

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003664.D
 Acq On : 29 Jun 2018 16:50
 Operator : SY/AP
 Sample : J3762-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:41:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	296563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143784	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117445	60.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.36%	
35) Dibromofluoromethane	7.88	113	101282	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
50) Toluene-d8	10.33	98	379689	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.62	95	132719	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	1771	3.278	ug/l	72
3) Chloromethane	2.21	50	3483	2.552	ug/l	100
4) Vinyl Chloride	2.36	62	4907	2.466	ug/l	90
5) Bromomethane	2.78	94	3221	2.436	ug/l	94
6) Chloroethane	2.92	64	3041	2.196	ug/l	99
7) Trichlorofluoromethane	3.25	101	2864	2.403	ug/l	94
8) Diethyl Ether	3.67	74	2774	3.168	ug/l	67
9) 1,1,2-Trichlorotrifluoroet	4.06	101	4330	2.616	ug/l	95
10) Methyl Iodide	4.26	142	5975	2.387	ug/l	96
11) Tert butyl alcohol	5.23	59	593	5.713	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	4083	2.524	ug/l	100
13) Acrolein	3.89	56	1420	9.568	ug/l	98
14) Allyl chloride	4.66	41	7023	2.507	ug/l	96
15) Acrylonitrile	5.38	53	4953	13.748	ug/l	97
16) Acetone	4.14	43	8843	21.785	ug/l	93
17) Carbon Disulfide	4.37	76	12603	2.635	ug/l	98
18) Methyl Acetate	4.68	43	4464	4.636	ug/l #	74
19) Methyl tert-butyl Ether	5.44	73	7349	2.426	ug/l #	90
20) Methylene Chloride	4.92	84	14510	5.120	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	4626	2.628	ug/l #	79
22) Diisopropyl ether	6.32	45	11452	2.031	ug/l #	86
23) Vinyl Acetate	6.26	43	30214	9.298	ug/l	100
24) 1,1-Dichloroethane	6.21	63	8726	2.607	ug/l	98
25) 2-Butanone	7.18	43	8555	16.949	ug/l	100
26) 2,2-Dichloropropane	7.17	77	7259	3.249	ug/l	87
27) cis-1,2-Dichloroethene	7.17	96	4274	2.210	ug/l	72
28) Bromochloromethane	7.51	49	4503	3.232	ug/l	91
29) Tetrahydrofuran	7.54	42	4207	13.638	ug/l	95
30) Chloroform	7.68	83	8404	2.464	ug/l	91
31) Cyclohexane	7.95	56	11025	3.525	ug/l #	70
32) 1,1,1-Trichloroethane	7.87	97	6939	2.465	ug/l	97
36) 1,1-Dichloropropene	8.09	75	6531	2.280	ug/l	98
37) Ethyl Acetate	7.27	43	3109	2.620	ug/l	99
38) Carbon Tetrachloride	8.07	117	6274	2.233	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	6898	2.082	ug/l	95
40) Benzene	8.32	78	18592	2.355	ug/l	100
41) Methacrylonitrile	7.49	41	1615	2.218	ug/l	97
42) 1,2-Dichloroethane	8.40	62	6198	2.506	ug/l	96
43) Isopropyl Acetate	8.43	43	5837	2.478	ug/l #	81
44) Trichloroethene	9.09	130	4961	2.372	ug/l	97
45) 1,2-Dichloropropane	9.37	63	4722	2.349	ug/l	99
46) Dibromomethane	9.46	93	2394	2.326	ug/l	97
47) Bromodichloromethane	9.65	83	6178	2.342	ug/l #	96
48) Methyl methacrylate	9.44	41	2346	2.119	ug/l	97
49) 1,4-Dioxane	9.48	88	795	51.164	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	13800	11.495	ug/l	95
52) Toluene	10.39	92	12186	2.407	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	5828	2.163	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	6444	2.101	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	3309	2.282	ug/l #	87
56) Ethyl methacrylate	10.65	69	3577	2.031	ug/l #	83
57) 1,3-Dichloropropane	10.94	76	5975	2.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	8195	10.381	ug/l	99
59) 2-Hexanone	10.98	43	9491	11.317	ug/l	93
60) Dibromochloromethane	11.13	129	3908	2.266	ug/l	97
61) 1,2-Dibromoethane	11.24	107	3351	2.443	ug/l	97
64) Tetrachloroethene	10.87	164	4452	2.377	ug/l	94
65) Chlorobenzene	11.66	112	12757	2.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	4295	2.096	ug/l	97
67) Ethyl Benzene	11.74	91	21121	2.043	ug/l	96
68) m/p-Xylenes	11.84	106	15140	3.853	ug/l	96
69) o-Xylene	12.17	106	6625	1.819	ug/l	97
70) Styrene	12.19	104	10761	1.775	ug/l	99
71) Bromoform	12.35	173	2132	2.007	ug/l #	98
73) Isopropylbenzene	12.47	105	18005	1.800	ug/l	100
74) N-amyl acetate	12.28	43	4812	2.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	4184	2.473	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	5444	4.429	ug/l #	100
77) Bromobenzene	12.75	156	5153	2.212	ug/l	96
78) n-propylbenzene	12.81	91	24545	2.004	ug/l	98
79) 2-Chlorotoluene	12.90	91	14525	2.099	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	15553	1.853	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71850	134.504	ug/l #	8
82) 4-Chlorotoluene	12.99	91	15265	2.079	ug/l	98
83) tert-Butylbenzene	13.21	119	13246	1.852	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	15595	1.806	ug/l	97
85) sec-Butylbenzene	13.39	105	18610	1.750	ug/l	96
86) p-Isopropyltoluene	13.51	119	15823	1.687	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	10065	2.104	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	11357	2.388	ug/l	86
89) n-Butylbenzene	13.83	91	16875	1.846	ug/l	96
90) Hexachloroethane	14.10	117	3635	2.143	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	9360	2.233	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	802	2.817	ug/l	89

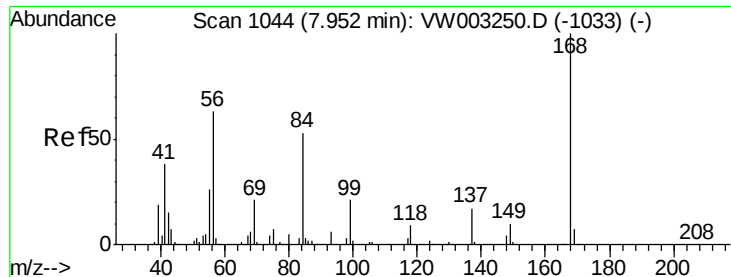
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	6054	2.058	ug/l	99
94) Hexachlorobutadiene	15.25	225	3840	2.170	ug/l	95
95) Naphthalene	15.38	128	9142	1.832	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	5664	2.187	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

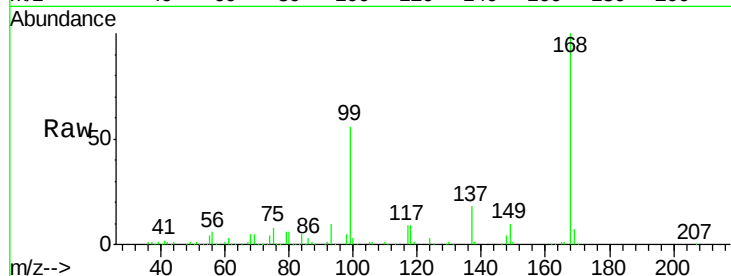
ClientSampled :

Tot Ion:168 Resp: 178685

Ion Ratio Lower Upper

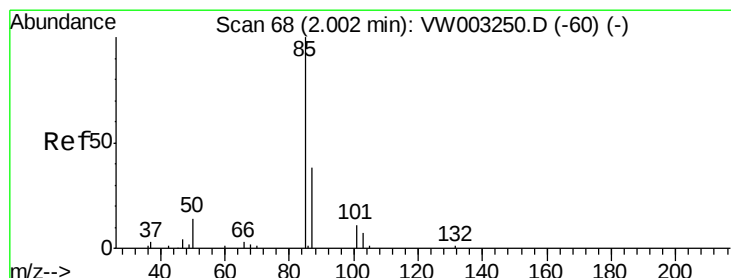
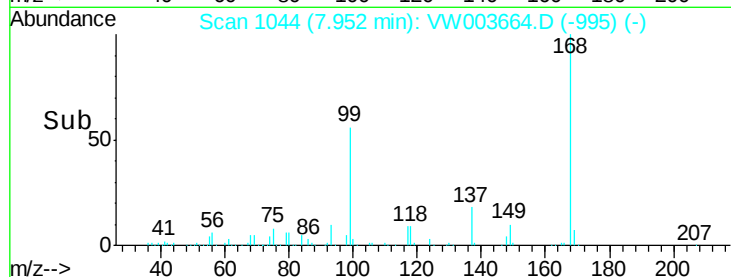
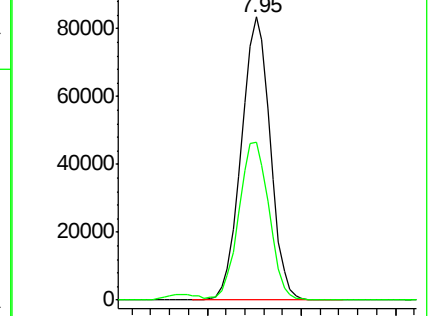
168 100

99 56.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.278 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003664.D

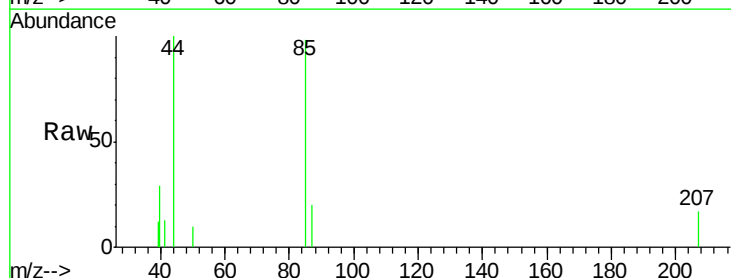
Acq: 29 Jun 2018 16:50

Tgt Ion: 85 Resp: 1771

Ion Ratio Lower Upper

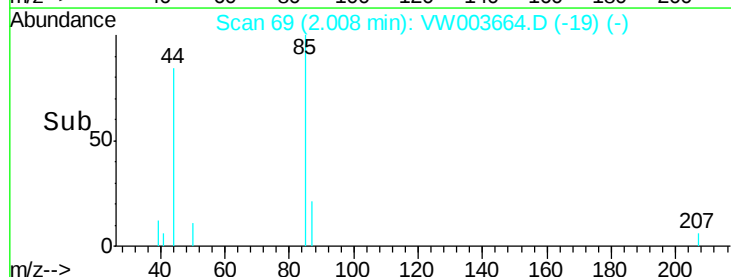
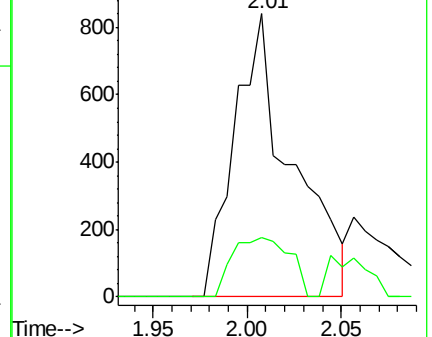
85 100

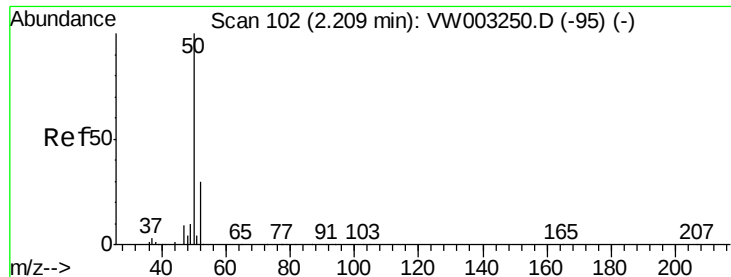
87 20.8 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 2.552 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

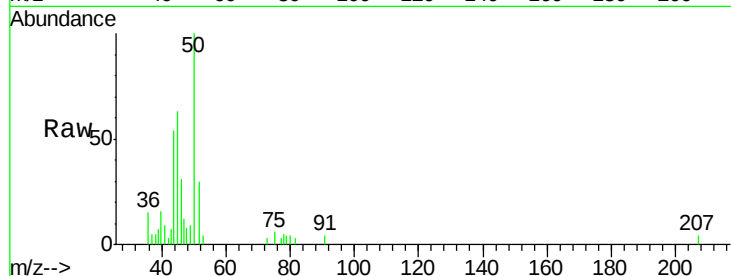
ClientSampleId :

Tot Ion: 50 Resp: 3483

Ion Ratio Lower Upper

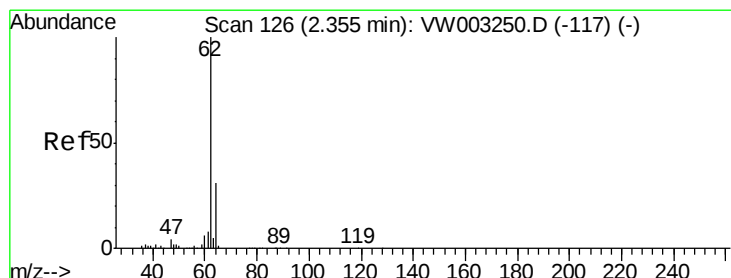
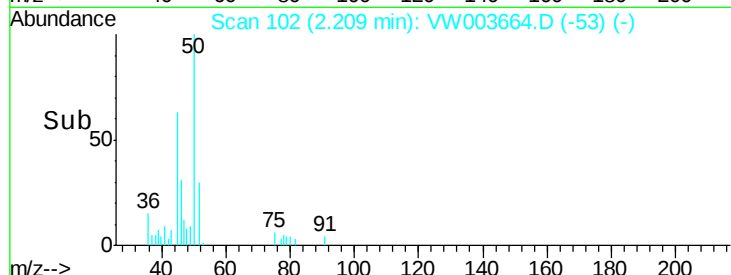
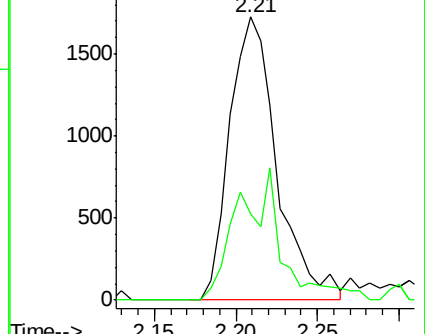
50 100

52 30.4 24.2 36.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 2.466 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003664.D

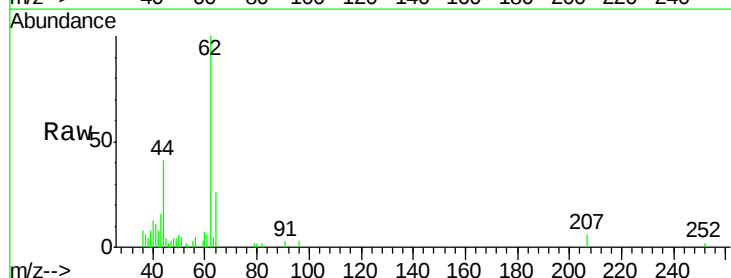
Acq: 29 Jun 2018 16:50

Tgt Ion: 62 Resp: 4907

Ion Ratio Lower Upper

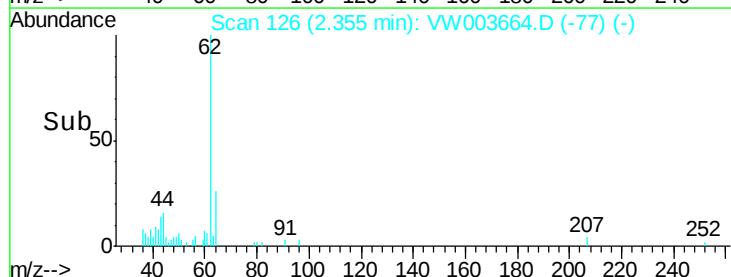
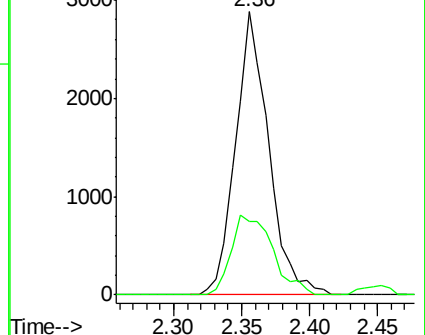
62 100

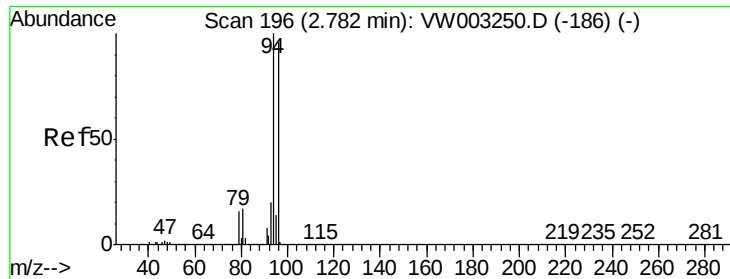
64 25.8 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 2.436 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

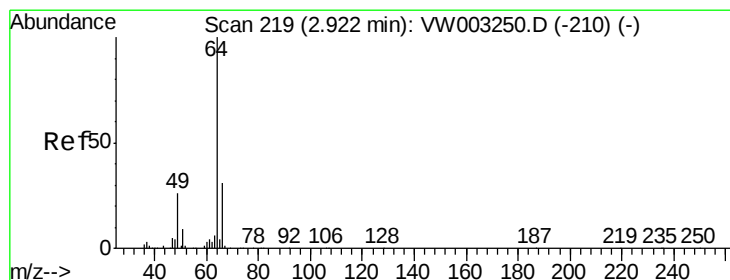
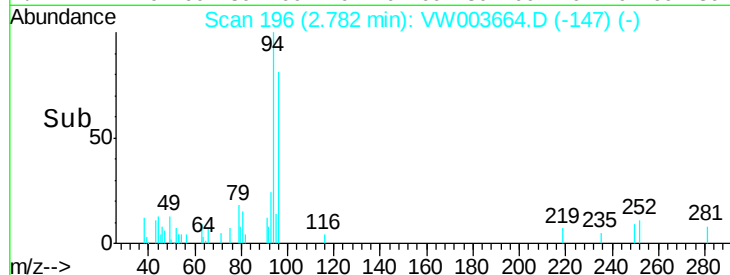
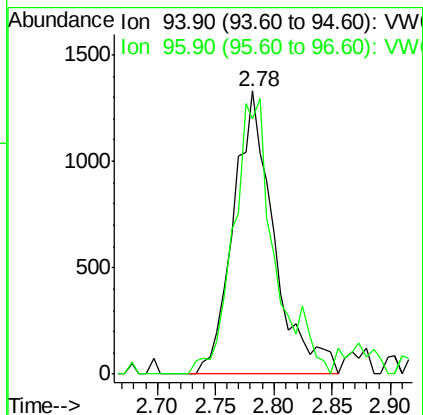
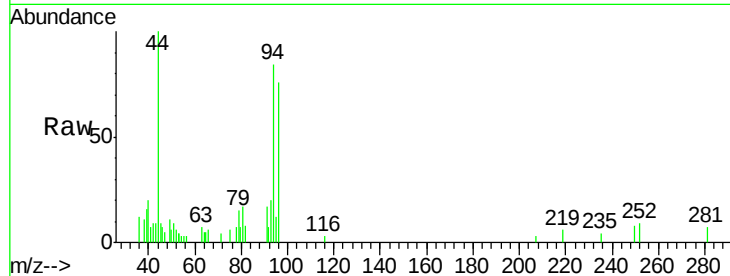
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 3221

Ion Ratio Lower Upper

94 100

96 90.1 76.5 114.7



#6

Chloroethane

Concen: 2.196 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003664.D

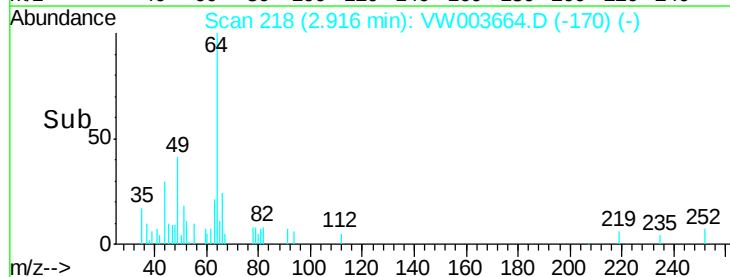
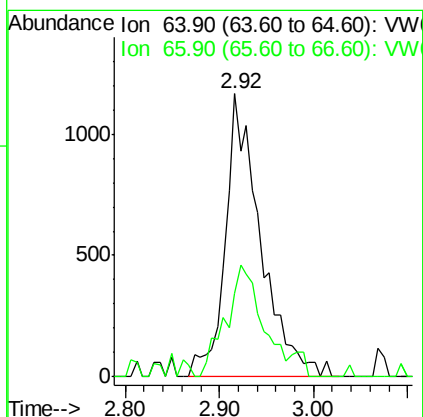
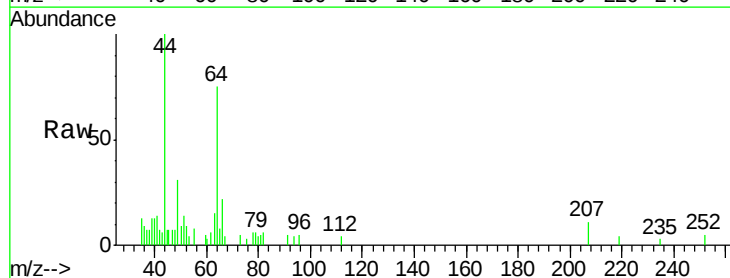
Acq: 29 Jun 2018 16:50

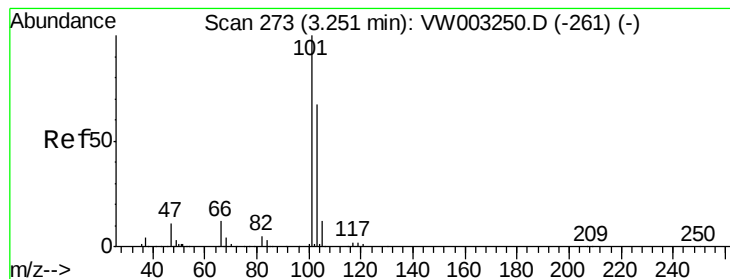
Tgt Ion: 64 Resp: 3041

Ion Ratio Lower Upper

64 100

66 29.8 24.4 36.6



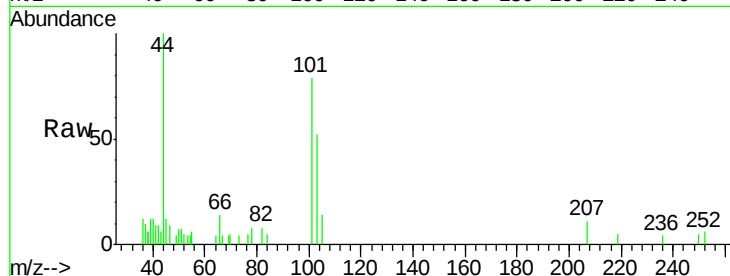


#7

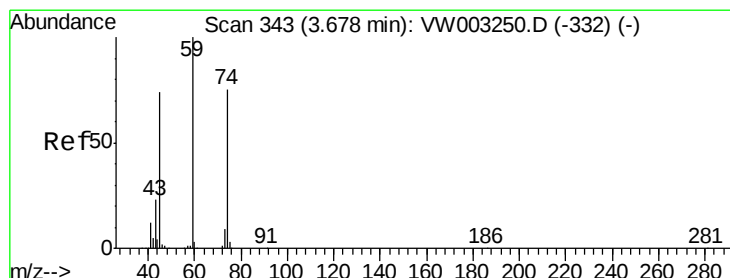
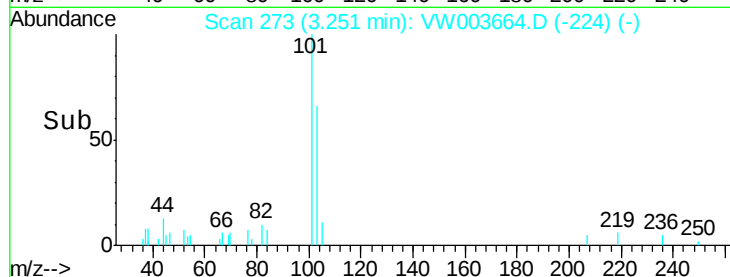
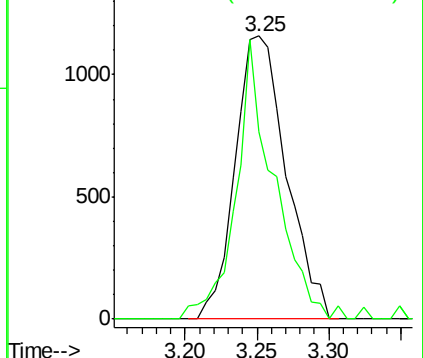
Trichlorofluoromethane
Concen: 2.403 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:101 Resp: 2864
Ion Ratio Lower Upper
101 100
103 61.7 53.4 80.0



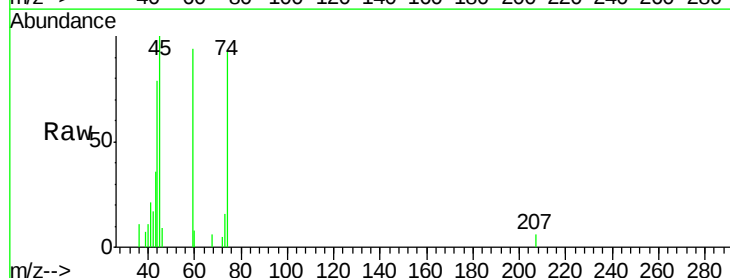
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



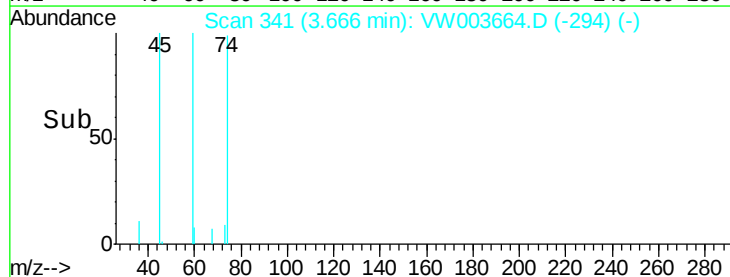
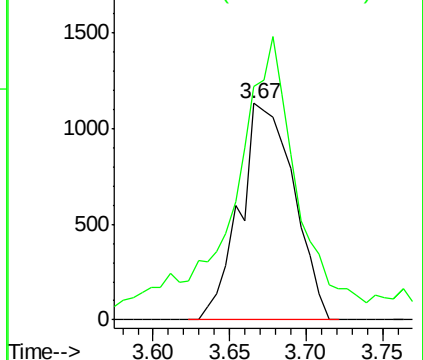
#8

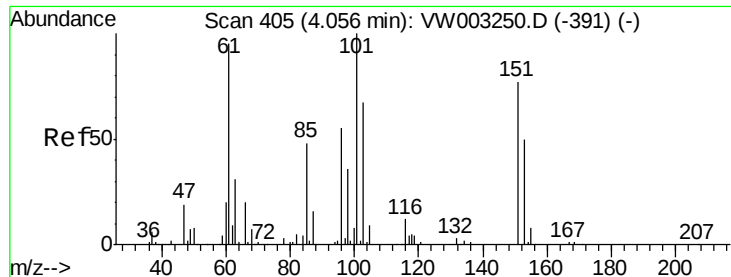
Diethyl Ether
Concen: 3.168 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 74 Resp: 2774
Ion Ratio Lower Upper
74 100
45 136.4 51.4 154.2



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: 2.616 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampleId :

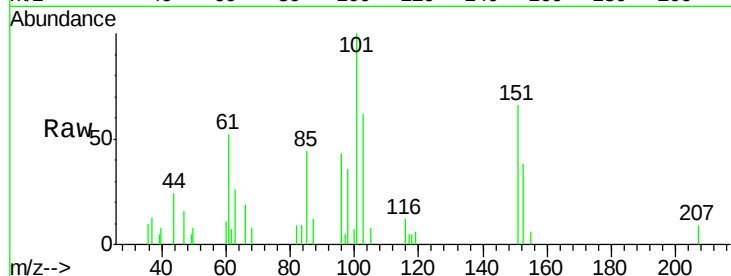
Tot Ion:101 Resp: 4330

Ion Ratio Lower Upper

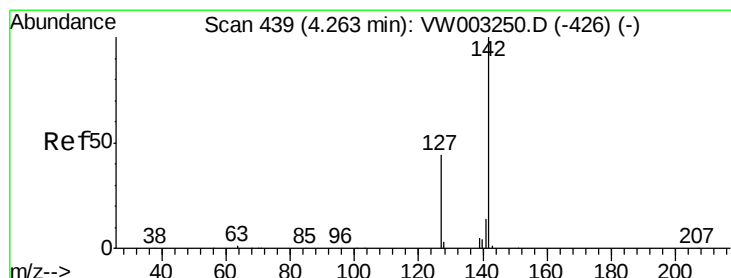
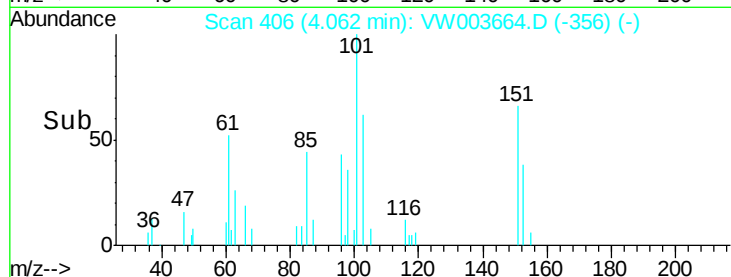
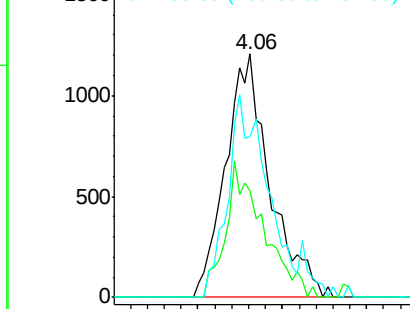
101 100

85 47.8 37.0 55.6

151 73.3 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.387 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

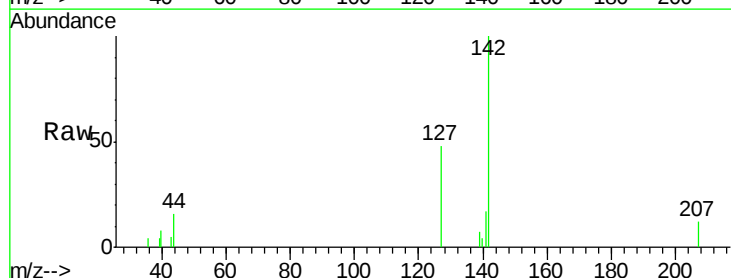
Tgt Ion:142 Resp: 5975

Ion Ratio Lower Upper

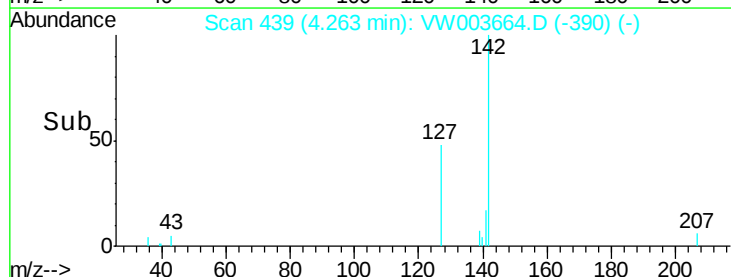
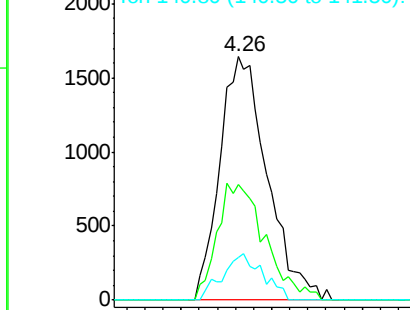
142 100

