

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003636.D
 Acq On : 28 Jun 2018 14:14
 Operator : SY/AP
 Sample : J3709-02MS
 Misc : 4.11G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:43:34 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	149831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	232072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	171547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	56987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104803	64.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.16%	
35) Dibromofluoromethane	7.88	113	87253	60.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.02%	
50) Toluene-d8	10.33	98	290274	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	74102	36.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	31426	69.377	ug/l	85
3) Chloromethane	2.21	50	62907	54.965	ug/l	95
4) Vinyl Chloride	2.36	62	92313	55.329	ug/l	97
5) Bromomethane	2.78	94	56313	50.781	ug/l	93
6) Chloroethane	2.92	64	57914	49.868	ug/l	98
7) Trichlorofluoromethane	3.25	101	50106	50.130	ug/l	100
8) Diethyl Ether	3.68	74	45717	62.263	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62625	45.121	ug/l	100
10) Methyl Iodide	4.26	142	114843	54.712	ug/l	99
11) Tert butyl alcohol	5.24	59	29445	338.302	ug/l	98
12) 1,1-Dichloroethene	4.03	96	72814	53.684	ug/l	97
13) Acrolein	3.90	56	8795	70.676	ug/l	95
14) Allyl chloride	4.66	41	137259	58.422	ug/l	99
15) Acrylonitrile	5.38	53	105357	348.753	ug/l	99
16) Acetone	4.15	43	133518	392.272	ug/l	99
17) Carbon Disulfide	4.37	76	198680	49.548	ug/l	100
18) Methyl Acetate	4.68	43	125650	155.611	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	173992	68.491	ug/l	98
20) Methylene Chloride	4.91	84	93706	65.982	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	81983	55.539	ug/l	98
22) Diisopropyl ether	6.31	45	297772	62.975	ug/l	98
23) Vinyl Acetate	6.26	43	359822	132.054	ug/l	100
24) 1,1-Dichloroethane	6.21	63	165335	58.900	ug/l	98
25) 2-Butanone	7.19	43	148979	351.994	ug/l	98
26) 2,2-Dichloropropane	7.17	77	99292	53.001	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	91419	56.377	ug/l	98
28) Bromochloromethane	7.51	49	78310	67.040	ug/l	97
29) Tetrahydrofuran	7.54	42	93225	360.400	ug/l	98
30) Chloroform	7.68	83	164765	57.615	ug/l	98
31) Cyclohexane	7.96	56	91216	34.783	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	124329	52.670	ug/l	99
36) 1,1-Dichloropropene	8.09	75	110010	49.085	ug/l	99
37) Ethyl Acetate	7.26	43	51715	55.699	ug/l	100
38) Carbon Tetrachloride	8.07	117	105668	48.066	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62950	24.275	ug/l	96
40) Benzene	8.32	78	341860	55.337	ug/l	100
41) Methacrylonitrile	7.49	41	34968	61.373	ug/l	92
42) 1,2-Dichloroethane	8.40	62	122025	63.045	ug/l	98
43) Isopropyl Acetate	8.43	43	110611	59.997	ug/l	99
44) Trichloroethene	9.10	130	79170	48.364	ug/l	98
45) 1,2-Dichloropropane	9.37	63	91643	58.262	ug/l	100
46) Dibromomethane	9.46	93	48607	60.358	ug/l	98
47) Bromodichloromethane	9.65	83	116088	56.238	ug/l	99
48) Methyl methacrylate	9.44	41	69306	79.992	ug/l	93
49) 1,4-Dioxane	9.49	88	15575	1280.910	ug/l	79
51) 4-Methyl-2-Pentanone	10.22	43	330535	351.849	ug/l	100
52) Toluene	10.39	92	189864	47.927	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	117314	55.635	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	134494	56.040	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	67355	59.354	ug/l	98
56) Ethyl methacrylate	10.65	69	77646	56.346	ug/l	96
57) 1,3-Dichloropropane	10.94	76	117537	60.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	202739	328.196	ug/l	99
59) 2-Hexanone	10.98	43	223489	340.544	ug/l	99
60) Dibromochloromethane	11.13	129	71719	53.144	ug/l	100
61) 1,2-Dibromoethane	11.24	107	61427	57.226	ug/l	99
64) Tetrachloroethene	10.87	164	50153	43.710	ug/l	98
65) Chlorobenzene	11.66	112	177964	49.817	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	71731	57.139	ug/l	99
67) Ethyl Benzene	11.74	91	301731	47.649	ug/l	99
68) m/p-Xylenes	11.85	106	225525	93.689	ug/l	99
69) o-Xylene	12.17	106	106287	47.643	ug/l	99
70) Styrene	12.19	104	175432	47.244	ug/l	100
71) Bromoform	12.35	173	40759	62.646	ug/l #	99
73) Isopropylbenzene	12.47	105	241359	60.893	ug/l	100
74) N-amyl acetate	12.28	43	60740	67.326	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	69813	104.110	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	95652	196.341	ug/l #	100
77) Bromobenzene	12.76	156	61910	67.068	ug/l	86
78) n-propylbenzene	12.81	91	260733	53.721	ug/l	99
79) 2-Chlorotoluene	12.90	91	156423	57.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	177945	53.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	23342	110.251	ug/l	96
82) 4-Chlorotoluene	12.99	91	163322	56.132	ug/l	100
83) tert-Butylbenzene	13.21	119	138261	48.763	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	183139	53.512	ug/l	99
85) sec-Butylbenzene	13.40	105	169936	40.322	ug/l	99
86) p-Isopropyltoluene	13.51	119	148313	39.900	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	88496	46.667	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	89378	47.410	ug/l	99
89) n-Butylbenzene	13.83	91	112388	31.018	ug/l	98
90) Hexachloroethane	14.10	117	25694	38.211	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	80638	48.545	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10449	92.594	ug/l	97

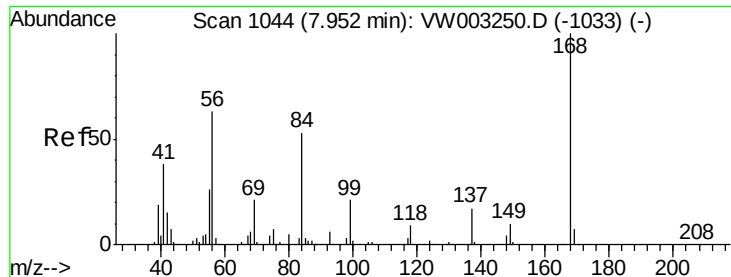
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	26905	23.072	ug/l	98
94) Hexachlorobutadiene	15.24	225	12612	17.980	ug/l	98
95) Naphthalene	15.38	128	71165	35.977	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22326	21.751	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

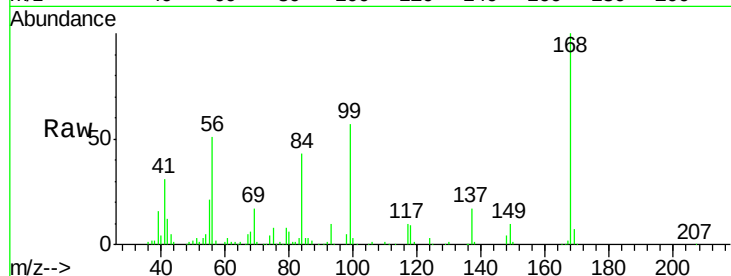
ClientSampled :

Tot Ion:168 Resp: 149831

Ion Ratio Lower Upper

168 100

99 56.7 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

80000

60000

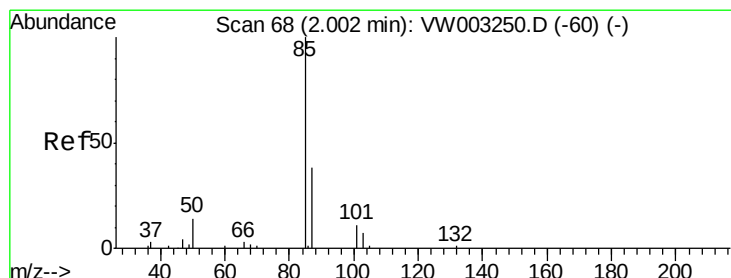
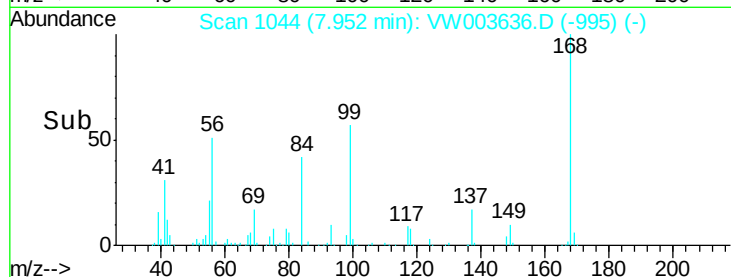
40000

20000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 69.377 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003636.D

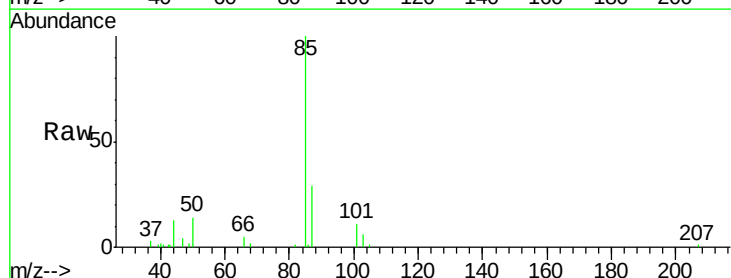
Acq: 28 Jun 2018 14:14

Tgt Ion: 85 Resp: 31426

Ion Ratio Lower Upper

85 100

87 29.0 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

10000

8000

6000

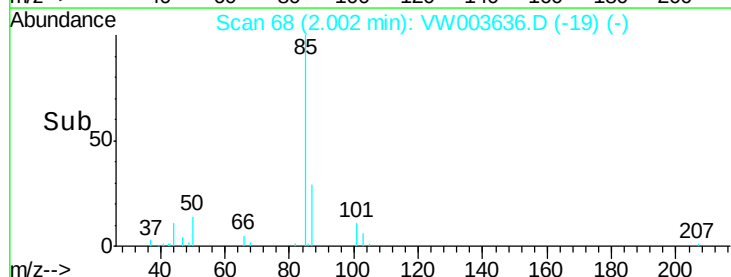
4000

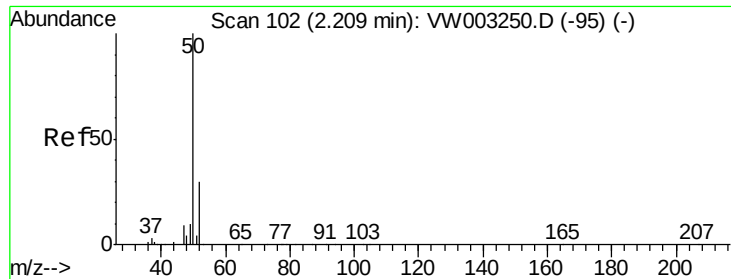
2000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 54.965 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

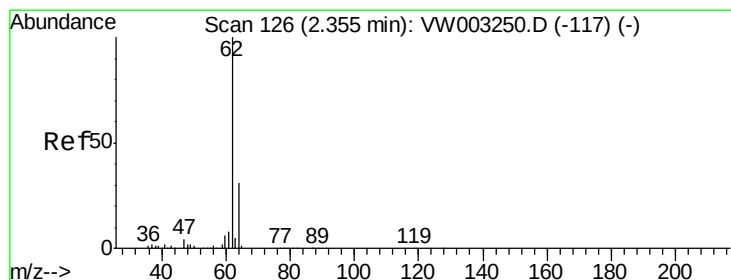
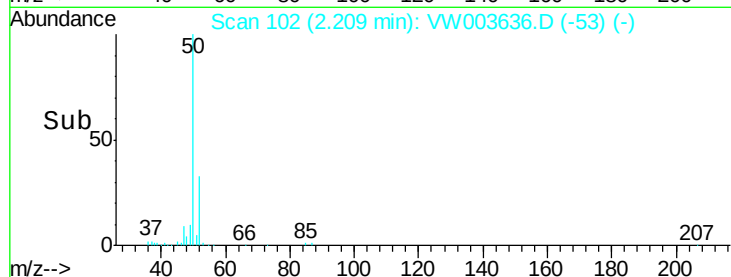
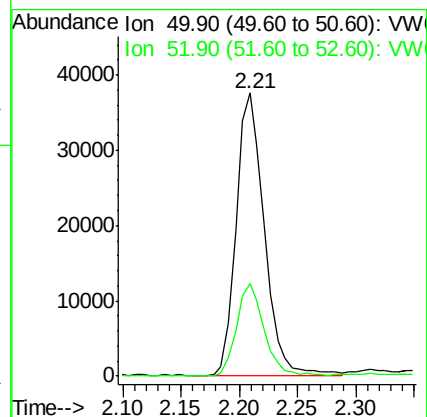
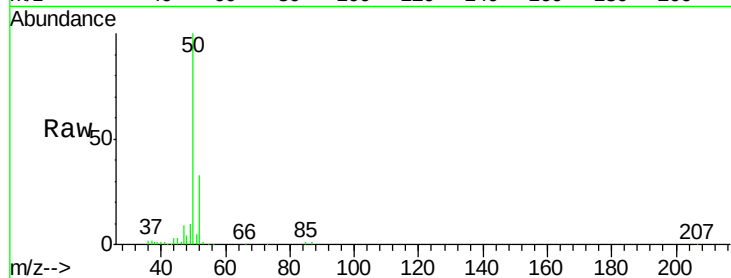
ClientSampleId :

Tot Ion: 50 Resp: 62907

Ion Ratio Lower Upper

50 100

52 33.0 24.2 36.2



#4

Vinyl Chloride

Concen: 55.329 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003636.D

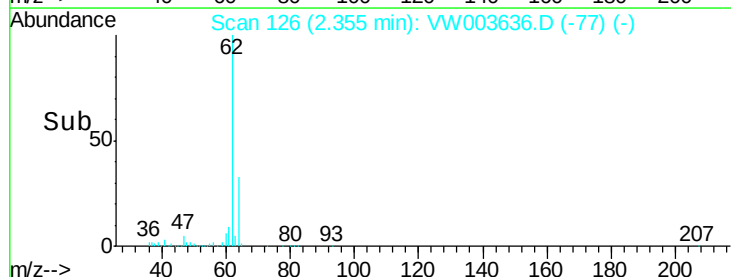
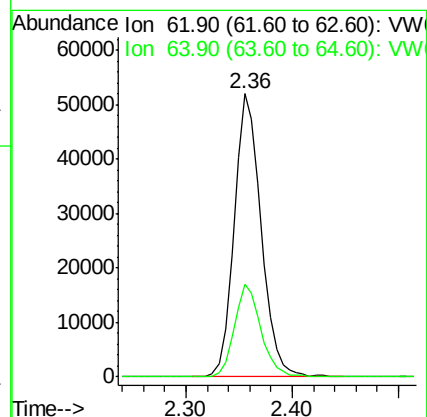
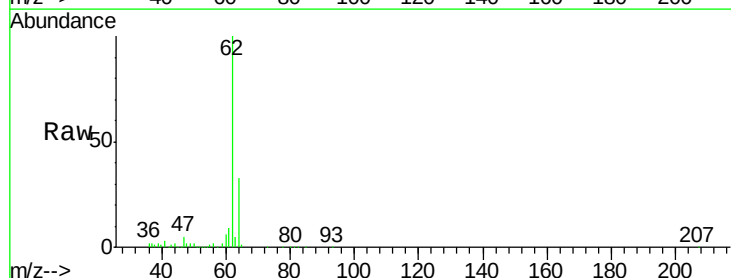
Acq: 28 Jun 2018 14:14

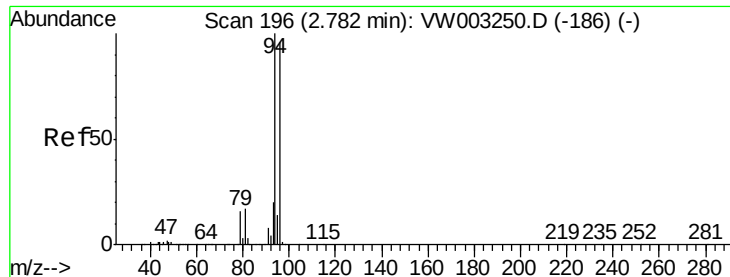
Tgt Ion: 62 Resp: 92313

Ion Ratio Lower Upper

62 100

64 32.5 24.9 37.3





#5

Bromomethane

Concen: 50.781 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

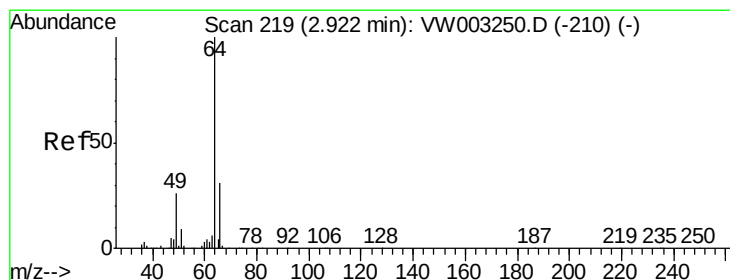
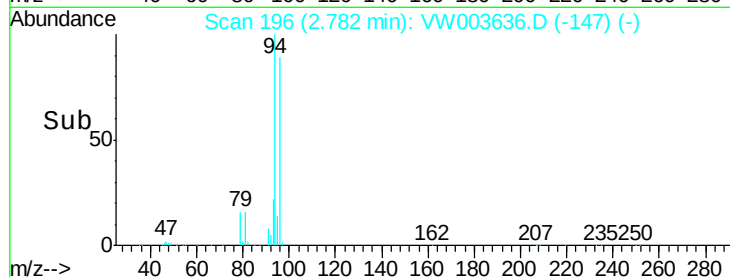
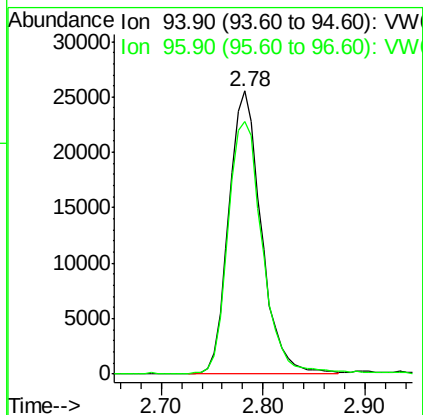
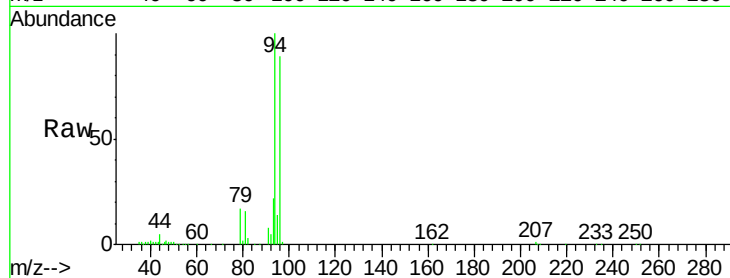
ClientSampleId :

Tot Ion: 94 Resp: 56313

Ion Ratio Lower Upper

94 100

96 88.9 76.5 114.7



#6

Chloroethane

Concen: 49.868 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003636.D

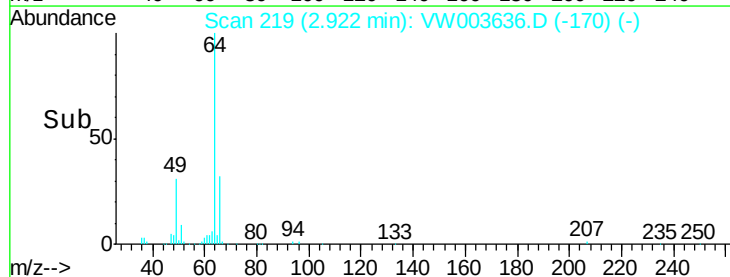
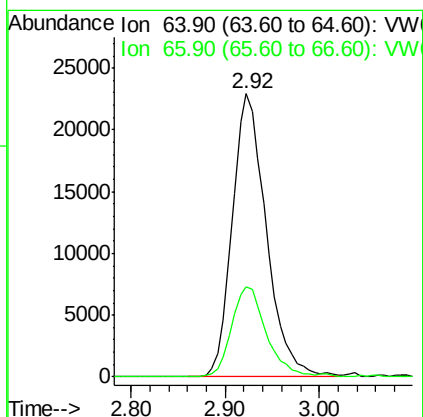
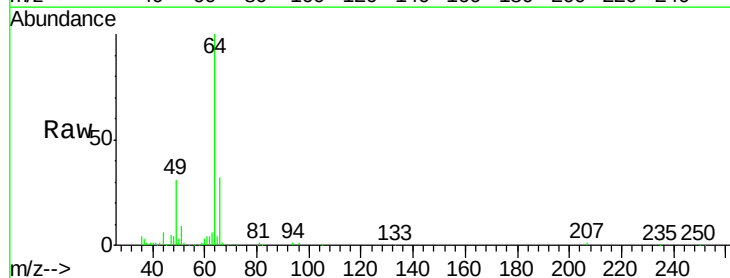
Acq: 28 Jun 2018 14:14

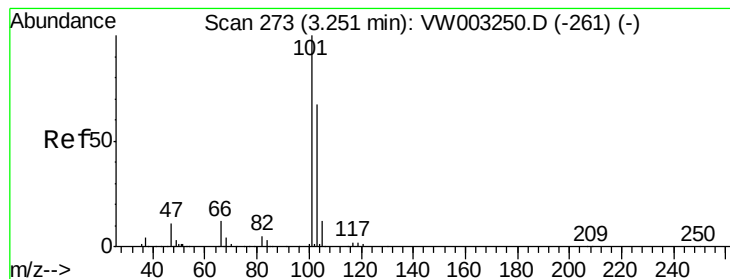
Tgt Ion: 64 Resp: 57914

Ion Ratio Lower Upper

64 100

66 31.8 24.4 36.6



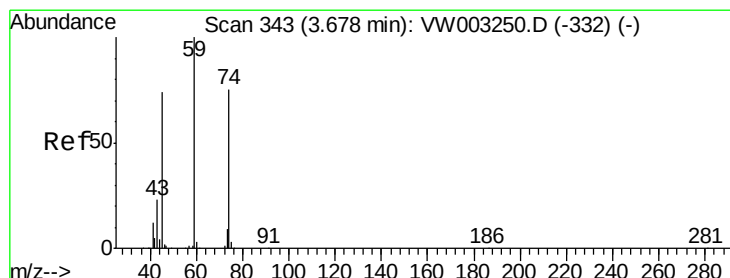
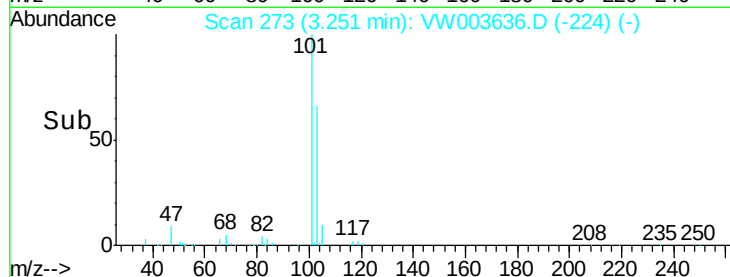
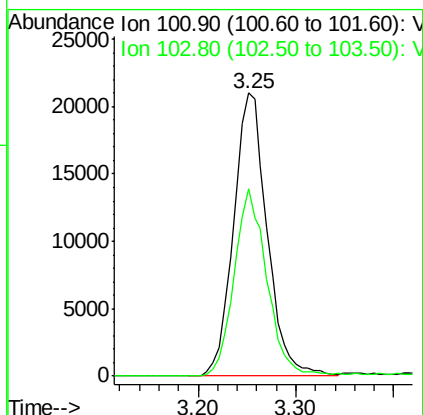
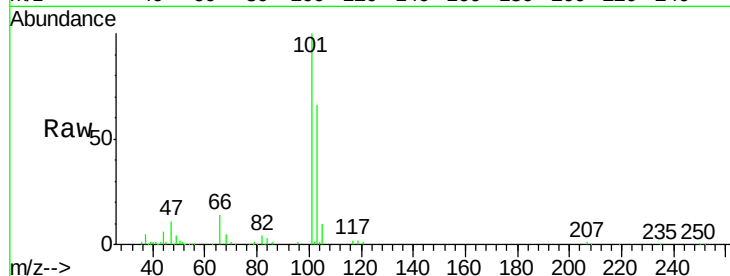


#7

Trichlorofluoromethane
Concen: 50.130 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :

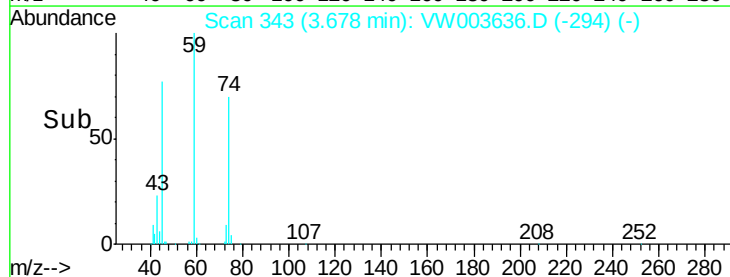
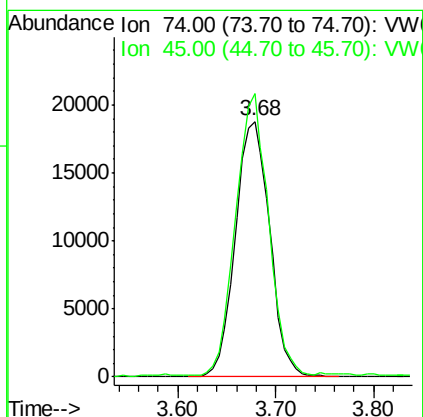
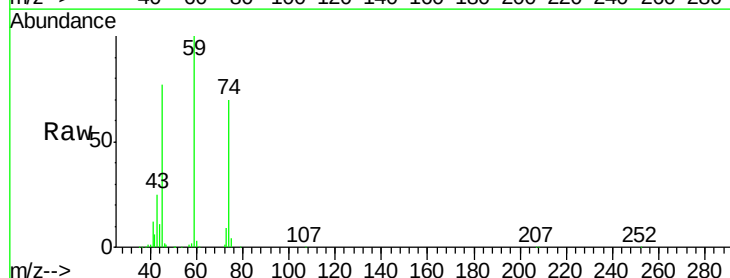
Tot Ion:101 Resp: 50106
Ion Ratio Lower Upper
101 100
103 66.4 53.4 80.0

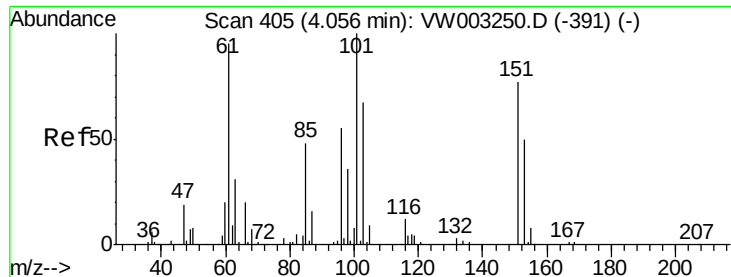


#8

Diethyl Ether
Concen: 62.263 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 74 Resp: 45717
Ion Ratio Lower Upper
74 100
45 106.0 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.121 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampled :

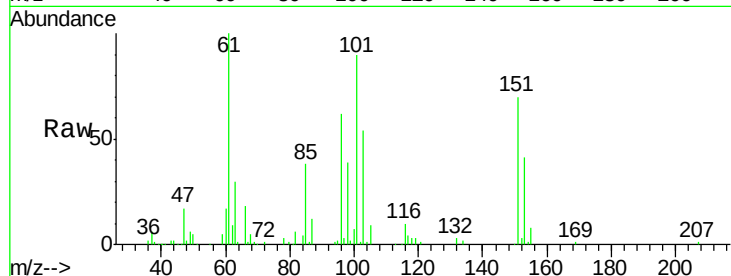
Tot Ion:101 Resp: 62625

Ion Ratio Lower Upper

101 100

85 46.2 37.0 55.6

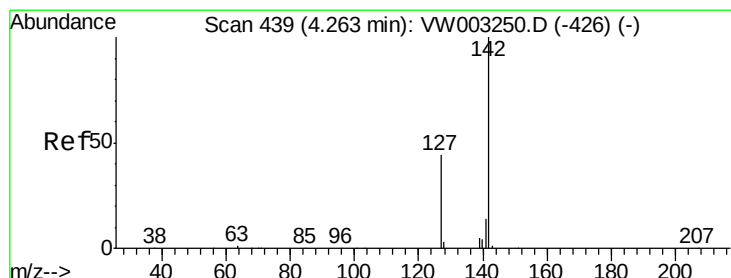
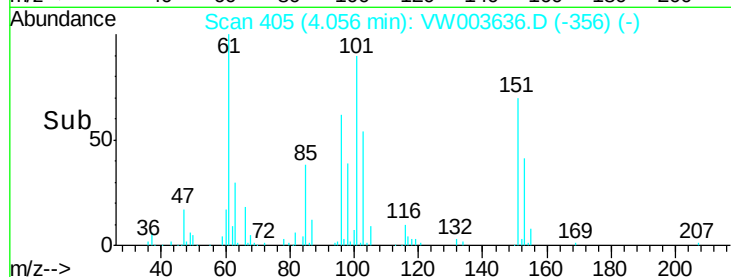
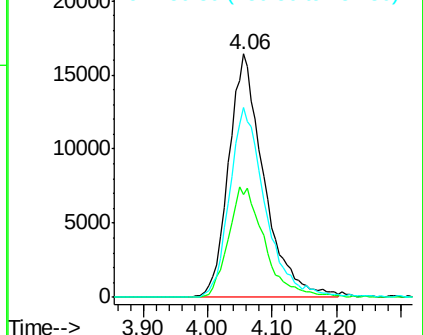
151 78.8 63.3 94.9



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: 54.712 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

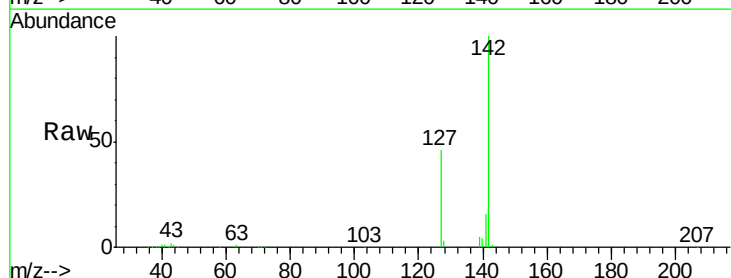
Tgt Ion:142 Resp: 114843

Ion Ratio Lower Upper

142 100

127 45.8 36.5 54.7

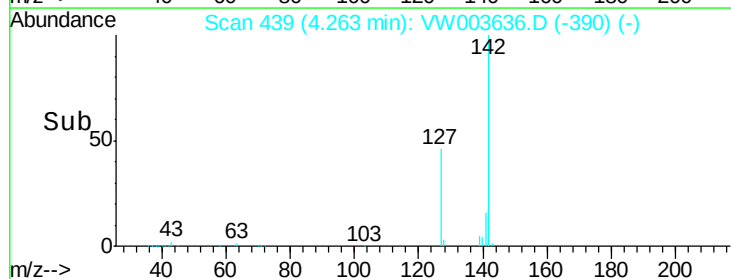
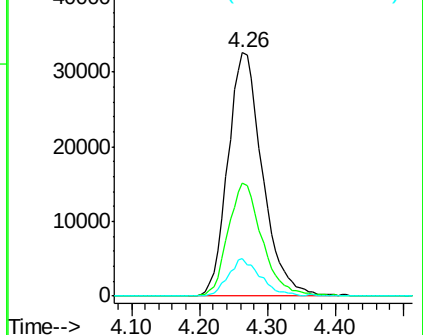
141 14.4 12.1 18.1

