

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003652.D
 Acq On : 28 Jun 2018 21:08
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:47:11 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	195944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	308163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	161364	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	128580	60.58	ug/l	0.00
Spiked Amount			Recovery	=	121.16%	
35) Dibromofluoromethane	7.88	113	111120	58.03	ug/l	0.00
Spiked Amount			Recovery	=	116.06%	
50) Toluene-d8	10.33	98	434928	57.28	ug/l	0.00
Spiked Amount			Recovery	=	114.56%	
62) 4-Bromofluorobenzene	12.62	95	161893	60.25	ug/l	0.00
Spiked Amount			Recovery	=	120.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	31232	52.722	ug/l	93
3) Chloromethane	2.21	50	70261	46.943	ug/l	96
4) Vinyl Chloride	2.36	62	102881	47.152	ug/l	98
5) Bromomethane	2.78	94	66539	45.882	ug/l	99
6) Chloroethane	2.92	64	68749	45.266	ug/l	99
7) Trichlorofluoromethane	3.25	101	59136	45.241	ug/l	99
8) Diethyl Ether	3.67	74	51796	53.941	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93290	51.396	ug/l	99
10) Methyl Iodide	4.26	142	139730	50.902	ug/l	99
11) Tert butyl alcohol	5.24	59	35094	308.316	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	89074	50.217	ug/l	99
13) Acrolein	3.90	56	38030	233.687	ug/l	95
14) Allyl chloride	4.66	41	166049	54.044	ug/l	97
15) Acrylonitrile	5.37	53	121947	308.670	ug/l	100
16) Acetone	4.15	43	114307	256.797	ug/l	100
17) Carbon Disulfide	4.37	76	249118	47.506	ug/l	99
18) Methyl Acetate	4.68	43	68516	64.884	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	196737	59.219	ug/l	97
20) Methylene Chloride	4.91	84	108082	57.727	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	102640	53.169	ug/l	97
22) Diisopropyl ether	6.31	45	360077	58.230	ug/l	96
23) Vinyl Acetate	6.26	43	1045191	293.311	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201395	54.862	ug/l	98
25) 2-Butanone	7.18	43	168843	305.044	ug/l	98
26) 2,2-Dichloropropane	7.17	77	118323	48.296	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	116035	54.717	ug/l	100
28) Bromochloromethane	7.51	49	98863	64.717	ug/l	95
29) Tetrahydrofuran	7.54	42	106452	314.685	ug/l	98
30) Chloroform	7.68	83	211070	56.437	ug/l	100
31) Cyclohexane	7.96	56	166313	48.494	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	163692	53.026	ug/l	100
36) 1,1-Dichloropropene	8.08	75	155581	52.278	ug/l	100
37) Ethyl Acetate	7.26	43	75413	61.167	ug/l	99
38) Carbon Tetrachloride	8.07	117	151819	52.007	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	175724	51.030	ug/l	98
40) Benzene	8.33	78	451940	55.092	ug/l	100
41) Methacrylonitrile	7.49	41	46635	61.640	ug/l	99
42) 1,2-Dichloroethane	8.40	62	146667	57.066	ug/l	99
43) Isopropyl Acetate	8.43	43	145531	59.447	ug/l	99
44) Trichloroethene	9.10	130	115079	52.942	ug/l	98
45) 1,2-Dichloropropane	9.37	63	120654	57.766	ug/l	98
46) Dibromomethane	9.46	93	61132	57.167	ug/l	98
47) Bromodichloromethane	9.65	83	155789	56.835	ug/l	99
48) Methyl methacrylate	9.44	41	71387	62.049	ug/l	98
49) 1,4-Dioxane	9.49	88	18797	1164.183	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	396021	317.468	ug/l	100
52) Toluene	10.39	92	290077	55.143	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	159778	57.063	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	180657	56.688	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	88530	58.751	ug/l	98
56) Ethyl methacrylate	10.65	69	114136	62.375	ug/l	99
57) 1,3-Dichloropropane	10.94	76	153162	58.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	248306	302.709	ug/l	96
59) 2-Hexanone	10.98	43	278646	319.752	ug/l	100
60) Dibromochloromethane	11.13	129	103397	57.699	ug/l	100
61) 1,2-Dibromoethane	11.24	107	83289	58.433	ug/l	100
64) Tetrachloroethene	10.87	164	101325	51.317	ug/l	98
65) Chlorobenzene	11.66	112	319599	51.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	115327	53.384	ug/l	99
67) Ethyl Benzene	11.74	91	577279	52.975	ug/l	100
68) m/p-Xylenes	11.85	106	440083	106.239	ug/l	100
69) o-Xylene	12.17	106	207164	53.962	ug/l	99
70) Styrene	12.19	104	356961	55.862	ug/l	99
71) Bromoform	12.35	173	62086	55.452	ug/l	100
73) Isopropylbenzene	12.47	105	576601	51.374	ug/l	100
74) N-amyl acetate	12.28	43	146402	57.309	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	107586	56.660	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	146008	105.843	ug/l #	100
77) Bromobenzene	12.76	156	135722	51.924	ug/l	96
78) n-propylbenzene	12.81	91	717890	52.237	ug/l	100
79) 2-Chlorotoluene	12.90	91	408012	52.535	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	495815	52.630	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32383	54.017	ug/l	98
82) 4-Chlorotoluene	12.99	91	429727	52.159	ug/l	100
83) tert-Butylbenzene	13.21	119	420884	52.423	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	511843	52.817	ug/l	100
85) sec-Butylbenzene	13.39	105	614900	51.527	ug/l	100
86) p-Isopropyltoluene	13.51	119	543752	51.661	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	277404	51.662	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	274829	51.484	ug/l	99
89) n-Butylbenzene	13.83	91	530459	51.703	ug/l	99
90) Hexachloroethane	14.10	117	98512	51.739	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	249697	53.086	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18343	57.405	ug/l	98

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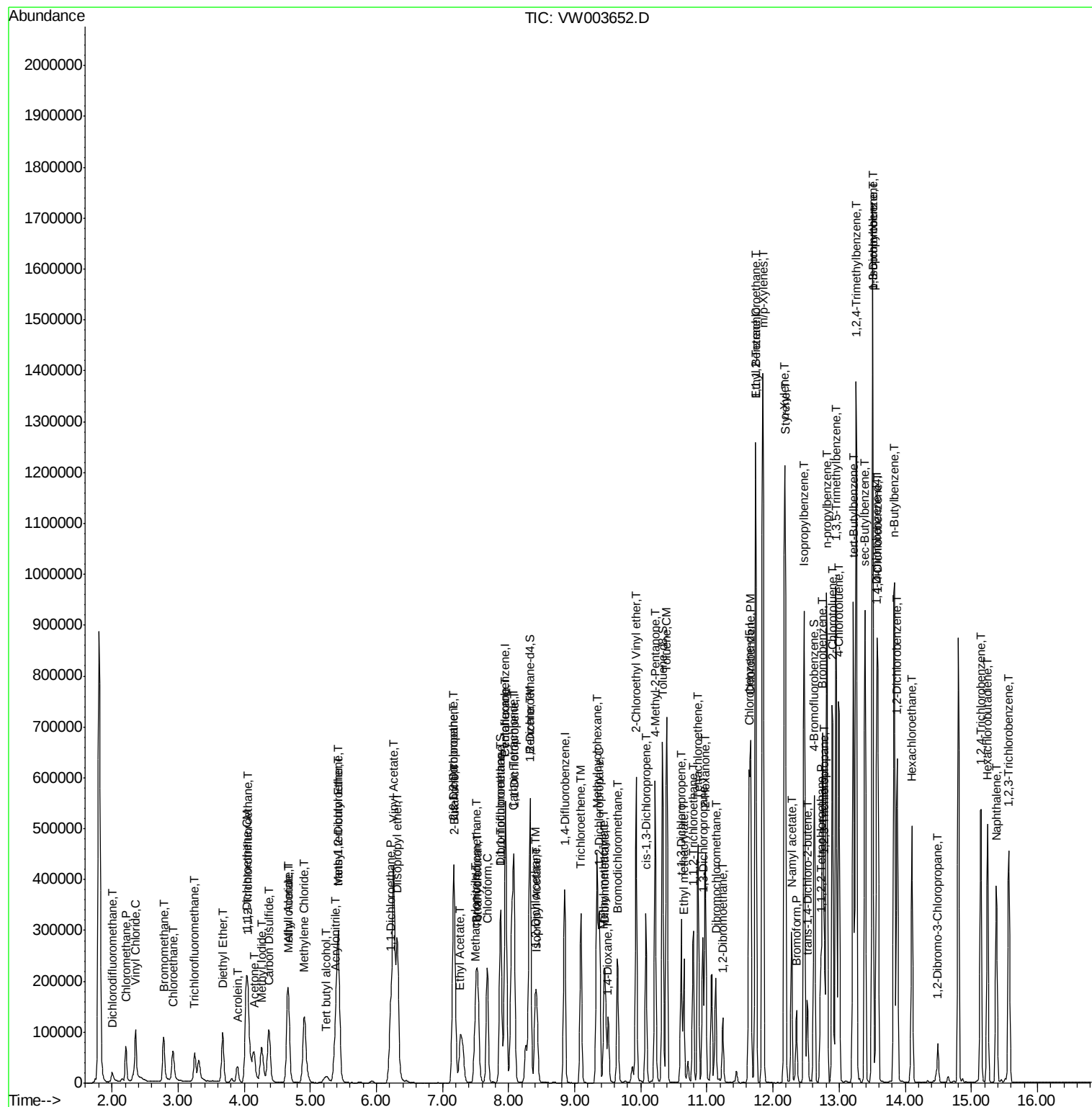
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	173040	52.405	ug/l	98
94) Hexachlorobutadiene	15.25	225	97706	49.191	ug/l	97
95) Naphthalene	15.38	128	318856	56.927	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	154166	53.043	ug/l	99

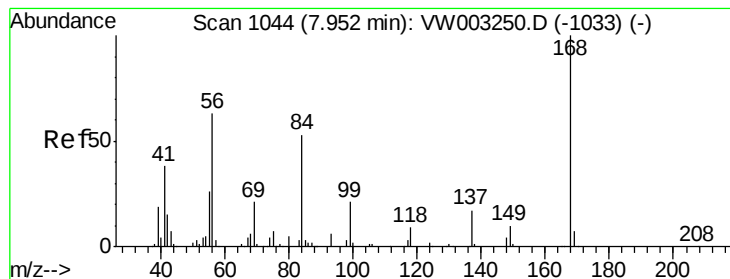
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

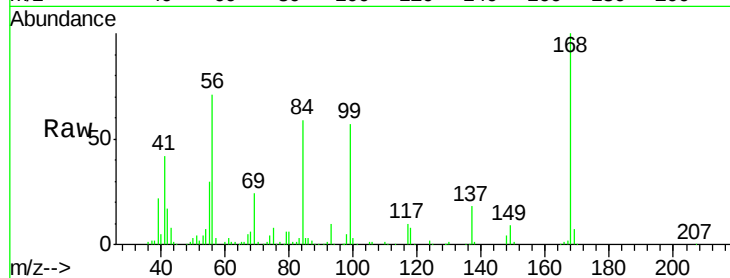
ClientSampled :

Tot Ion:168 Resp: 195944

Ion Ratio Lower Upper

168 100

99 57.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

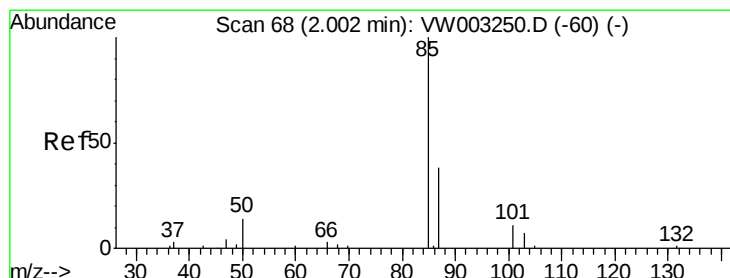
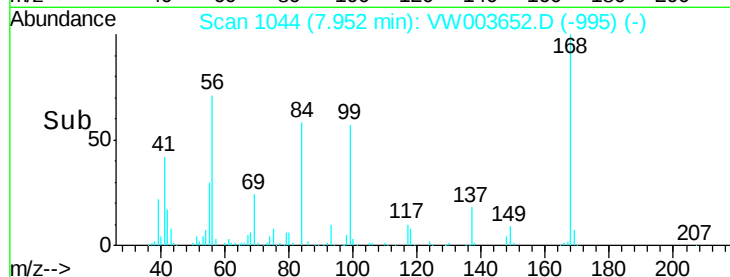
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.722 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003652.D

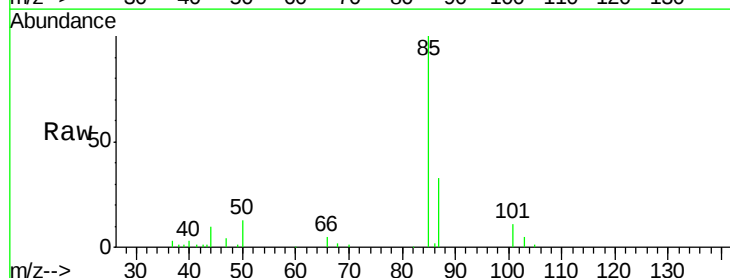
Acq: 28 Jun 2018 21:08

Tgt Ion: 85 Resp: 31232

Ion Ratio Lower Upper

85 100

87 33.4 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

12000

10000

8000

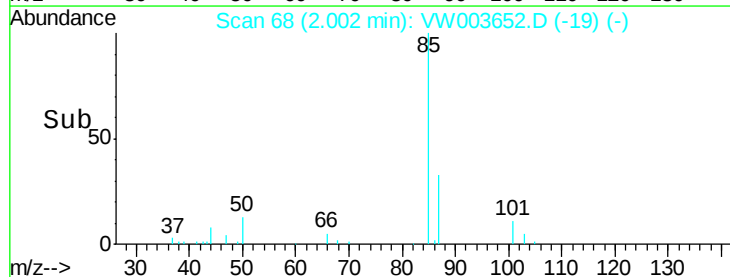
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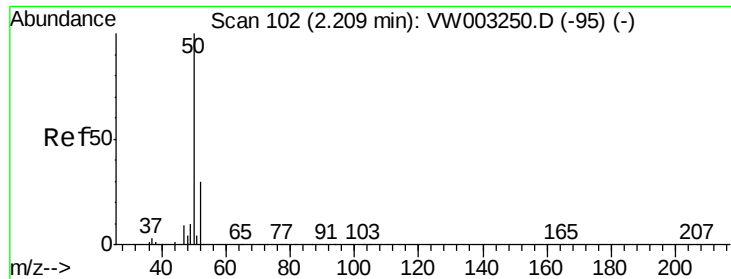
4000

2000

0

Time-->





#3

Chloromethane

Concen: 46.943 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

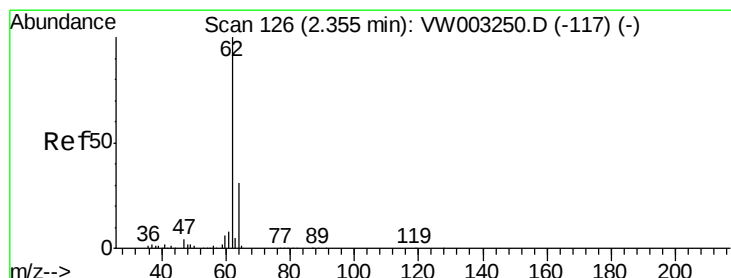
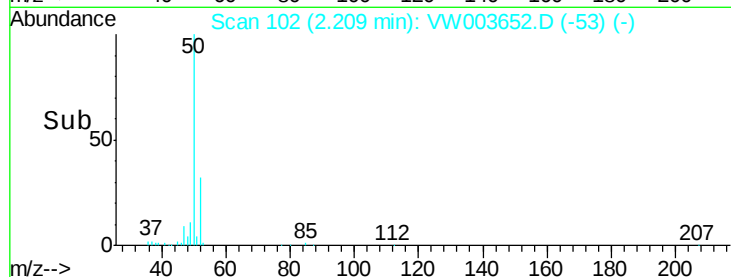
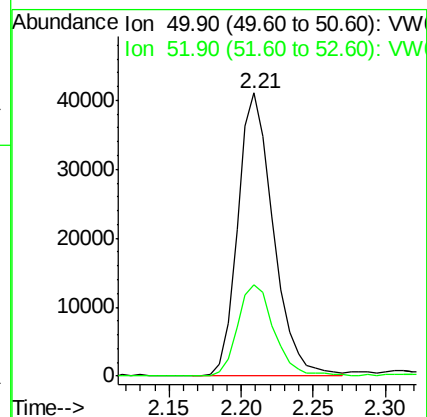
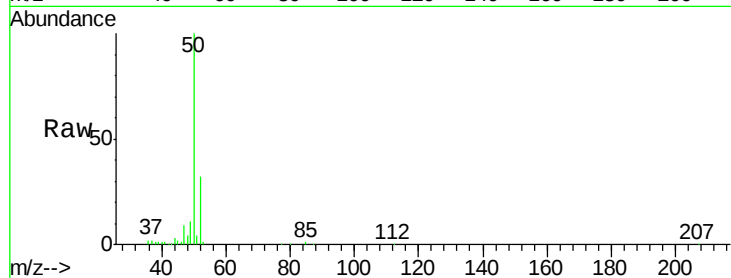
ClientSampleId :

Tot Ion: 50 Resp: 70261

Ion Ratio Lower Upper

50 100

52 32.5 24.2 36.2



#4

Vinyl Chloride

Concen: 47.152 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003652.D

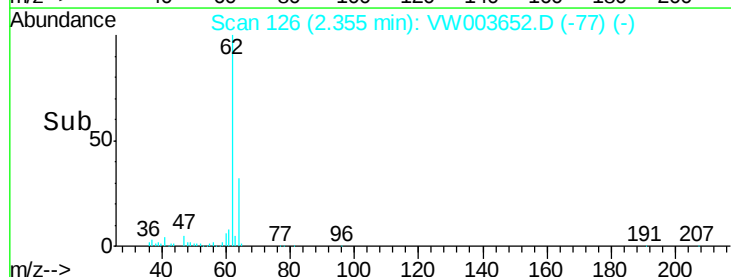
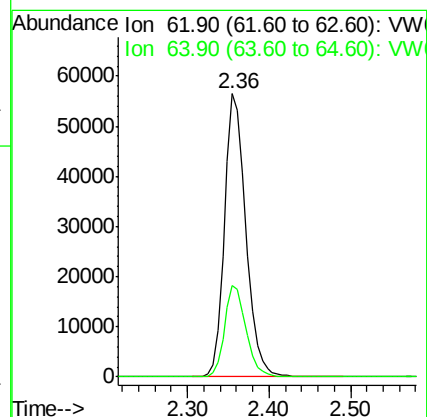
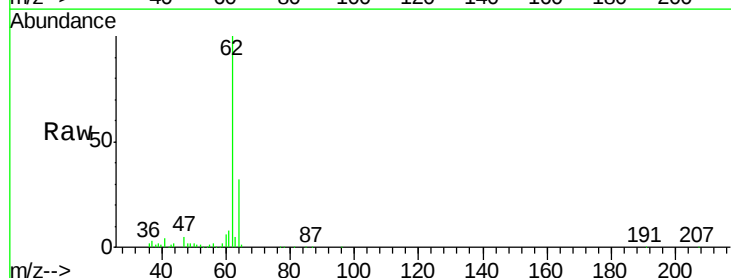
Acq: 28 Jun 2018 21:08

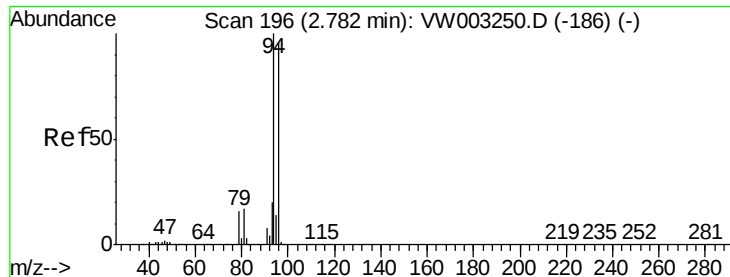
Tgt Ion: 62 Resp: 102881

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3





#5

Bromomethane

Concen: 45.882 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

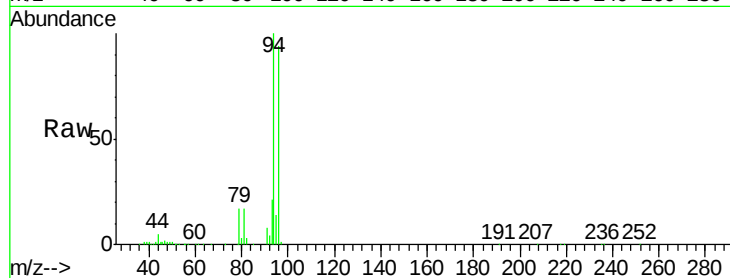
ClientSampleId :

Tot Ion: 94 Resp: 66539

Ion Ratio Lower Upper

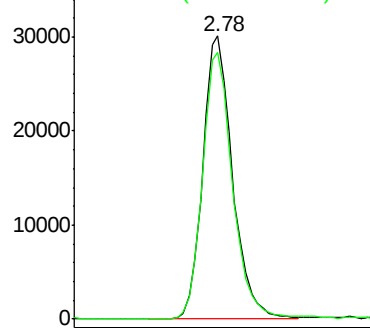
94 100

96 94.4 76.5 114.7

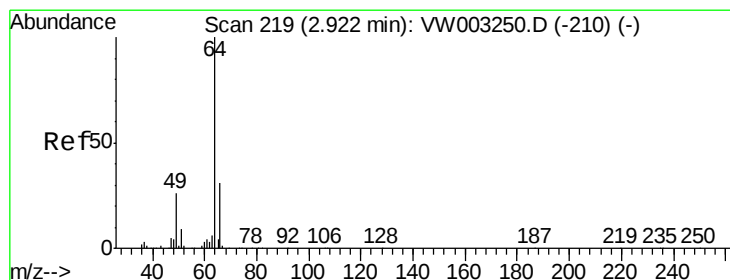
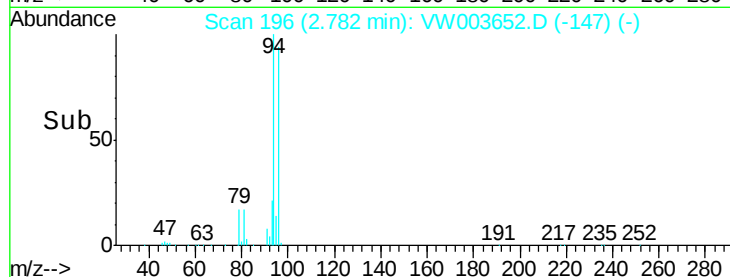


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->



#6

Chloroethane

Concen: 45.266 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003652.D

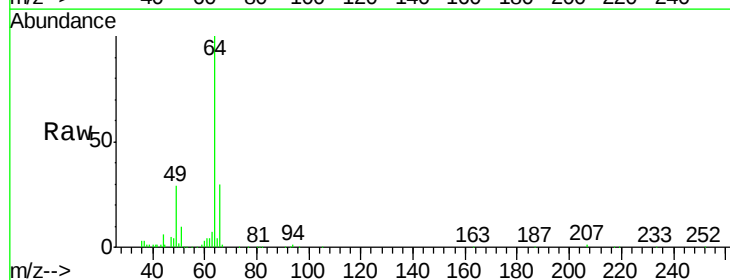
Acq: 28 Jun 2018 21:08

Tgt Ion: 64 Resp: 68749

Ion Ratio Lower Upper

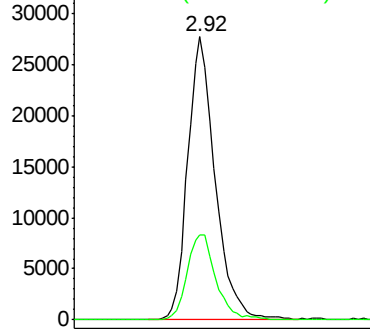
64 100

66 30.1 24.4 36.6

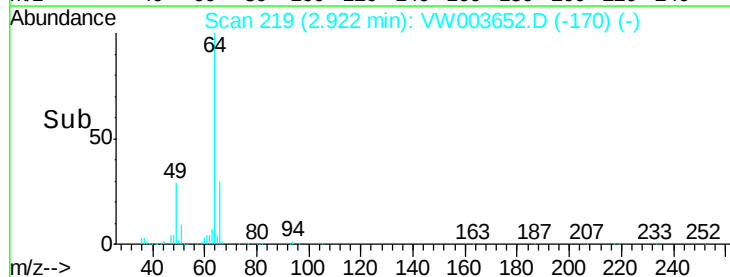


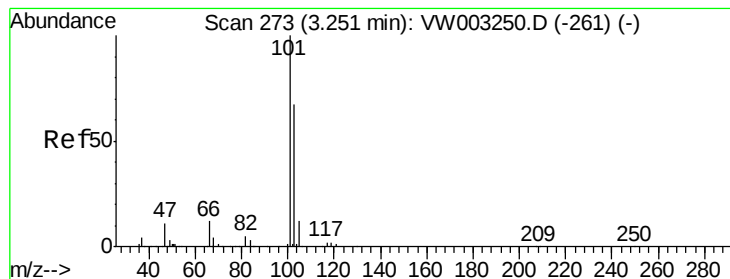
Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



Time-->



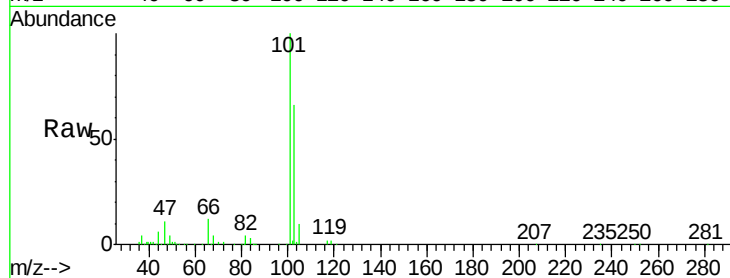


#7

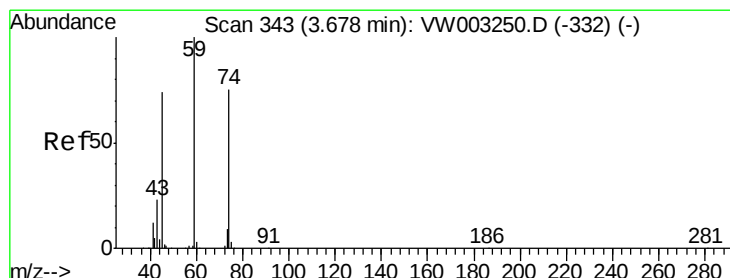
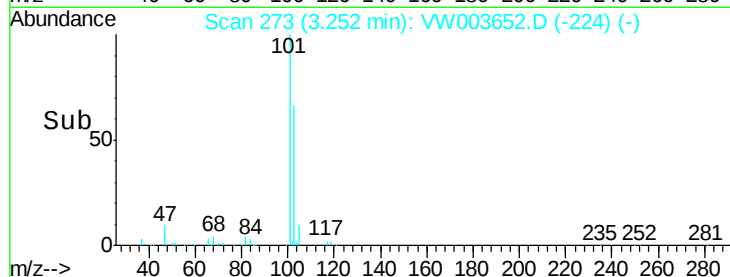
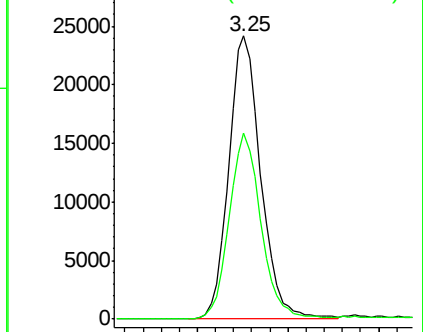
Trichlorofluoromethane
 Concen: 45.241 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:101 Resp: 59136
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.4 80.0



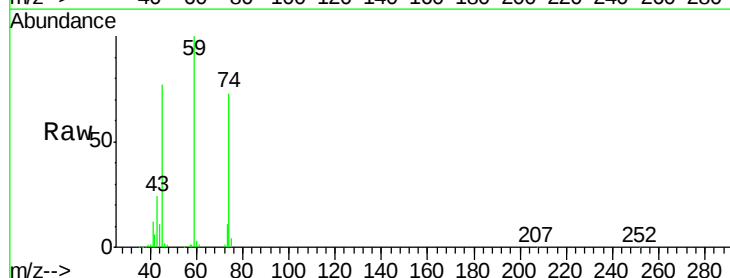
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



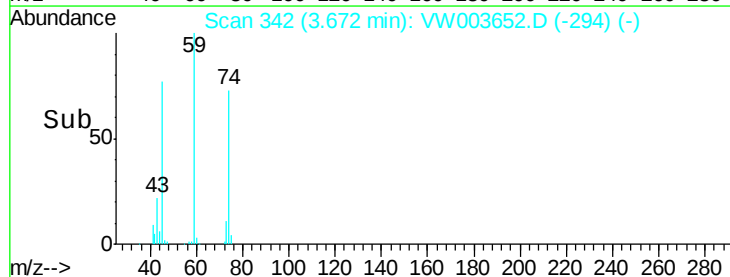
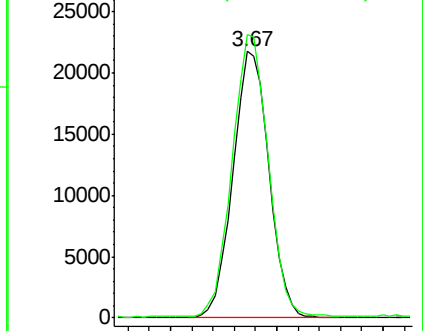
#8

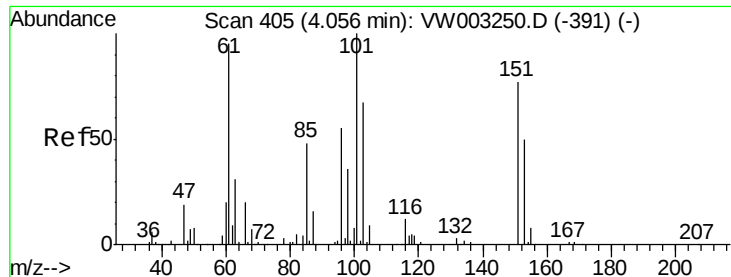
Diethyl Ether
 Concen: 53.941 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VW003652.D
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Tgt Ion: 74 Resp: 51796
 Ion Ratio Lower Upper
 74 100
 45 106.3 51.4 154.2



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: 51.396 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampled :

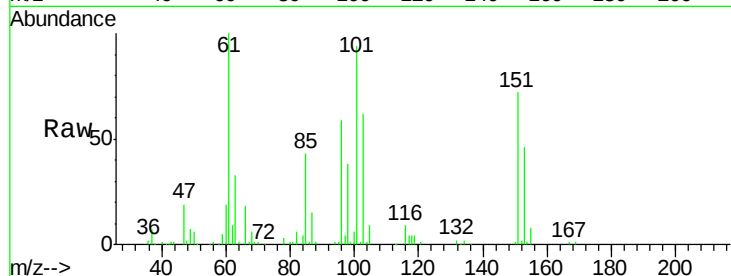
Tot Ion:101 Resp: 93290

Ion Ratio Lower Upper

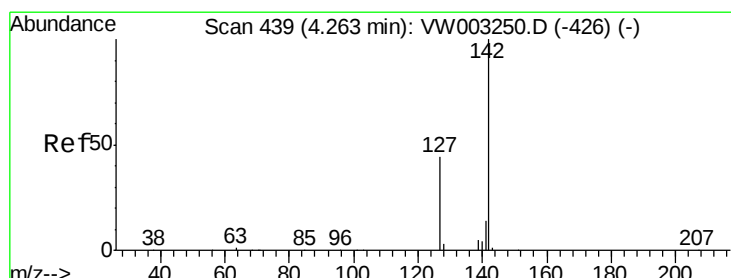
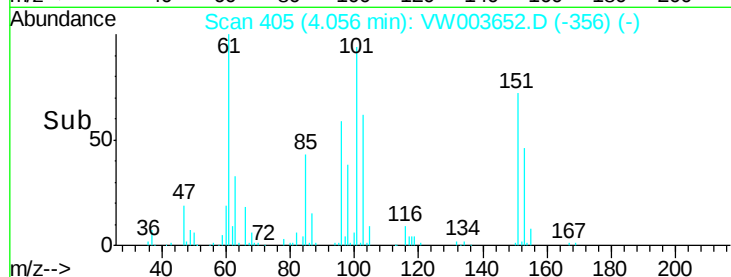
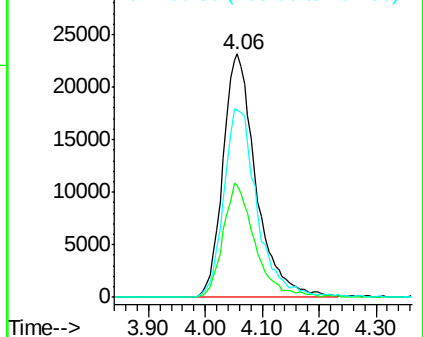
101 100