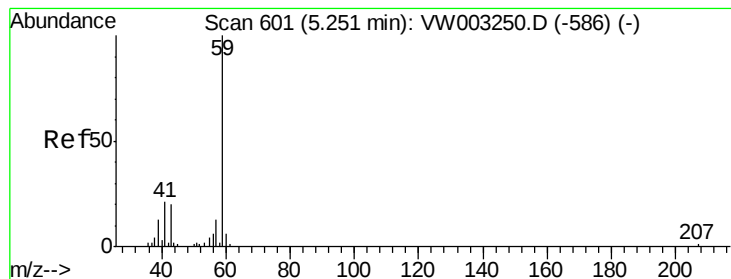
127 48.3 36.5 54.7

141 16.0 12.1 18.1



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



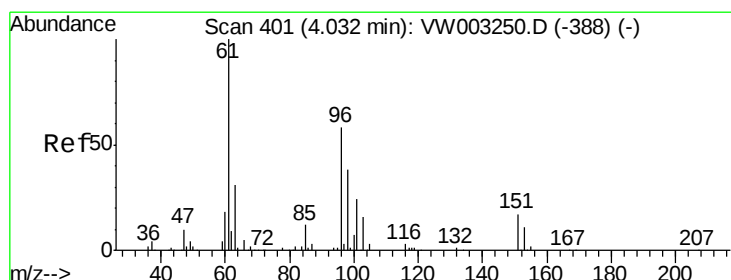
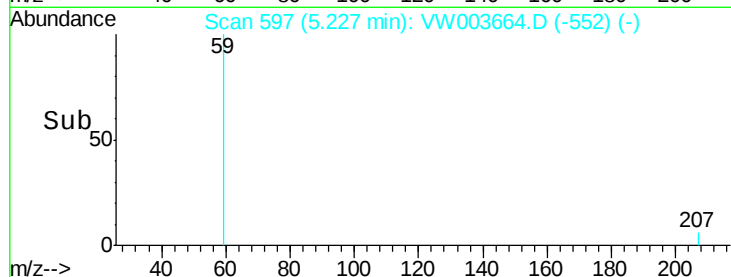
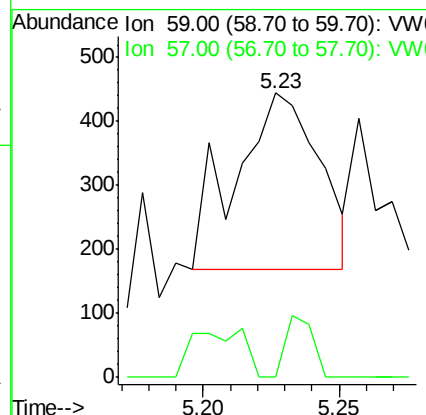
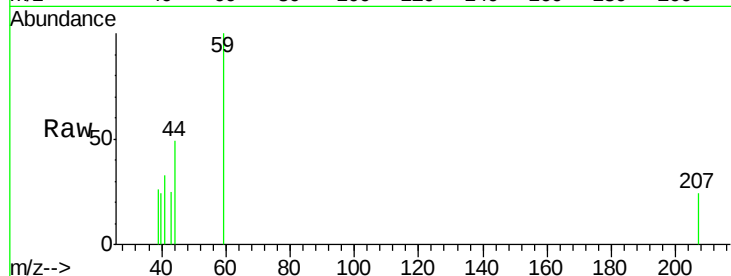


#11

Tert butyl alcohol
Concen: 5.713 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Instrument :
MSVOA_W
ClientSampled :

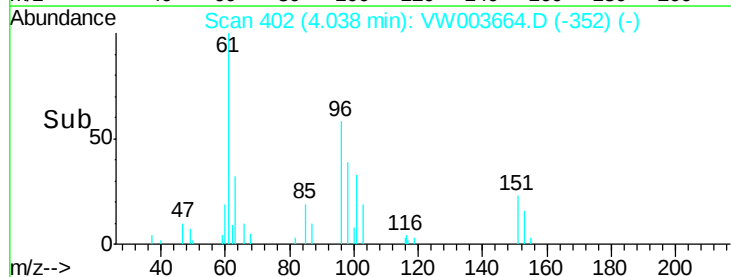
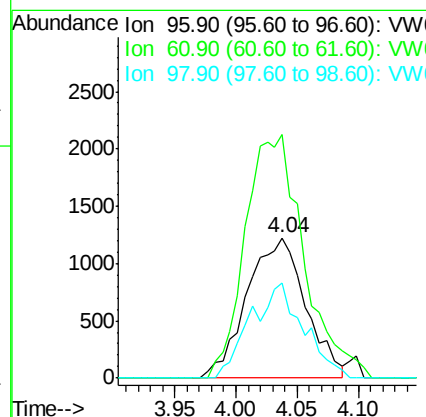
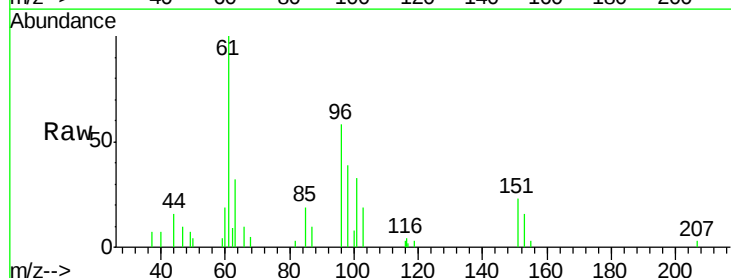
Tot Ion: 59 Resp: 593
Ion Ratio Lower Upper
59 100
57 10.8 4.2 6.2#

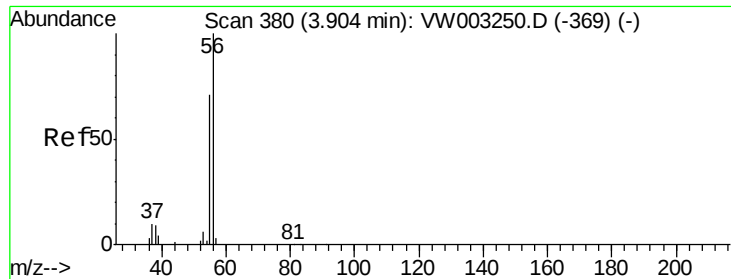


#12

1,1-Dichloroethene
Concen: 2.524 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 96 Resp: 4083
Ion Ratio Lower Upper
96 100
61 173.8 139.0 208.4
98 67.5 53.3 79.9





#13

Acrolein

Concen: 9.568 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.02 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

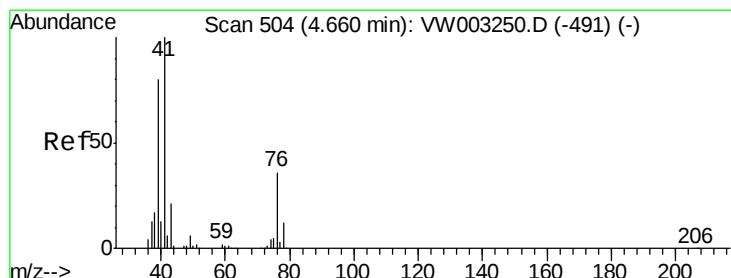
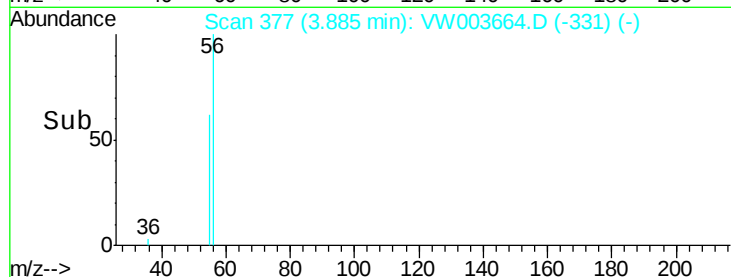
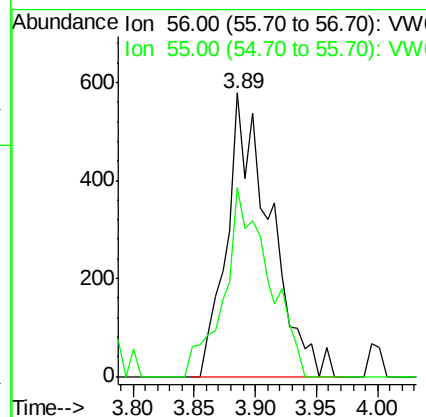
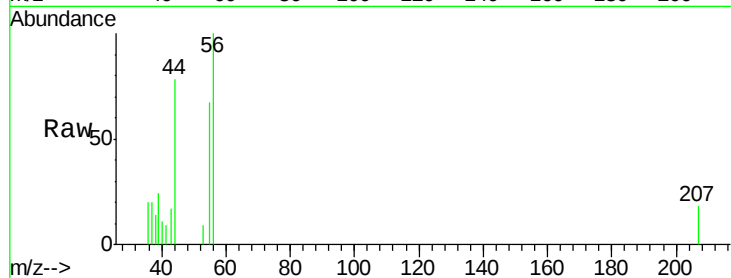
ClientSampled :

Tot Ion: 56 Resp: 1420

Ion Ratio Lower Upper

56 100

55 67.8 55.4 83.2



#14

Allyl chloride

Concen: 2.507 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

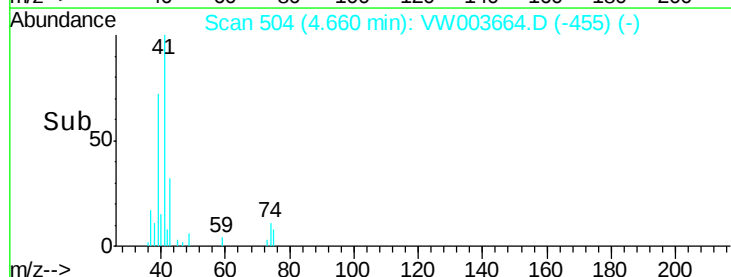
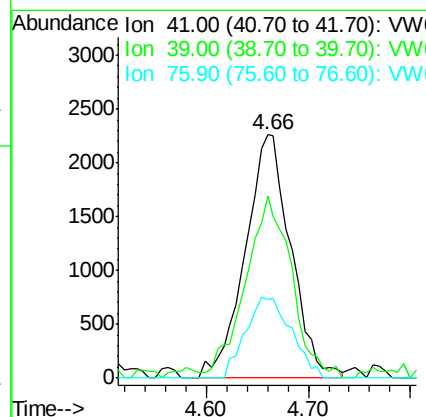
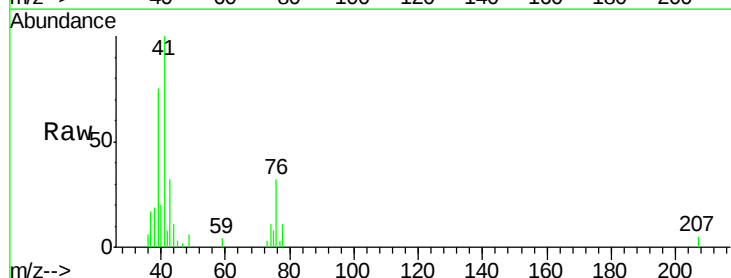
Tgt Ion: 41 Resp: 7023

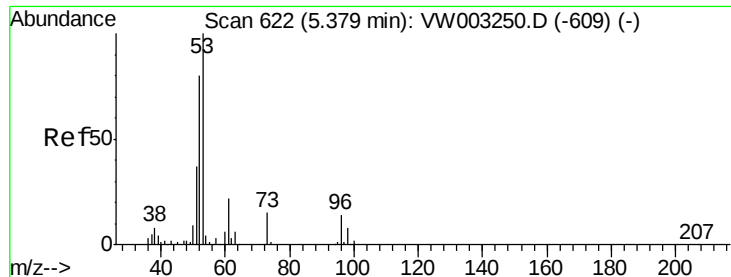
Ion Ratio Lower Upper

41 100

39 75.6 63.2 94.8

76 33.1 28.0 42.0





#15

Acrylonitrile

Concen: 13.748 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampleId :

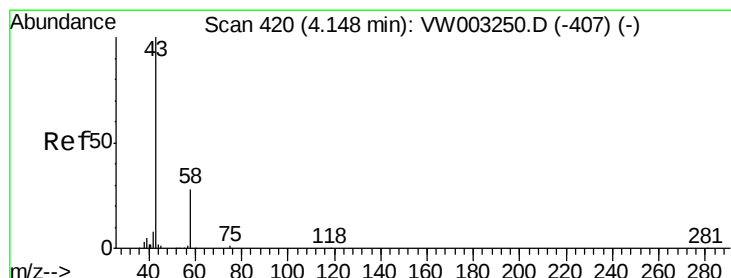
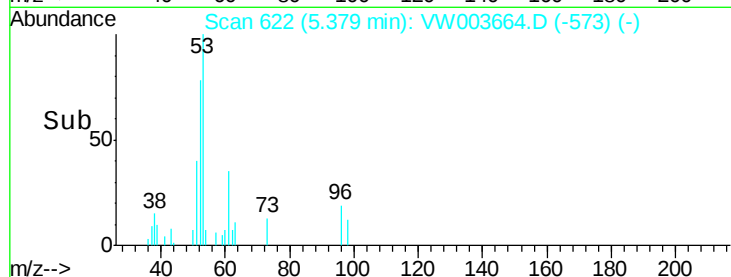
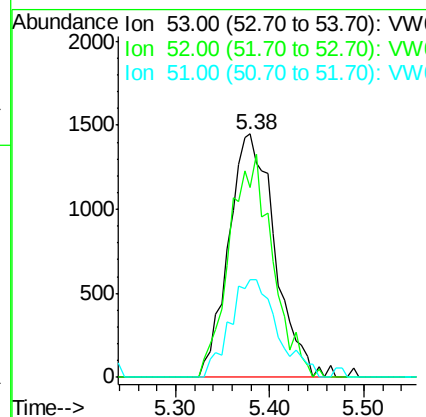
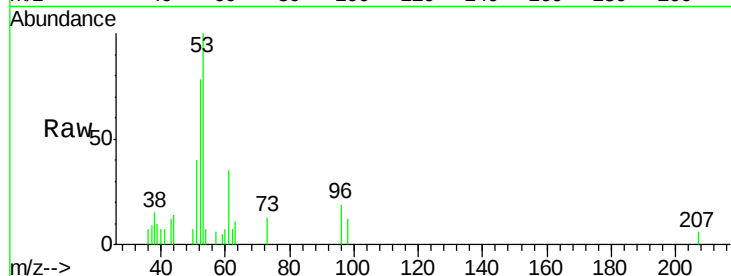
Tot Ion: 53 Resp: 4953

Ion Ratio Lower Upper

53 100

52 85.8 66.6 100.0

51 41.3 30.6 46.0



#16

Acetone

Concen: 21.785 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003664.D

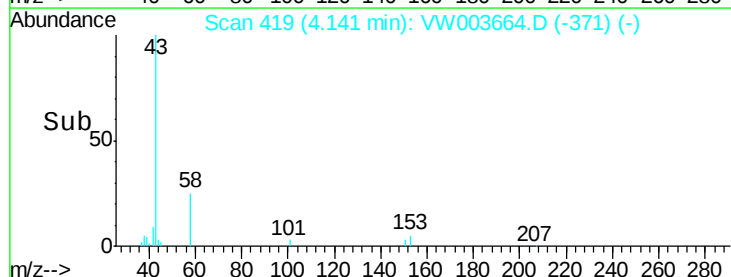
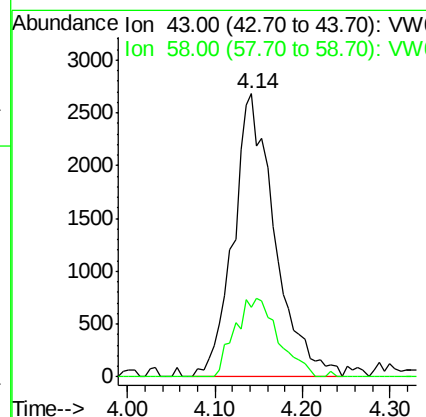
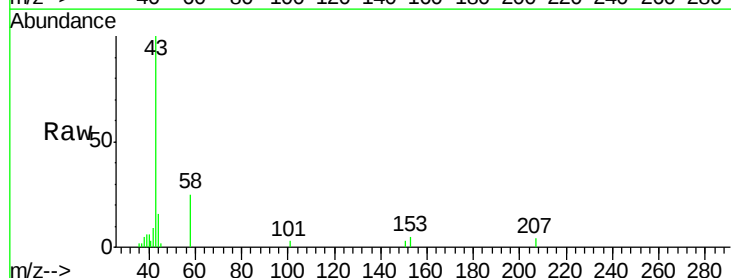
Acq: 29 Jun 2018 16:50

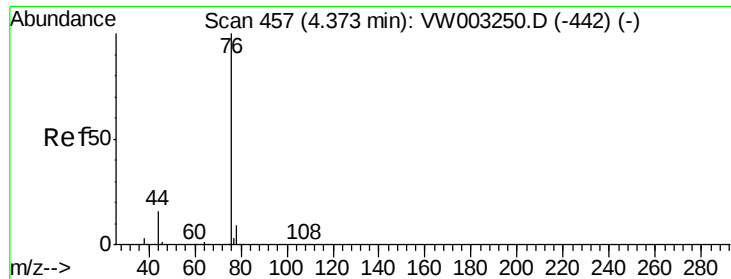
Tgt Ion: 43 Resp: 8843

Ion Ratio Lower Upper

43 100

58 24.5 22.6 34.0





#17

Carbon Disulfide

Concen: 2.635 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

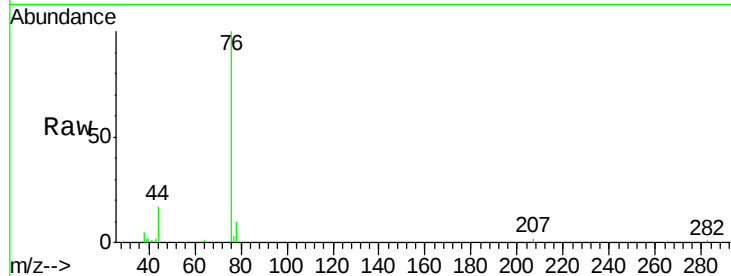
ClientSampleId :

Tot Ion: 76 Resp: 12603

Ion Ratio Lower Upper

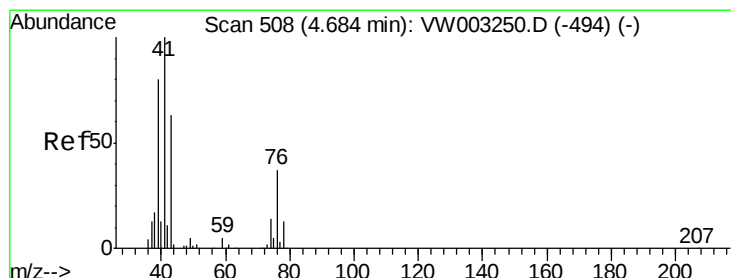
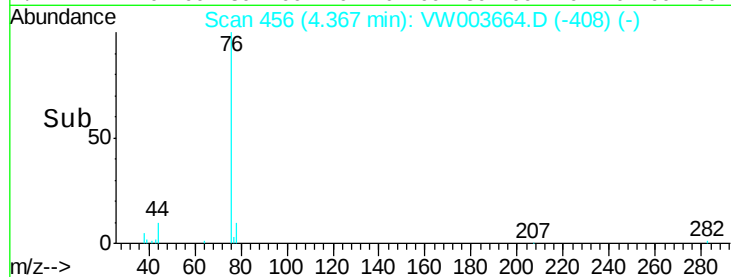
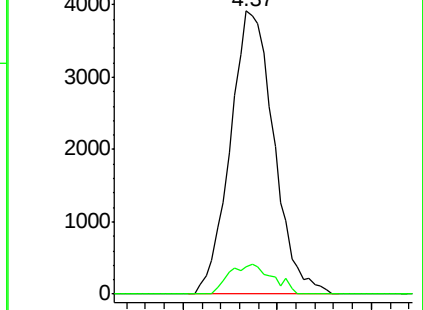
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 4.636 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003664.D

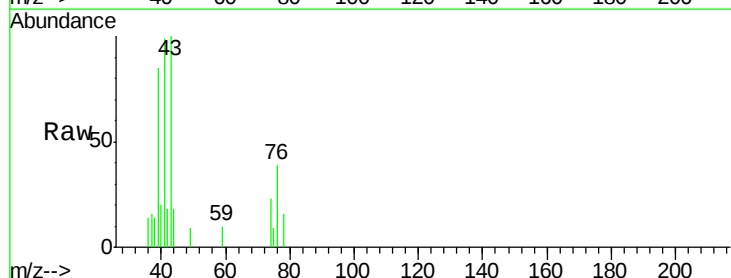
Acq: 29 Jun 2018 16:50

Tgt Ion: 43 Resp: 4464

Ion Ratio Lower Upper

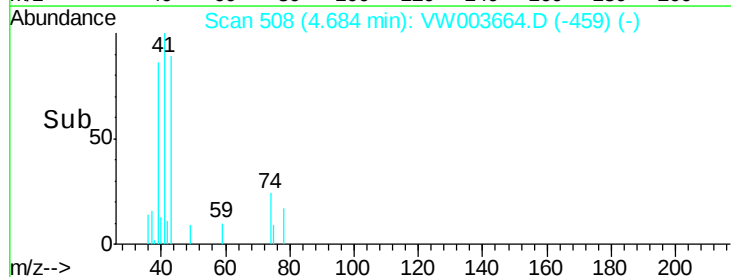
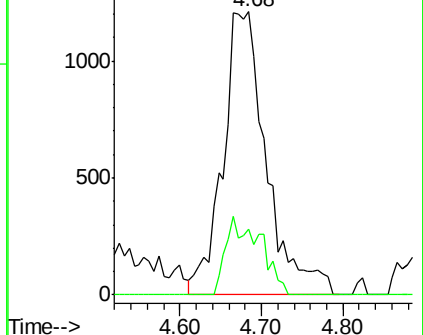
43 100

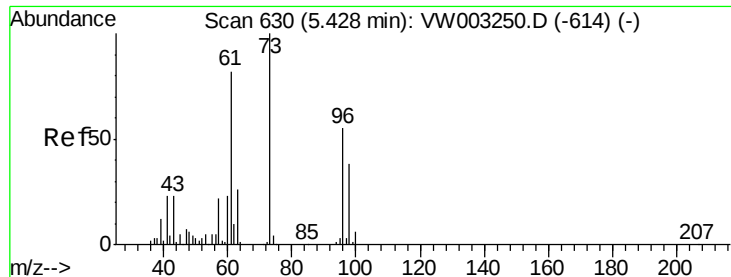
74 10.9 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

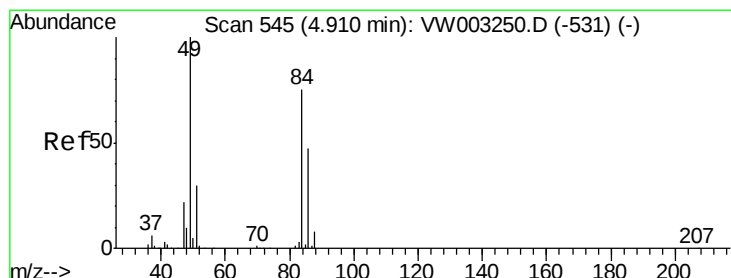
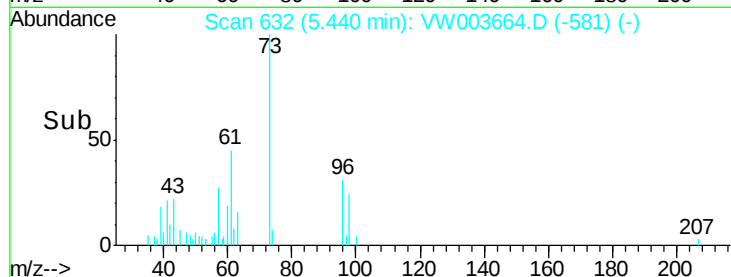
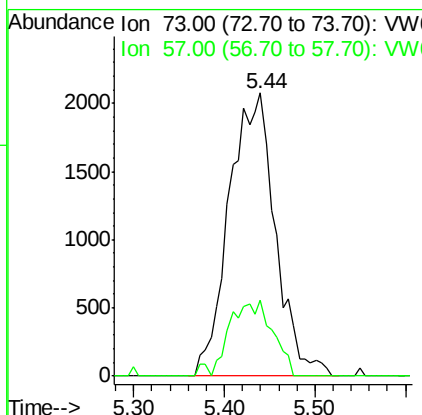
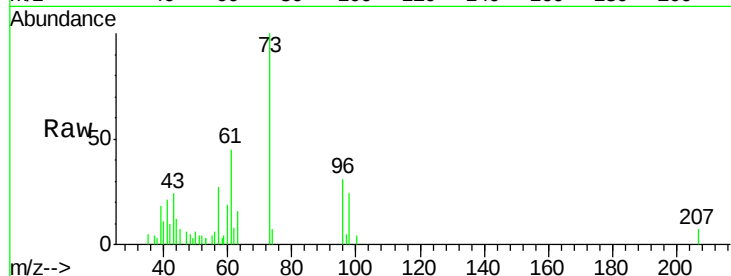




#19
Methvl tert-butvl Ether
Concen: 2.426 ug/l
RT: 5.44 min Scan# 632
Delta R.T. 0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

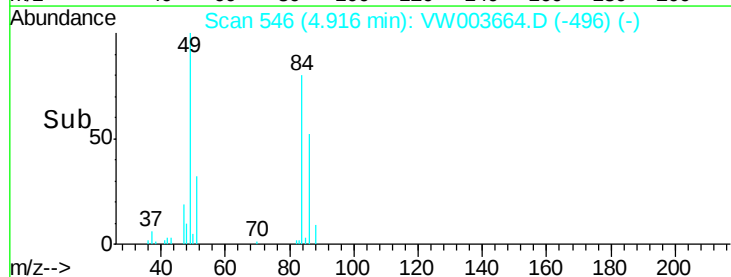
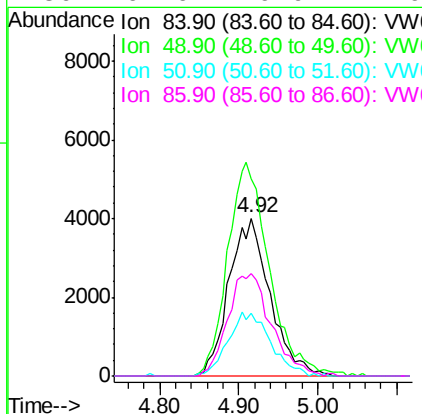
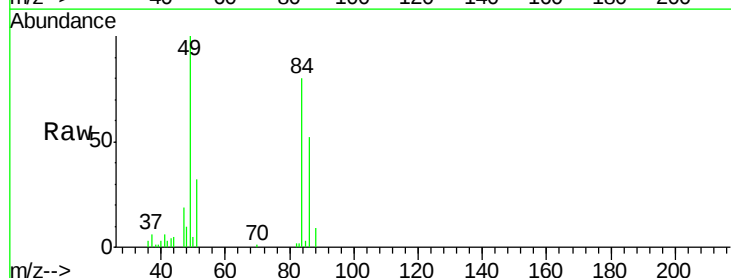
Instrument :
MSVOA_W
ClientSampled :

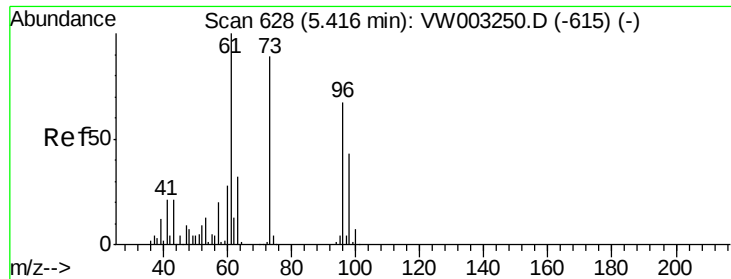
Tot Ion: 73 Resp: 7349
Ion Ratio Lower Upper
73 100
57 27.1 18.0 27.0#



#20
Methylene Chloride
Concen: 5.120 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 84 Resp: 14510
Ion Ratio Lower Upper
84 100
49 125.0 106.3 159.5
51 39.6 32.0 48.0
86 64.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 2.628 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampleId :

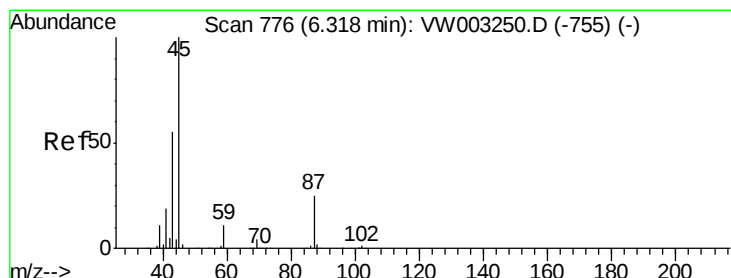
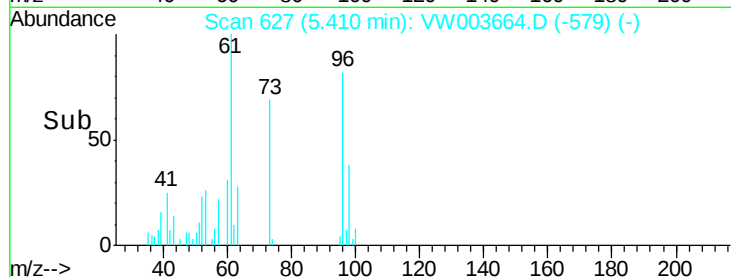
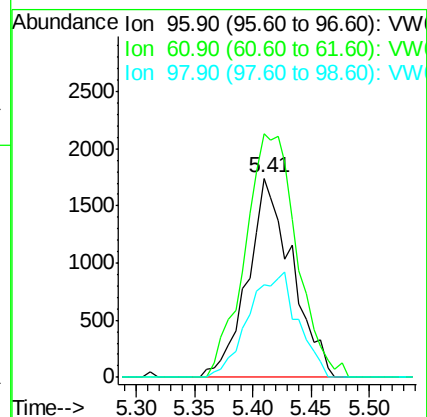
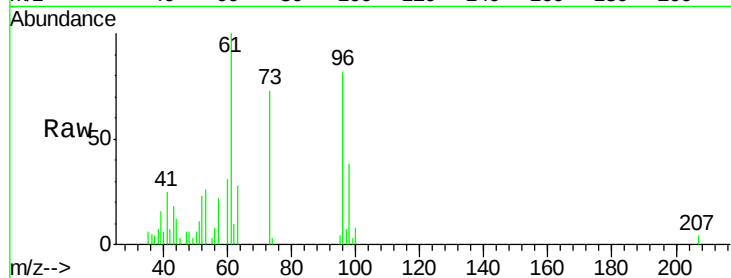
Tot Ion: 96 Resp: 4626

Ion Ratio Lower Upper

96 100

61 122.1 118.7 178.1

98 46.4 51.0 76.6#



#22

Diisopropyl ether

Concen: 2.031 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Tgt Ion: 45 Resp: 11452

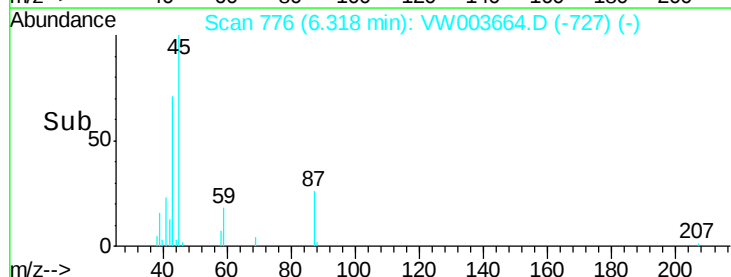
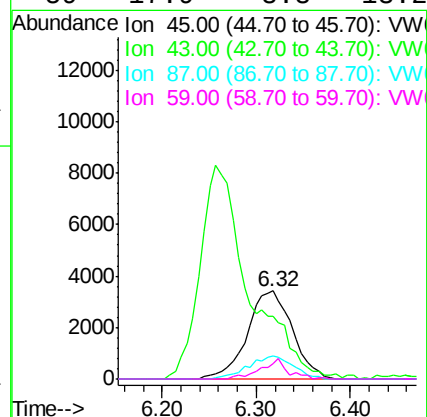
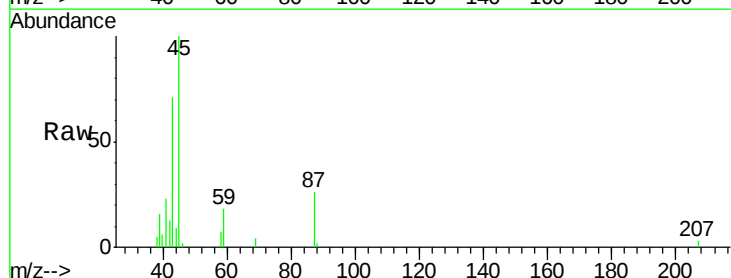
Ion Ratio Lower Upper