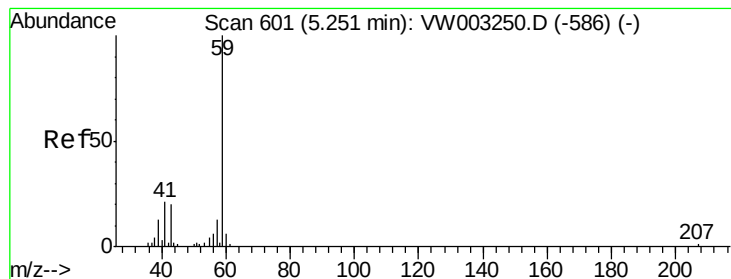


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



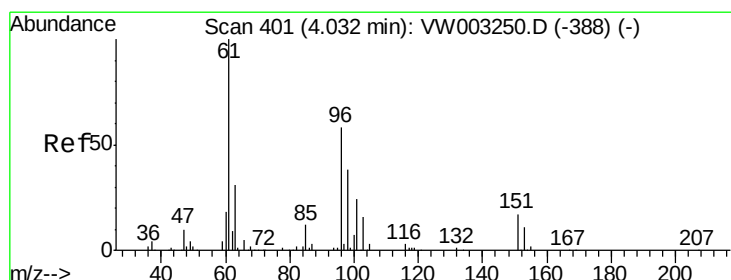
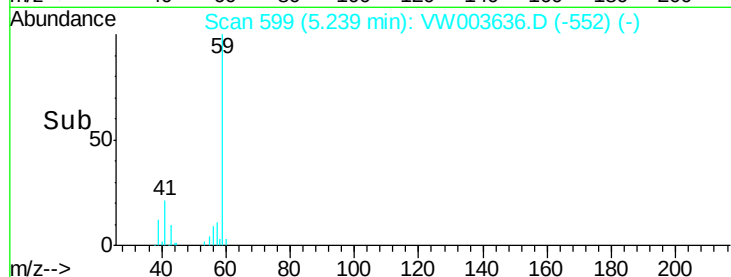
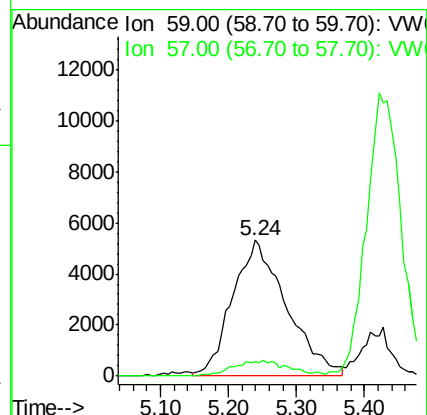
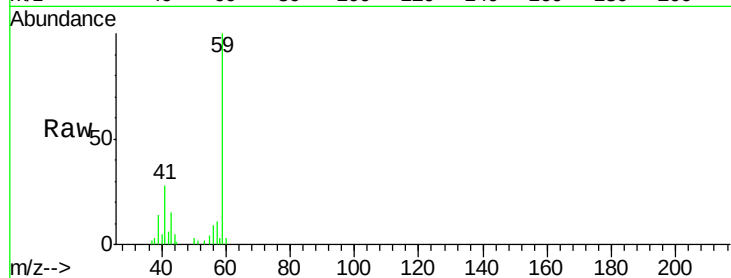


#11

Tert butyl alcohol
Concen: 338.302 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampled :

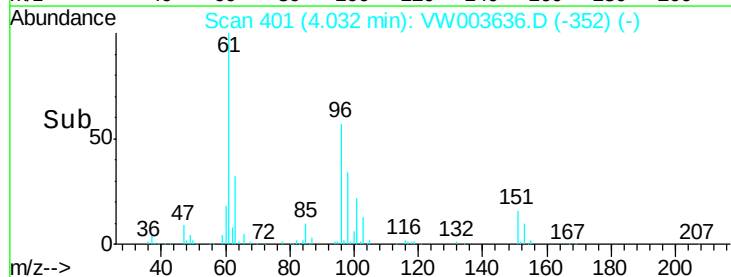
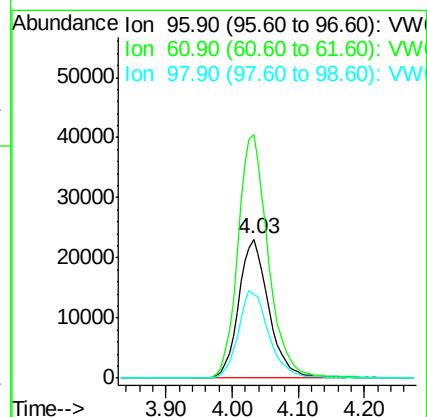
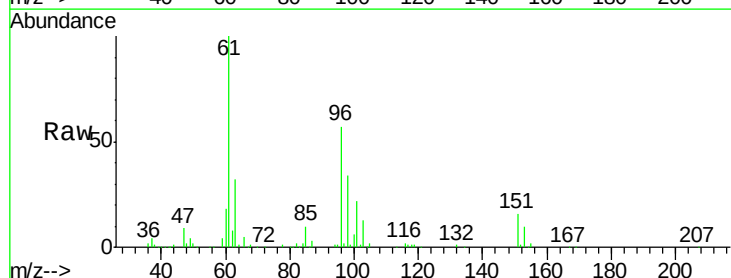
Tot Ion: 59 Resp: 29445
Ion Ratio Lower Upper
59 100
57 5.8 4.2 6.2

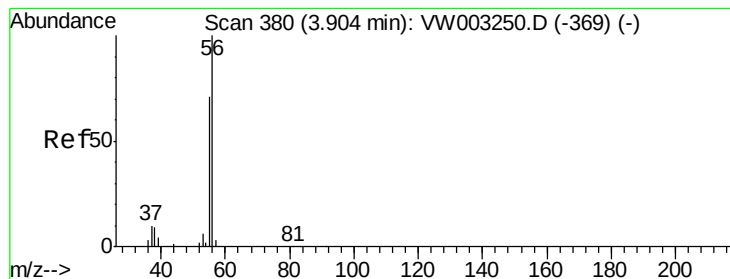


#12

1,1-Dichloroethene
Concen: 53.684 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 96 Resp: 72814
Ion Ratio Lower Upper
96 100
61 175.6 139.0 208.4
98 60.5 53.3 79.9





#13

Acrolein

Concen: 70.676 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

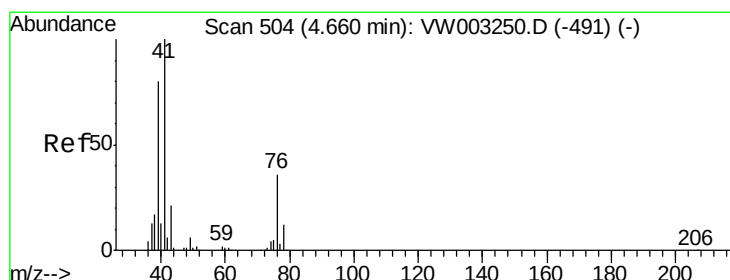
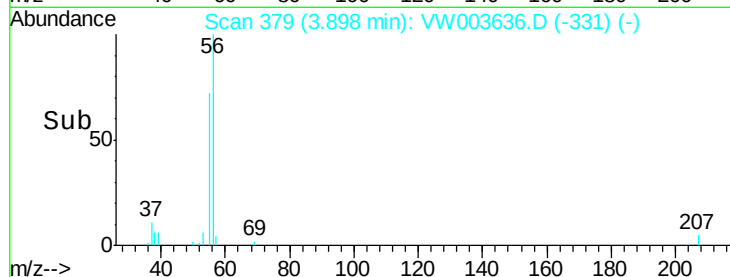
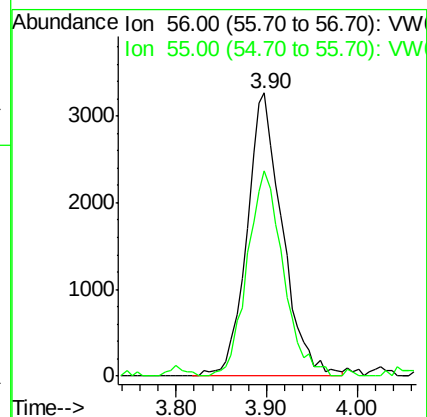
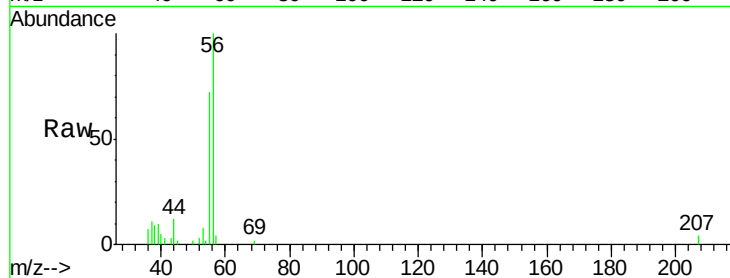
ClientSampleId :

Tot Ion: 56 Resp: 8795

Ion Ratio Lower Upper

56 100

55 73.7 55.4 83.2



#14

Allyl chloride

Concen: 58.422 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

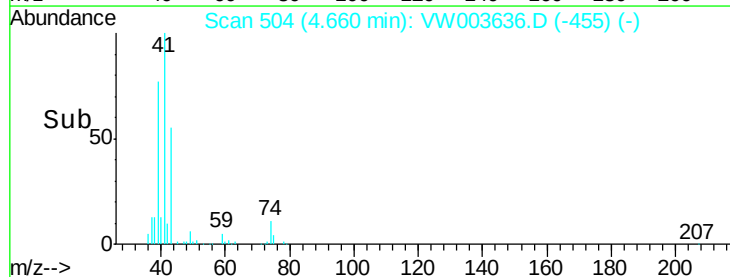
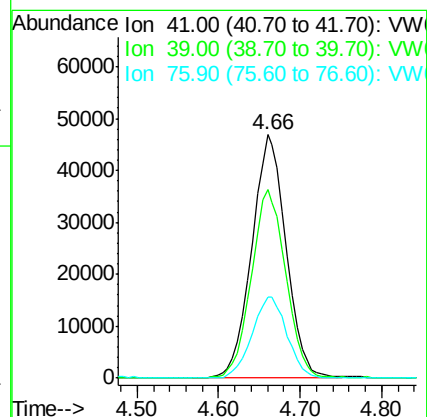
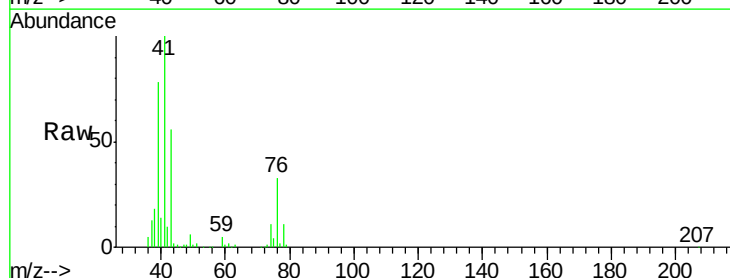
Tgt Ion: 41 Resp: 137259

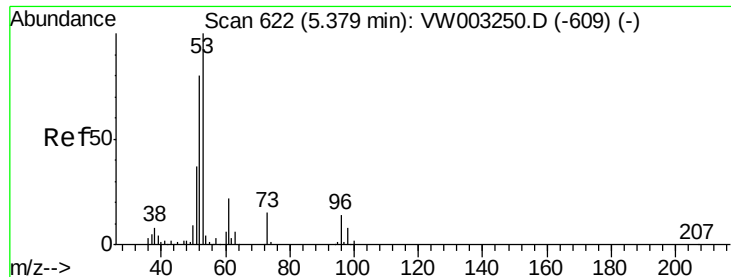
Ion Ratio Lower Upper

41 100

39 78.1 63.2 94.8

76 33.8 28.0 42.0





#15

Acrylonitrile

Concen: 348.753 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

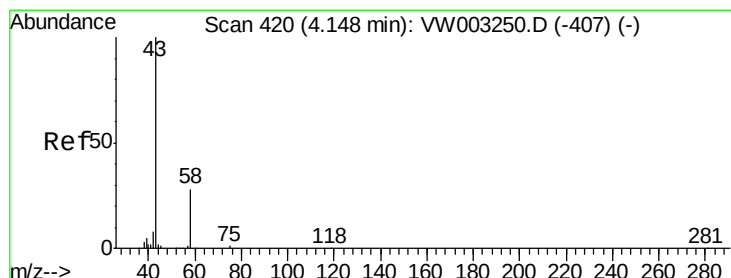
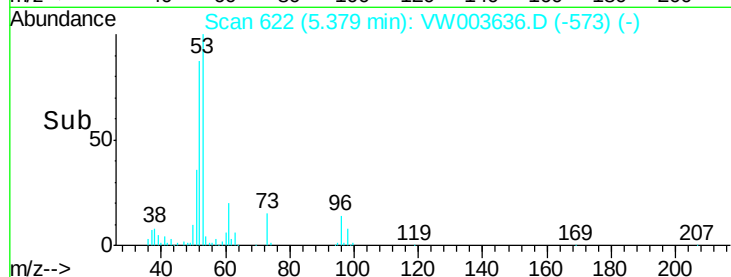
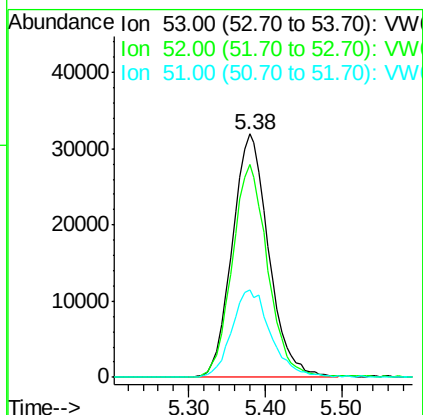
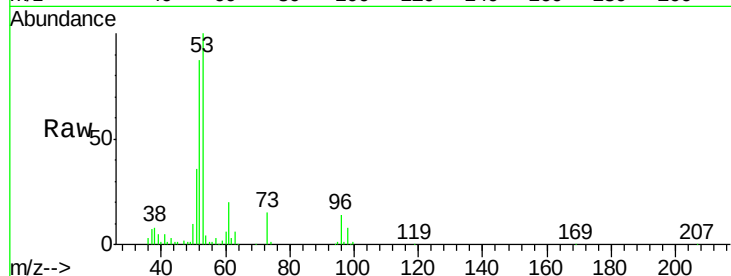
Tot Ion: 53 Resp: 105357

Ion Ratio Lower Upper

53 100

52 85.1 66.6 100.0

51 38.2 30.6 46.0



#16

Acetone

Concen: 392.272 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003636.D

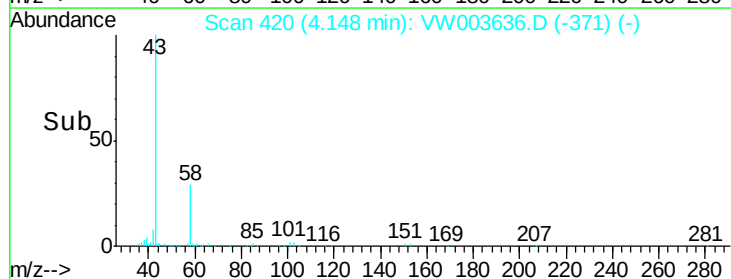
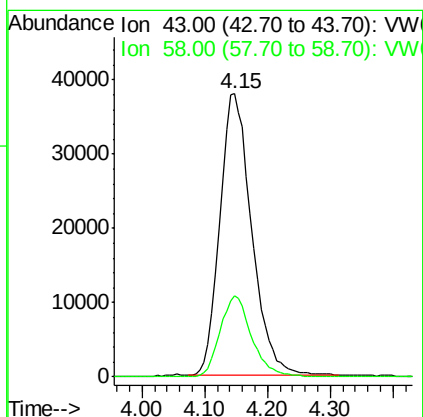
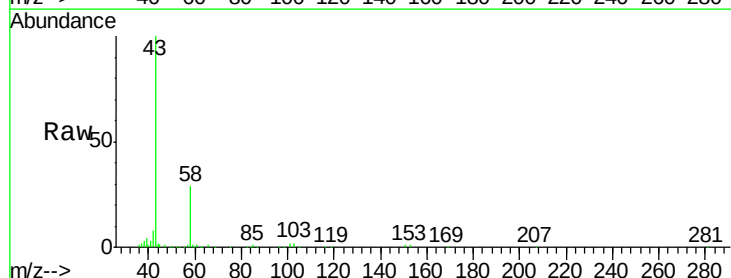
Acq: 28 Jun 2018 14:14

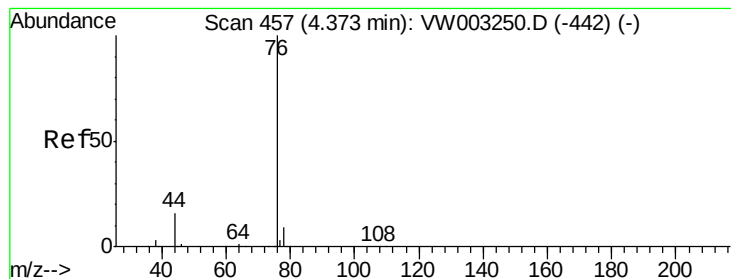
Tgt Ion: 43 Resp: 133518

Ion Ratio Lower Upper

43 100

58 28.8 22.6 34.0





#17

Carbon Disulfide

Concen: 49.548 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

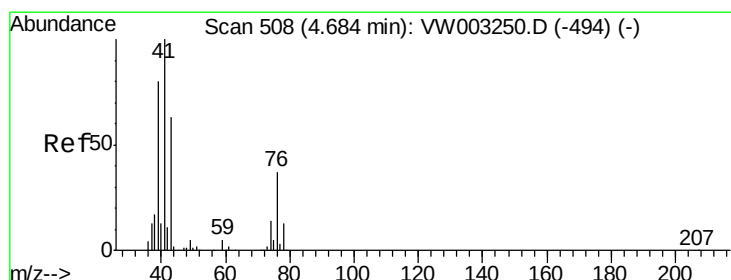
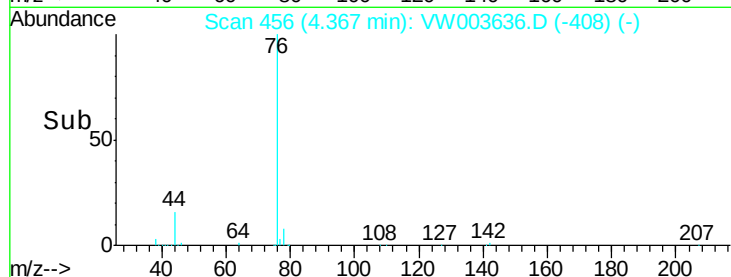
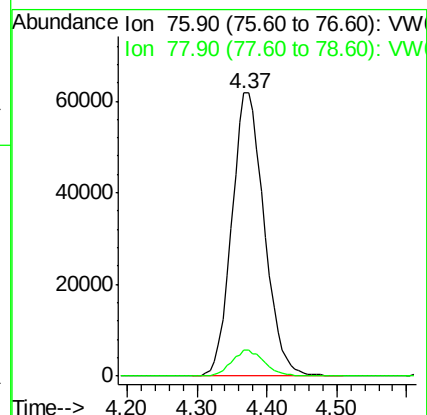
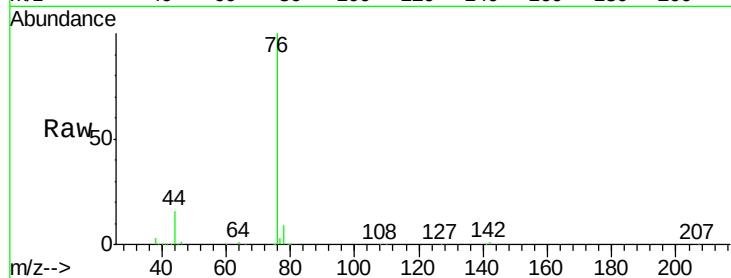
ClientSampled :

Tot Ion: 76 Resp: 198680

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 155.611 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003636.D

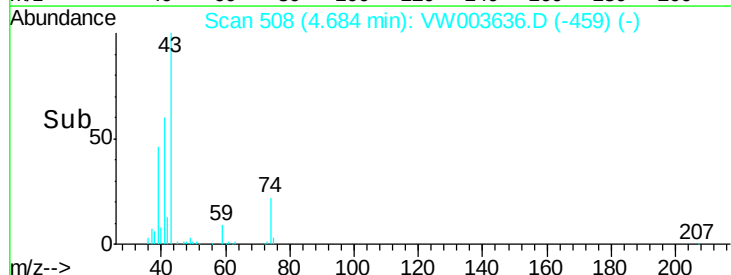
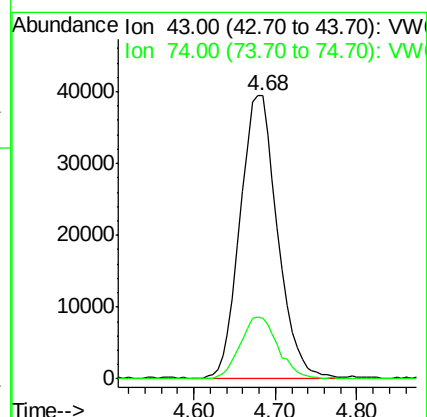
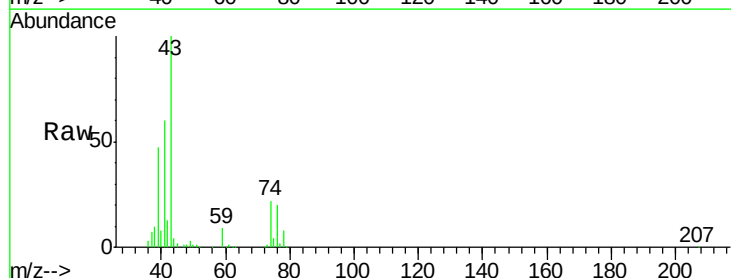
Acq: 28 Jun 2018 14:14

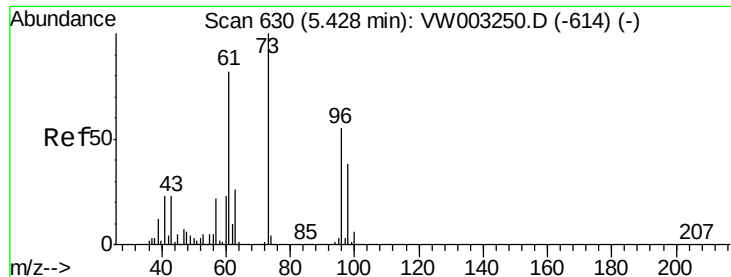
Tgt Ion: 43 Resp: 125650

Ion Ratio Lower Upper

43 100

74 22.0 18.7 28.1

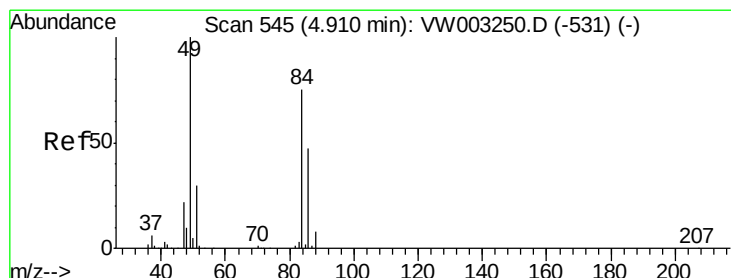
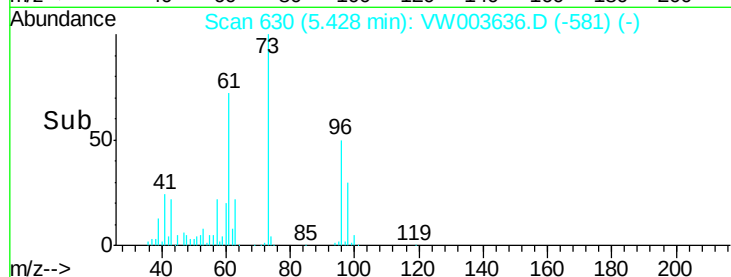
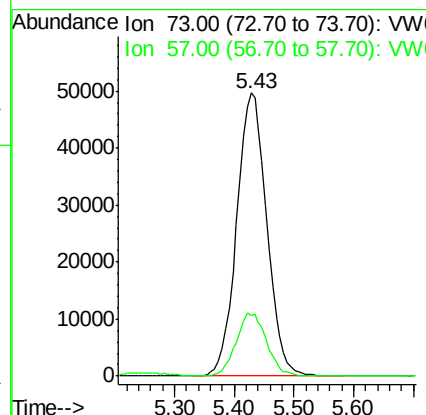
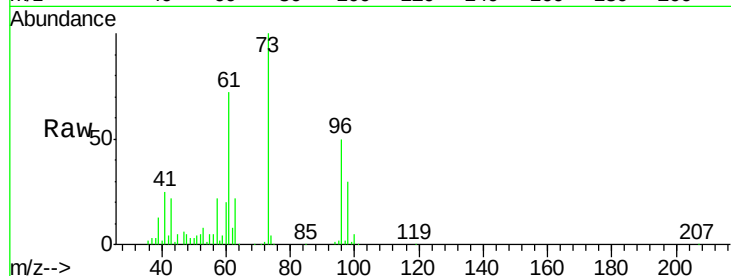




#19
Methyl tert-butyl Ether
Concen: 68.491 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

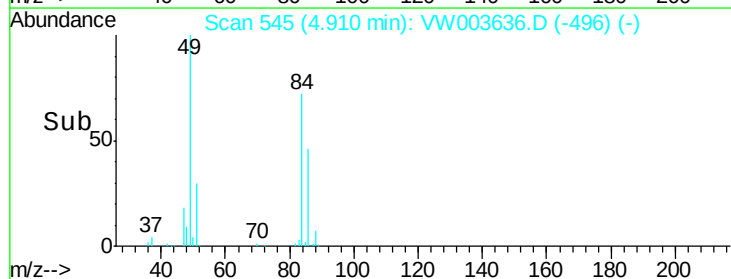
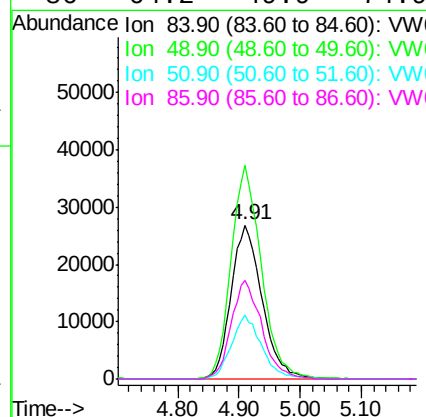
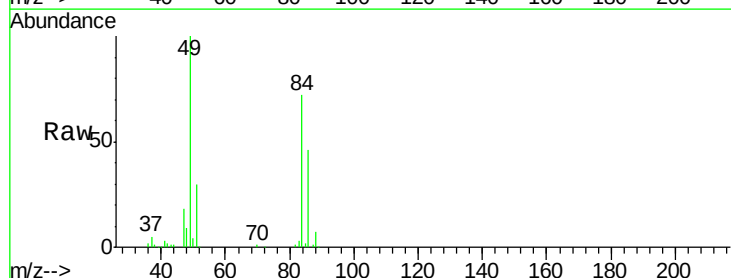
Instrument :
MSVOA_W
ClientSampled :

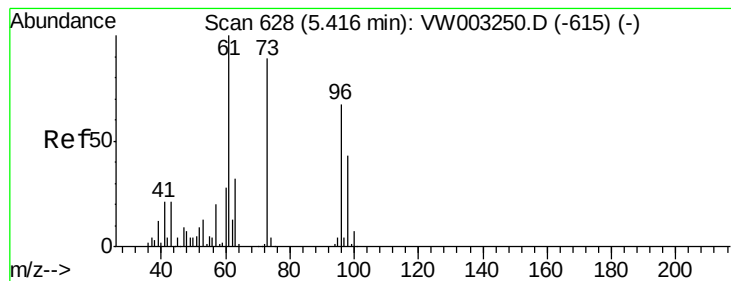
Tot Ion: 73 Resp: 173992
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 65.982 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 84 Resp: 93706
Ion Ratio Lower Upper
84 100
49 138.6 106.3 159.5
51 41.2 32.0 48.0
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 55.539 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampled :

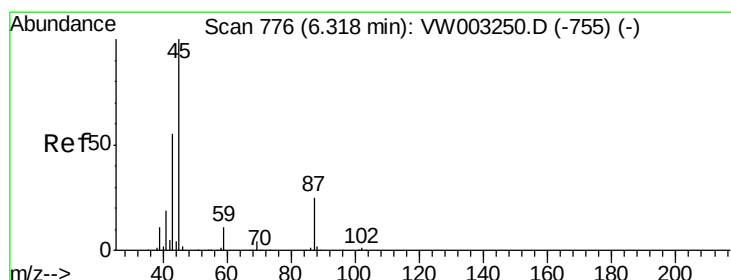
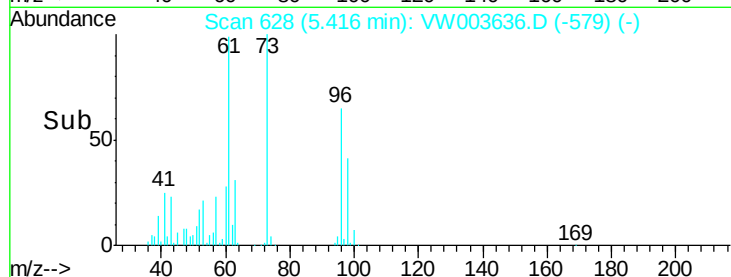
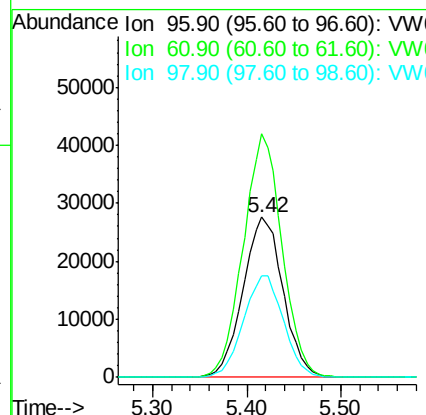
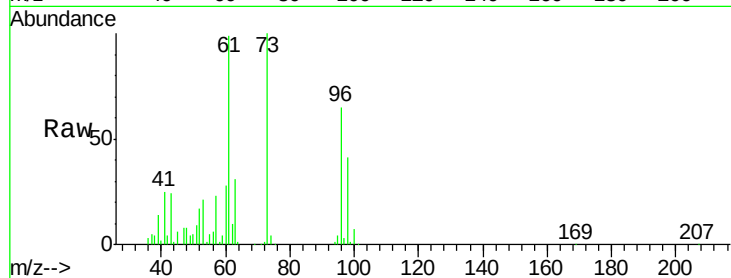
Tot Ion: 96 Resp: 81983

Ion Ratio Lower Upper

96 100

61 152.1 118.7 178.1

98 63.5 51.0 76.6



#22

Diisopropyl ether

Concen: 62.975 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion: 45 Resp: 297772

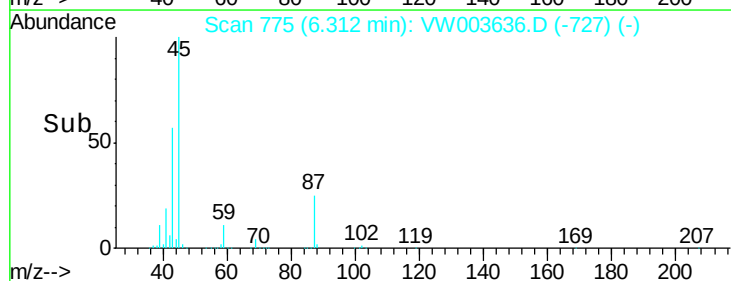
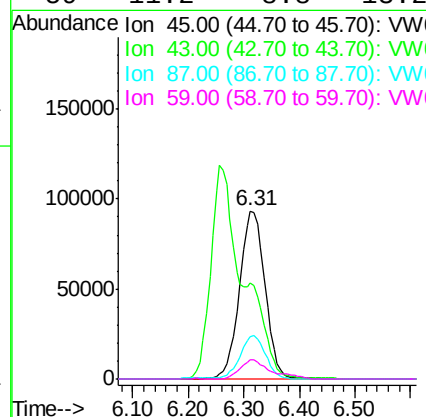
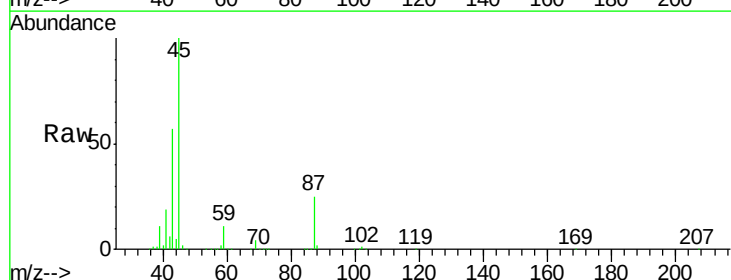
Ion Ratio Lower Upper

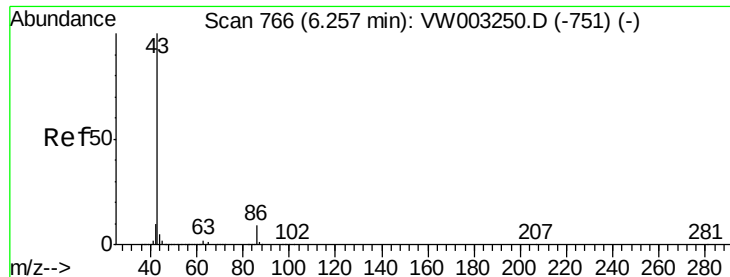
45 100

43 56.5 44.0 66.0

87 25.0 20.6 31.0

59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 132.054 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