85 45.2 37.0 55.6

151 78.8 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: 50.902 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

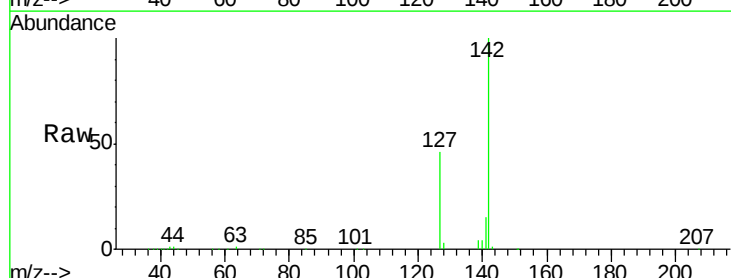
Tgt Ion:142 Resp: 139730

Ion Ratio Lower Upper

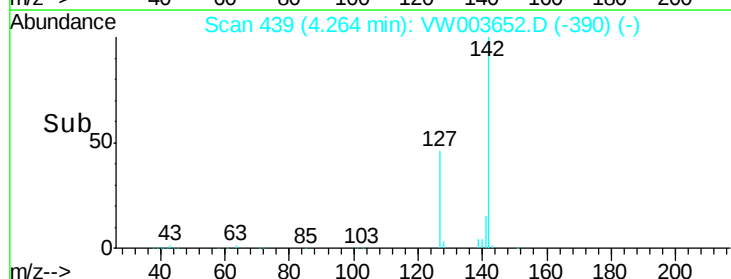
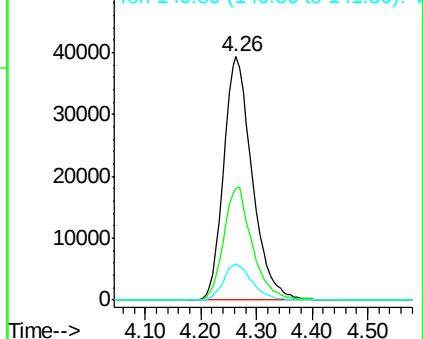
142 100

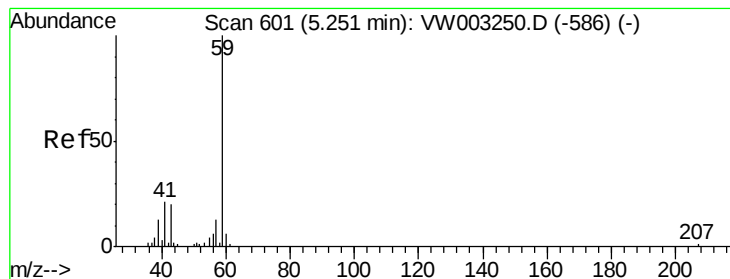
127 46.3 36.5 54.7

141 15.0 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



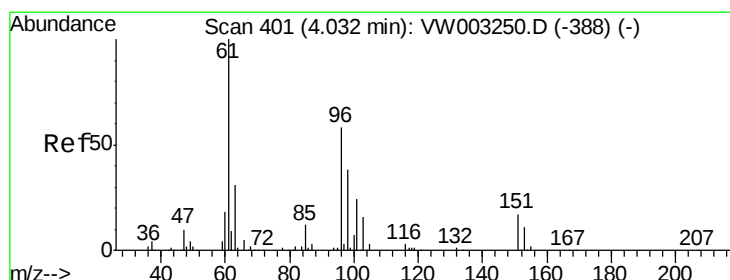
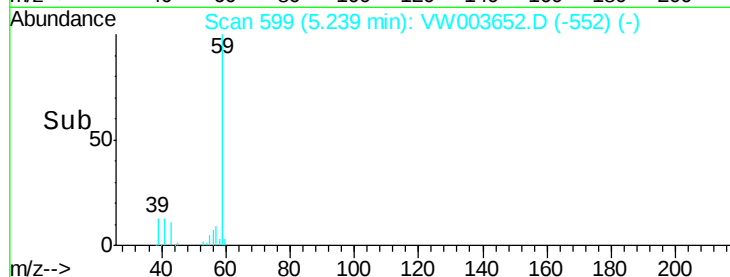
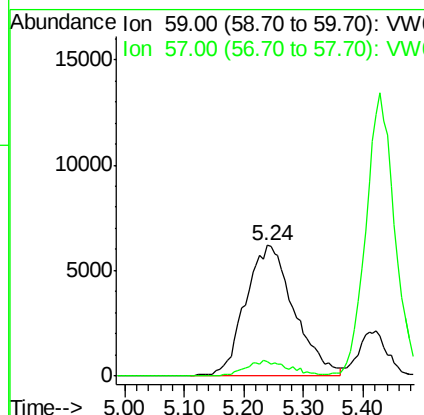
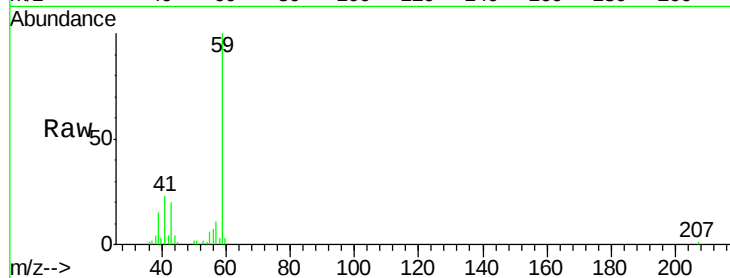


#11

Tert butyl alcohol
Concen: 308.316 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampled :

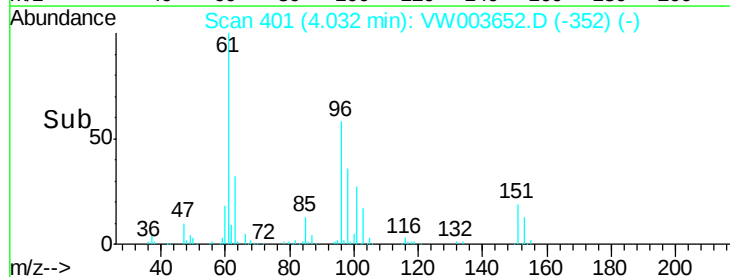
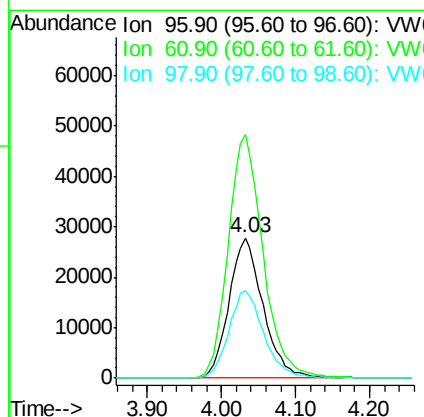
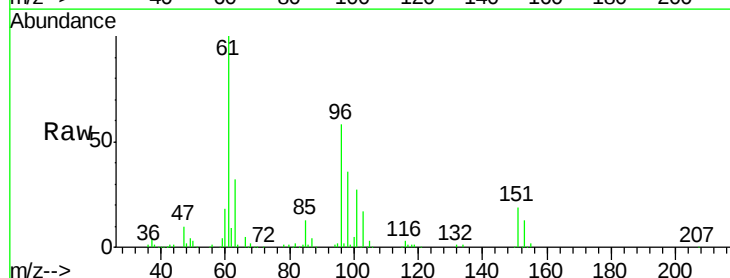
Tot Ion: 59 Resp: 35094
Ion Ratio Lower Upper
59 100
57 8.7 4.2 6.2#

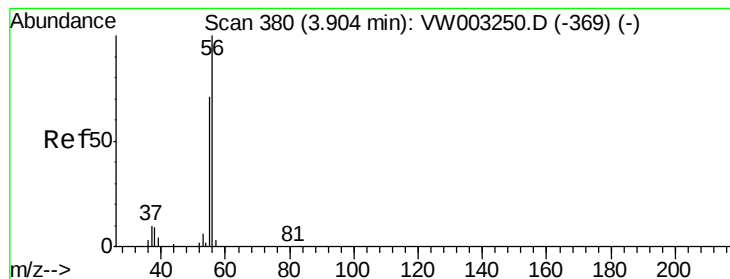


#12

1,1-Dichloroethene
Concen: 50.217 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 96 Resp: 89074
Ion Ratio Lower Upper
96 100
61 173.6 139.0 208.4
98 62.5 53.3 79.9





#13

Acrolein

Concen: 233.687 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

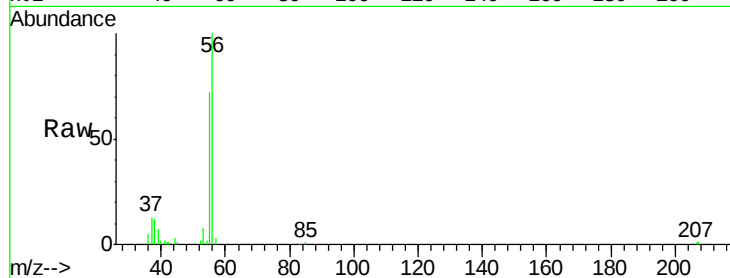
ClientSampleId :

Tot Ion: 56 Resp: 38030

Ion Ratio Lower Upper

56 100

55 73.7 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

15000

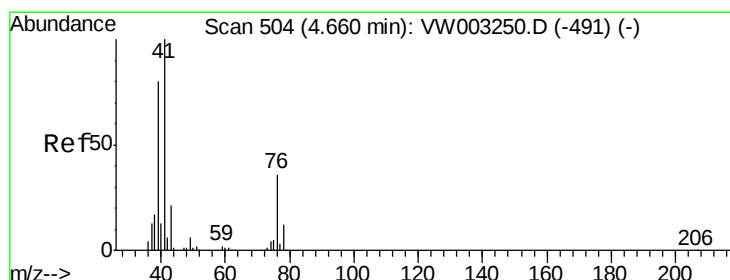
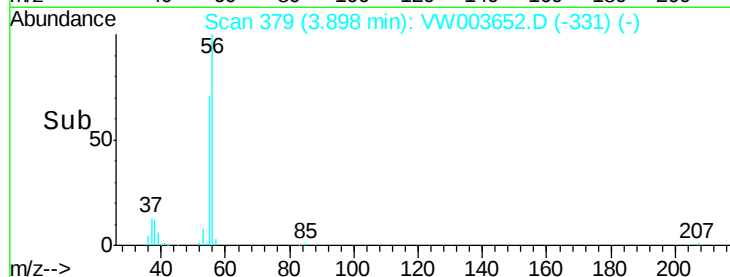
10000

5000

0

3.80 3.90 4.00

Time-->



#14

Allyl chloride

Concen: 54.044 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

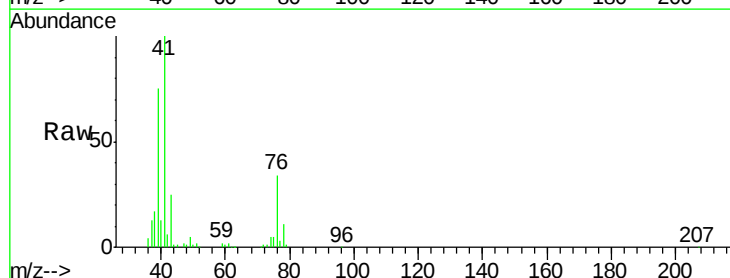
Tgt Ion: 41 Resp: 166049

Ion Ratio Lower Upper

41 100

39 75.5 63.2 94.8

76 33.7 28.0 42.0



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

60000

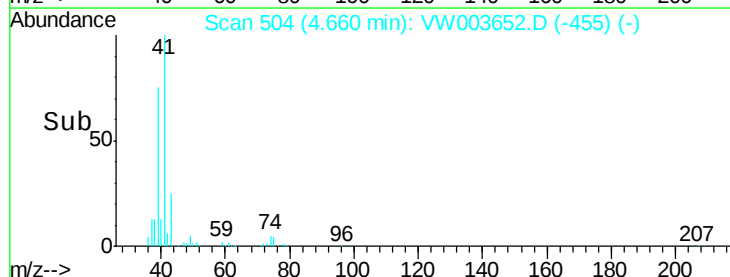
40000

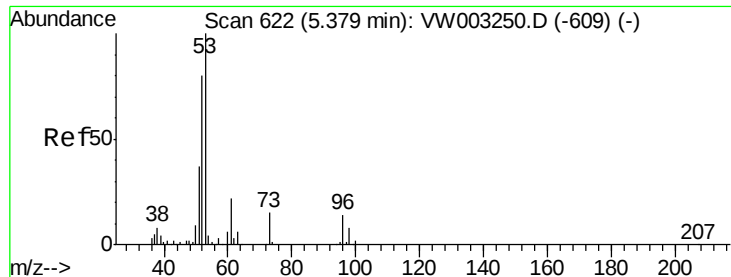
20000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 308.670 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

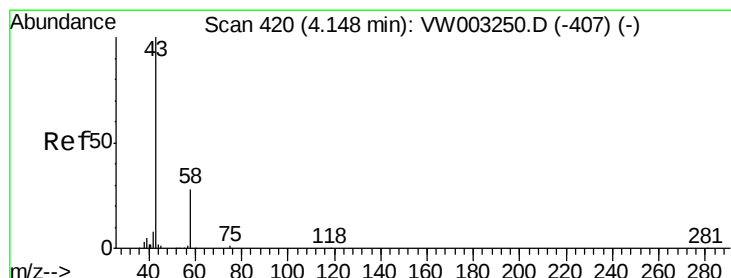
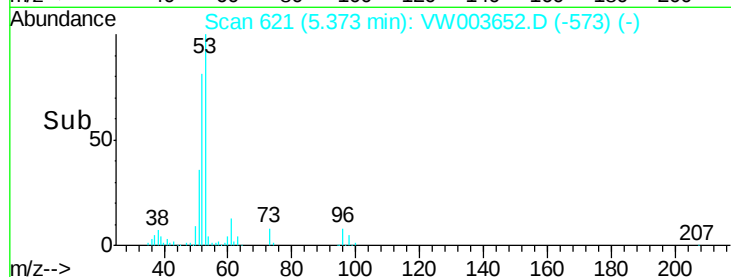
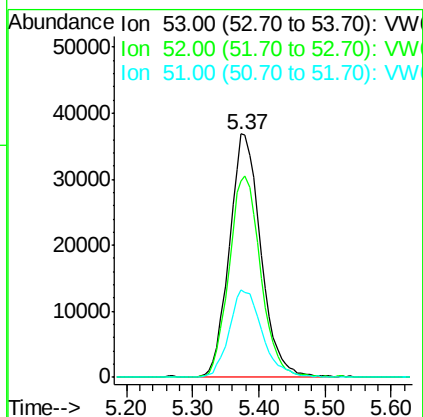
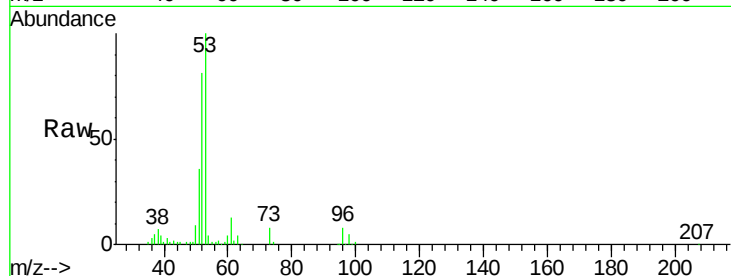
Tot Ion: 53 Resp: 121947

Ion Ratio Lower Upper

53 100

52 83.0 66.6 100.0

51 37.9 30.6 46.0



#16

Acetone

Concen: 256.797 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003652.D

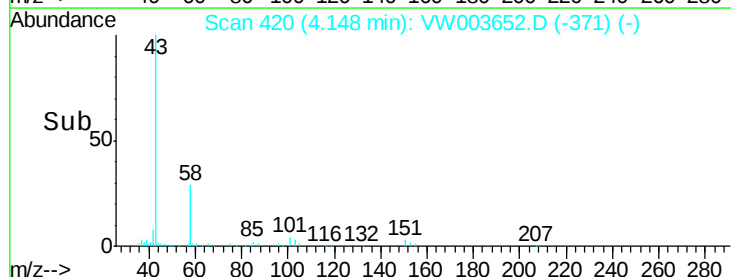
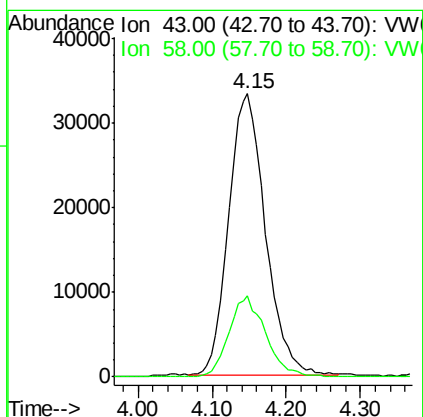
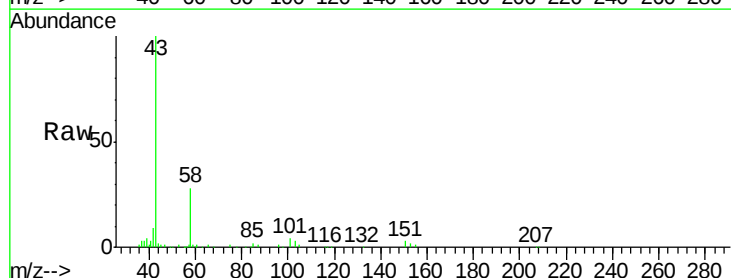
Acq: 28 Jun 2018 21:08

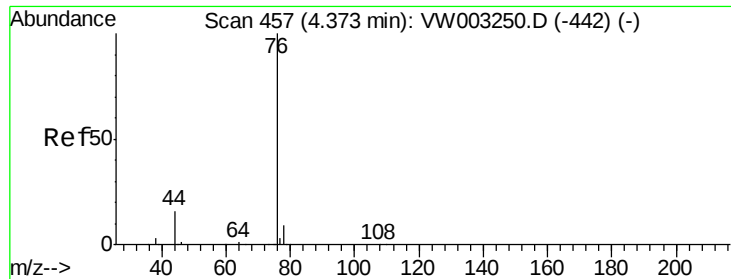
Tgt Ion: 43 Resp: 114307

Ion Ratio Lower Upper

43 100

58 28.4 22.6 34.0





#17

Carbon Disulfide

Concen: 47.506 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

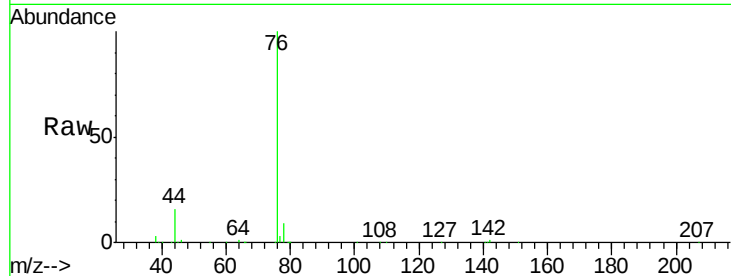
ClientSampleId :

Tot Ion: 76 Resp: 249118

Ion Ratio Lower Upper

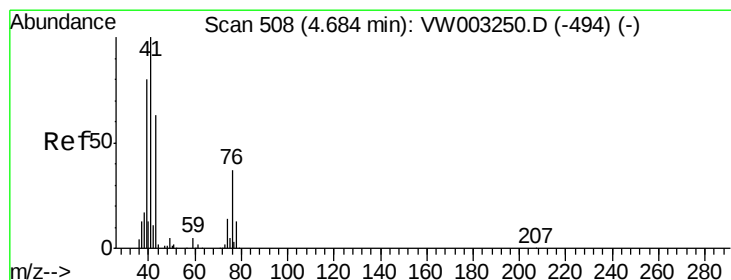
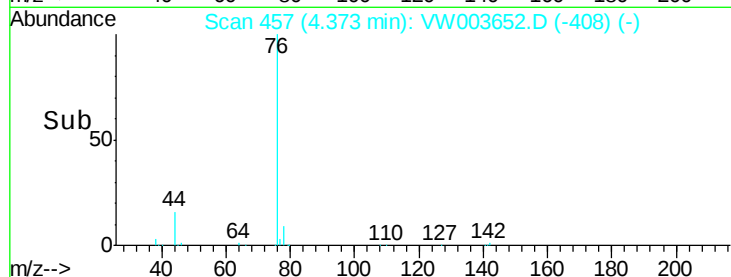
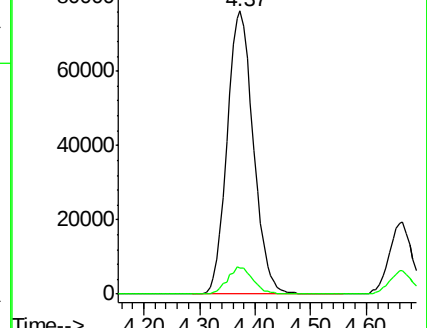
76 100

78 9.3 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: 64.884 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003652.D

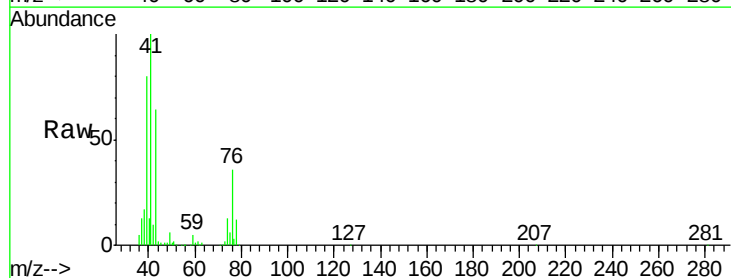
Acq: 28 Jun 2018 21:08

Tgt Ion: 43 Resp: 68516

Ion Ratio Lower Upper

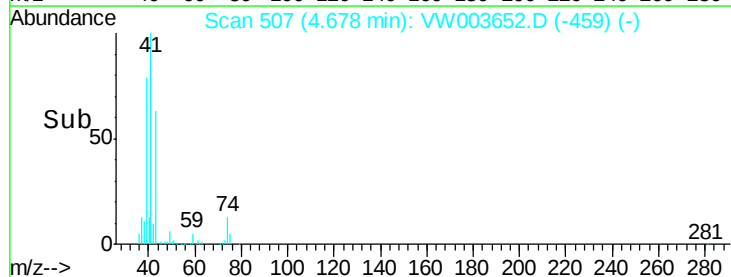
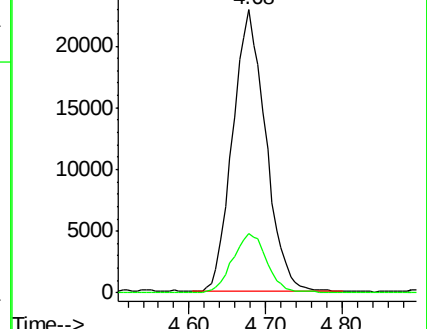
43 100

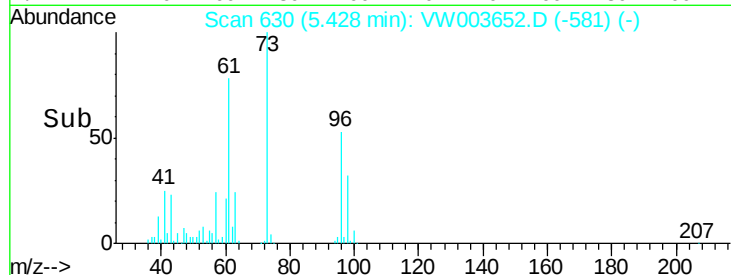
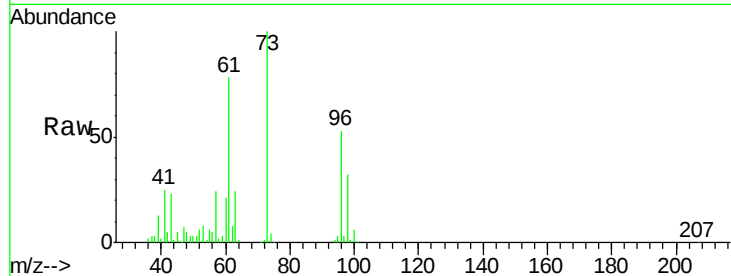
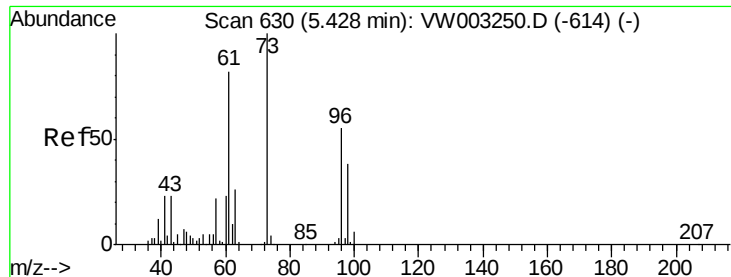
74 21.8 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

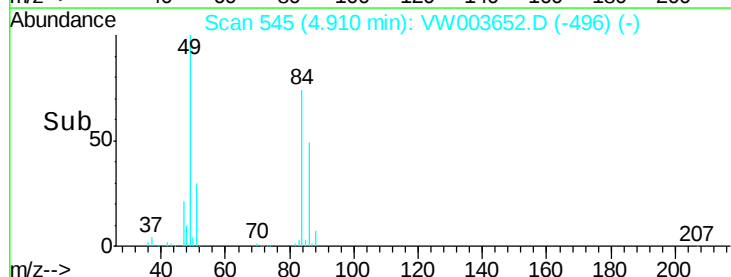
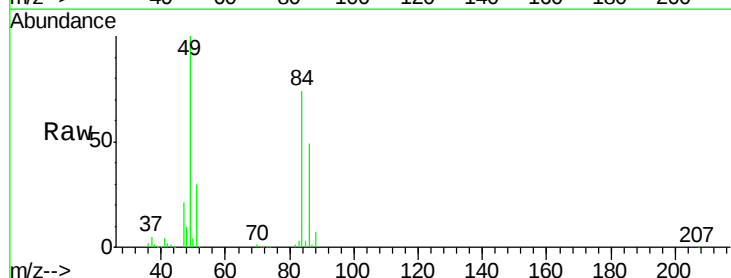
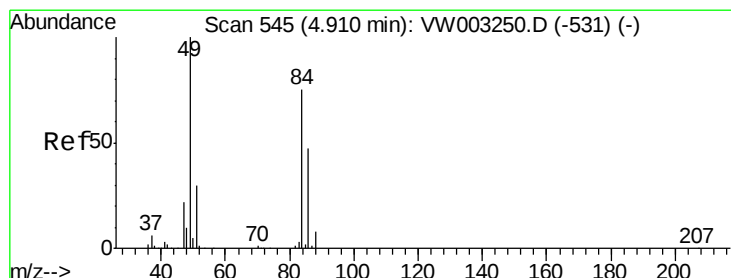
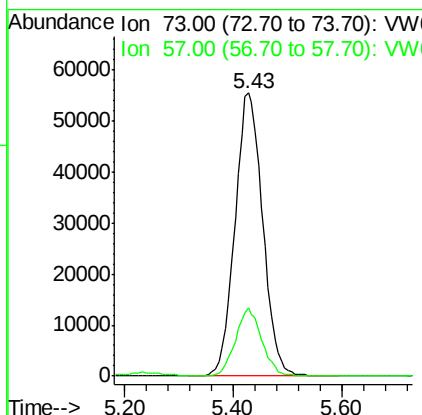
Ion 74.00 (73.70 to 74.70): VW





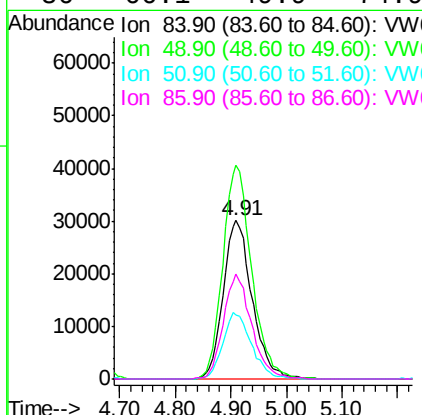
#19
Methvl tert-butvl Ether
Concen: 59.219 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

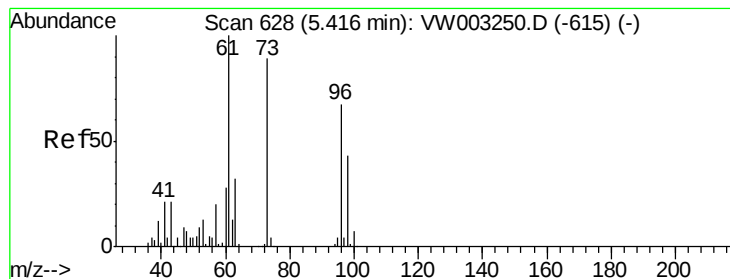
Tot Ion: 73 Resp: 196737
Ion Ratio Lower Upper
73 100
57 24.2 18.0 27.0



#20
Methylene Chloride
Concen: 57.727 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 84 Resp: 108082
Ion Ratio Lower Upper
84 100
49 134.9 106.3 159.5
51 40.4 32.0 48.0
86 66.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.169 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :

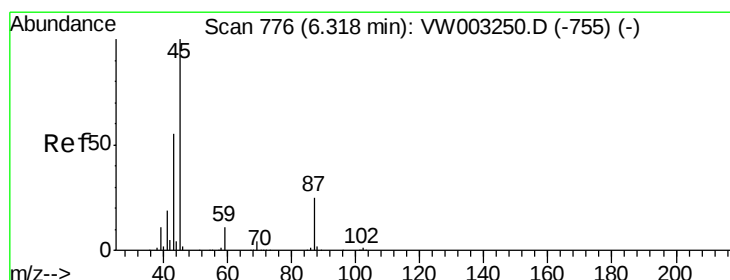
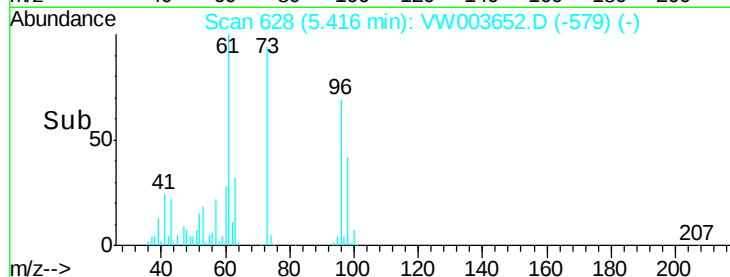
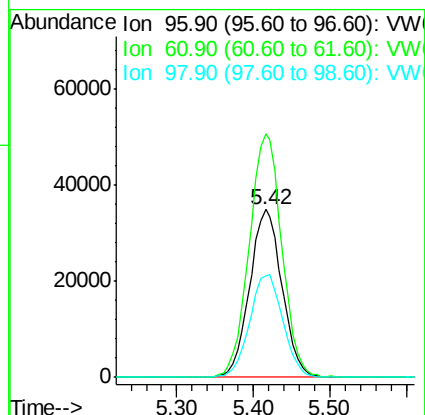
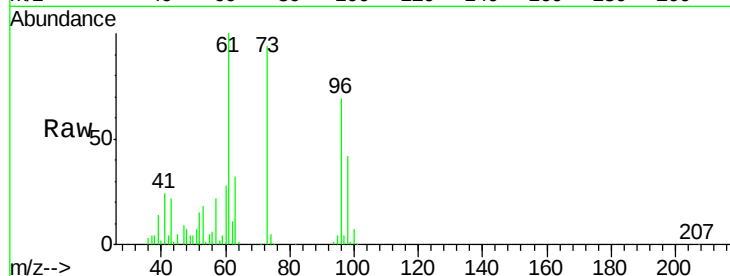
Tot Ion: 96 Resp: 102640