45 100

43 69.1 44.0 66.0#

87 26.3 20.6 31.0

59 17.9 8.8 13.2#





#23

Vinyl Acetate

Concen: 9.298 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

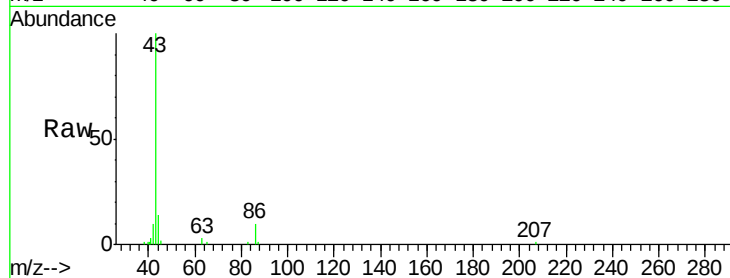
ClientSampleId :

Tot Ion: 43 Resp: 30214

Ion Ratio Lower Upper

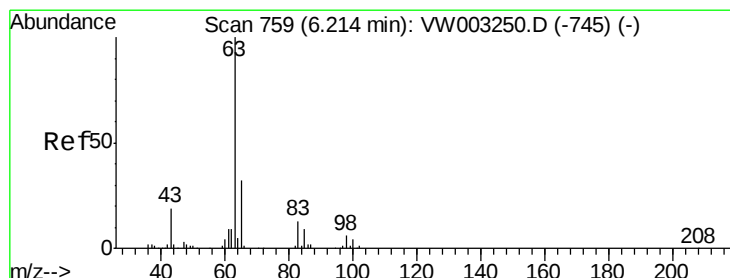
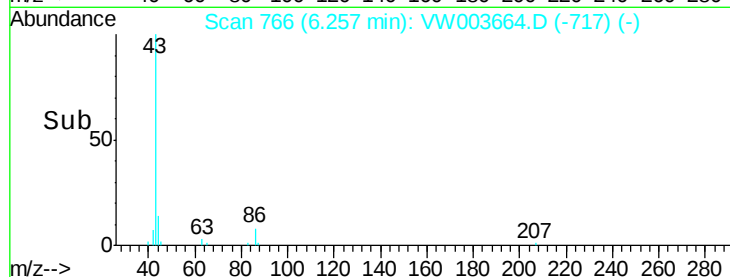
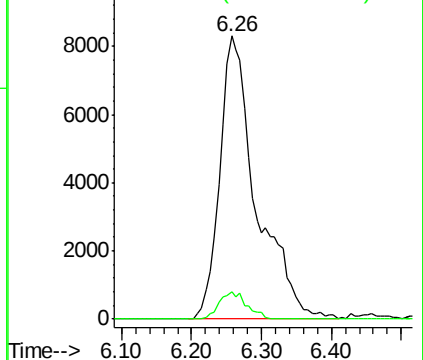
43 100

86 9.6 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: 2.607 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

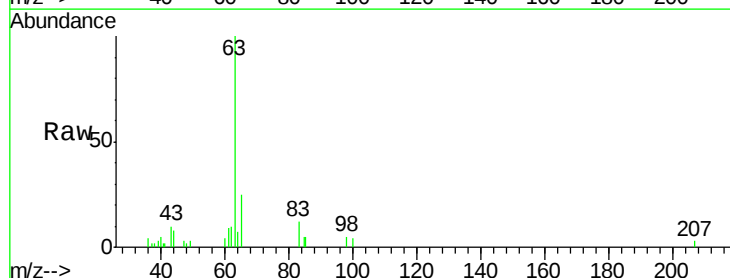
Tgt Ion: 63 Resp: 8726

Ion Ratio Lower Upper

63 100

98 4.7 2.8 8.3

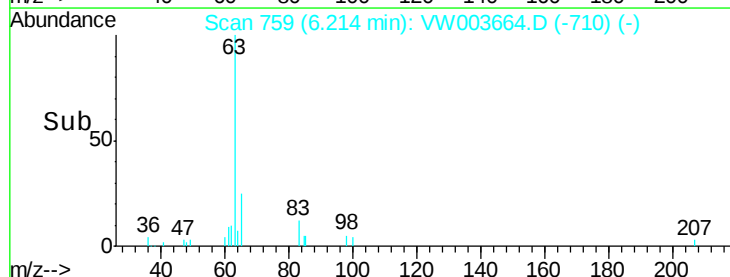
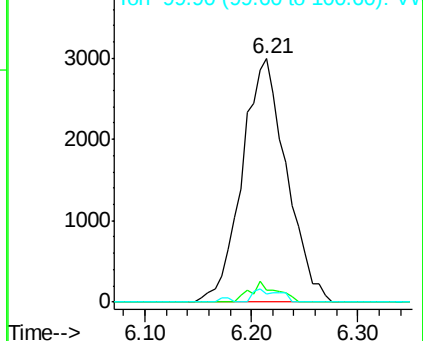
100 3.5 2.1 6.5

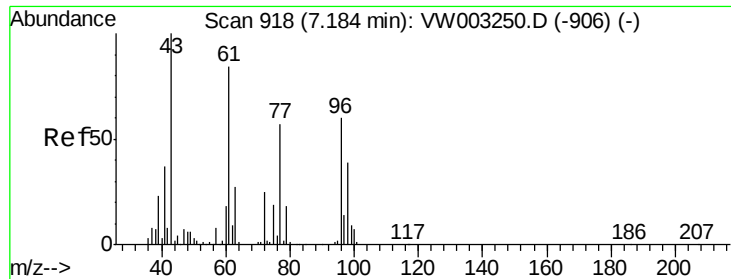


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 16.949 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

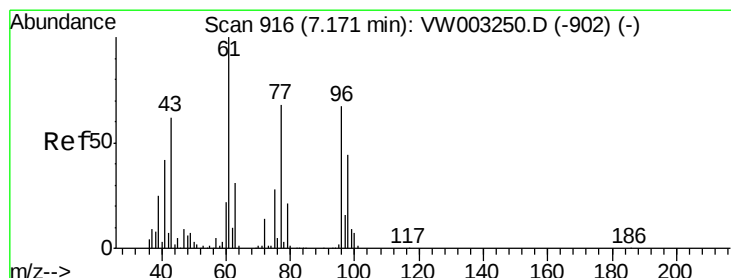
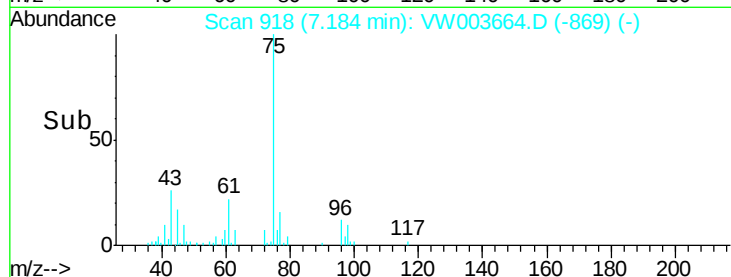
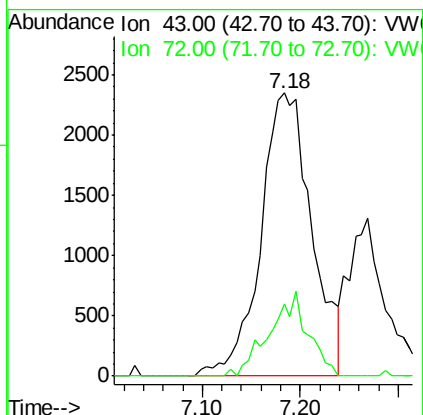
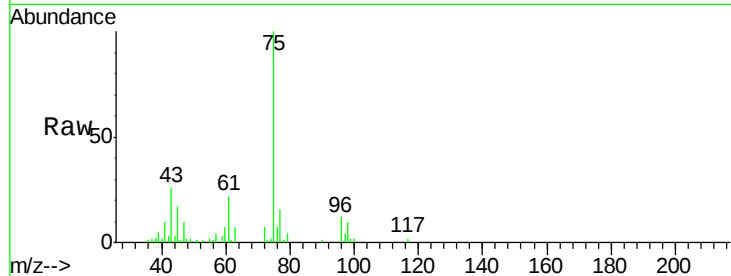
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 8555

Ion Ratio Lower Upper

43 100

72 25.4 20.3 30.5



#26

2,2-Dichloropropane

Concen: 3.249 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003664.D

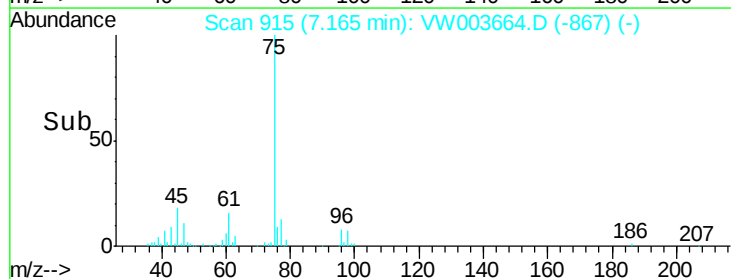
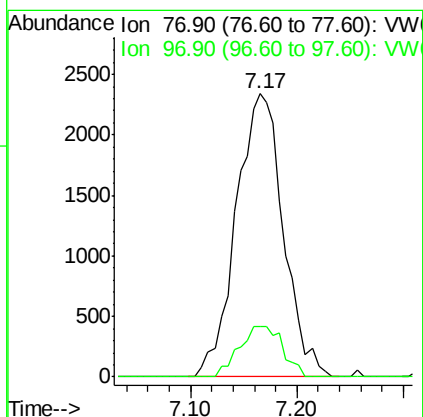
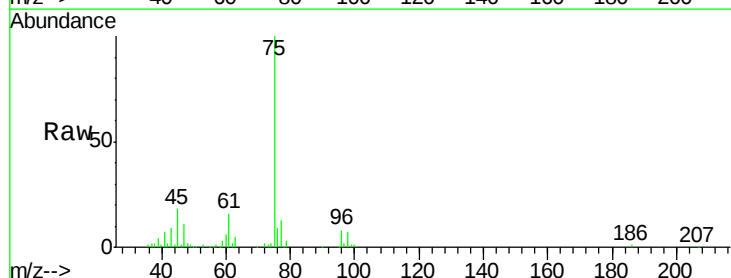
Acq: 29 Jun 2018 16:50

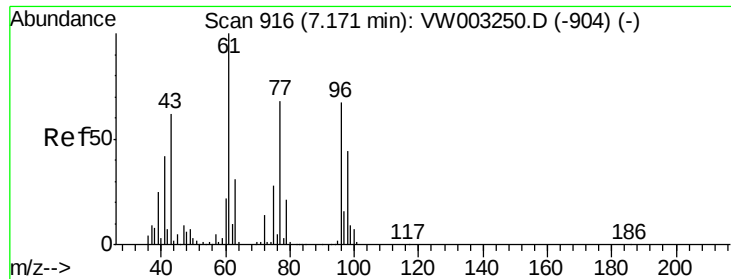
Tgt Ion: 77 Resp: 7259

Ion Ratio Lower Upper

77 100

97 16.5 11.3 33.9



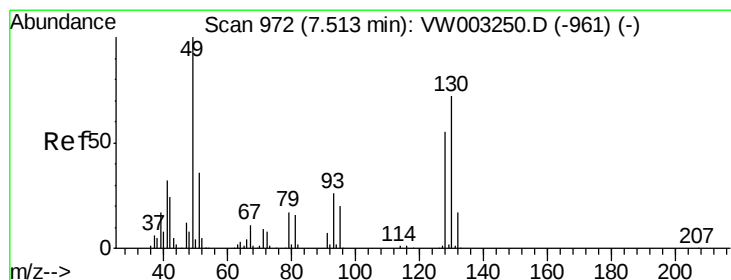
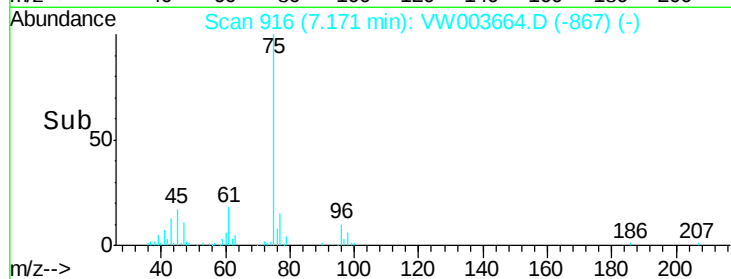
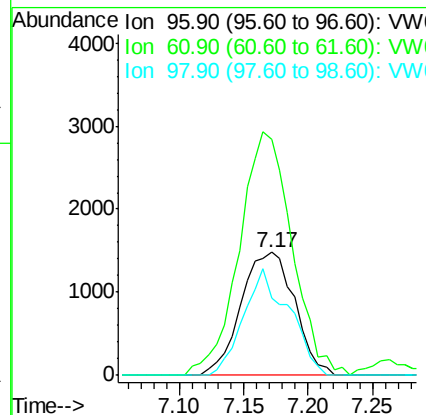
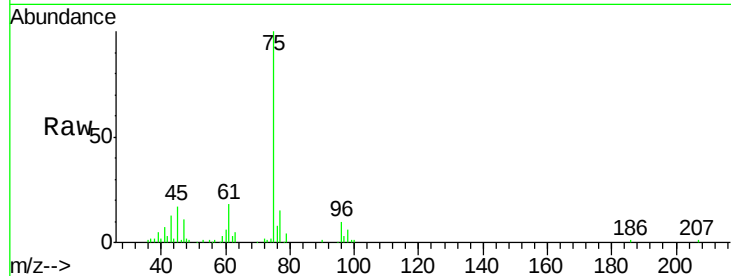


#27

cis-1,2-Dichloroethene
Concen: 2.210 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Instrument :
MSVOA_W
ClientSampled :

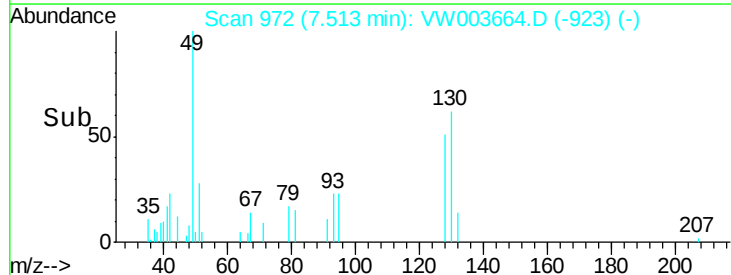
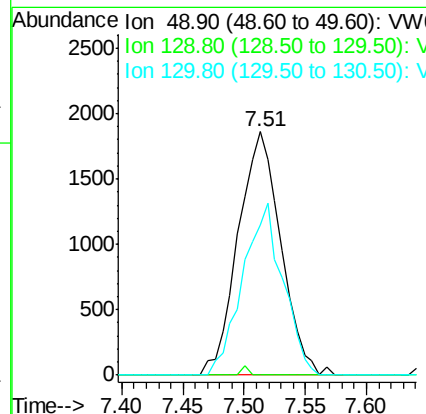
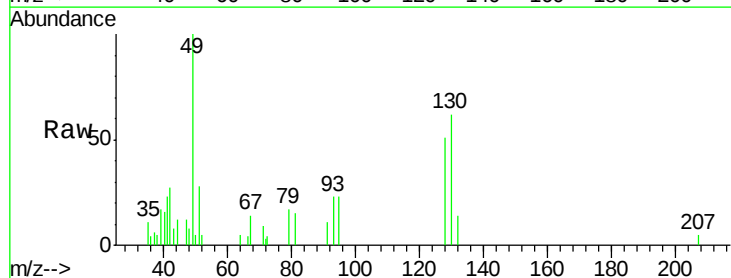
Tot Ion: 96 Resp: 4274
Ion Ratio Lower Upper
96 100
61 194.2 0.0 298.8
98 73.4 0.0 130.4

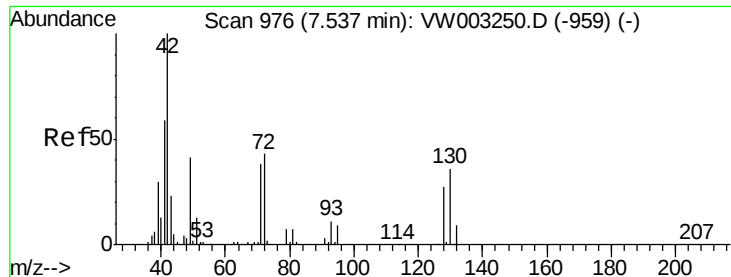


#28

Bromochloromethane
Concen: 3.232 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 49 Resp: 4503
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.6
130 66.9 59.4 89.2

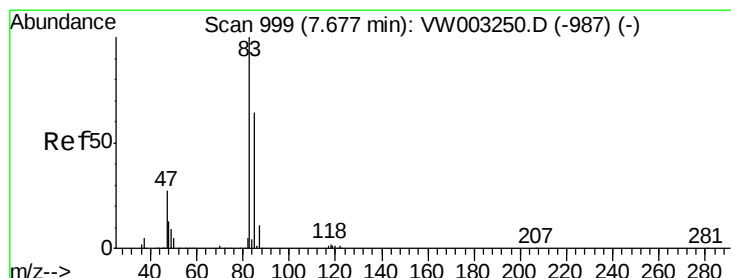
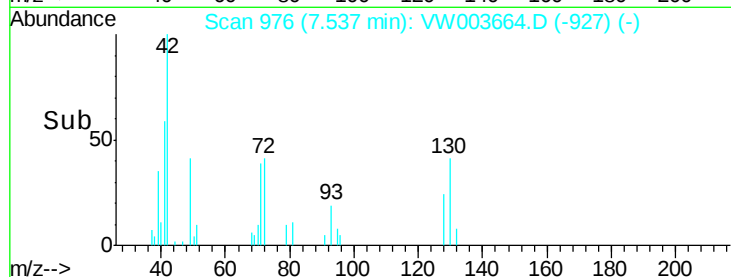
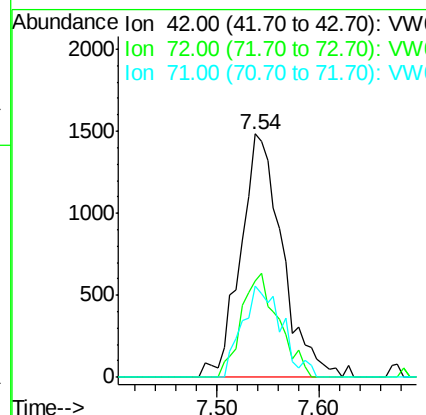
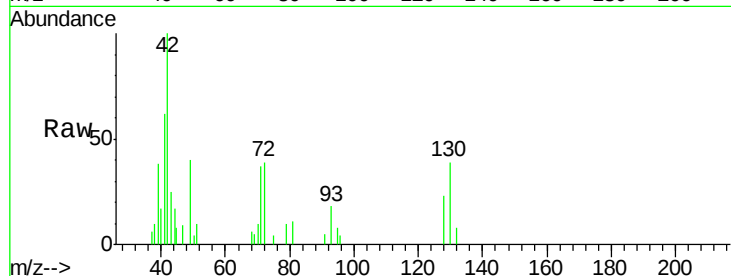




#29
Tetrahydrofuran
Concen: 13.638 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

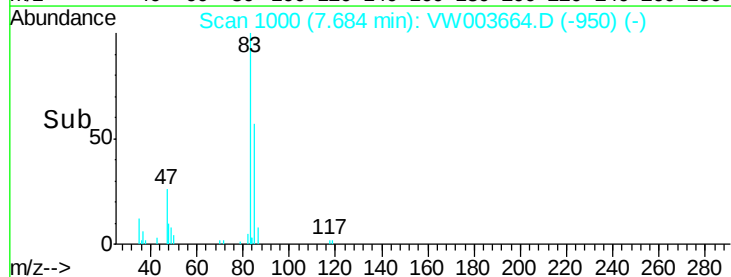
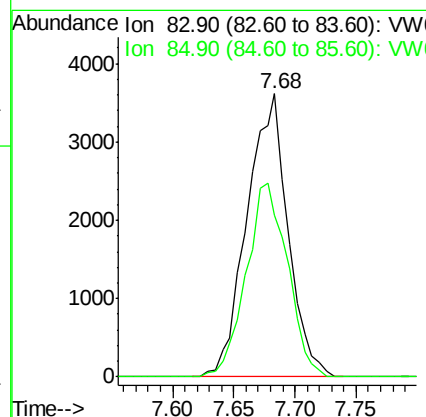
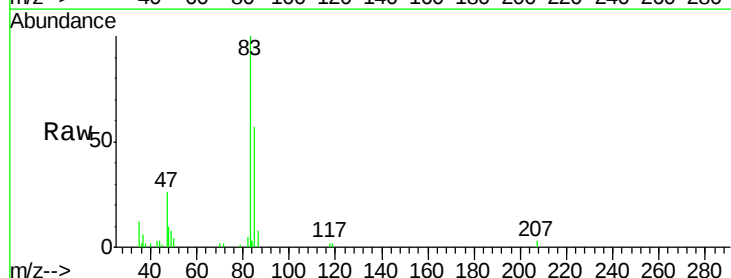
Instrument :
MSVOA_W
ClientSampleId :

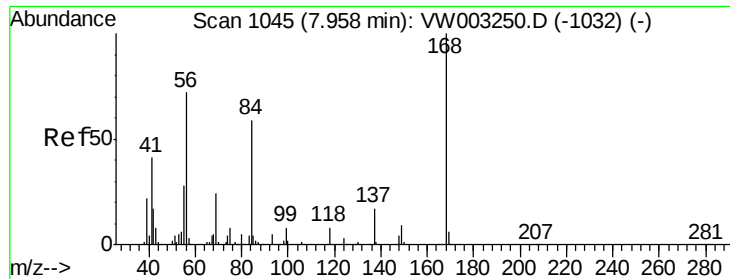
Tot Ion: 42 Resp: 4207
Ion Ratio Lower Upper
42 100
72 38.0 32.4 48.6
71 35.5 31.2 46.8



#30
Chloroform
Concen: 2.464 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 83 Resp: 8404
Ion Ratio Lower Upper
83 100
85 57.2 51.3 76.9

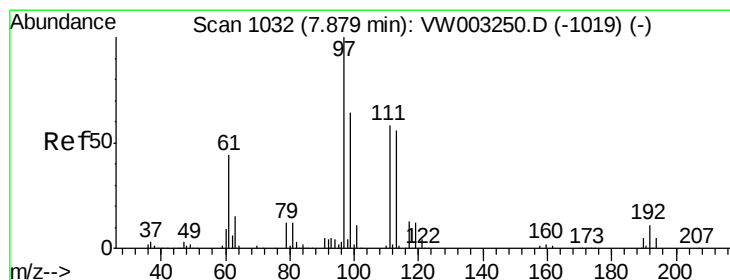
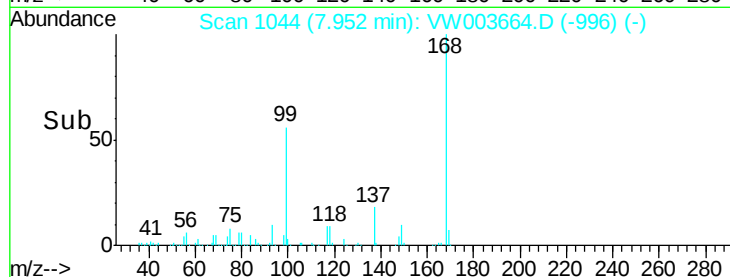
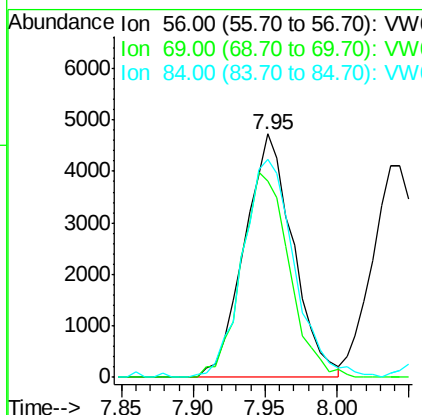
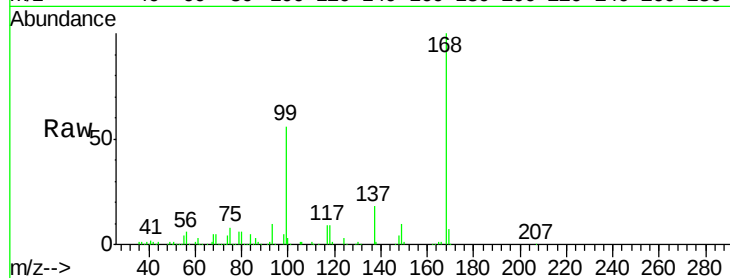




#31
Cyclohexane
Concen: 3.525 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

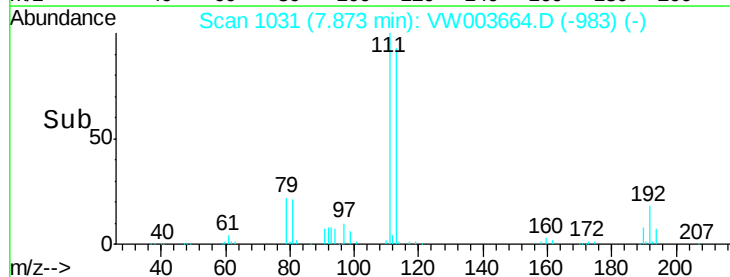
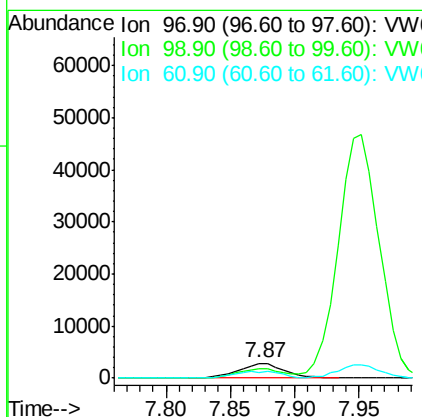
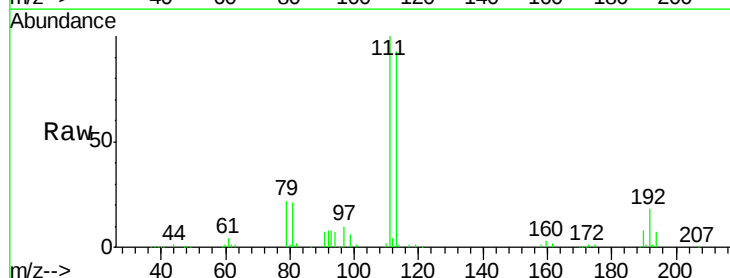
Instrument :
MSVOA_W
ClientSampleId :

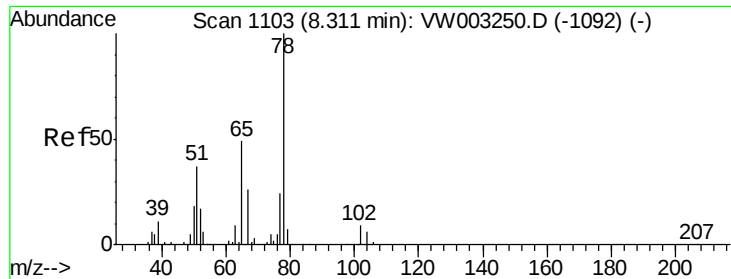
Tot Ion: 56 Resp: 11025
Ion Ratio Lower Upper
56 100
69 80.6 26.3 39.5#
84 89.6 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 2.465 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 97 Resp: 6939
Ion Ratio Lower Upper
97 100
99 60.0 51.7 77.5
61 46.9 37.6 56.4

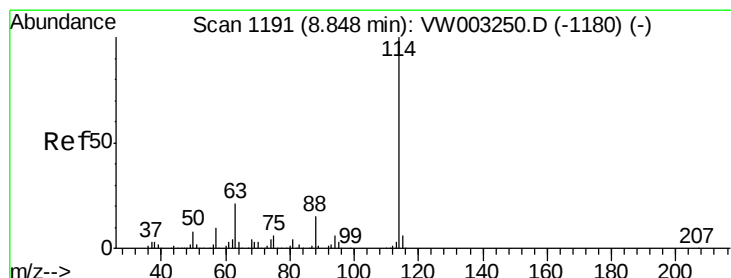
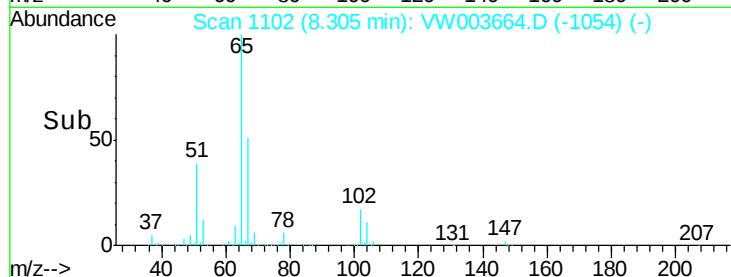
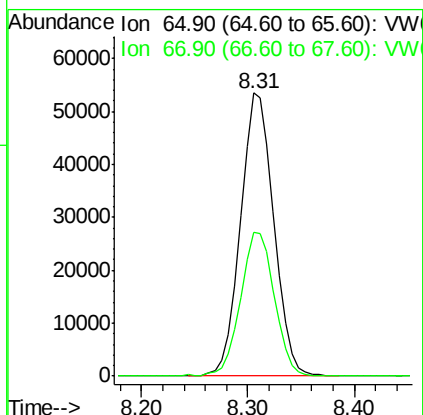
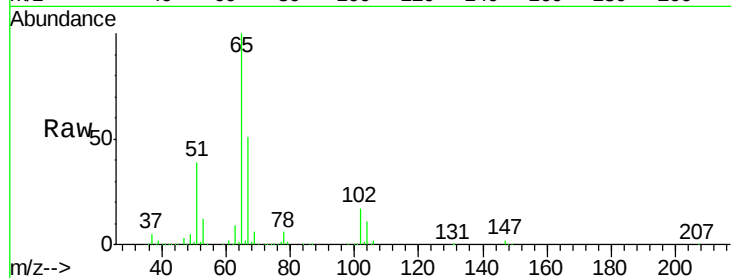




#33
 1,2-Dichloroethane-d4
 Concen: 60.681 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

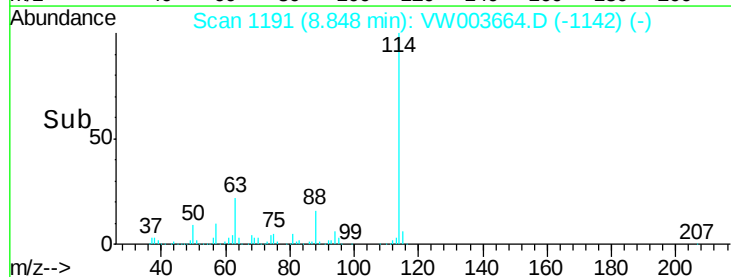
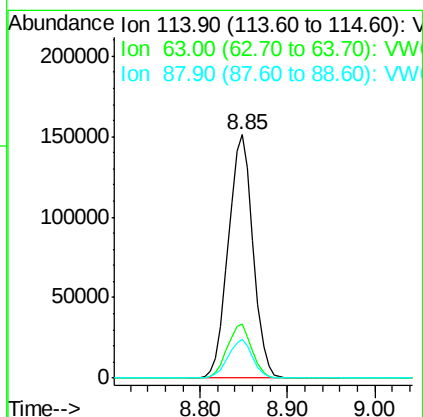
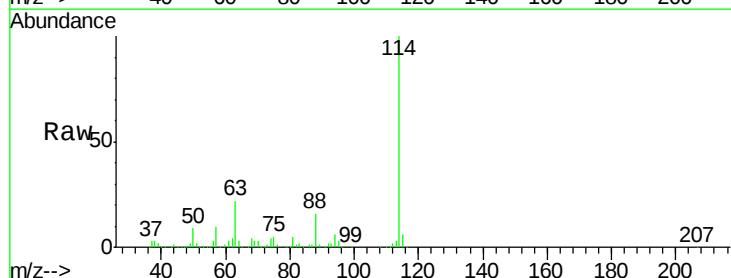
Instrument :
 MSVOA_W
 ClientSampleId :

