

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010652.D
 Acq On : 03 Jun 2019 11:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 07:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	183570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	289522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	82838	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
35) Dibromofluoromethane	7.88	113	91993	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.32	98	346805	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	133795	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	77486	47.366	ug/l	97
3) Chloromethane	2.21	50	79231	41.080	ug/l	98
4) Vinyl Chloride	2.35	62	90606	40.556	ug/l	99
5) Bromomethane	2.75	94	65446	42.582	ug/l	97
6) Chloroethane	2.91	64	64583	45.032	ug/l	98
7) Trichlorofluoromethane	3.25	101	171510	51.999	ug/l	97
8) Diethyl Ether	3.68	74	49039	46.903	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106410	52.387	ug/l	96
10) Methyl Iodide	4.27	142	106024	45.667	ug/l	97
11) Tert butyl alcohol	5.17	59	37826	221.942	ug/l	98
12) 1,1-Dichloroethene	4.04	96	97191	50.125	ug/l	96
13) Acrolein	3.89	56	20459	201.703	ug/l	97
14) Allyl chloride	4.67	41	133988	47.739	ug/l	99
15) Acrylonitrile	5.37	53	95743	218.654	ug/l	99
16) Acetone	4.12	43	112122	289.900	ug/l	100
17) Carbon Disulfide	4.38	76	259534	44.875	ug/l	100
18) Methyl Acetate	4.67	43	45248	47.836	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	233773	47.293	ug/l	97
20) Methylene Chloride	4.92	84	100339	43.562	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	112665	50.657	ug/l	98
22) Diisopropyl ether	6.31	45	273961	47.604	ug/l	98
23) Vinyl Acetate	6.26	43	769859	223.946	ug/l	100
24) 1,1-Dichloroethane	6.21	63	174352	50.768	ug/l	99
25) 2-Butanone	7.17	43	135106	244.098	ug/l	98
26) 2,2-Dichloropropane	7.17	77	168860	51.618	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	124232	51.379	ug/l	98
28) Bromochloromethane	7.51	49	59111	48.073	ug/l	91
29) Tetrahydrofuran	7.53	42	76709	204.811	ug/l	99
30) Chloroform	7.68	83	187718	50.675	ug/l	99
31) Cyclohexane	7.95	56	164842	45.822	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	183934	51.950	ug/l	98
36) 1,1-Dichloropropene	8.08	75	147230	54.589	ug/l	98
37) Ethyl Acetate	7.25	43	53579	46.716	ug/l	98
38) Carbon Tetrachloride	8.07	117	166751	57.314	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	198259	54.868	ug/l	97
40) Benzene	8.32	78	417967	55.757	ug/l	99
41) Methacrylonitrile	7.49	41	31723	46.551	ug/l	95
42) 1,2-Dichloroethane	8.40	62	113670	53.054	ug/l	100
43) Isopropyl Acetate	8.42	43	106068	46.292	ug/l	98
44) Trichloroethene	9.09	130	130438	58.611	ug/l	97
45) 1,2-Dichloropropane	9.37	63	96524	54.216	ug/l	96
46) Dibromomethane	9.46	93	55177	52.994	ug/l	93
47) Bromodichloromethane	9.65	83	140275	53.612	ug/l	97
48) Methyl methacrylate	9.43	41	48666	46.427	ug/l	96
49) 1,4-Dioxane	9.45	88	17309	1017.672	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	269925	232.485	ug/l	99
52) Toluene	10.39	92	281750	55.966	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	138436	52.242	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	165898	54.818	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	82612	55.176	ug/l	97
56) Ethyl methacrylate	10.65	69	100371	48.607	ug/l	99
57) 1,3-Dichloropropane	10.93	76	132648	52.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	221131	241.773	ug/l	97
59) 2-Hexanone	10.97	43	211494	255.358	ug/l	99
60) Dibromochloromethane	11.13	129	104476	55.135	ug/l	99
61) 1,2-Dibromoethane	11.24	107	80637	53.167	ug/l	99
64) Tetrachloroethene	10.86	164	109905	60.767	ug/l	98
65) Chlorobenzene	11.66	112	313638	56.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	114609	57.860	ug/l	99
67) Ethyl Benzene	11.73	91	541975	55.516	ug/l	98
68) m/p-Xylenes	11.84	106	428053	111.787	ug/l	99
69) o-Xylene	12.17	106	203943	56.214	ug/l	97
70) Styrene	12.18	104	345370	56.106	ug/l	99
71) Bromoform	12.35	173	59208	54.280	ug/l	# 99
73) Isopropylbenzene	12.47	105	559855	53.186	ug/l	99
74) N-amyl acetate	12.27	43	102076	42.317	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	88025	45.975	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	112506	83.554	ug/l	33
77) Bromobenzene	12.75	156	133063	56.487	ug/l	91
78) n-propylbenzene	12.80	91	641485	52.292	ug/l	99
79) 2-Chlorotoluene	12.90	91	364317	51.211	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	470742	52.802	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27828	43.132	ug/l	99
82) 4-Chlorotoluene	12.99	91	379836	51.440	ug/l	97
83) tert-Butylbenzene	13.21	119	430678	55.304	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	463028	52.147	ug/l	98
85) sec-Butylbenzene	13.38	105	579886	53.210	ug/l	99
86) p-Isopropyltoluene	13.50	119	531076	53.838	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	252990	54.741	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	255070	55.008	ug/l	98
89) n-Butylbenzene	13.83	91	490817	52.311	ug/l	99
90) Hexachloroethane	14.10	117	103019	53.956	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	230559	54.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15453	43.406	ug/l	93

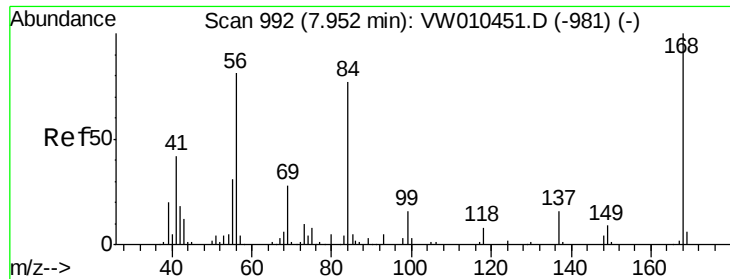
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	164358	57.365	ug/l	99
94) Hexachlorobutadiene	15.24	225	95612	62.466	ug/l	97
95) Naphthalene	15.37	128	295779	49.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	141238	57.289	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

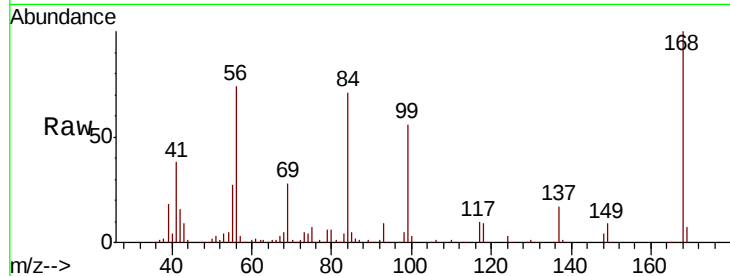
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 183570

Ion Ratio Lower Upper

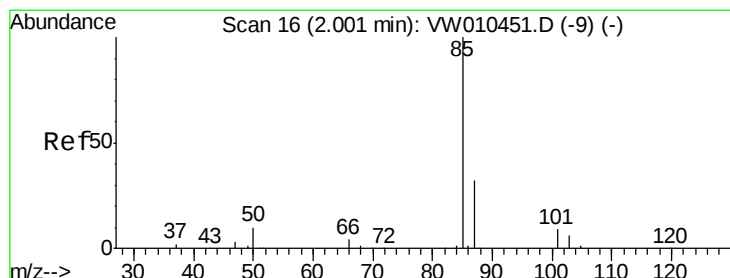
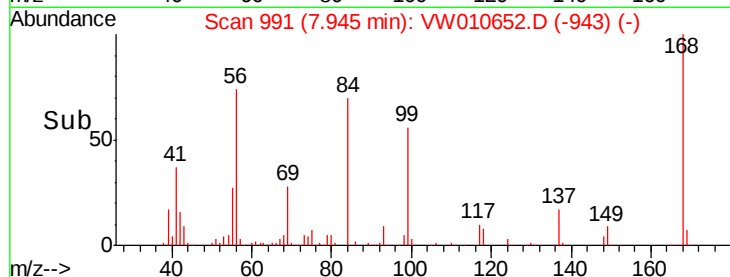
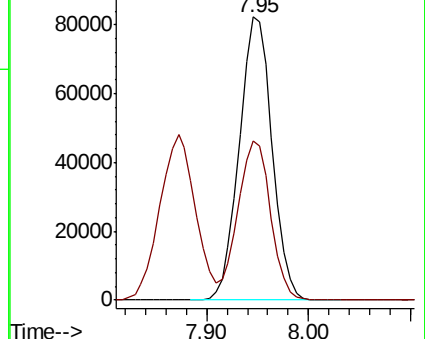
168 100