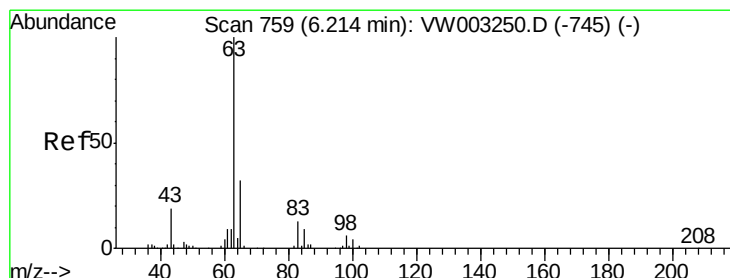
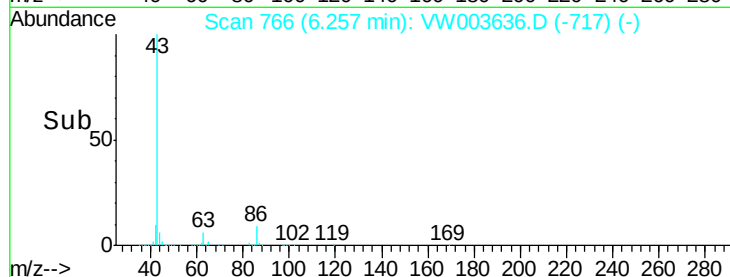
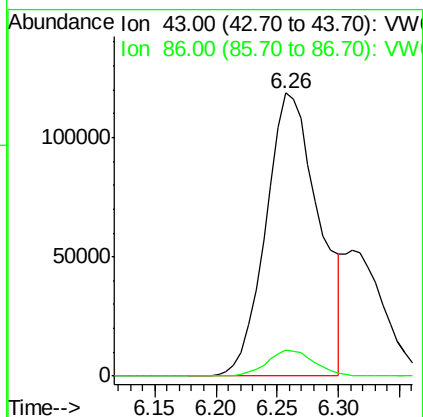
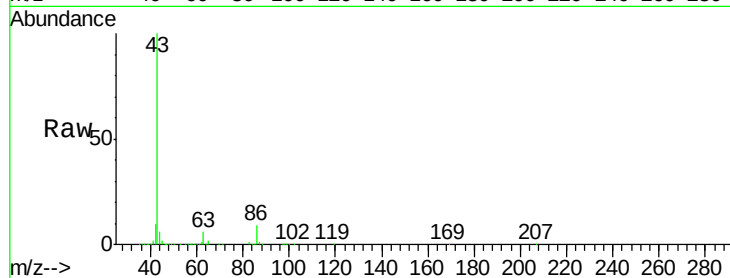
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 359822

Ion Ratio Lower Upper

43 100

86 9.2 7.5 11.3



#24

1,1-Dichloroethane

Concen: 58.900 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

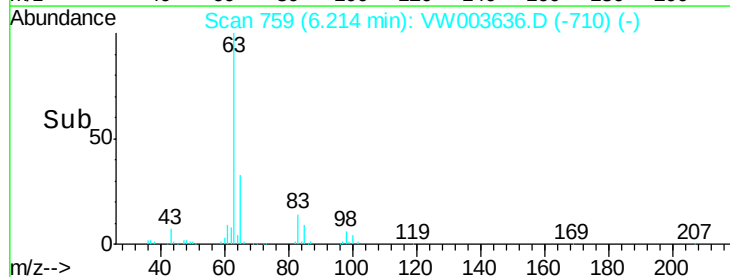
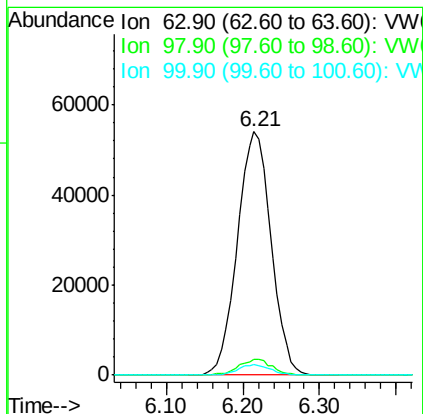
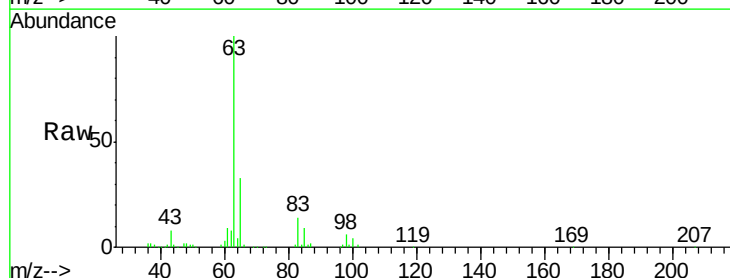
Tgt Ion: 63 Resp: 165335

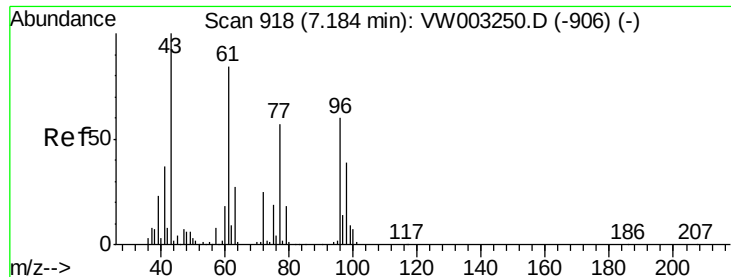
Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.3

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 351.994 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

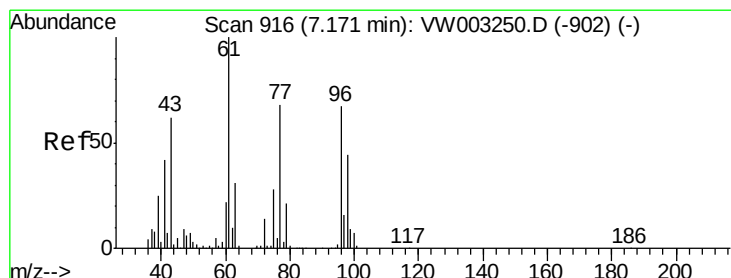
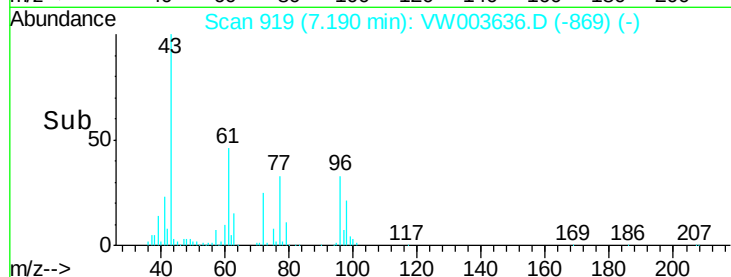
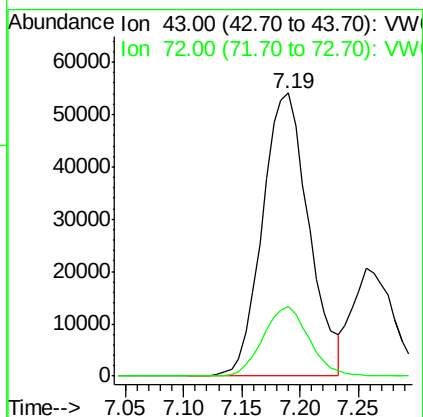
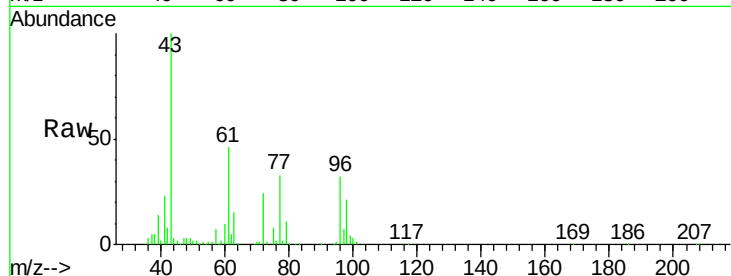
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 148979

Ion Ratio Lower Upper

43 100

72 24.5 20.3 30.5



#26

2,2-Dichloropropane

Concen: 53.001 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003636.D

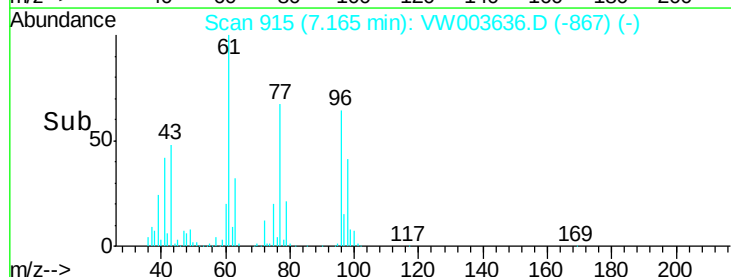
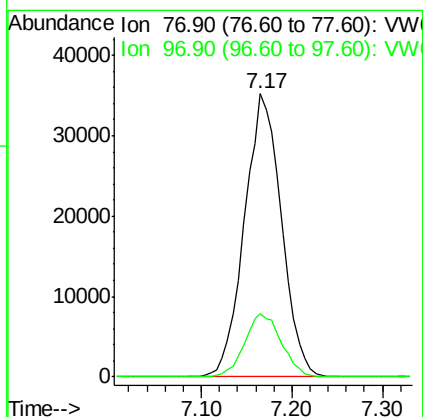
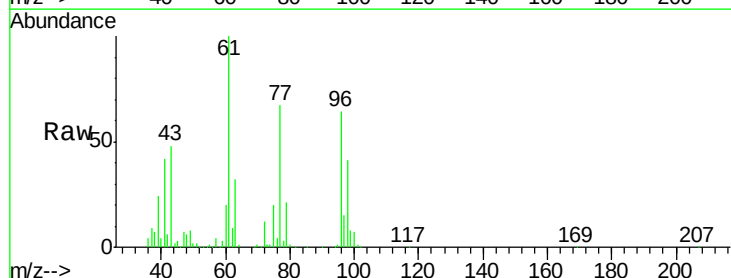
Acq: 28 Jun 2018 14:14

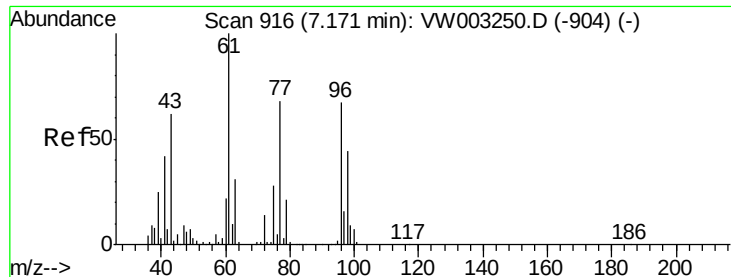
Tgt Ion: 77 Resp: 99292

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9



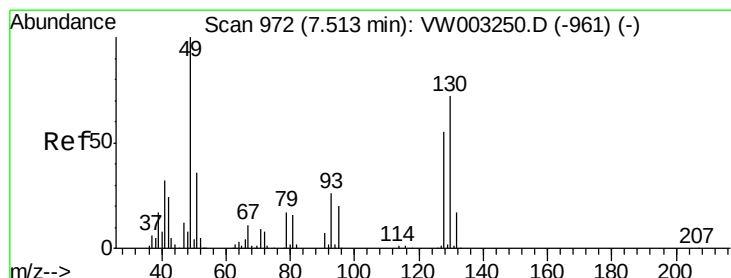
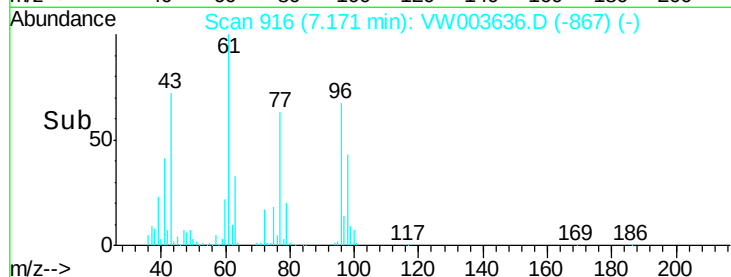
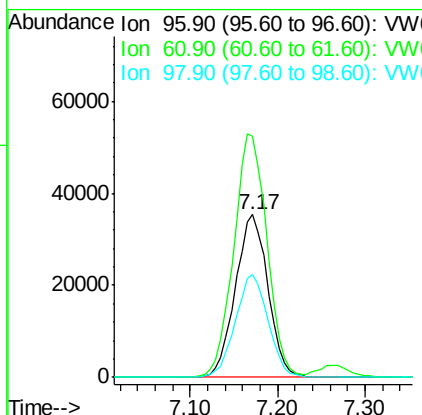
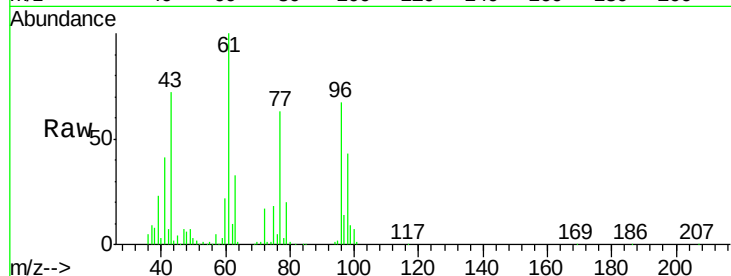


#27

cis-1,2-Dichloroethene
 Concen: 56.377 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Instrument :
 MSVOA_W
 ClientSampled :

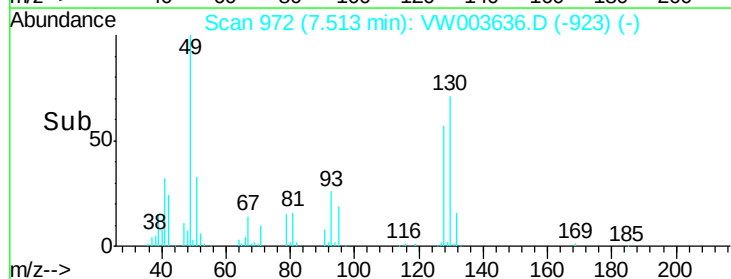
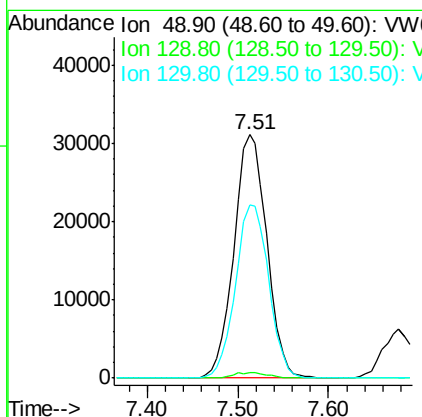
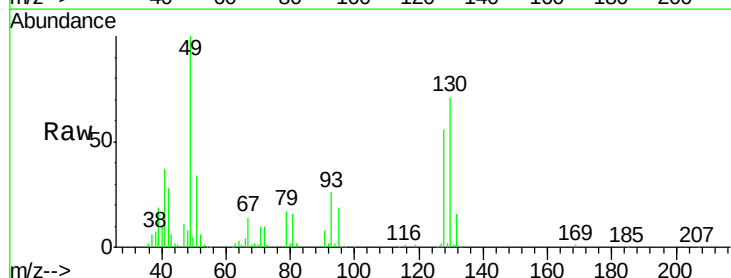
Tot Ion	96	Resp	91419
Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	298.8
98	63.4	0.0	130.4

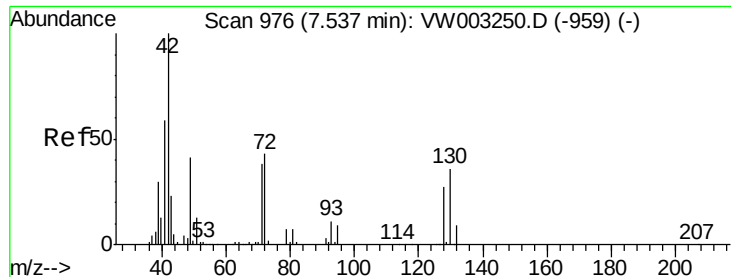


#28

Bromochloromethane
 Concen: 67.040 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion	49	Resp	78310
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	71.8	59.4	89.2

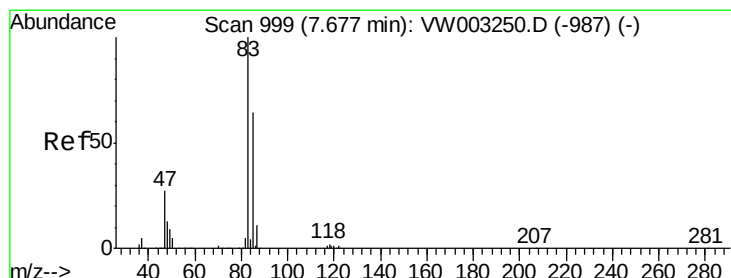
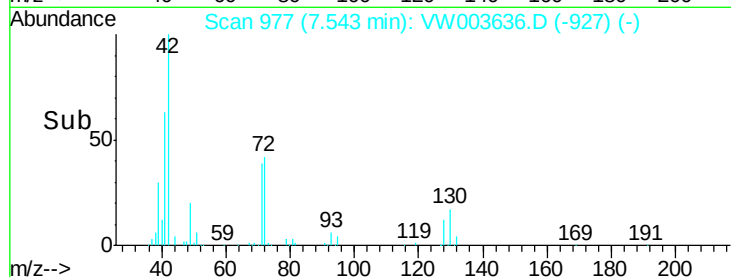
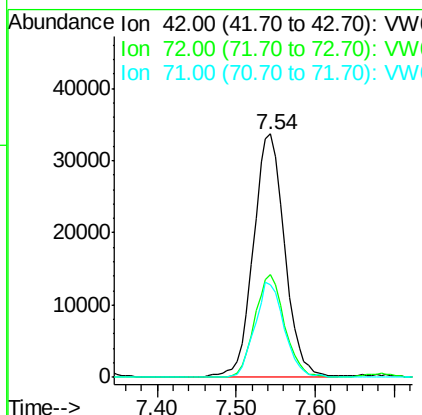
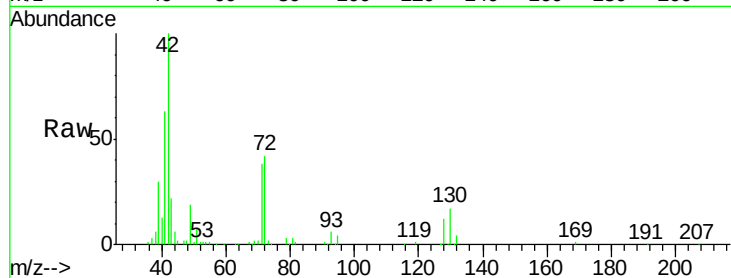




#29
Tetrahydrofuran
Concen: 360.400 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

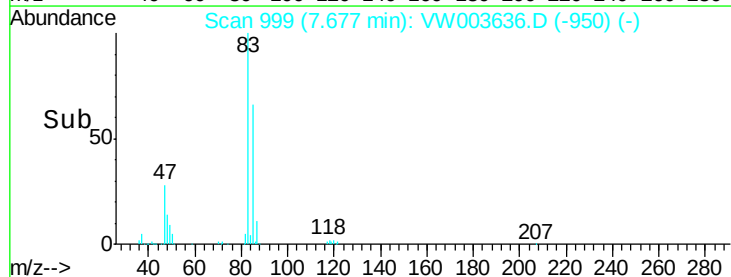
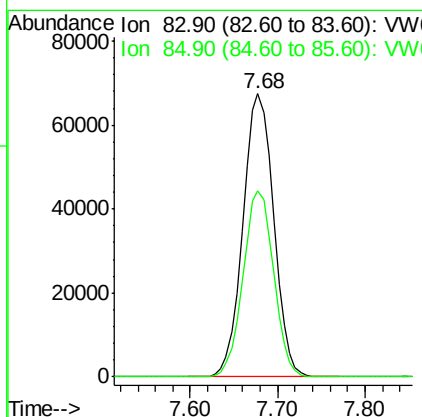
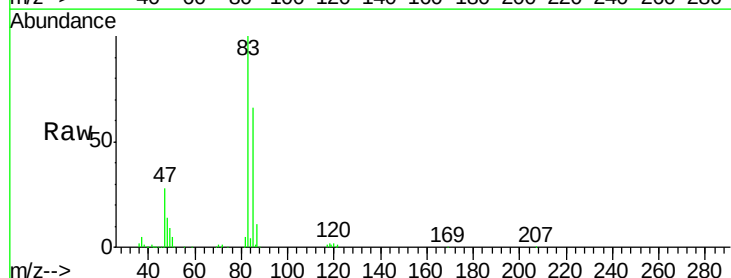
Instrument :
MSVOA_W
ClientSampled :

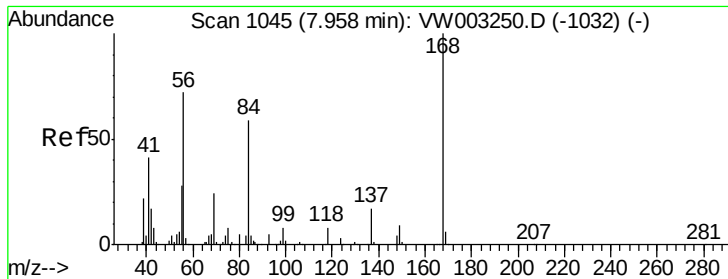
Tot Ion: 42 Resp: 93225
Ion Ratio Lower Upper
42 100
72 40.2 32.4 48.6
71 36.9 31.2 46.8



#30
Chloroform
Concen: 57.615 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 83 Resp: 164765
Ion Ratio Lower Upper
83 100
85 65.6 51.3 76.9





#31

Cyclohexane

Concen: 34.783 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampled :

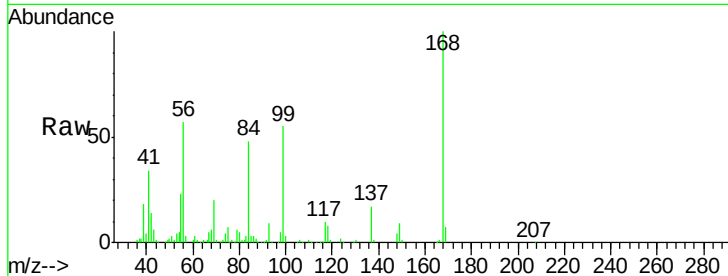
Tot Ion: 56 Resp: 91216

Ion Ratio Lower Upper

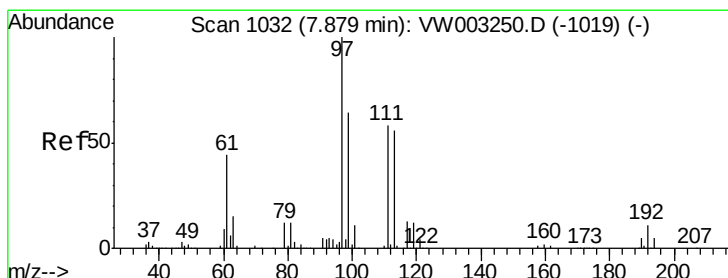
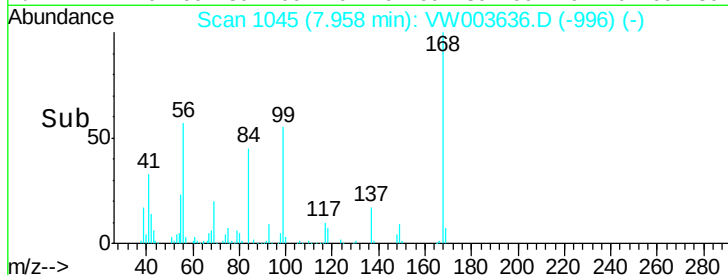
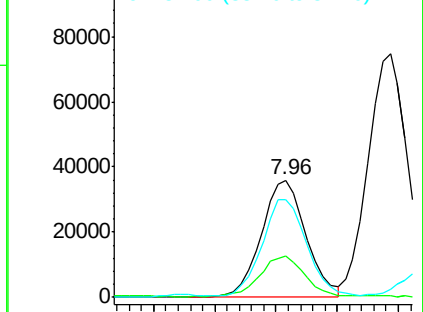
56 100

69 34.0 26.3 39.5

84 80.7 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: 52.670 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

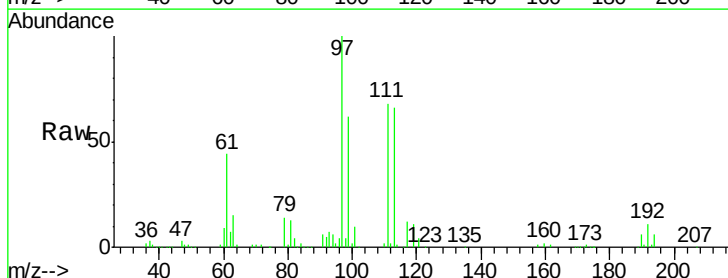
Tgt Ion: 97 Resp: 124329

Ion Ratio Lower Upper

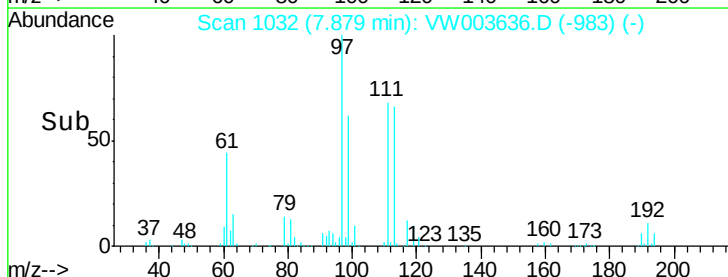
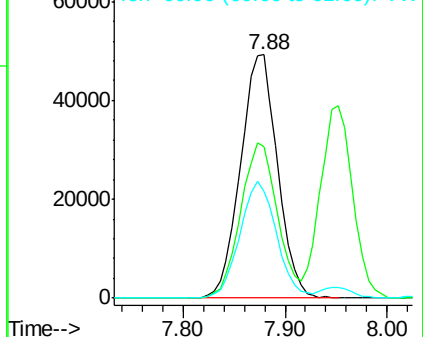
97 100

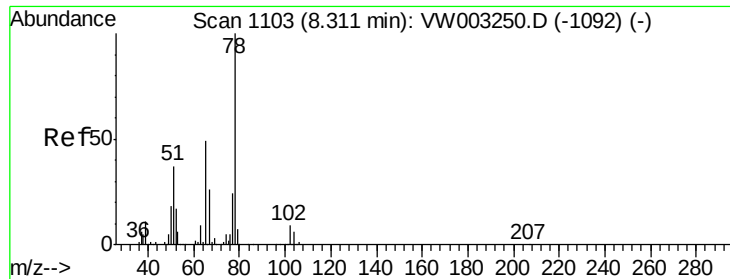
99 63.8 51.7 77.5

61 47.4 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

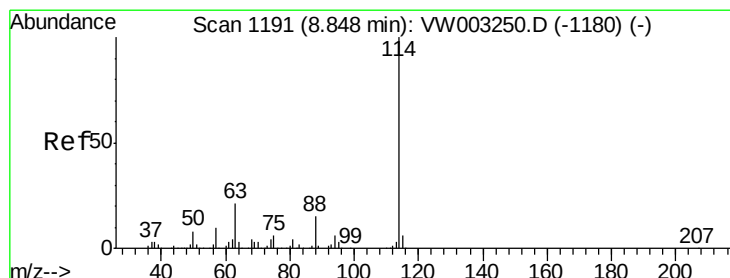
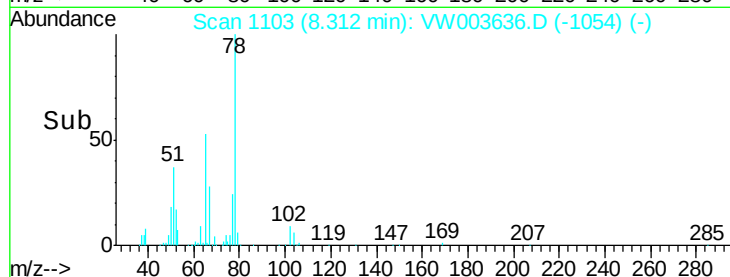
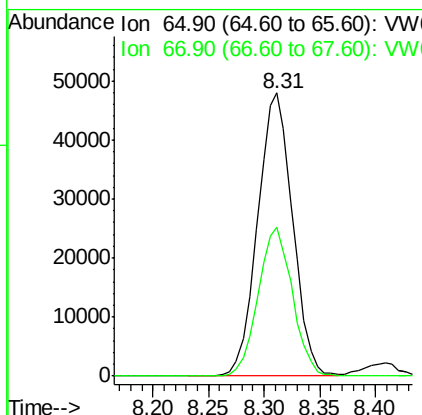
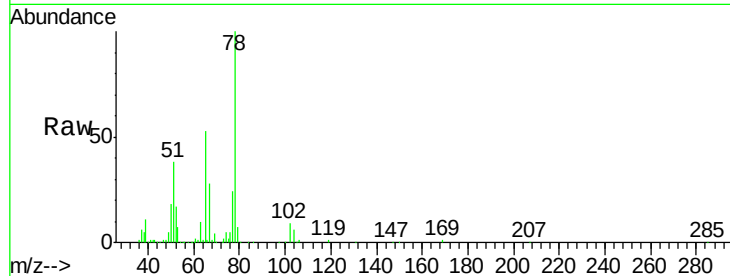




#33
 1,2-Dichloroethane-d4
 Concen: 64.578 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

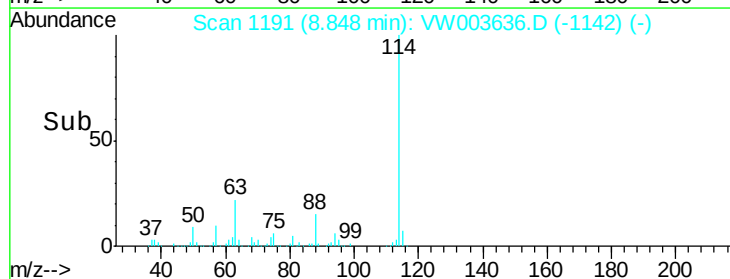
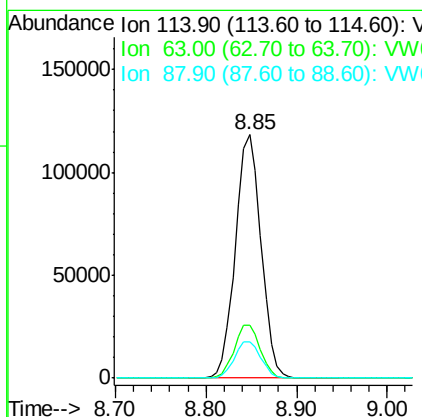
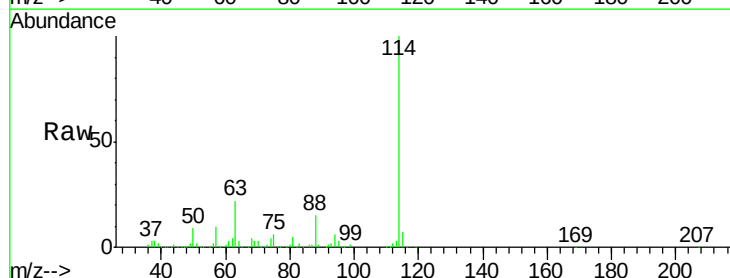
Instrument :
 MSVOA_W
 ClientSampled :

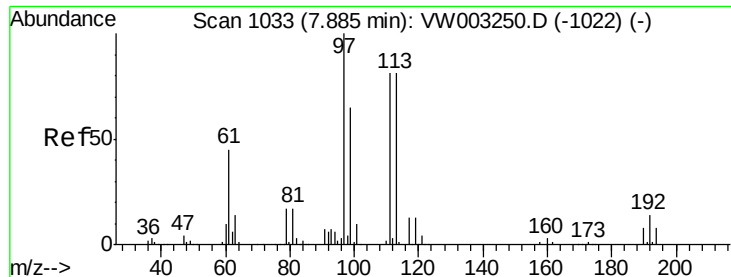
Tot Ion: 65 Resp: 104803
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion:114 Resp: 232072
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 14.9 0.0 29.6