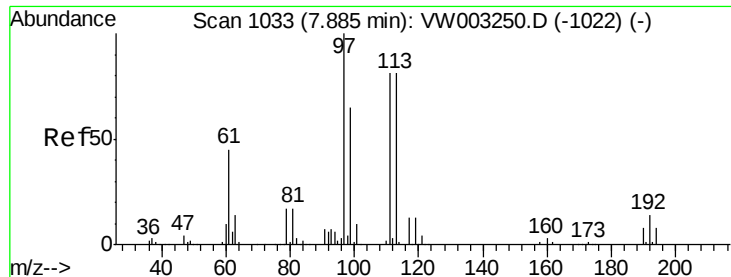
Tot Ion: 65 Resp: 117445
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

Tgt Ion: 114 Resp: 296563
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.0
 88 16.0 0.0 29.6

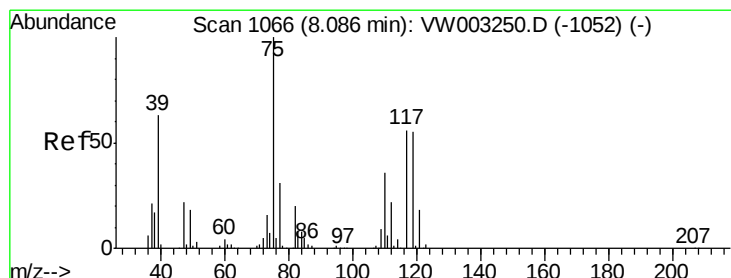
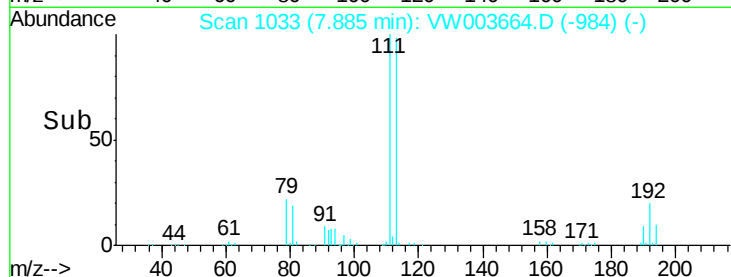
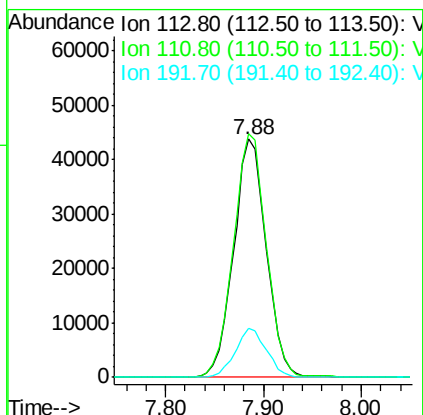
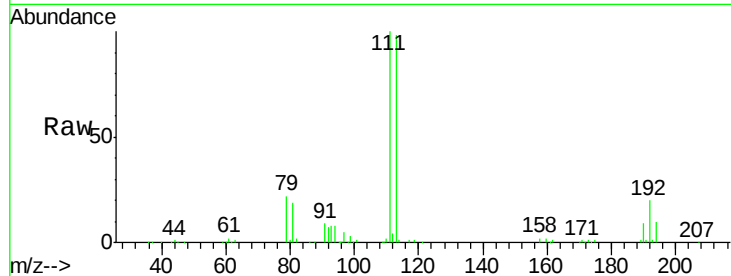




#35
 Dibromofluoromethane
 Concen: 54.962 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

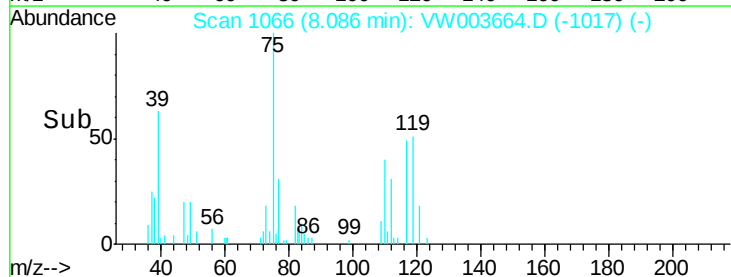
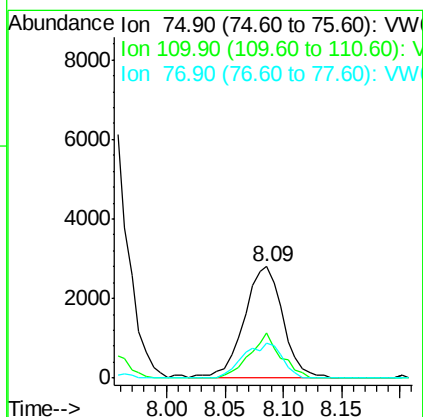
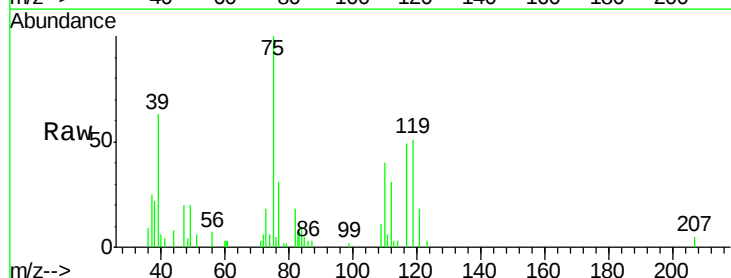
Instrument :
 MSVOA_W
 ClientSampled :

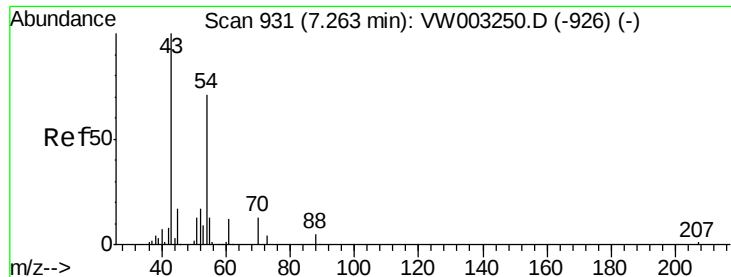
Tot Ion:113 Resp: 101282
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 19.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 2.280 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

Tgt Ion: 75 Resp: 6531
 Ion Ratio Lower Upper
 75 100
 110 32.0 17.1 51.3
 77 31.3 24.9 37.3

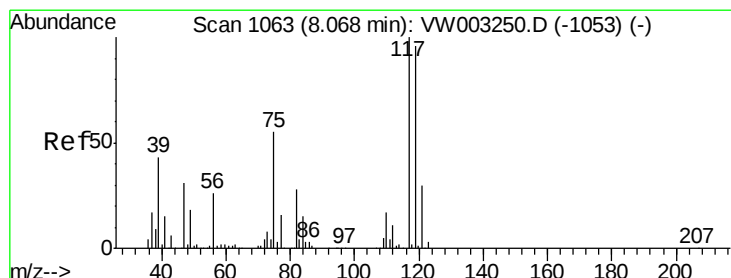
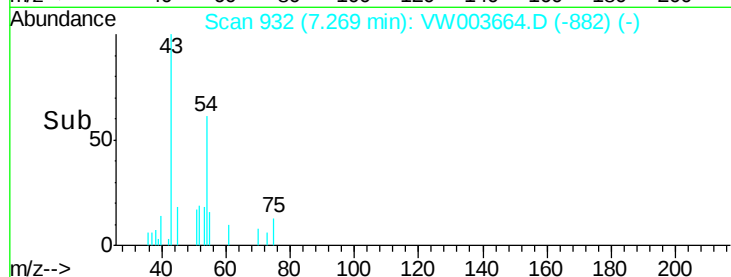
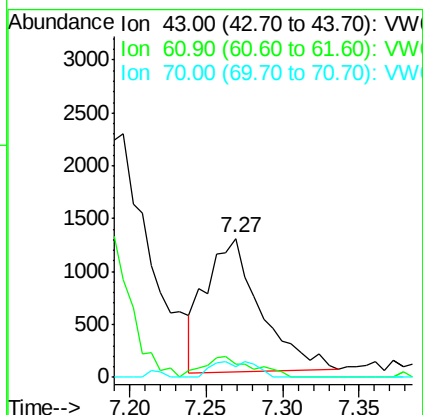
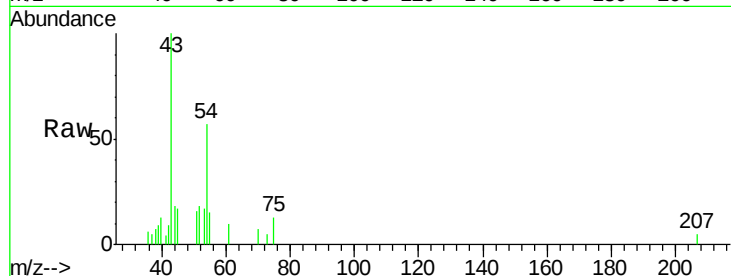




#37
Ethyl Acetate
Concen: 2.620 ug/l
RT: 7.27 min Scan# 932
Delta R.T. 0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

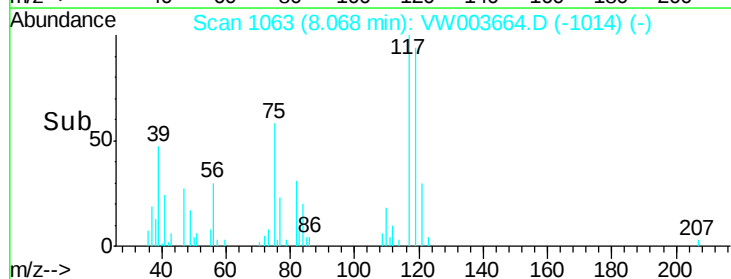
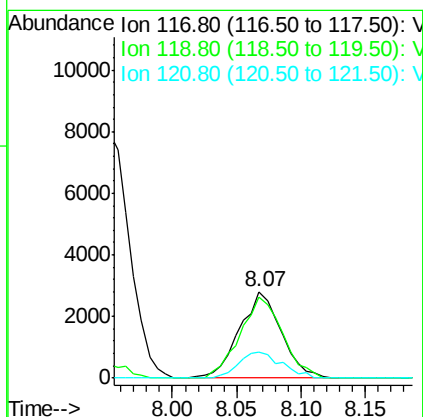
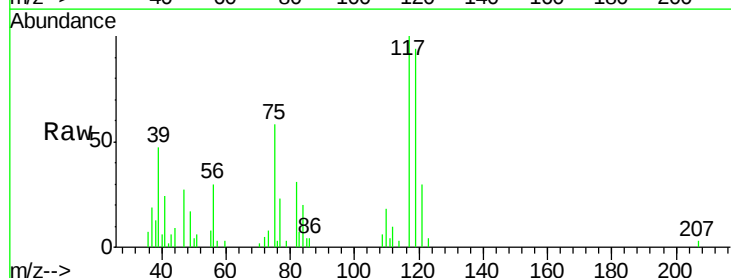
Instrument :
MSVOA_W
ClientSampled :

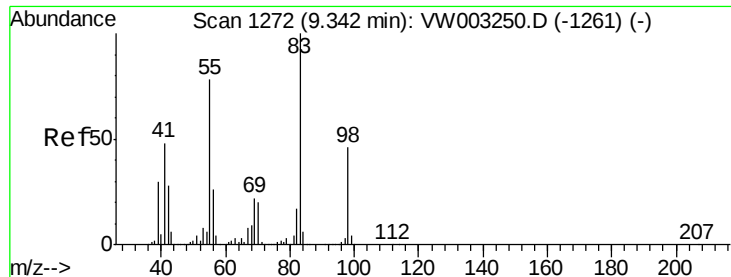
Tot Ion: 43 Resp: 3109
Ion Ratio Lower Upper
43 100
61 14.2 10.8 16.2
70 9.4 7.8 11.6



#38
Carbon Tetrachloride
Concen: 2.233 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 117 Resp: 6274
Ion Ratio Lower Upper
117 100
119 93.8 76.6 115.0
121 29.5 23.9 35.9

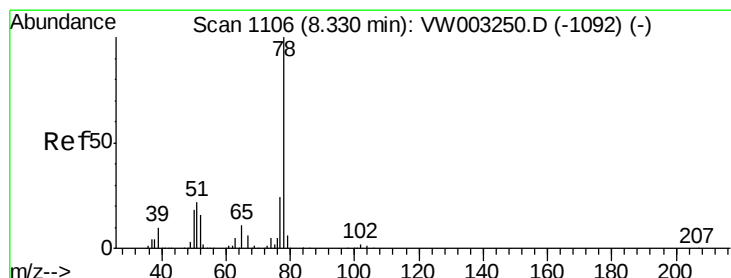
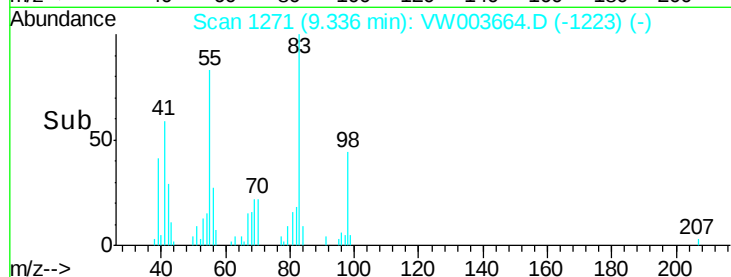
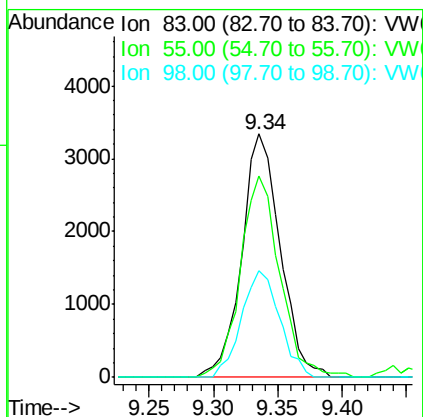
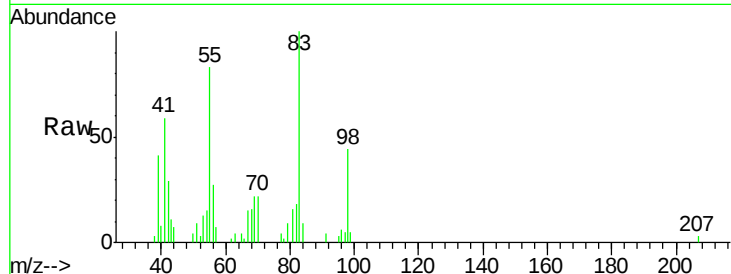




#39
Methvlcvclohexane
Concen: 2.082 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

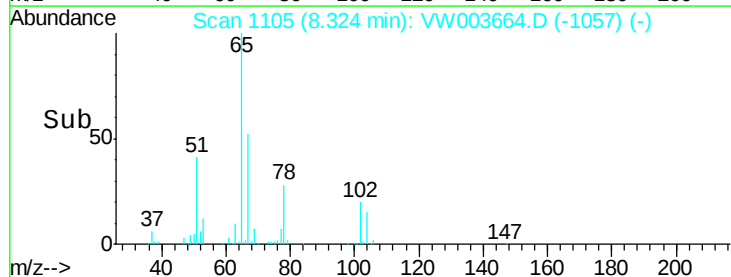
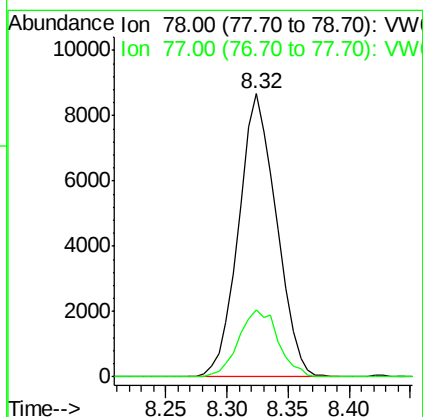
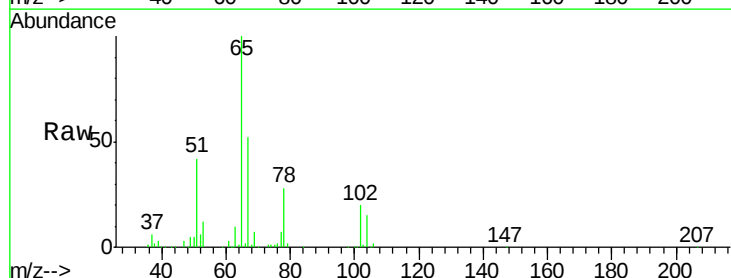
Instrument :
MSVOA_W
ClientSampled :

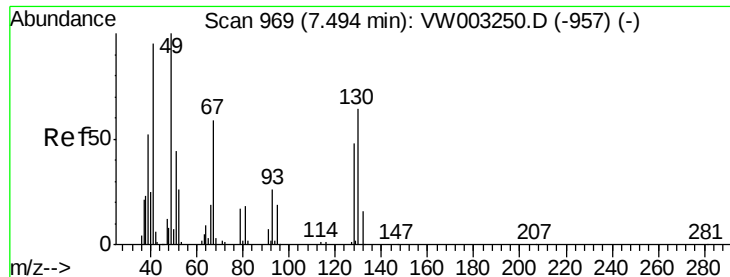
Tot Ion: 83 Resp: 6898
Ion Ratio Lower Upper
83 100
55 82.6 62.6 93.8
98 43.6 37.0 55.4



#40
Benzene
Concen: 2.355 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 78 Resp: 18592
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

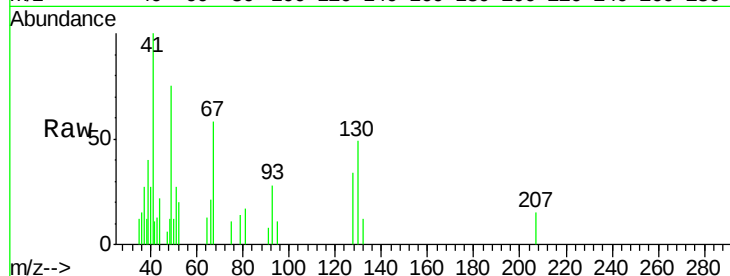




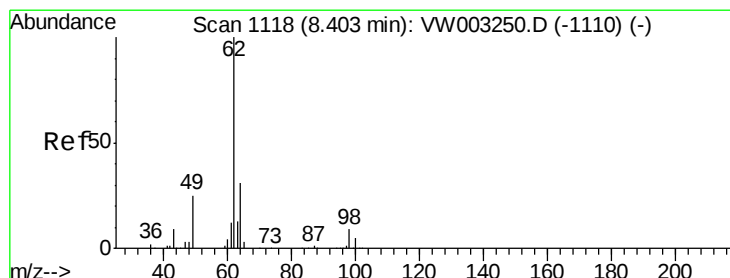
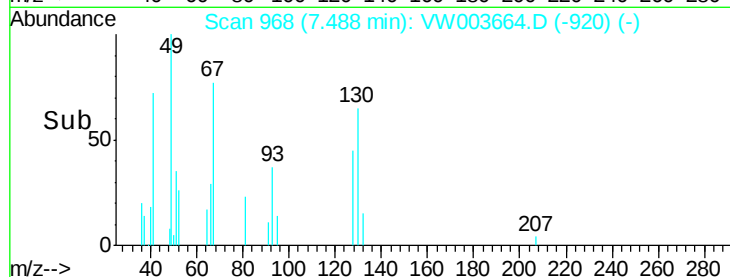
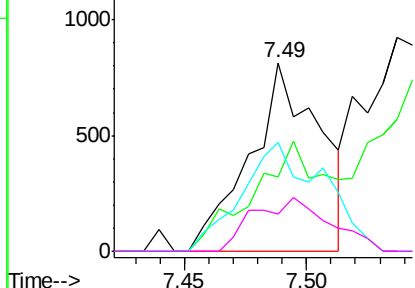
#41
Methacrylonitrile
Concen: 2.218 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	1615
Ion	Ratio	Lower	Upper
41	100		
39	61.1	45.8	68.8
67	67.4	52.3	78.5
52	30.9	24.1	36.1

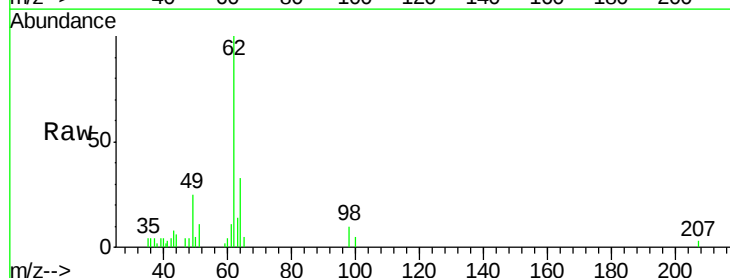


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

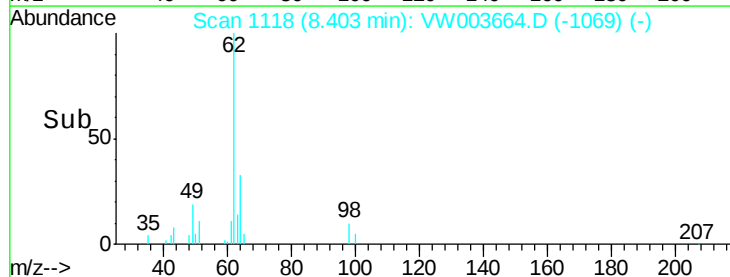
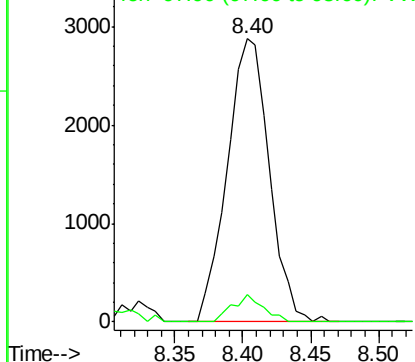


#42
1,2-Dichloroethane
Concen: 2.506 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion:	62	Resp:	6198
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 2.478 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampleId :

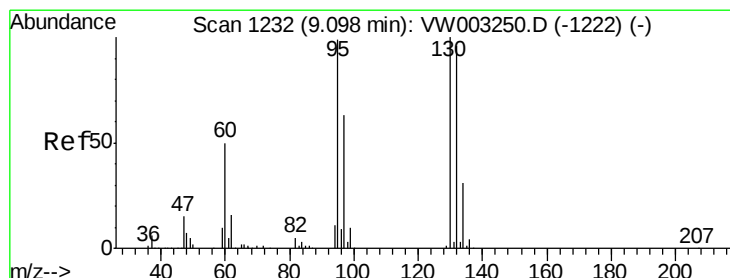
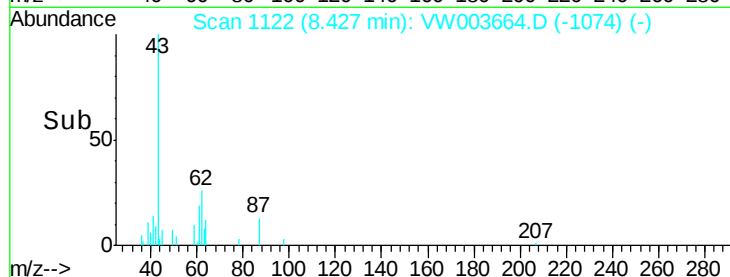
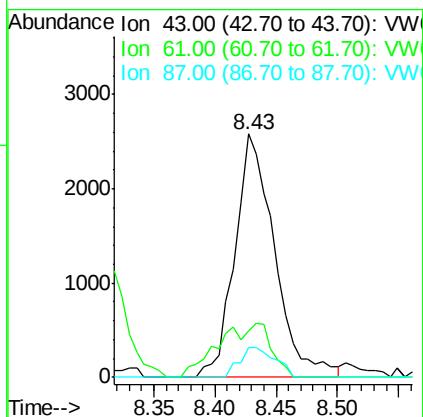
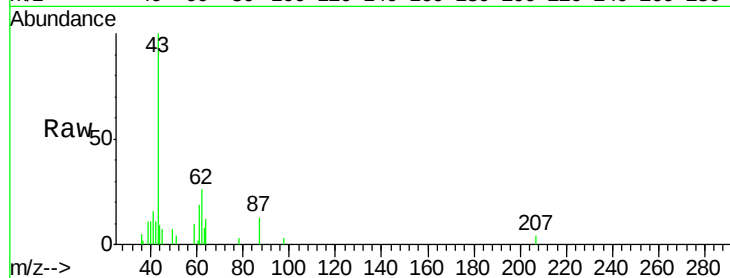
Tot Ion: 43 Resp: 5837

Ion Ratio Lower Upper

43 100

61 15.4 23.1 34.7#

87 10.9 9.8 14.6



#44

Trichloroethene

Concen: 2.372 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003664.D

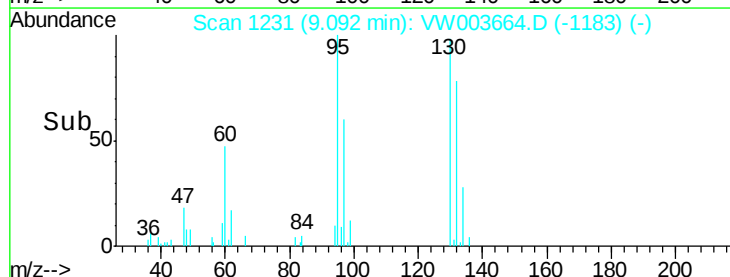
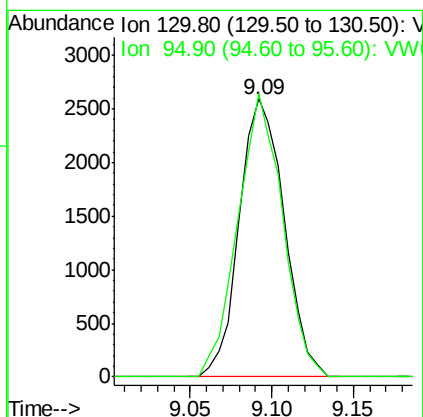
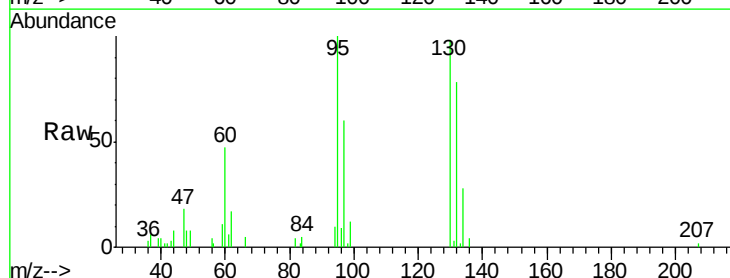
Acq: 29 Jun 2018 16:50

Tgt Ion: 130 Resp: 4961

Ion Ratio Lower Upper

130 100

95 101.9 0.0 198.0

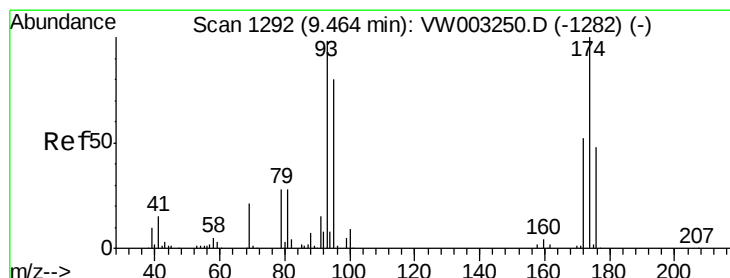
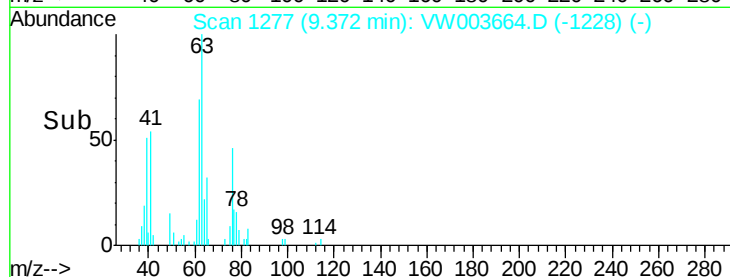
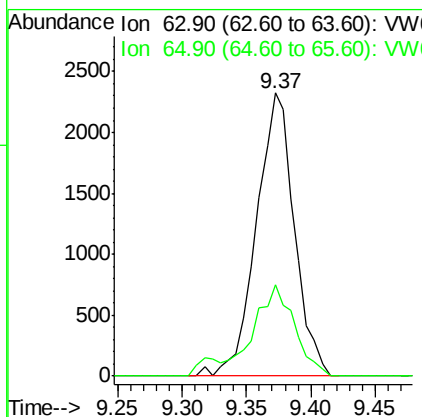
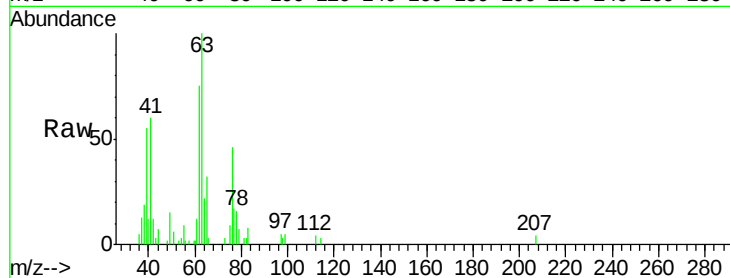




#45
 1,2-Dichloropropane
 Concen: 2.349 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

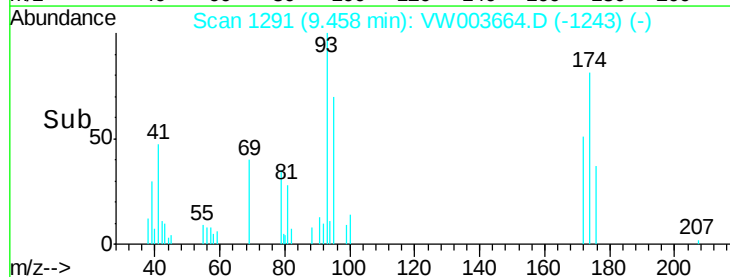
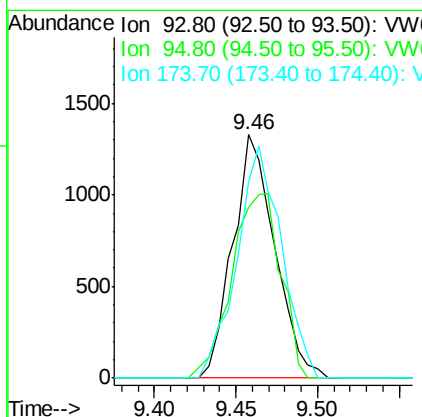
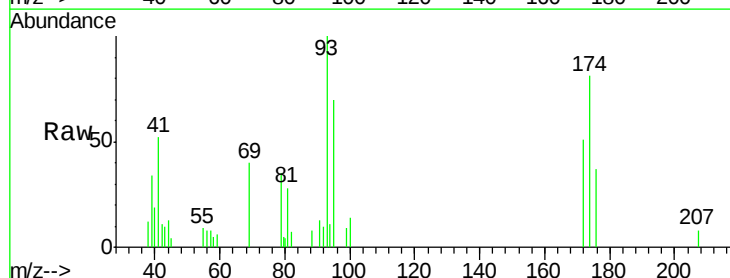
Instrument :
 MSVOA_W
 ClientSampled :

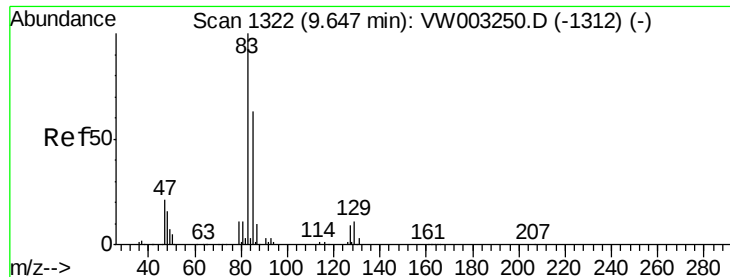
Tot Ion: 63 Resp: 4722
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.1 37.7



#46
 Dibromomethane
 Concen: 2.326 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

Tgt Ion: 93 Resp: 2394
 Ion Ratio Lower Upper
 93 100
 95 88.0 65.8 98.8
 174 100.7 81.4 122.0





#47

Bromodichloromethane

Concen: 2.342 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :
MSVOA_W
ClientSampleId :

