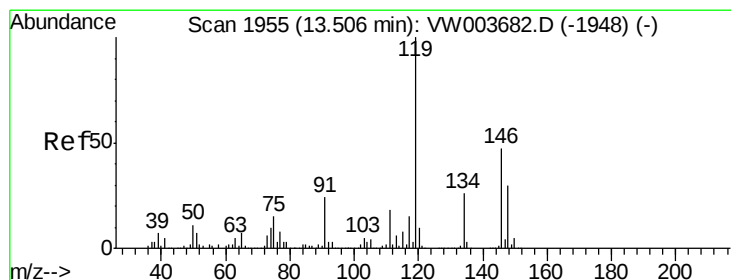
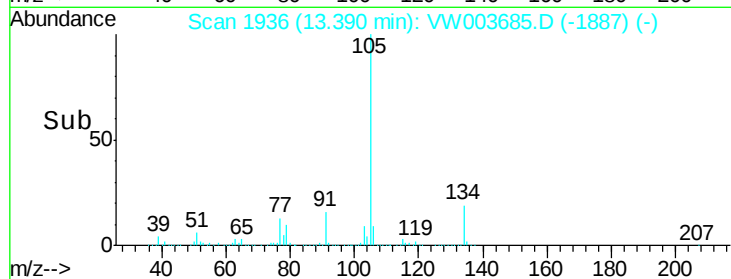
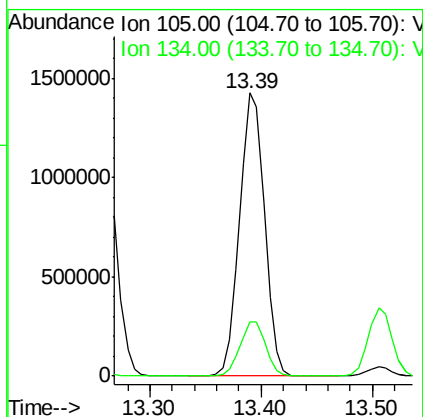
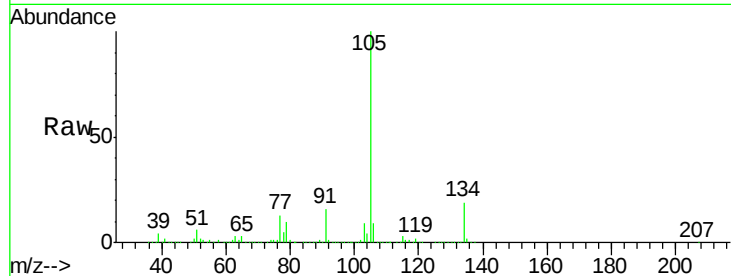




#85
 sec-Butylbenzene
 Concen: 154.835 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

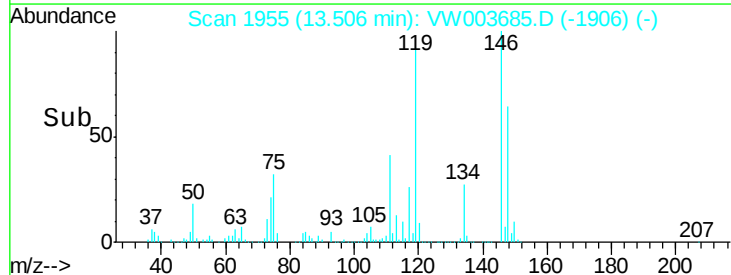
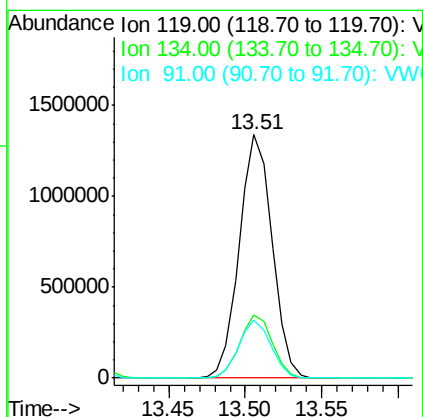
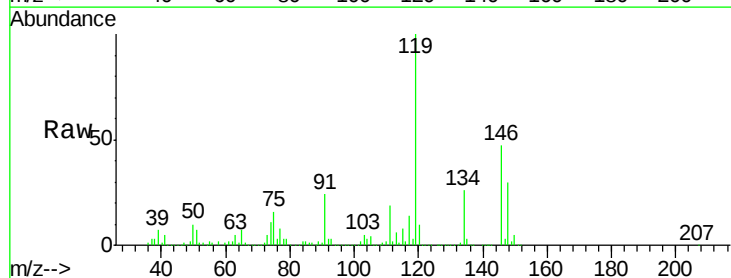
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