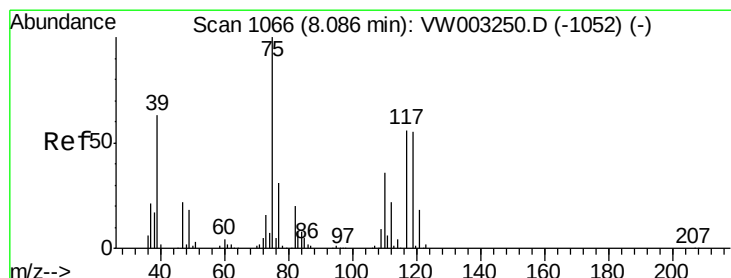
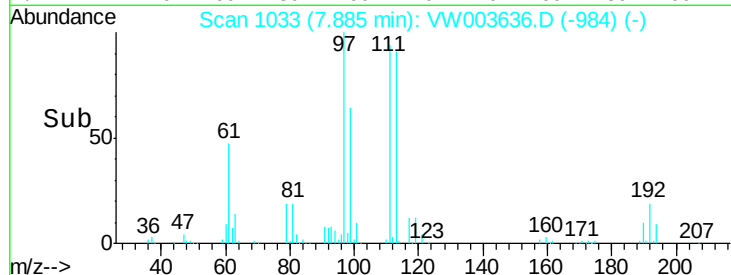
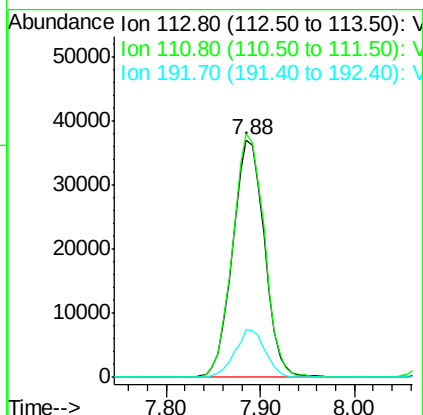
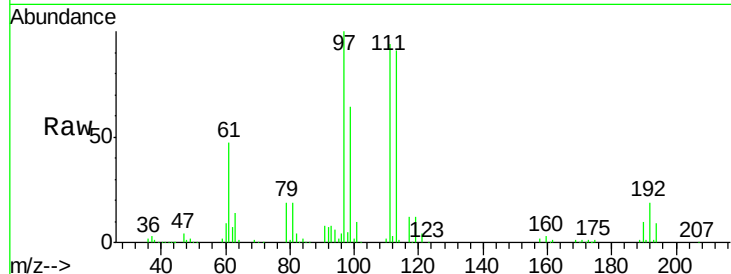




#35
 Dibromofluoromethane
 Concen: 60.507 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

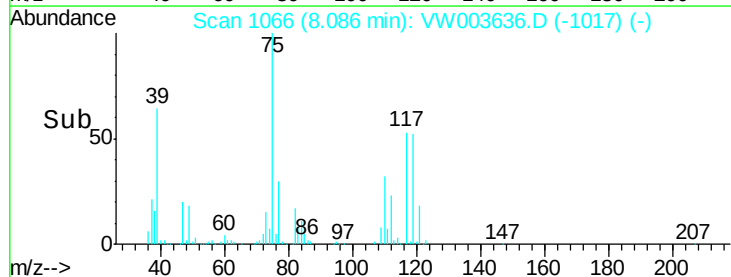
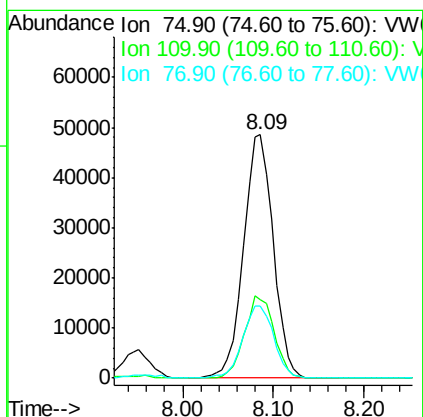
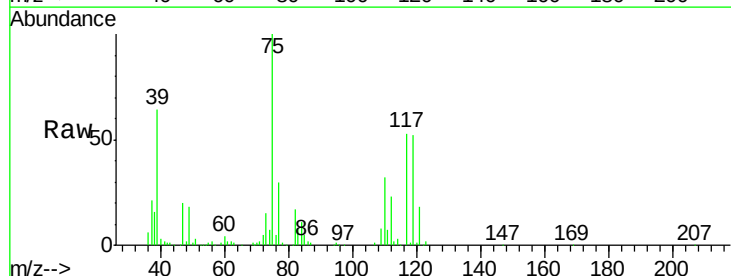
Instrument :
 MSVOA_W
 ClientSampled :

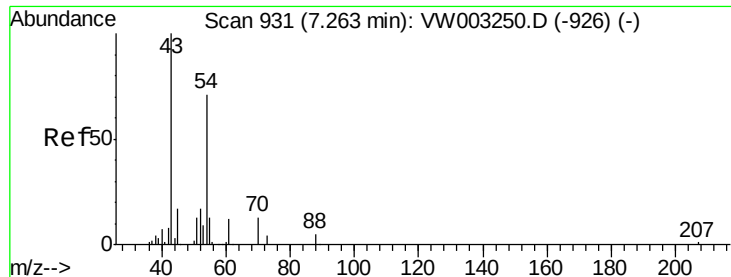
Tot Ion:113 Resp: 87253
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 19.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 49.085 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion: 75 Resp: 110010
 Ion Ratio Lower Upper
 75 100
 110 33.7 17.1 51.3
 77 31.3 24.9 37.3

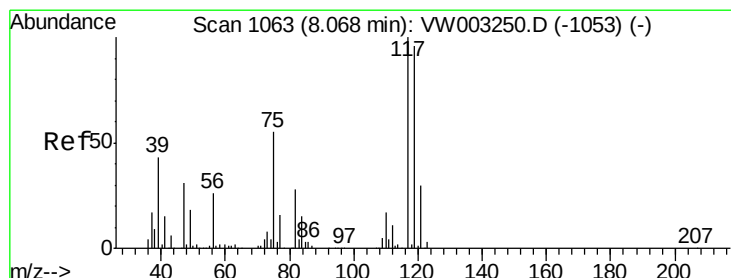
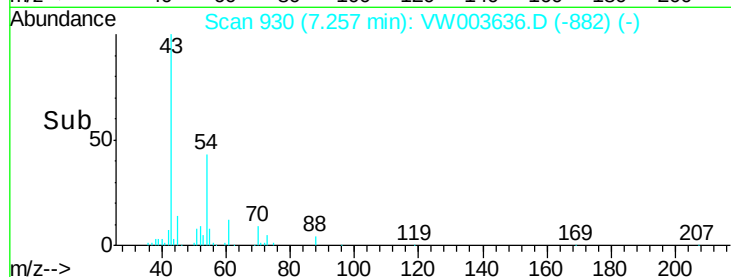
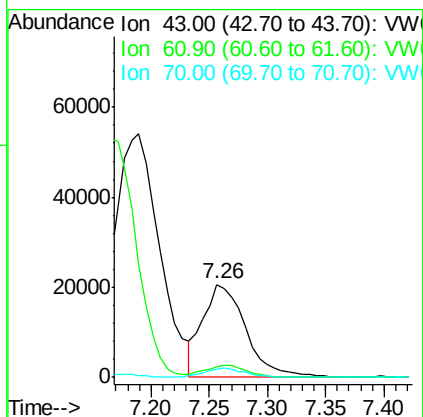
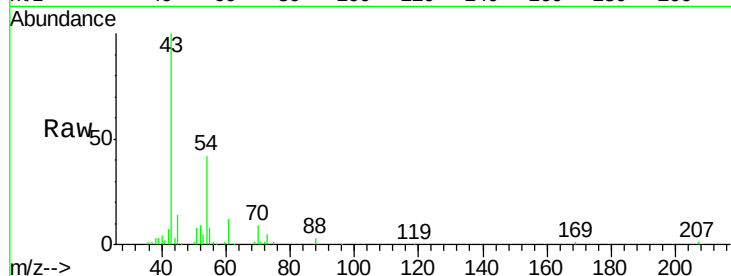




#37
Ethyl Acetate
Concen: 55.699 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

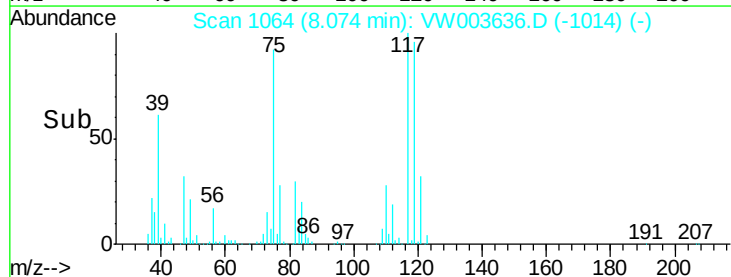
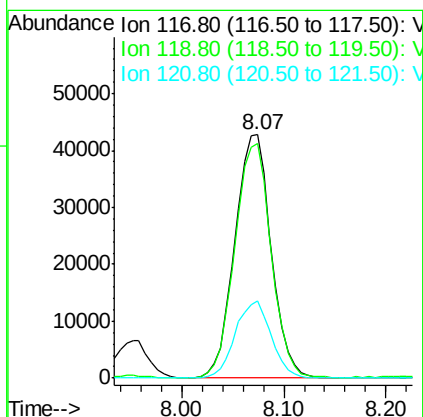
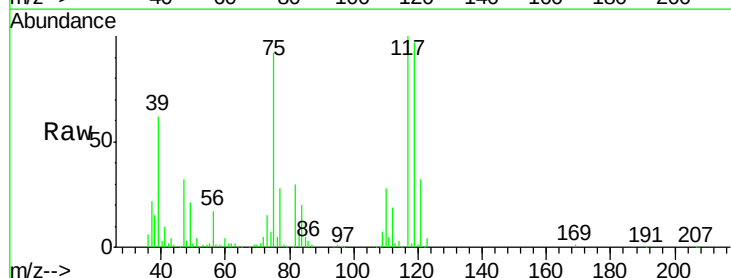
Instrument :
MSVOA_W
ClientSampleId :

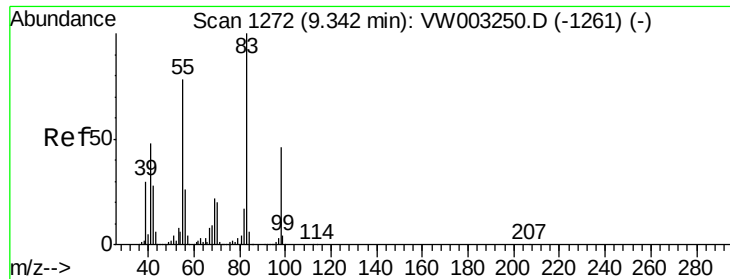
Tot Ion: 43 Resp: 51715
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 9.6 7.8 11.6



#38
Carbon Tetrachloride
Concen: 48.066 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 117 Resp: 105668
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0
121 31.6 23.9 35.9

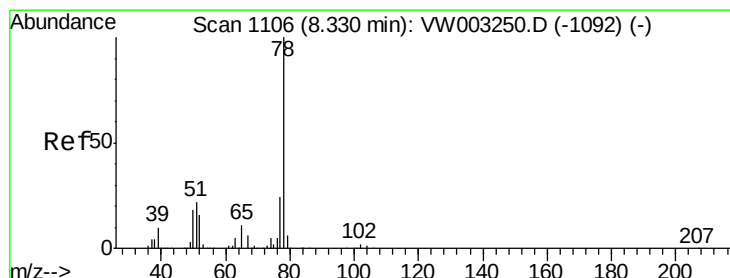
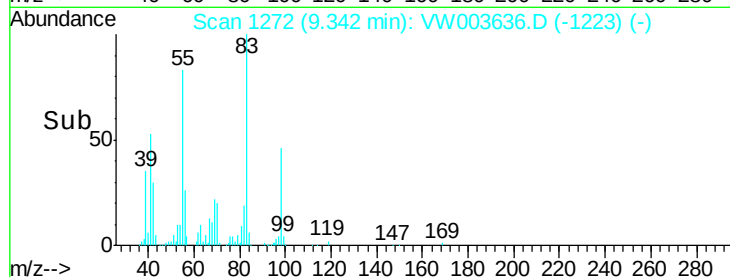
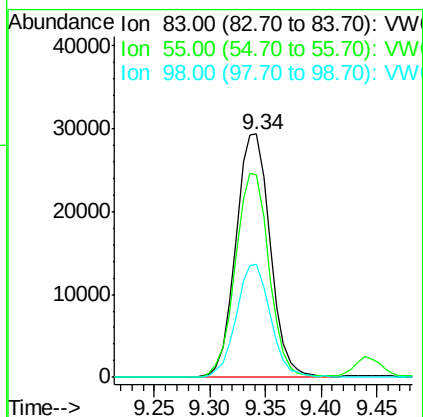
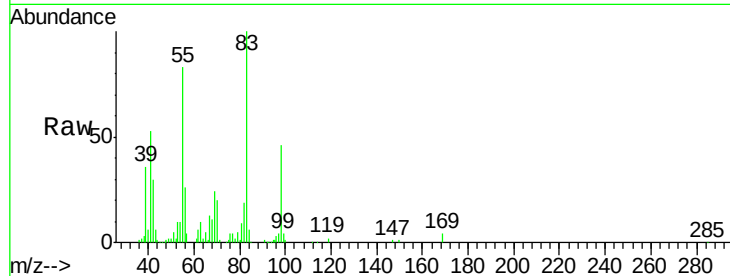




#39
Methylvlcyclohexane
Concen: 24.275 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

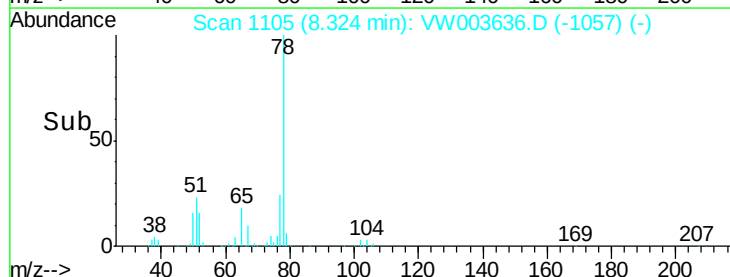
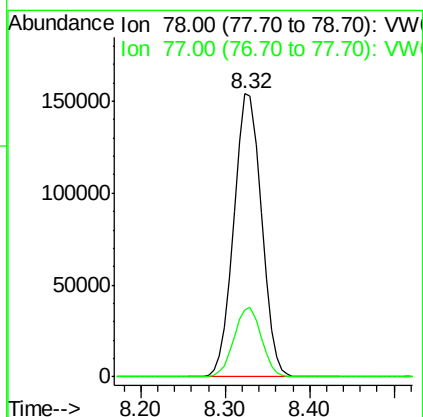
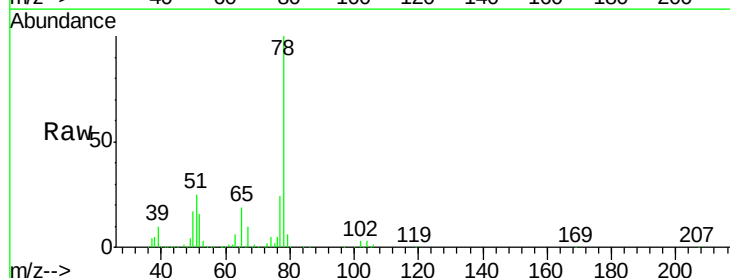
Instrument :
MSVOA_W
ClientSampleId :

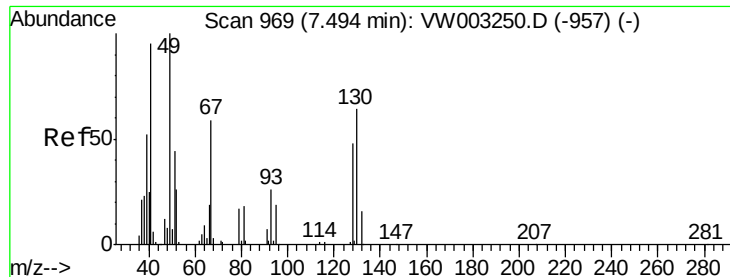
Tot Ion	83	Resp	62950
Ion Ratio	Lower	Upper	
83	100		
55	83.4	62.6	93.8
98	46.4	37.0	55.4



#40
Benzene
Concen: 55.337 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion	78	Resp	341860
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.0	28.6

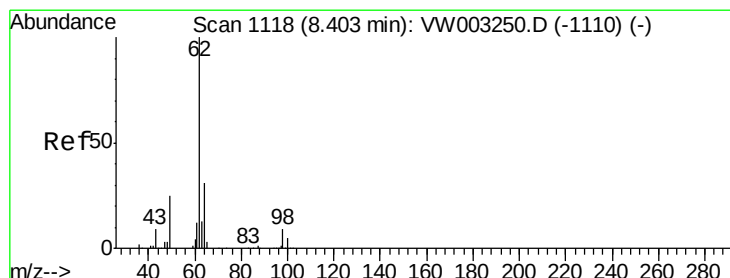
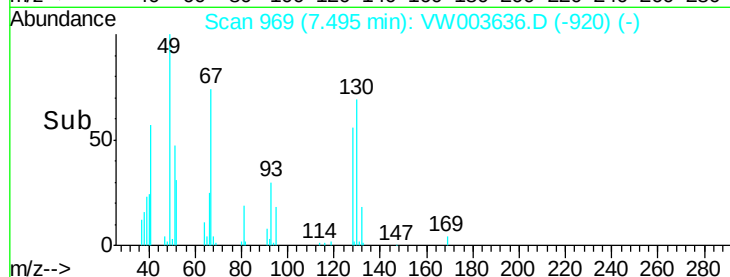
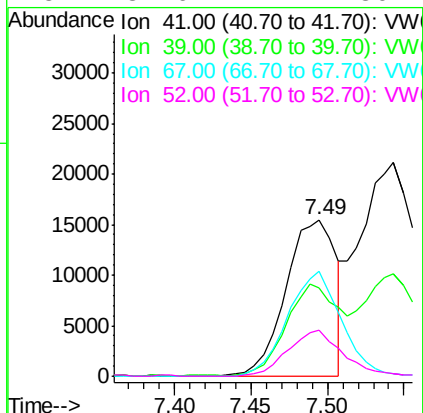
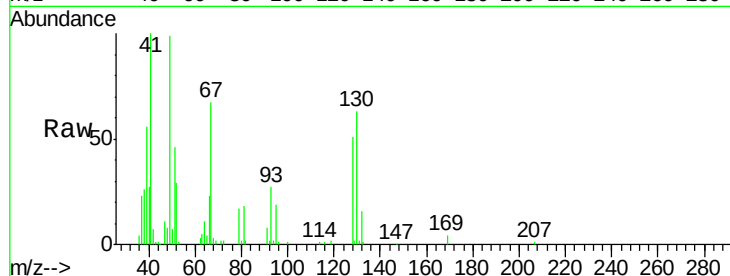




#41
Methacrylonitrile
Concen: 61.373 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

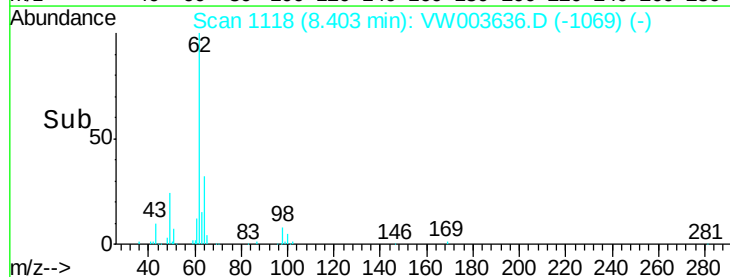
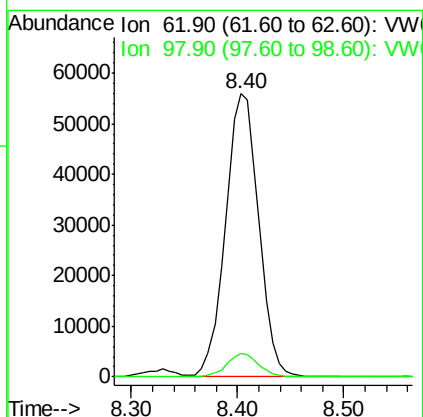
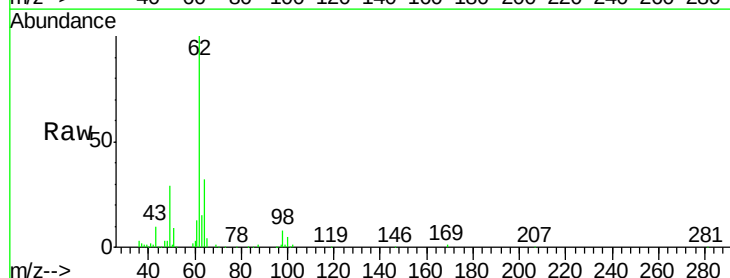
Instrument :
MSVOA_W
ClientSampleId :

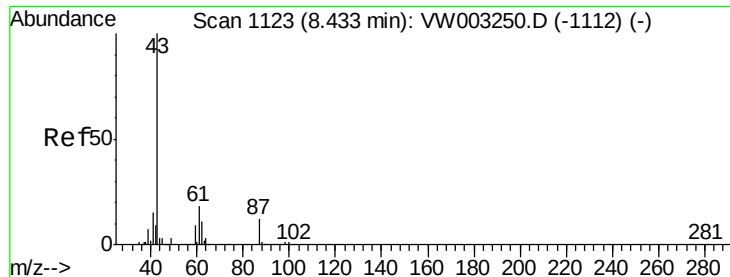
Tot Ion:	41	Resp:	34968
Ion	Ratio	Lower	Upper
41	100		
39	62.8	45.8	68.8
67	72.5	52.3	78.5
52	32.6	24.1	36.1



#42
1,2-Dichloroethane
Concen: 63.045 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion:	62	Resp:	122025
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.2





#43

Isopropyl Acetate

Concen: 59.997 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

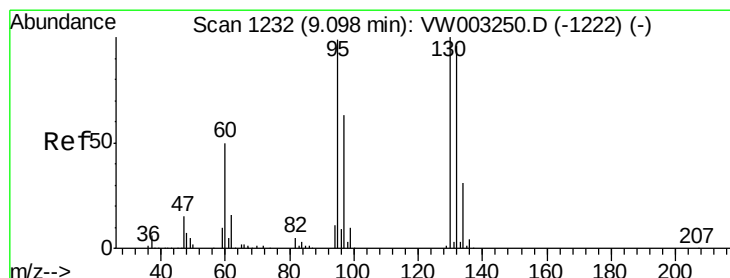
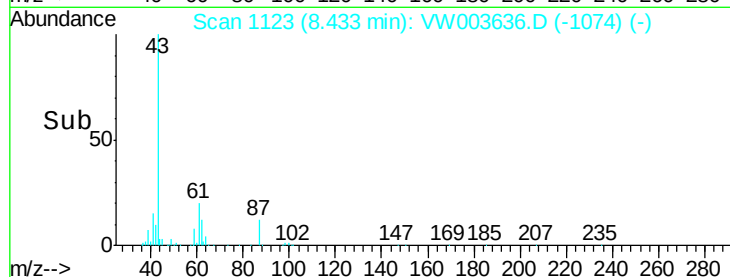
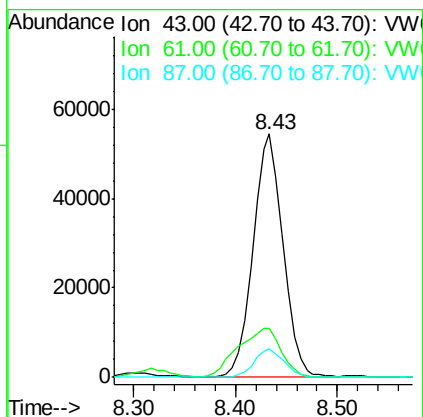
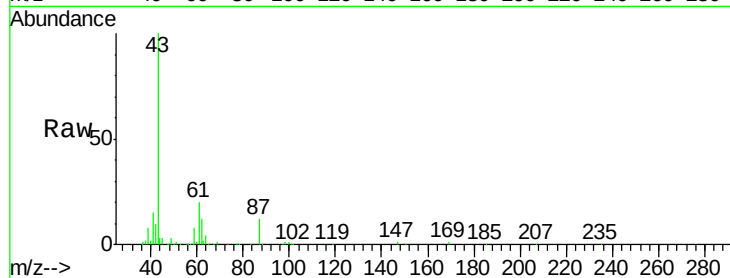
Tot Ion: 43 Resp: 110611

Ion Ratio Lower Upper

43 100

61 29.6 23.1 34.7

87 11.8 9.8 14.6



#44

Trichloroethene

Concen: 48.364 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003636.D

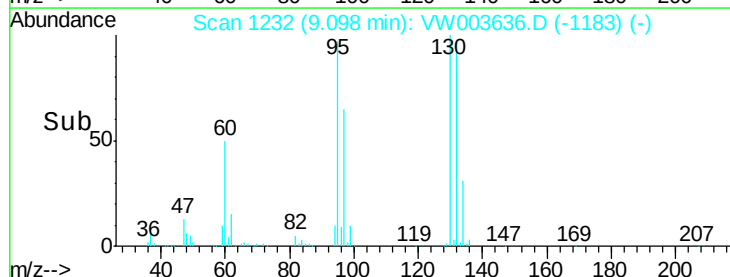
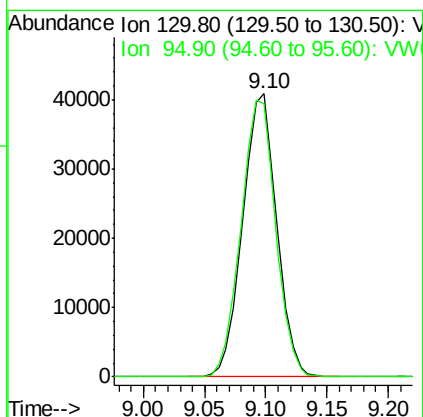
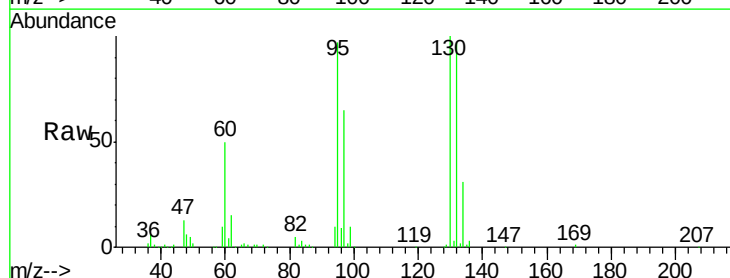
Acq: 28 Jun 2018 14:14

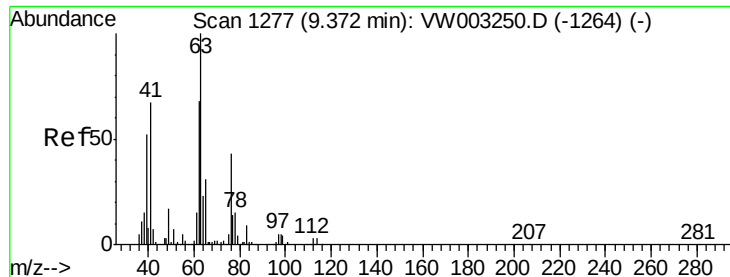
Tgt Ion: 130 Resp: 79170

Ion Ratio Lower Upper

130 100

95 96.6 0.0 198.0

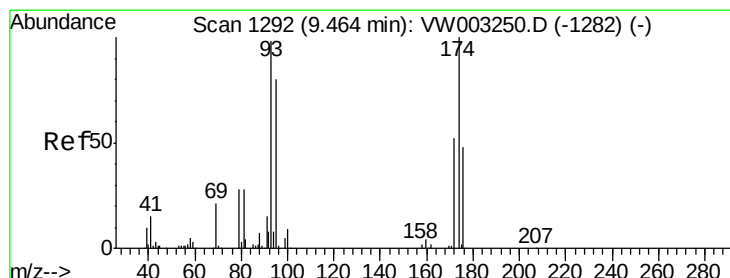
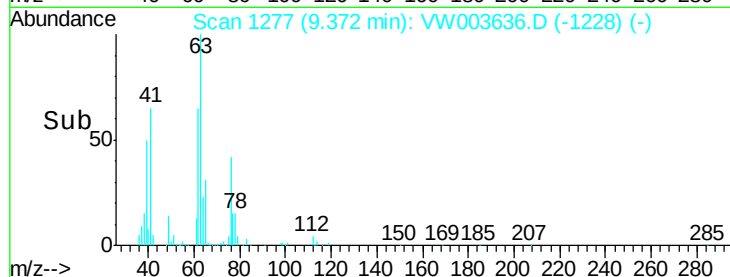
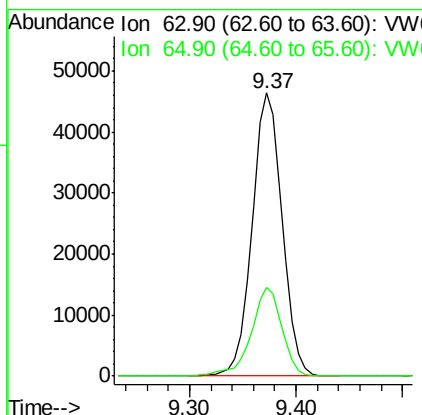
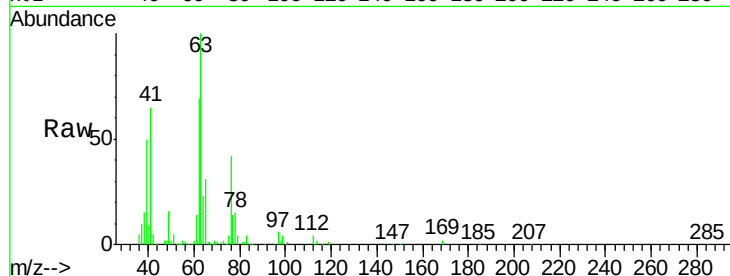




#45
 1,2-Dichloropropane
 Concen: 58.262 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

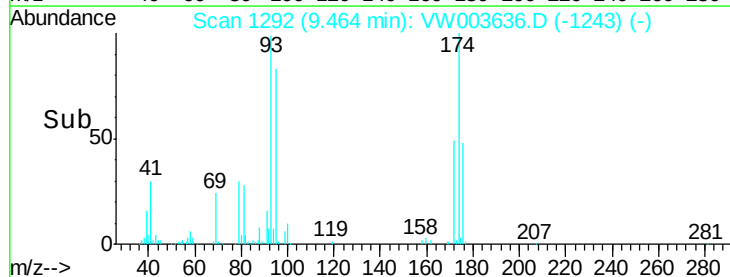
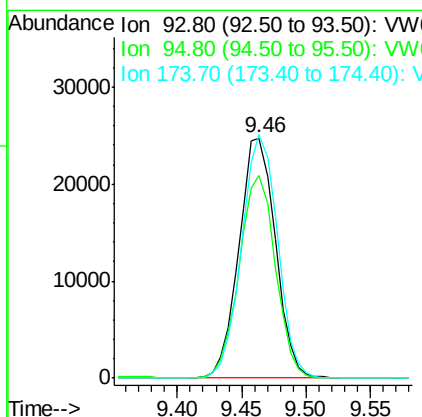
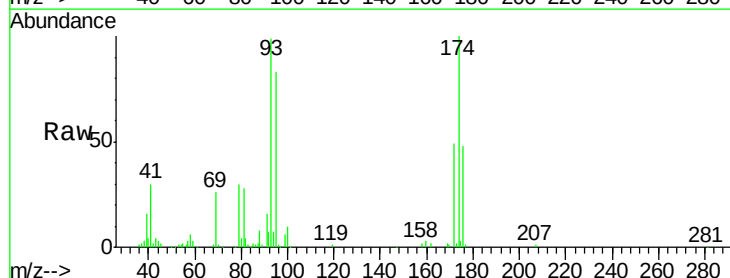
Instrument :
 MSVOA_W
 ClientSampled :

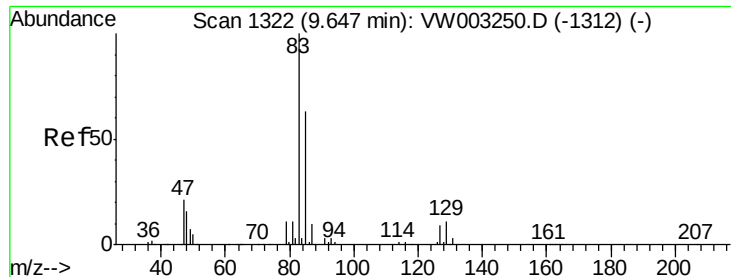
Tot Ion: 63 Resp: 91643
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 60.358 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion: 93 Resp: 48607
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.8
 174 99.6 81.4 122.0