Ion Ratio Lower Upper

96 100

61 144.9 118.7 178.1

98 60.6 51.0 76.6



#22

Diisopropyl ether

Concen: 58.230 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion: 45 Resp: 360077

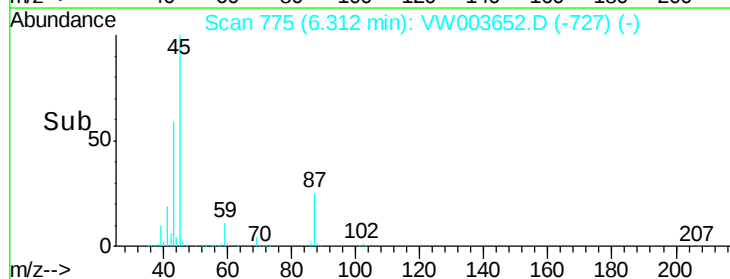
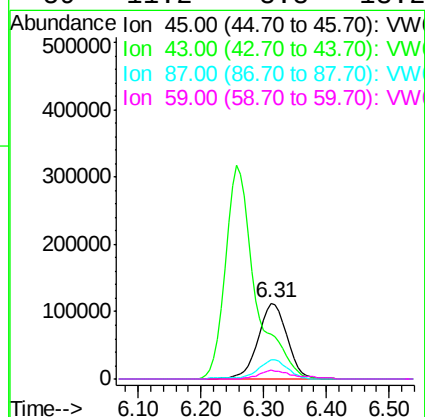
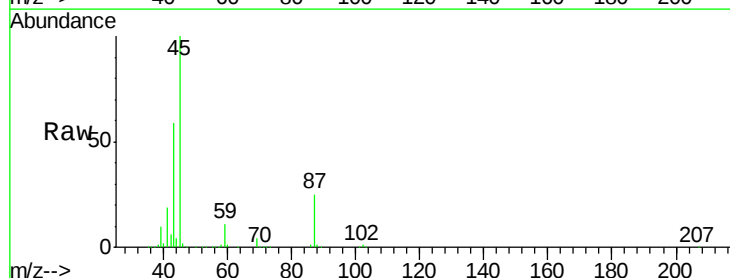
Ion Ratio Lower Upper

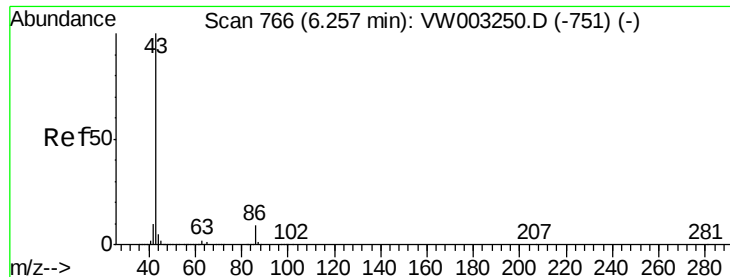
45 100

43 59.1 44.0 66.0

87 25.3 20.6 31.0

59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 293.311 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

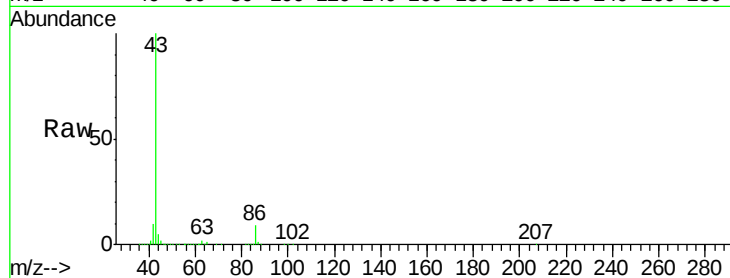
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1045191

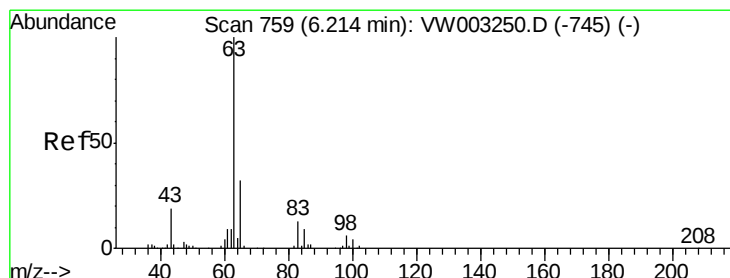
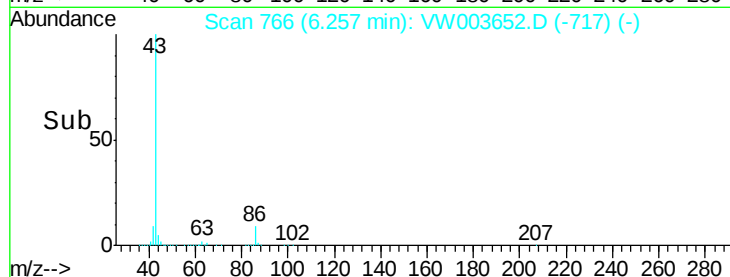
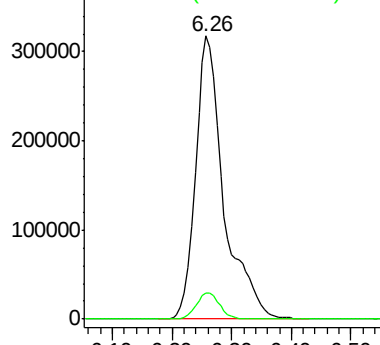
Ion Ratio Lower Upper

43 100

86 9.2 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: 54.862 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

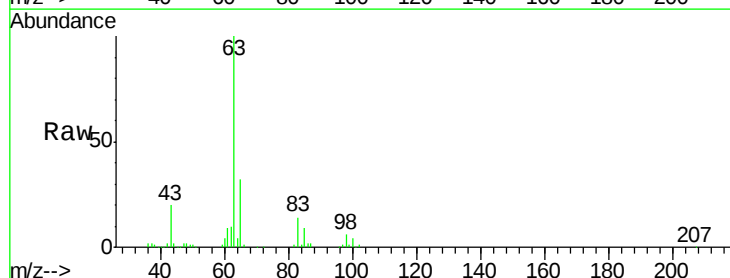
Tgt Ion: 63 Resp: 201395

Ion Ratio Lower Upper

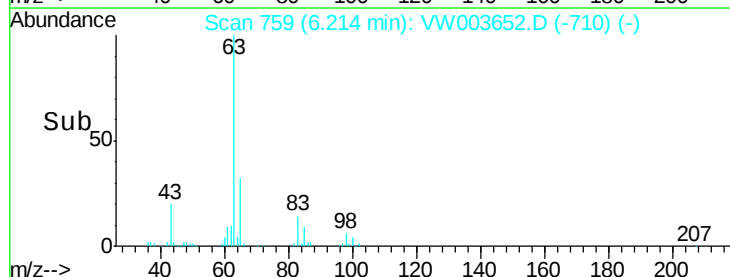
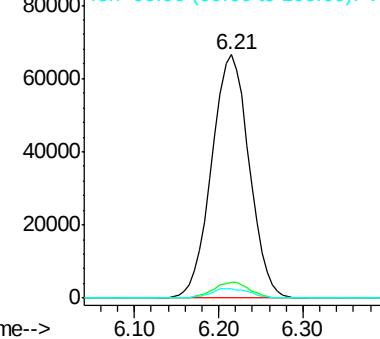
63 100

98 6.4 2.8 8.3

100 3.7 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: 305.044 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

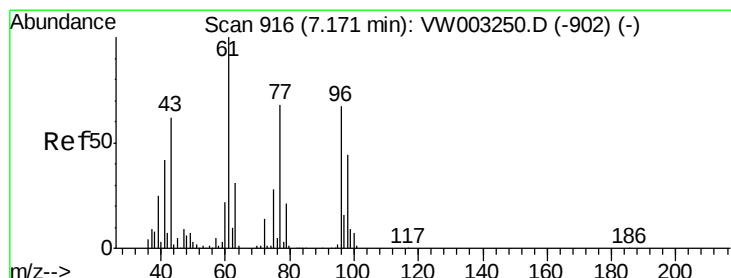
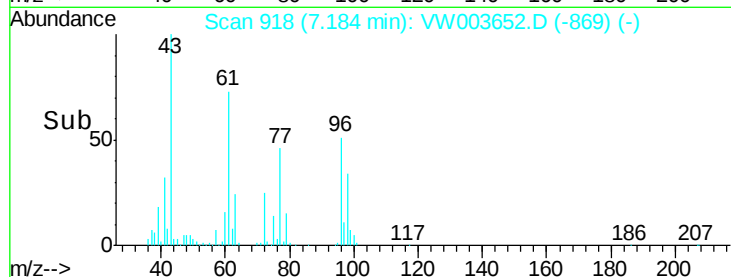
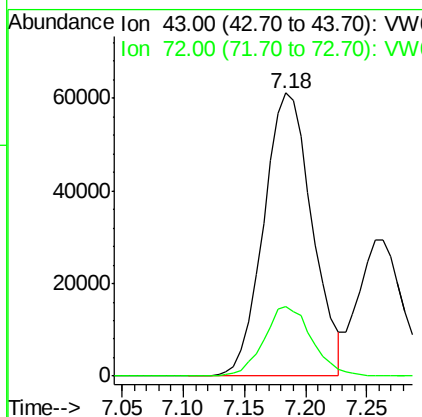
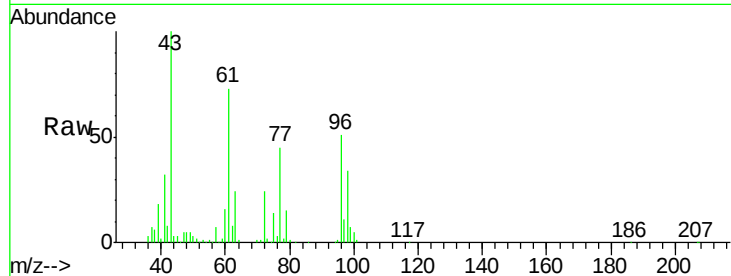
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 168843

Ion Ratio Lower Upper

43 100

72 24.5 20.3 30.5



#26

2,2-Dichloropropane

Concen: 48.296 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003652.D

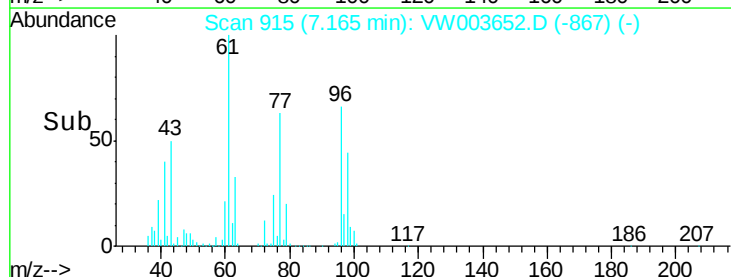
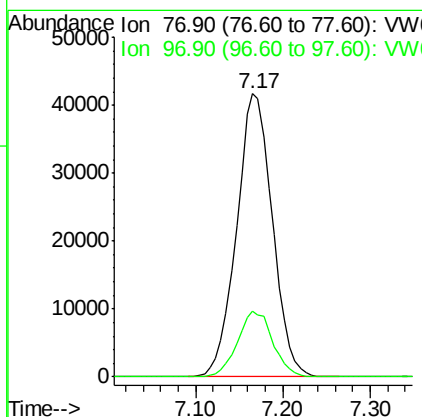
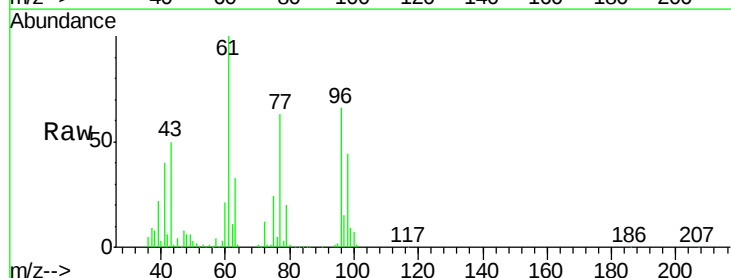
Acq: 28 Jun 2018 21:08

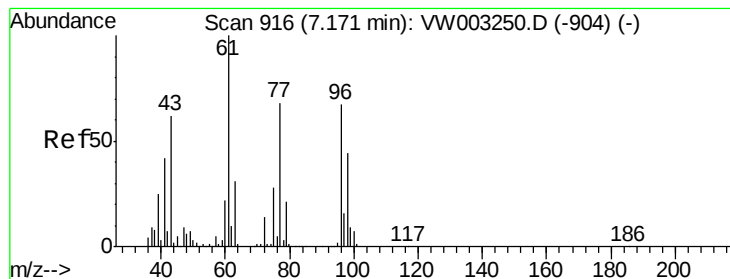
Tgt Ion: 77 Resp: 118323

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 54.717 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :

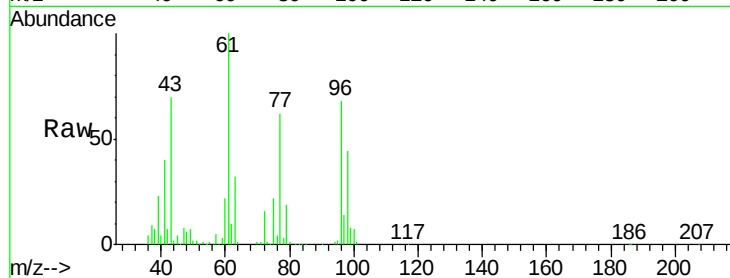
Tot Ion: 96 Resp: 116035

Ion Ratio Lower Upper

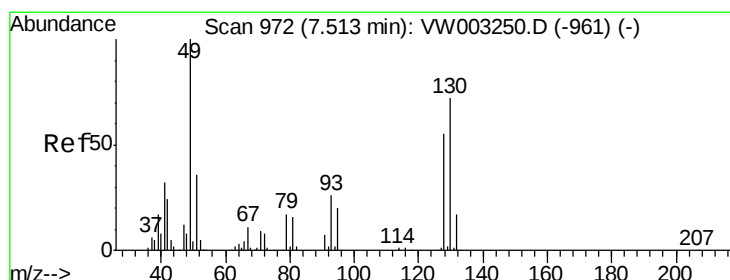
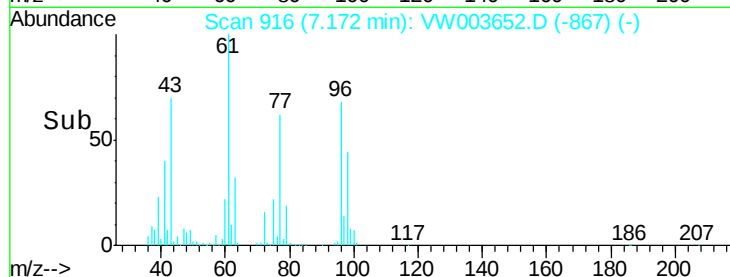
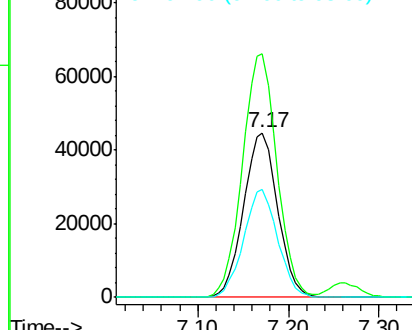
96 100

61 150.1 0.0 298.8

98 65.5 0.0 130.4



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



#28

Bromochloromethane

Concen: 64.717 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

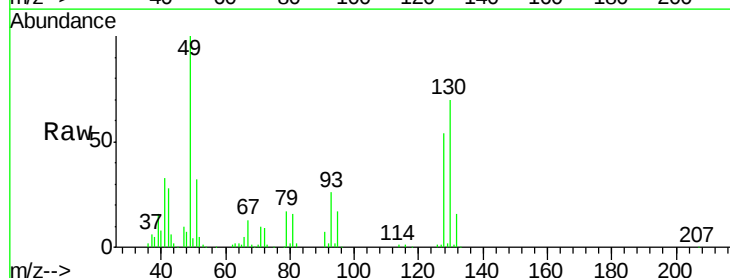
Tgt Ion: 49 Resp: 98863

Ion Ratio Lower Upper

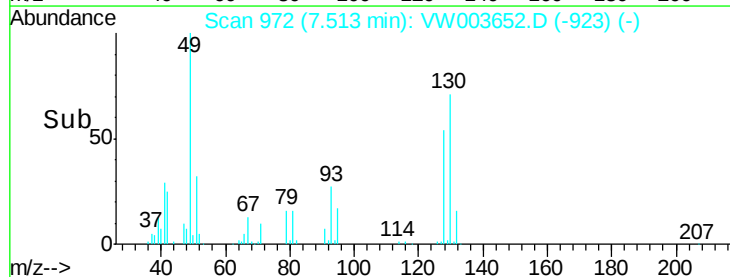
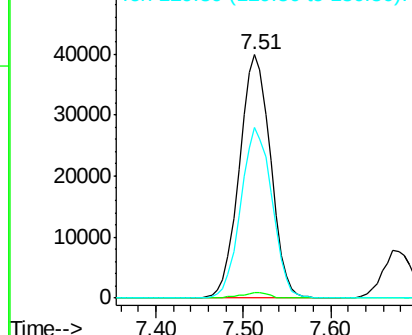
49 100

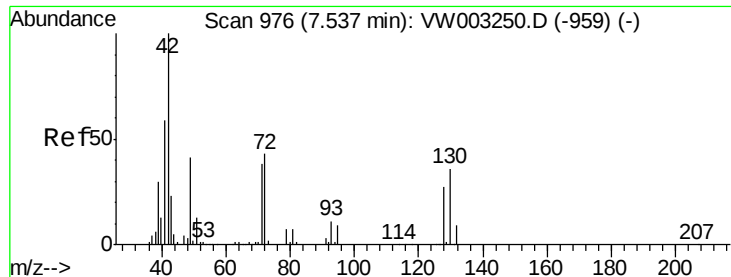
129 1.9 0.0 4.6

130 70.4 59.4 89.2



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

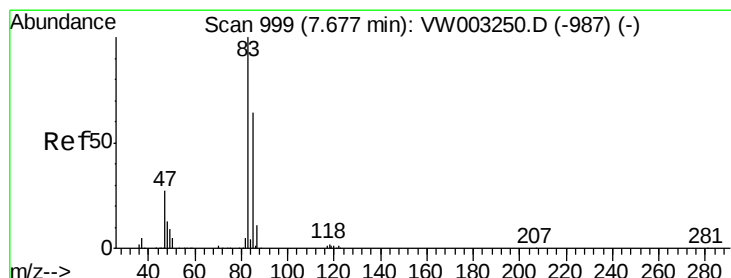
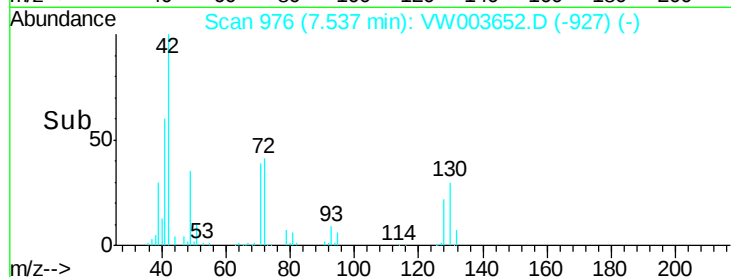
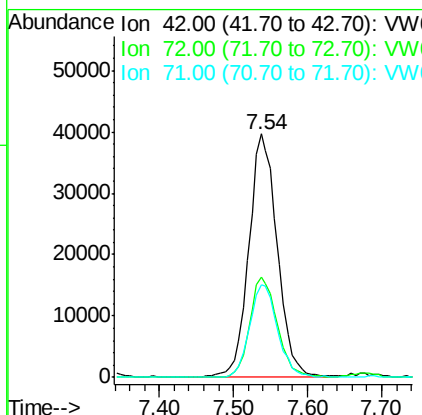
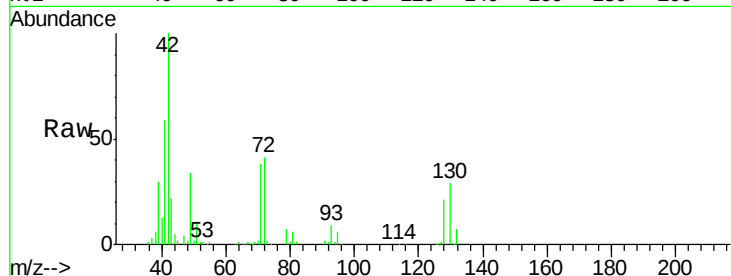




#29
Tetrahydrofuran
Concen: 314.685 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

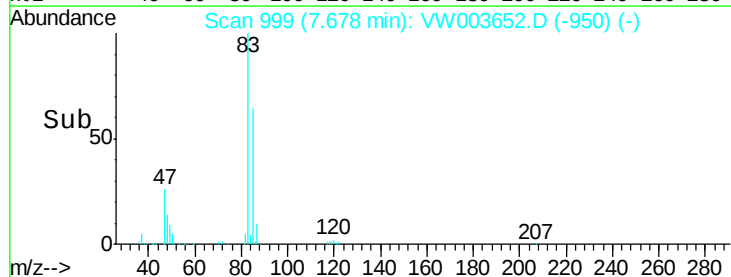
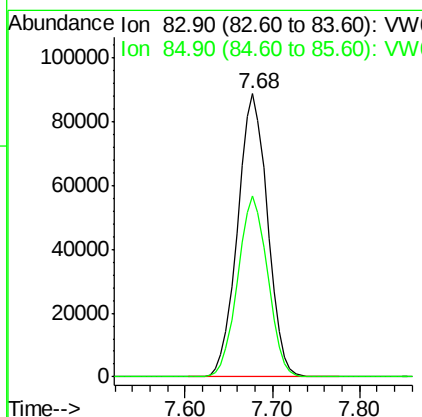
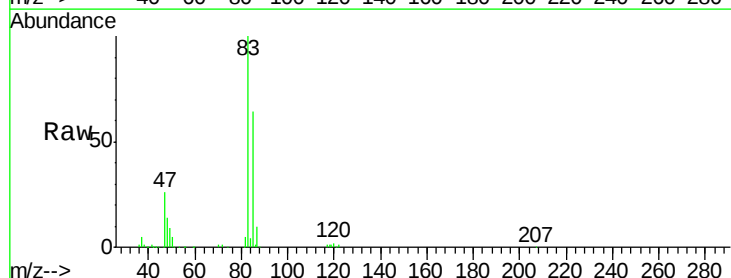
Instrument :
MSVOA_W
ClientSampled :

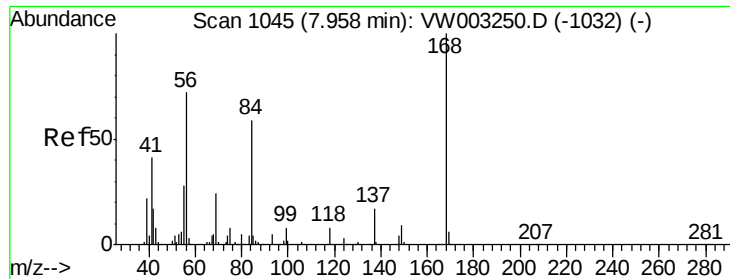
Tot Ion: 42 Resp: 106452
Ion Ratio Lower Upper
42 100
72 39.8 32.4 48.6
71 37.1 31.2 46.8



#30
Chloroform
Concen: 56.437 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 83 Resp: 211070
Ion Ratio Lower Upper
83 100
85 63.8 51.3 76.9

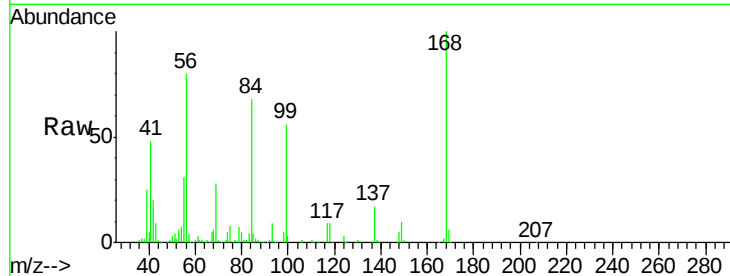




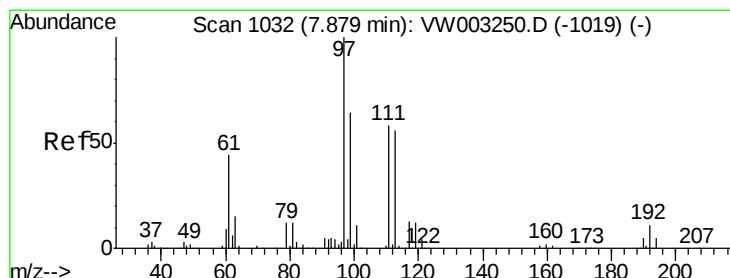
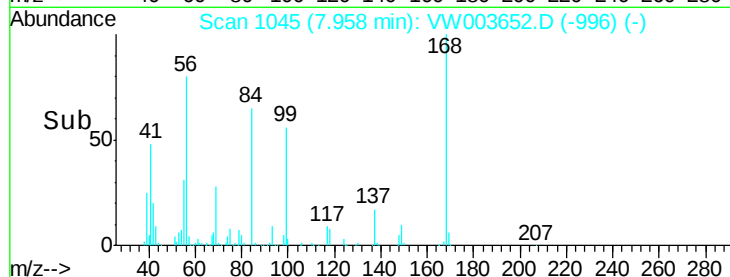
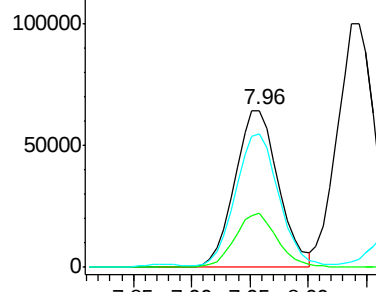
#31
Cyclohexane
Concen: 48.494 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 166313
Ion Ratio Lower Upper
56 100
69 34.8 26.3 39.5
84 82.9 65.7 98.5

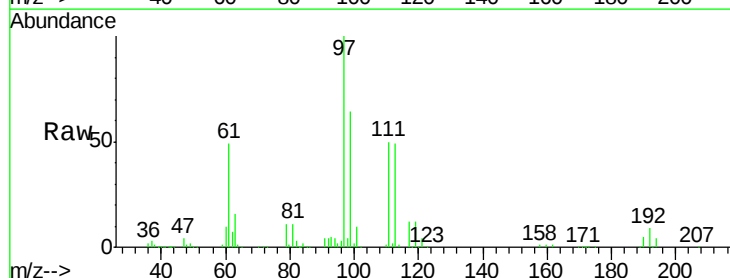


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

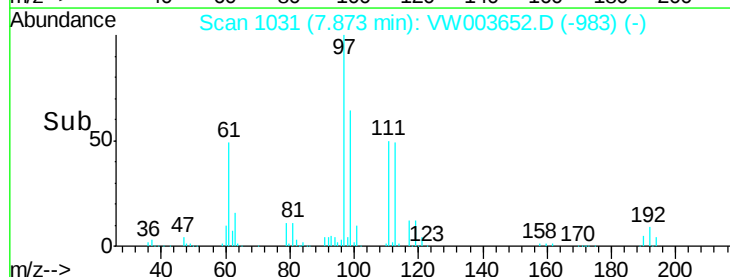
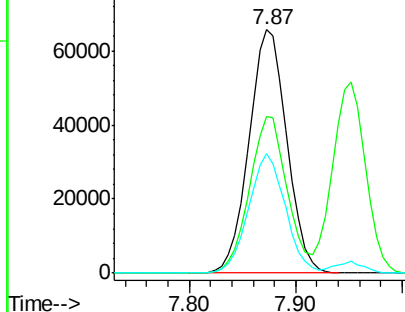


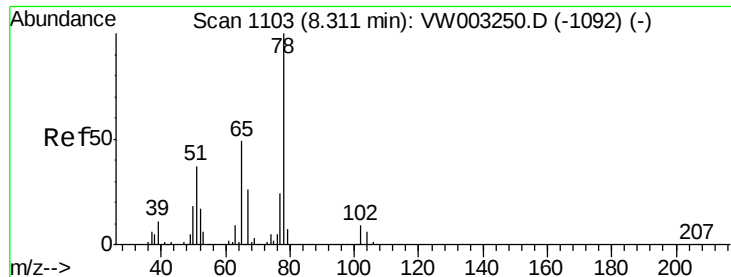
#32
1,1,1-Trichloroethane
Concen: 53.026 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 97 Resp: 163692
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 47.6 37.6 56.4



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

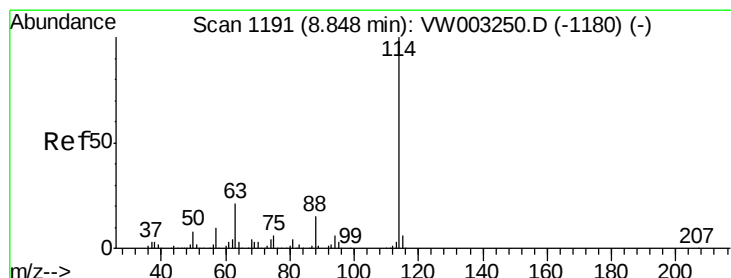
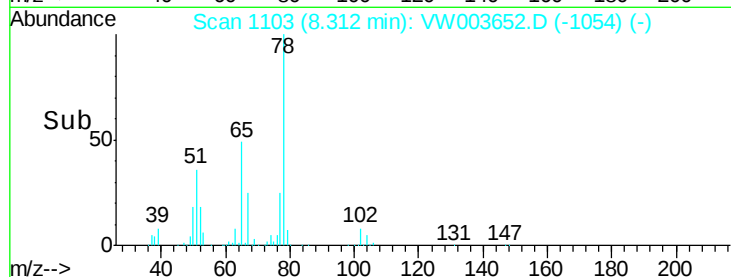
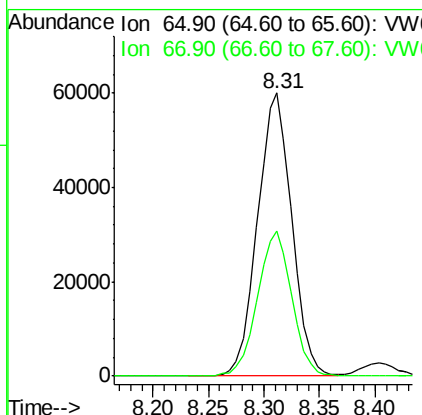
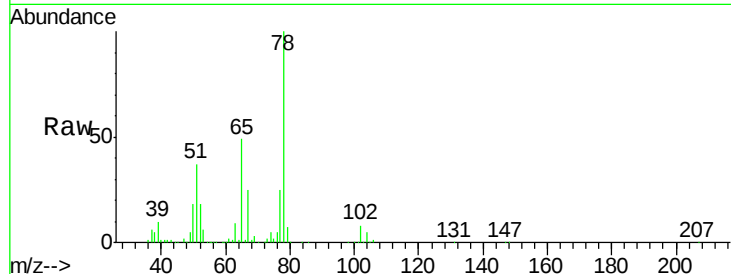




#33
 1,2-Dichloroethane-d4
 Concen: 60.583 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