99 56.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.366 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW010652.D

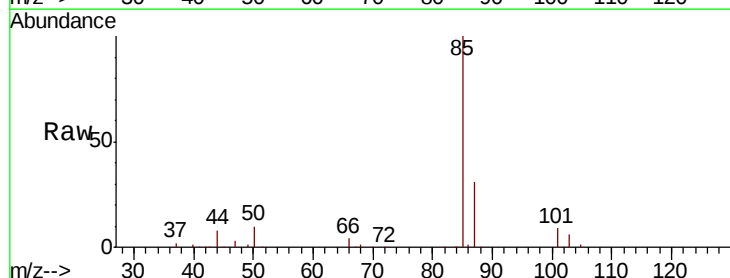
Acq: 03 Jun 2019 11:36

Tgt Ion: 85 Resp: 77486

Ion Ratio Lower Upper

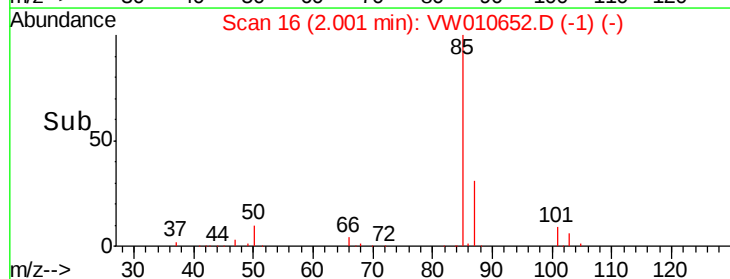
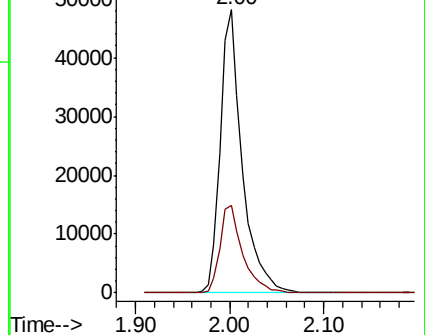
85 100

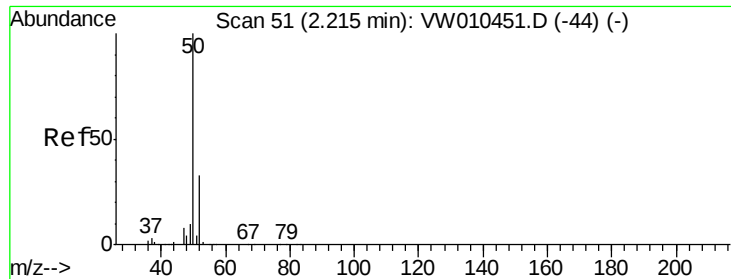
87 31.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 41.080 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

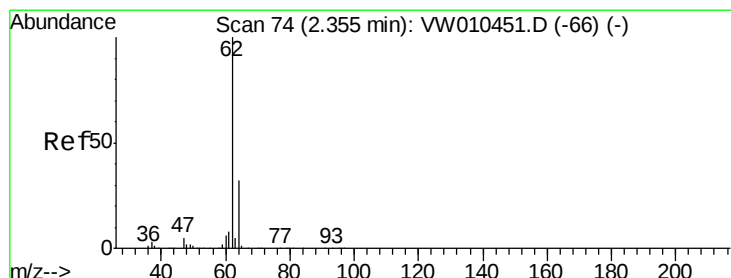
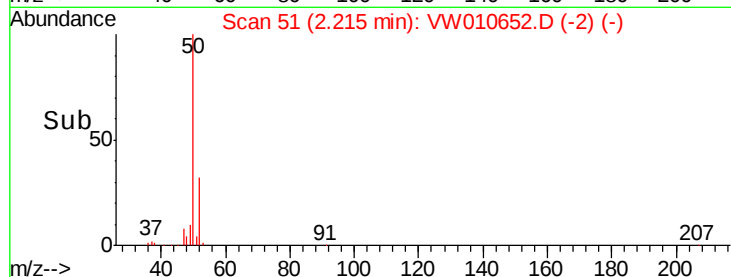
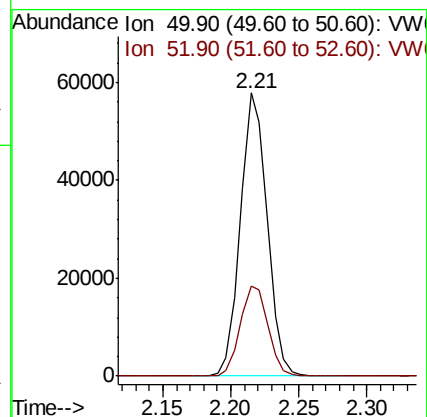
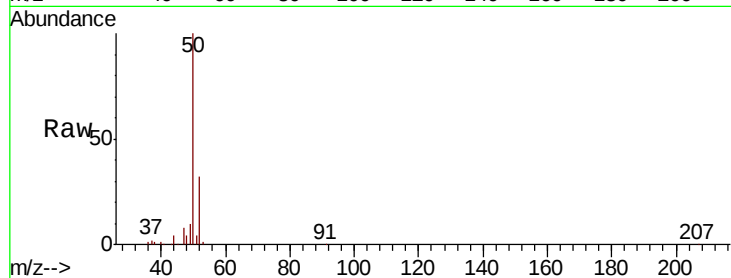
ClientSampleId :

Tot Ion: 50 Resp: 79231

Ion Ratio Lower Upper

50 100

52 31.9 26.3 39.5



#4

Vinyl Chloride

Concen: 40.556 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010652.D

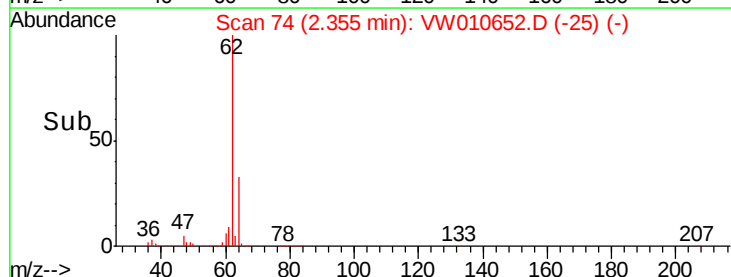
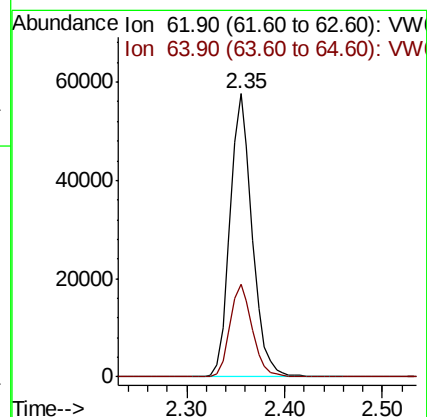
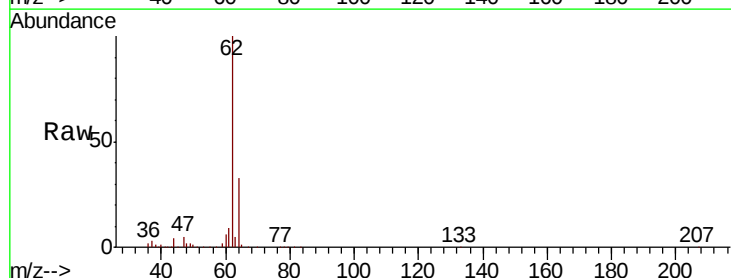
Acq: 03 Jun 2019 11:36

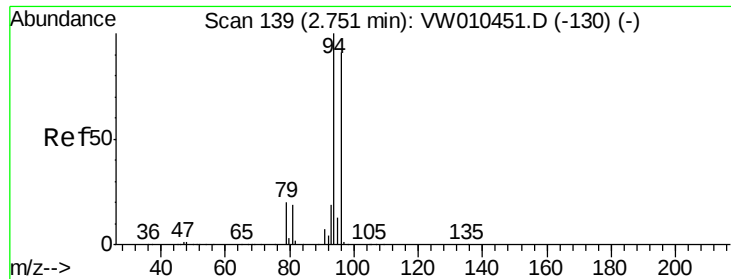
Tgt Ion: 62 Resp: 90606

Ion Ratio Lower Upper

62 100

64 32.8 25.8 38.8





#5

Bromomethane

Concen: 42.582 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

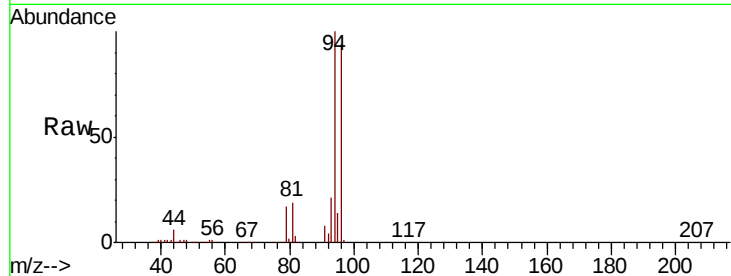
ClientSampleId :