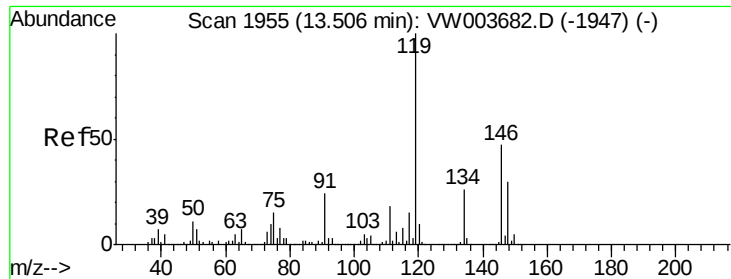
Tgt Ion:105 Resp: 2215723
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 157.970 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion:119 Resp: 1989364
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.5 11.8 35.4

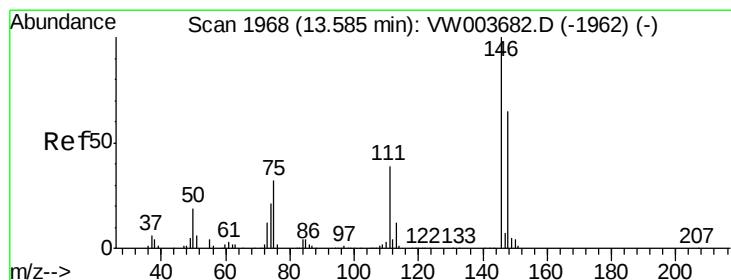
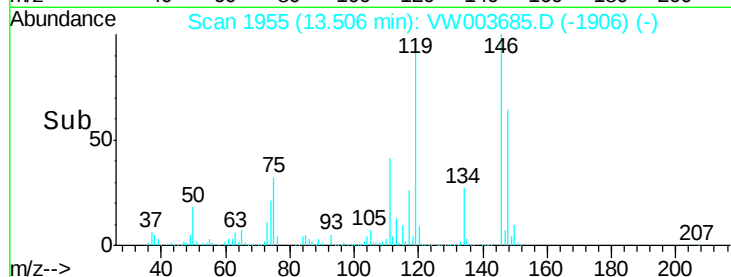
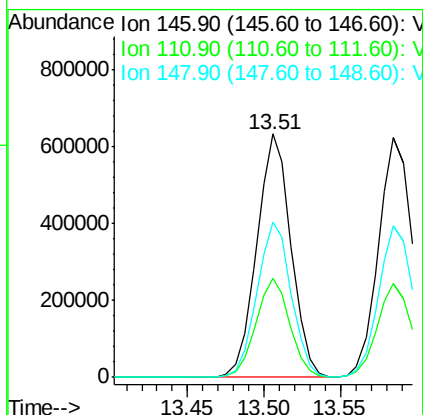
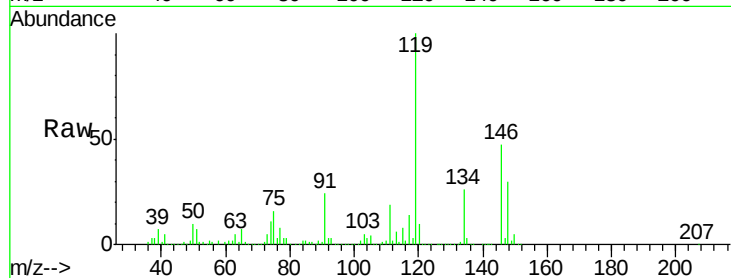




#87
 1,3-Dichlorobenzene
 Concen: 152.408 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