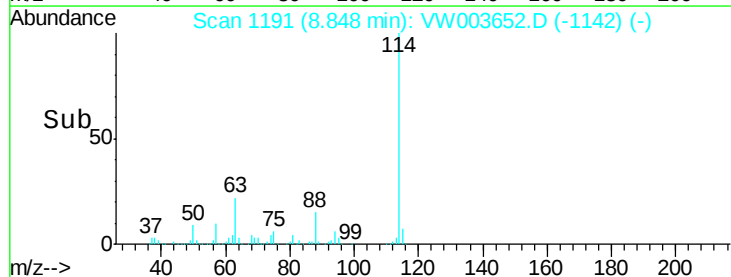
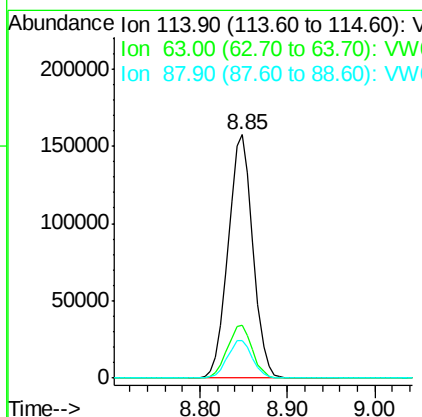
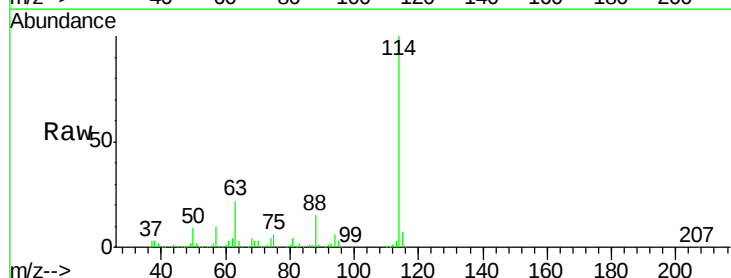
Instrument :
 MSVOA_W
 ClientSampleId :

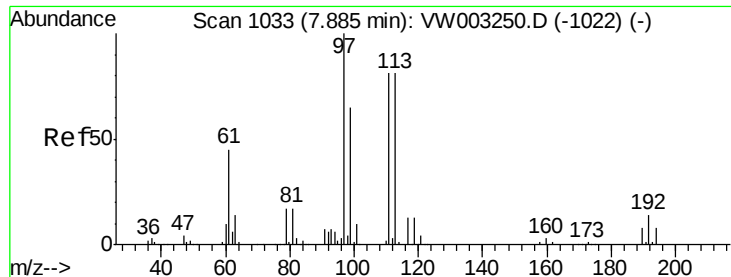
Tot Ion: 65 Resp: 128580
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion: 114 Resp: 308163
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 15.5 0.0 29.6

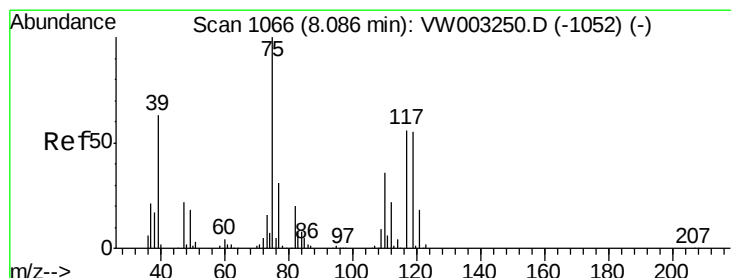
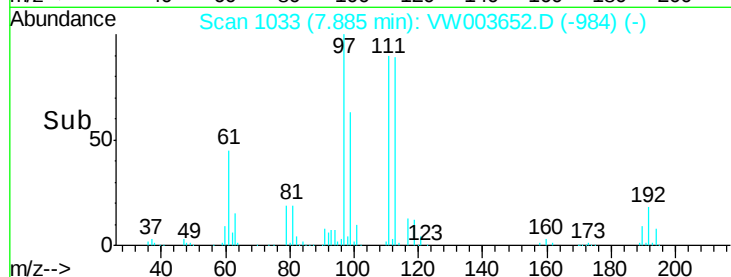
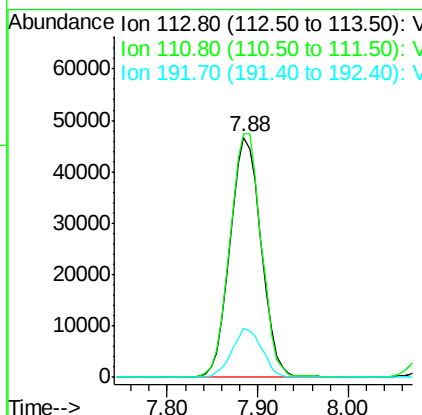
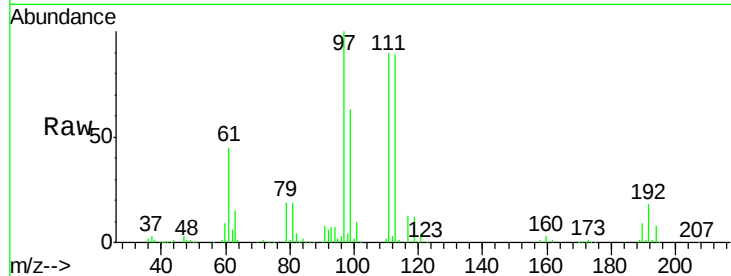




#35
 Dibromofluoromethane
 Concen: 58.031 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

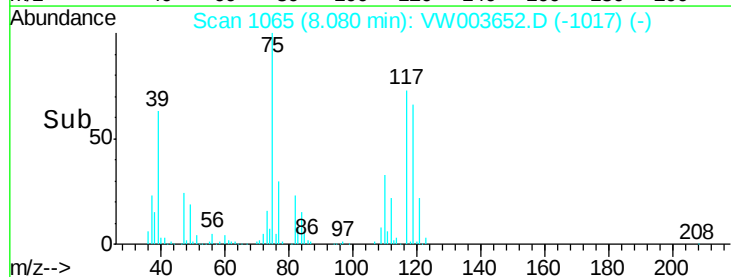
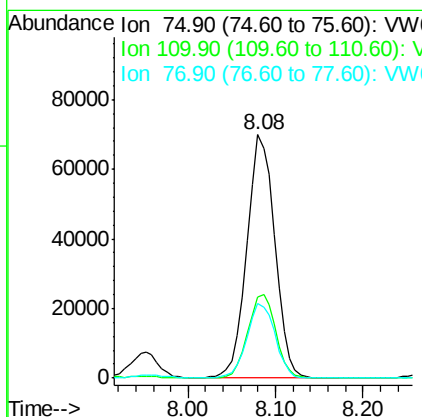
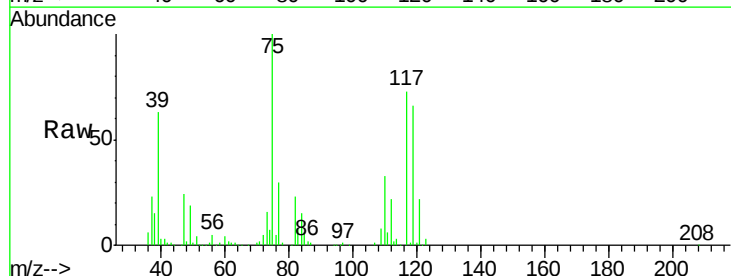
Instrument :
 MSVOA_W
 ClientSampleId :

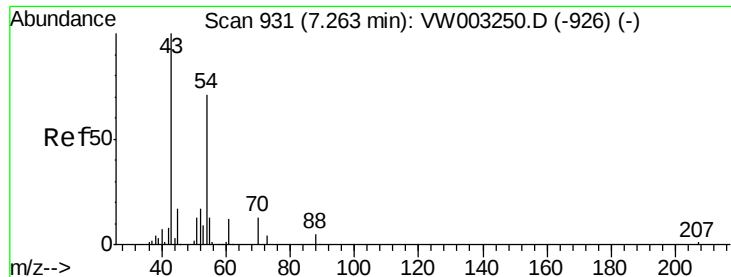
Tot Ion:113 Resp: 111120
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 52.278 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion: 75 Resp: 155581
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.1 51.3
 77 31.1 24.9 37.3

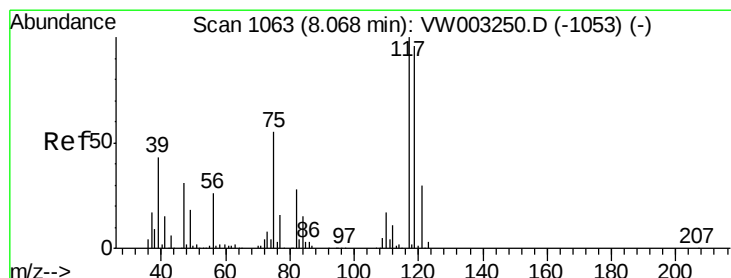
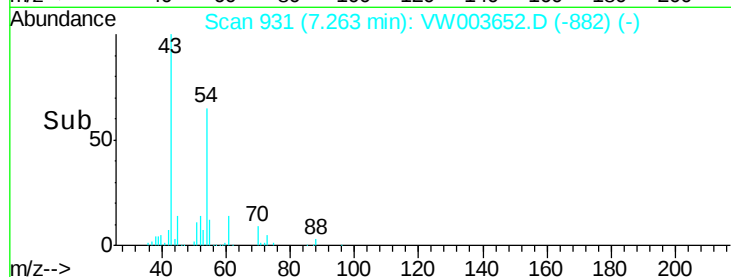
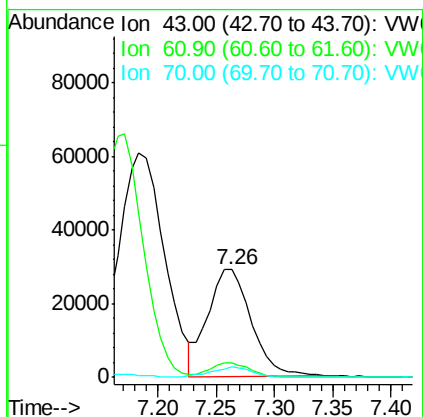
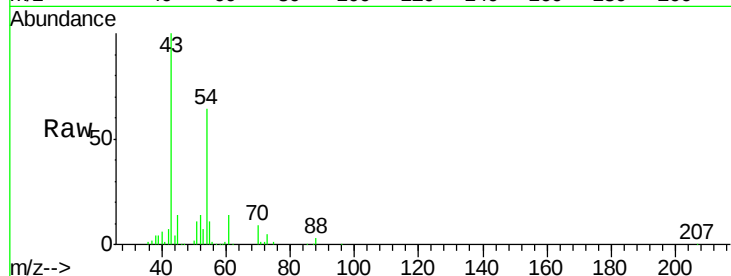




#37
Ethyl Acetate
Concen: 61.167 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

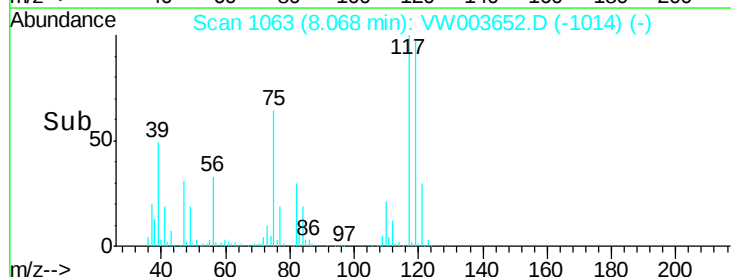
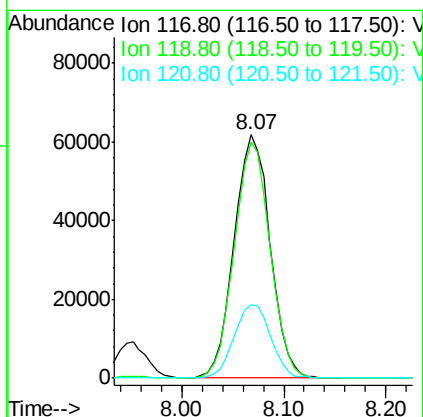
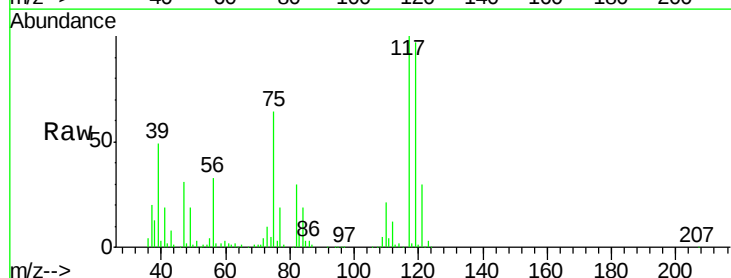
Instrument :
MSVOA_W
ClientSampleId :

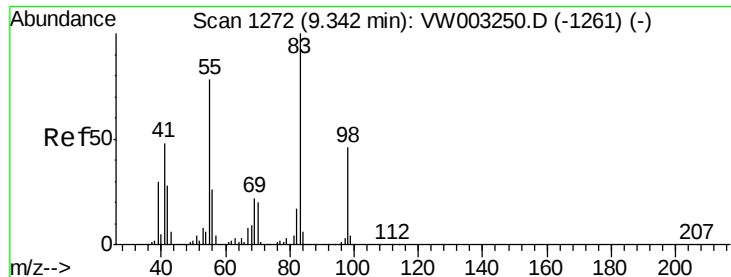
Tot Ion: 43 Resp: 75413
Ion Ratio Lower Upper
43 100
61 13.1 10.8 16.2
70 9.0 7.8 11.6



#38
Carbon Tetrachloride
Concen: 52.007 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 117 Resp: 151819
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0
121 30.3 23.9 35.9

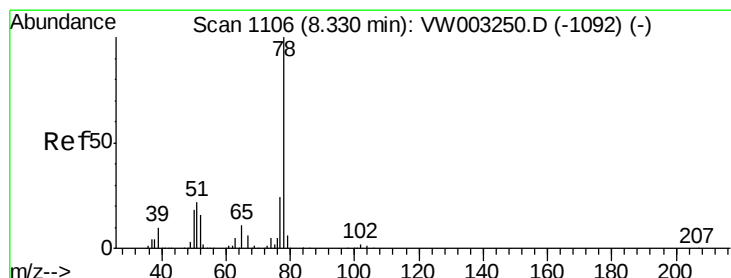
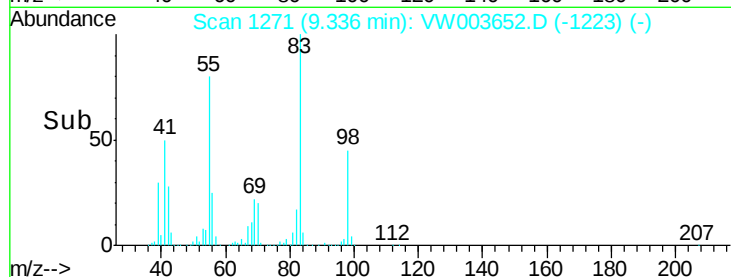
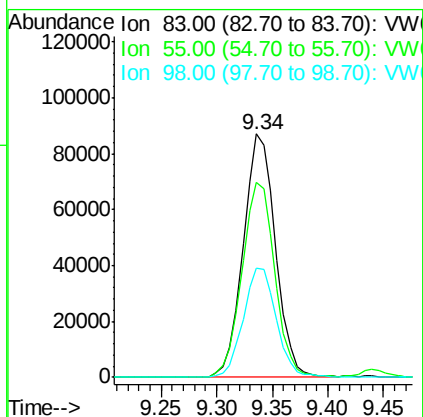
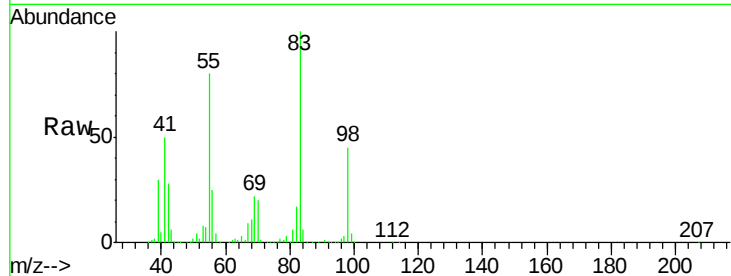




#39
Methylvlcvclohexane
Concen: 51.030 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

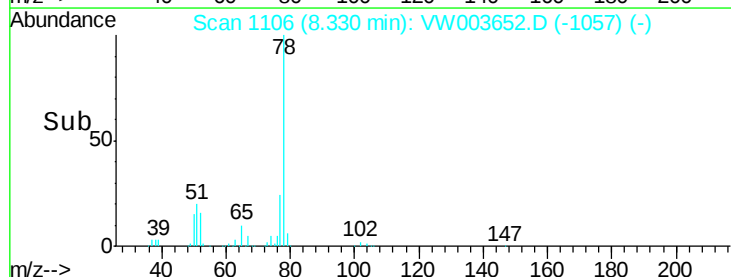
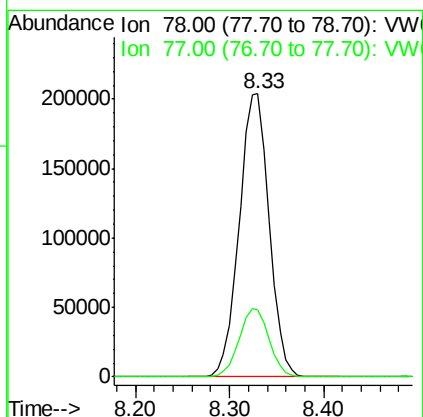
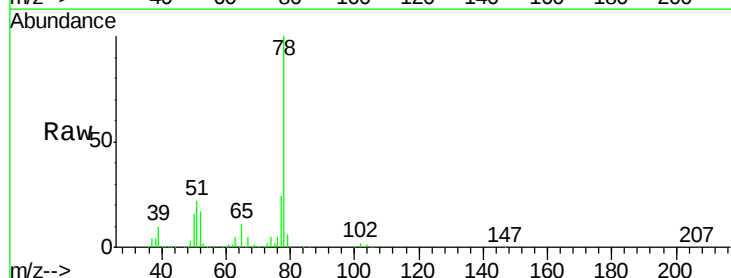
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 175724
Ion Ratio Lower Upper
83 100
55 79.9 62.6 93.8
98 44.6 37.0 55.4



#40
Benzene
Concen: 55.092 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 78 Resp: 451940
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

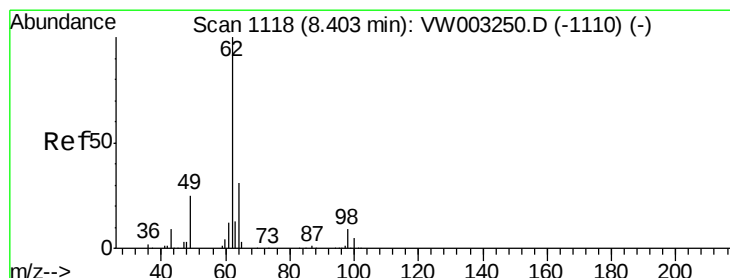
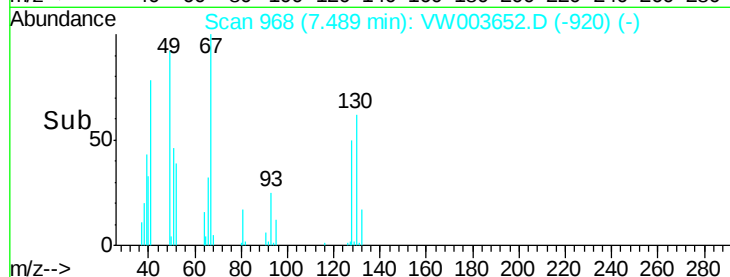
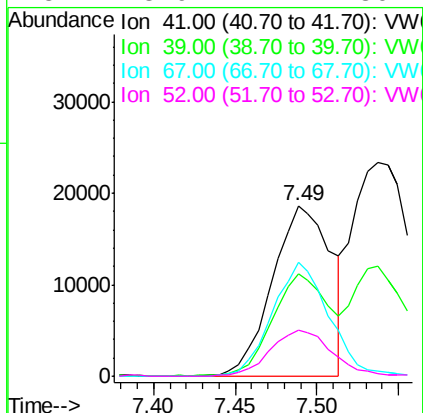
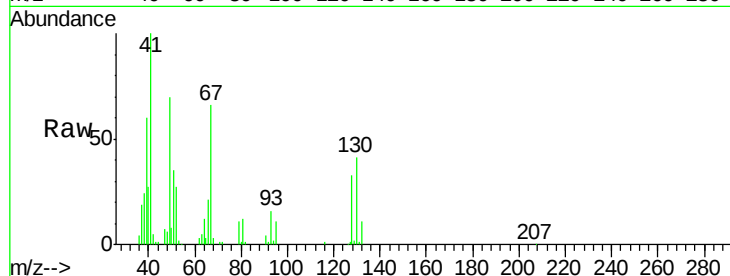




#41
Methacrylonitrile
Concen: 61.640 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

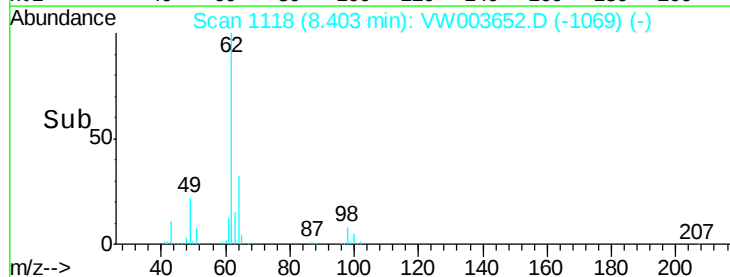
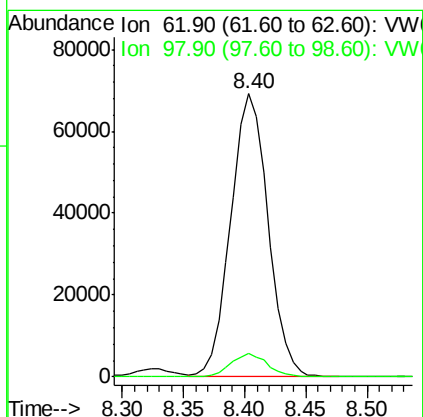
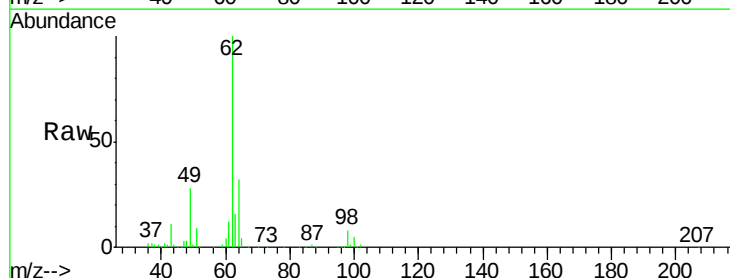
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	46635
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.8	68.8
67	64.7	52.3	78.5
52	28.9	24.1	36.1



#42
1,2-Dichloroethane
Concen: 57.066 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion:	62	Resp:	146667
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2

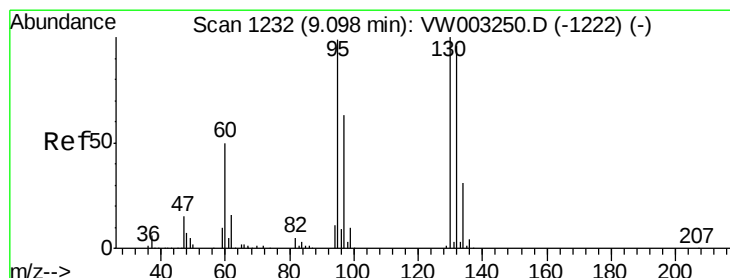
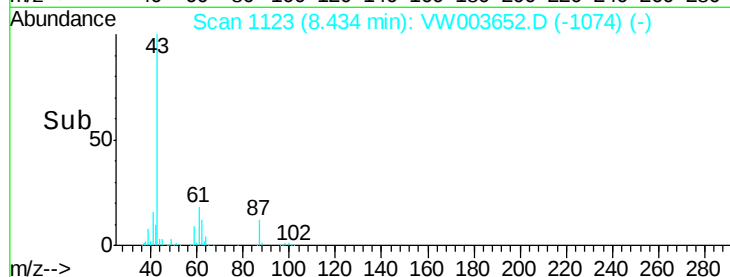
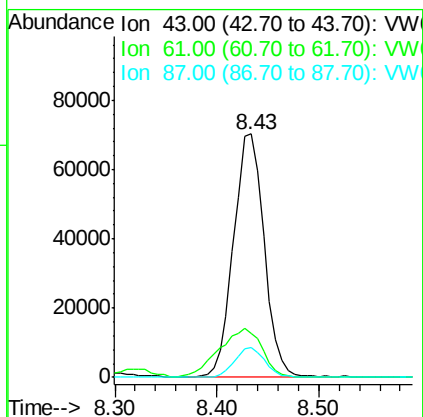
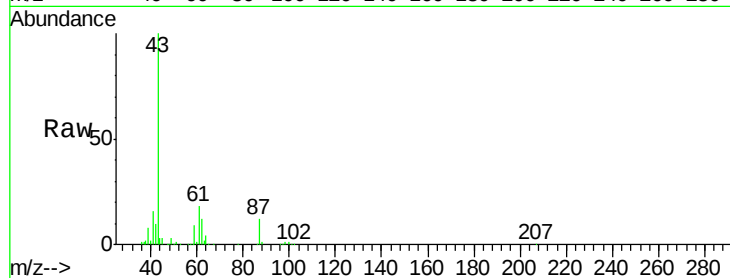




#43
Isopropyl Acetate
Concen: 59.447 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

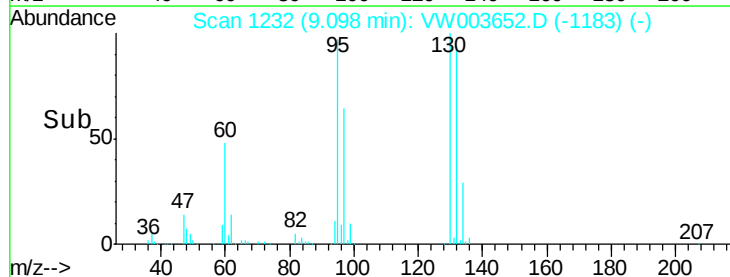
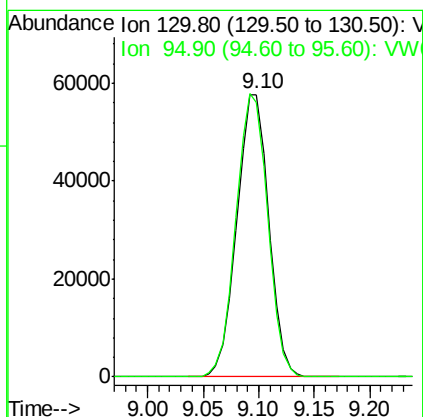
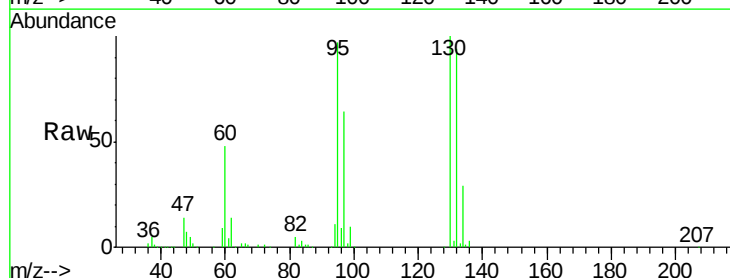
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 145531
Ion Ratio Lower Upper
43 100
61 28.5 23.1 34.7
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 52.942 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion:130 Resp: 115079
Ion Ratio Lower Upper
130 100
95 97.4 0.0 198.0

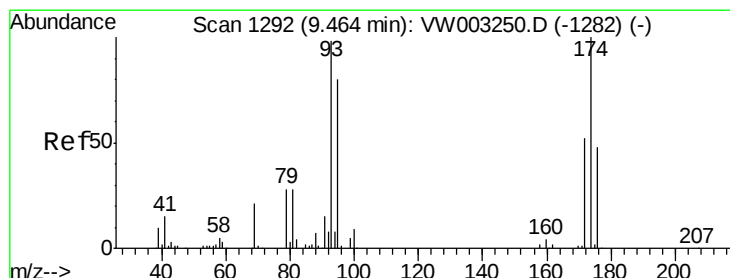
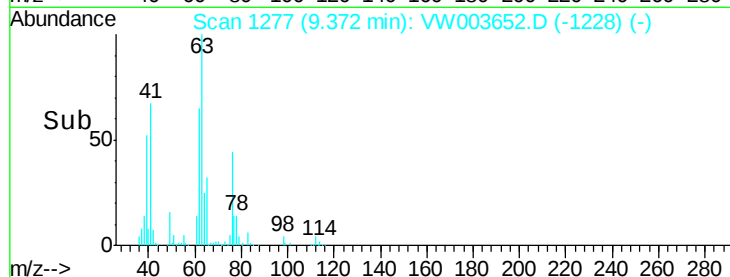
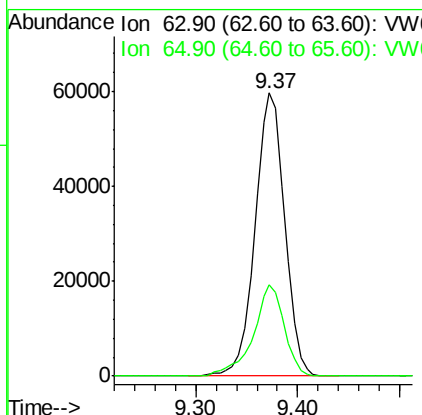
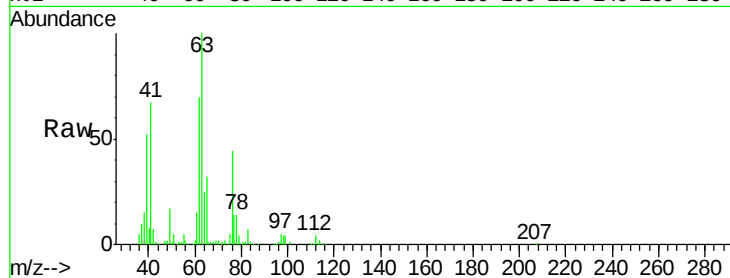




#45
 1,2-Dichloropropane
 Concen: 57.766 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

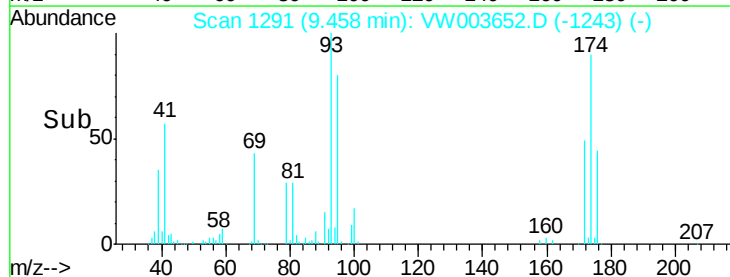
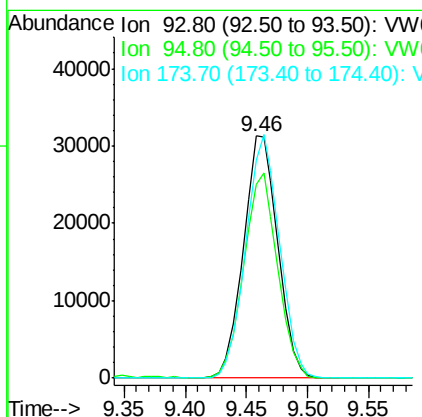
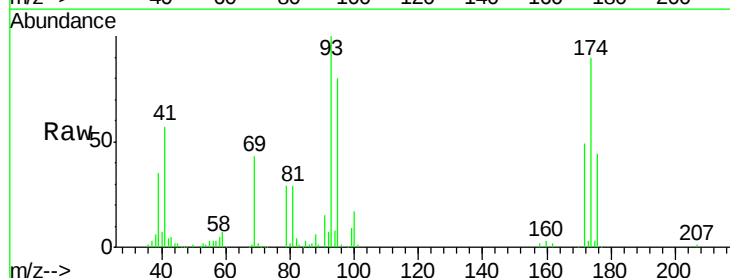
Instrument :
 MSVOA_W
 ClientSampleId :