Tot Ion: 94 Resp: 65446

Ion Ratio Lower Upper

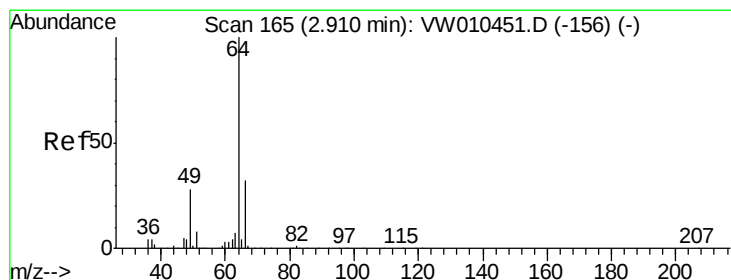
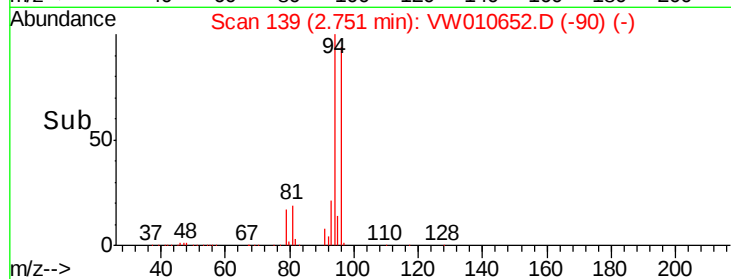
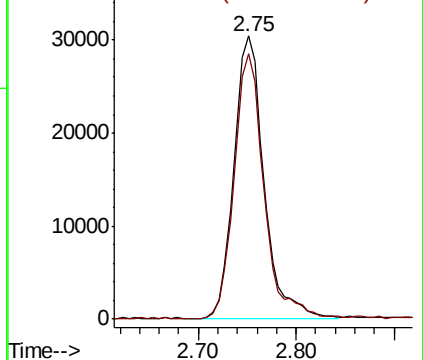
94 100

96 93.6 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 45.032 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010652.D

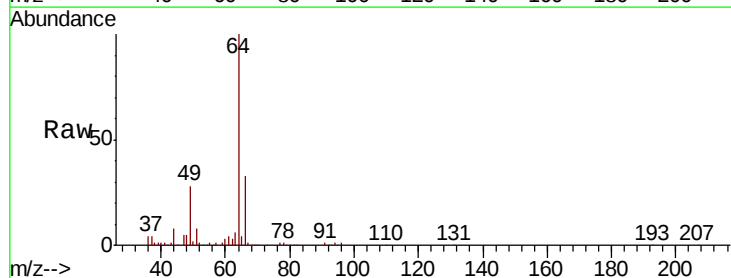
Acq: 03 Jun 2019 11:36

Tgt Ion: 64 Resp: 64583

Ion Ratio Lower Upper

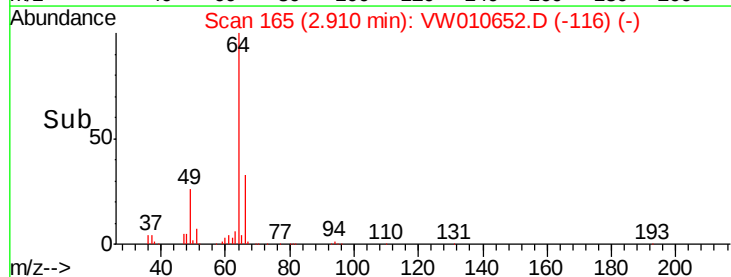
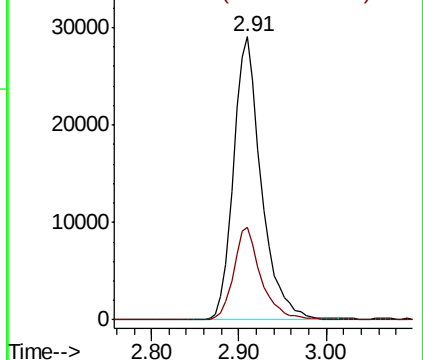
64 100

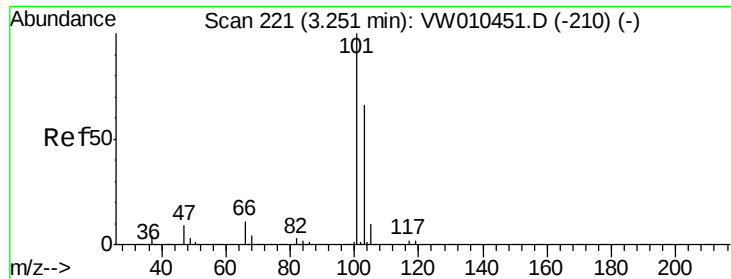
66 32.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



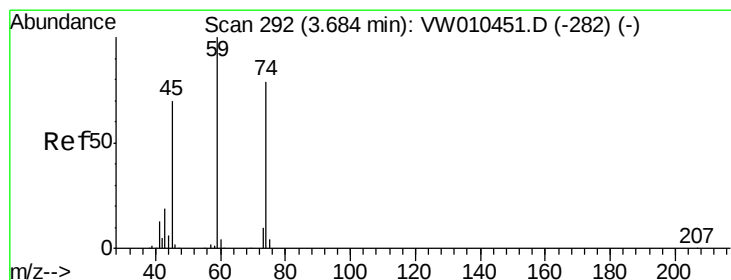
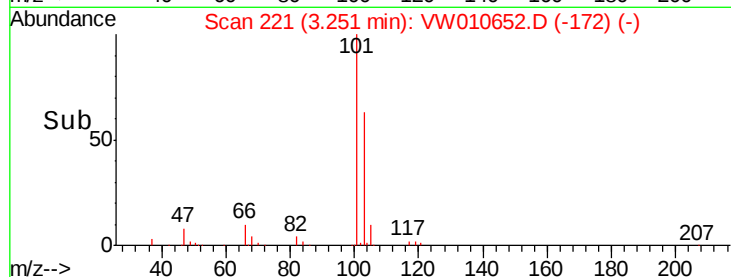
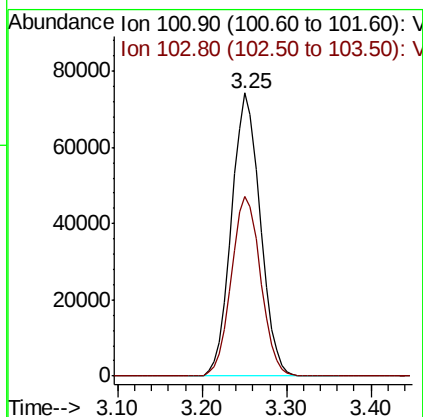
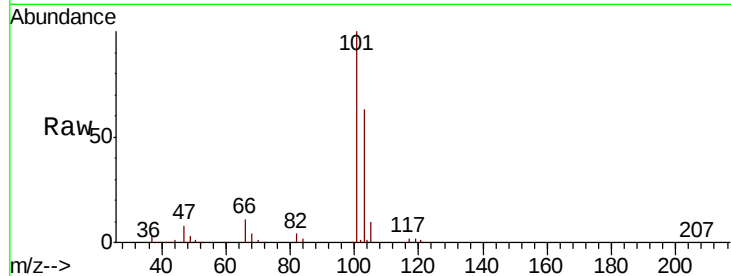


#7

Trichlorofluoromethane
Concen: 51.999 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :