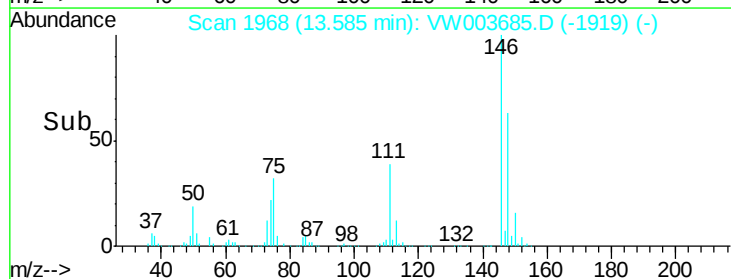
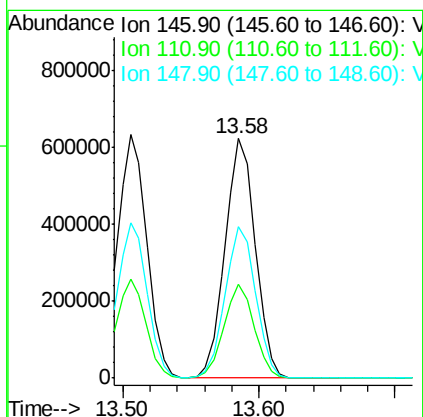
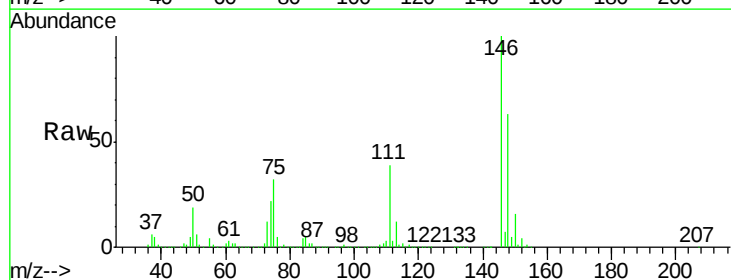
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

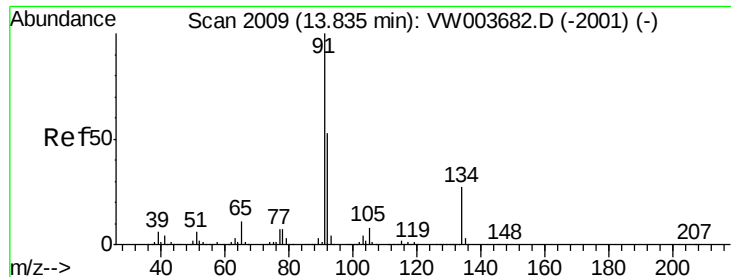
Tgt Ion:146 Resp: 981701
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.7
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 150.313 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion:146 Resp: 963144
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.3 57.9
 148 63.8 32.3 96.9





#89

n-Butylbenzene

Concen: 158.063 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

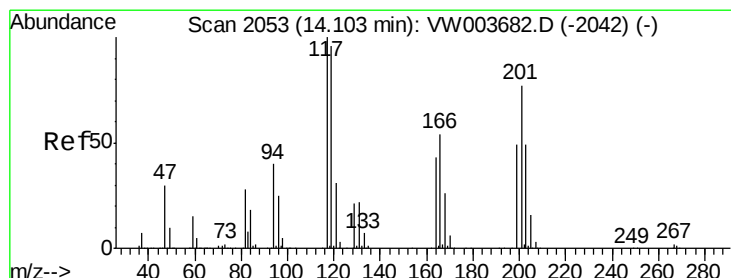
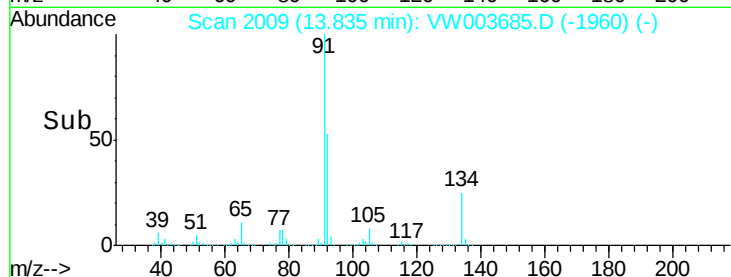
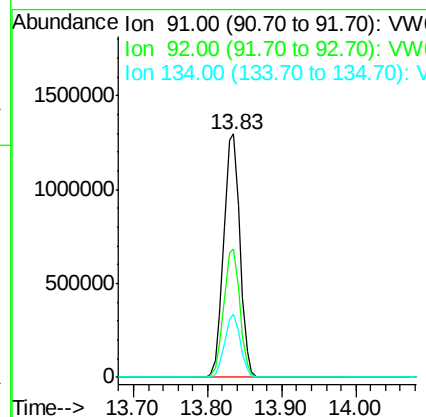
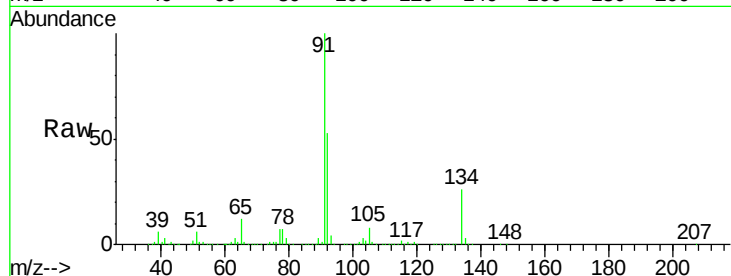
Tgt Ion: 91 Resp: 1944538