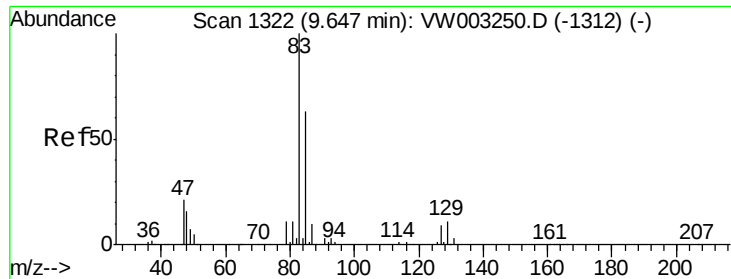
Tot Ion: 63 Resp: 120654
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.1 37.7



#46
 Dibromomethane
 Concen: 57.167 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion: 93 Resp: 61132
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.8 98.8
 174 98.9 81.4 122.0





#47

Bromodichloromethane

Concen: 56.835 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

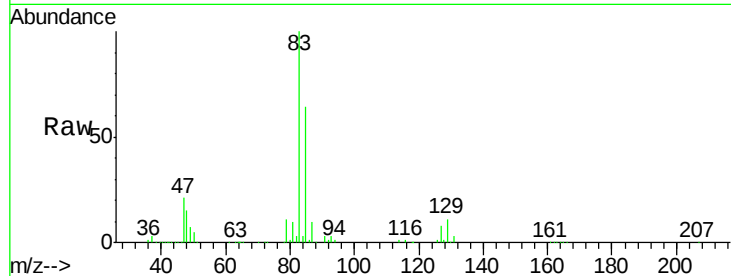
Tot Ion: 83 Resp: 155789

Ion Ratio Lower Upper

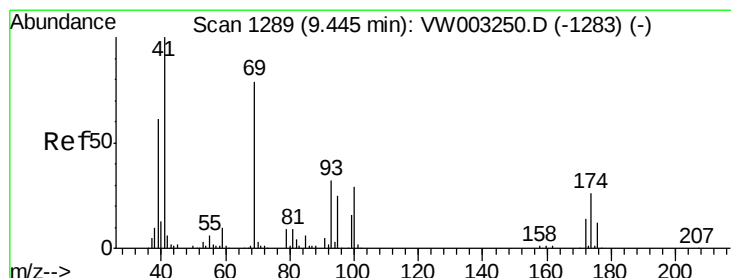
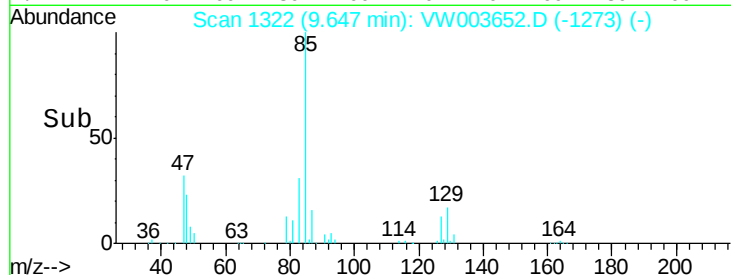
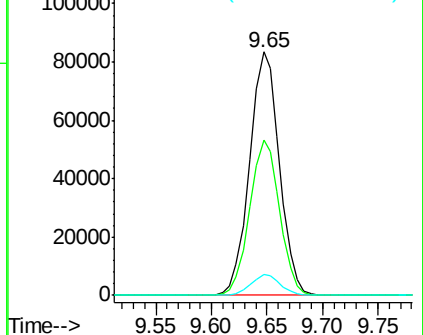
83 100

85 63.9 50.6 75.8

127 8.4 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: 62.049 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

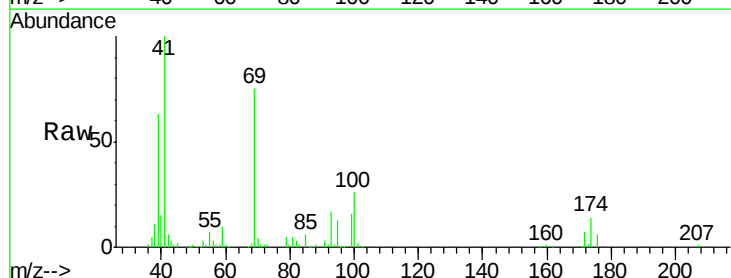
Tgt Ion: 41 Resp: 71387

Ion Ratio Lower Upper

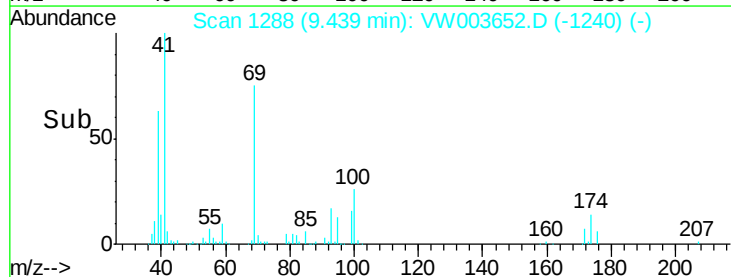
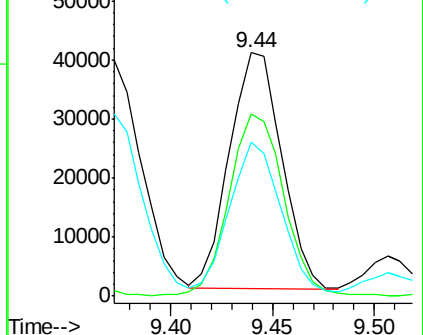
41 100

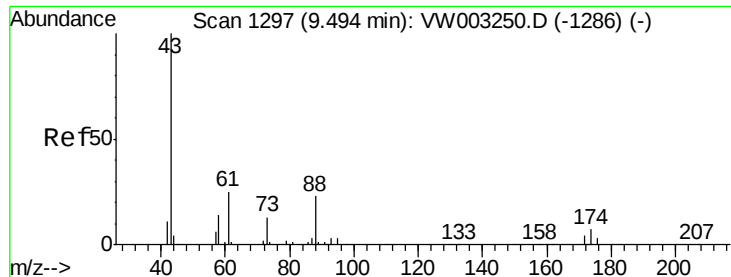
69 81.2 65.4 98.2

39 65.3 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: 1164.183 ug/l

RT: 9.49 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

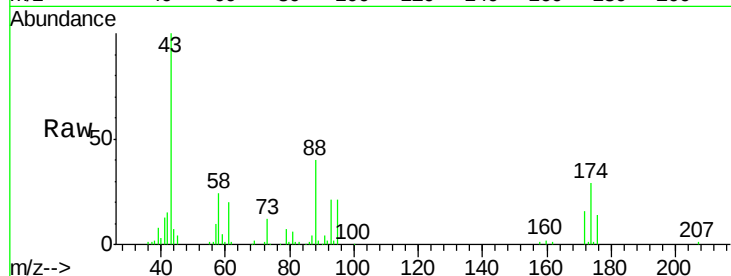
Tot Ion: 88 Resp: 18797

Ion Ratio Lower Upper

88 100

43 0.0 454.7 682.1#

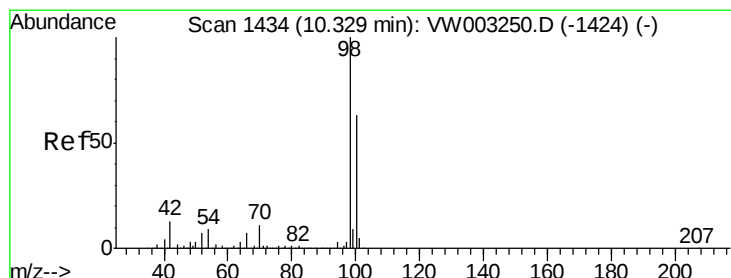
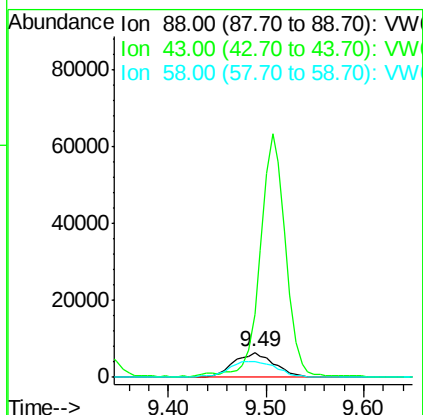
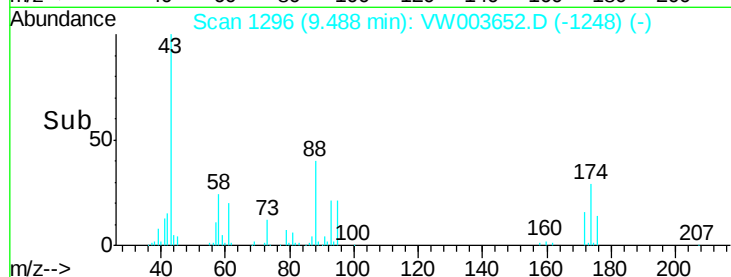
58 75.9 58.6 88.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 57.282 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003652.D

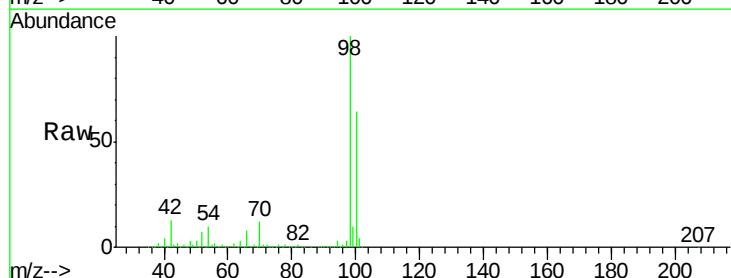
Acq: 28 Jun 2018 21:08

Tgt Ion: 98 Resp: 434928

Ion Ratio Lower Upper

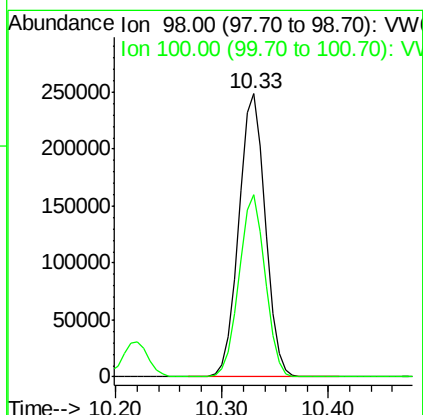
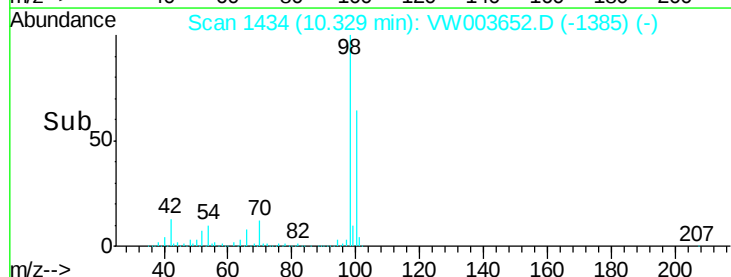
98 100

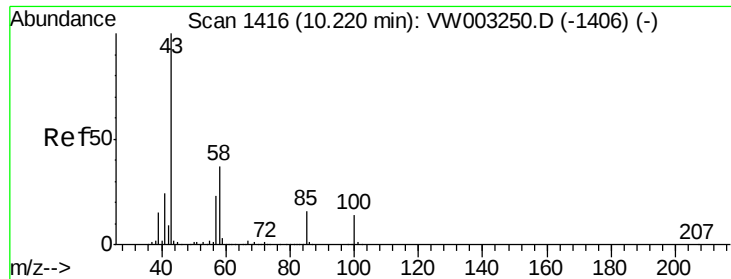
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 317.468 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

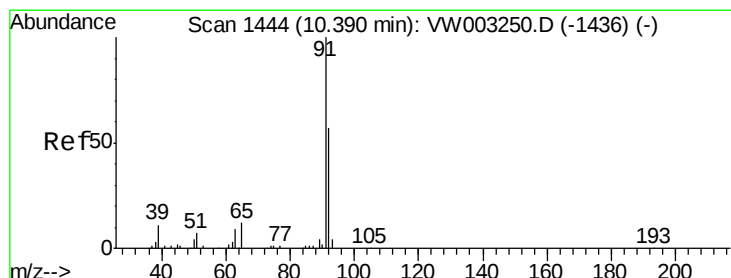
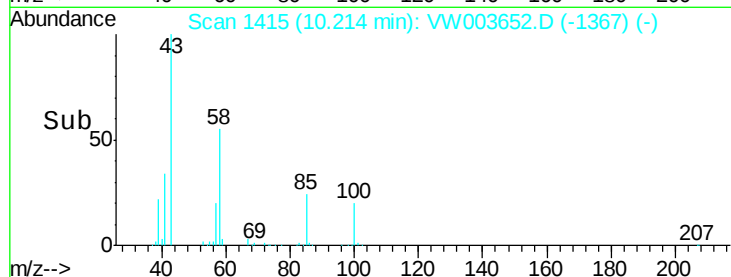
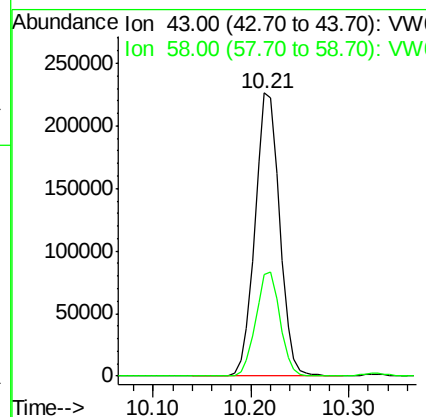
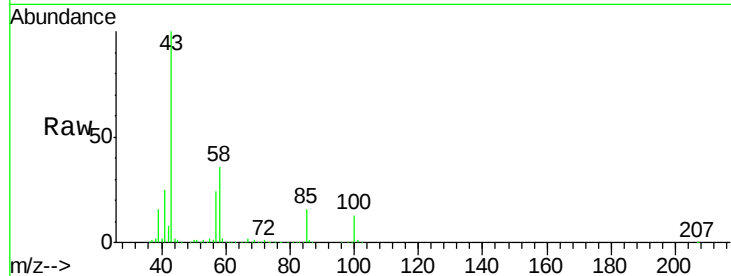
ClientSampled :

Tot Ion: 43 Resp: 396021

Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.4



#52

Toluene

Concen: 55.143 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003652.D

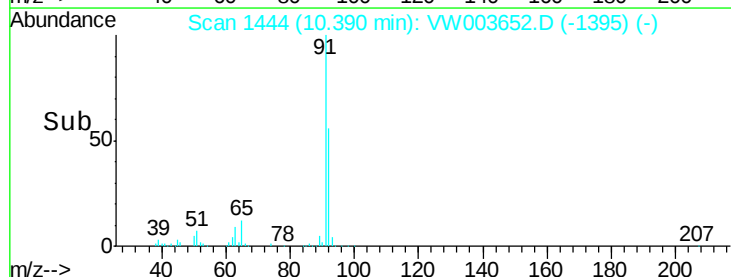
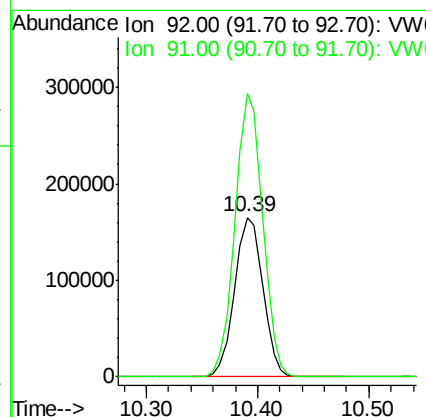
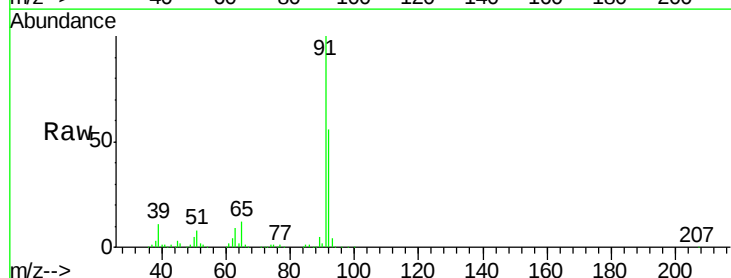
Acq: 28 Jun 2018 21:08

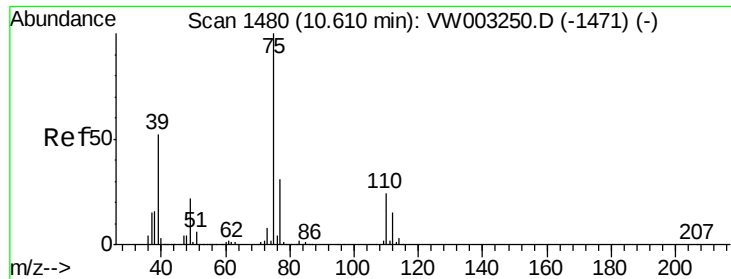
Tgt Ion: 92 Resp: 290077

Ion Ratio Lower Upper

92 100

91 174.2 141.1 211.7

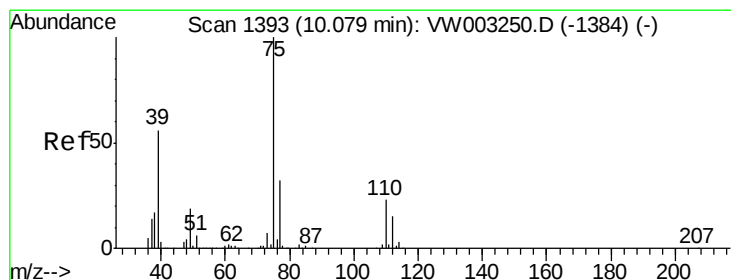
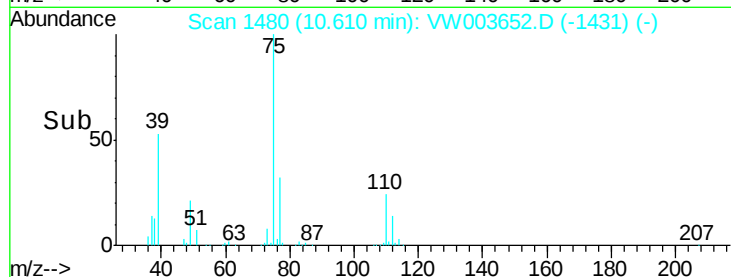
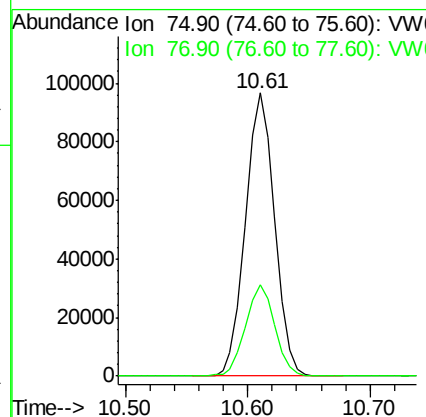
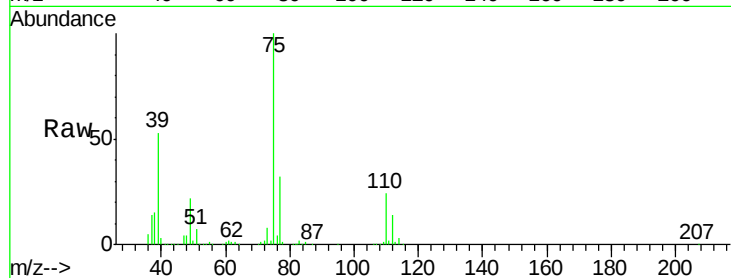




#53
 t-1,3-Dichloropropene
 Concen: 57.063 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

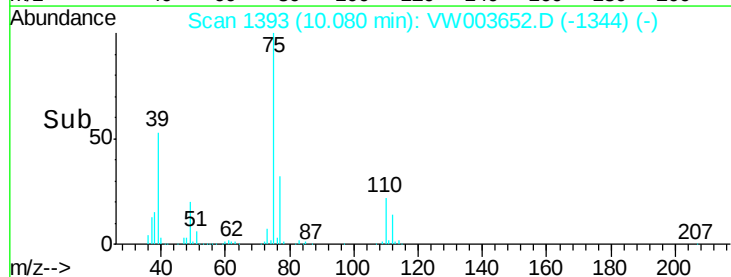
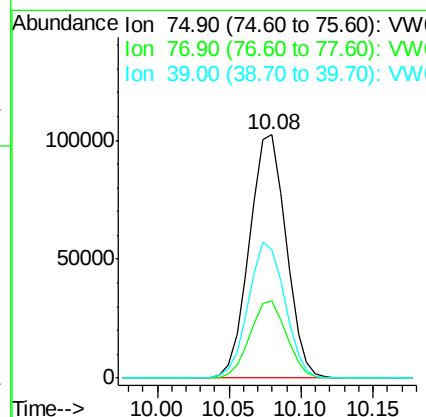
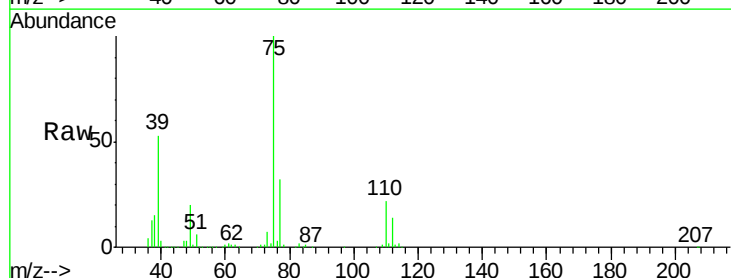
Instrument :
 MSVOA_W
 ClientSampled :

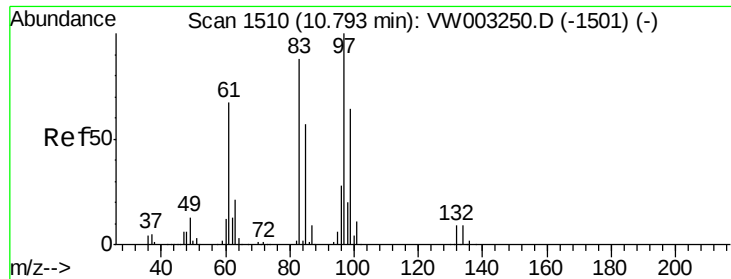
Tot Ion: 75 Resp: 159778
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 56.688 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion: 75 Resp: 180657
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6
 39 52.7 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 58.751 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

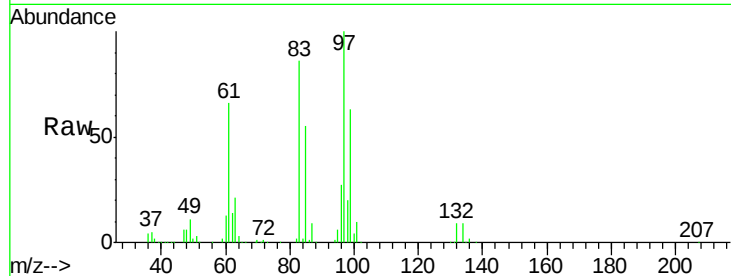
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 88530

Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.2
85	55.1	45.6	68.4
99	62.6	51.2	76.8



Abundance

Ion 96.90 (96.60 to 97.60): VW

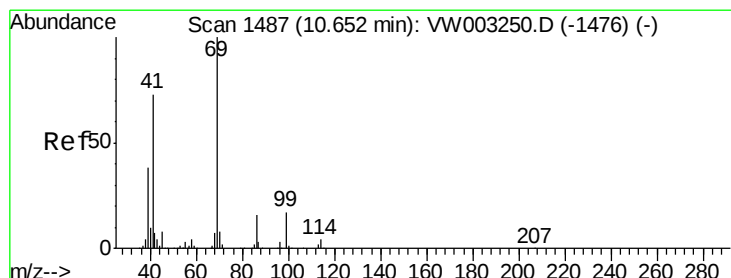
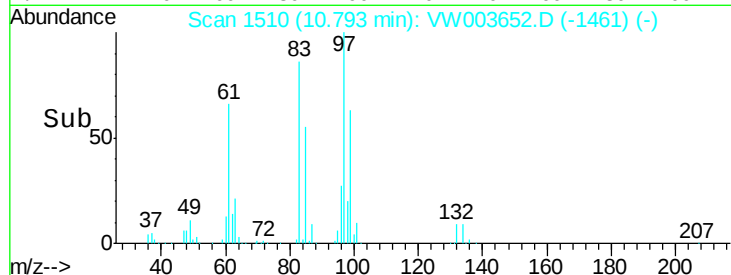
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

10.79

Time-->



#56

Ethyl methacrylate

Concen: 62.375 ug/l

RT: 10.65 min Scan# 1487

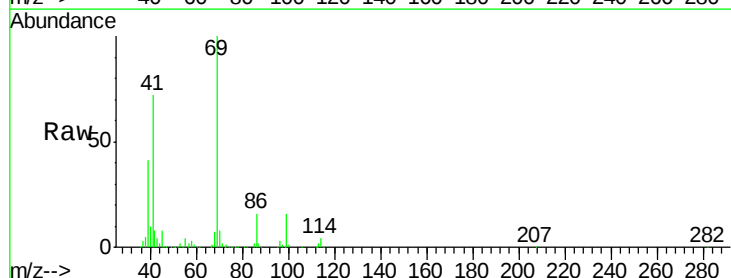
Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion: 69 Resp: 114136

Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.8	86.6
39	39.5	32.7	49.1



Abundance

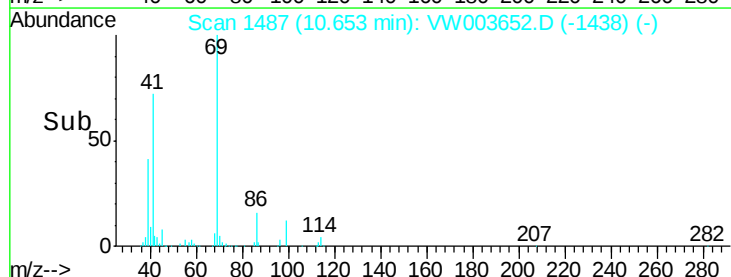
Ion 69.00 (68.70 to 69.70): VW

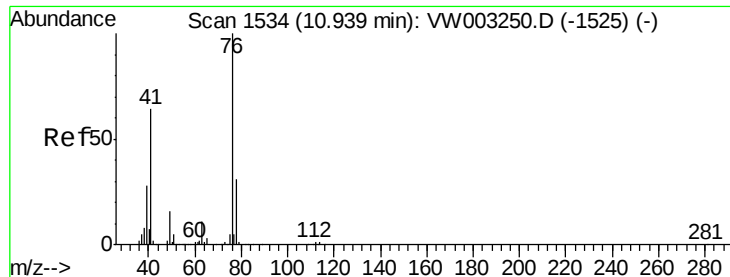
Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

10.65

Time-->

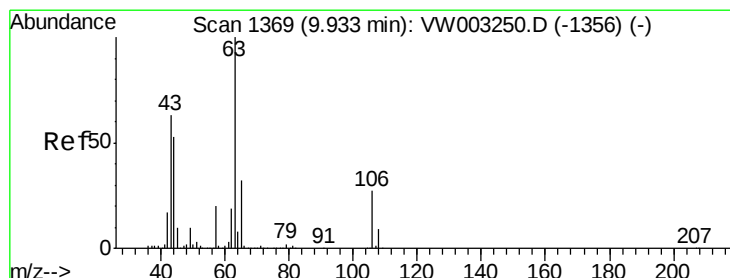
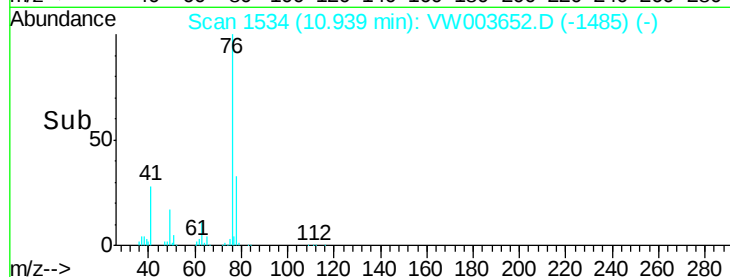
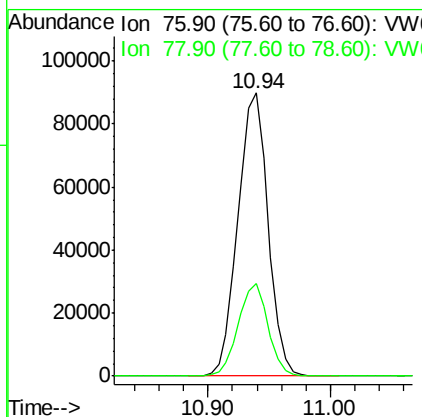
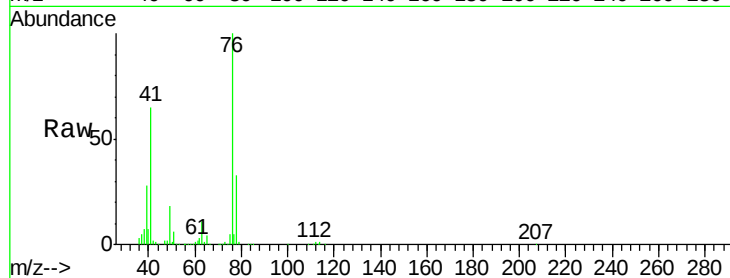




#57
 1,3-Dichloropropane
 Concen: 58.933 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

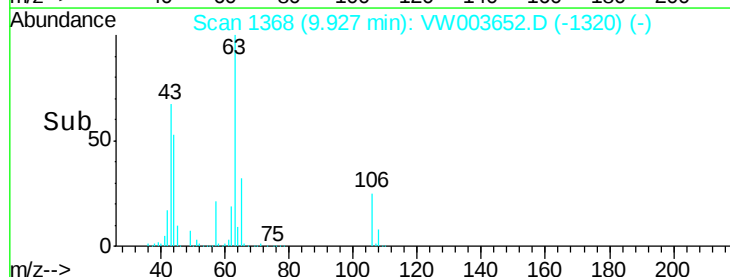
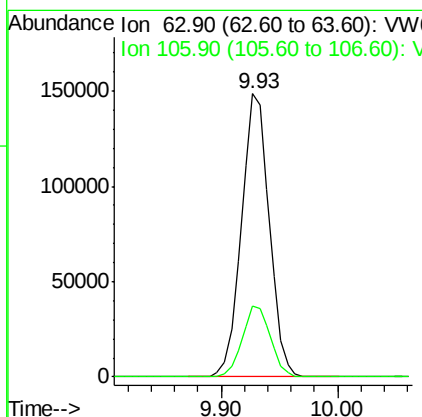
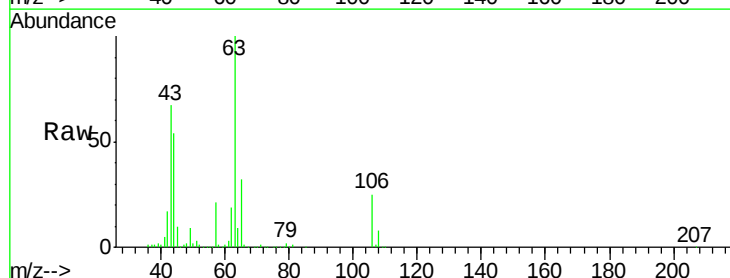
Instrument :
 MSVOA_W
 ClientSampled :

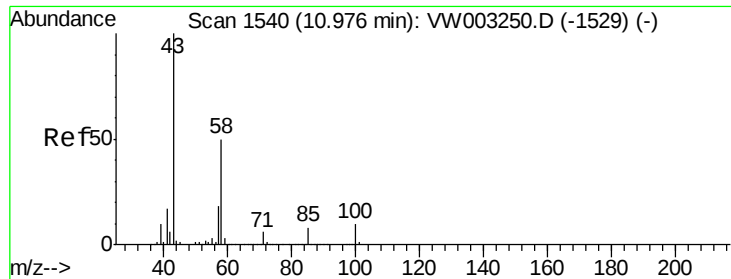
Tot Ion: 76 Resp: 153162
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 302.709 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion: 63 Resp: 248306
 Ion Ratio Lower Upper
 63 100
 106 25.3 21.8 32.8