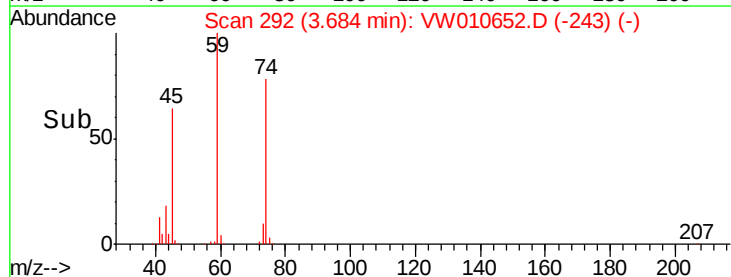
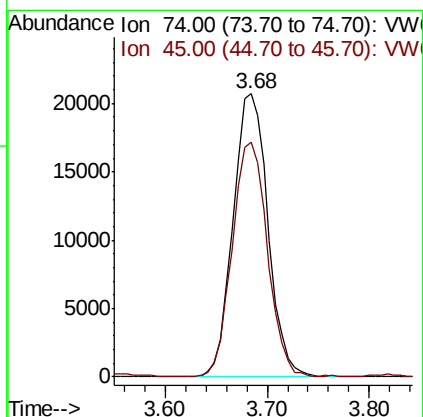
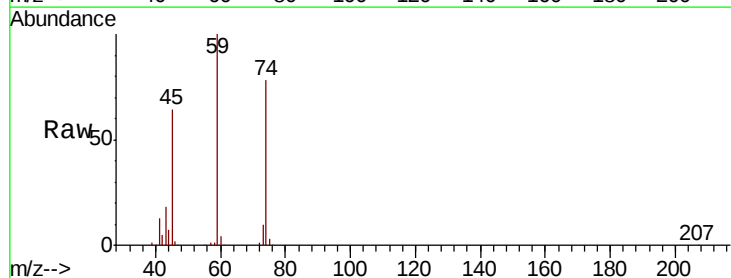
Tot Ion:101 Resp: 171510
Ion Ratio Lower Upper
101 100
103 63.5 53.0 79.4

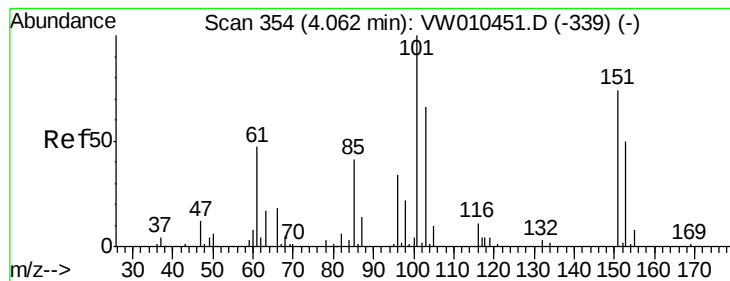


#8

Diethyl Ether
Concen: 46.903 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 74 Resp: 49039
Ion Ratio Lower Upper
74 100
45 83.7 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.387 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

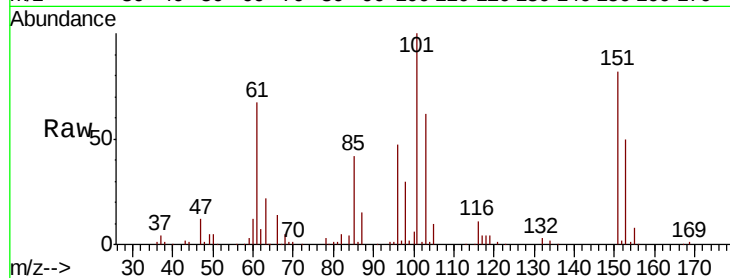
Tot Ion:101 Resp: 106410

Ion Ratio Lower Upper

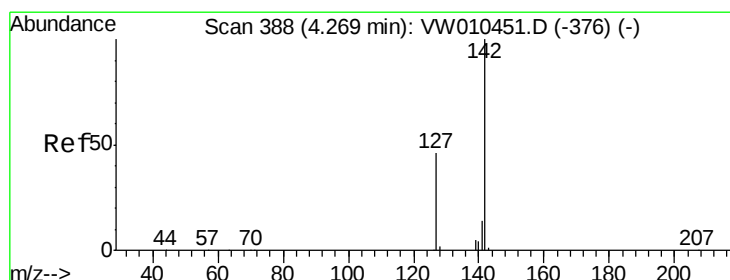
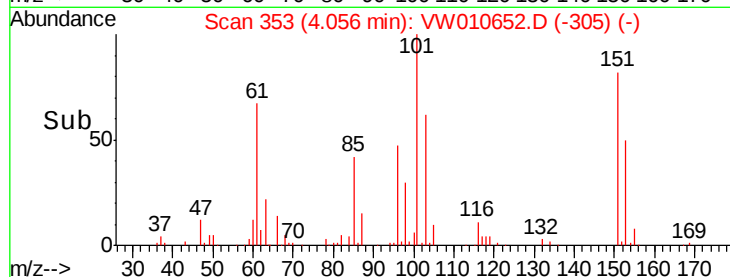
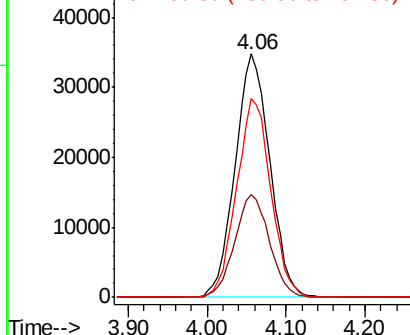
101 100

85 42.2 34.3 51.5

151 80.3 60.3 90.5



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: 45.667 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

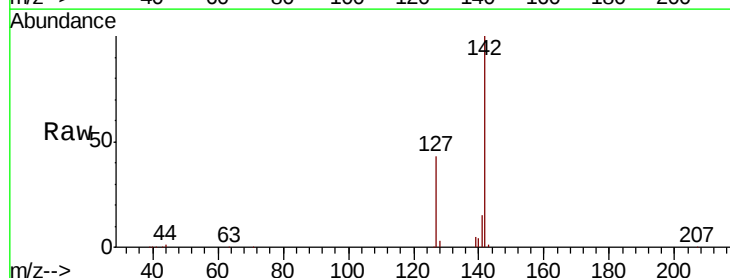
Tgt Ion:142 Resp: 106024

Ion Ratio Lower Upper

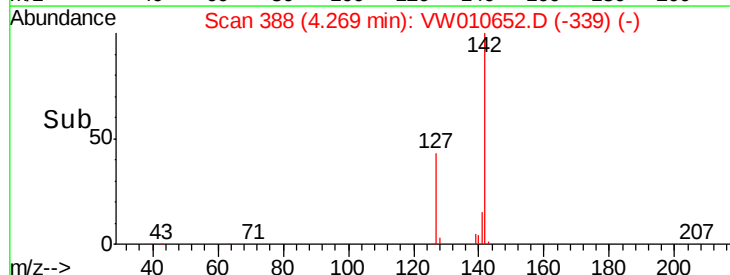
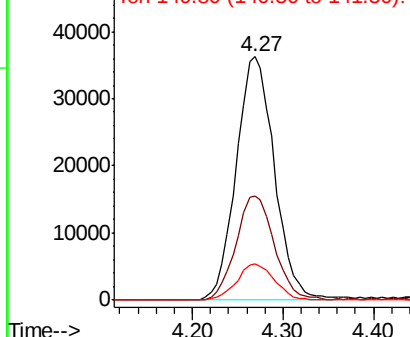
142 100

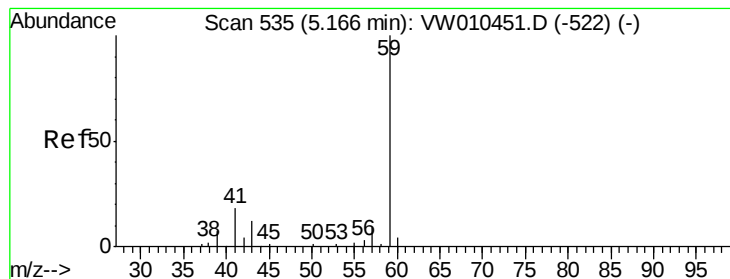
127 43.1 36.1 54.1

141 14.8 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



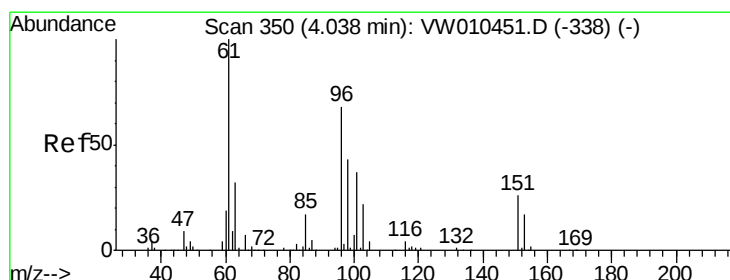
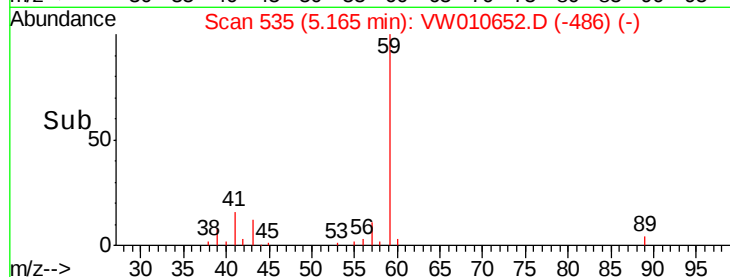
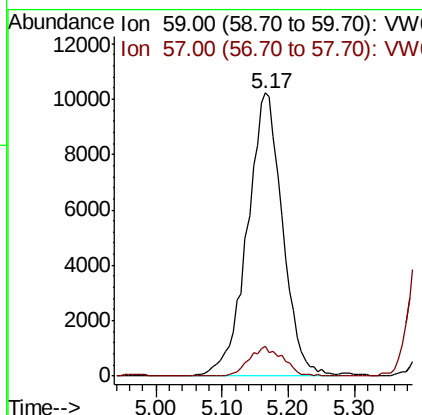
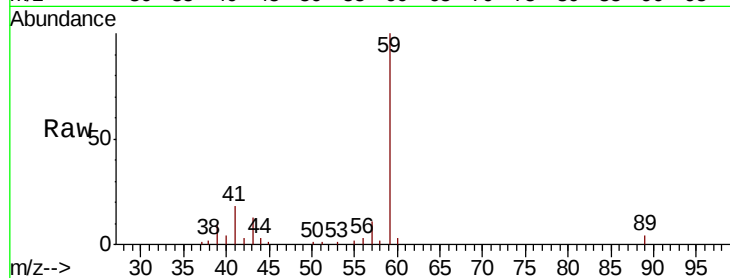