#47

Bromodichloromethane

Concen: 56.238 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

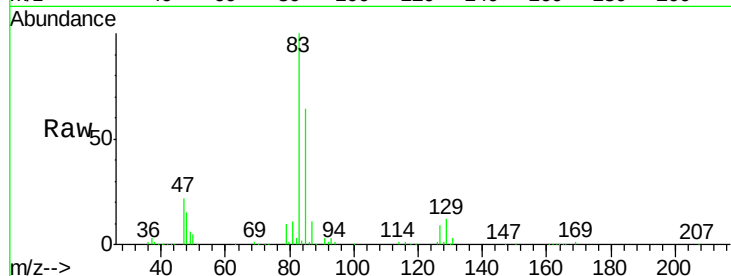
Tot Ion: 83 Resp: 116088

Ion Ratio Lower Upper

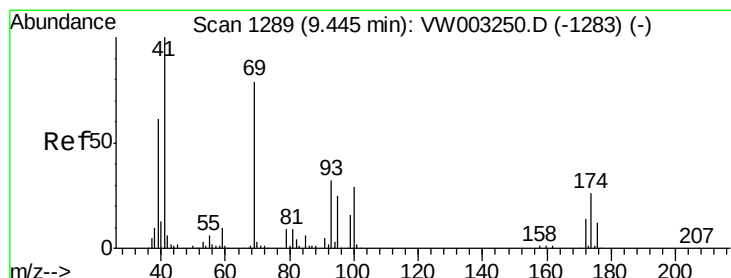
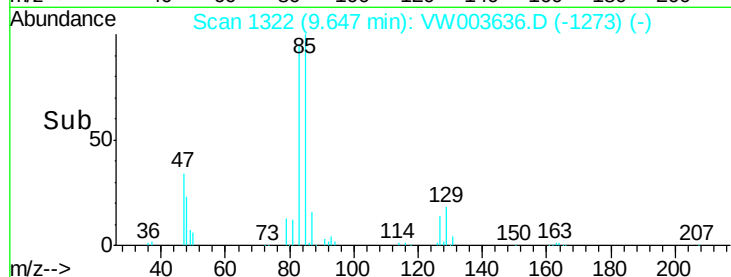
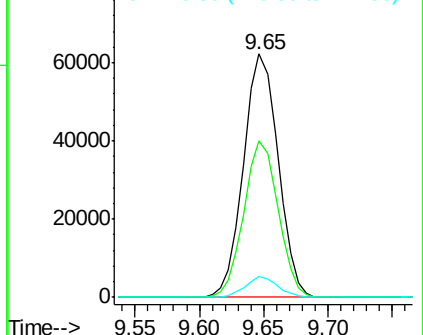
83 100

85 64.3 50.6 75.8

127 8.8 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: 79.992 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

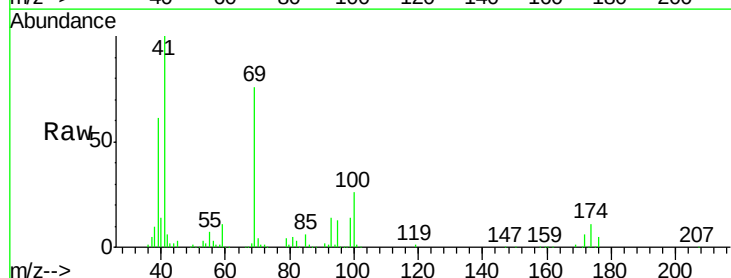
Tgt Ion: 41 Resp: 69306

Ion Ratio Lower Upper

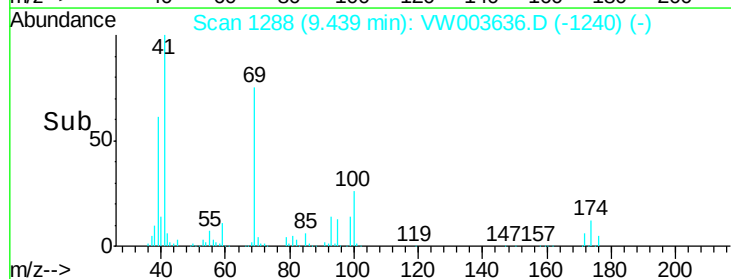
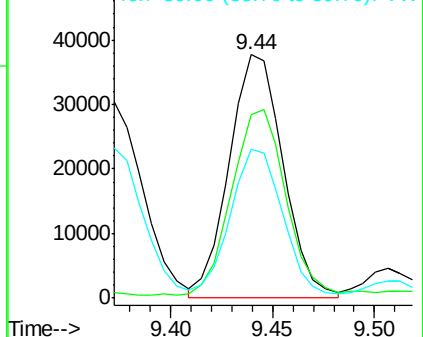
41 100

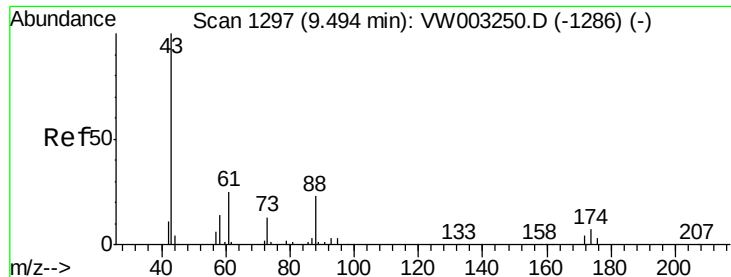
69 77.1 65.4 98.2

39 60.2 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

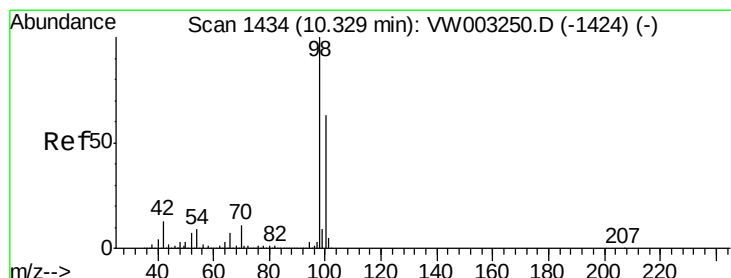
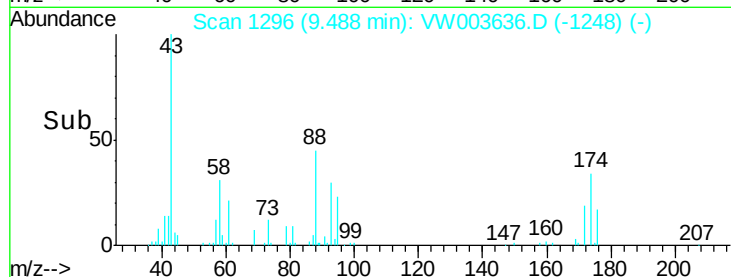
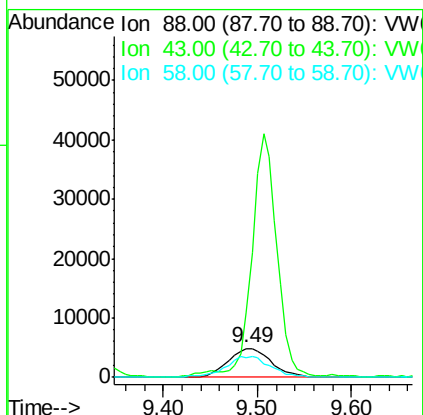
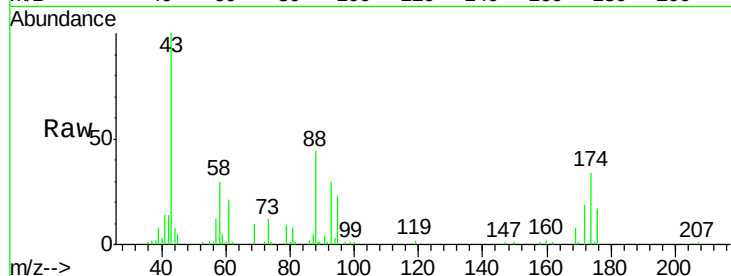




#49
1,4-Dioxane
Concen: 1280.910 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

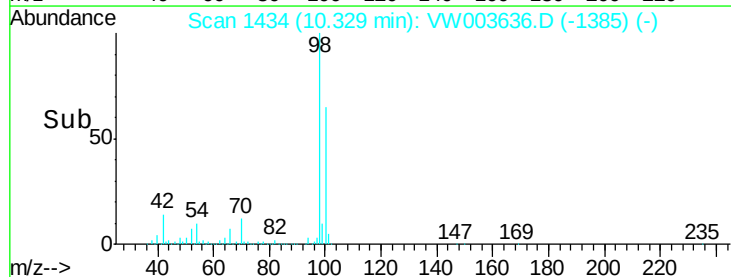
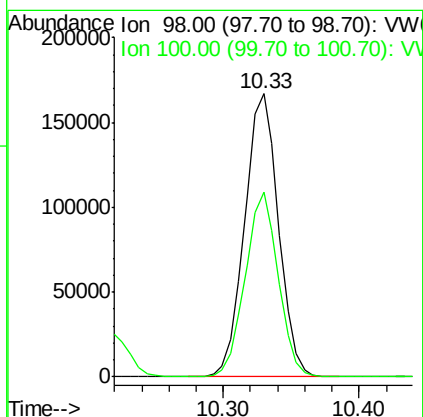
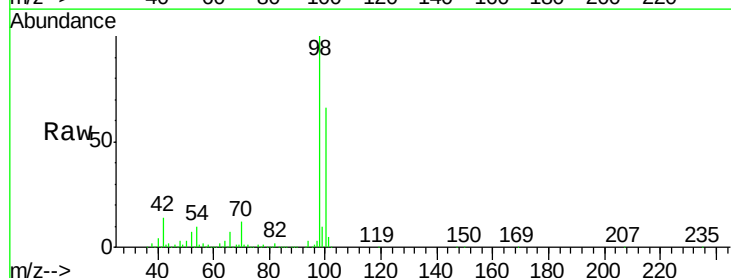
Instrument :
MSVOA_W
ClientSampled :

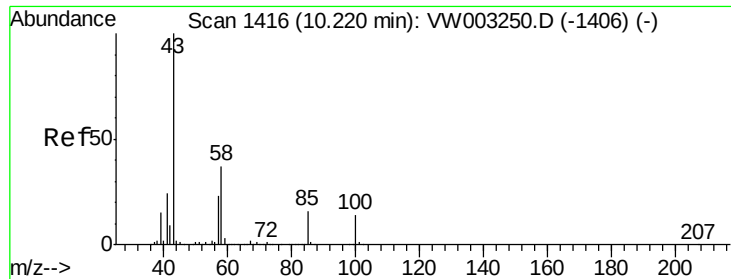
Tot Ion: 88 Resp: 15575
Ion Ratio Lower Upper
88 100
43 499.5 454.7 682.1
58 75.7 58.6 88.0



#50
Toluene-d8
Concen: 50.765 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 98 Resp: 290274
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2

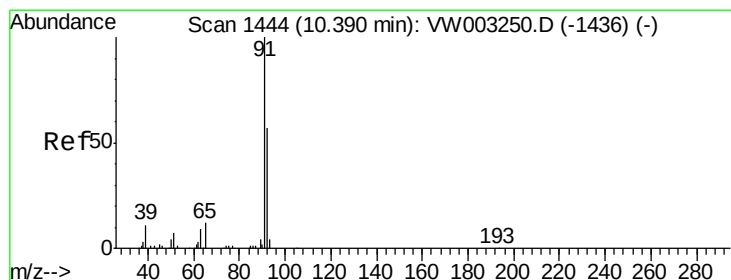
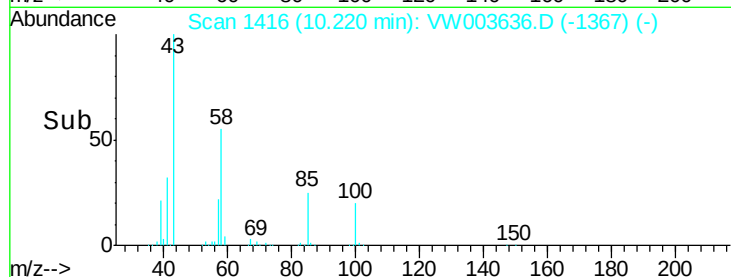
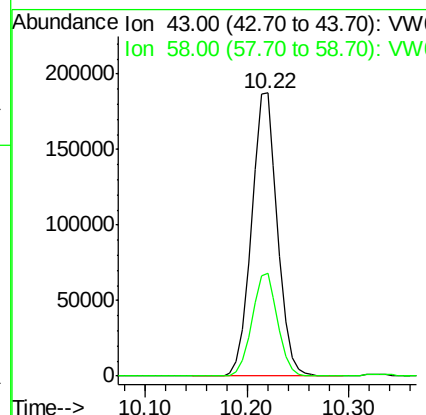
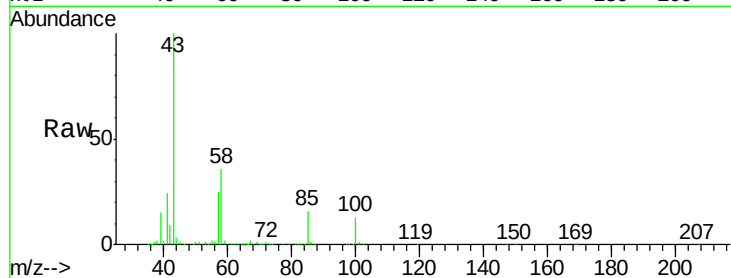




#51
4-Methyl-2-Pentanone
Concen: 351.849 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

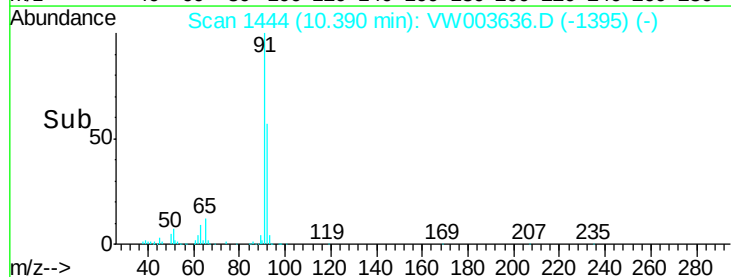
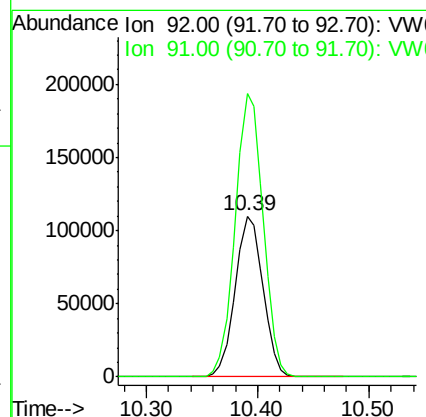
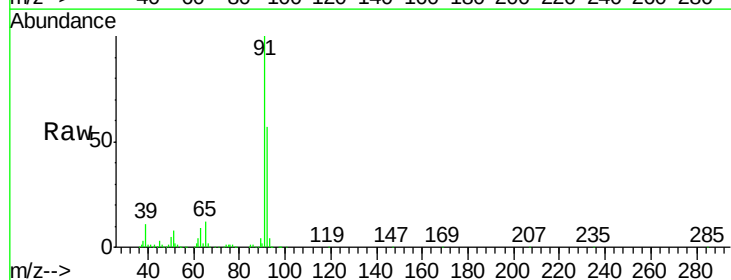
Instrument :
MSVOA_W
ClientSampleId :

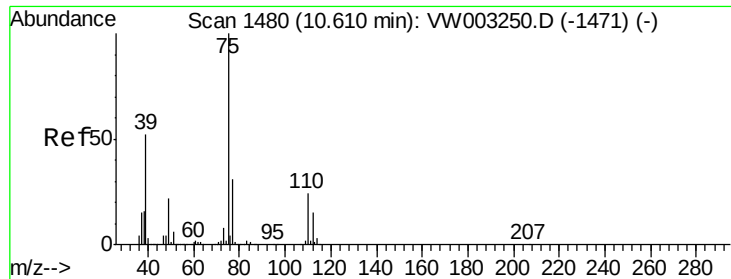
Tot Ion: 43 Resp: 330535
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.4



#52
Toluene
Concen: 47.927 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 92 Resp: 189864
Ion Ratio Lower Upper
92 100
91 177.1 141.1 211.7

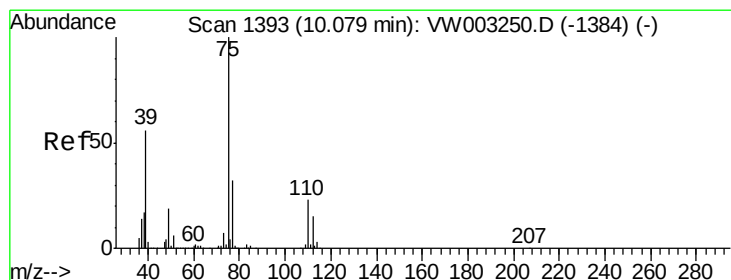
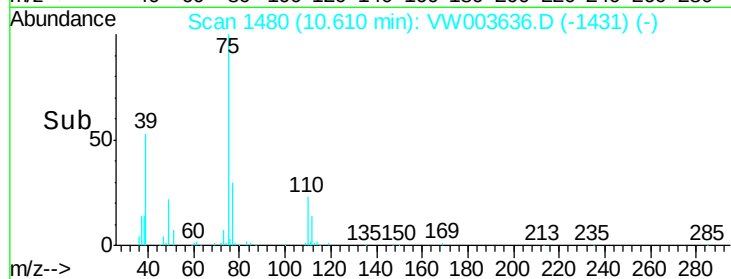
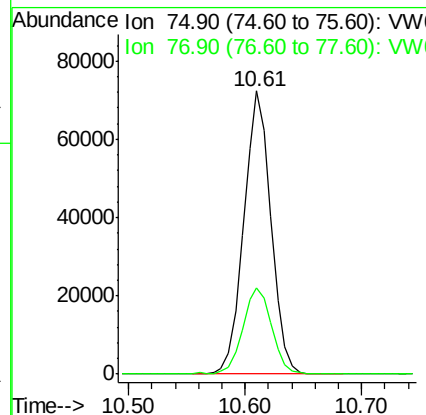
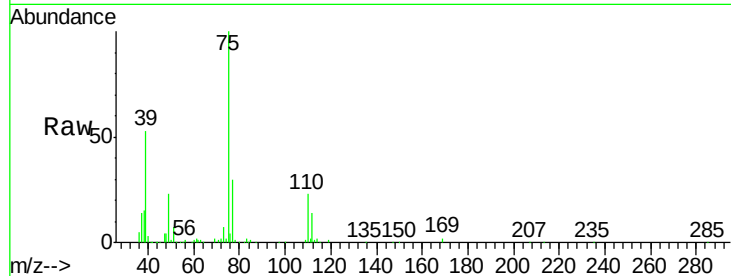




#53
t-1,3-Dichloropropene
Concen: 55.635 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

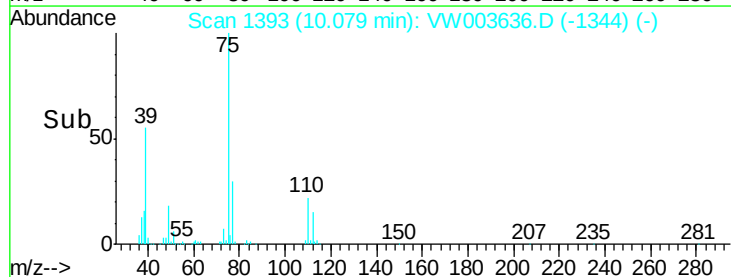
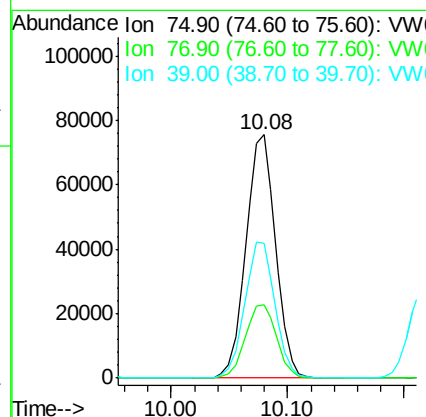
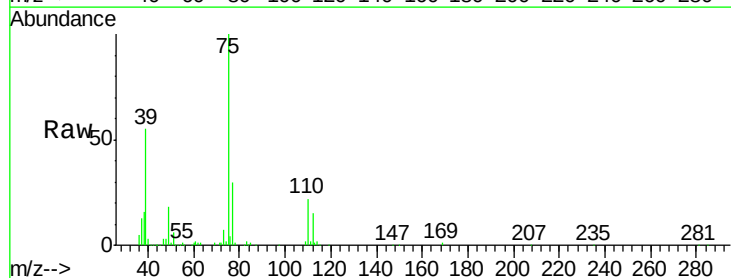
Instrument :
MSVOA_W
ClientSampled :

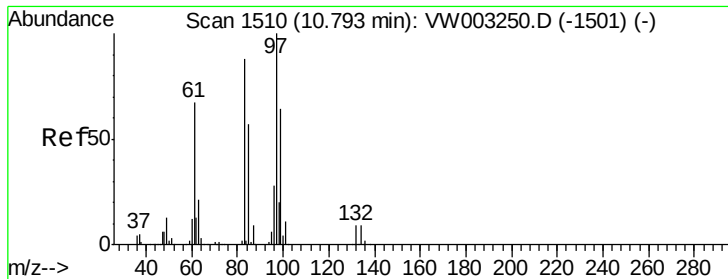
Tot Ion: 75 Resp: 117314
Ion Ratio Lower Upper
75 100
77 30.3 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 56.040 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 75 Resp: 134494
Ion Ratio Lower Upper
75 100
77 30.2 25.8 38.6
39 55.2 45.2 67.8

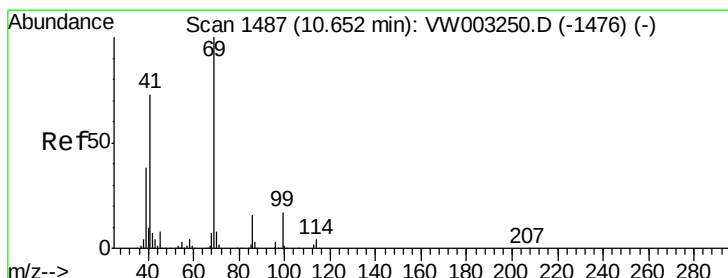
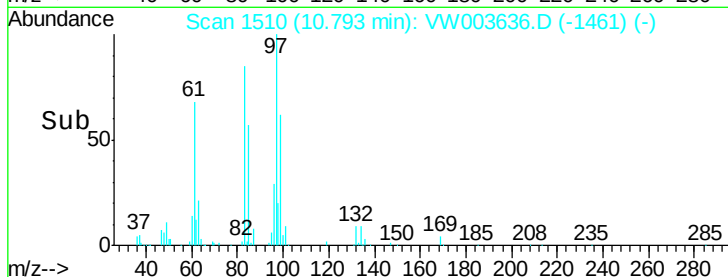
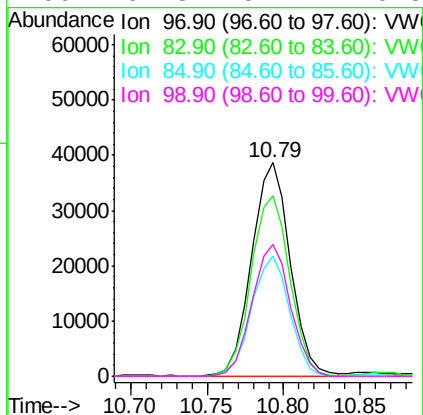
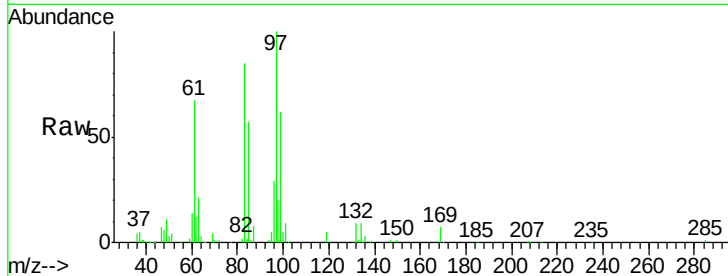




#55
 1,1,2-Trichloroethane
 Concen: 59.354 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

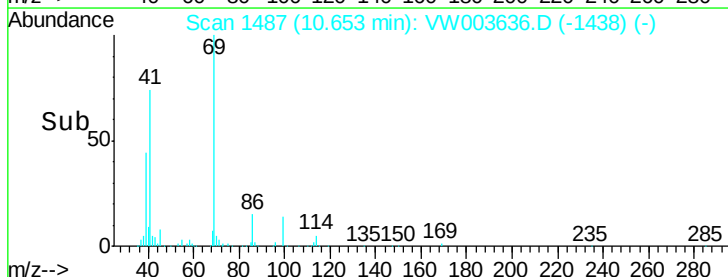
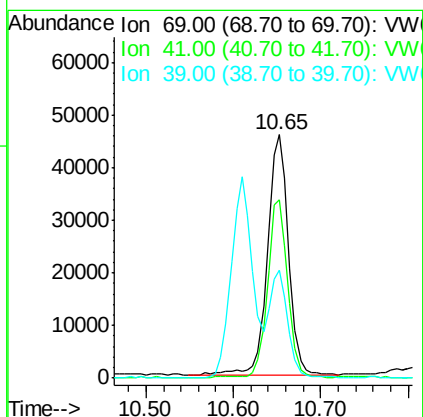
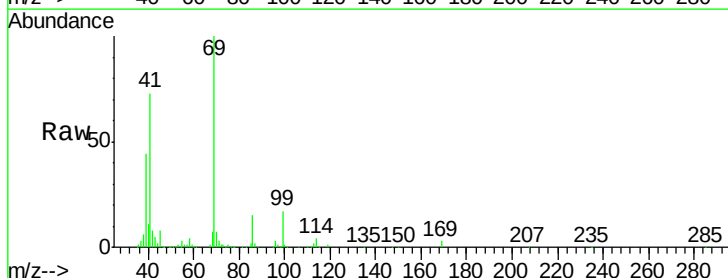
Instrument :
 MSVOA_W
 ClientSampleId :

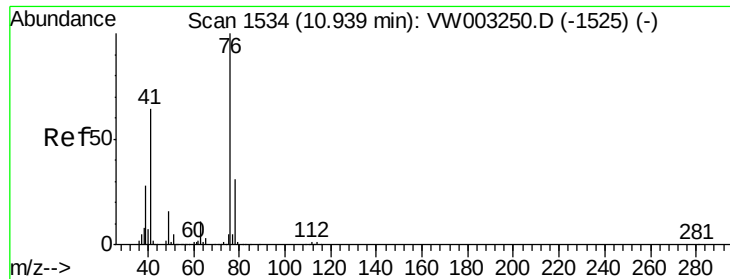
Tot Ion:	97	Resp:	67355
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.2	105.2
85	56.7	45.6	68.4
99	61.8	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 56.346 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion:	69	Resp:	77646
Ion	Ratio	Lower	Upper
69	100		
41	69.4	57.8	86.6
39	38.5	32.7	49.1





#57

1,3-Dichloropropane

Concen: 60.054 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

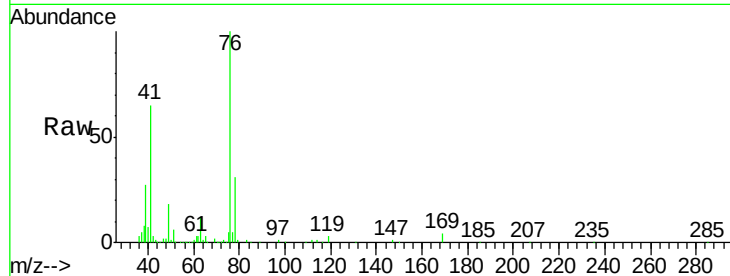
ClientSampleId :

Tot Ion: 76 Resp: 117537

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.94

80000

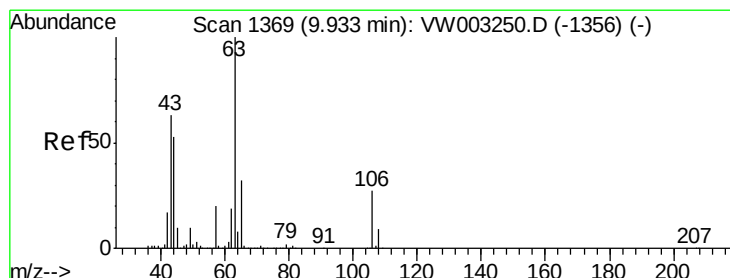
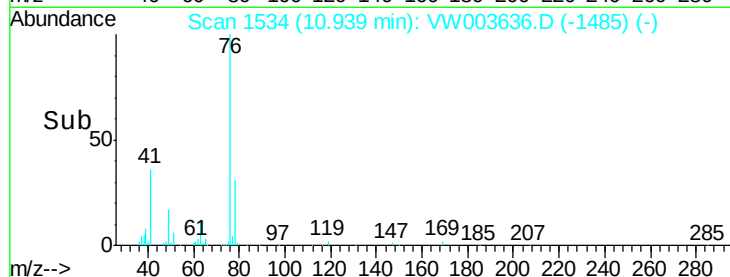
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 328.196 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003636.D

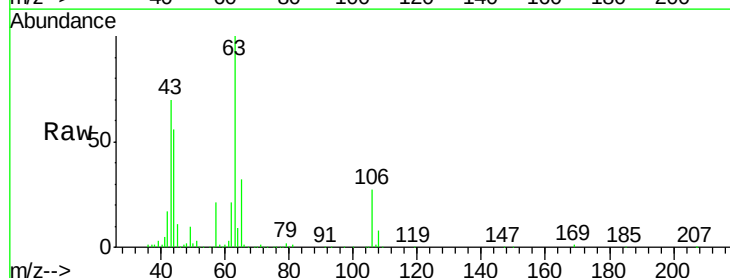
Acq: 28 Jun 2018 14:14

Tgt Ion: 63 Resp: 202739

Ion Ratio Lower Upper

63 100

106 26.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

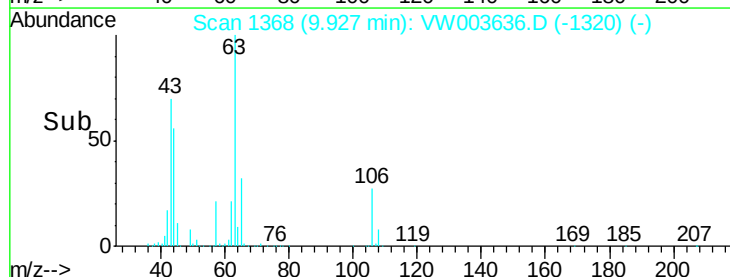
9.93

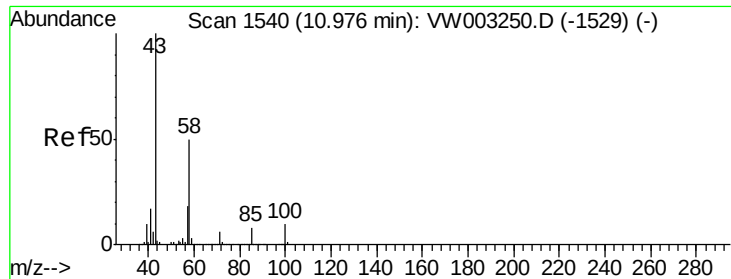
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 340.544 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

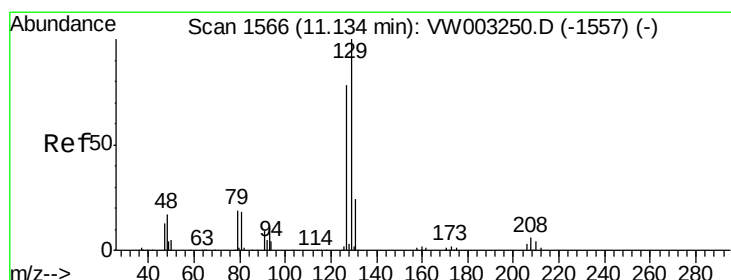
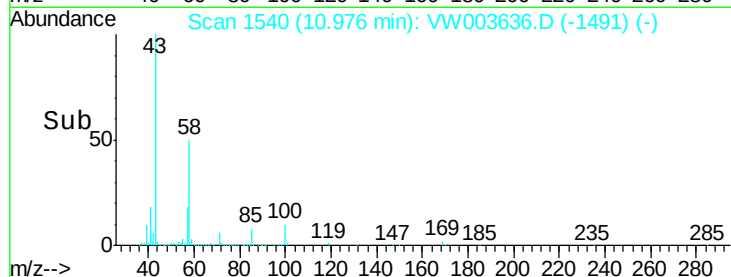
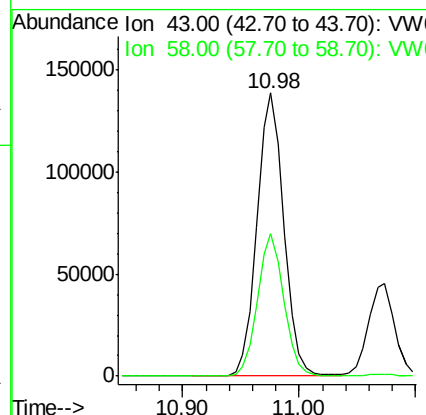
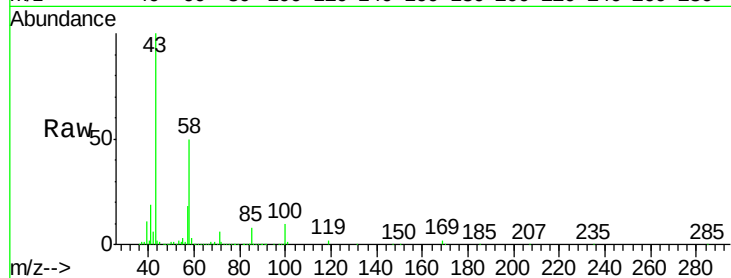
ClientSampleId :