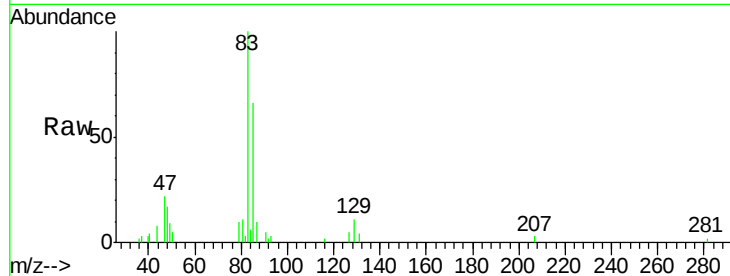
Tot Ion: 83 Resp: 6178

Ion Ratio Lower Upper

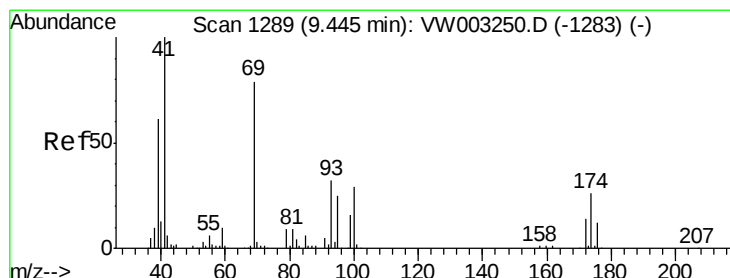
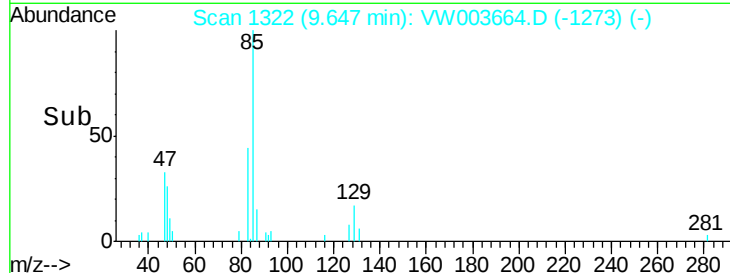
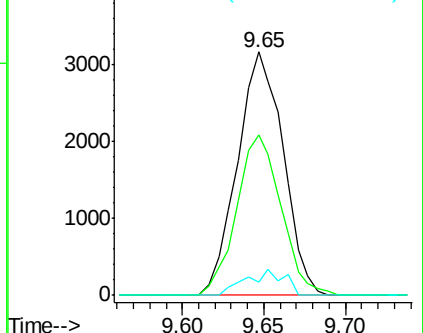
83 100

85 66.0 50.6 75.8

127 5.5 6.8 10.2#



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: 2.119 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

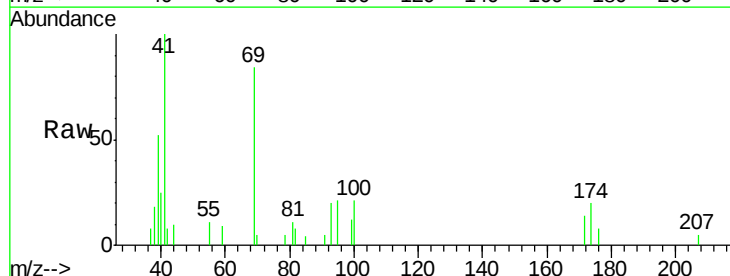
Tgt Ion: 41 Resp: 2346

Ion Ratio Lower Upper

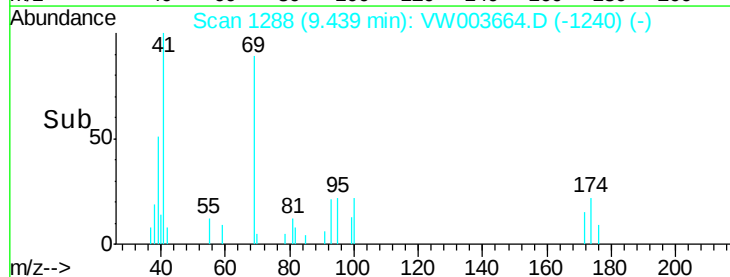
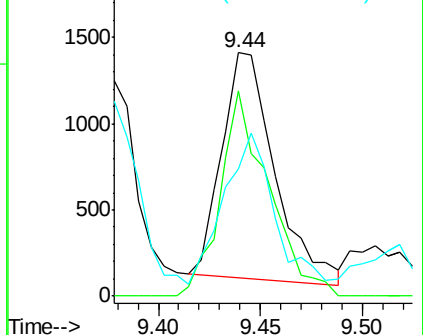
41 100

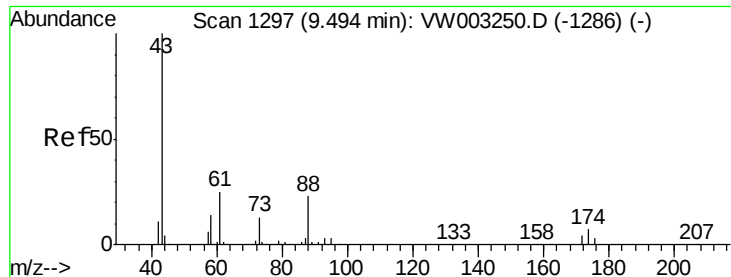
69 83.9 65.4 98.2

39 70.5 54.2 81.2



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

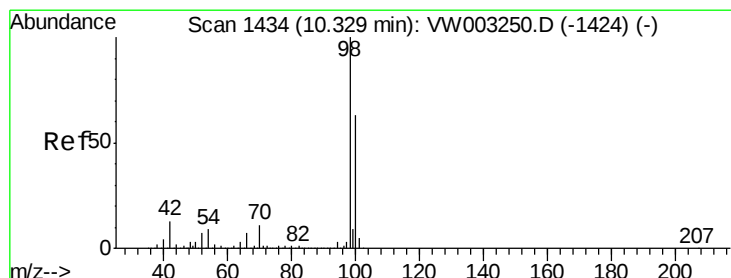
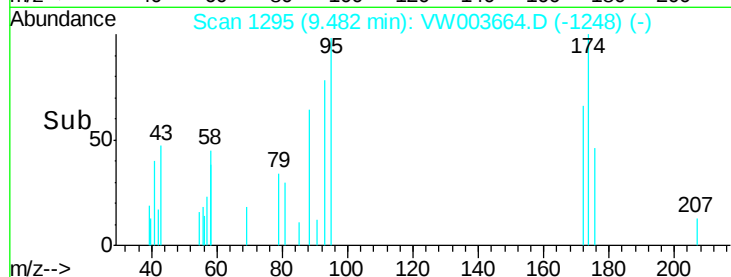
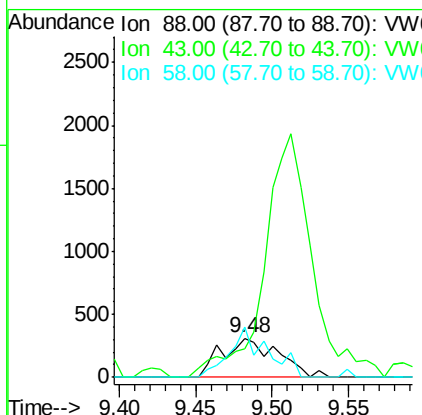
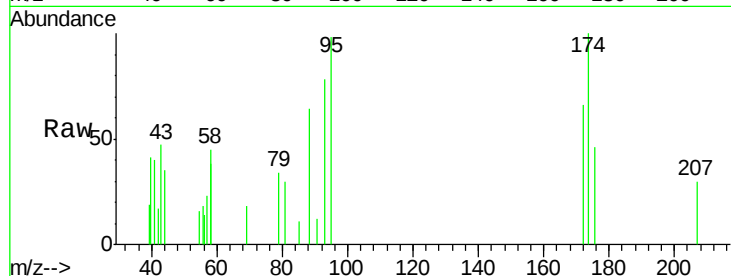




#49
 1,4-Dioxane
 Concen: 51.164 ug/l
 RT: 9.48 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

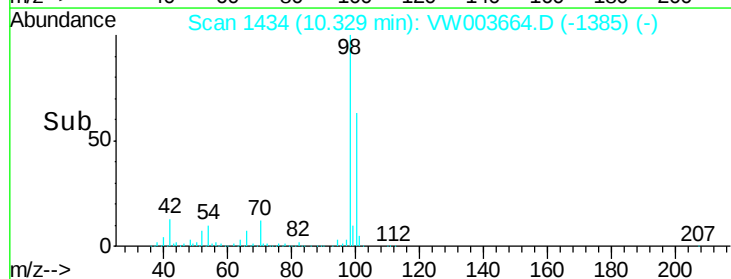
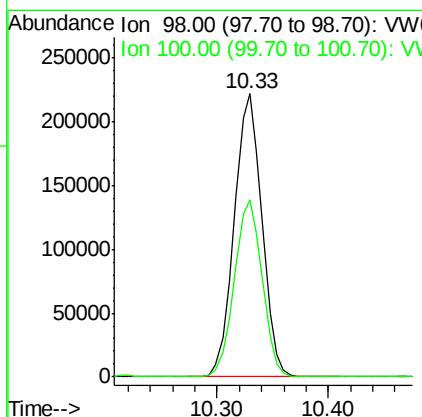
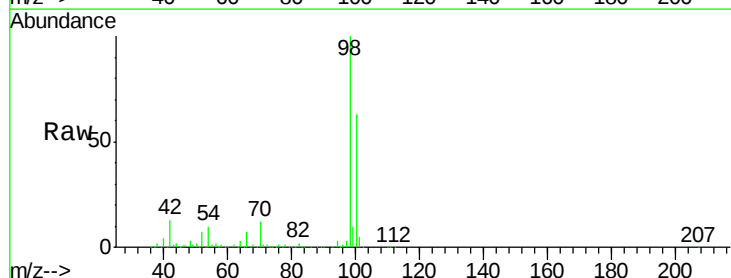
Instrument :
 MSVOA_W
 ClientSampleId :

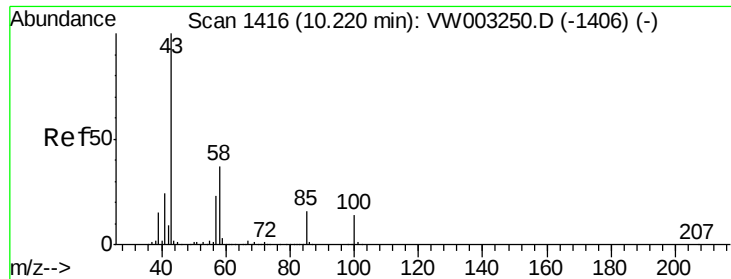
Tot Ion: 88 Resp: 795
 Ion Ratio Lower Upper
 88 100
 43 0.0 454.7 682.1#
 58 85.9 58.6 88.0



#50
 Toluene-d8
 Concen: 51.963 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

Tgt Ion: 98 Resp: 379689
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 11.495 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

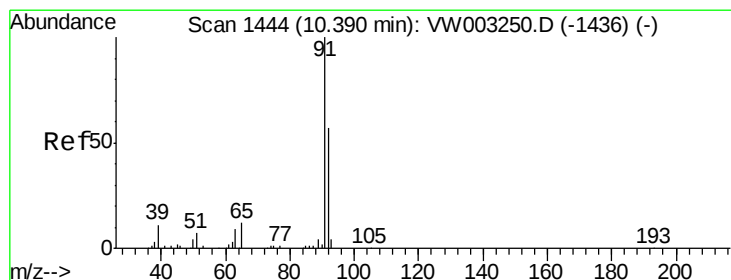
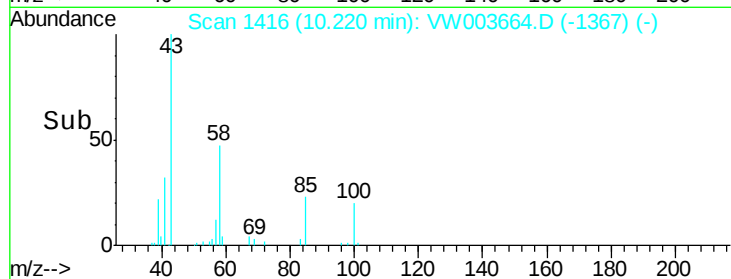
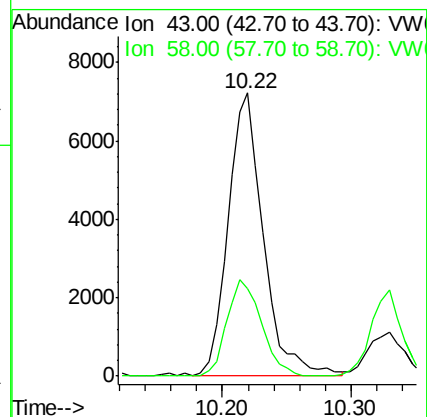
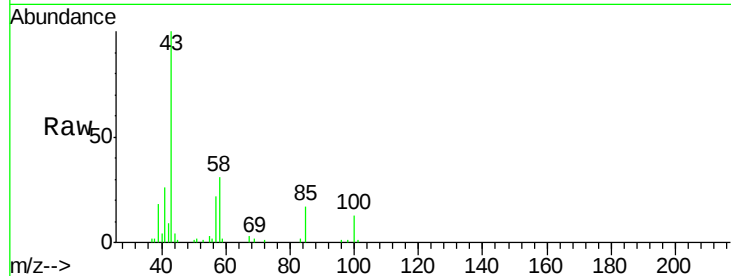
ClientSampled :

Tot Ion: 43 Resp: 13800

Ion Ratio Lower Upper

43 100

58 33.5 29.0 43.4



#52

Toluene

Concen: 2.407 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003664.D

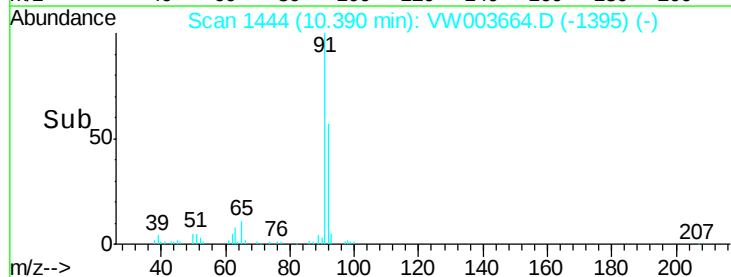
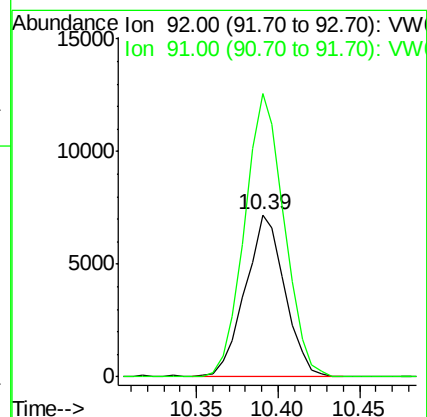
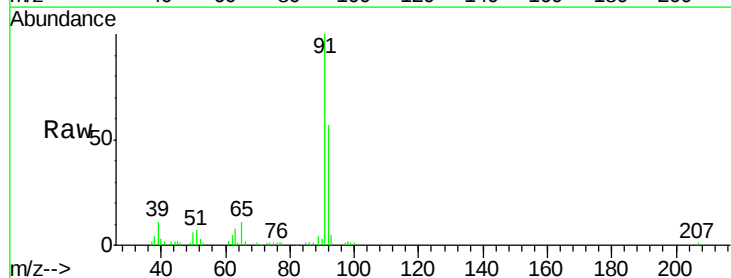
Acq: 29 Jun 2018 16:50

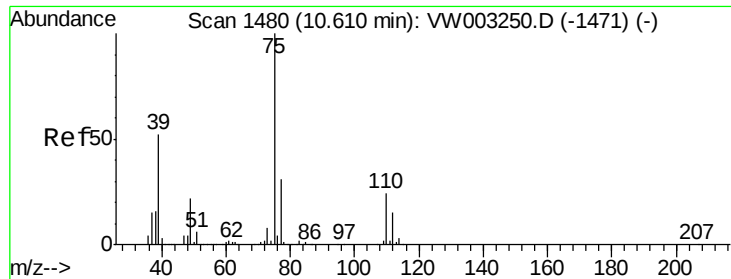
Tgt Ion: 92 Resp: 12186

Ion Ratio Lower Upper

92 100

91 173.6 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 2.163 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

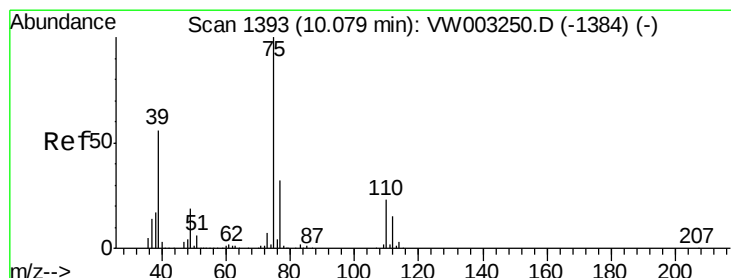
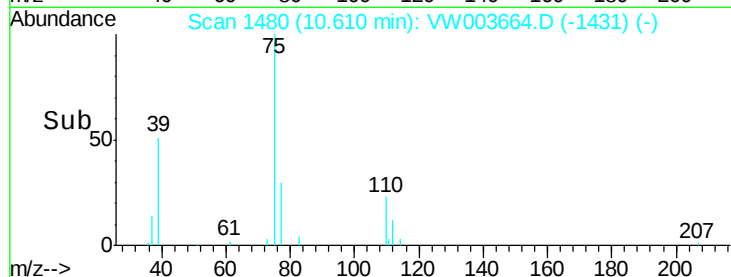
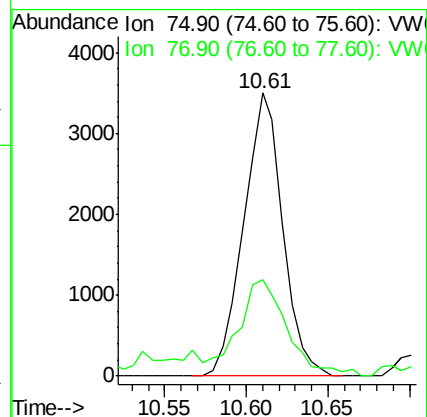
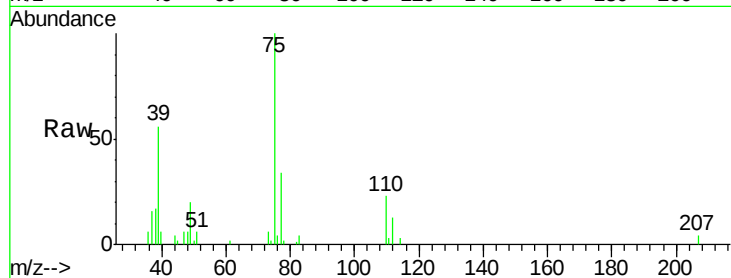
ClientSampled :

Tot Ion: 75 Resp: 5828

Ion Ratio Lower Upper

75 100

77 32.5 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 2.101 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

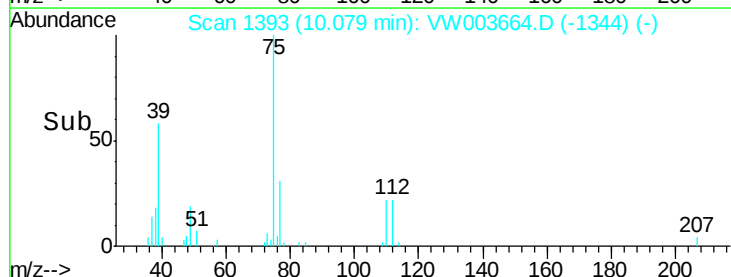
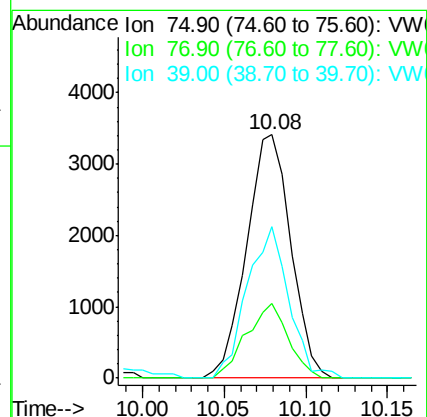
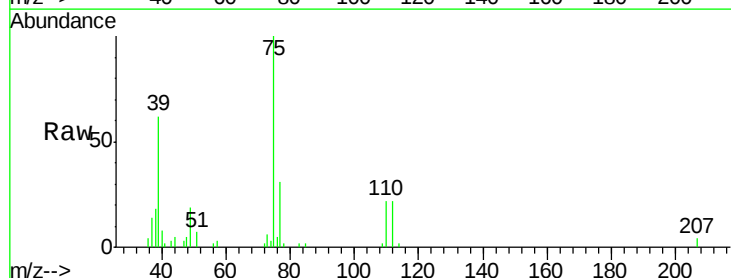
Tgt Ion: 75 Resp: 6444

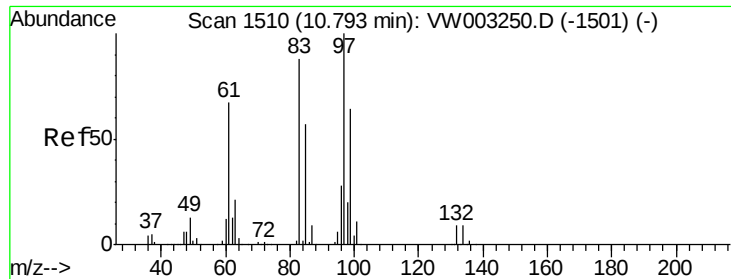
Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6

39 62.2 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 2.282 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

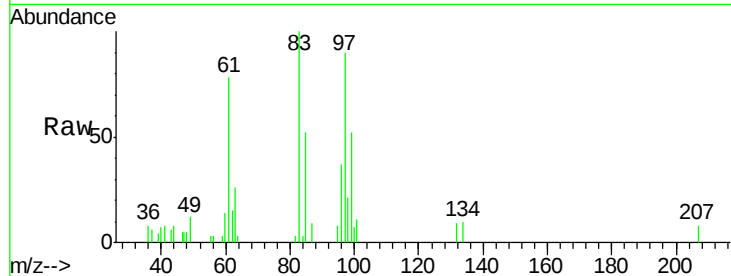
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 3309

Ion	Ratio	Lower	Upper
97	100		
83	110.6	70.2	105.2#
85	57.3	45.6	68.4
99	57.2	51.2	76.8

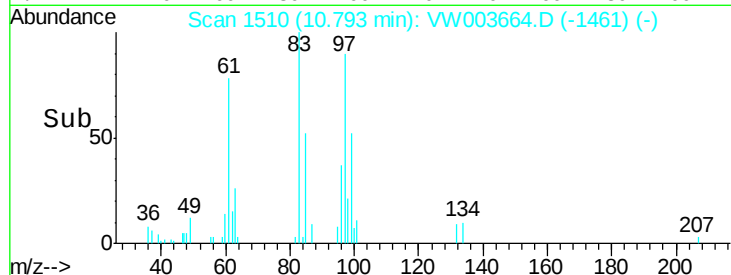


Abundance Ion 96.90 (96.60 to 97.60): VW

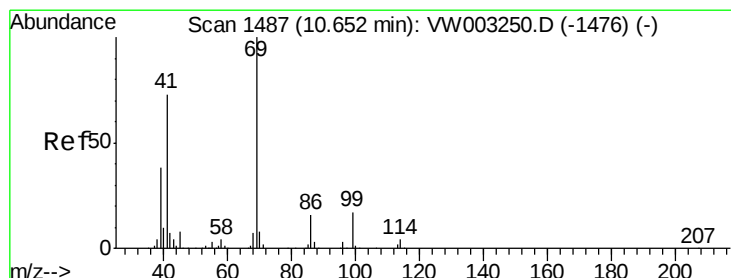
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



Time-->



#56

Ethyl methacrylate

Concen: 2.031 ug/l

RT: 10.65 min Scan# 1487

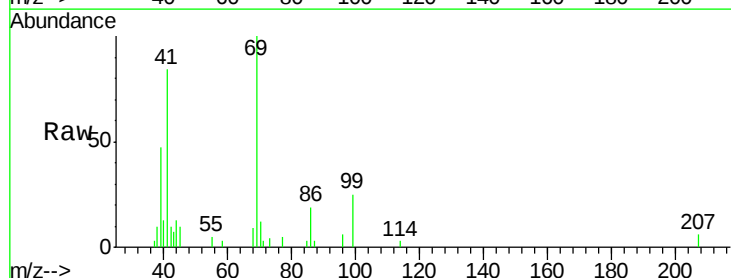
Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Tgt Ion: 69 Resp: 3577

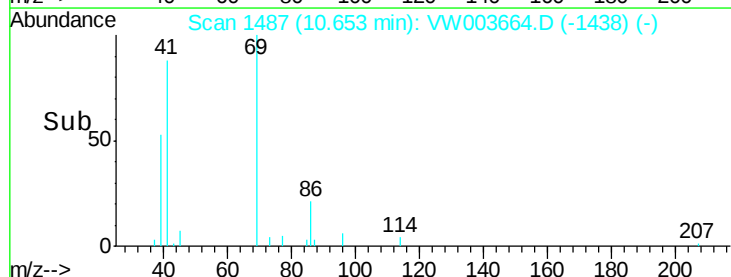
Ion	Ratio	Lower	Upper
69	100		
41	93.7	57.8	86.6#
39	40.6	32.7	49.1



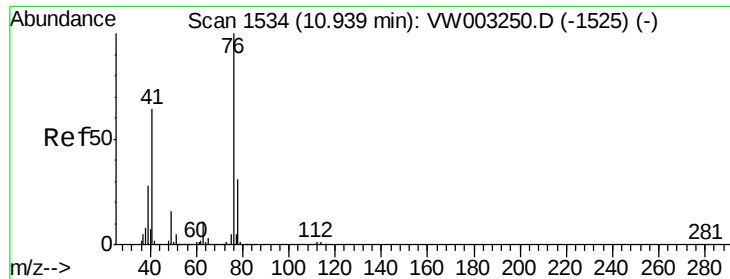
Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



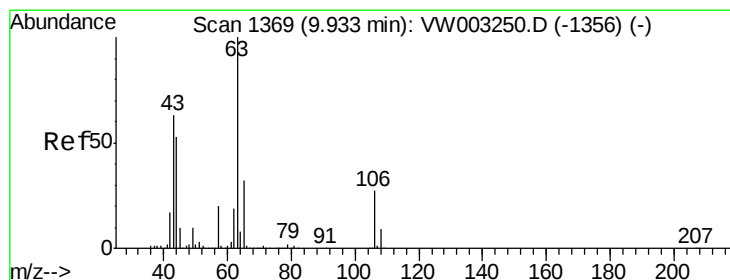
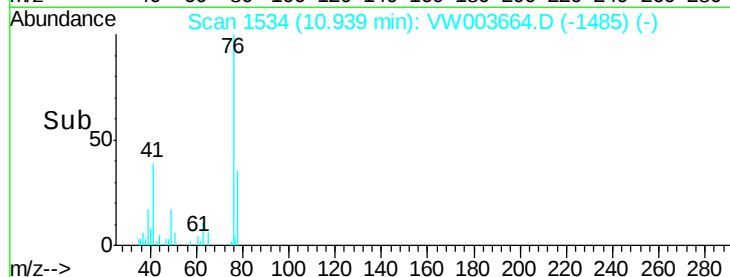
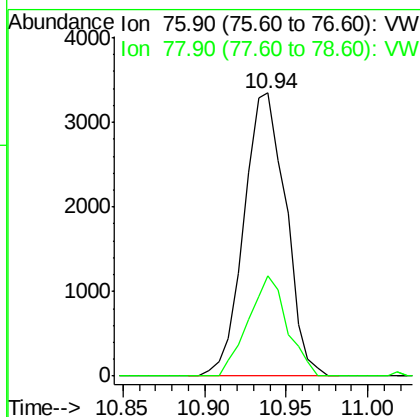
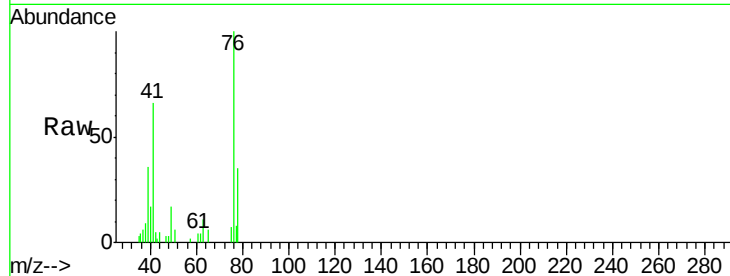
Time-->



#57
 1,3-Dichloropropane
 Concen: 2.389 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

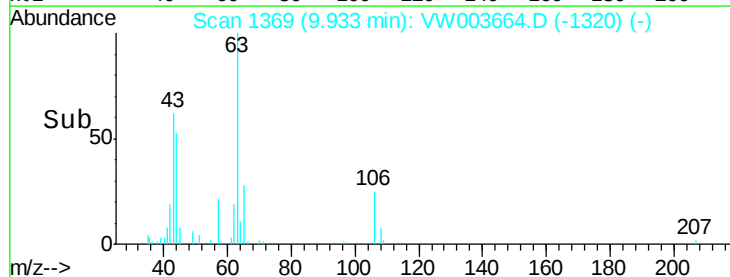
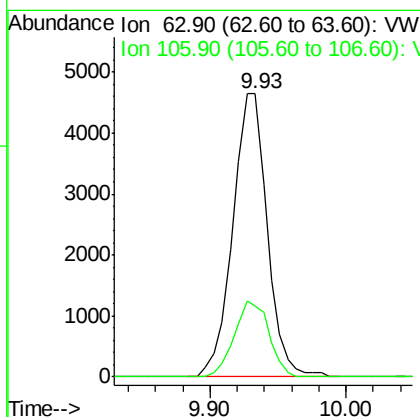
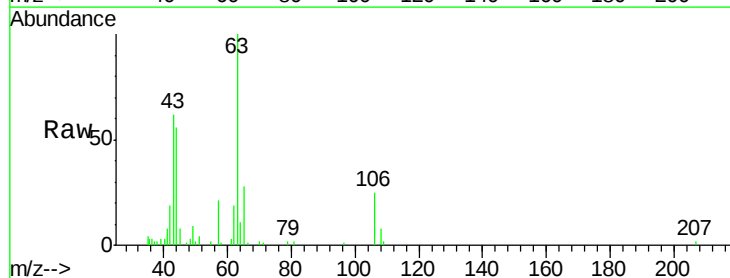
Instrument :
 MSVOA_W
 ClientSampled :

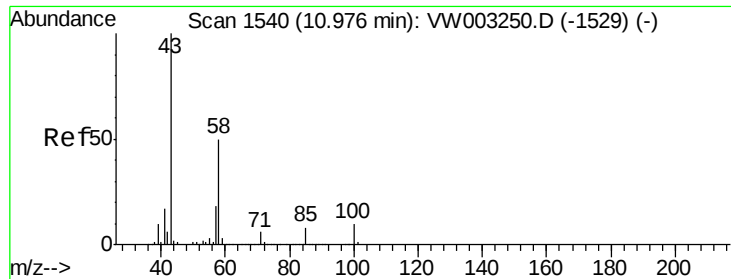
Tot Ion: 76 Resp: 5975
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 10.381 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

Tgt Ion: 63 Resp: 8195
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.8 32.8

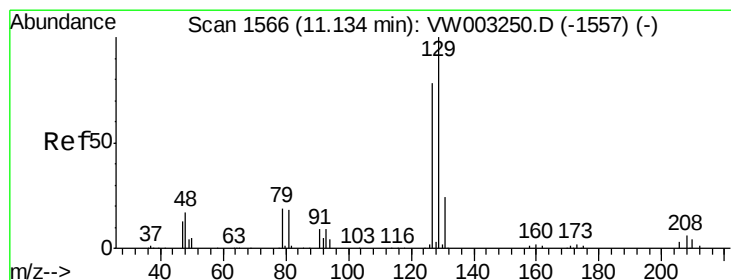
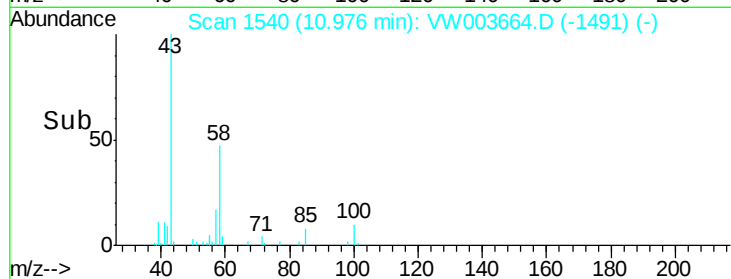
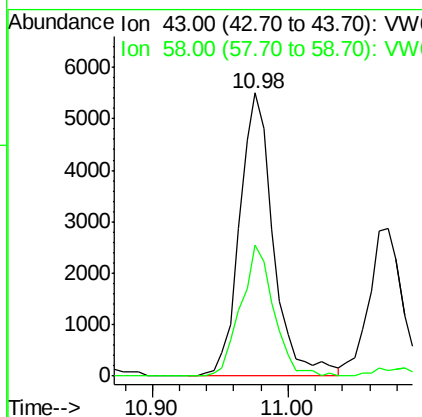
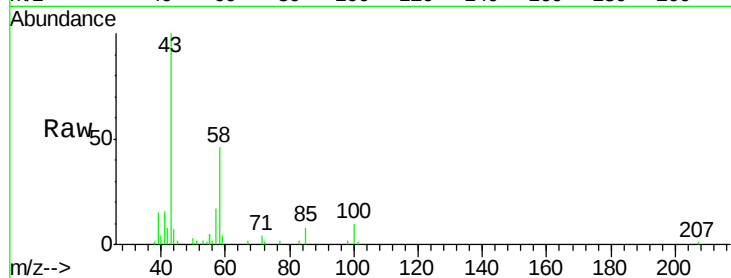