#11

Tert butyl alcohol
Concen: 221.942 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampled :

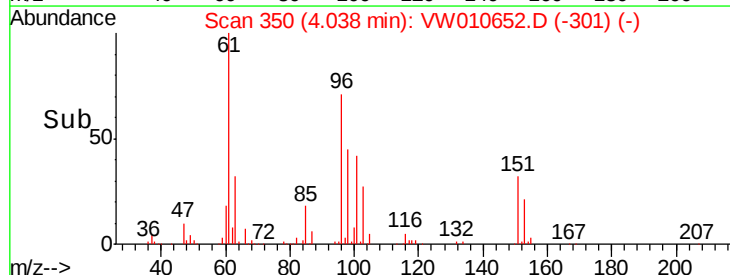
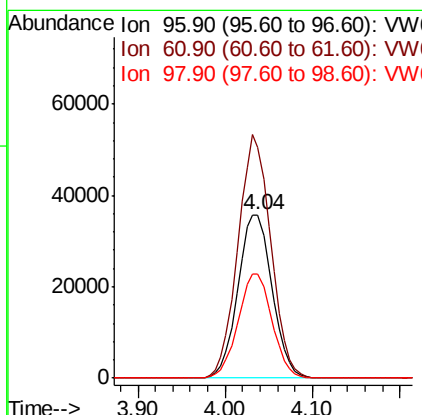
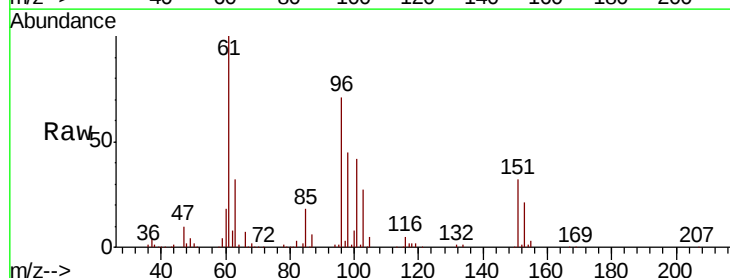
Tot Ion: 59 Resp: 37826
Ion Ratio Lower Upper
59 100
57 10.1 8.8 13.2

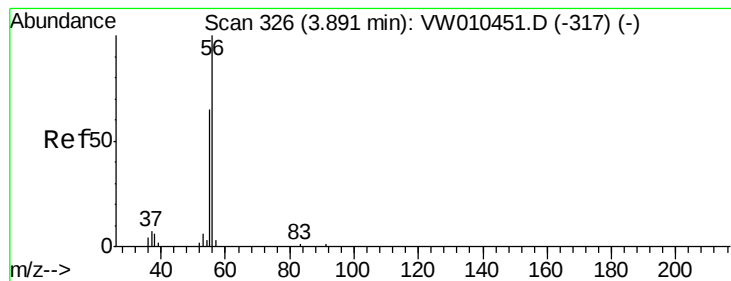


#12

1,1-Dichloroethene
Concen: 50.125 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 96 Resp: 97191
Ion Ratio Lower Upper
96 100
61 141.3 118.3 177.5
98 63.6 51.0 76.6





#13

Acrolein

Concen: 201.703 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

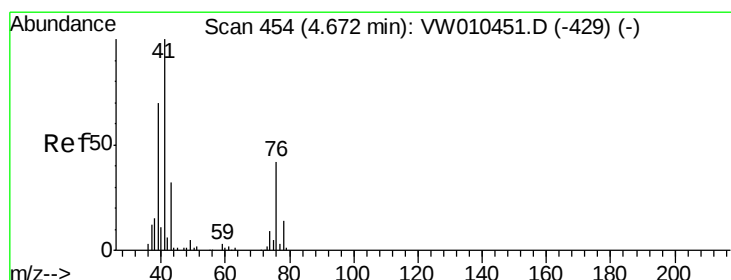
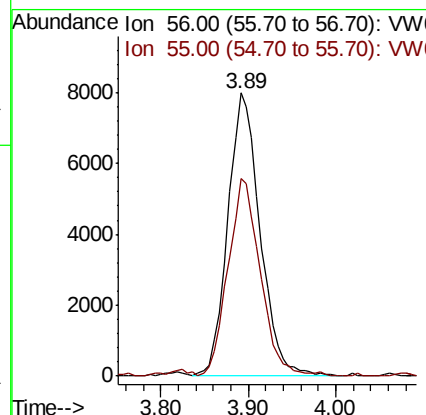
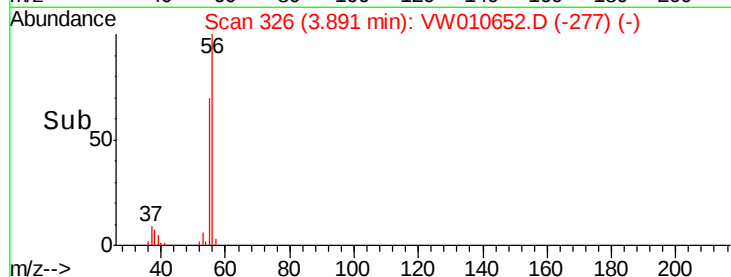
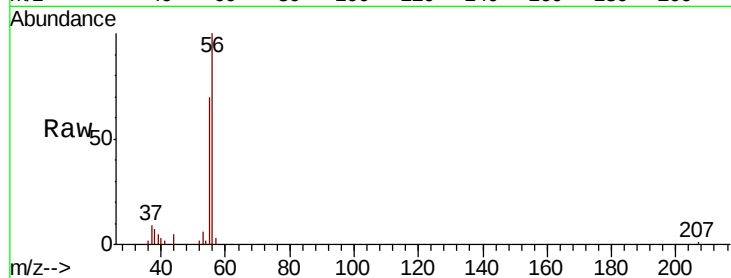
ClientSampleId :

Tot Ion: 56 Resp: 20459

Ion Ratio Lower Upper

56 100

55 69.6 57.9 86.9



#14

Allyl chloride

Concen: 47.739 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

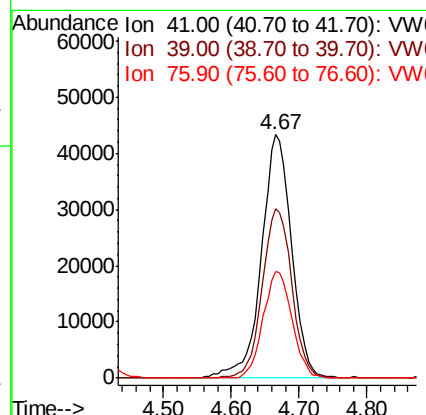
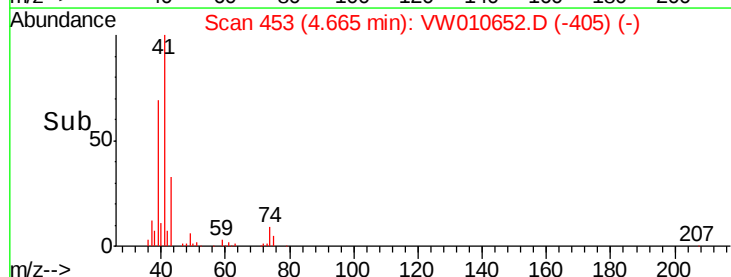
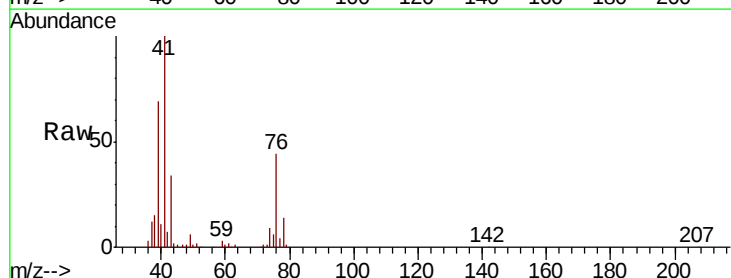
Tgt Ion: 41 Resp: 133988