Tot Ion: 43 Resp: 223489

Ion Ratio Lower Upper

43 100

58 49.2 25.0 75.0



#60

Dibromochloromethane

Concen: 53.144 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW003636.D

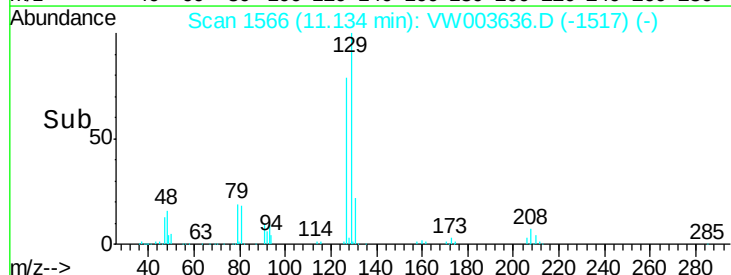
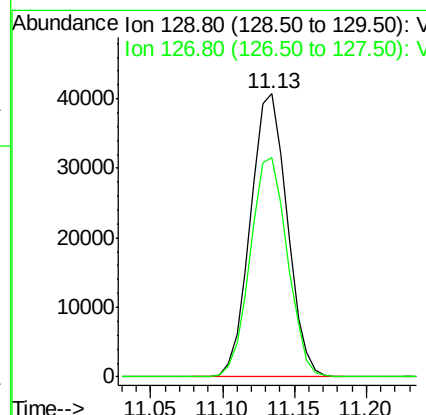
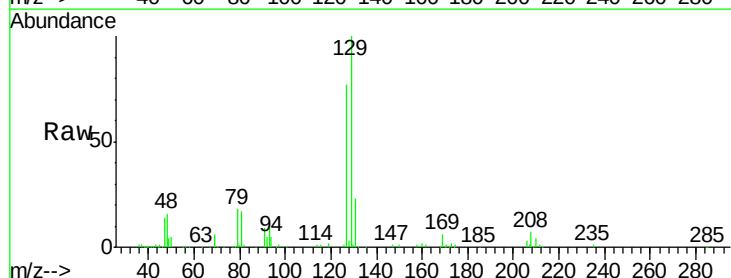
Acq: 28 Jun 2018 14:14

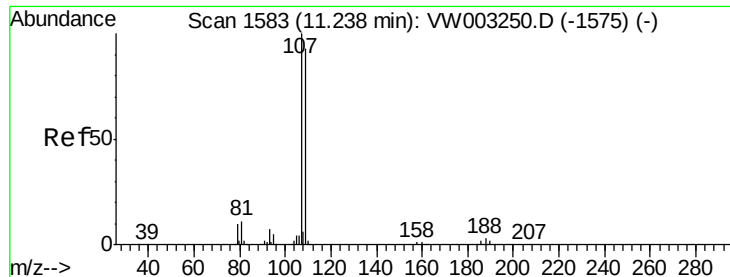
Tgt Ion: 129 Resp: 71719

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.5

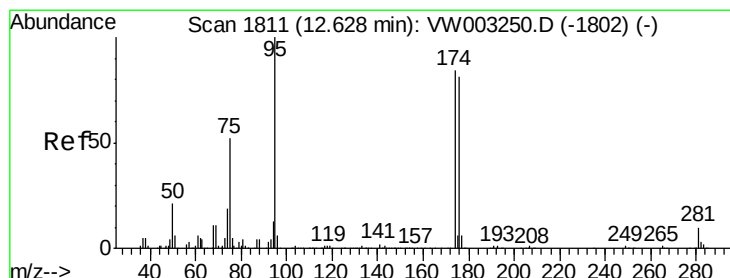
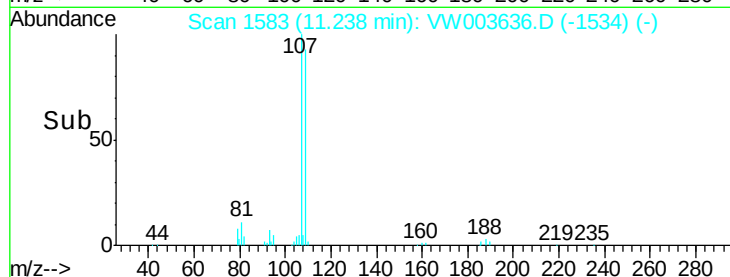
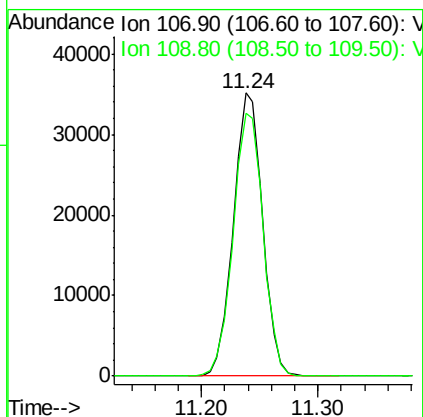
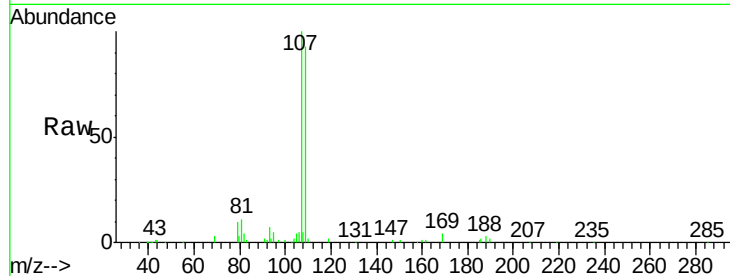




#61
 1,2-Dibromoethane
 Concen: 57.226 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

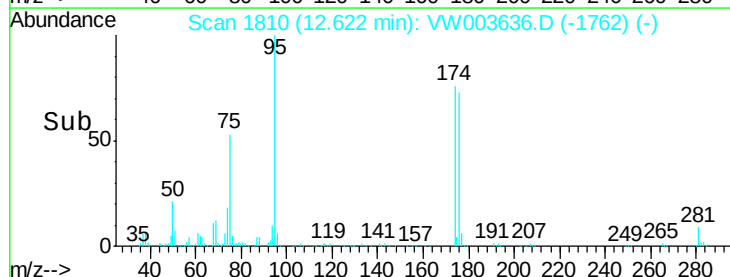
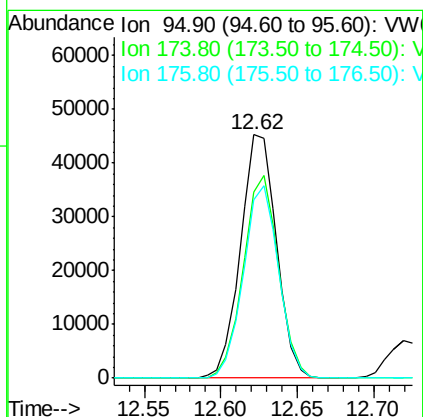
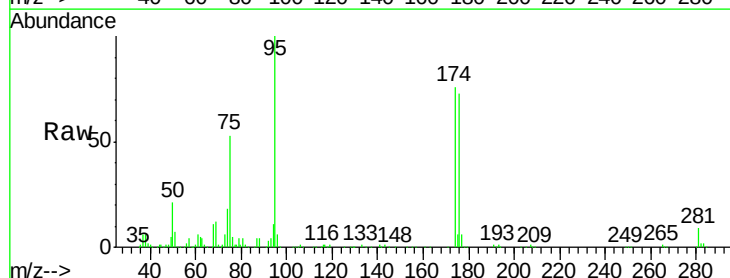
Instrument :
 MSVOA_W
 ClientSampleId :

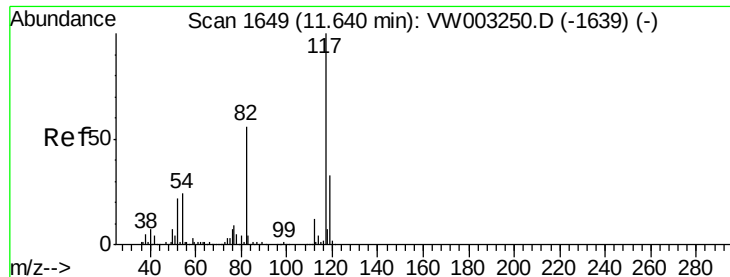
Tot Ion: 107 Resp: 61427
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 36.620 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion: 95 Resp: 74102
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 166.4
 176 77.5 0.0 162.0

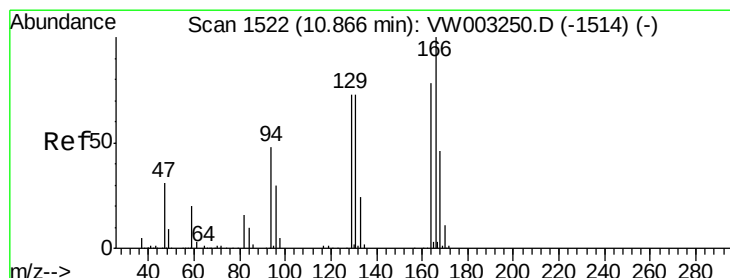
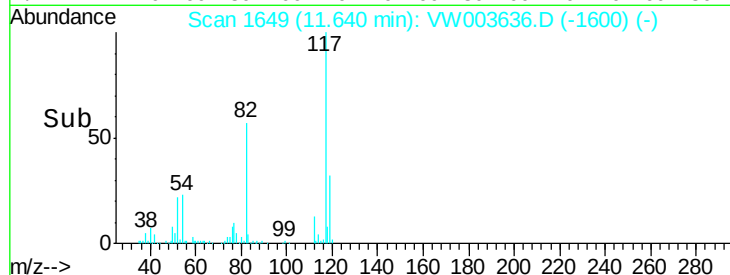
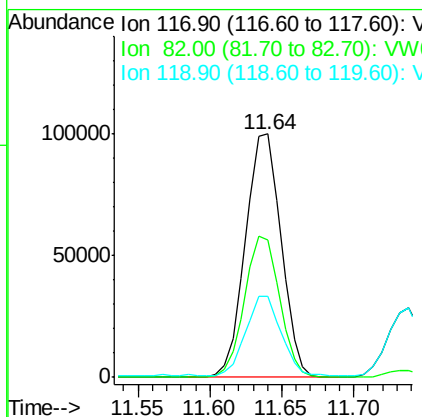
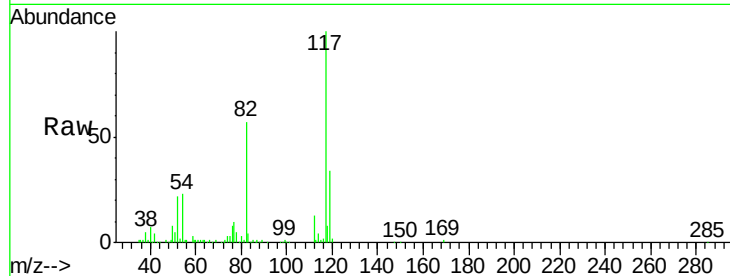




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

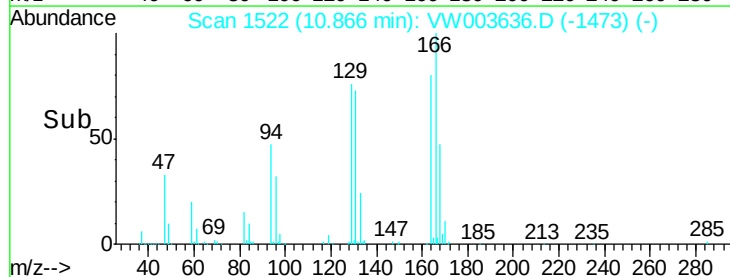
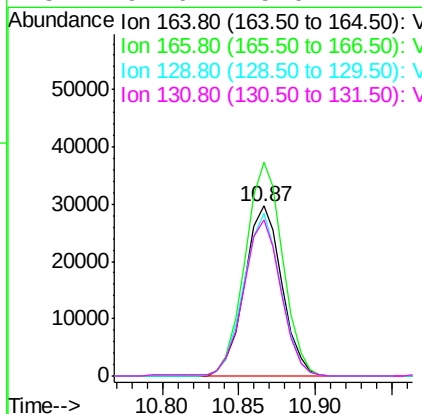
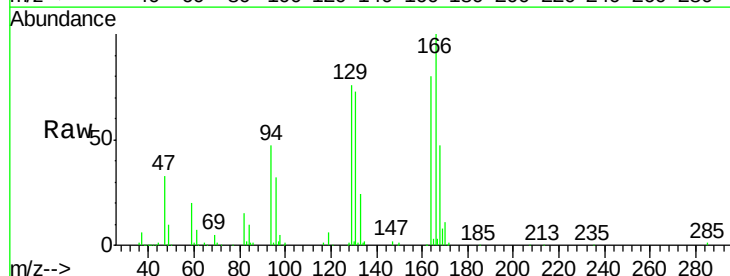
Instrument :
MSVOA_W
ClientSampled :

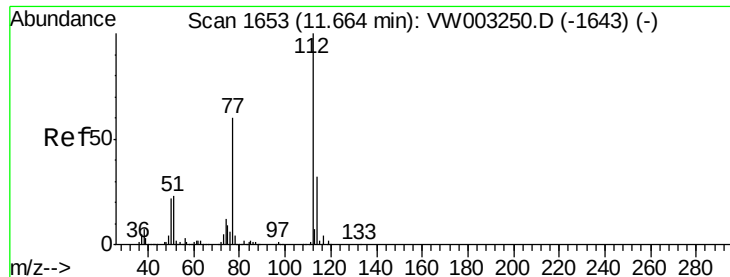
Tot Ion:117 Resp: 171547
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 32.8 26.7 40.1



#64
Tetrachloroethene
Concen: 43.710 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion:164 Resp: 50153
Ion Ratio Lower Upper
164 100
166 125.7 102.6 154.0
129 96.0 75.2 112.8
131 91.6 75.0 112.4





#65

Chlorobenzene

Concen: 49.817 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

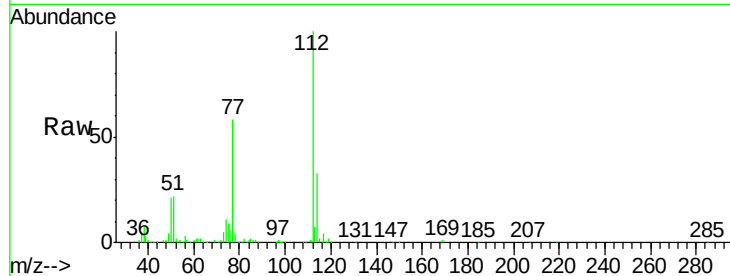
ClientSampleId :

Tot Ion:112 Resp: 177964

Ion Ratio Lower Upper

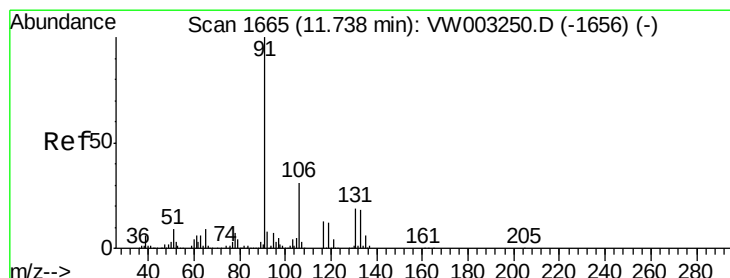
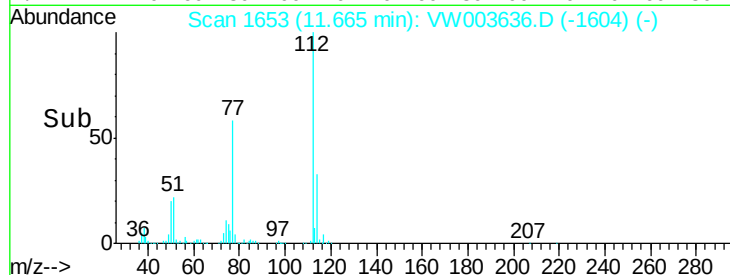
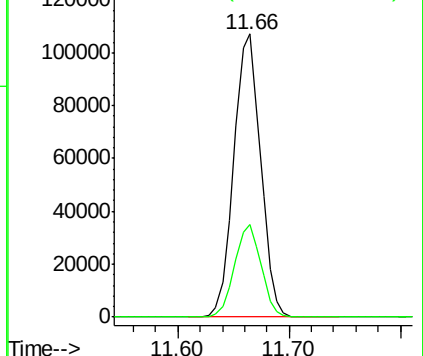
112 100

114 32.8 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 57.139 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

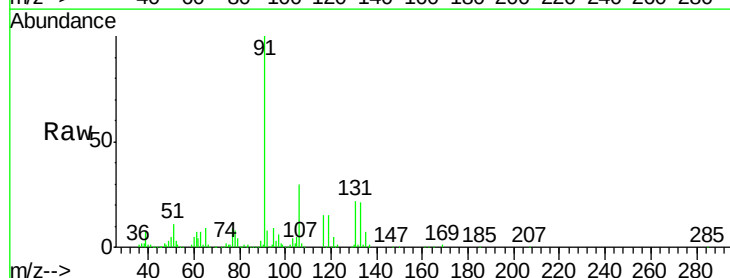
Tgt Ion:131 Resp: 71731

Ion Ratio Lower Upper

131 100

133 95.4 47.3 142.0

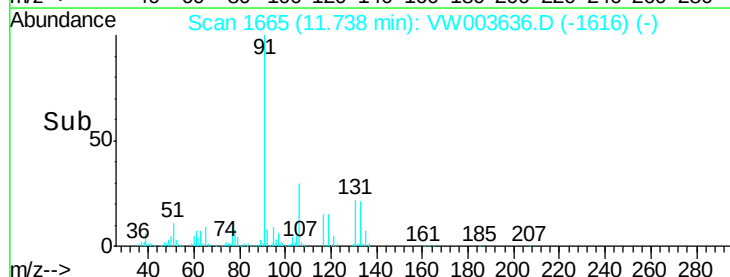
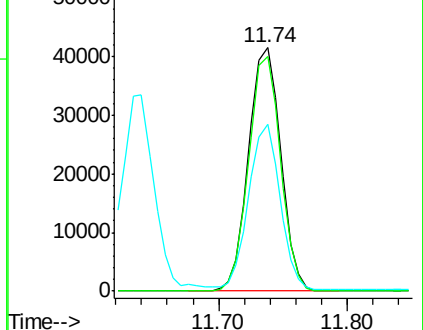
119 66.6 32.5 97.4

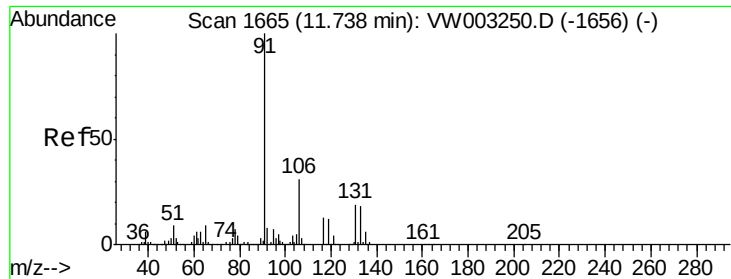


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.649 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

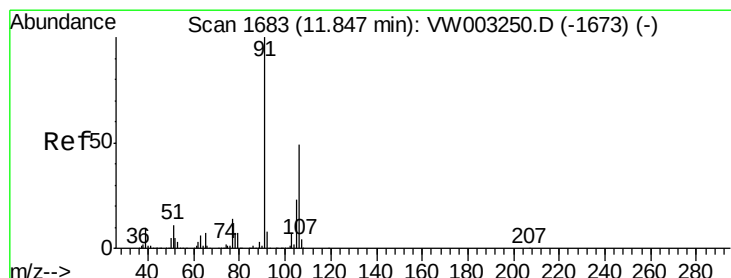
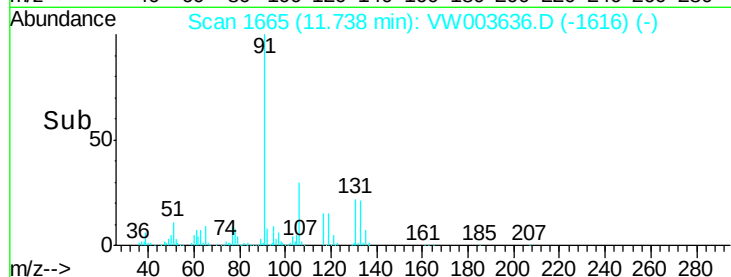
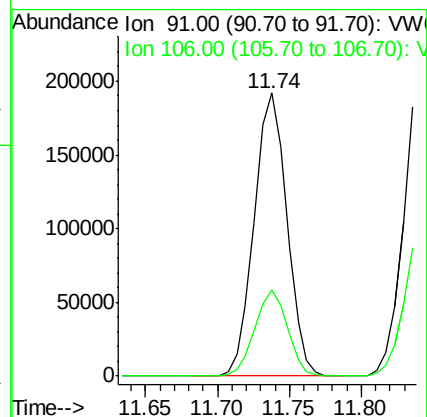
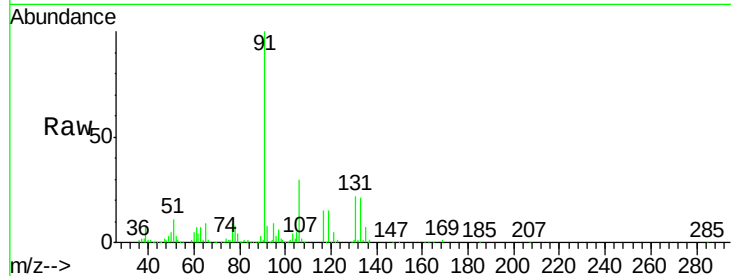
ClientSampleId :

Tot Ion: 91 Resp: 301731

Ion Ratio Lower Upper

91 100

106 30.4 24.7 37.1



#68

m/p-Xylenes

Concen: 93.689 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW003636.D

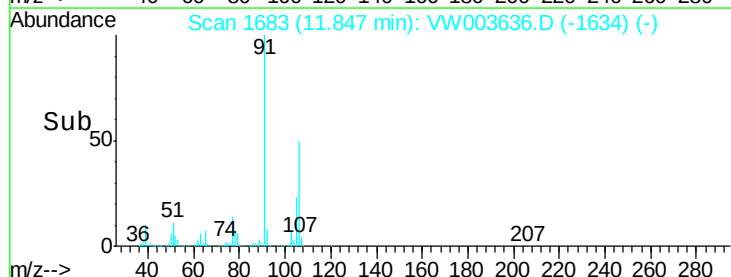
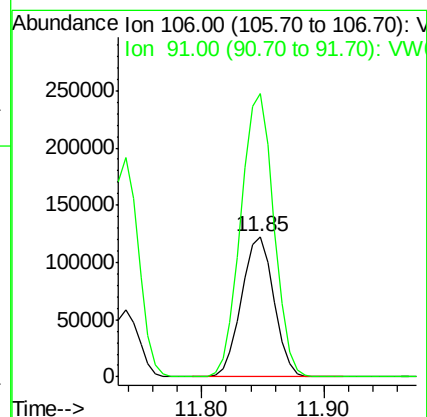
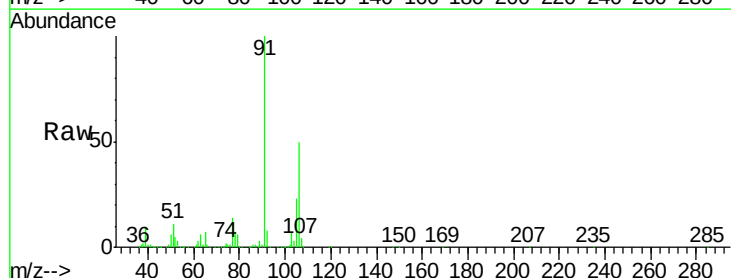
Acq: 28 Jun 2018 14:14

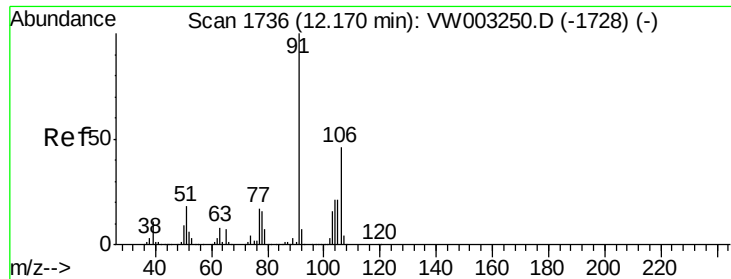
Tgt Ion: 106 Resp: 225525

Ion Ratio Lower Upper

106 100

91 205.1 165.4 248.0

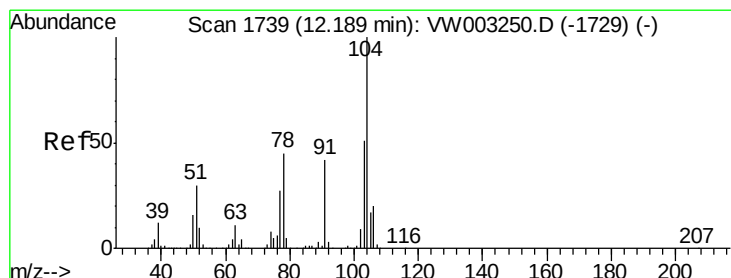
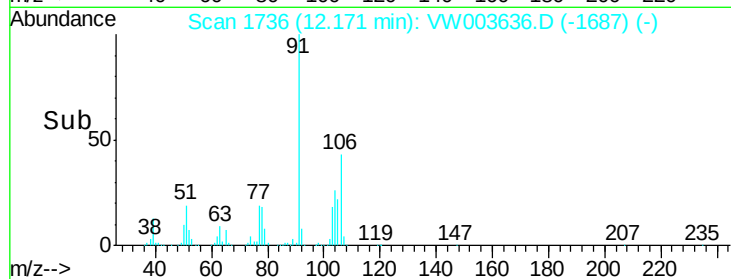
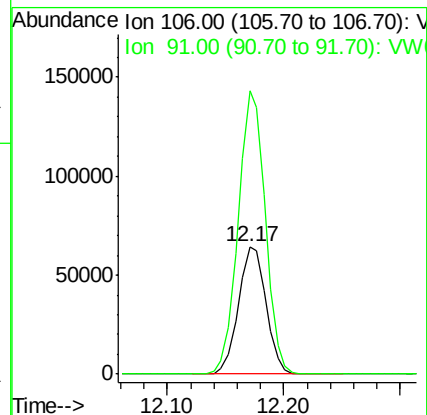
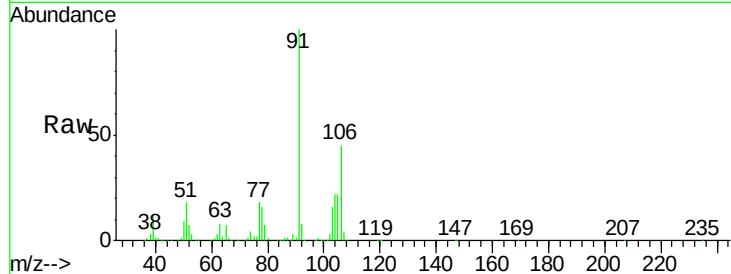




#69
o-Xylene
Concen: 47.643 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

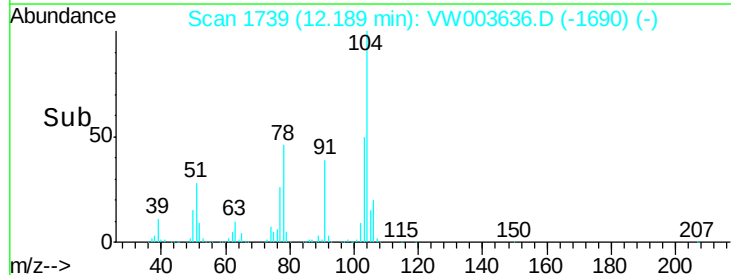
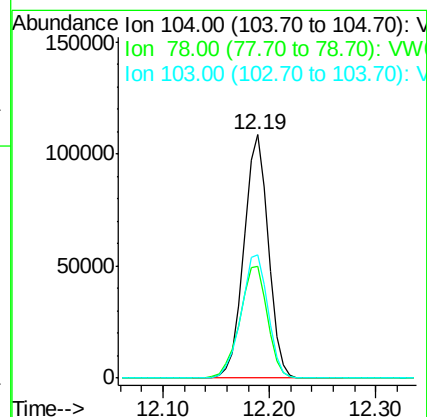
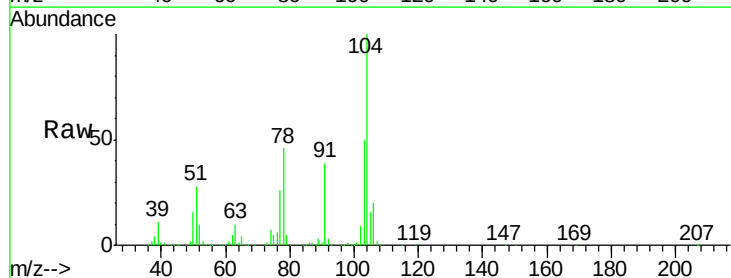
Instrument :
MSVOA_W
ClientSampleId :

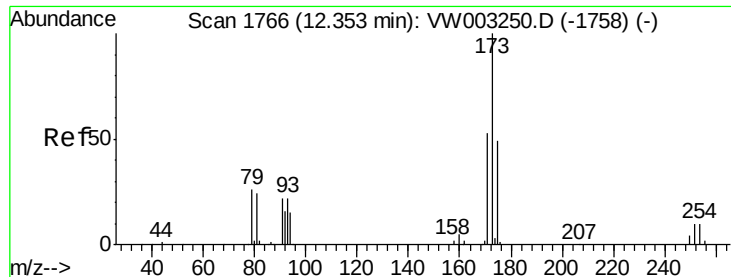
Tot Ion:106 Resp: 106287
Ion Ratio Lower Upper
106 100
91 218.6 108.6 325.6



#70
Styrene
Concen: 47.244 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion:104 Resp: 175432
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 56.0 45.0 67.4





#71

Bromoform

Concen: 62.646 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

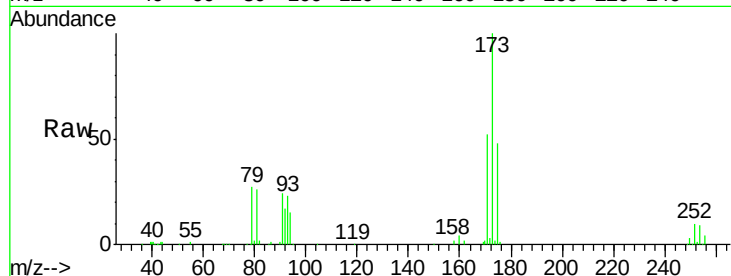
Tot Ion:173 Resp: 40759

Ion Ratio Lower Upper

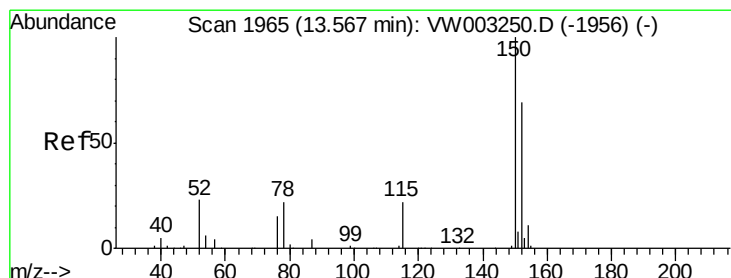
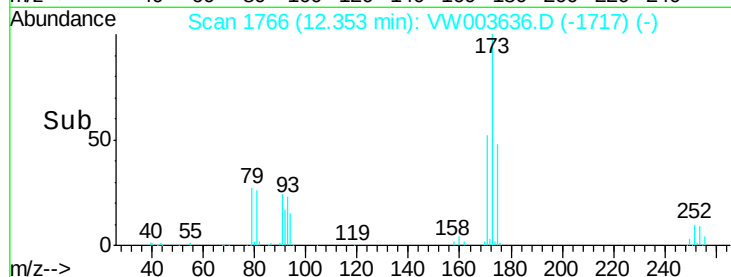
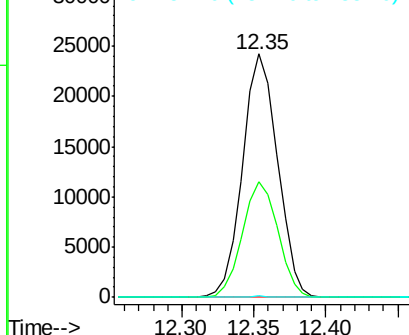
173 100