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 25.2 12.7 38.1



#90

Hexachloroethane

Concen: 158.263 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003685.D

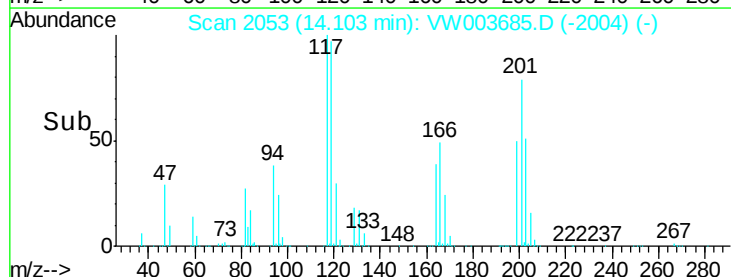
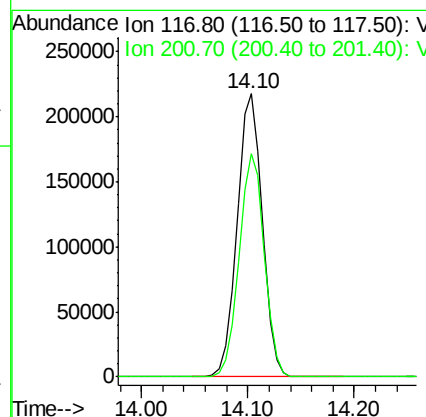
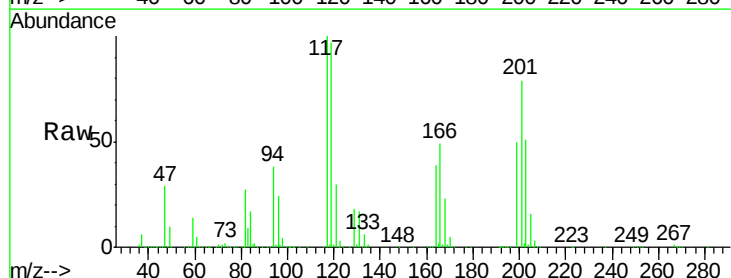
Acq: 02 Jul 2018 19:08