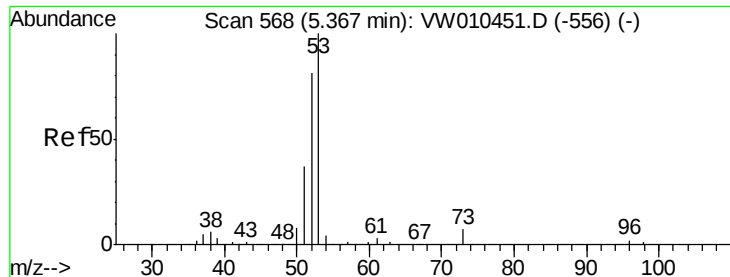
Ion Ratio Lower Upper

41 100

39 68.5 55.0 82.4

76 42.1 32.8 49.2





#15

Acrylonitrile

Concen: 218.654 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

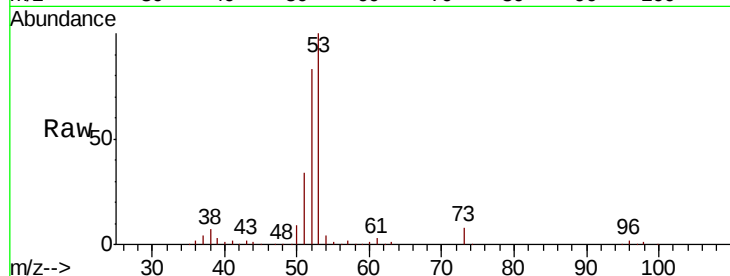
Tot Ion: 53 Resp: 95743

Ion Ratio Lower Upper

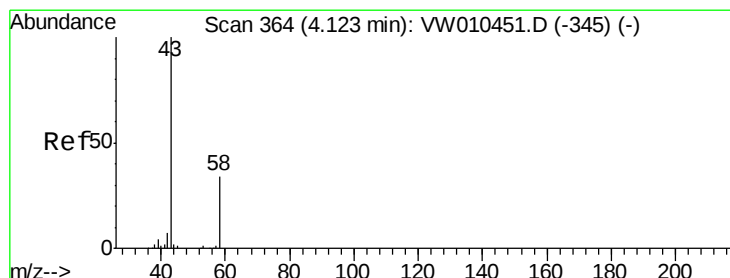
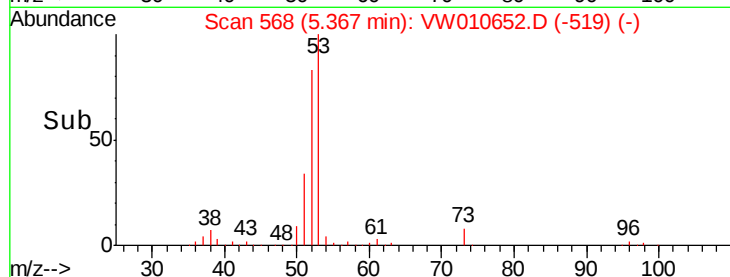
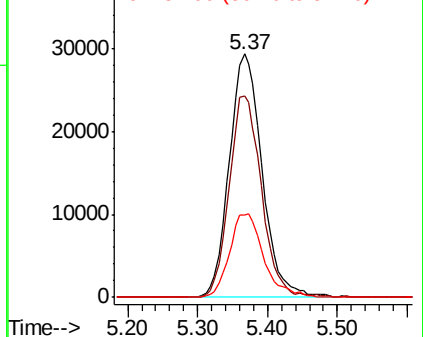
53 100

52 81.1 65.6 98.4

51 35.8 29.5 44.3



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



#16

Acetone

Concen: 289.900 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010652.D

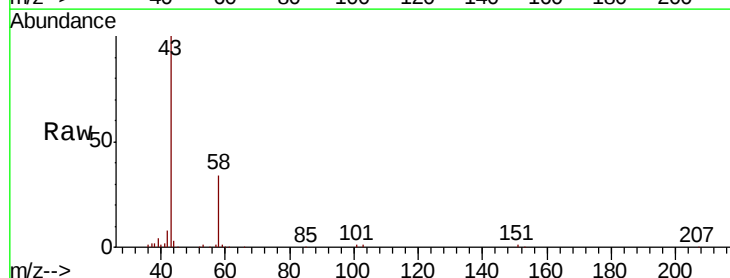
Acq: 03 Jun 2019 11:36

Tgt Ion: 43 Resp: 112122

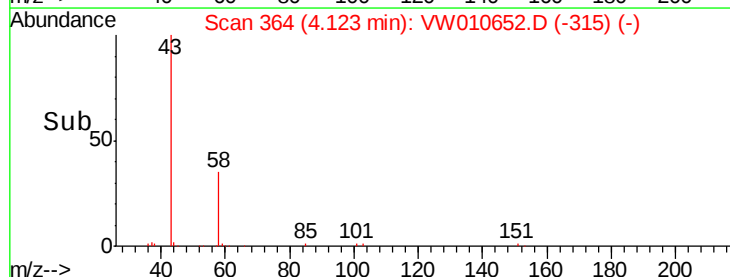
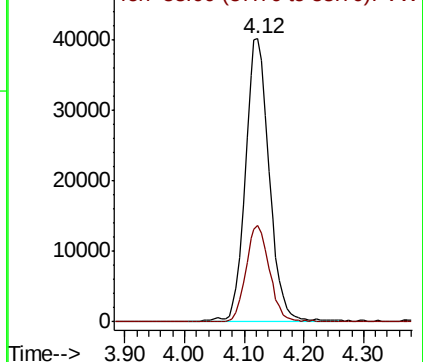
Ion Ratio Lower Upper

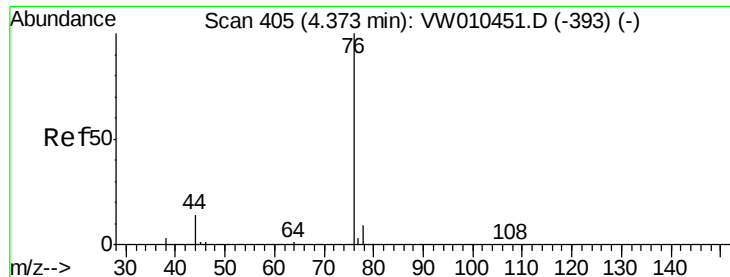
43 100

58 33.9 27.0 40.4



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

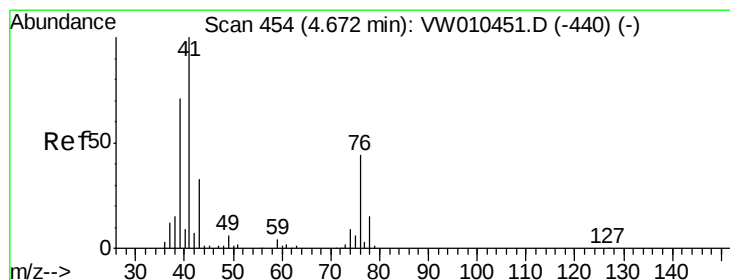
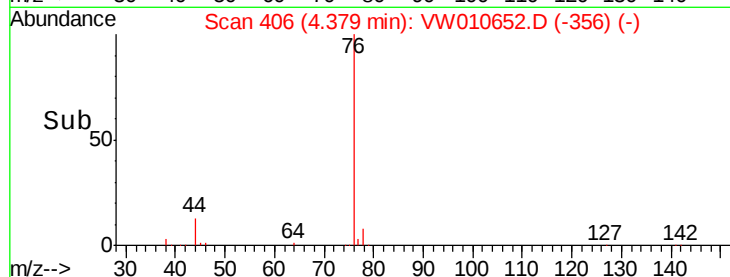
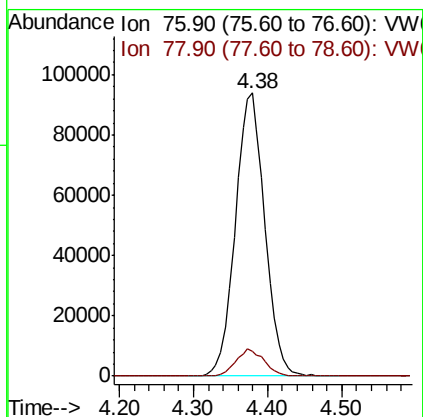
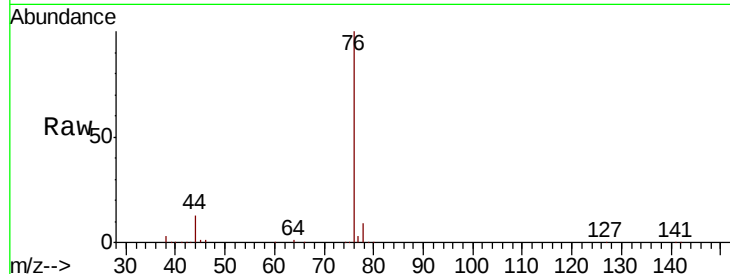