#59
2-Hexanone
Concen: 11.317 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

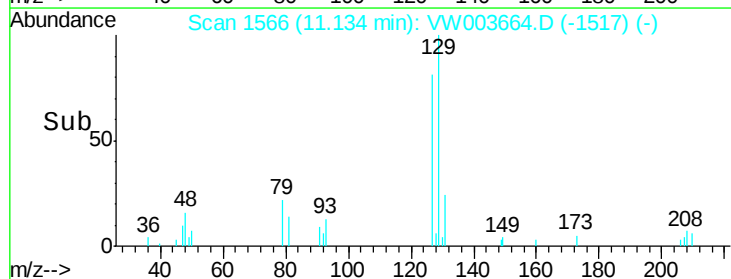
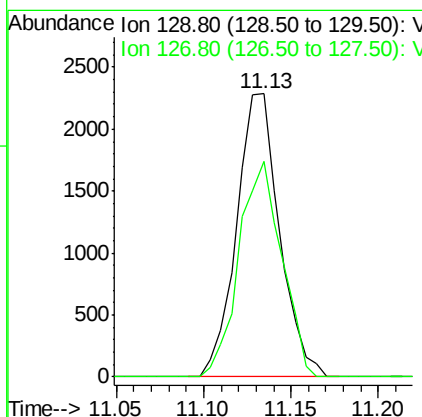
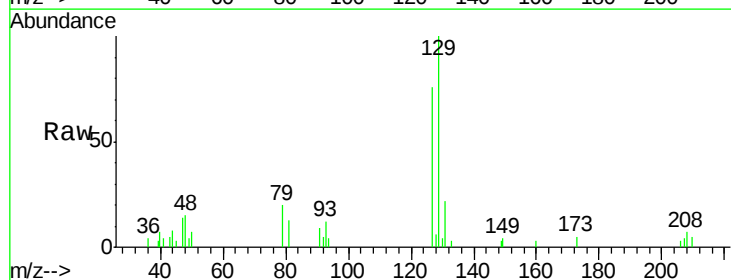
Instrument :
MSVOA_W
ClientSampleId :

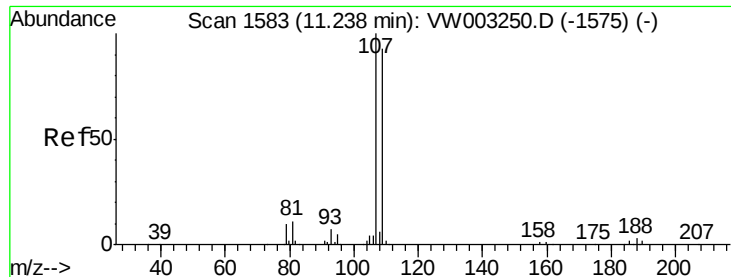
Tot Ion: 43 Resp: 9491
Ion Ratio Lower Upper
43 100
58 45.3 25.0 75.0



#60
Dibromochloromethane
Concen: 2.266 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 129 Resp: 3908
Ion Ratio Lower Upper
129 100
127 75.6 39.1 117.5





#61

1,2-Dibromoethane

Concen: 2.443 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

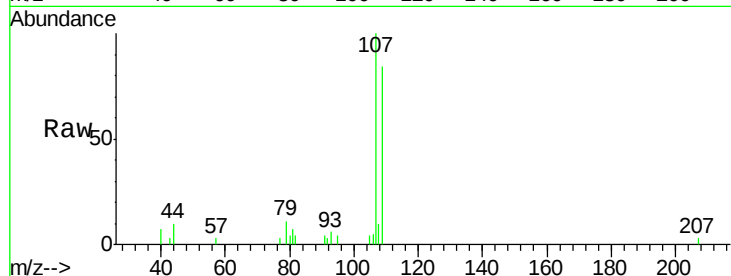
ClientSampleId :

Tot Ion:107 Resp: 3351

Ion Ratio Lower Upper

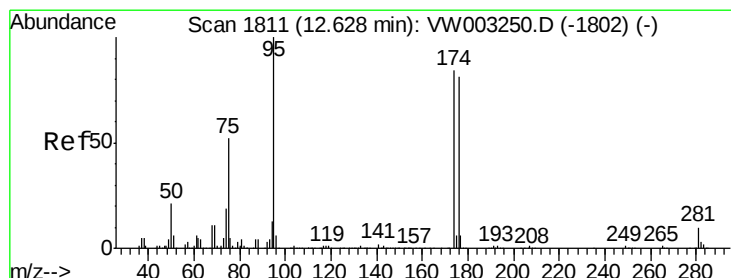
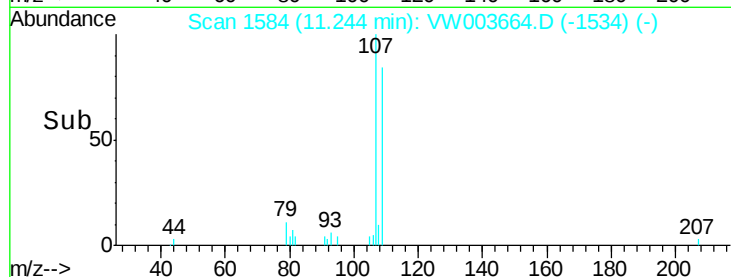
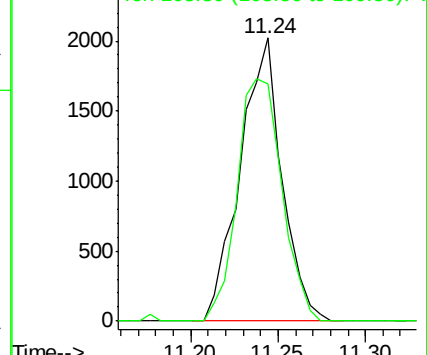
107 100

109 91.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.325 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

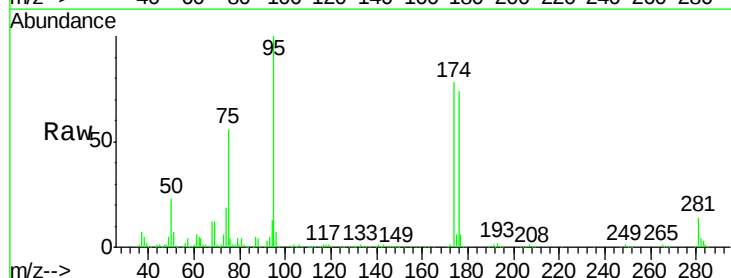
Tgt Ion: 95 Resp: 132719

Ion Ratio Lower Upper

95 100

174 82.6 0.0 166.4

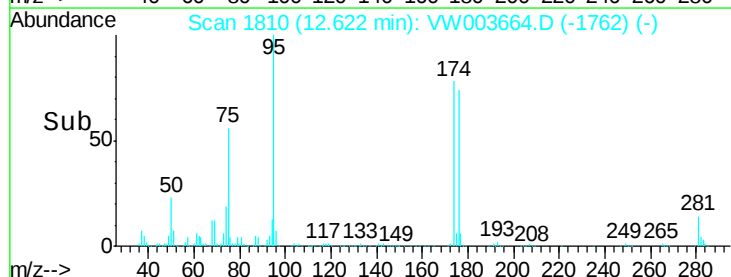
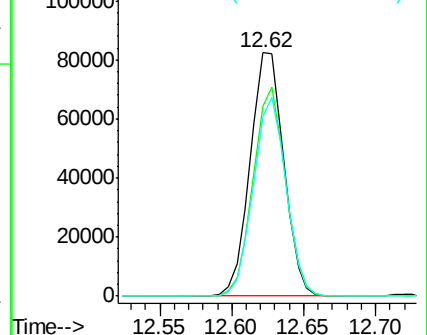
176 79.1 0.0 162.0

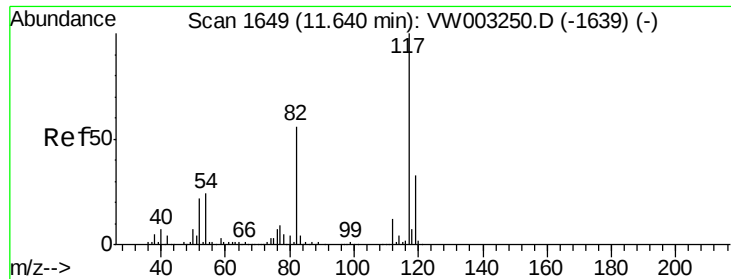


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

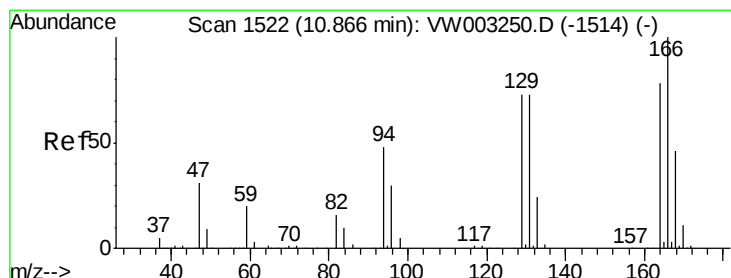
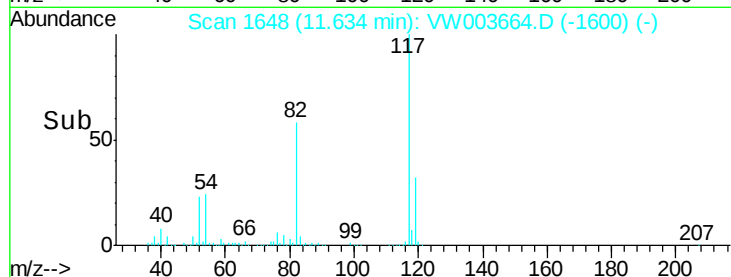
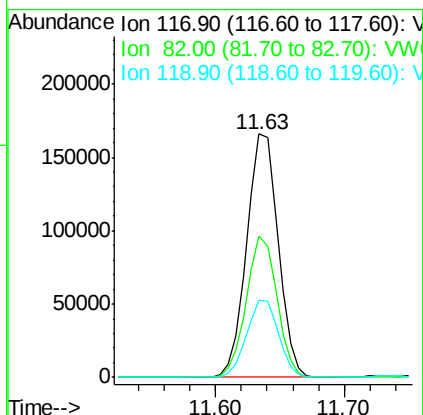
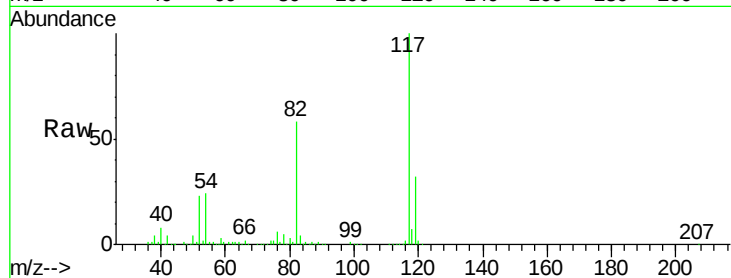




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

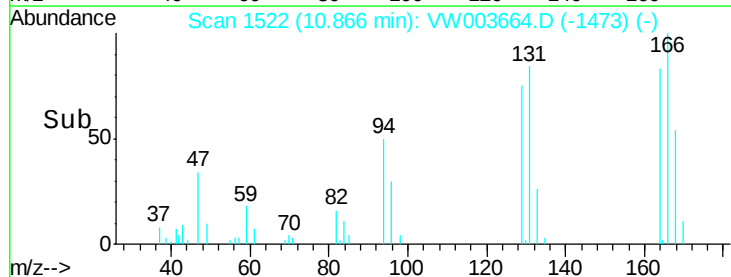
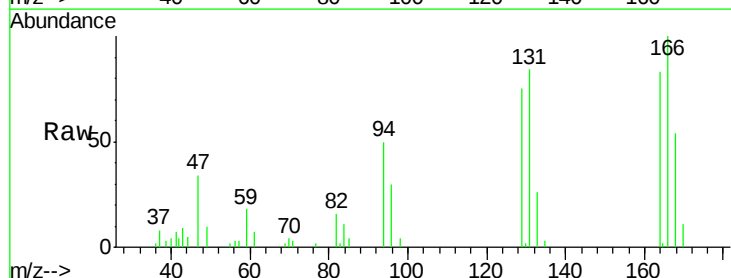
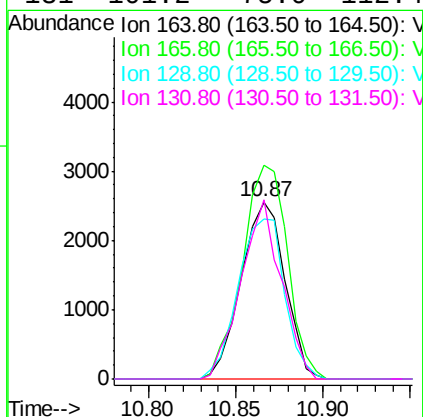
Instrument :
MSVOA_W
ClientSampleId :

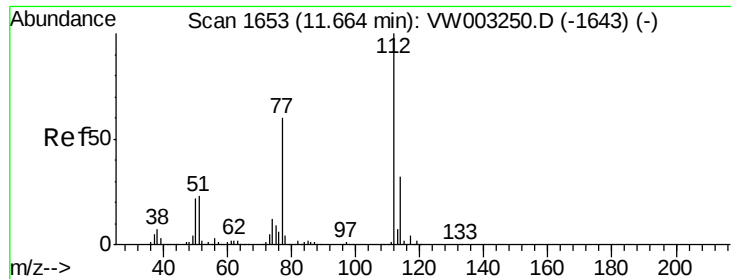
Tot Ion:117 Resp: 280033
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 31.7 26.7 40.1



#64
Tetrachloroethene
Concen: 2.377 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion:164 Resp: 4452
Ion Ratio Lower Upper
164 100
166 120.8 102.6 154.0
129 90.3 75.2 112.8
131 101.2 75.0 112.4

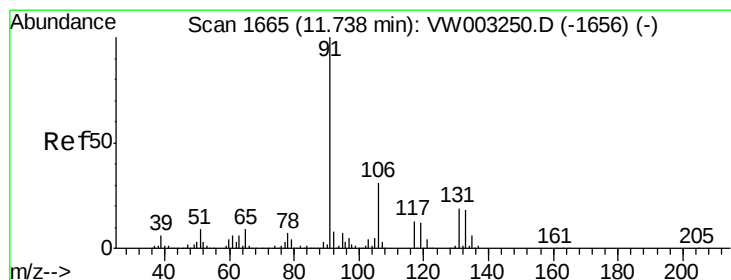
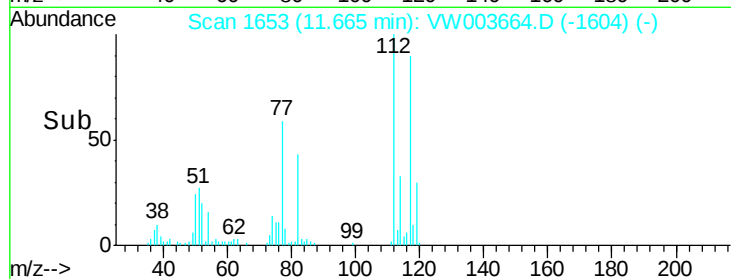
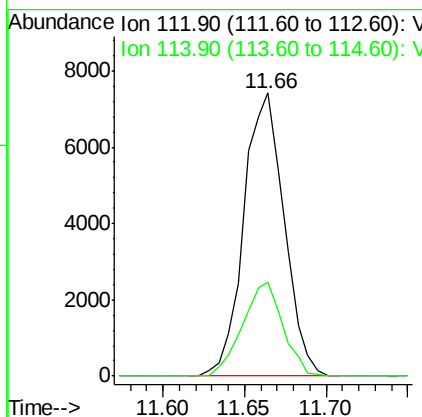
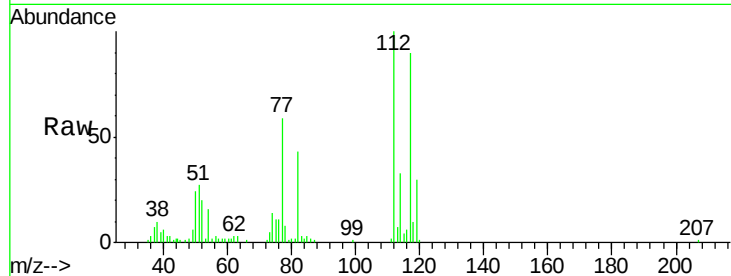




#65
Chlorobenzene
Concen: 2.188 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

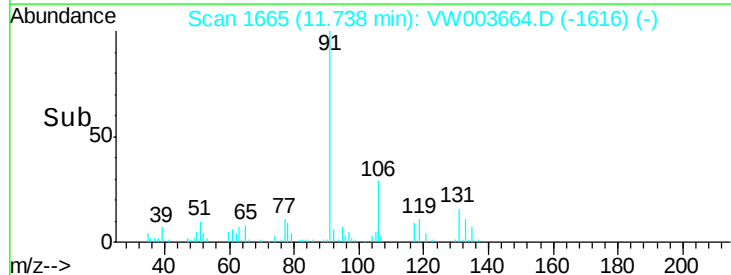
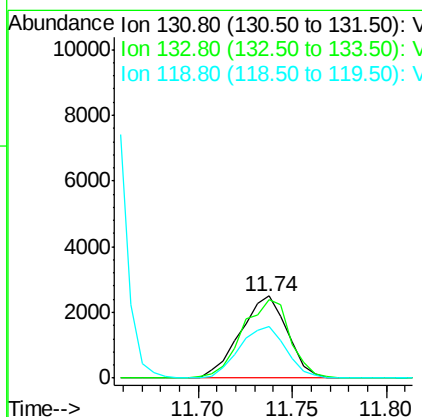
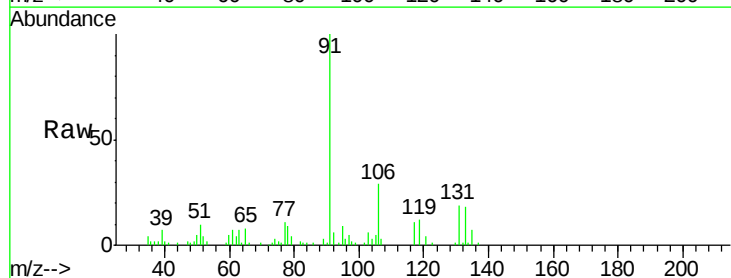
Instrument :
MSVOA_W
ClientSampleId :

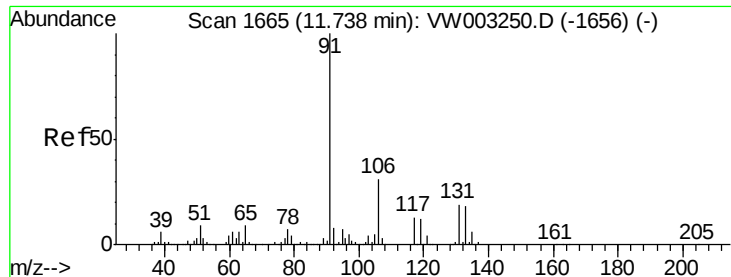
Tot Ion:112 Resp: 12757
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 2.096 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion:131 Resp: 4295
Ion Ratio Lower Upper
131 100
133 98.2 47.3 142.0
119 62.8 32.5 97.4

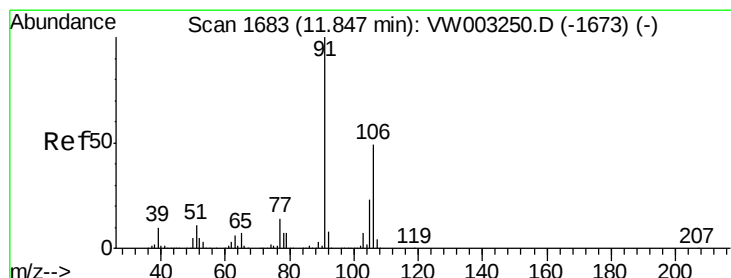
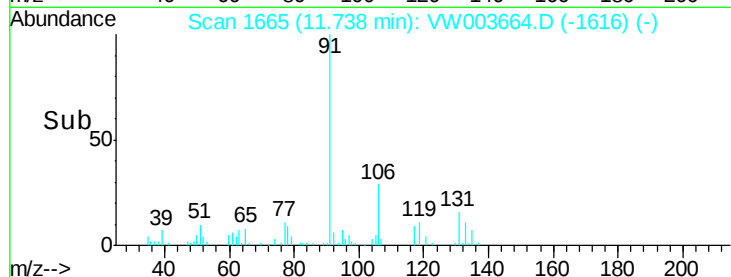
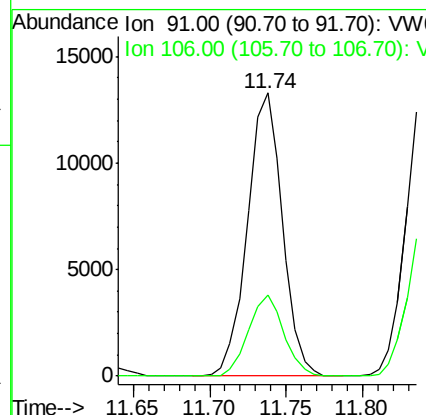
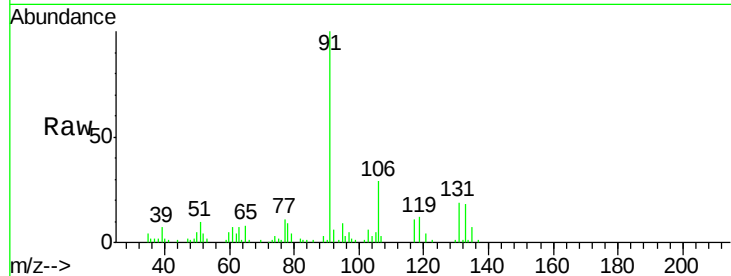




#67
Ethyl Benzene
Concen: 2.043 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

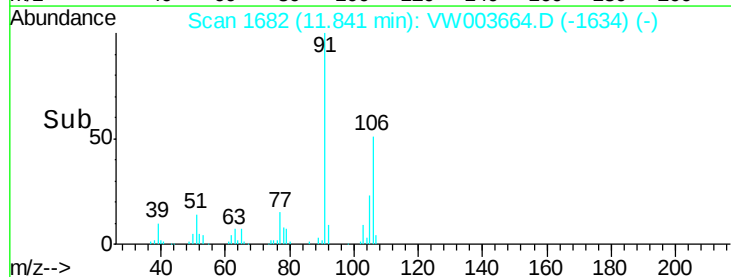
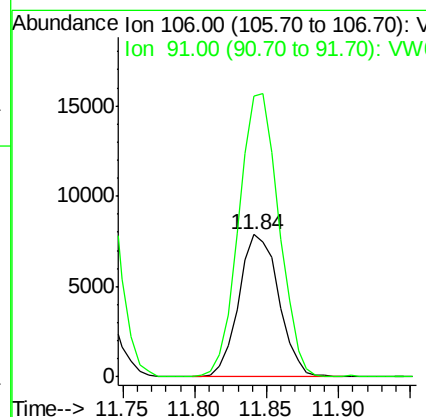
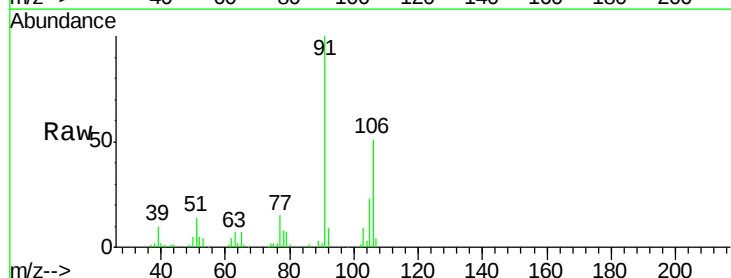
Instrument :
MSVOA_W
ClientSampled :

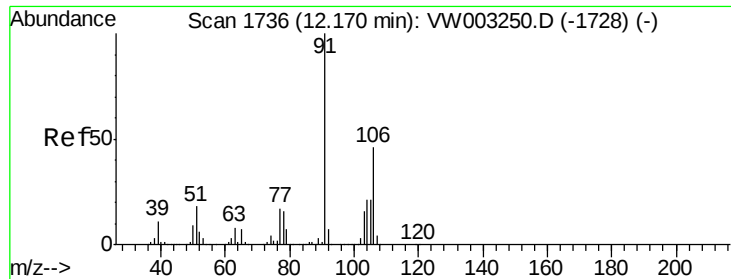
Tot Ion: 91 Resp: 21121
Ion Ratio Lower Upper
91 100
106 28.7 24.7 37.1



#68
m/p-Xylenes
Concen: 3.853 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion: 106 Resp: 15140
Ion Ratio Lower Upper
106 100
91 200.3 165.4 248.0

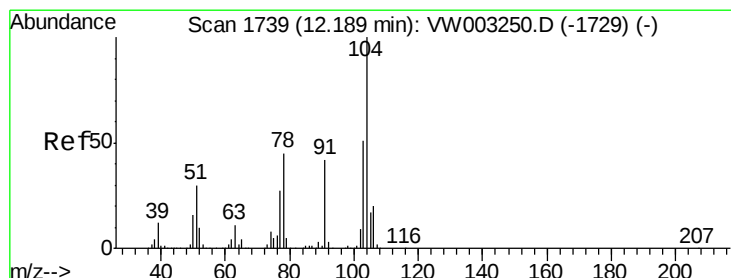
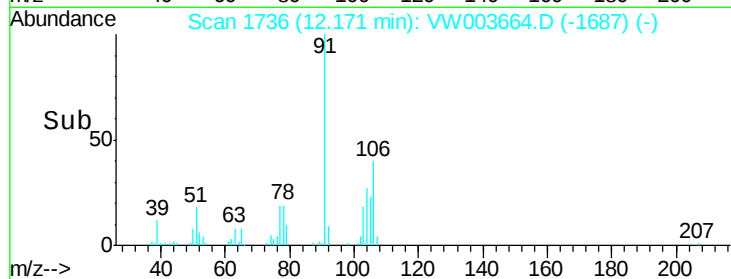
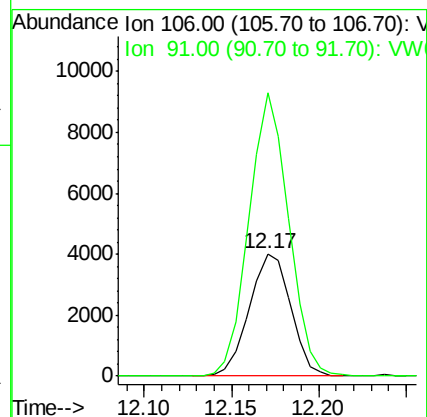
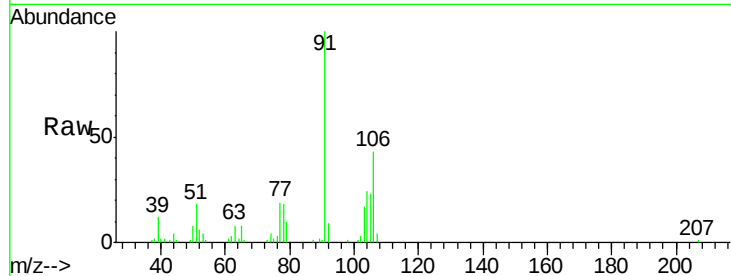




#69
o-Xylene
Concen: 1.819 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

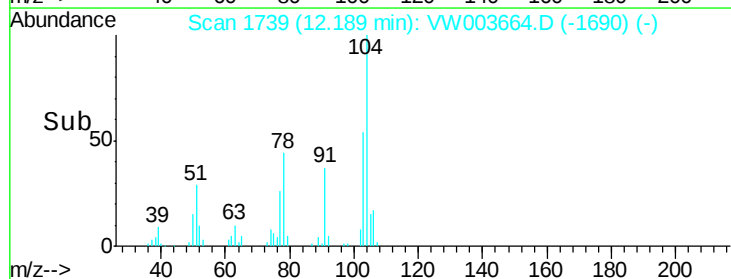
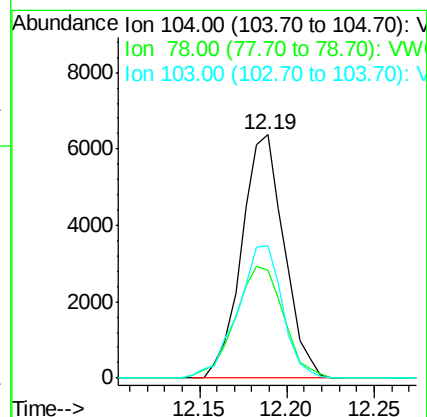
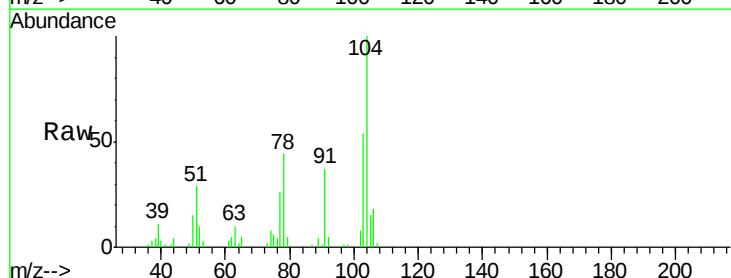
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 6625
Ion Ratio Lower Upper
106 100
91 221.2 108.6 325.6



#70
Styrene
Concen: 1.775 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion:104 Resp: 10761
Ion Ratio Lower Upper
104 100
78 52.3 41.3 61.9
103 57.2 45.0 67.4

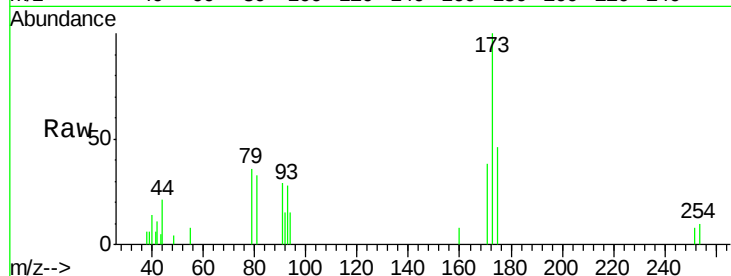




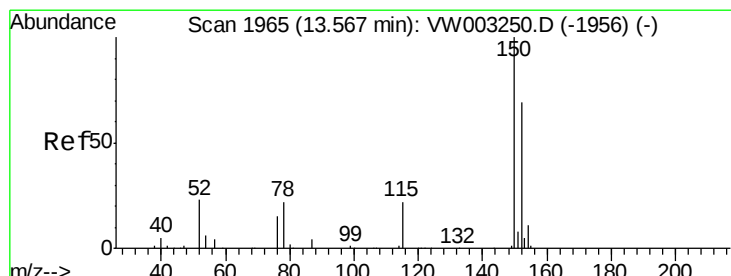
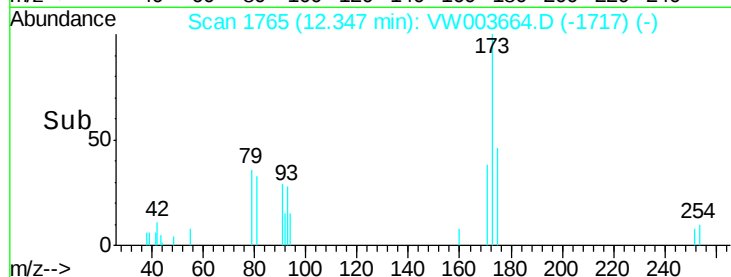
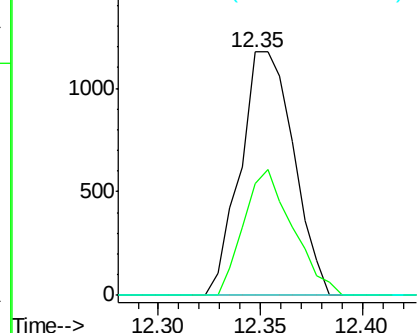
#71
Bromoform
Concen: 2.007 ug/l
RT: 12.35 min Scan# 1765
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:173 Resp: 2132
Ion Ratio Lower Upper
173 100
175 47.6 24.4 73.4
254 0.0 0.1 0.1#