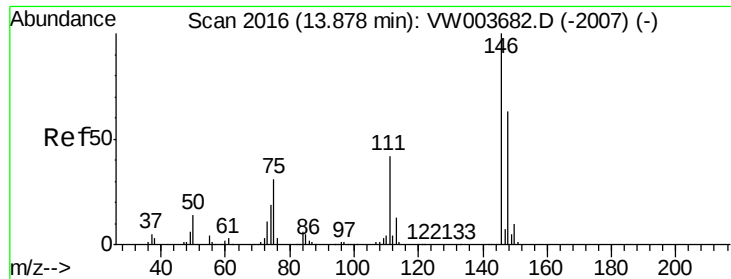
Tgt Ion: 117 Resp: 361068

Ion Ratio Lower Upper

117 100

201 78.5 39.1 117.2





#91

1,2-Dichlorobenzene

Concen: 154.897 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

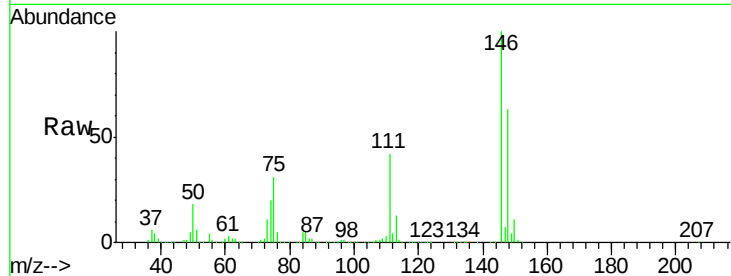
Tgt Ion:146 Resp: 875679

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

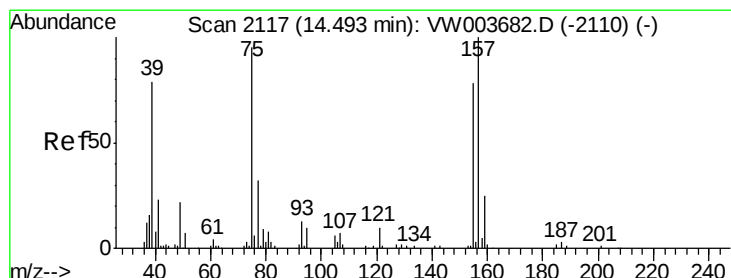
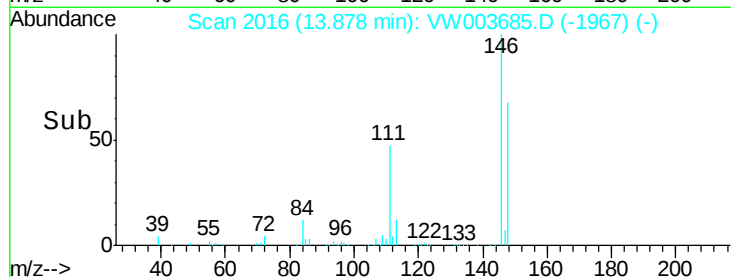
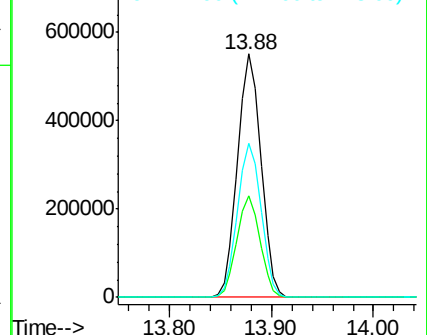
148 63.8 31.9 95.7



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: 186.401 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

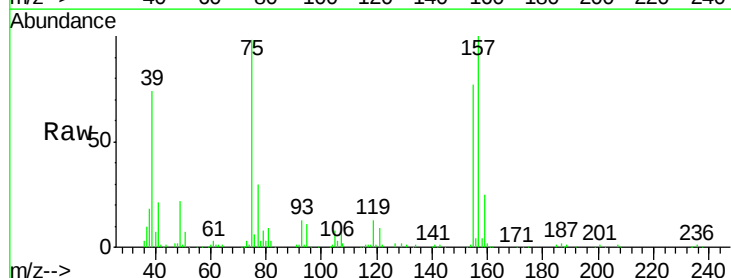
Tgt Ion: 75 Resp: 72930

Ion Ratio Lower Upper

75 100

155 80.9 40.2 120.6

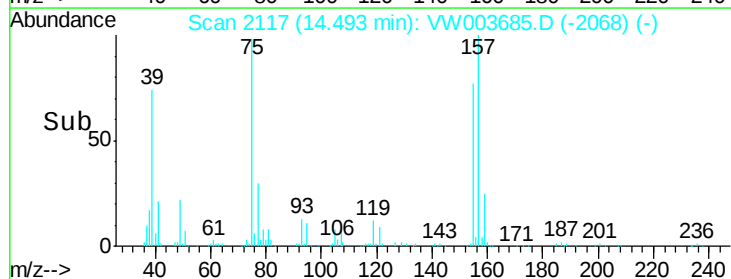
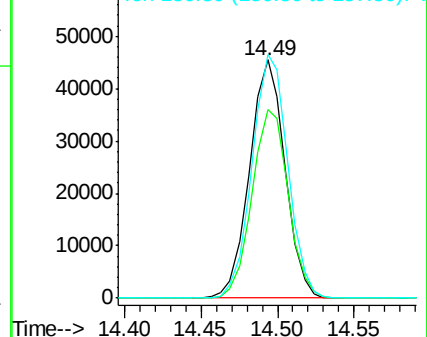
157 103.5 50.7 152.3