#17
Carbon Disulfide
Concen: 44.875 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

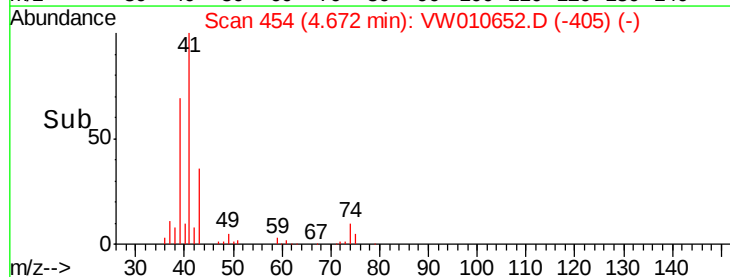
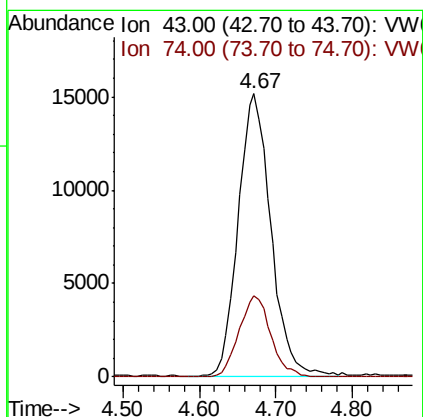
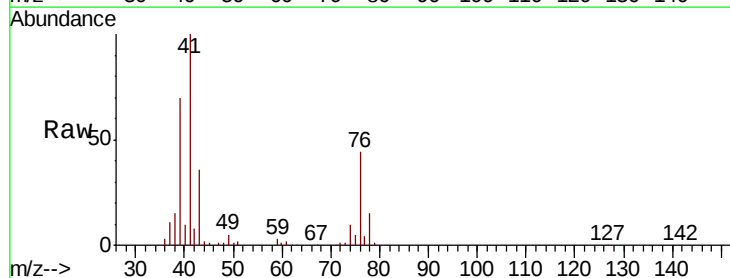
Instrument :
MSVOA_W
ClientSampled :

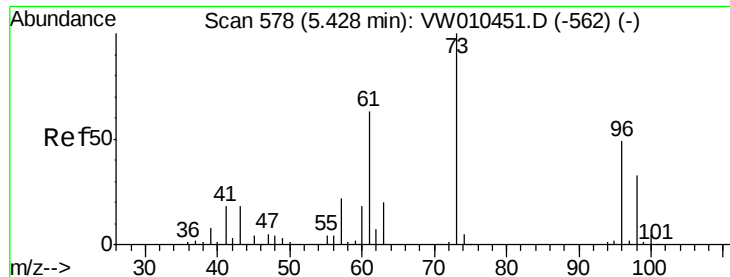
Tot Ion: 76 Resp: 259534
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 47.836 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 43 Resp: 45248
Ion Ratio Lower Upper
43 100
74 27.7 21.6 32.4

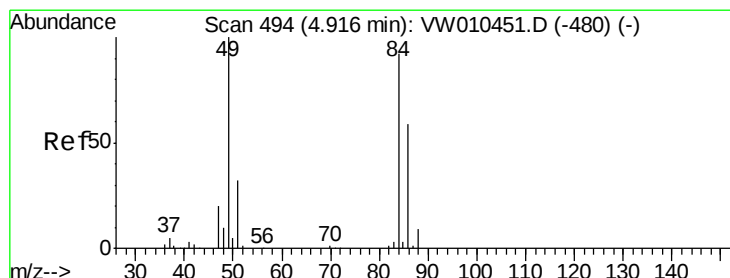
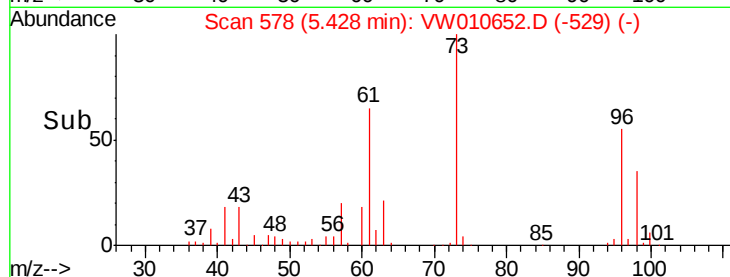
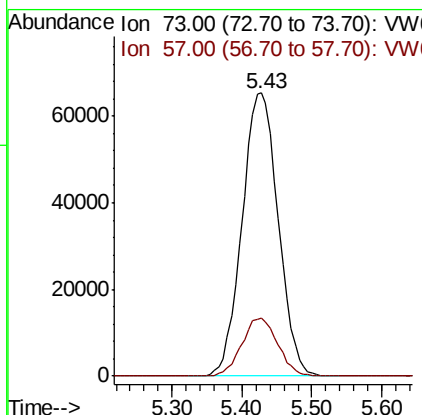
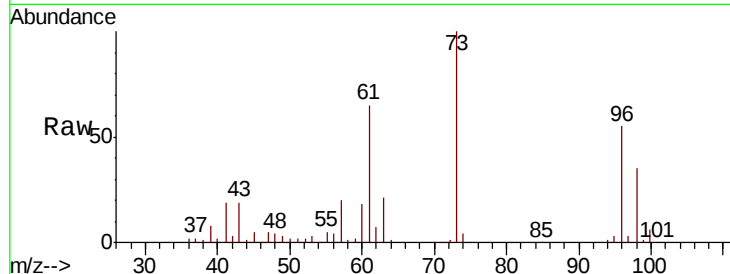




#19
Methvl tert-butvl Ether
Concen: 47.293 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

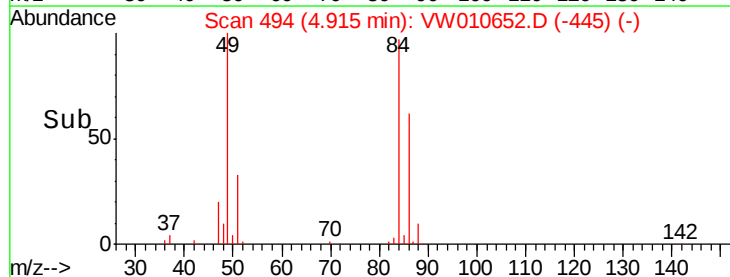
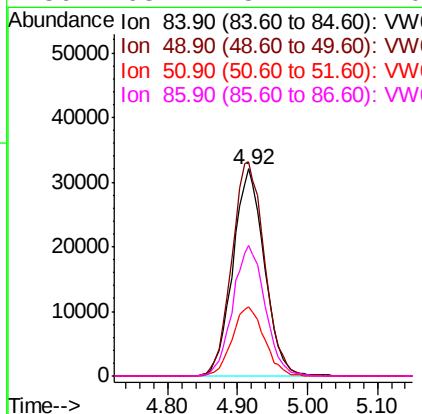
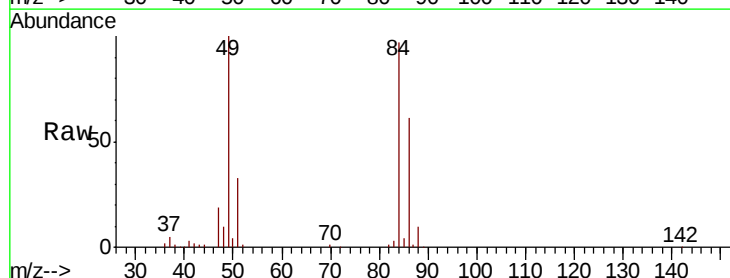
Instrument :
MSVOA_W
ClientSampled :

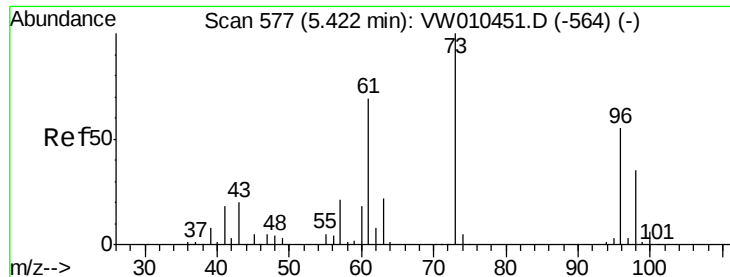
Tot Ion: 73 Resp: 233773
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.0



#20
Methylene Chloride
Concen: 43.562 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 84 Resp: 100339
Ion Ratio Lower Upper
84 100
49 103.2 87.2 130.8
51 33.5 27.7 41.5
86 63.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 50.657 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