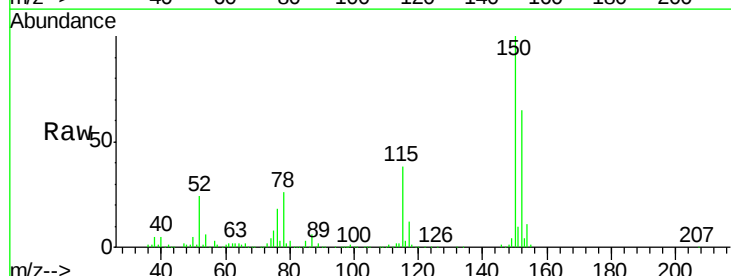


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

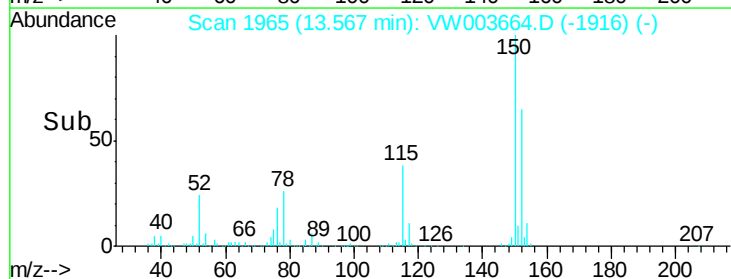
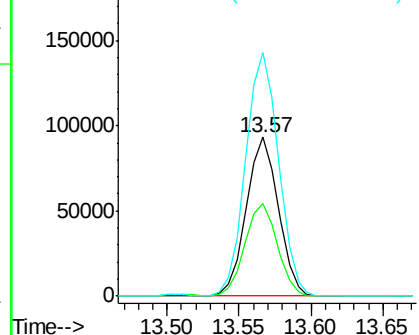


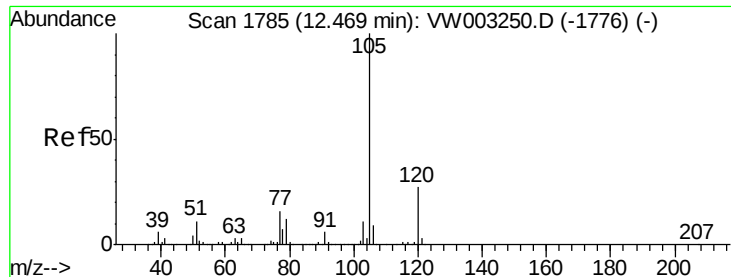
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion:152 Resp: 143784
Ion Ratio Lower Upper
152 100
115 58.8 29.3 88.0
150 157.1 0.0 349.6



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





#73

Isopropylbenzene

Concen: 1.800 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

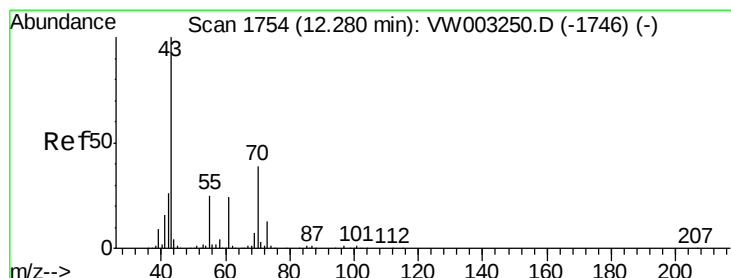
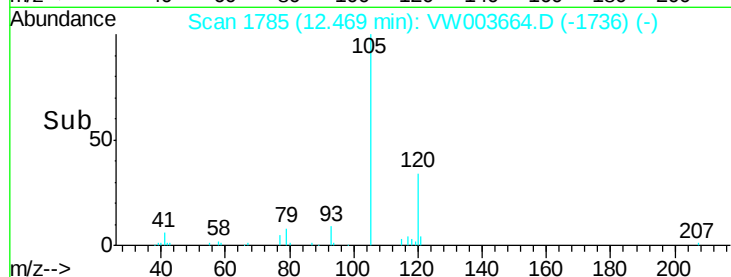
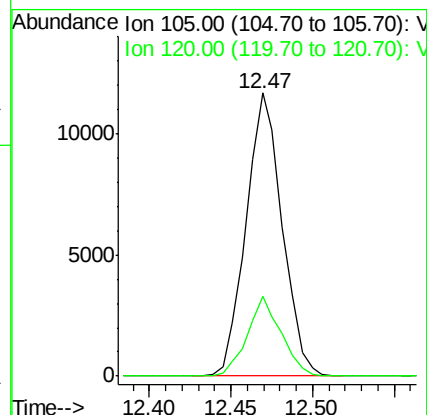
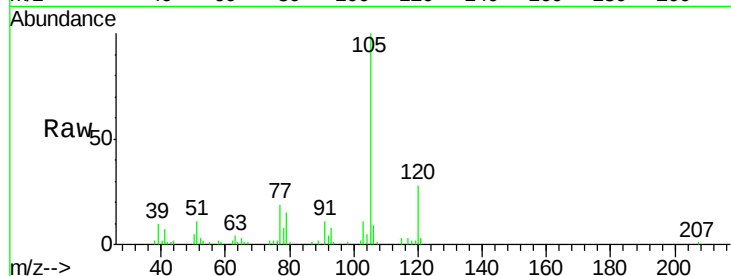
ClientSampled :

Tot Ion:105 Resp: 18005

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 2.114 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Tgt Ion: 43 Resp: 4812

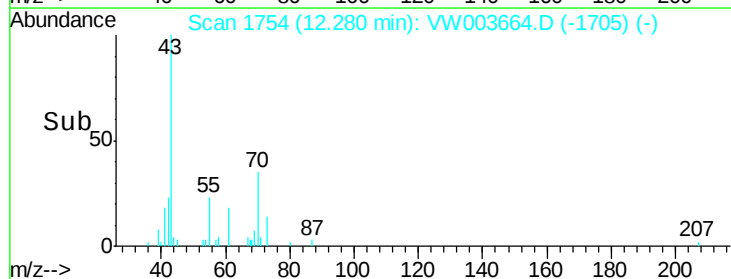
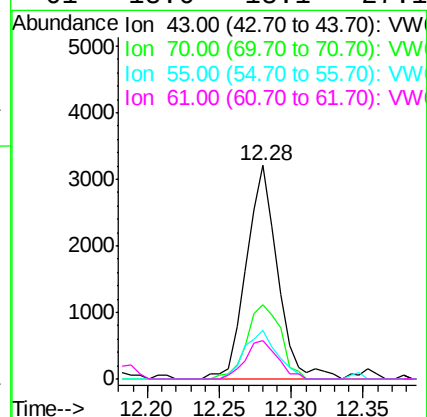
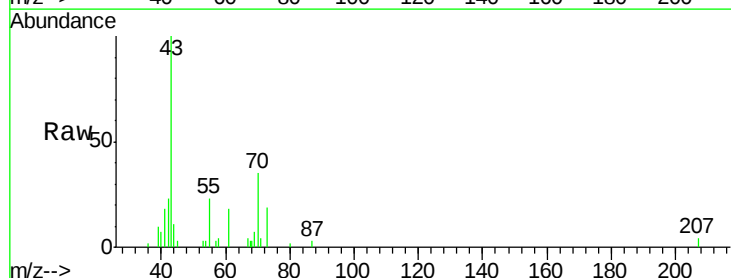
Ion Ratio Lower Upper

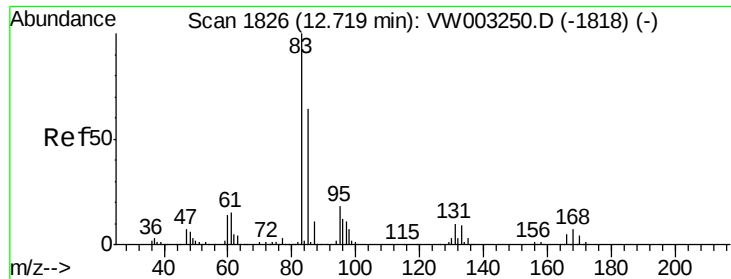
43 100

70 37.6 31.0 46.6

55 23.9 19.7 29.5

61 18.6 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.473 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampleId :

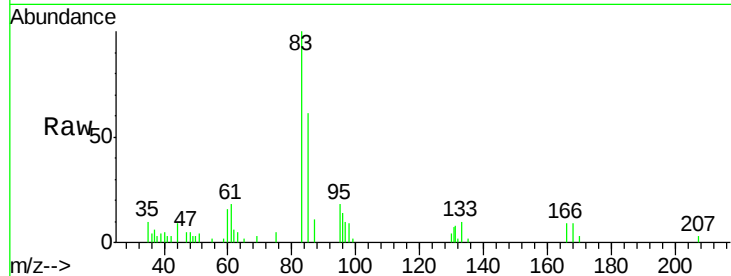
Tot Ion: 83 Resp: 4184

Ion Ratio Lower Upper

83 100

131 13.2 5.4 16.2

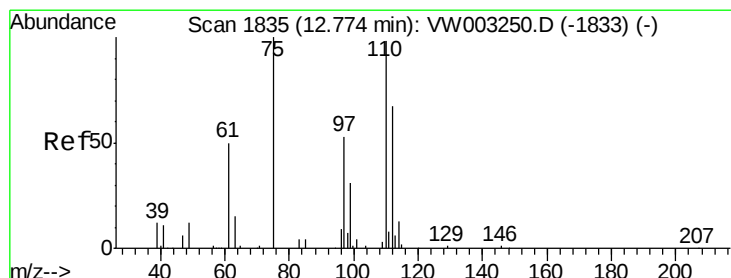
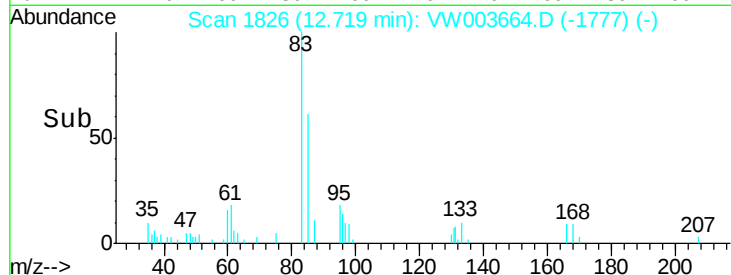
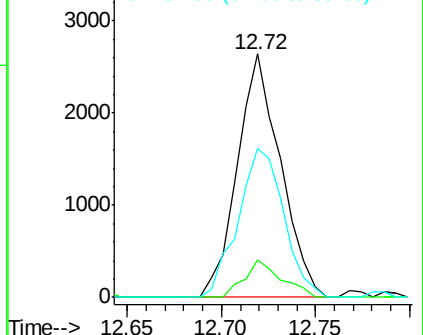
85 64.9 31.9 95.7



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: 4.429 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003664.D

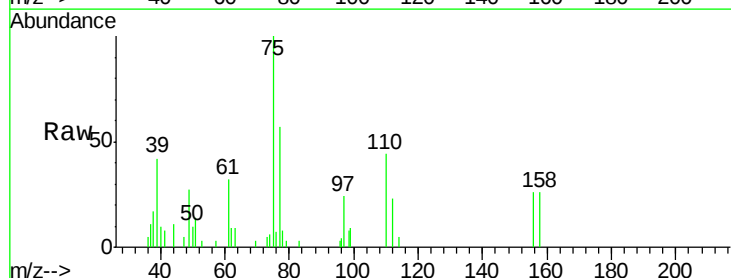
Acq: 29 Jun 2018 16:50

Tgt Ion: 75 Resp: 5444

Ion Ratio Lower Upper

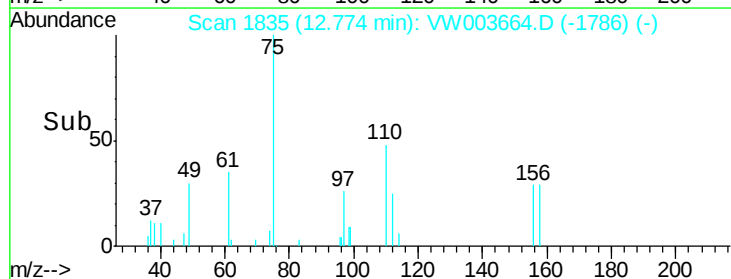
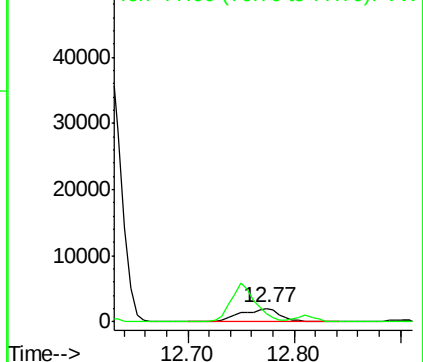
75 100

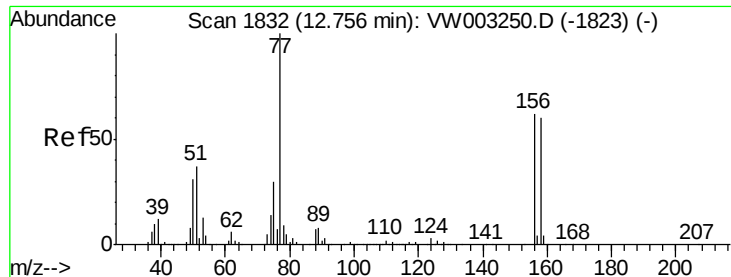
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 2.212 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampleId :

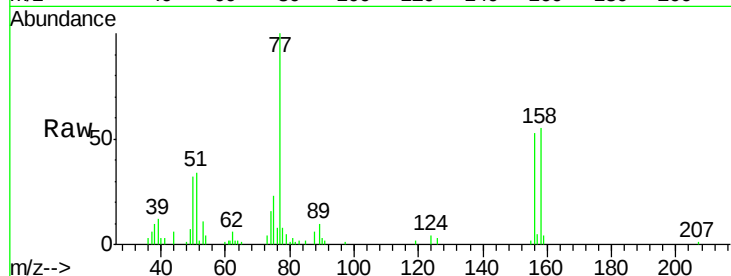
Tot Ion:156 Resp: 5153

Ion Ratio Lower Upper

156 100

77 190.2 92.3 276.9

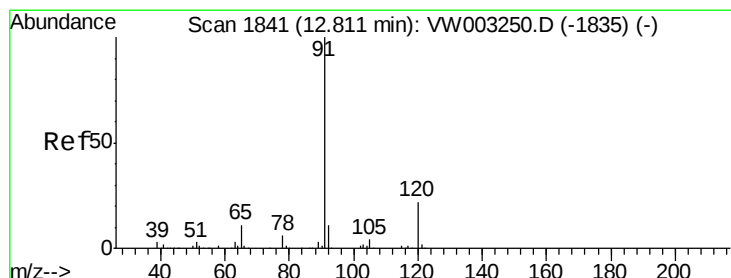
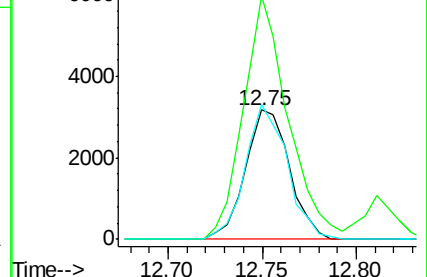
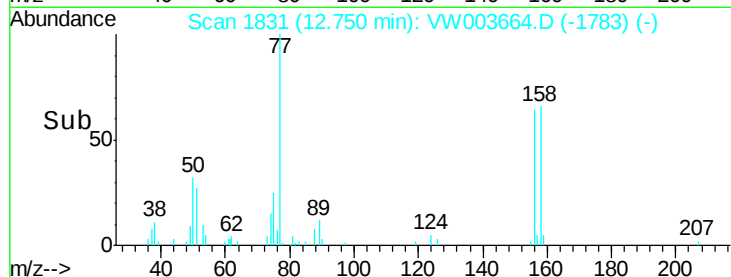
158 99.1 47.5 142.6



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: 2.004 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003664.D

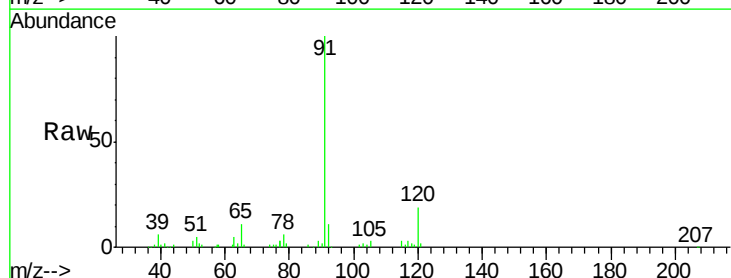
Acq: 29 Jun 2018 16:50

Tgt Ion: 91 Resp: 24545

Ion Ratio Lower Upper

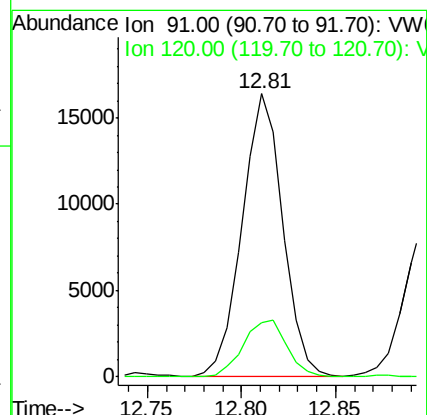
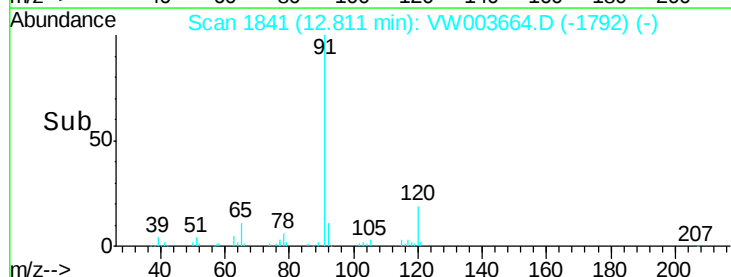
91 100

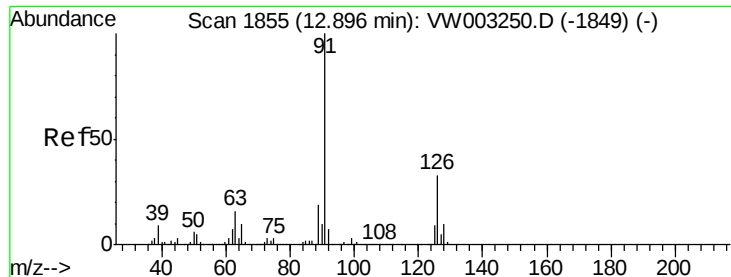
120 21.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.099 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

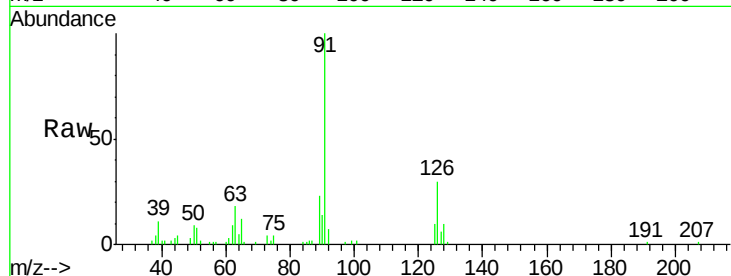
ClientSampled :

Tot Ion: 91 Resp: 14525

Ion Ratio Lower Upper

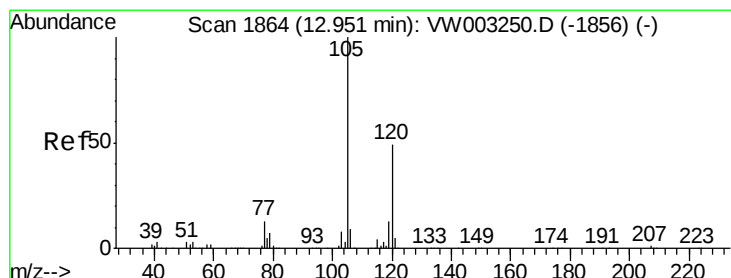
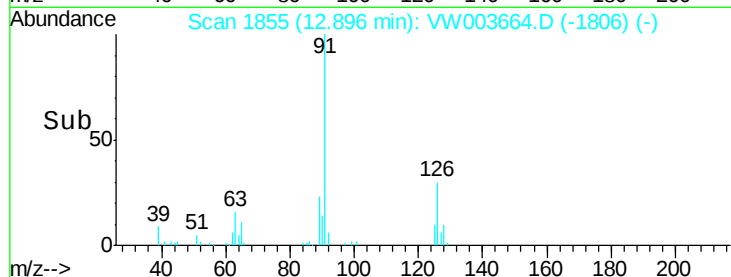
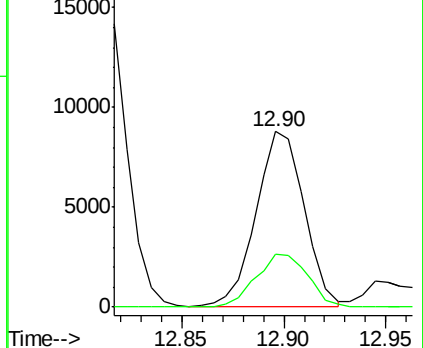
91 100

126 32.3 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.853 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003664.D

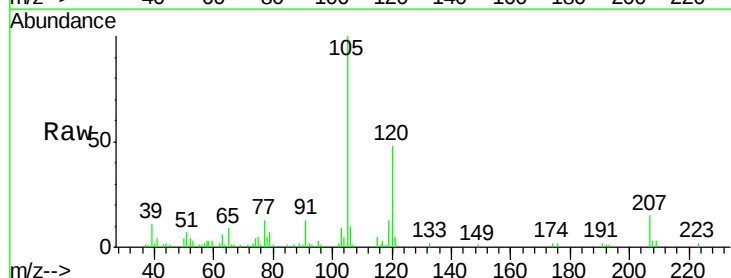
Acq: 29 Jun 2018 16:50

Tgt Ion:105 Resp: 15553

Ion Ratio Lower Upper

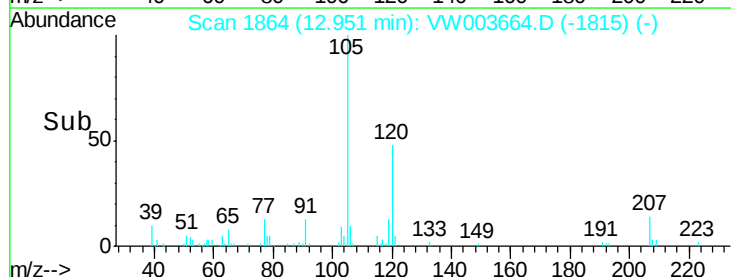
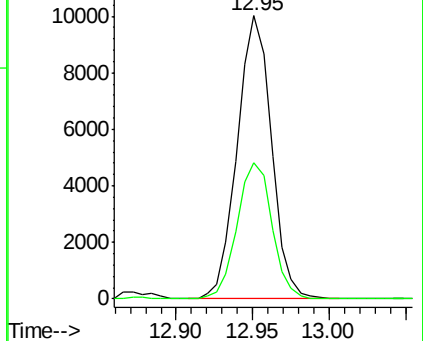
105 100

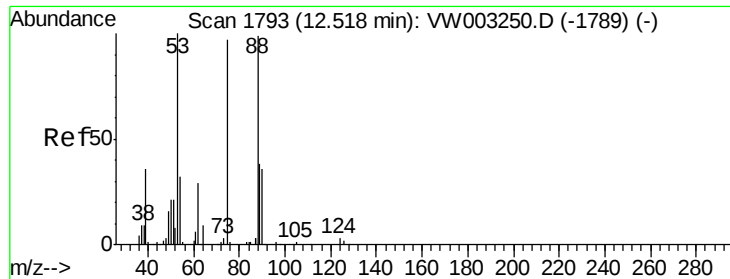
120 48.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 134.504 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampleId :

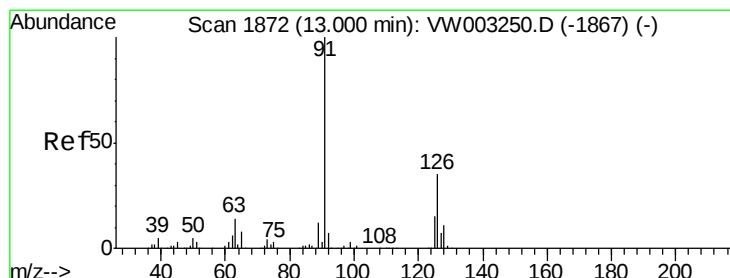
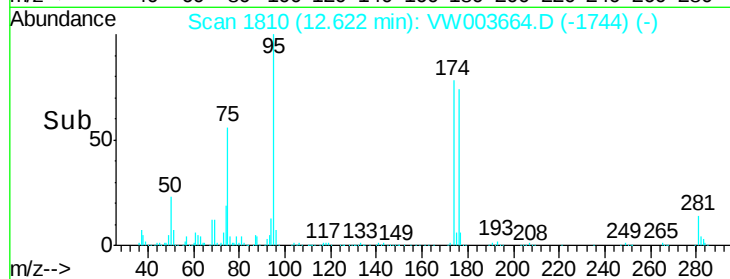
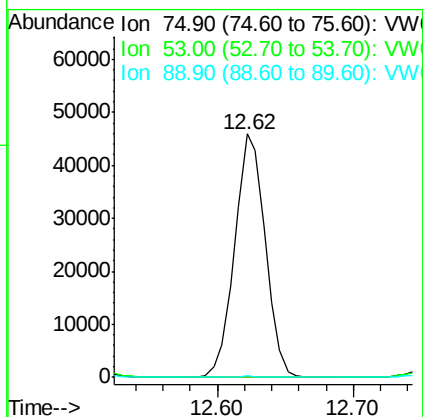
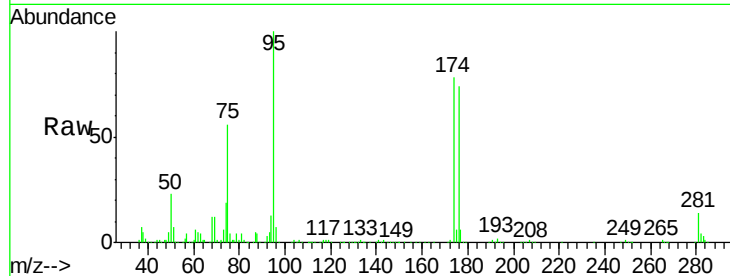
Tot Ion: 75 Resp: 71850

Ion Ratio Lower Upper

75 100

53 0.1 82.9 124.3#

89 0.2 36.7 55.1#



#82

4-Chlorotoluene

Concen: 2.079 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003664.D

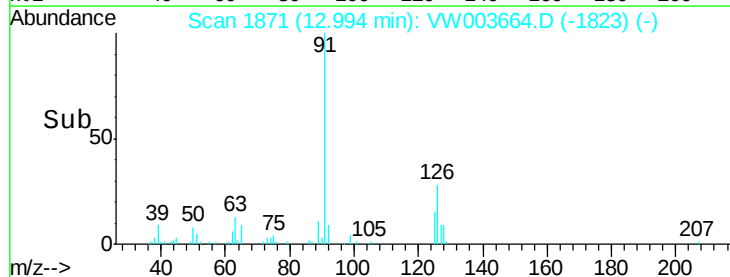
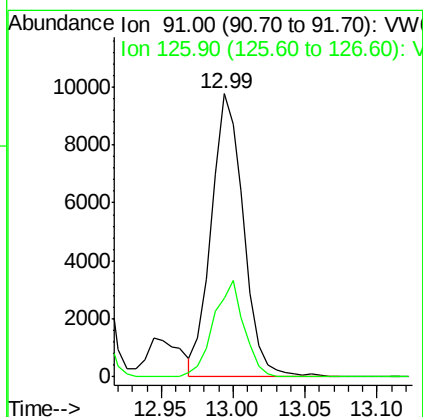
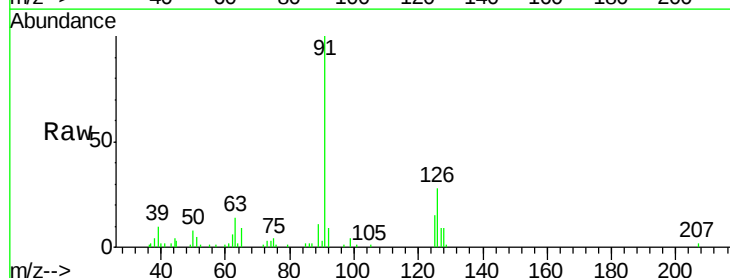
Acq: 29 Jun 2018 16:50

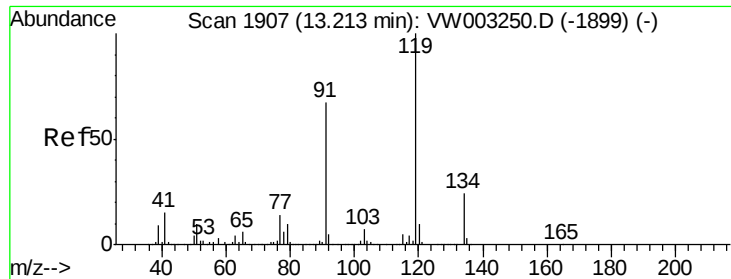
Tgt Ion: 91 Resp: 15265

Ion Ratio Lower Upper

91 100

126 32.2 16.8 50.3

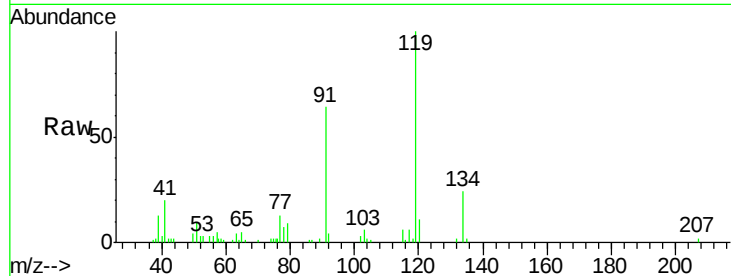




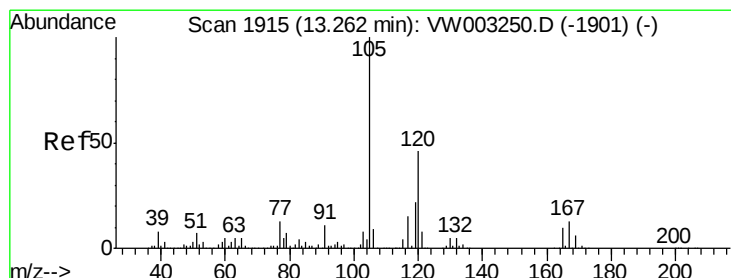
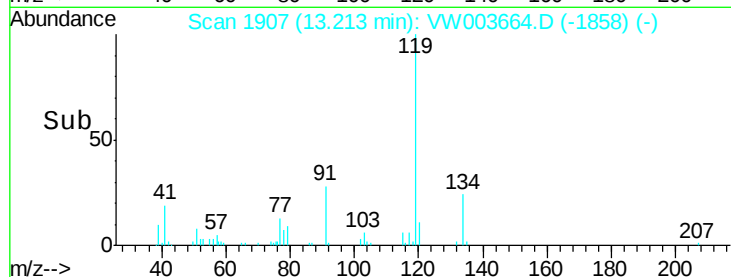
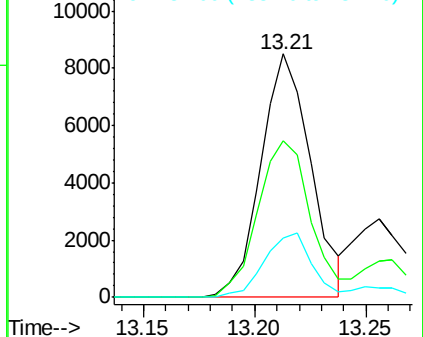
#83
tert-Butylbenzene
Concen: 1.852 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 13246
Ion Ratio Lower Upper
119 100
91 69.0 33.9 101.7
134 25.5 13.4 40.1