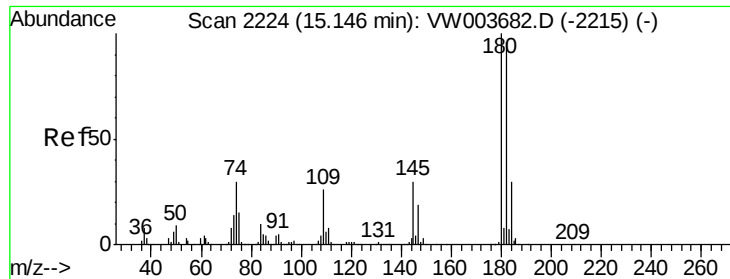


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

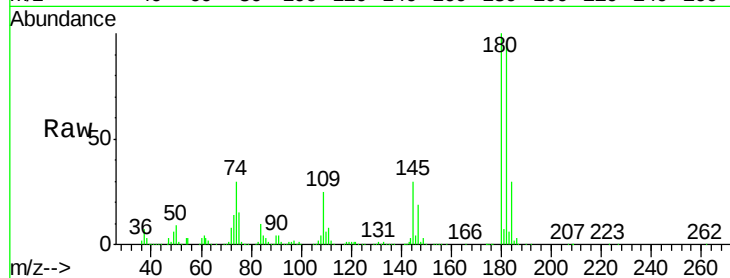




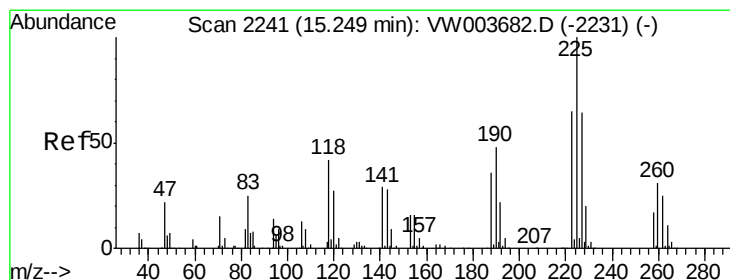
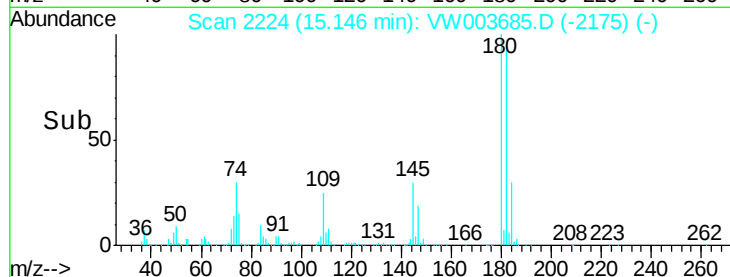
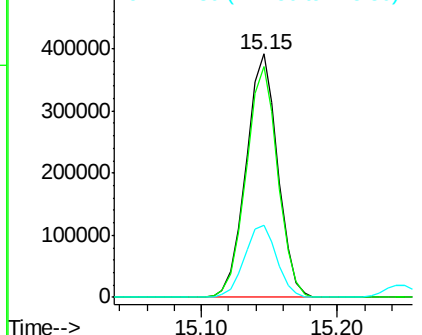
#93
 1,2,4-Trichlorobenzene
 Concen: 160.556 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 637629
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.8
 145 30.3 14.9 44.5