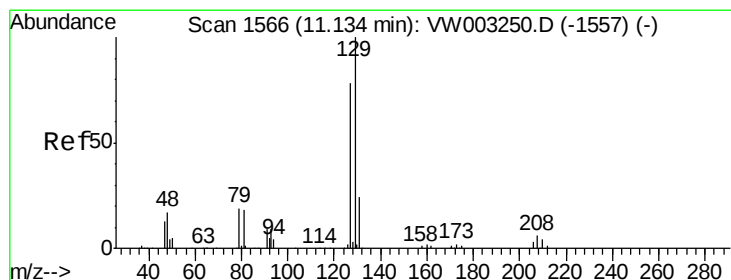
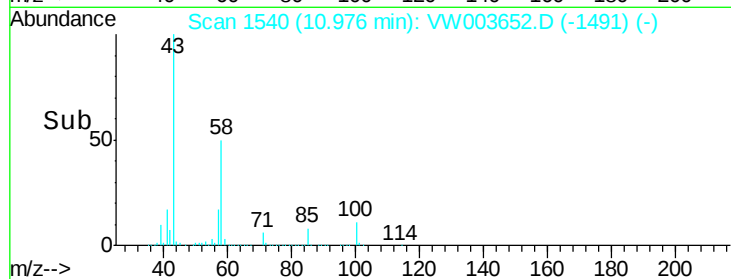
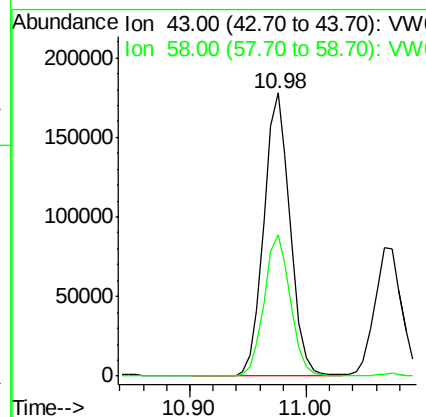
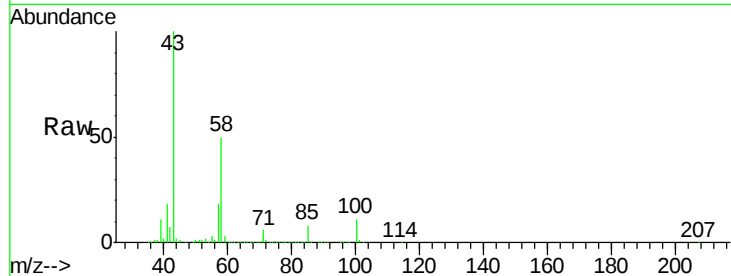




#59
2-Hexanone
Concen: 319.752 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

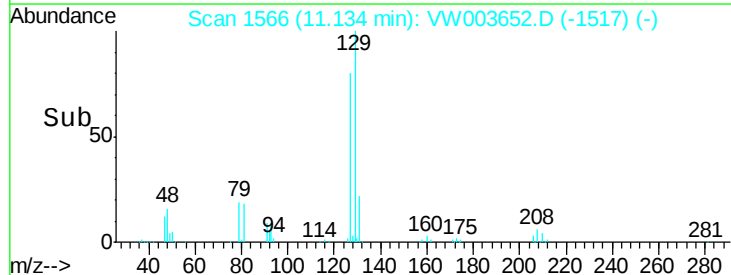
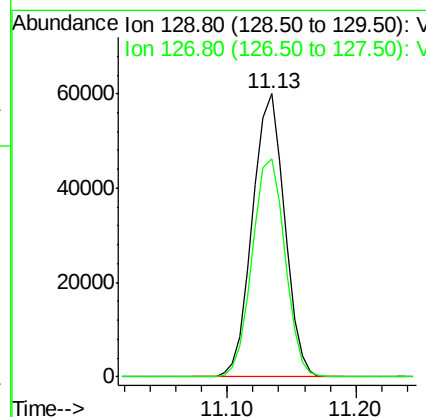
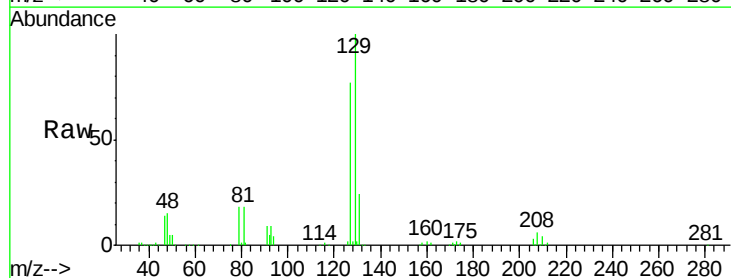
Instrument :
MSVOA_W
ClientSampleId :

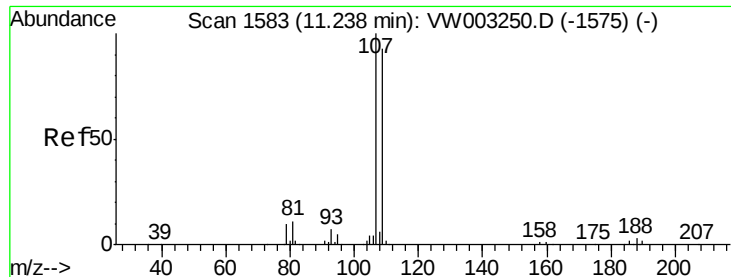
Tot Ion: 43 Resp: 278646
Ion Ratio Lower Upper
43 100
58 50.2 25.0 75.0



#60
Dibromochloromethane
Concen: 57.699 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 129 Resp: 103397
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5

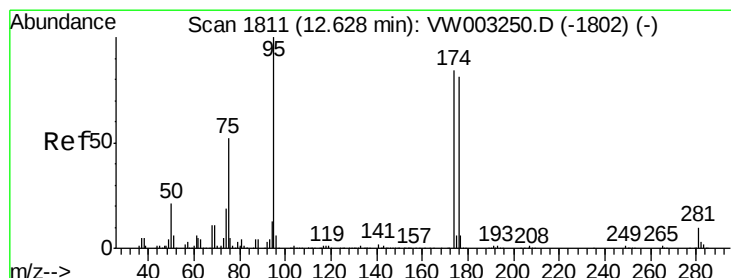
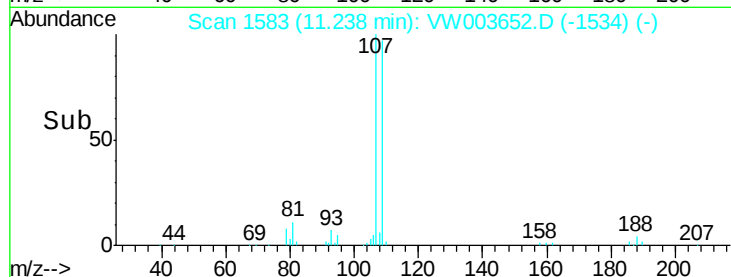
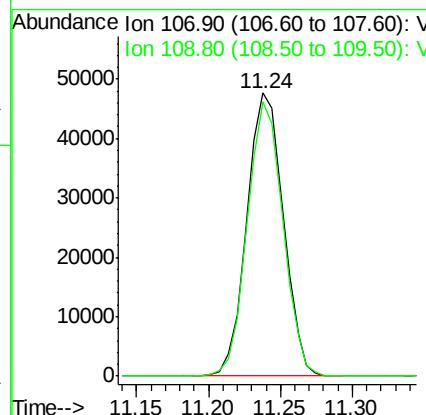
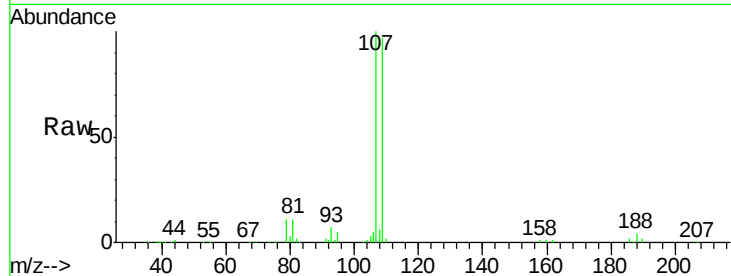




#61
 1,2-Dibromoethane
 Concen: 58.433 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

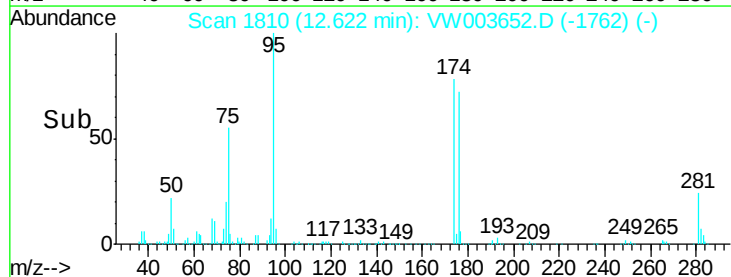
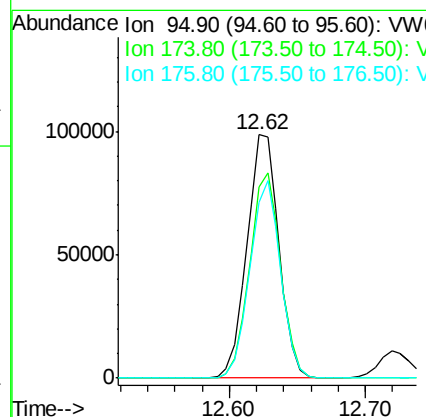
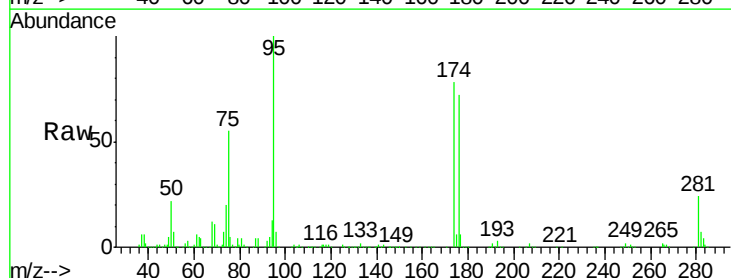
Instrument :
 MSVOA_W
 ClientSampled :

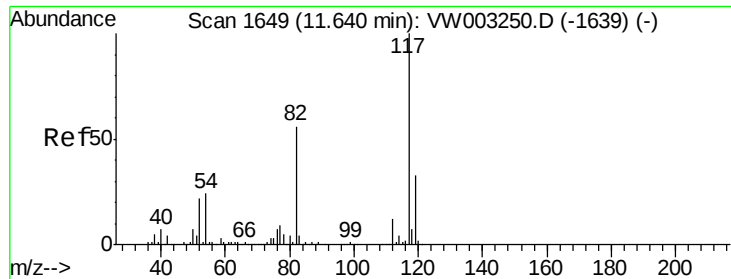
Tot Ion: 107 Resp: 83289
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 60.250 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion: 95 Resp: 161893
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 166.4
 176 78.1 0.0 162.0

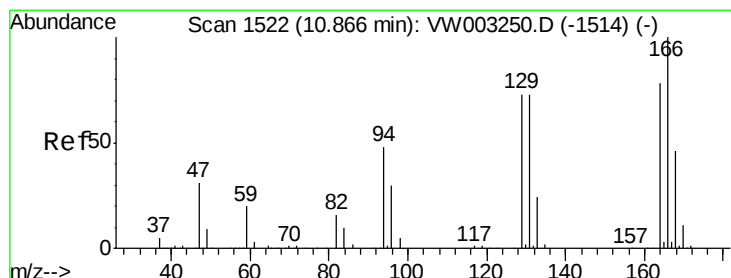
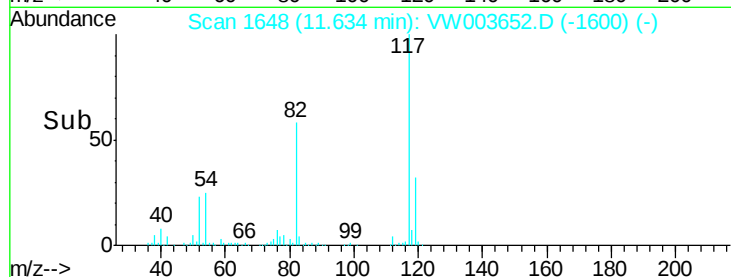
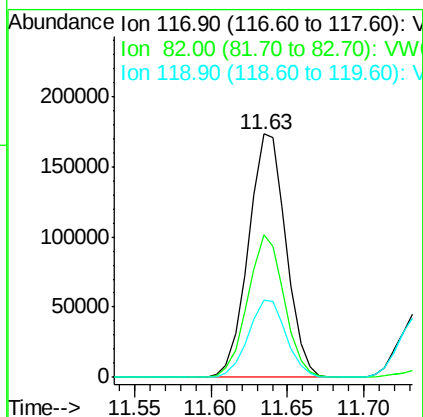
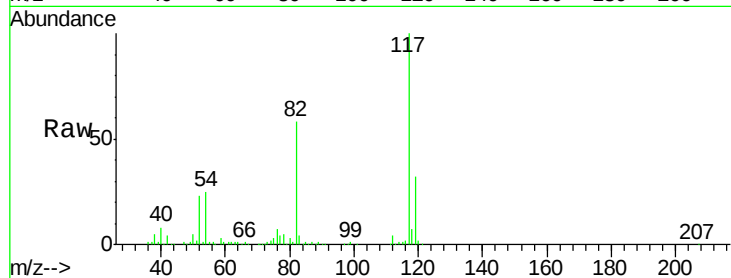




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

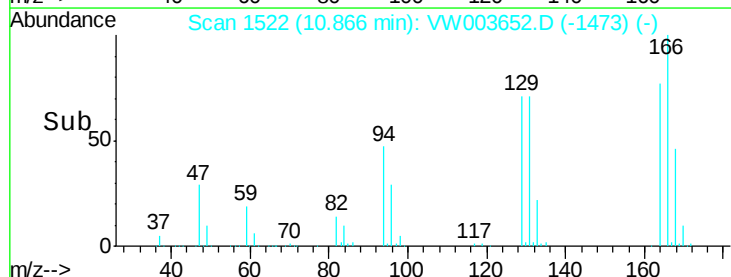
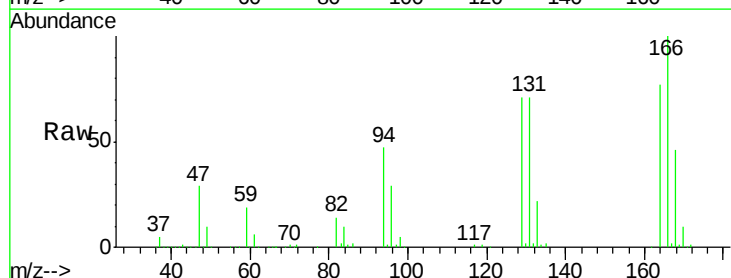
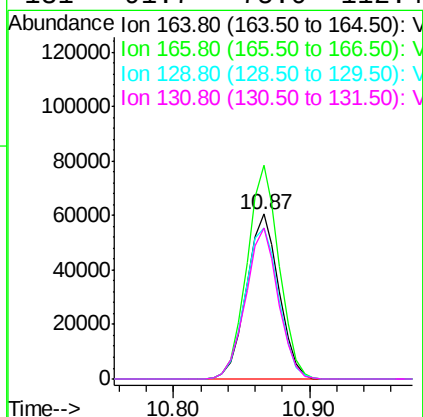
Instrument :
MSVOA_W
ClientSampled :

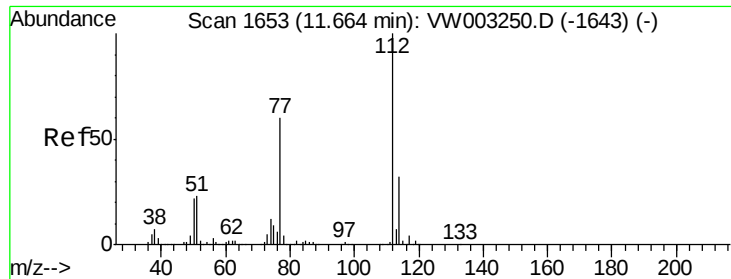
Tot Ion:117 Resp: 295208
Ion Ratio Lower Upper
117 100
82 58.3 44.6 67.0
119 32.0 26.7 40.1



#64
Tetrachloroethene
Concen: 51.317 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion:164 Resp: 101325
Ion Ratio Lower Upper
164 100
166 129.4 102.6 154.0
129 91.8 75.2 112.8
131 91.7 75.0 112.4

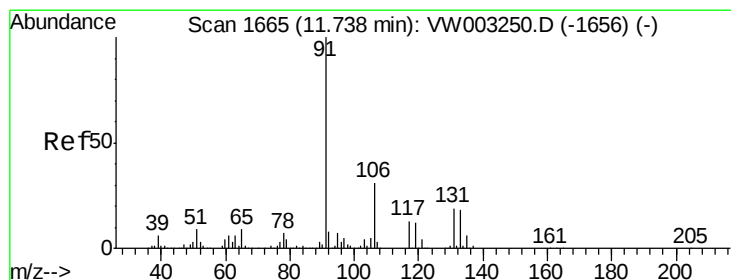
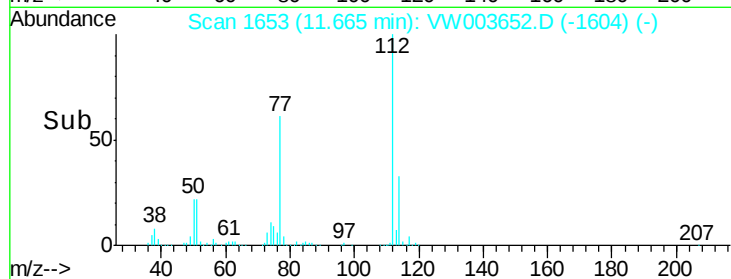
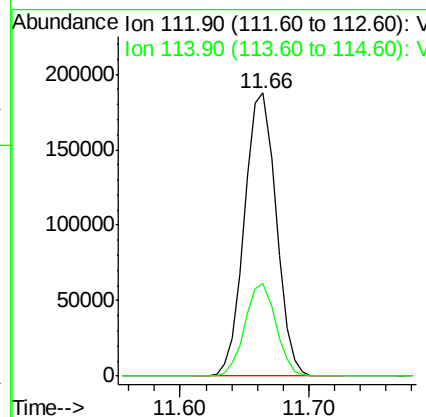
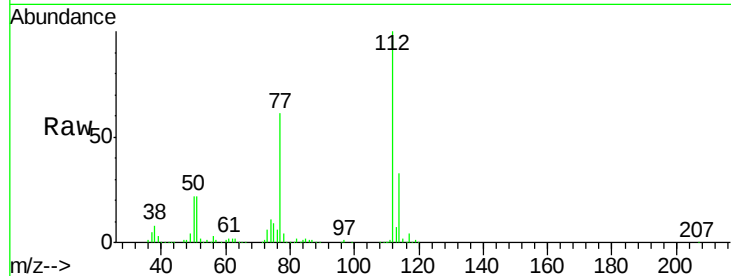




#65
Chlorobenzene
Concen: 51.989 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

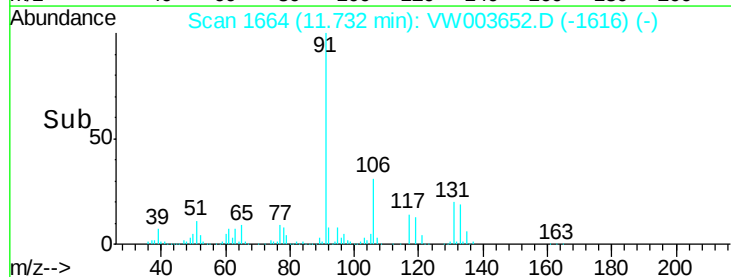
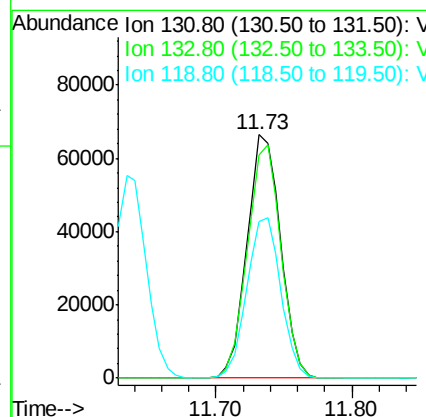
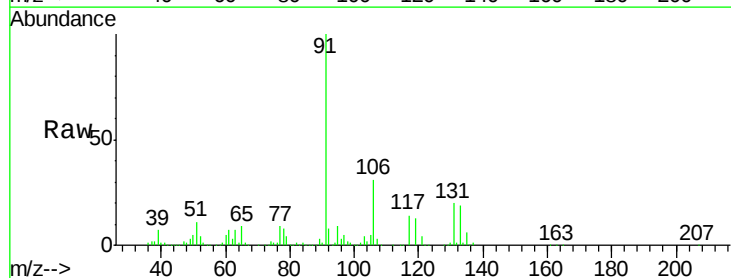
Instrument :
MSVOA_W
ClientSampleId :

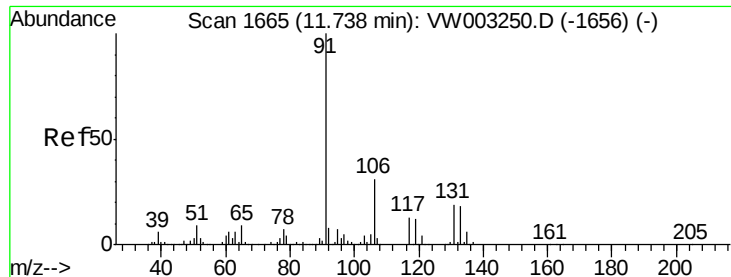
Tot Ion:112 Resp: 319599
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.384 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion:131 Resp: 115327
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 66.2 32.5 97.4

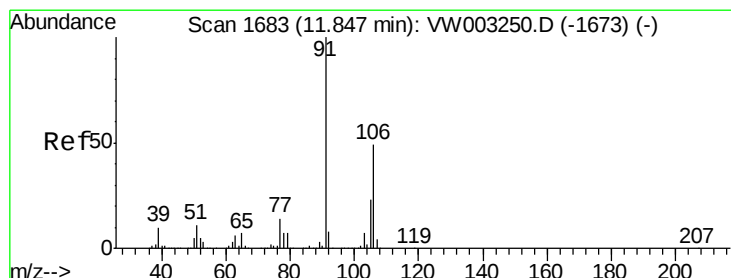
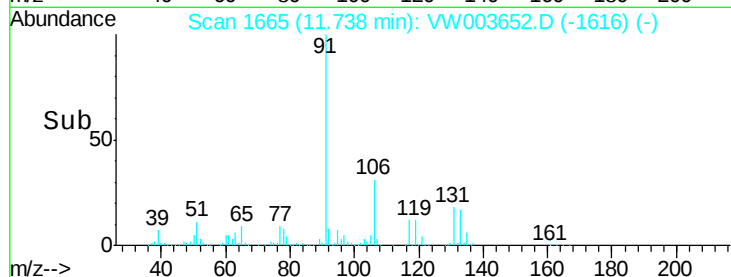
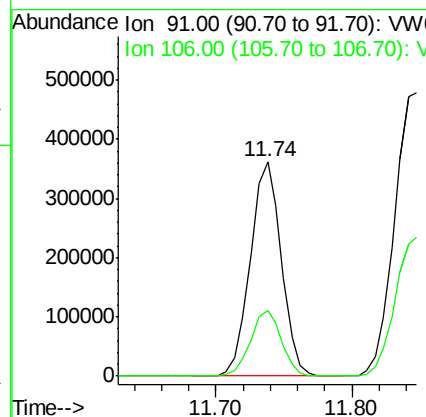
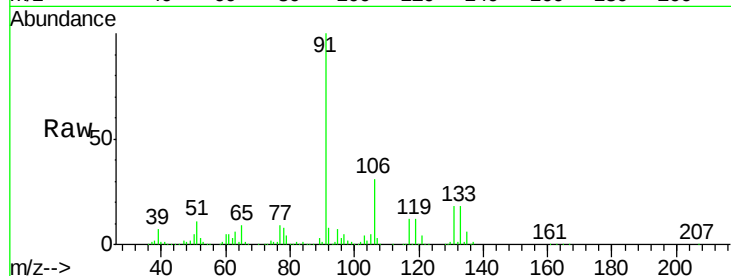




#67
Ethyl Benzene
Concen: 52.975 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

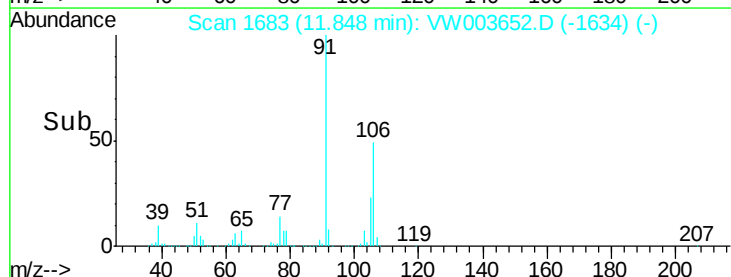
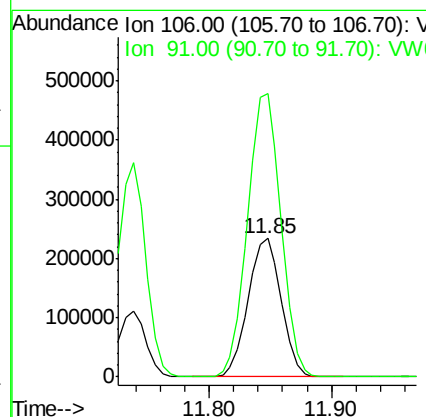
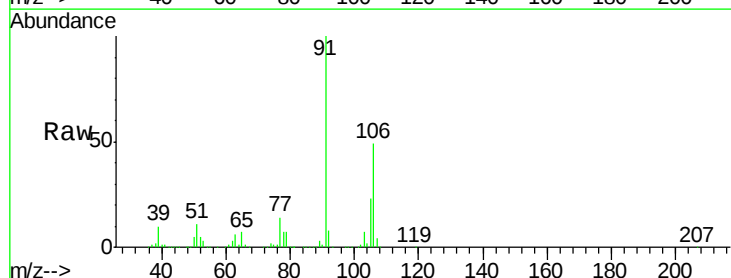
Instrument :
MSVOA_W
ClientSampleId :

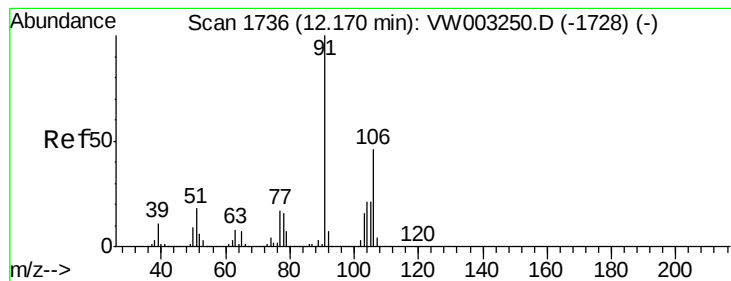
Tot Ion: 91 Resp: 577279
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1



#68
m/p-Xylenes
Concen: 106.239 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 106 Resp: 440083
Ion Ratio Lower Upper
106 100
91 206.4 165.4 248.0





#69

o-Xylene

Concen: 53.962 ug/l

RT: 12.17 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

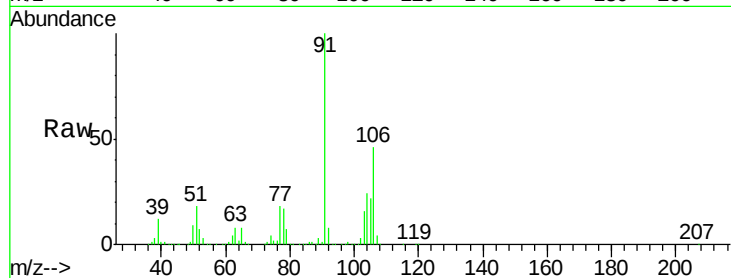
ClientSampleId :

Tot Ion:106 Resp: 207164

Ion Ratio Lower Upper

106 100

91 218.1 108.6 325.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

300000

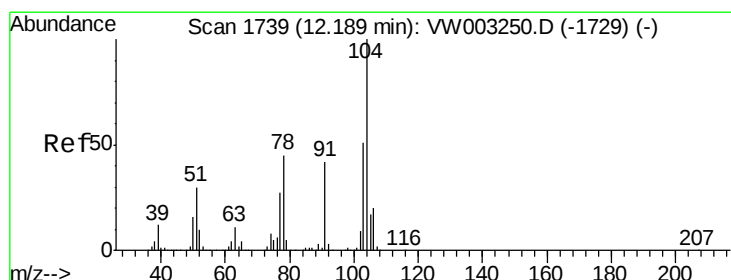
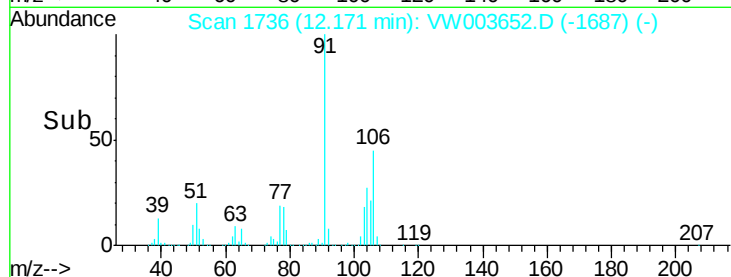
200000

100000

0

12.10 12.20

Time-->



#70

Styrene

Concen: 55.862 ug/l

RT: 12.19 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

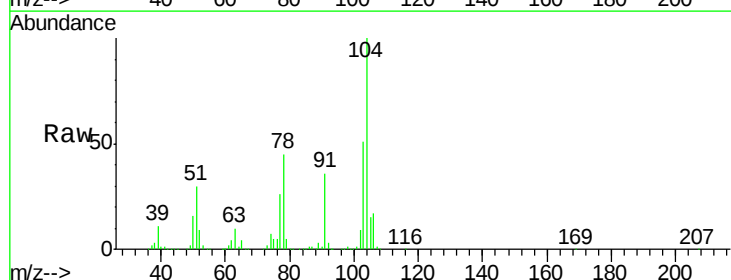
Tgt Ion:104 Resp: 356961

Ion Ratio Lower Upper

104 100

78 51.1 41.3 61.9

103 55.7 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V

300000

250000

200000

150000

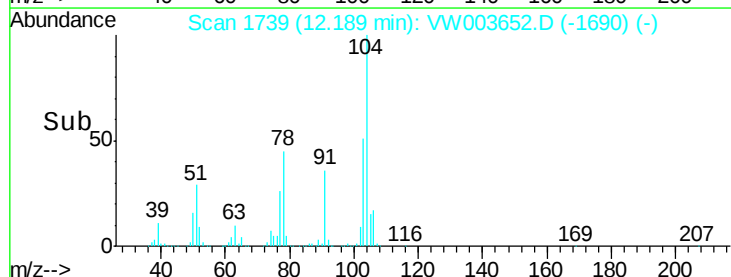
100000

50000

0

12.10 12.20 12.30

Time-->

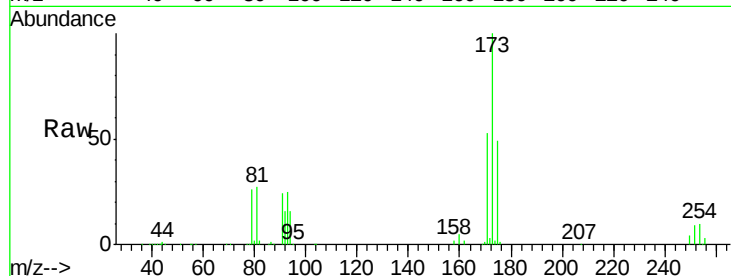




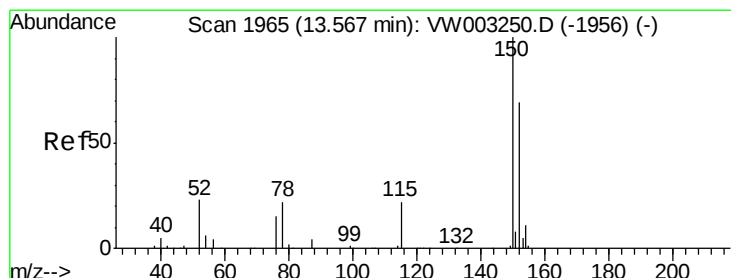
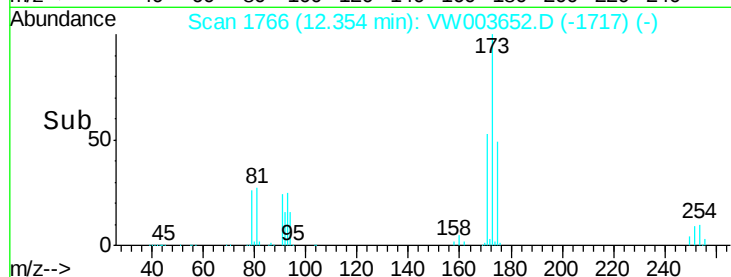
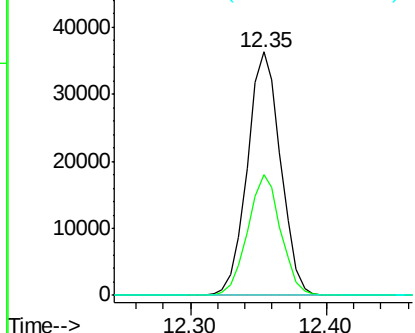
#71
Bromoform
Concen: 55.452 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:173 Resp: 62086
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.4
254 0.1 0.1 0.1