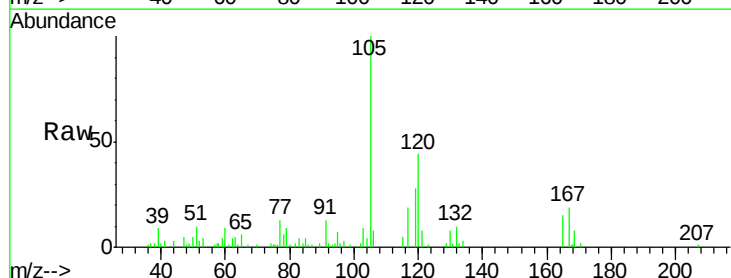


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

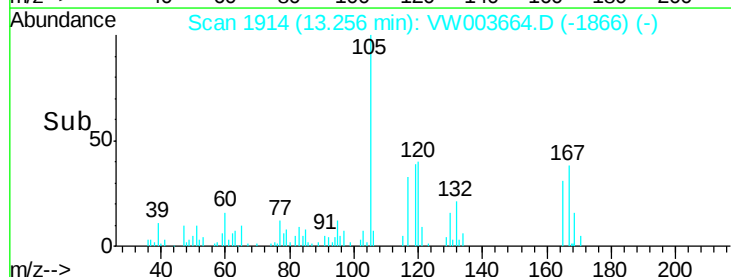
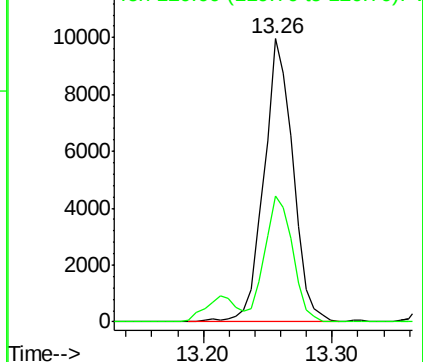


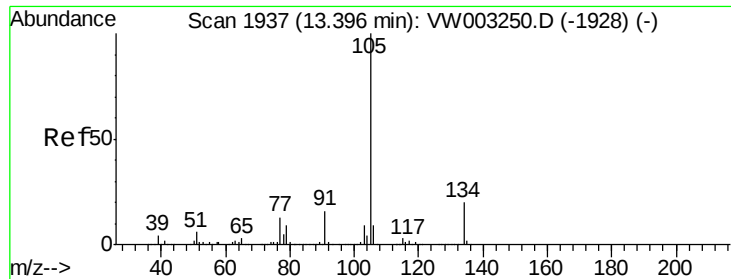
#84
1,2,4-Trimethylbenzene
Concen: 1.806 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion:105 Resp: 15595
Ion Ratio Lower Upper
105 100
120 43.0 22.5 67.5



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





#85

sec-Butylbenzene

Concen: 1.750 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

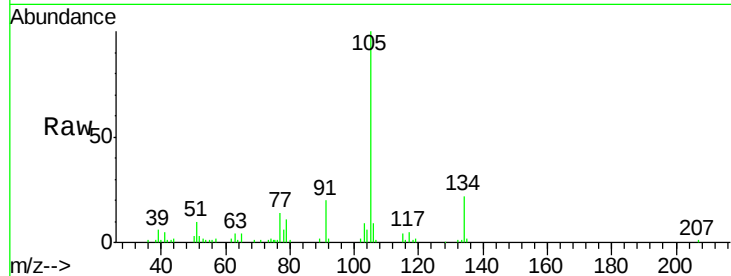
ClientSampled :

Tot Ion:105 Resp: 18610

Ion Ratio Lower Upper

105 100

134 21.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

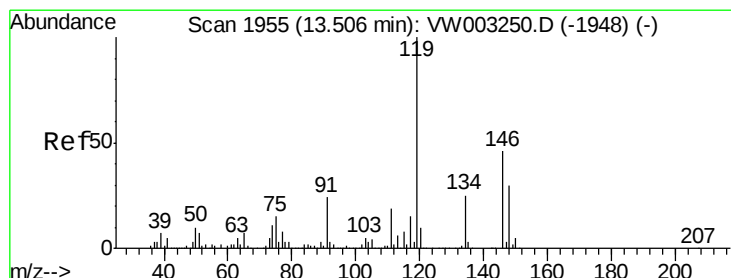
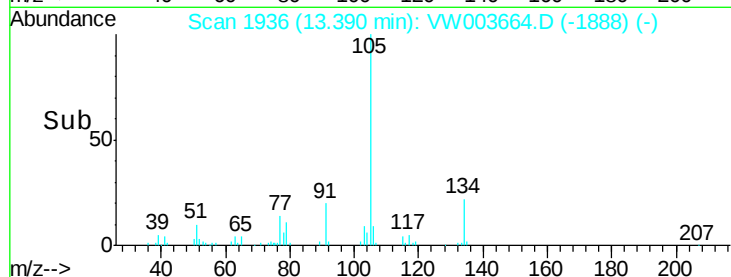
13.39

10000

5000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 1.687 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

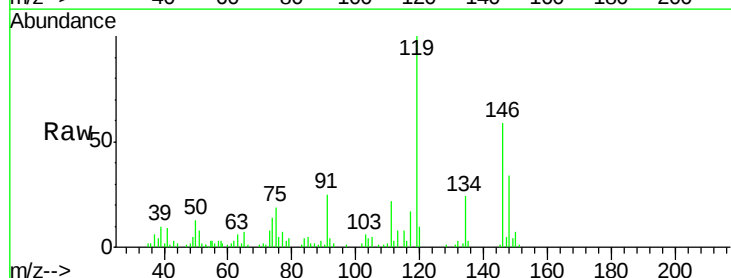
Tgt Ion:119 Resp: 15823

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 25.5 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

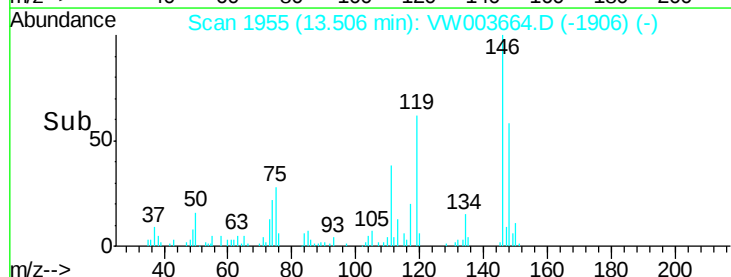
13.51

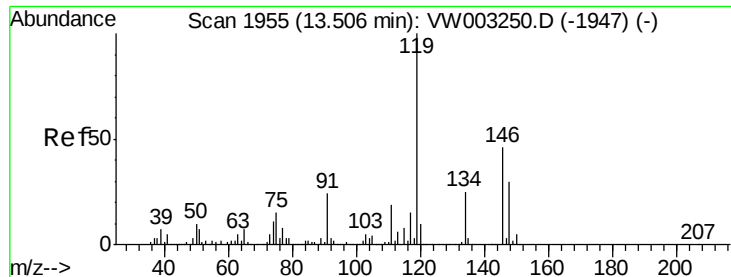
10000

5000

0

Time--> 13.50 13.60





#87

1,3-Dichlorobenzene

Concen: 2.104 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003664.D

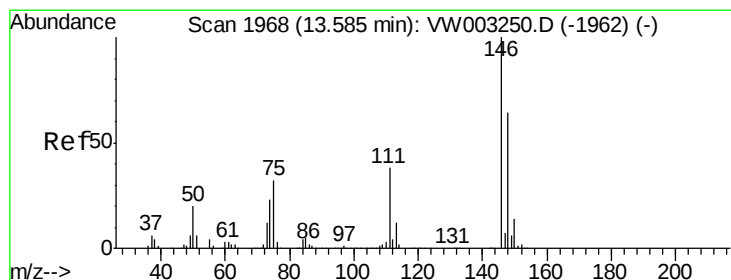
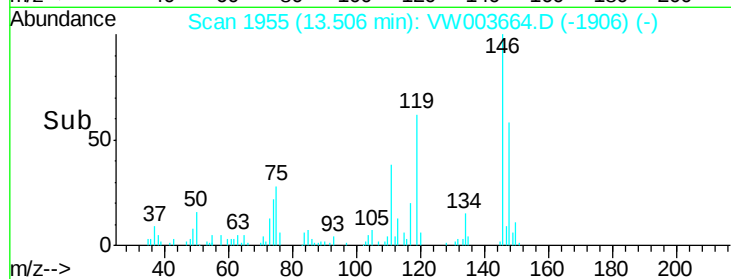
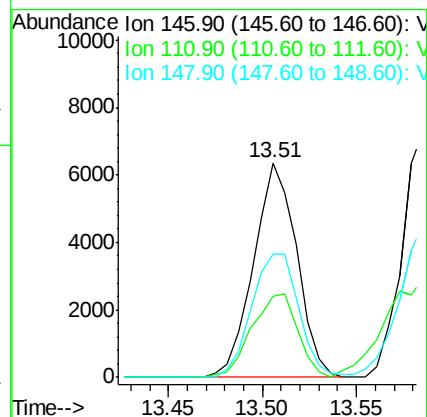
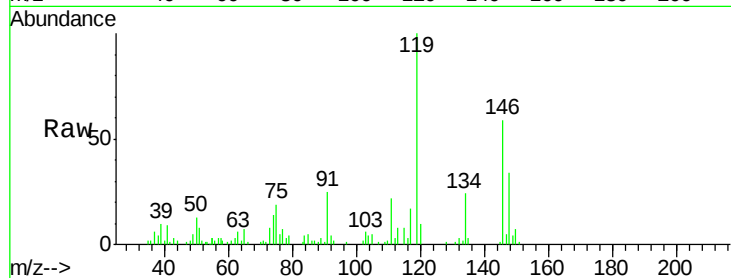
Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:146	Resp:	10065
Ion	Ratio	Lower Upper
146	100	
111	41.5	19.8 59.4
148	63.0	32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 2.388 ug/l

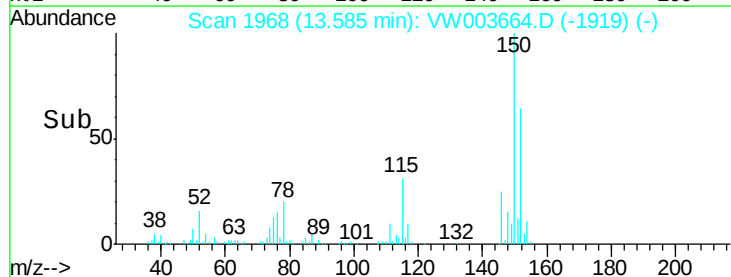
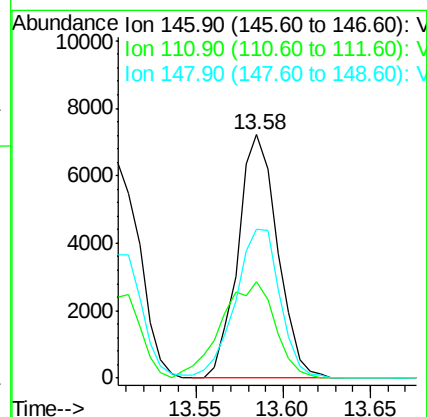
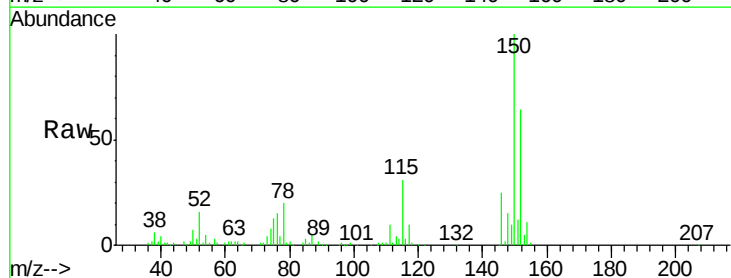
RT: 13.58 min Scan# 1968

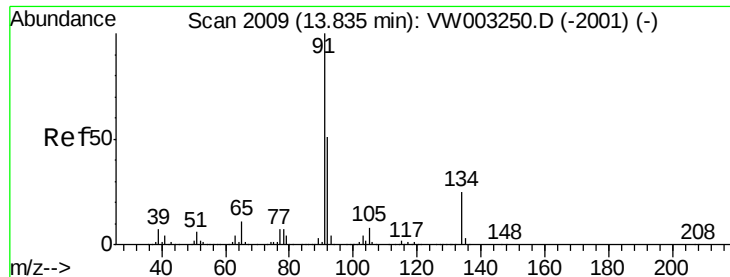
Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Tgt Ion:146	Resp:	11357
Ion	Ratio	Lower Upper
146	100	
111	53.6	19.2 57.6
148	69.0	31.8 95.4





#89

n-Butylbenzene

Concen: 1.846 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampled :

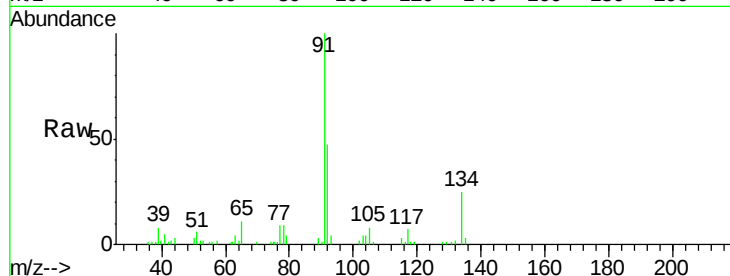
Tot Ion: 91 Resp: 16875

Ion Ratio Lower Upper

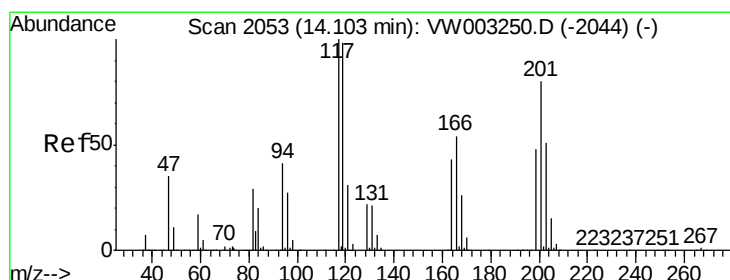
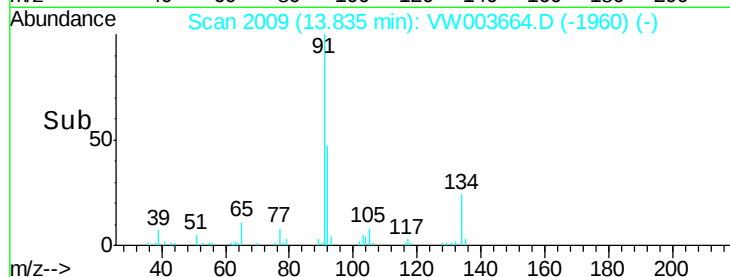
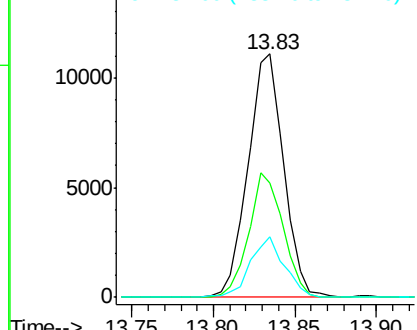
91 100

92 49.3 26.0 78.0

134 23.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 2.143 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003664.D

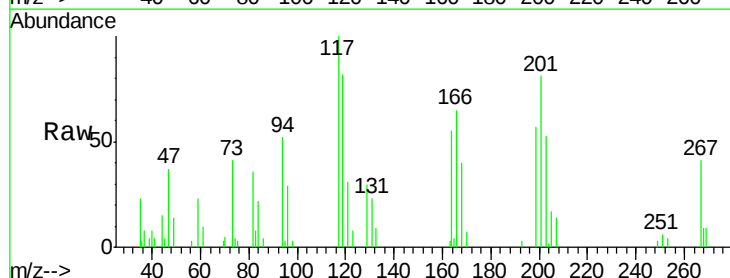
Acq: 29 Jun 2018 16:50

Tgt Ion: 117 Resp: 3635

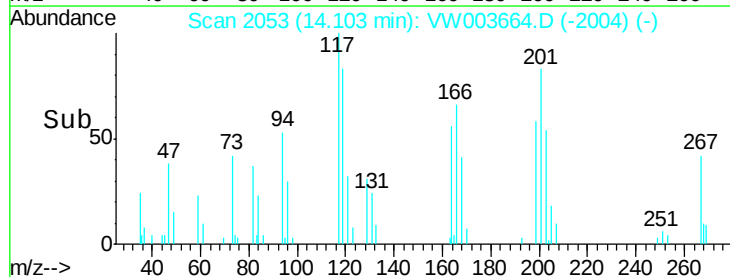
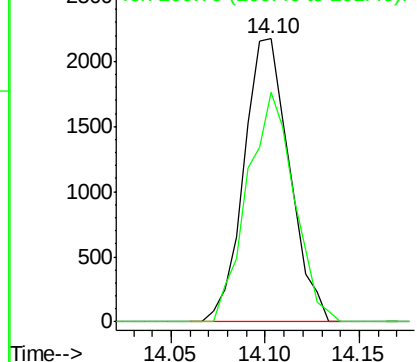
Ion Ratio Lower Upper

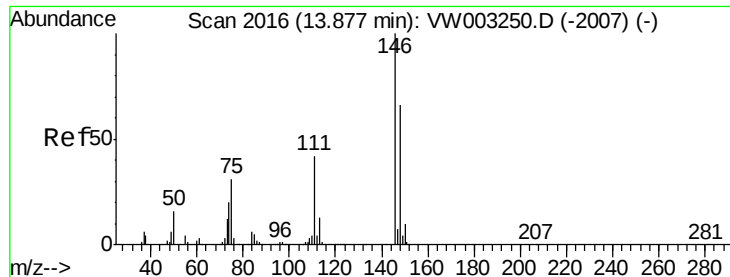
117 100

201 83.4 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

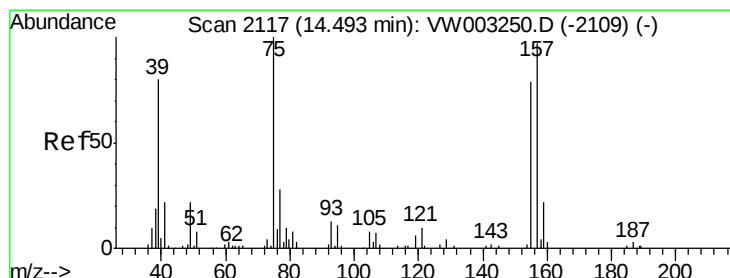
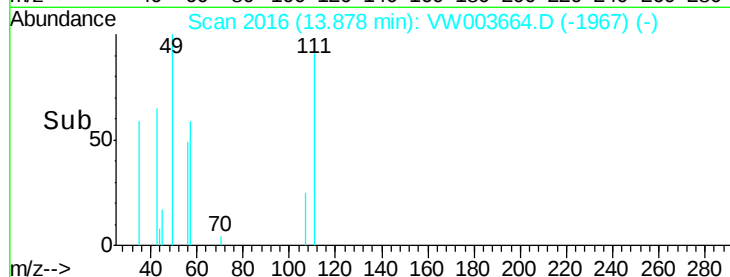
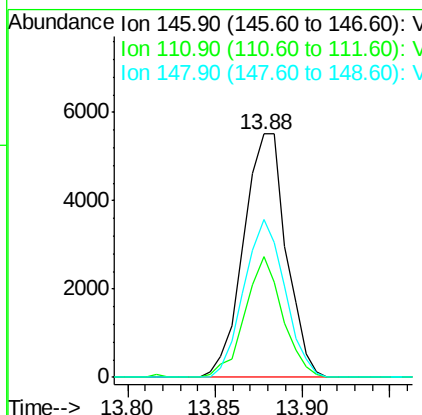
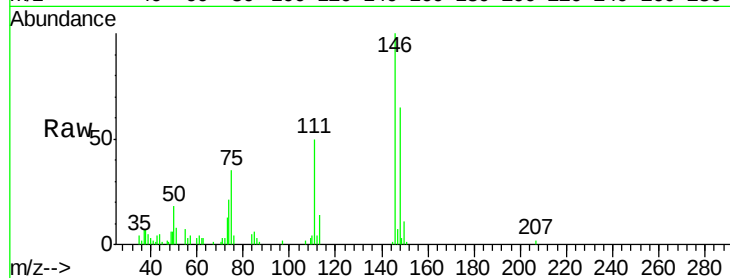




#91
 1,2-Dichlorobenzene
 Concen: 2.233 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

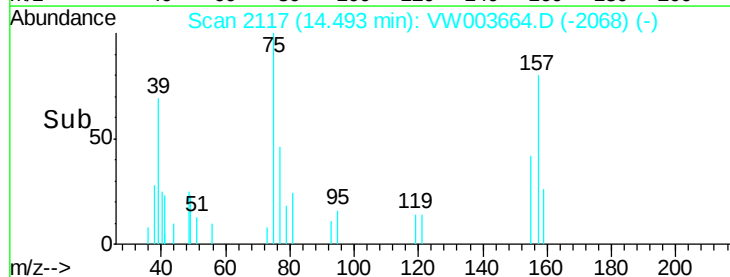
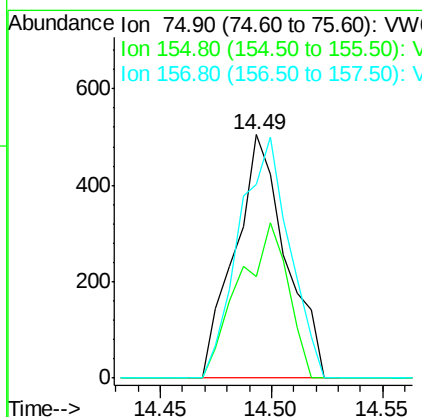
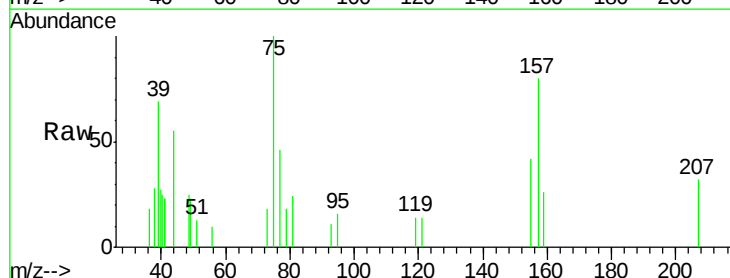
Instrument :
 MSVOA_W
 ClientSampleId :

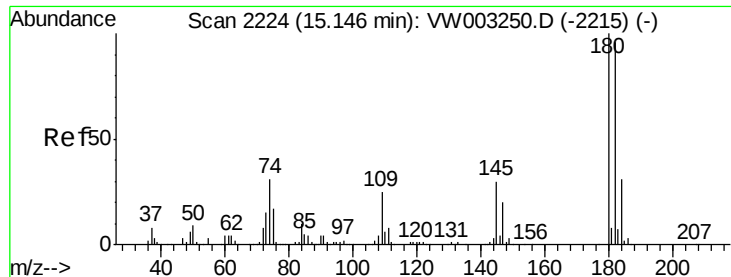
Tot Ion:146 Resp: 9360
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.3 61.0
 148 62.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.817 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003664.D
 Acq: 29 Jun 2018 16:50

Tgt Ion: 75 Resp: 802
 Ion Ratio Lower Upper
 75 100
 155 61.0 39.4 118.2
 157 98.3 51.5 154.5

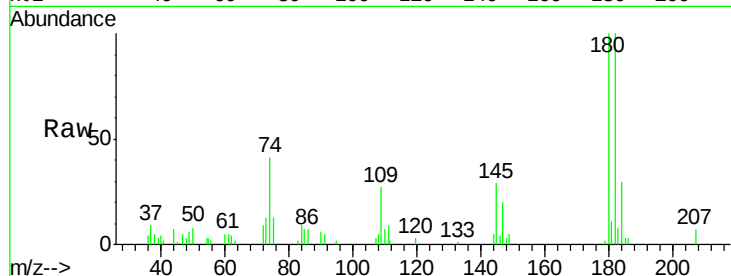




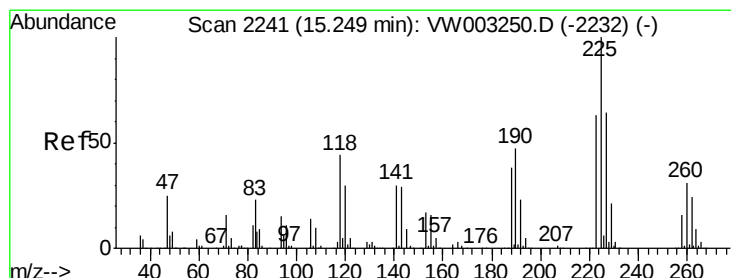
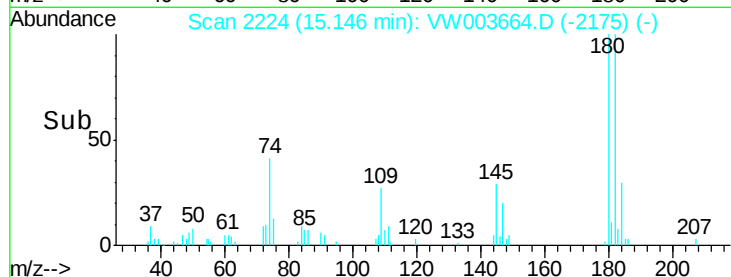
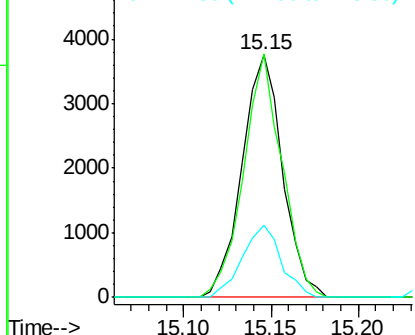
#93
1,2,4-Trichlorobenzene
Concen: 2.058 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:180 Resp: 6054
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 28.5 15.2 45.5

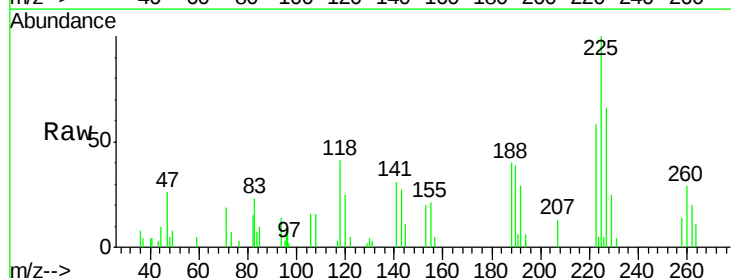


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

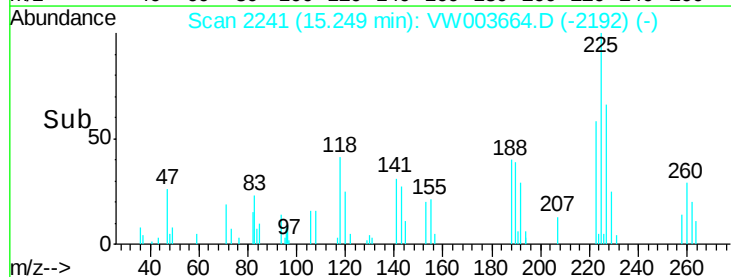
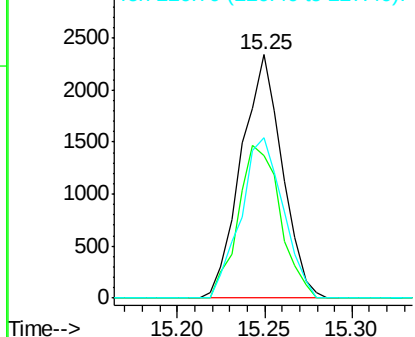


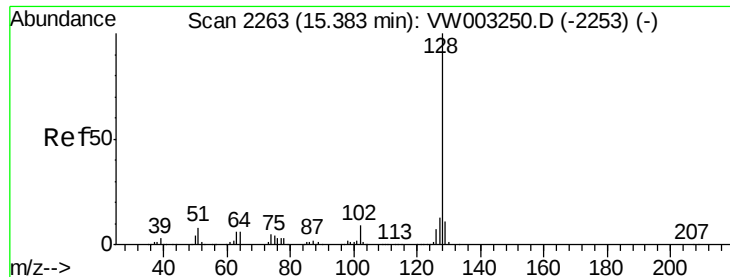
#94
Hexachlorobutadiene
Concen: 2.170 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003664.D
Acq: 29 Jun 2018 16:50

Tgt Ion:225 Resp: 3840
Ion Ratio Lower Upper
225 100
223 64.0 30.6 92.0
227 67.9 31.7 95.1



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: 1.832 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

Instrument :

MSVOA_W

ClientSampleId :

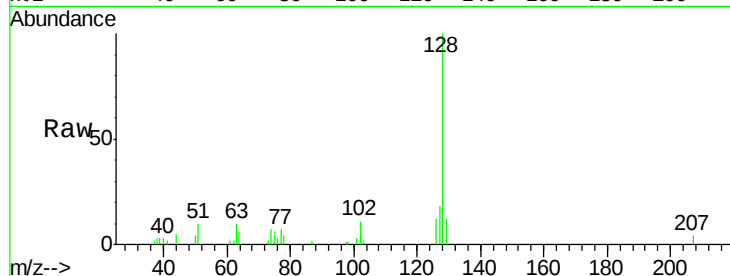
Tot Ion:128 Resp: 9142

Ion Ratio Lower Upper

128 100

127 14.5 10.5 15.7

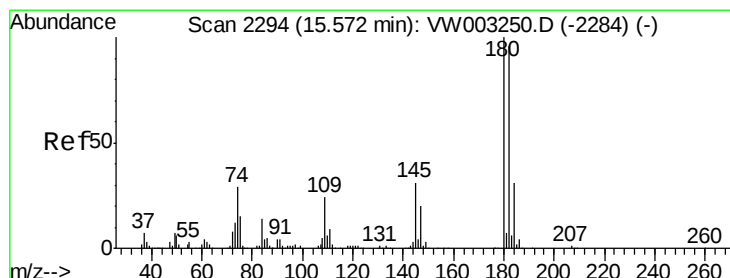
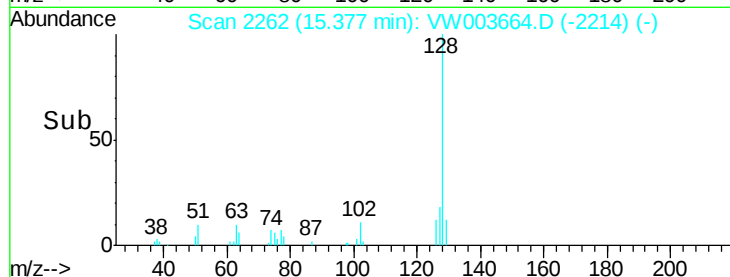
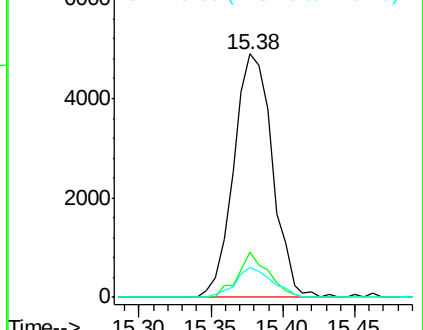
129 11.4 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.187 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003664.D

Acq: 29 Jun 2018 16:50

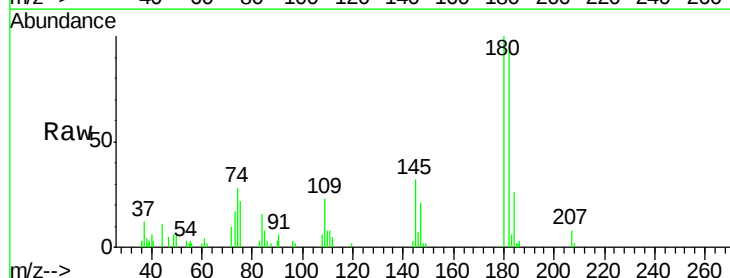
Tgt Ion:180 Resp: 5664

Ion Ratio Lower Upper

180 100

182 92.6 47.9 143.6

145 32.2 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