175 48.0 24.4 73.4

254 0.2 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: VW003636.D

Acq: 28 Jun 2018 14:14

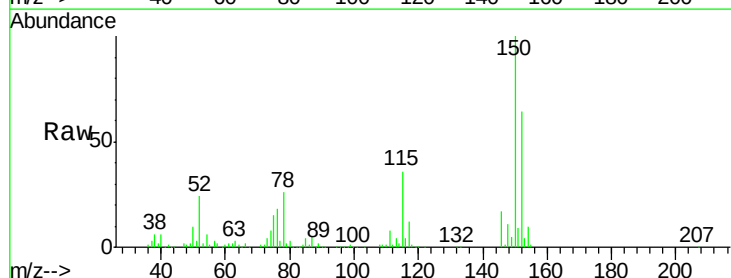
Tgt Ion:152 Resp: 56987

Ion Ratio Lower Upper

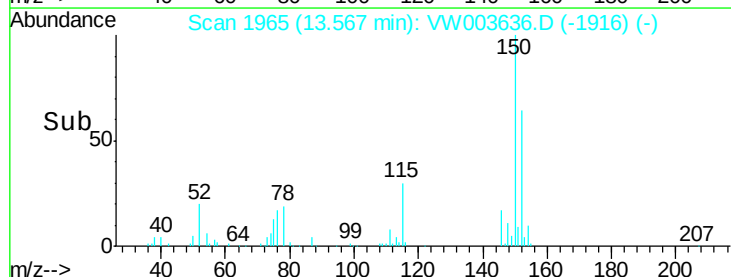
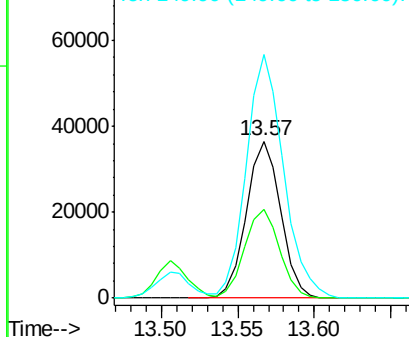
152 100

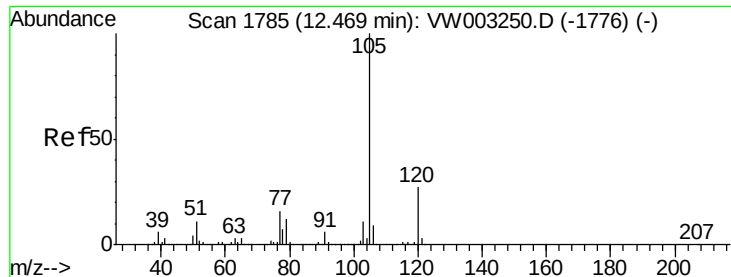
115 57.7 29.3 88.0

150 168.9 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: 60.893 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

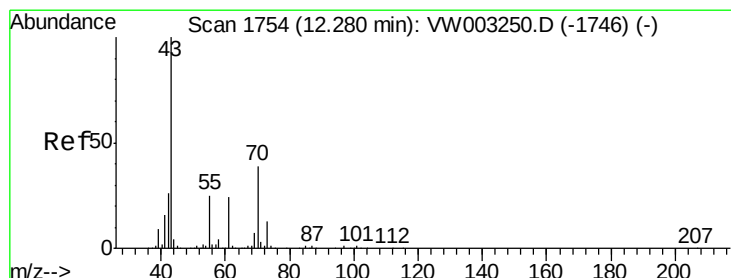
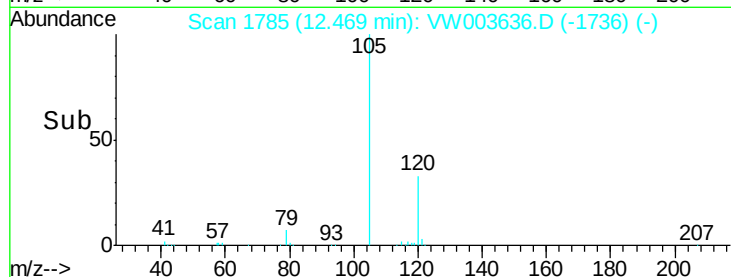
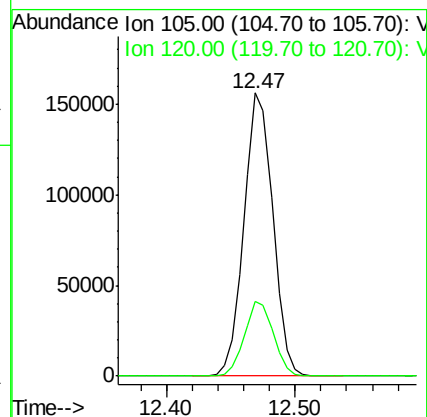
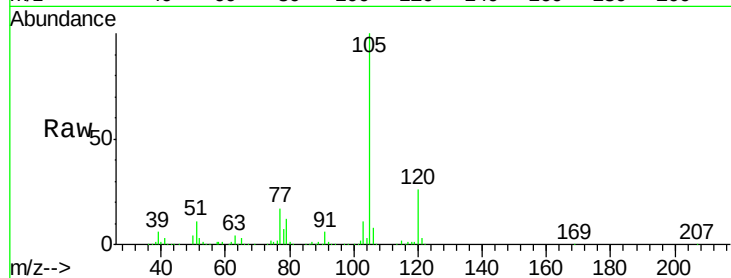
ClientSampleId :

Tot Ion:105 Resp: 241359

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 67.326 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion: 43 Resp: 60740

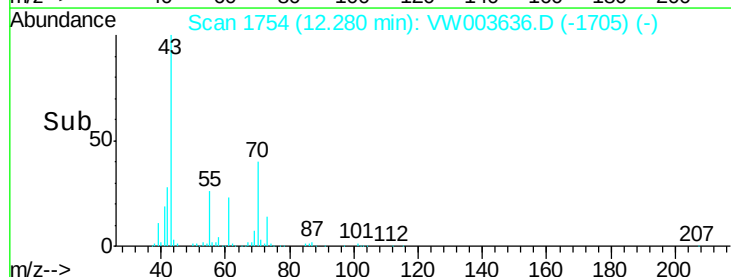
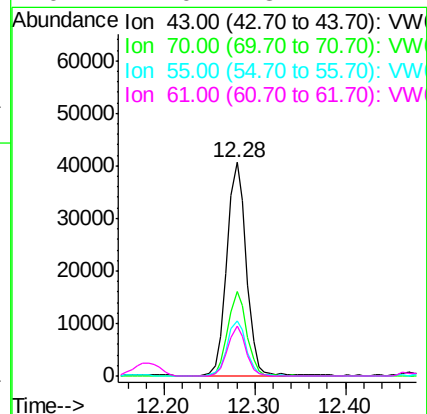
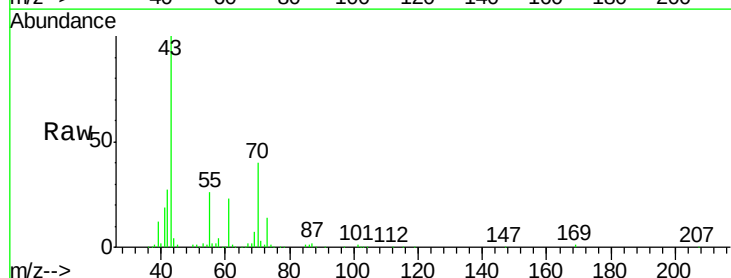
Ion Ratio Lower Upper

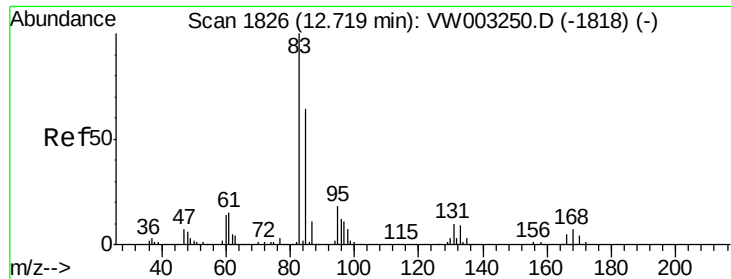
43 100

70 38.8 31.0 46.6

55 26.0 19.7 29.5

61 22.0 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 104.110 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampled :

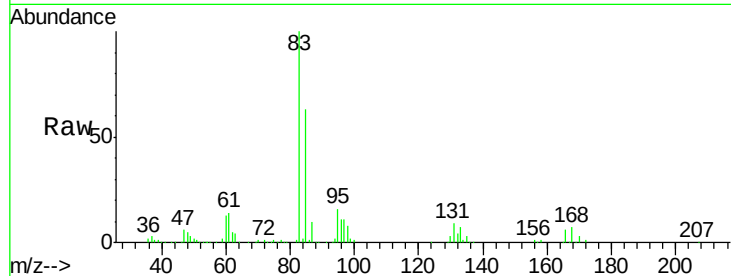
Tot Ion: 83 Resp: 69813

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

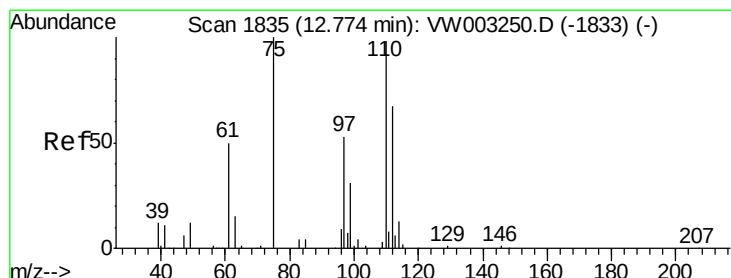
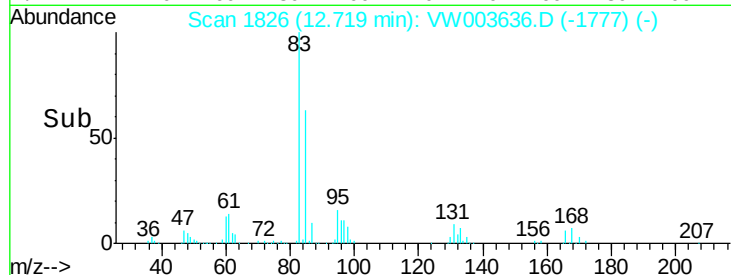
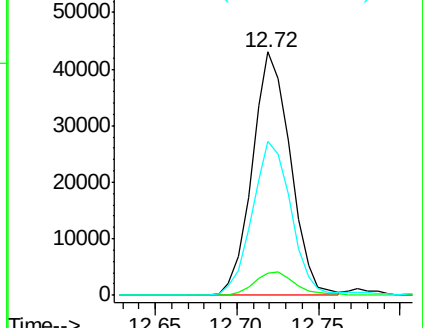
85 64.1 31.9 95.7



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: 196.341 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003636.D

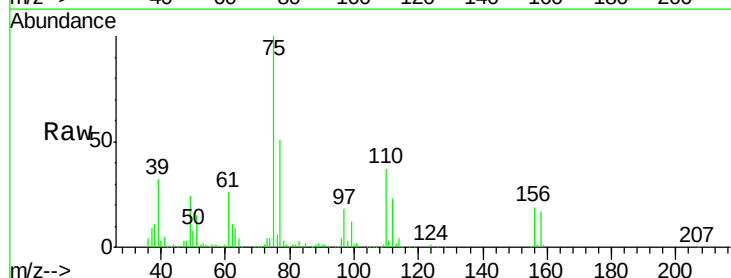
Acq: 28 Jun 2018 14:14

Tgt Ion: 75 Resp: 95652

Ion Ratio Lower Upper

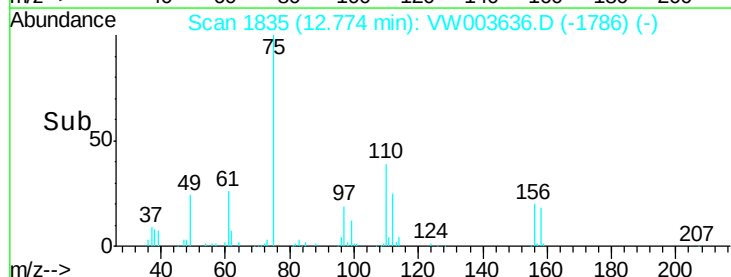
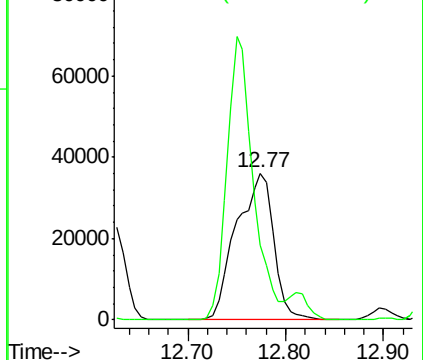
75 100

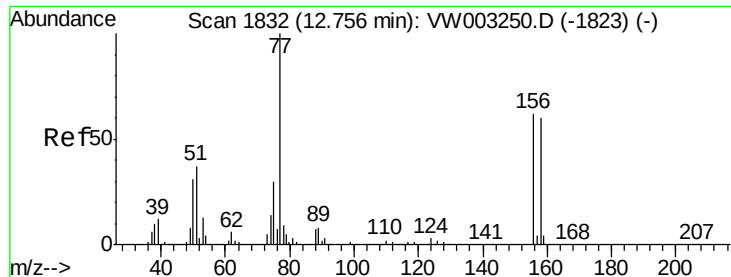
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 67.068 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

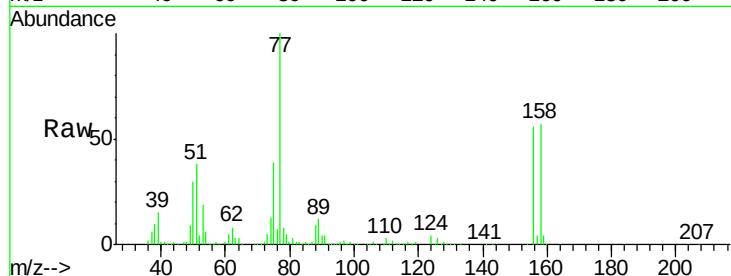
ClientSampled :

Tot Ion:156 Resp: 61910

Ion	Ratio	Lower	Upper
156	100		
77	211.3	92.3	276.9
158	99.6	47.5	142.6

77 211.3 92.3 276.9

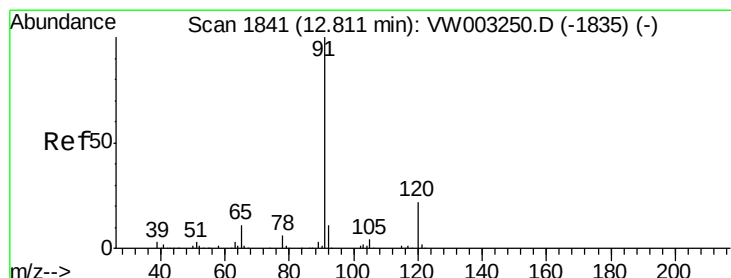
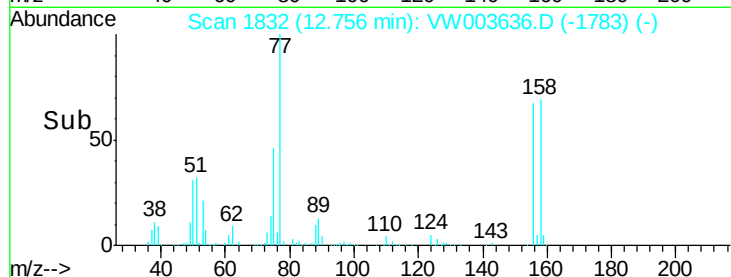
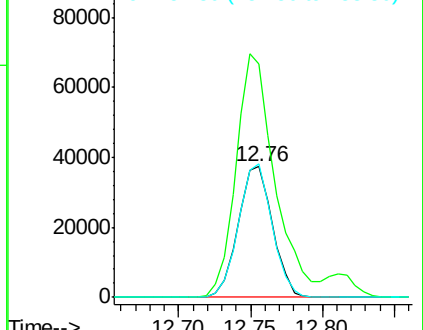
158 99.6 47.5 142.6



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: 53.721 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003636.D

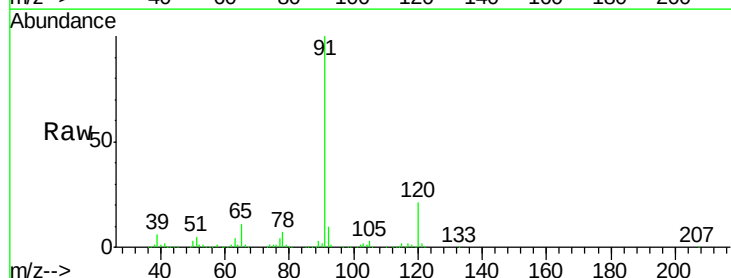
Acq: 28 Jun 2018 14:14

Tgt Ion: 91 Resp: 260733

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.3	33.8

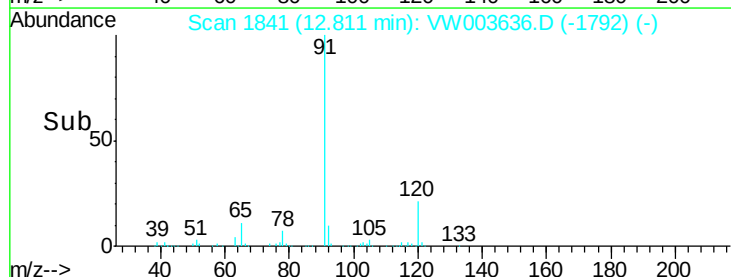
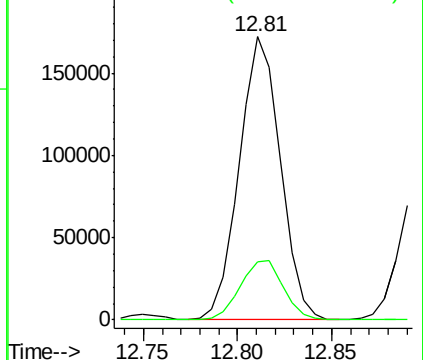
91 100

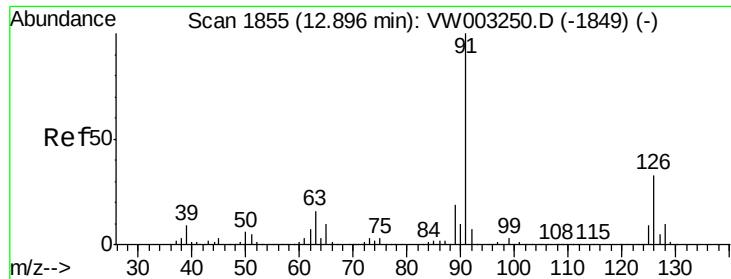
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.031 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

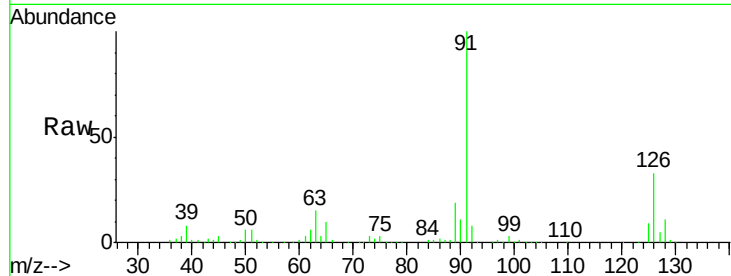
ClientSampleId :

Tot Ion: 91 Resp: 156423

Ion Ratio Lower Upper

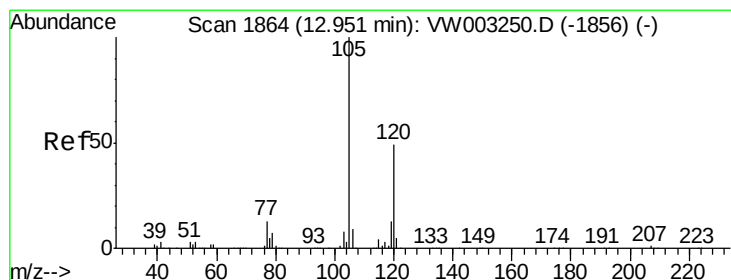
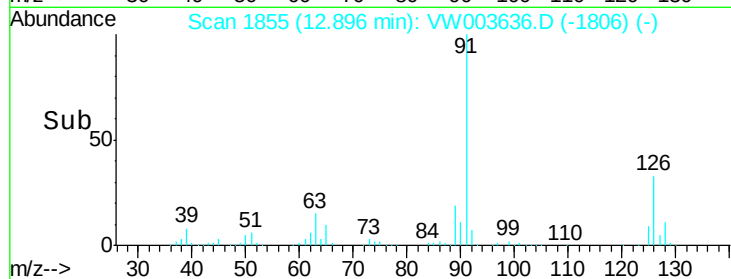
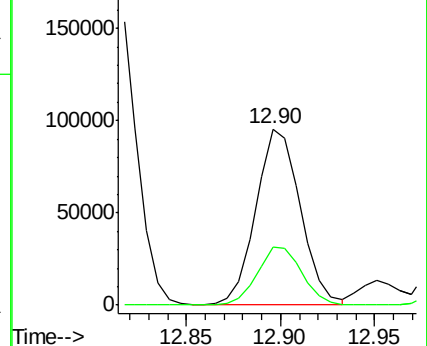
91 100

126 33.1 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: 53.485 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003636.D

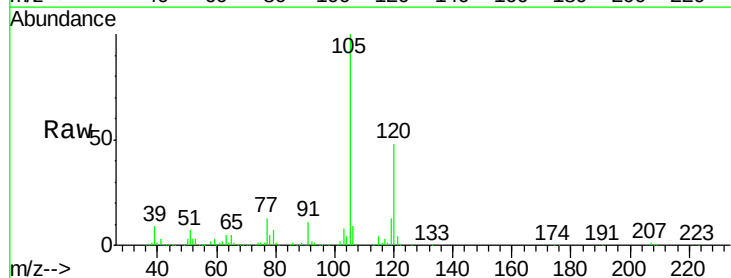
Acq: 28 Jun 2018 14:14

Tgt Ion: 105 Resp: 177945

Ion Ratio Lower Upper

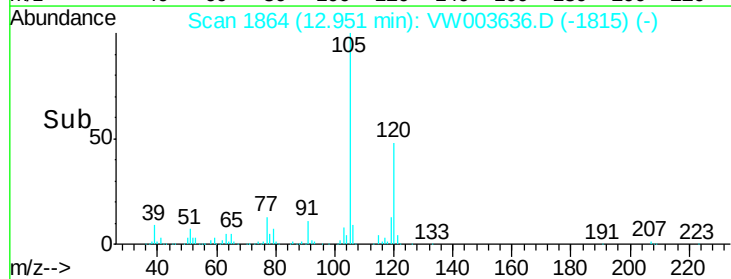
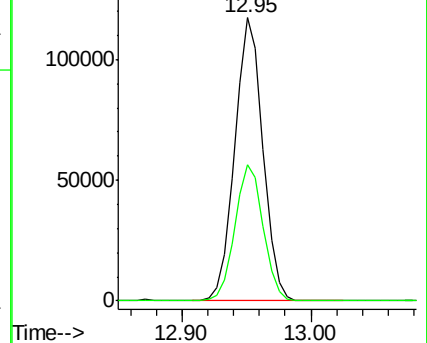
105 100

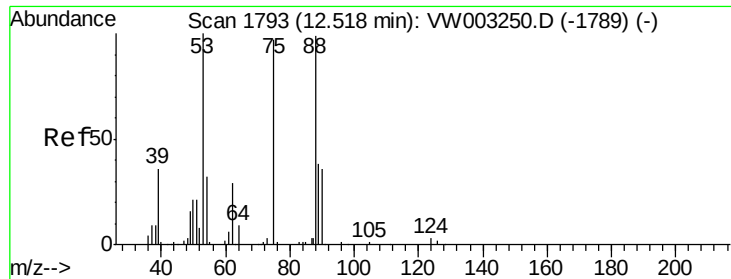
120 48.6 24.3 72.9



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: 110.251 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

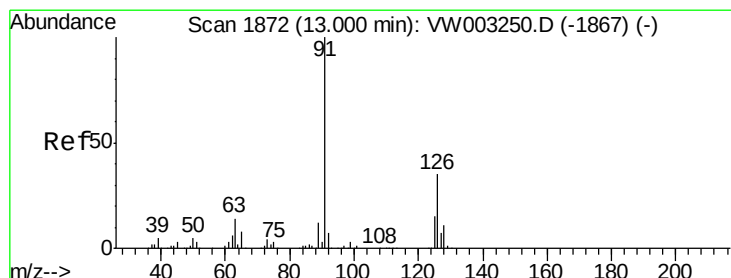
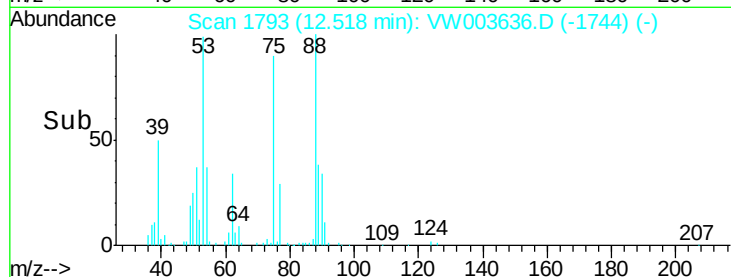
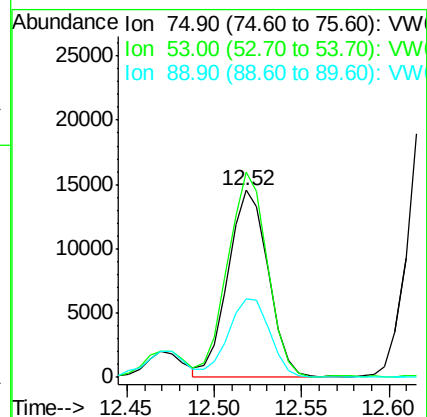
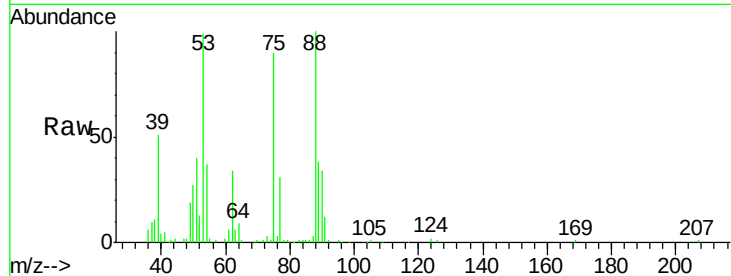
Tot Ion: 75 Resp: 23342

Ion Ratio Lower Upper

75 100

53 107.3 82.9 124.3

89 43.2 36.7 55.1



#82

4-Chlorotoluene

Concen: 56.132 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003636.D

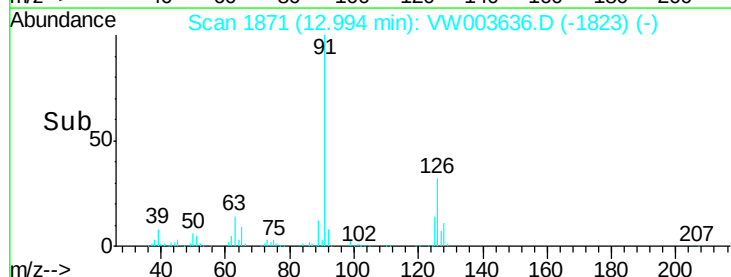
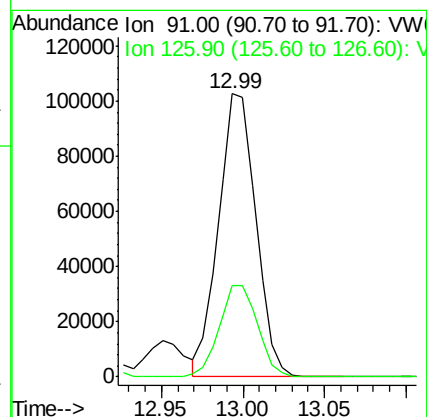
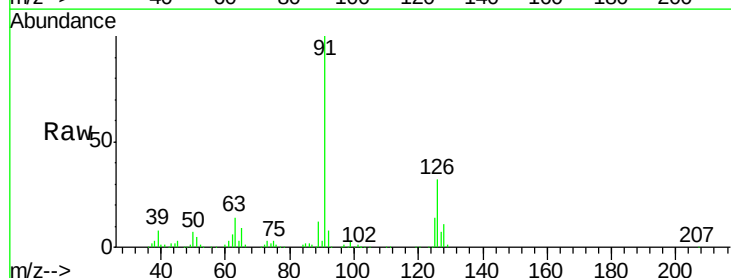
Acq: 28 Jun 2018 14:14

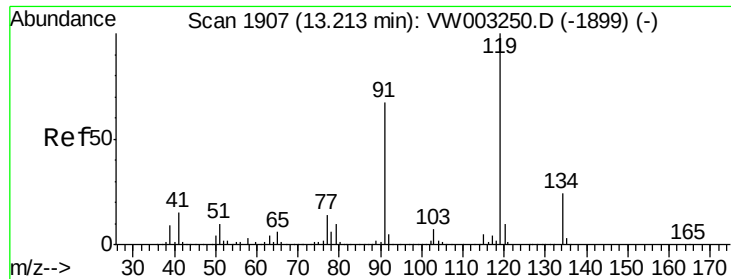
Tgt Ion: 91 Resp: 163322

Ion Ratio Lower Upper

91 100

126 33.4 16.8 50.3

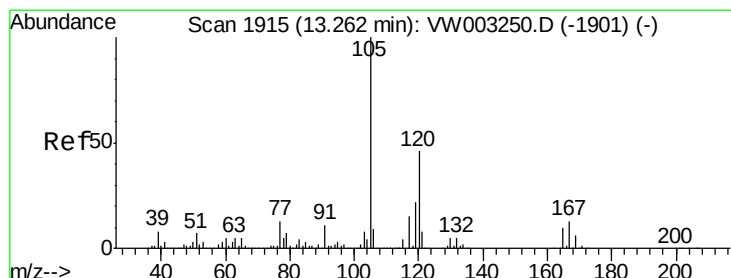
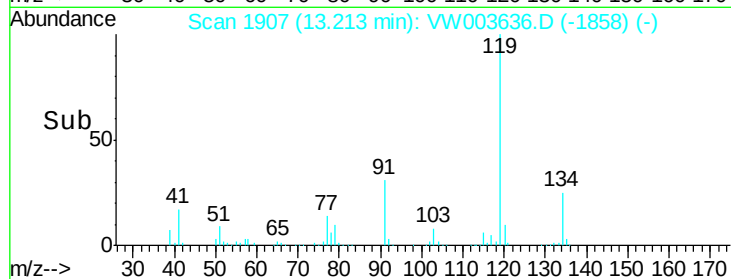
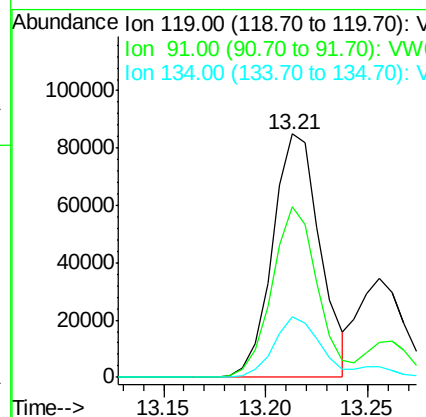
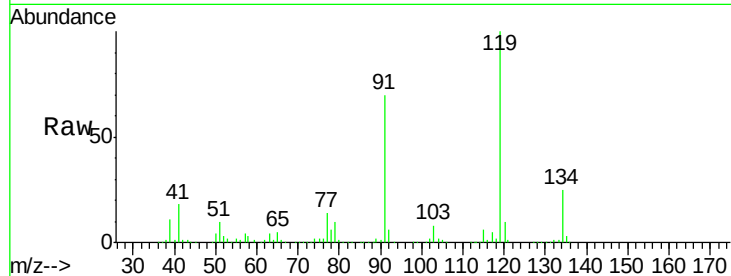