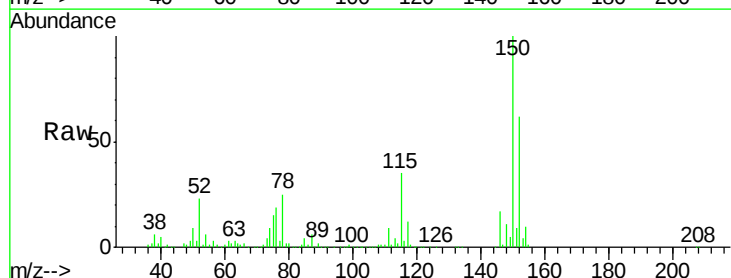


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

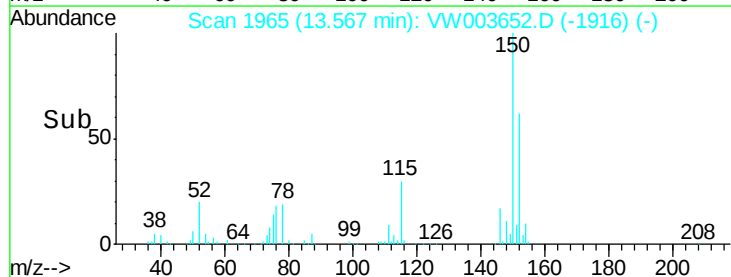
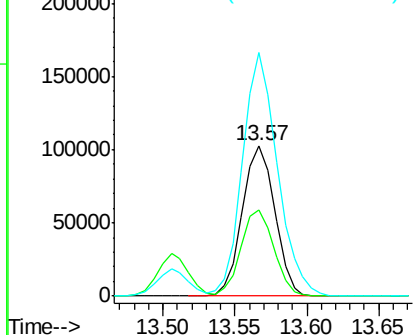


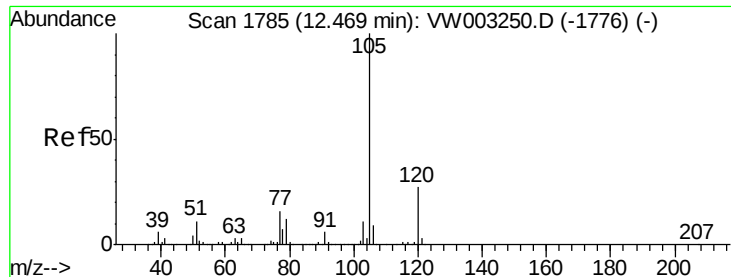
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion:152 Resp: 161364
Ion Ratio Lower Upper
152 100
115 58.0 29.3 88.0
150 173.3 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: 51.374 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

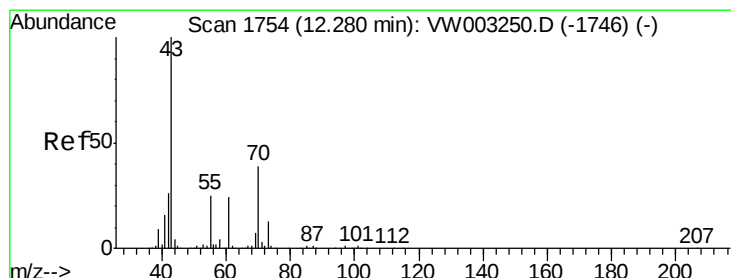
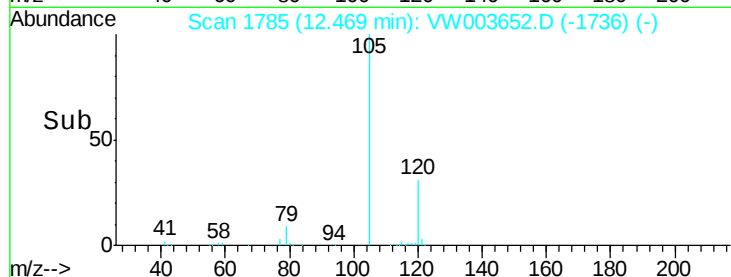
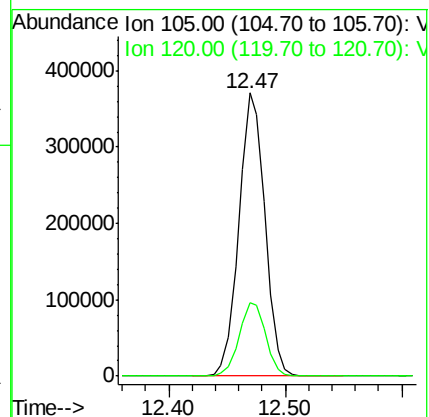
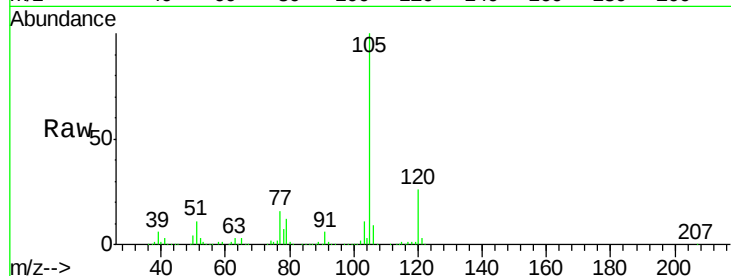
ClientSampled :

Tot Ion:105 Resp: 576601

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 57.309 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion: 43 Resp: 146402

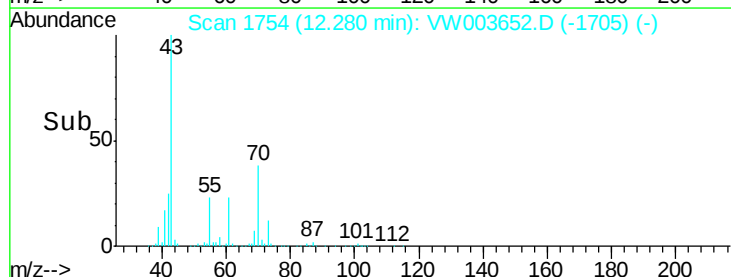
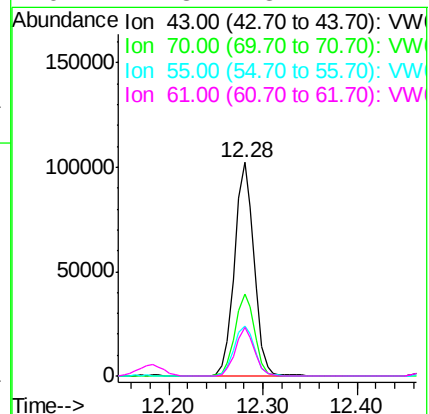
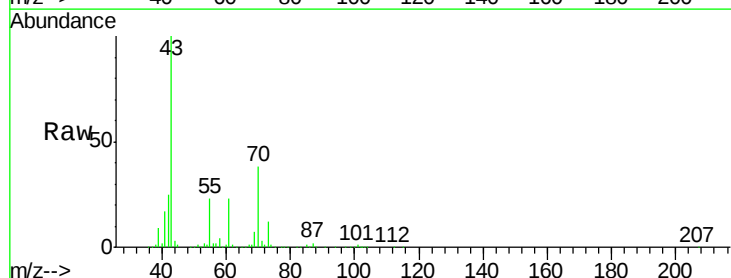
Ion Ratio Lower Upper

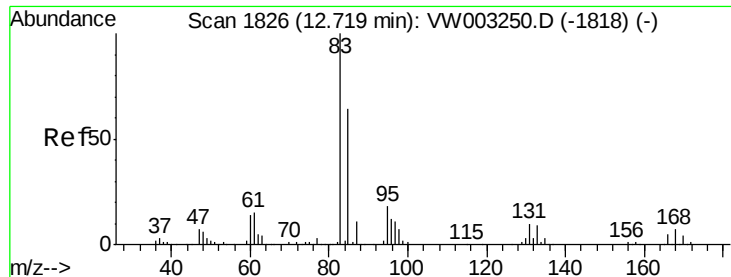
43 100

70 38.6 31.0 46.6

55 25.1 19.7 29.5

61 22.3 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 56.660 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

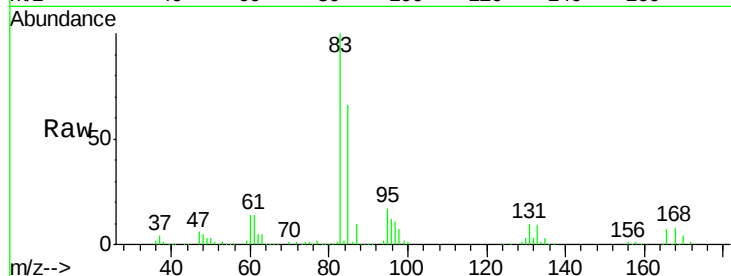
Tot Ion: 83 Resp: 107586

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

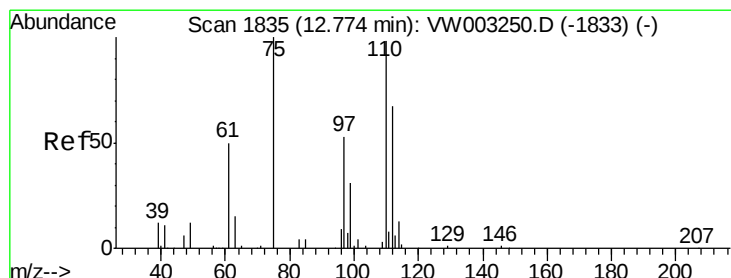
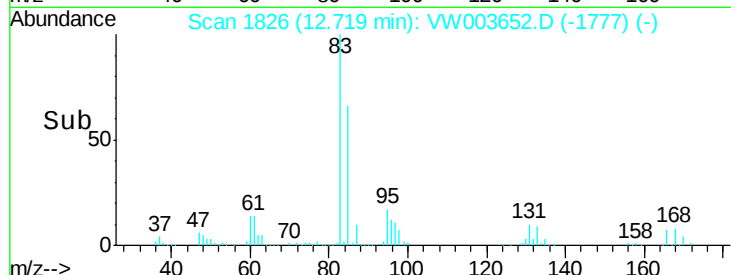
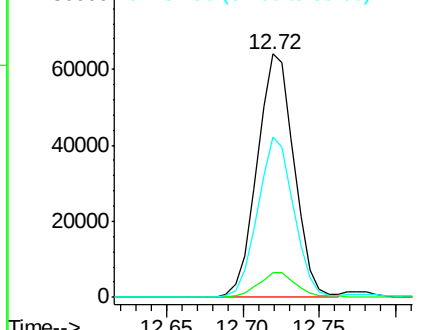
85 64.3 31.9 95.7



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: 105.843 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003652.D

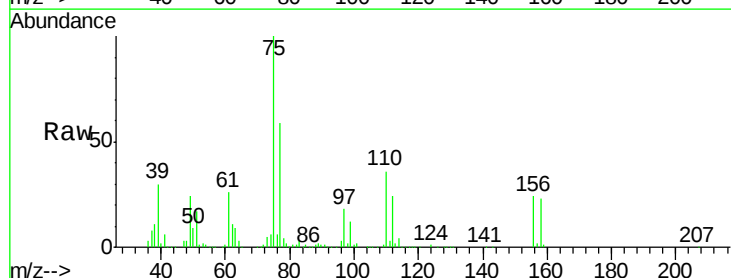
Acq: 28 Jun 2018 21:08

Tgt Ion: 75 Resp: 146008

Ion Ratio Lower Upper

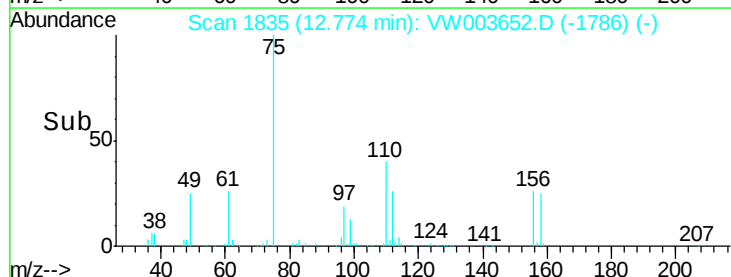
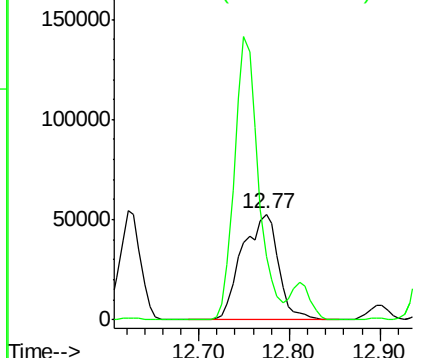
75 100

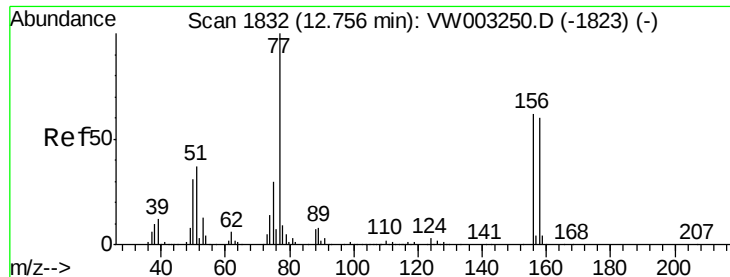
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.924 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

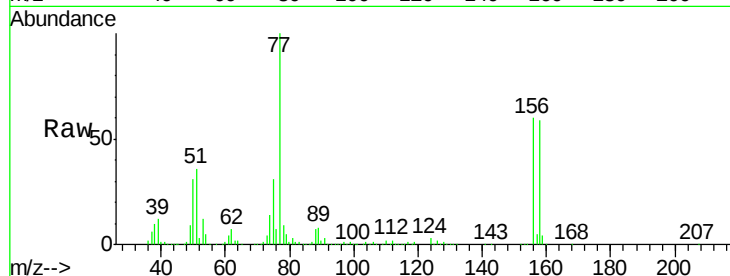
Tot Ion:156 Resp: 135722

Ion Ratio Lower Upper

156 100

77 191.4 92.3 276.9

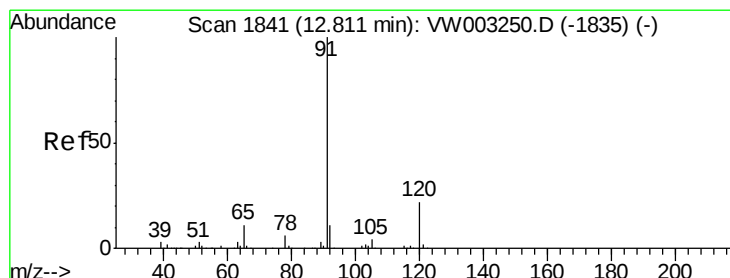
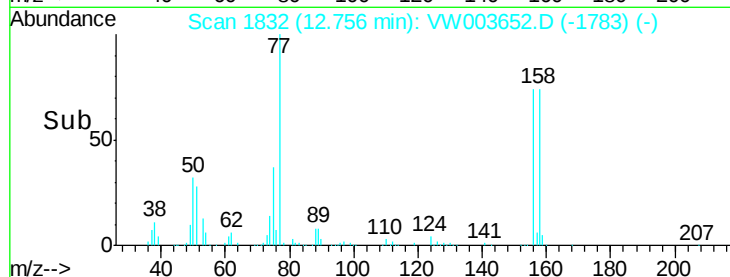
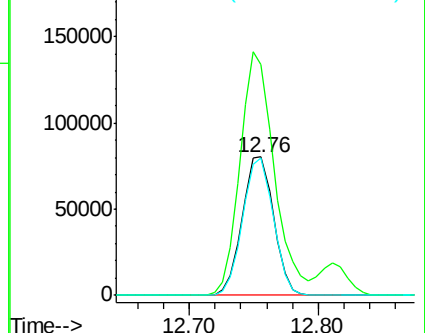
158 96.7 47.5 142.6



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: 52.237 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003652.D

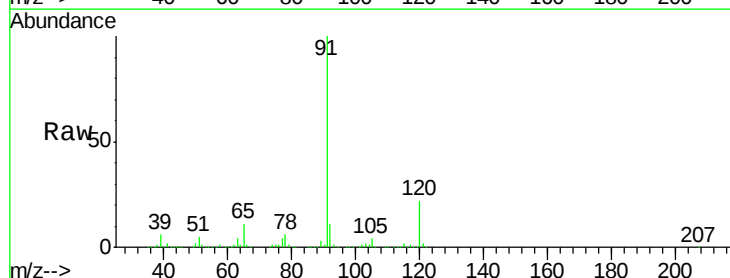
Acq: 28 Jun 2018 21:08

Tgt Ion: 91 Resp: 717890

Ion Ratio Lower Upper

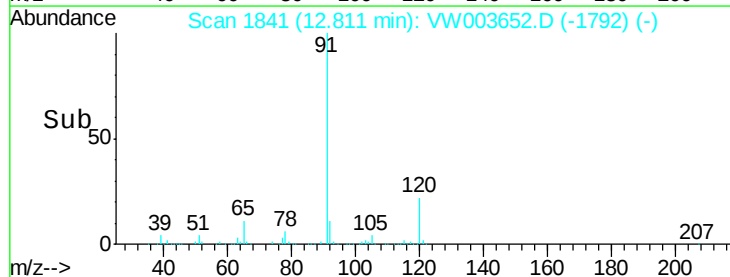
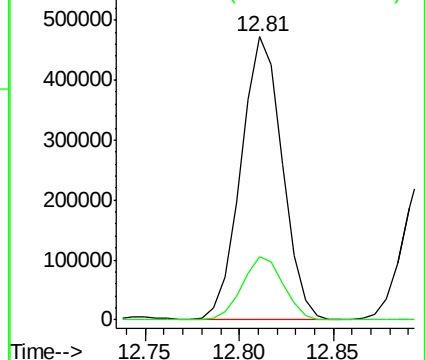
91 100

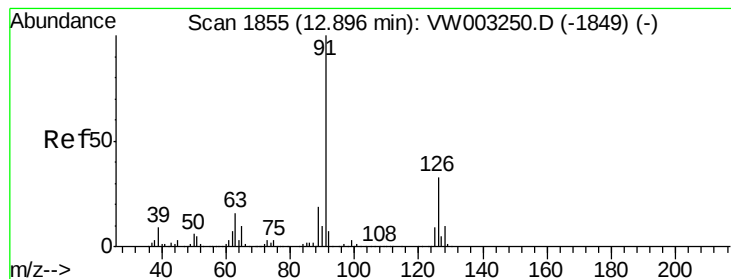
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.535 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

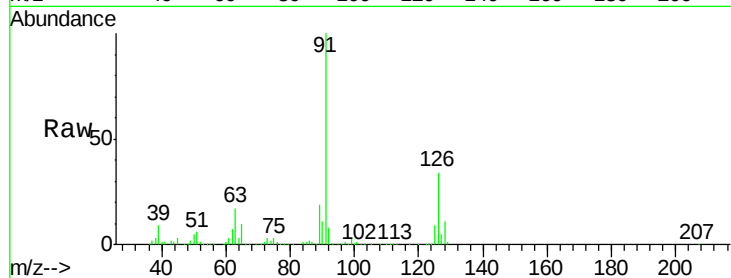
ClientSampleId :

Tot Ion: 91 Resp: 408012

Ion Ratio Lower Upper

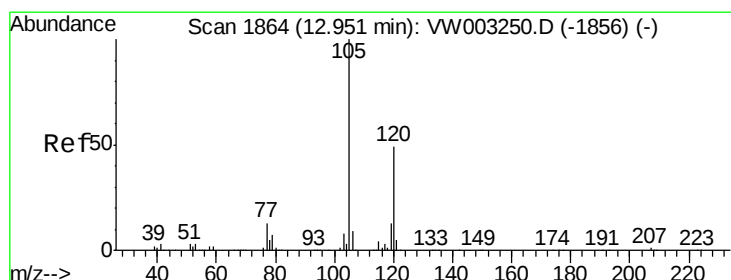
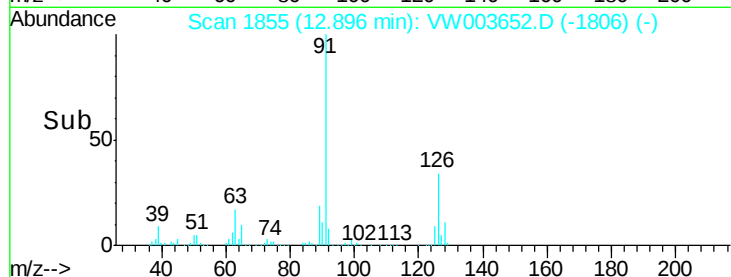
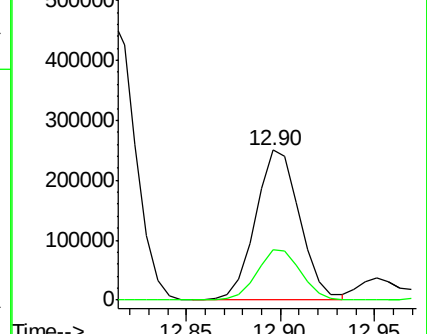
91 100

126 33.4 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: 52.630 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003652.D

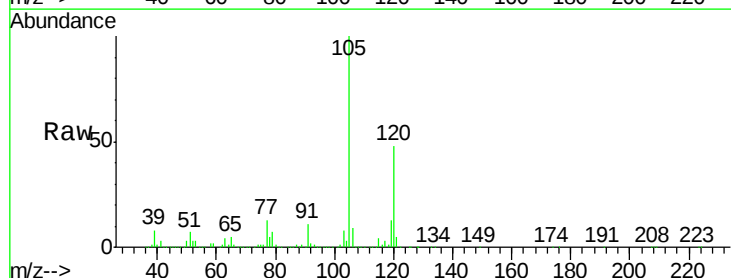
Acq: 28 Jun 2018 21:08

Tgt Ion:105 Resp: 495815

Ion Ratio Lower Upper

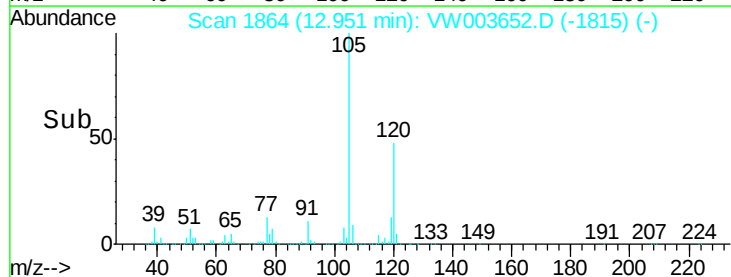
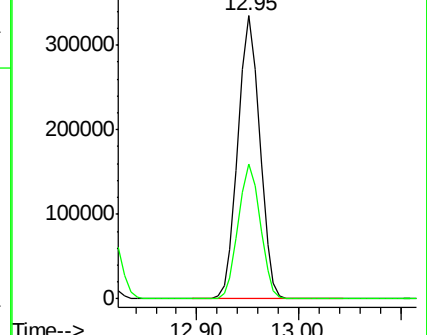
105 100

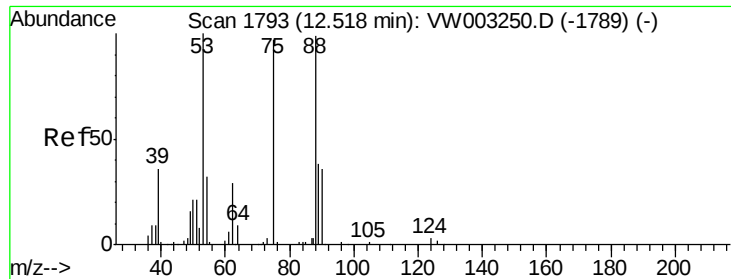
120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

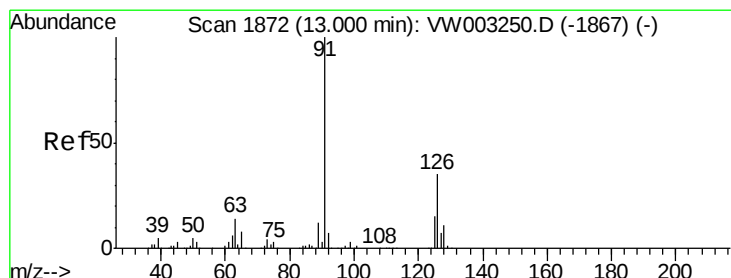
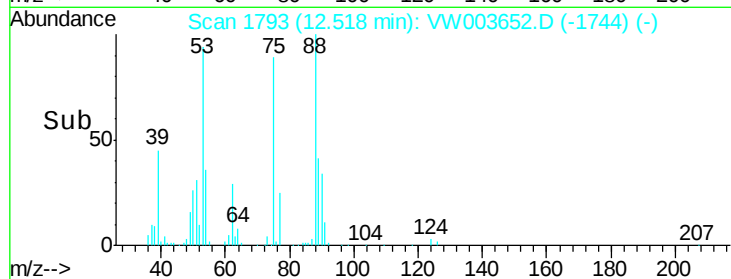
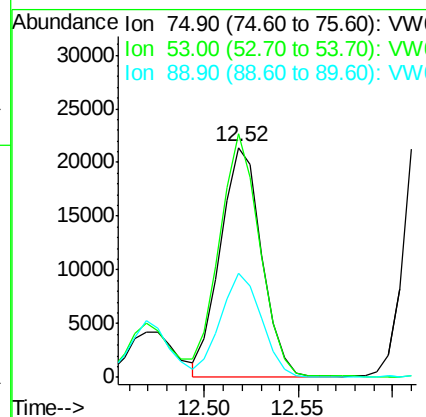
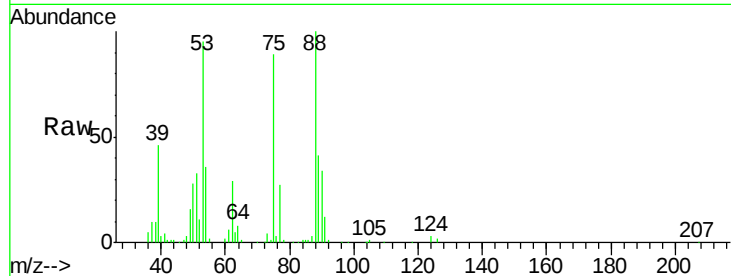




#81
trans-1,4-Dichloro-2-butene
Concen: 54.017 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

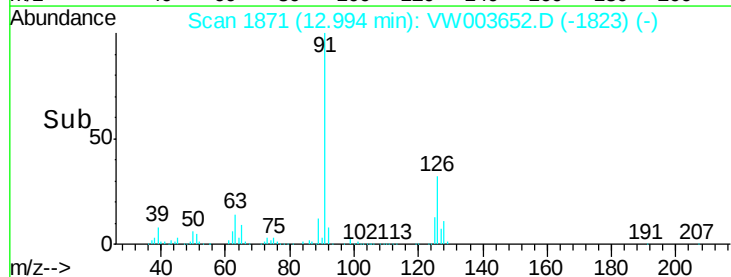
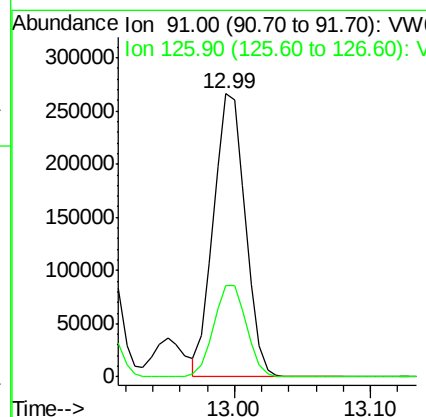
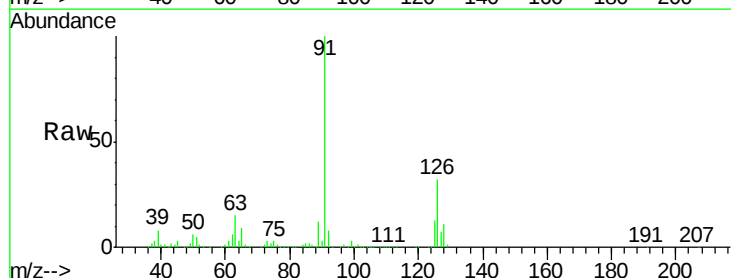
Instrument :
MSVOA_W
ClientSampleId :

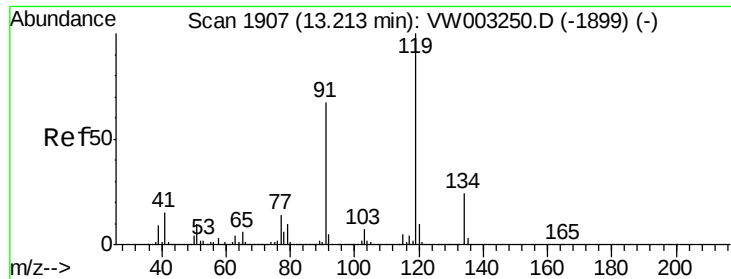
Tot Ion: 75 Resp: 32383
Ion Ratio Lower Upper
75 100
53 106.5 82.9 124.3
89 45.3 36.7 55.1



#82
4-Chlorotoluene
Concen: 52.159 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 91 Resp: 429727
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.3

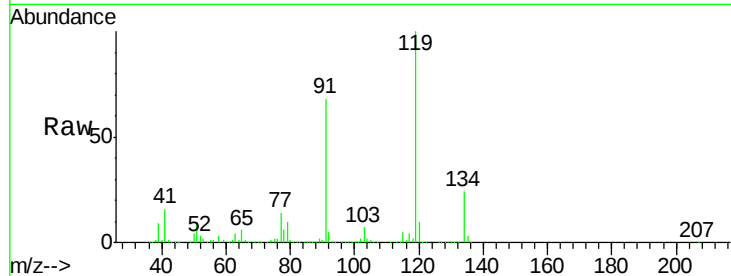




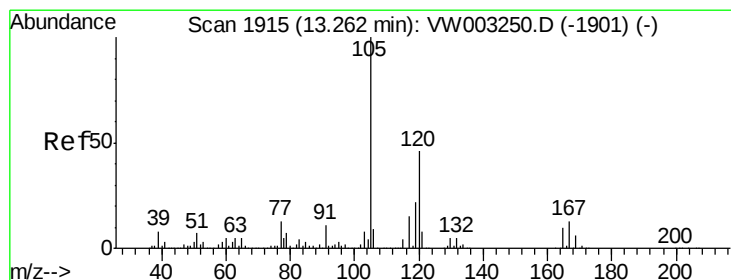
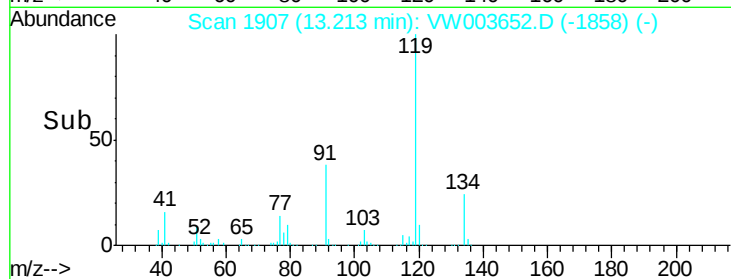
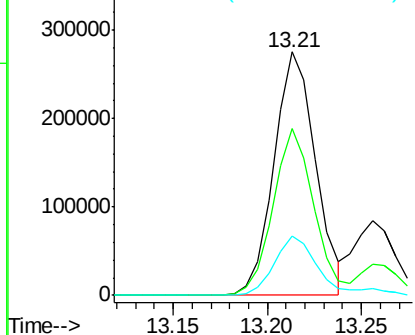
#83
tert-Butylbenzene
Concen: 52.423 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 420884
Ion Ratio Lower Upper
119 100
91 67.5 33.9 101.7
134 26.3 13.4 40.1