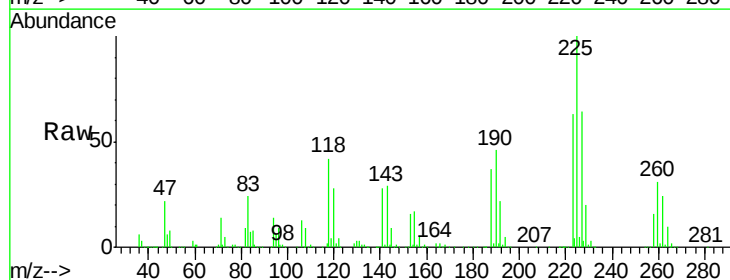


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

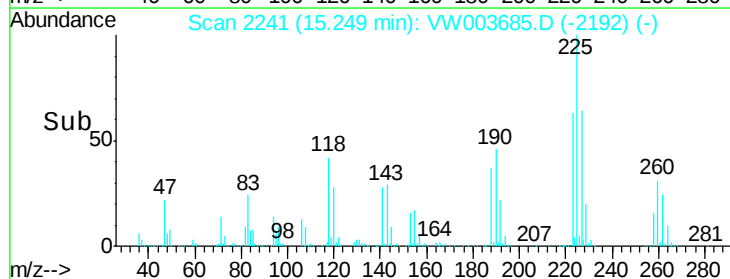
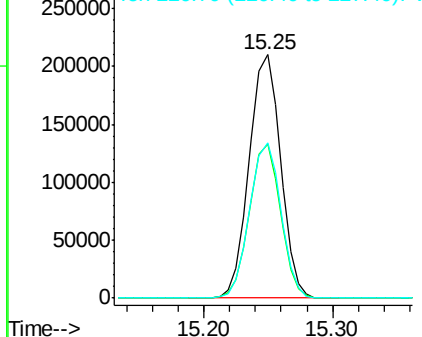


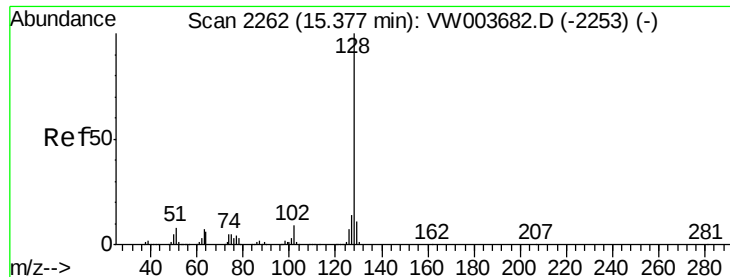
#94
 Hexachlorobutadiene
 Concen: 149.388 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion:225 Resp: 354060
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.0 96.2
 227 63.7 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

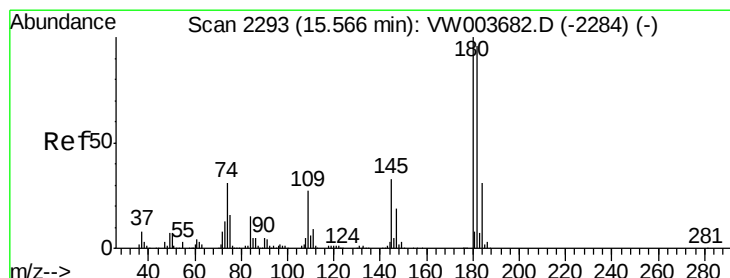
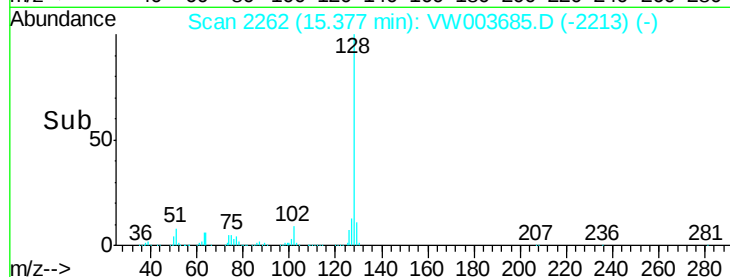
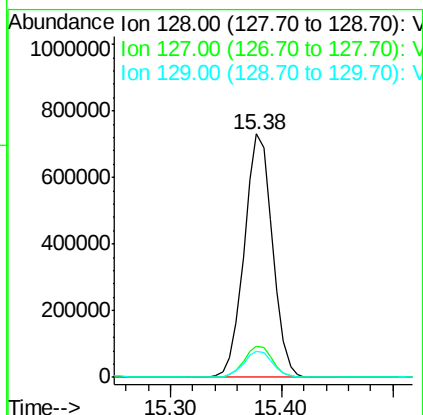
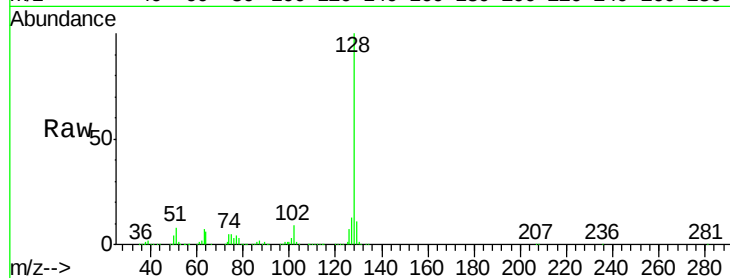




#95
Naphthalene
Concen: 187.594 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1279213
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 161.882 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion:180 Resp: 567073
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 31.8 15.9 47.7