#83
 tert-Butylbenzene
 Concen: 48.763 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

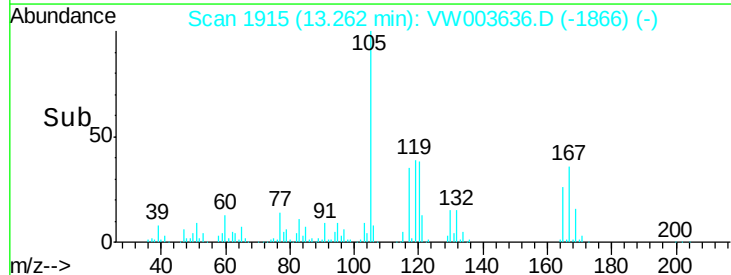
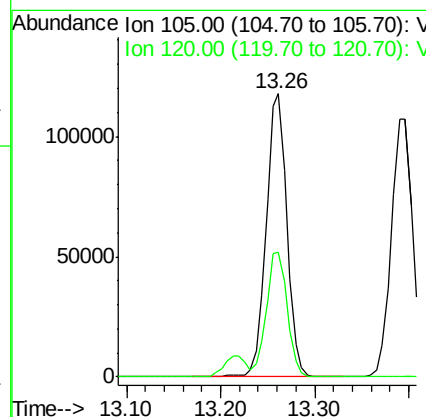
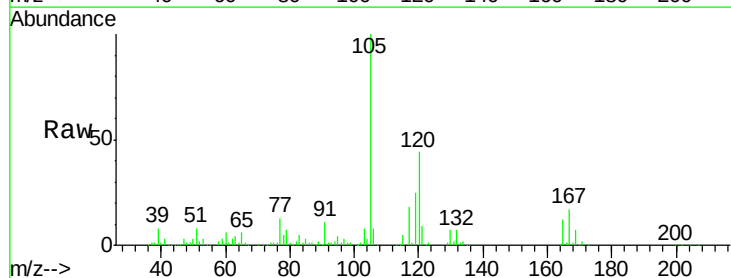
Instrument :
 MSVOA_W
 ClientSampleId :

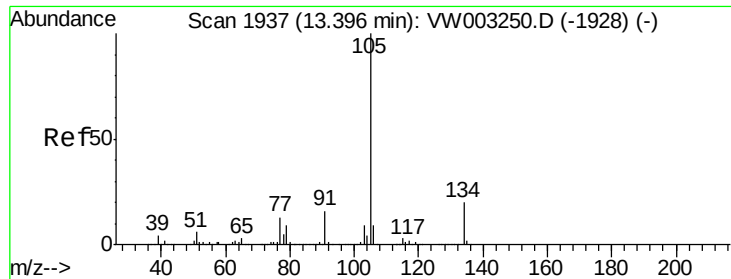
Tot Ion:119 Resp: 138261
 Ion Ratio Lower Upper
 119 100
 91 67.6 33.9 101.7
 134 24.4 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.512 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion:105 Resp: 183139
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.5 67.5





#85

sec-Butylbenzene

Concen: 40.322 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Instrument :

MSVOA_W

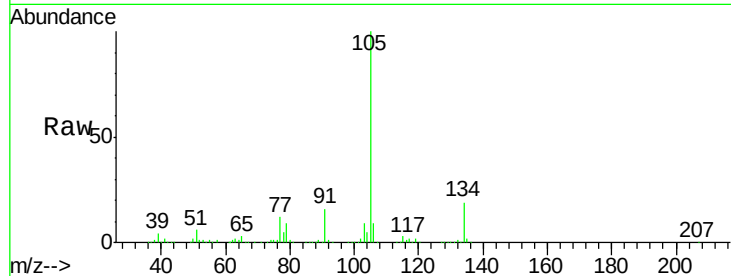
ClientSampled :

Tot Ion:105 Resp: 169936

Ion Ratio Lower Upper

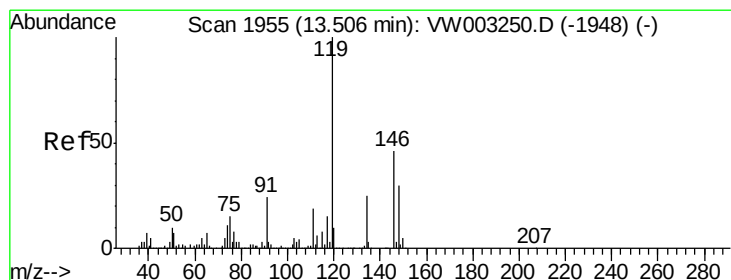
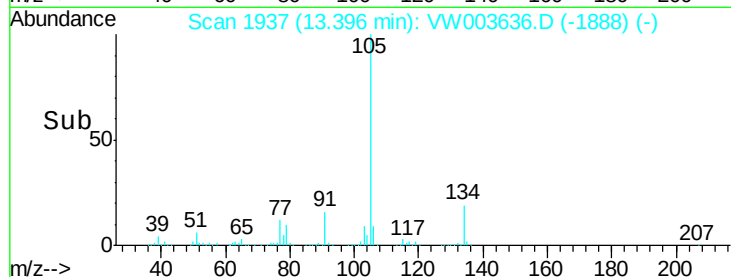
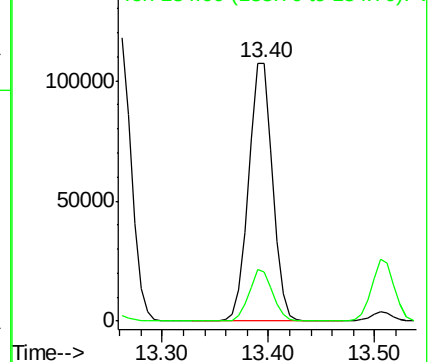
105 100

134 19.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 39.900 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

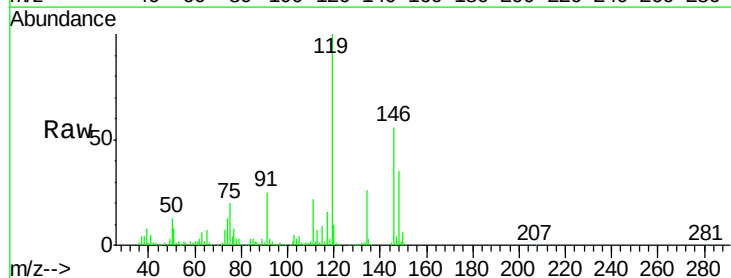
Tgt Ion:119 Resp: 148313

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

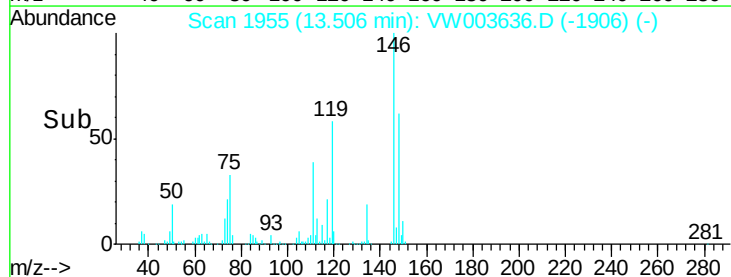
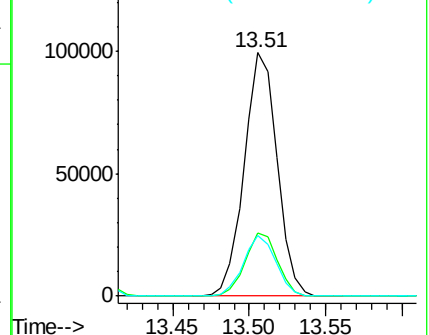
91 24.3 11.8 35.3

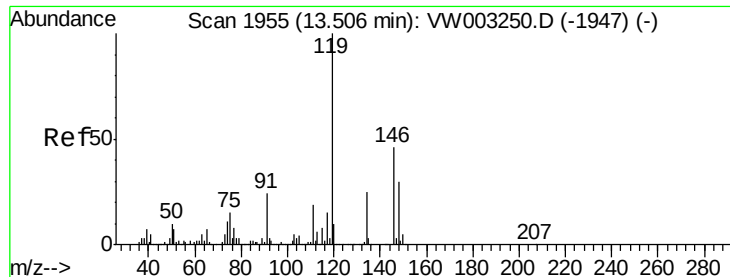


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.667 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

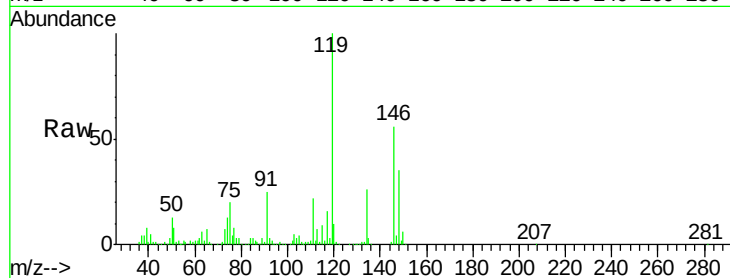
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146 Resp: 88496

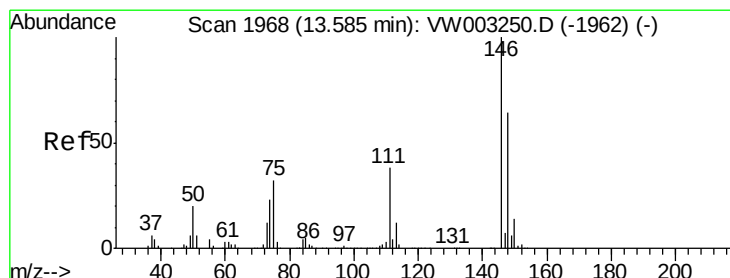
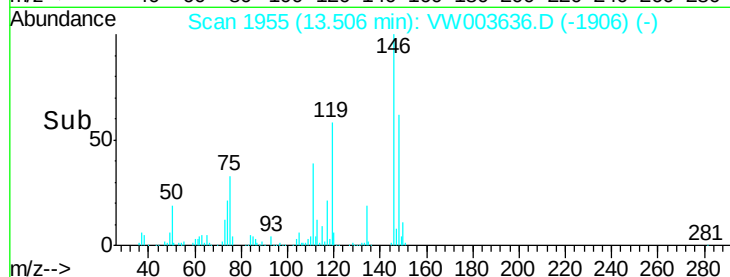
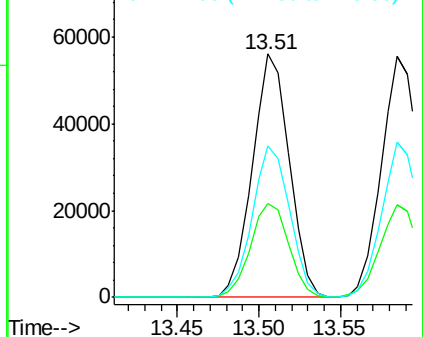
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.4
148	63.3	32.1	96.5



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



#88

1,4-Dichlorobenzene

Concen: 47.410 ug/l

RT: 13.58 min Scan# 1968

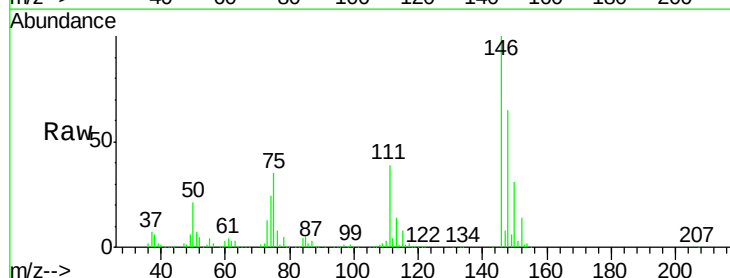
Delta R.T. 0.00 min

Lab File: VW003636.D

Acq: 28 Jun 2018 14:14

Tgt Ion:146 Resp: 89378

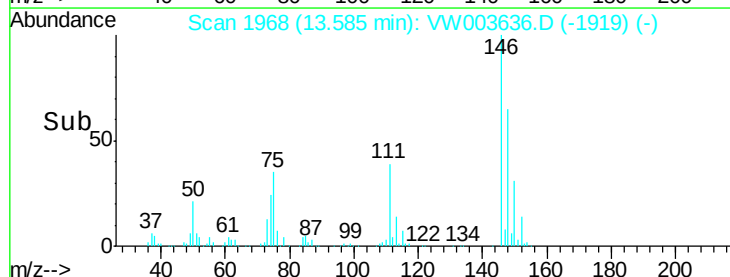
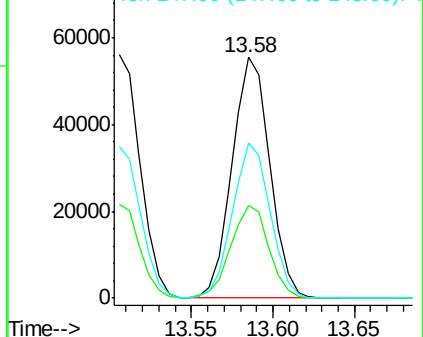
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.2	57.6
148	64.3	31.8	95.4

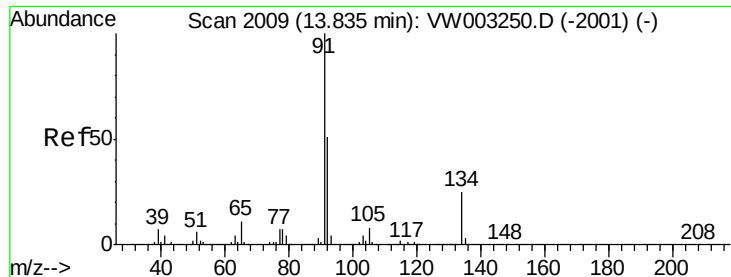


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

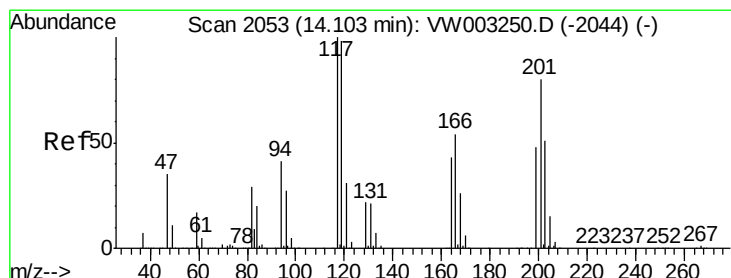
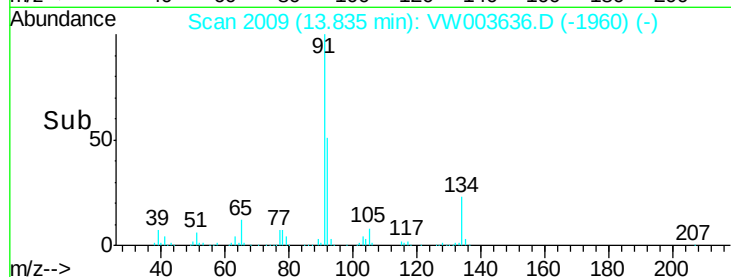
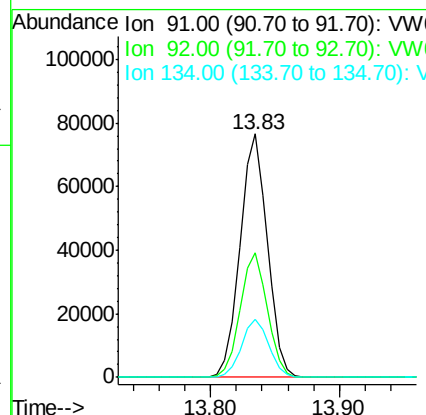
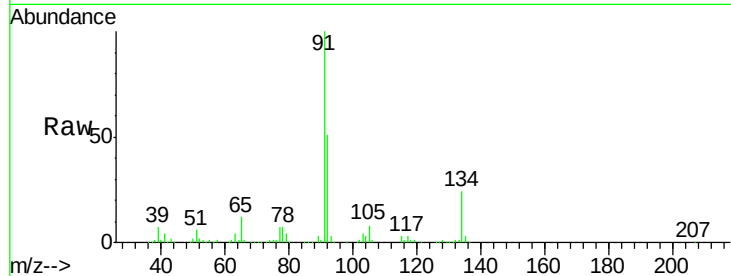




#89
n-Butylbenzene
Concen: 31.018 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

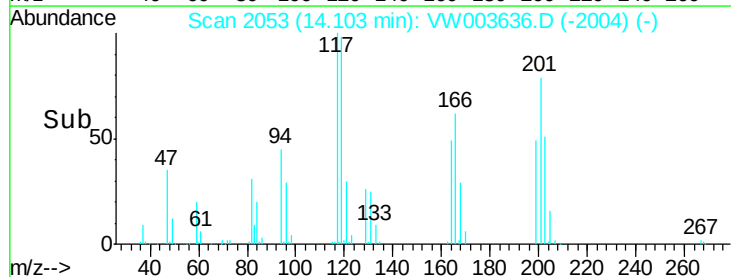
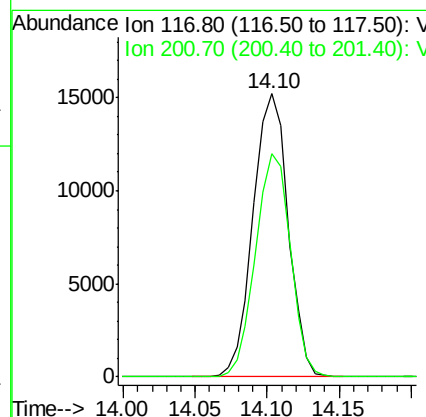
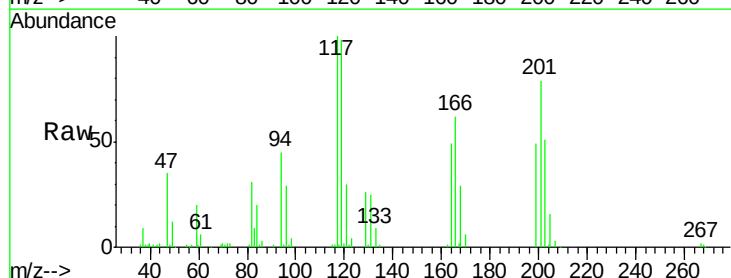
Instrument :
MSVOA_W
ClientSampled :

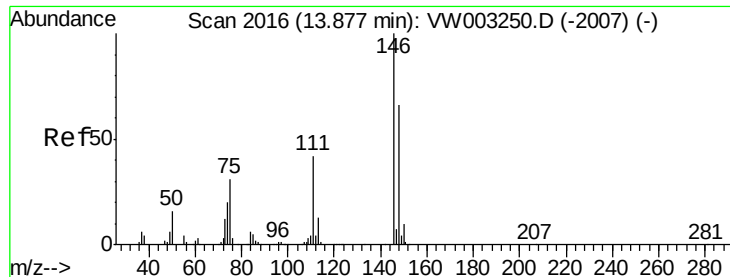
Tot Ion: 91 Resp: 112388
Ion Ratio Lower Upper
91 100
92 51.0 26.0 78.0
134 23.8 12.7 38.0



#90
Hexachloroethane
Concen: 38.211 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion: 117 Resp: 25694
Ion Ratio Lower Upper
117 100
201 78.2 39.5 118.5

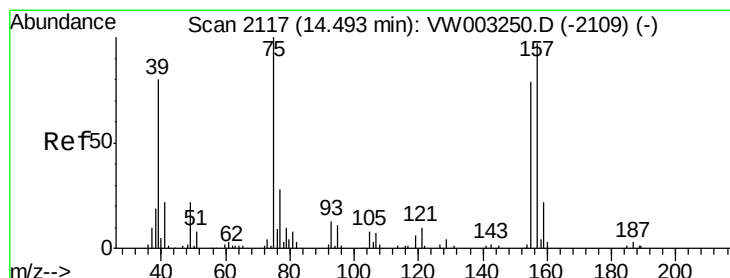
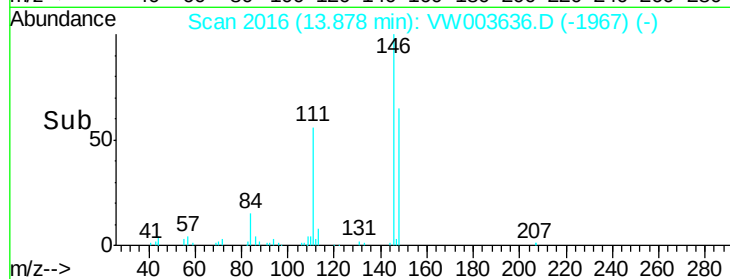
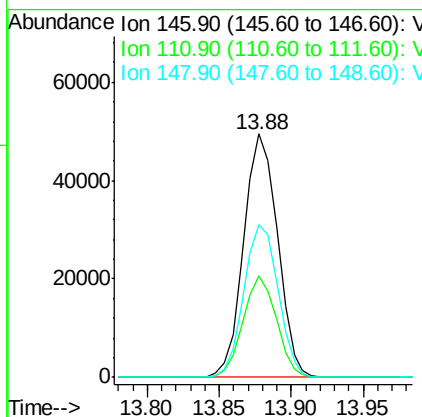
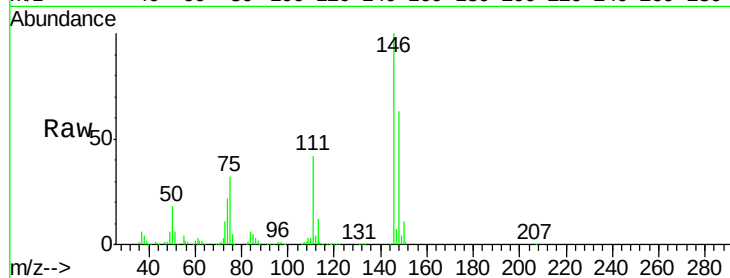




#91
 1,2-Dichlorobenzene
 Concen: 48.545 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

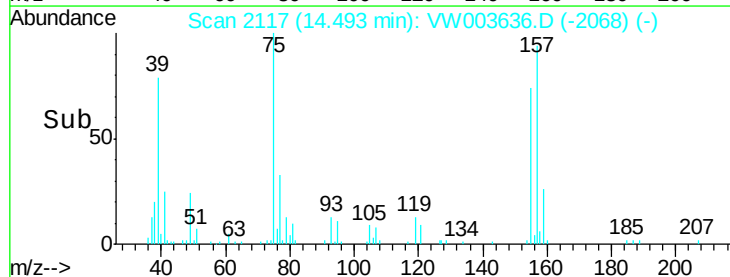
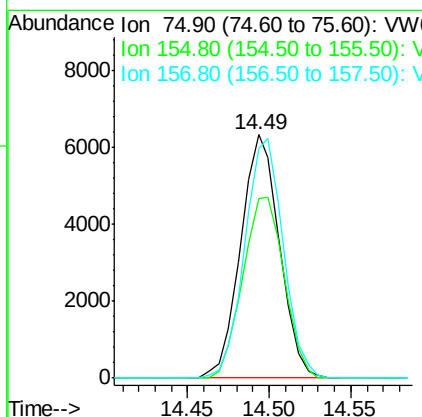
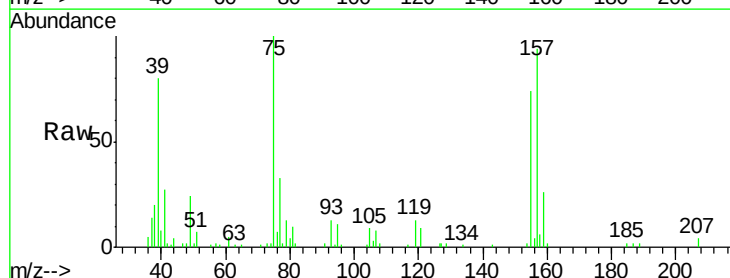
Instrument :
 MSVOA_W
 ClientSampleId :

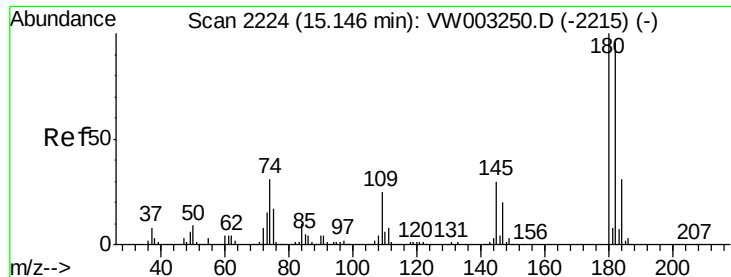
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	61.0
148	63.4	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.594 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	39.4	118.2
157	98.0	51.5	154.5

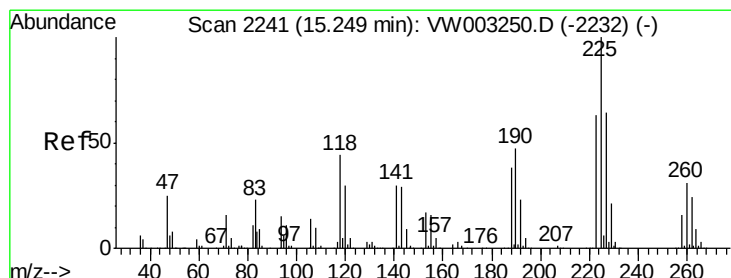
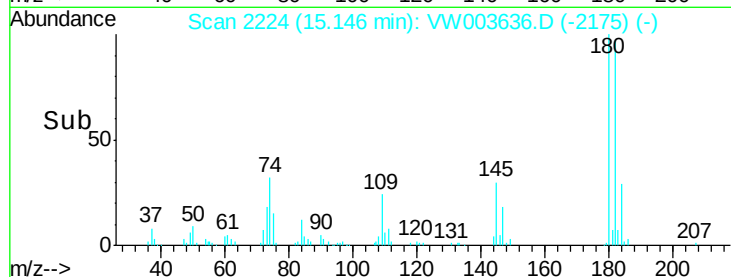
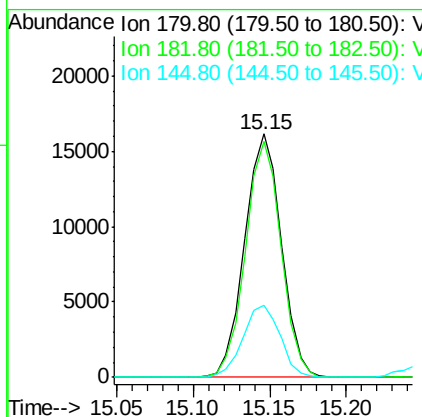
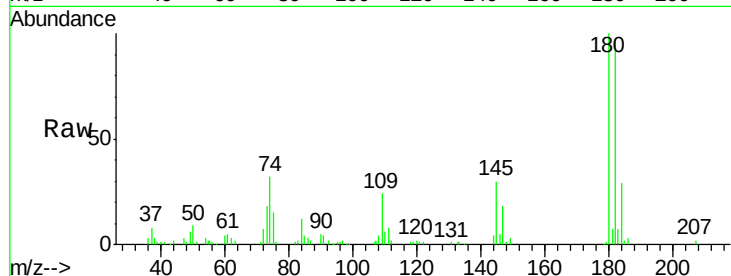




#93
 1,2,4-Trichlorobenzene
 Concen: 23.072 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

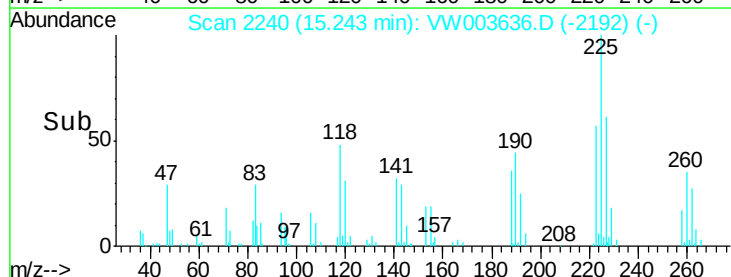
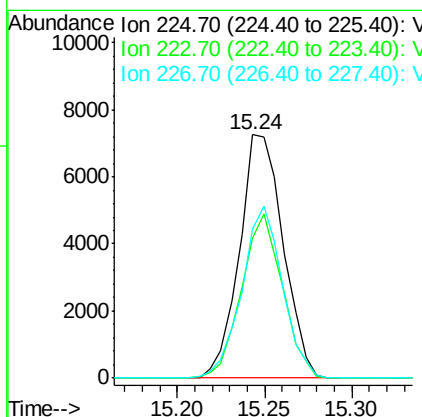
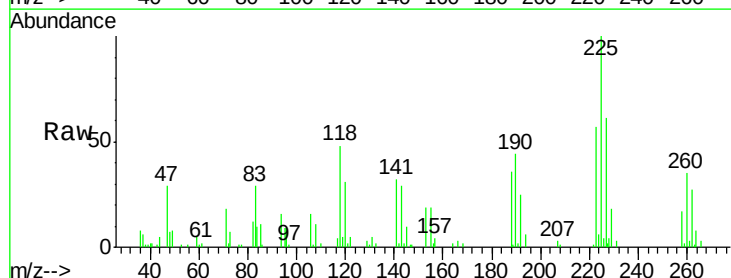
Instrument :
 MSVOA_W
 ClientSampleId :

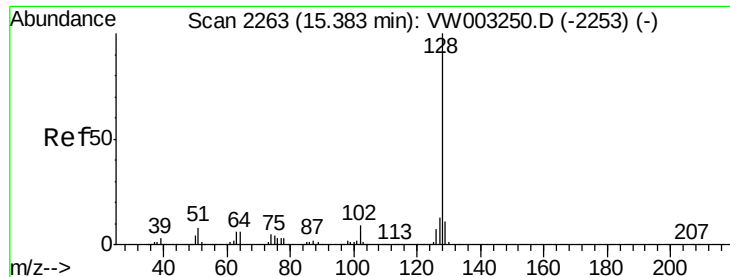
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.9	143.6
145	30.0	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 17.980 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW003636.D
 Acq: 28 Jun 2018 14:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.6	92.0
227	65.4	31.7	95.1

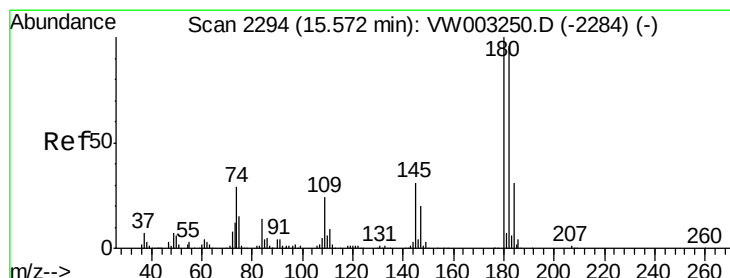
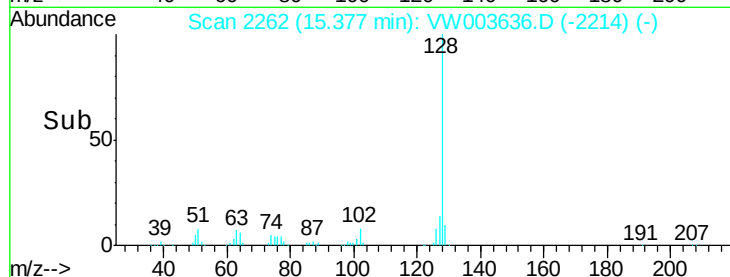
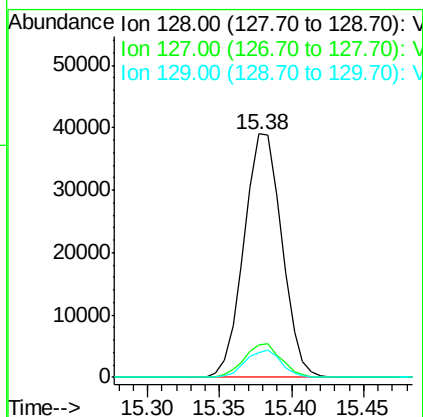
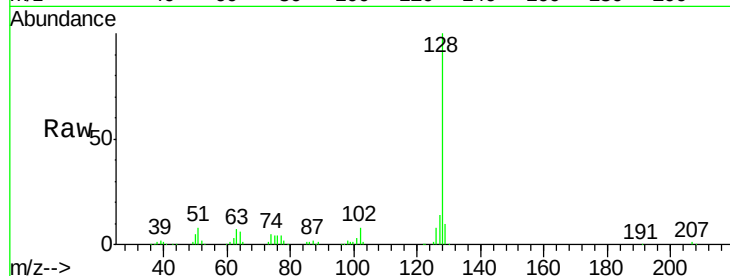




#95
Naphthalene
Concen: 35.977 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 71165
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: 21.751 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003636.D
Acq: 28 Jun 2018 14:14

Tgt Ion:180 Resp: 22326
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.6
145 30.2 15.8 47.4