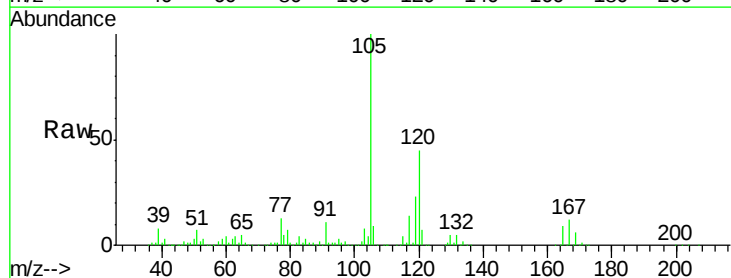


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

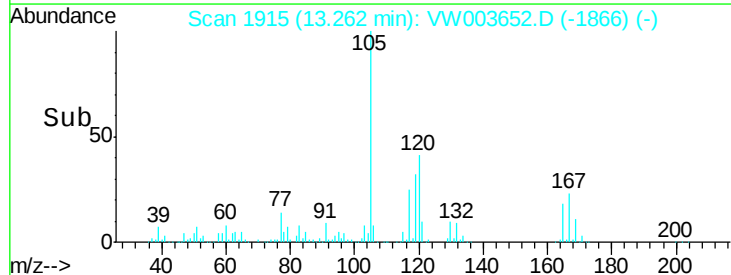
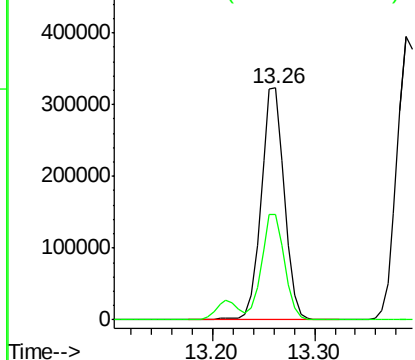


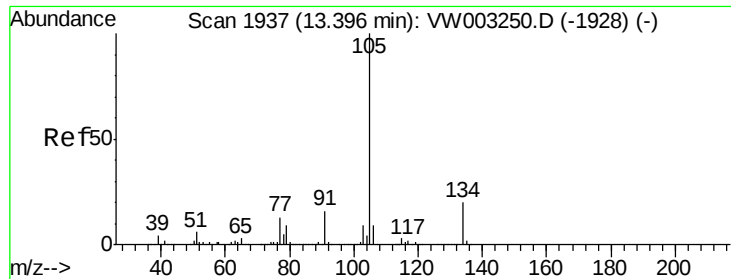
#84
1,2,4-Trimethylbenzene
Concen: 52.817 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion:105 Resp: 511843
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5



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

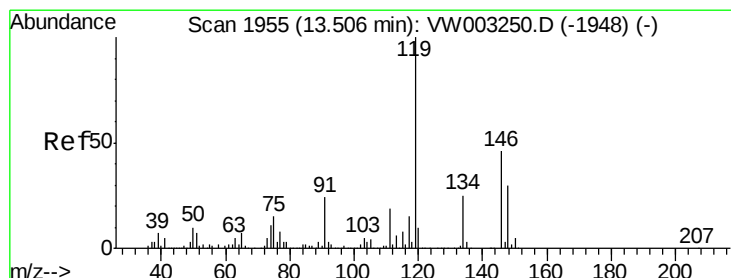
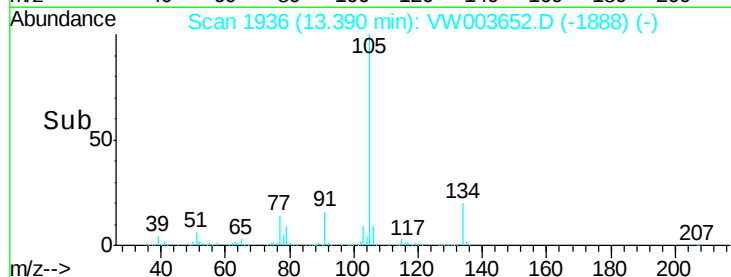
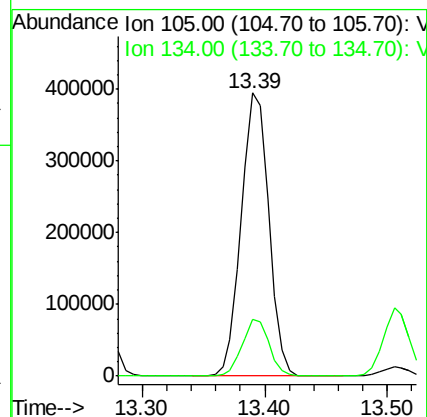
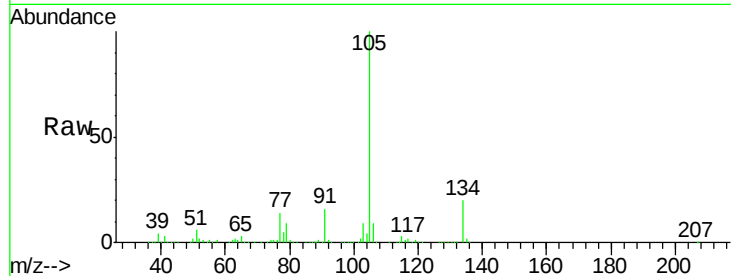




#85
 sec-Butylbenzene
 Concen: 51.527 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

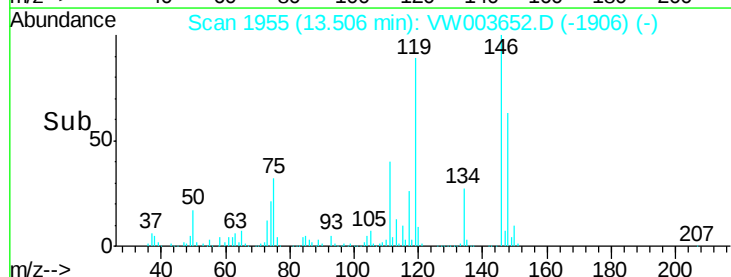
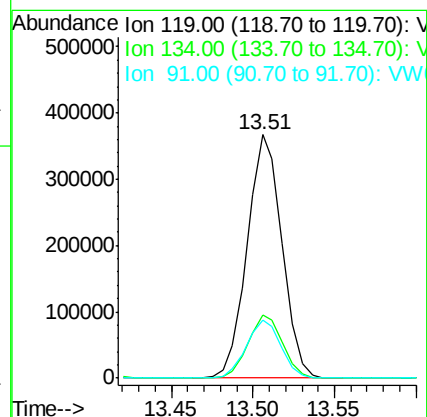
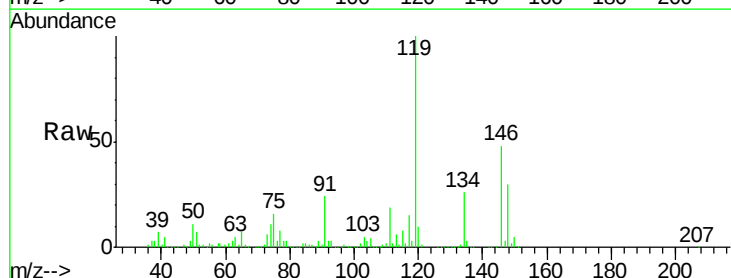
Instrument :
 MSVOA_W
 ClientSampled :

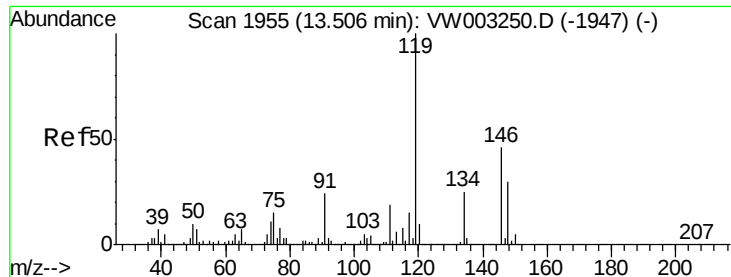
Tot Ion:105 Resp: 614900
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 51.661 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion:119 Resp: 543752
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 23.8 11.8 35.3

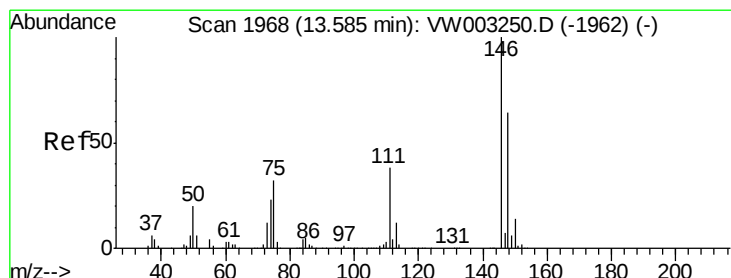
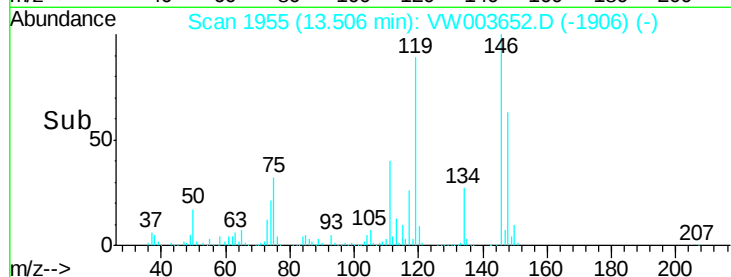
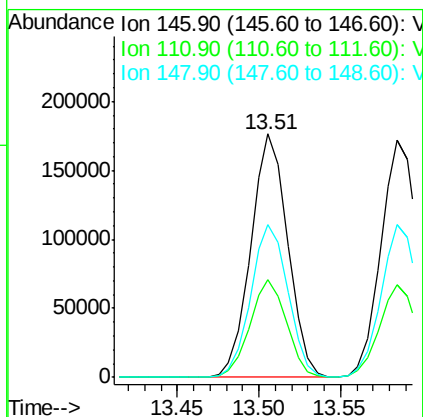
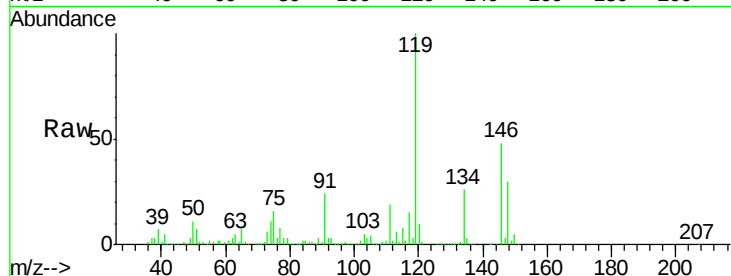




#87
 1,3-Dichlorobenzene
 Concen: 51.662 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

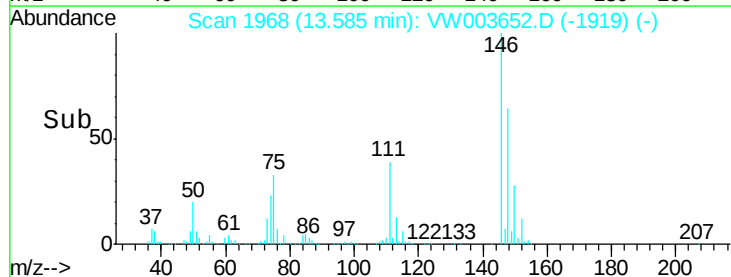
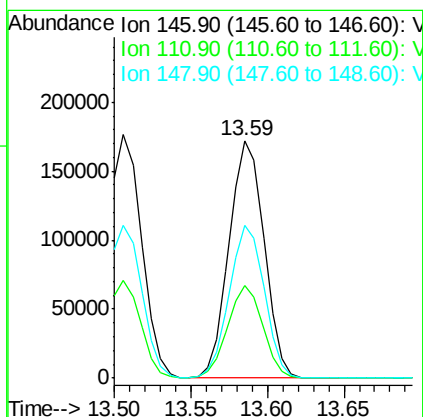
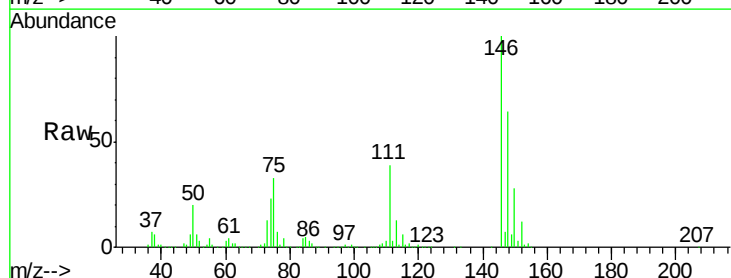
Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:146 Resp: 277404
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.4
 148 63.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.484 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion:146 Resp: 274829
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.2 57.6
 148 64.2 31.8 95.4

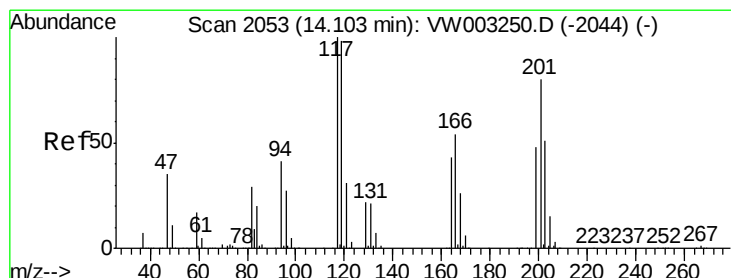
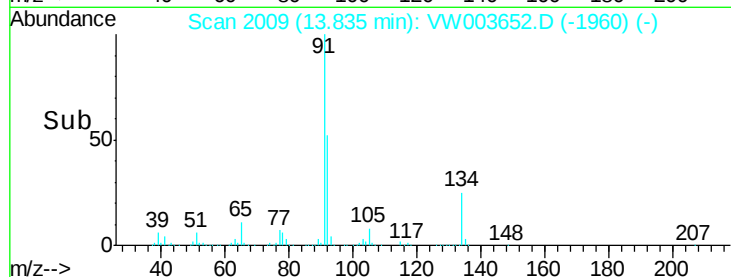
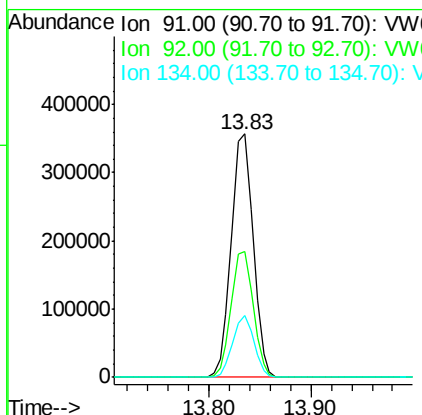
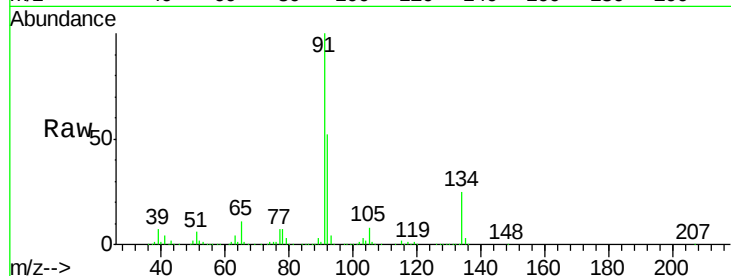




#89
n-Butylbenzene
Concen: 51.703 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

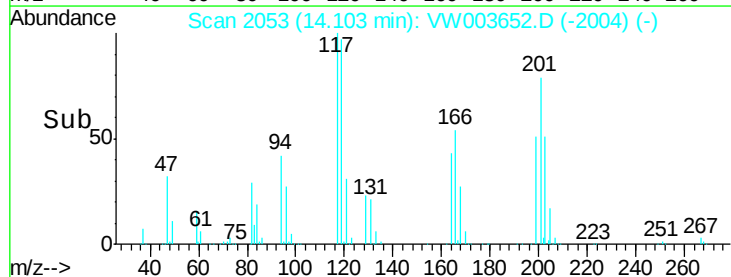
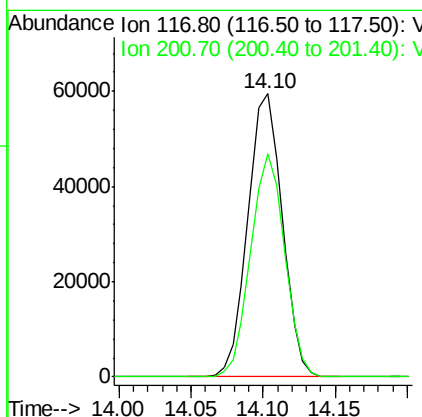
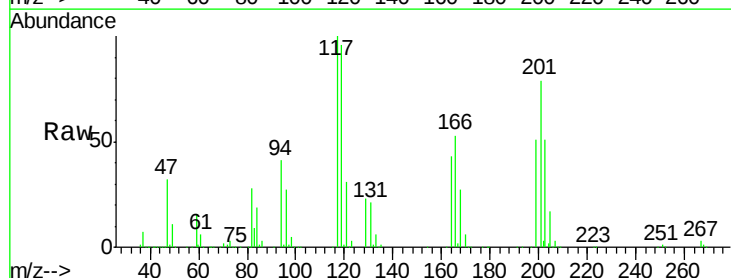
Instrument :
MSVOA_W
ClientSampleId :

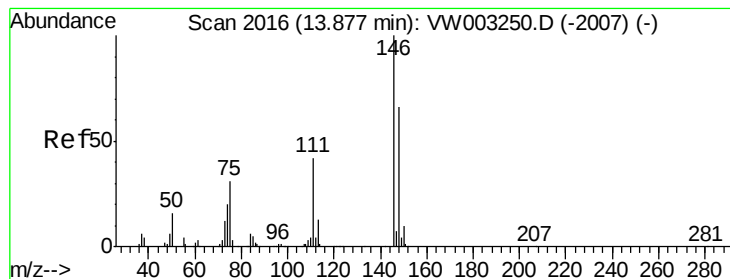
Tot Ion: 91 Resp: 530459
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 24.7 12.7 38.0



#90
Hexachloroethane
Concen: 51.739 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 117 Resp: 98512
Ion Ratio Lower Upper
117 100
201 77.7 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 53.086 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

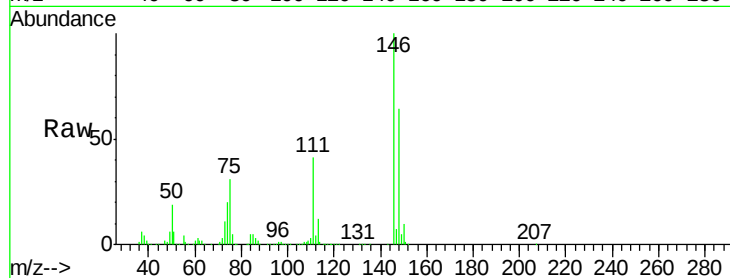
Tot Ion:146 Resp: 249697

Ion Ratio Lower Upper

146 100

111 41.3 20.3 61.0

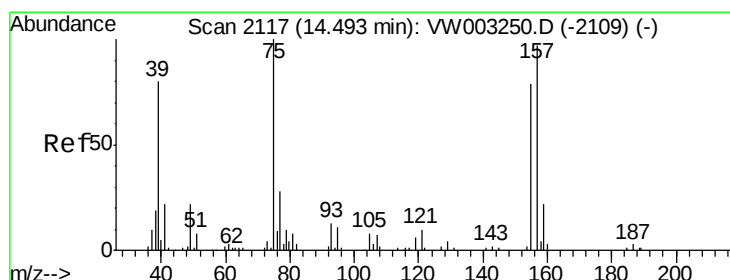
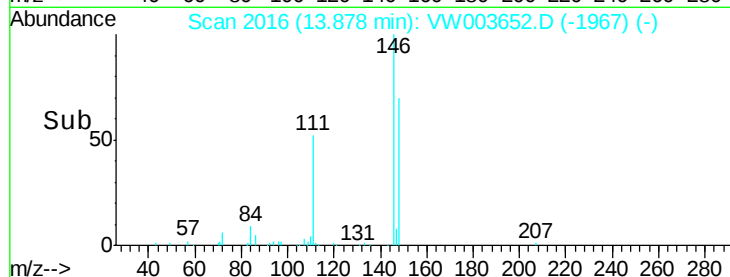
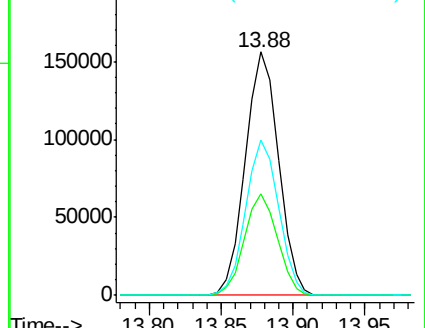
148 63.4 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.405 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

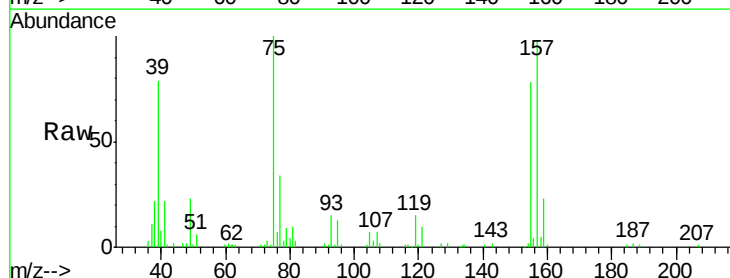
Tgt Ion: 75 Resp: 18343

Ion Ratio Lower Upper

75 100

155 80.6 39.4 118.2

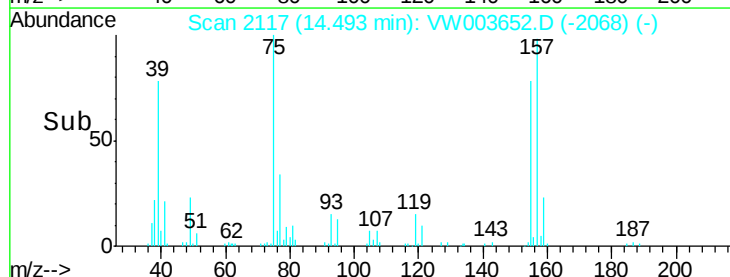
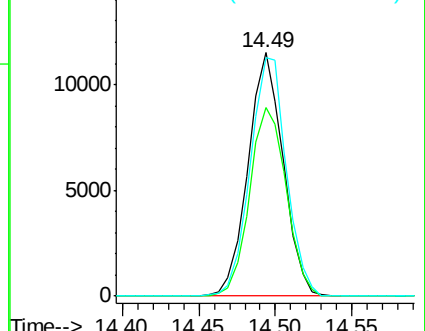
157 101.3 51.5 154.5

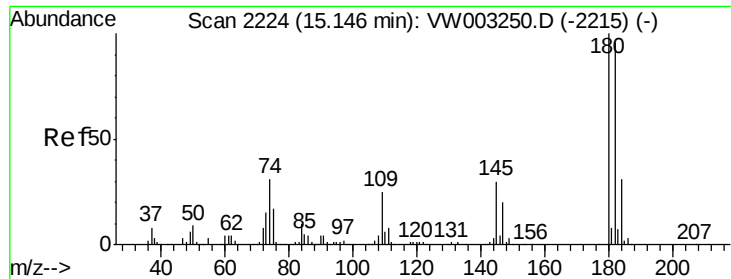


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

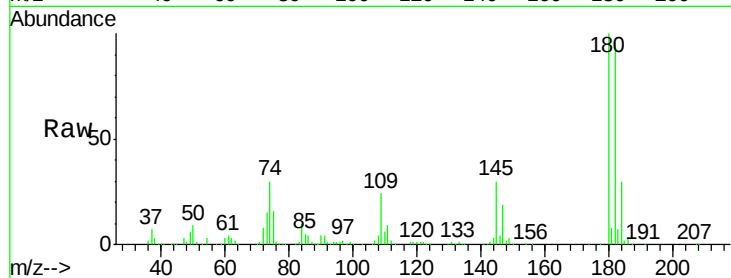




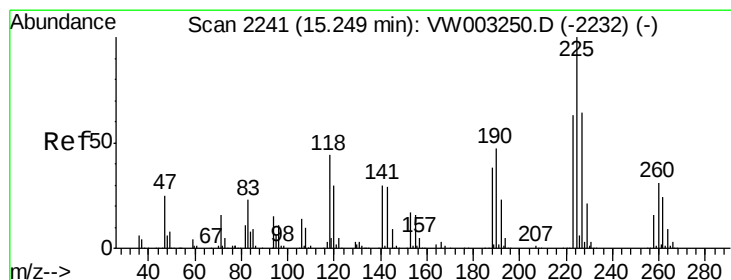
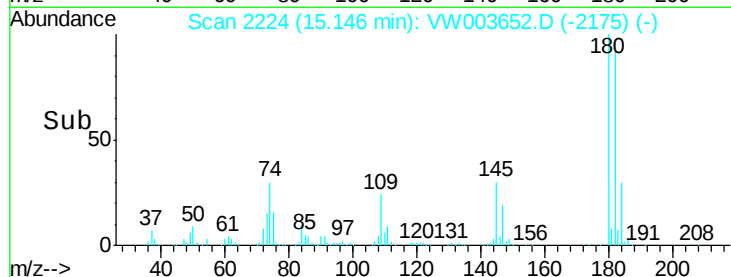
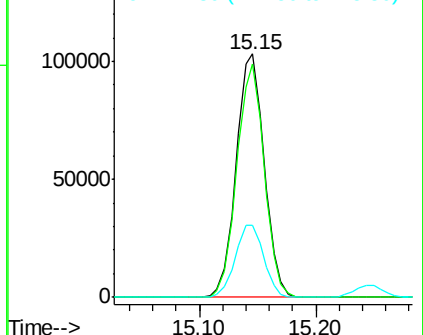
#93
 1,2,4-Trichlorobenzene
 Concen: 52.405 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 173040
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.9 143.6
 145 30.4 15.2 45.5

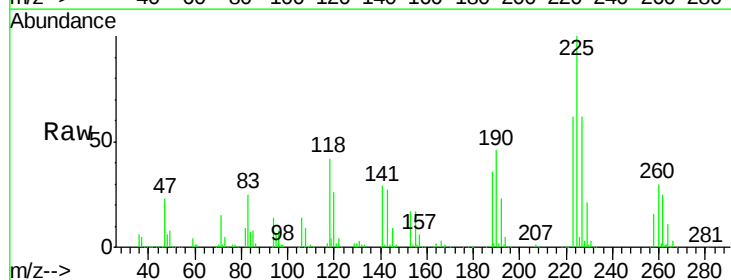


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

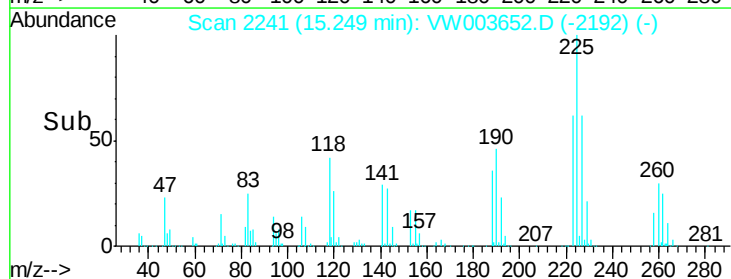
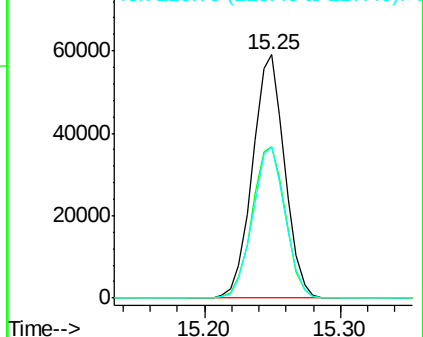


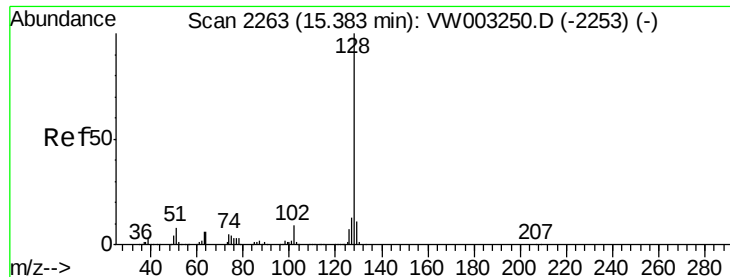
#94
 Hexachlorobutadiene
 Concen: 49.191 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion:225 Resp: 97706
 Ion Ratio Lower Upper
 225 100
 223 64.4 30.6 92.0
 227 62.5 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

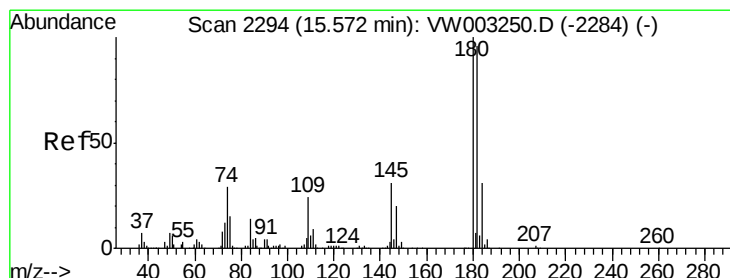
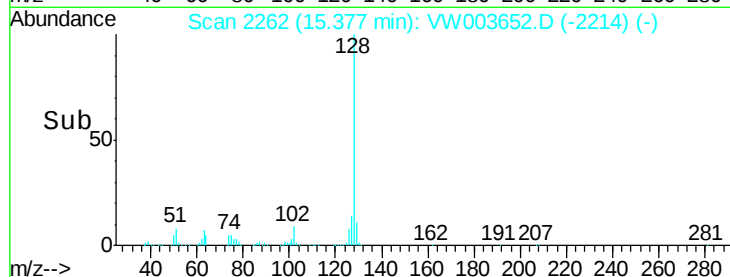
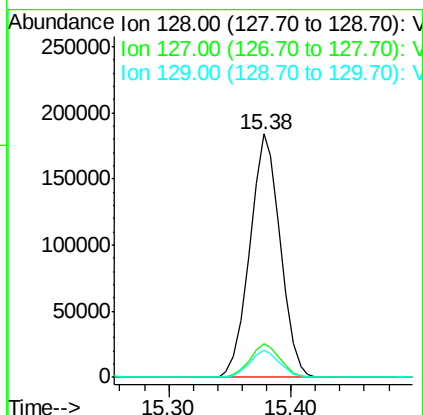
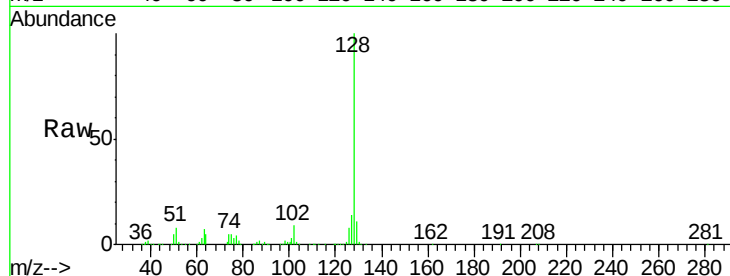




#95
Naphthalene
Concen: 56.927 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	10.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.043 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.6
145	31.5	15.8	47.4