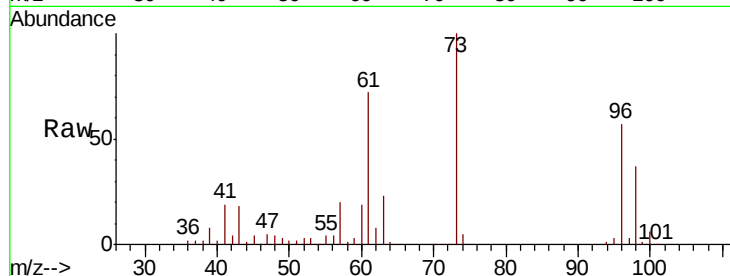
Tot Ion: 96 Resp: 112665

Ion Ratio Lower Upper

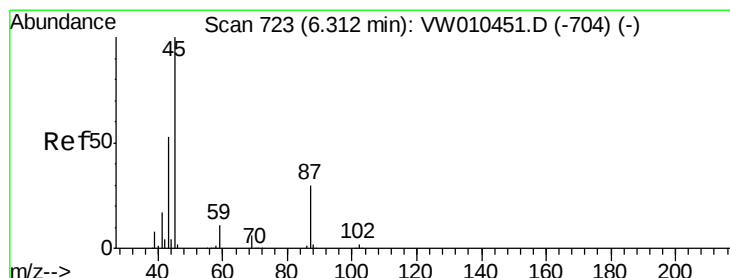
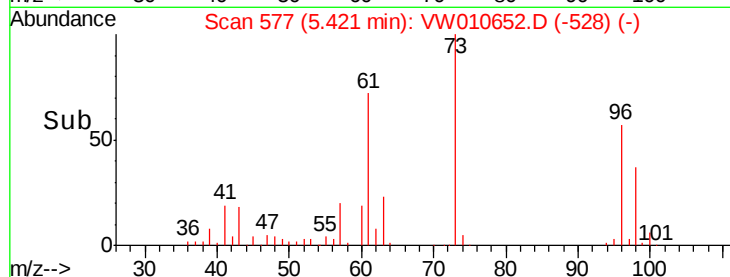
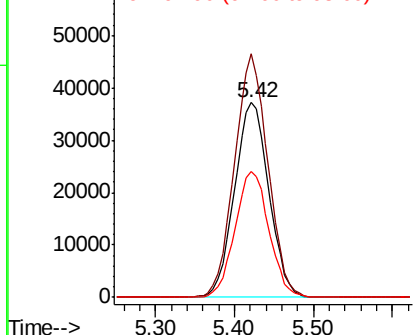
96 100

61 125.0 101.4 152.0

98 65.0 50.6 76.0



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



#22

Diisopropyl ether

Concen: 47.604 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion: 45 Resp: 273961

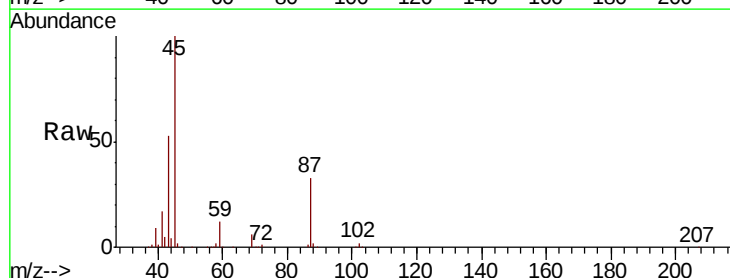
Ion Ratio Lower Upper

45 100

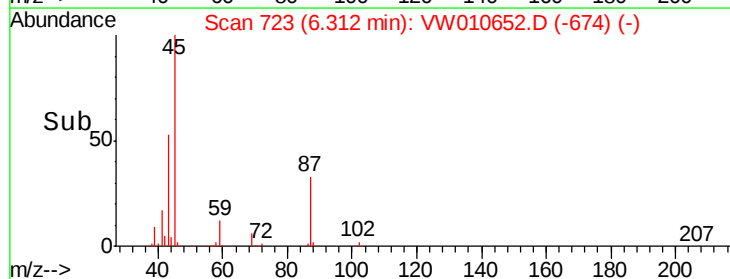
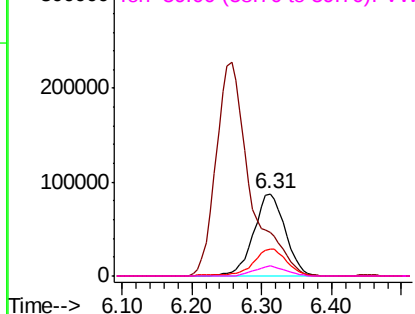
43 52.3 42.9 64.3

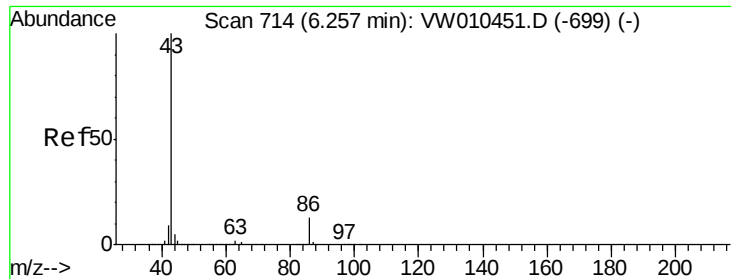
87 32.8 24.6 36.8

59 11.8 9.4 14.0



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





#23

Vinyl Acetate

Concen: 223.946 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

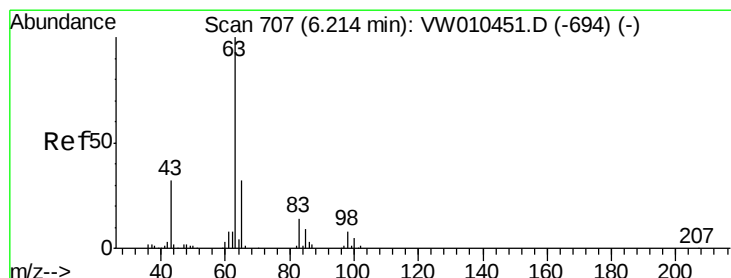
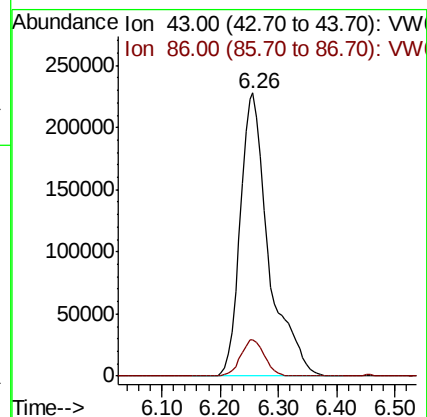
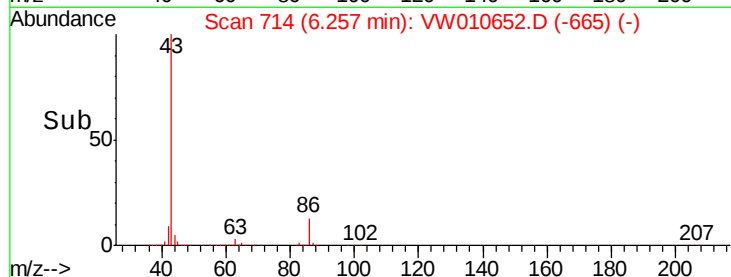
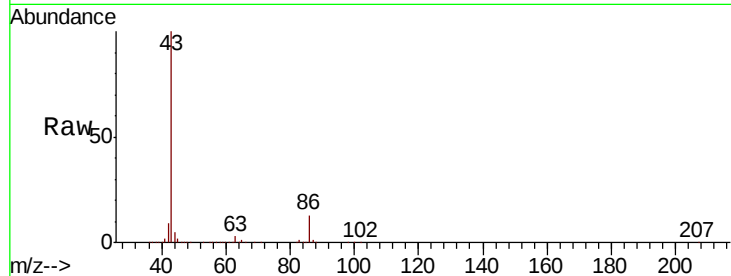
ClientSampled :

Tot Ion: 43 Resp: 769859

Ion Ratio Lower Upper

43 100

86 13.0 10.3 15.5



#24

1,1-Dichloroethane

Concen: 50.768 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

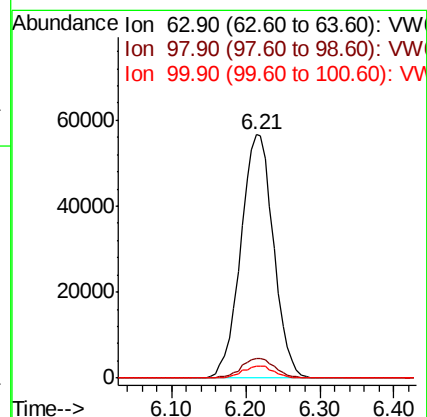
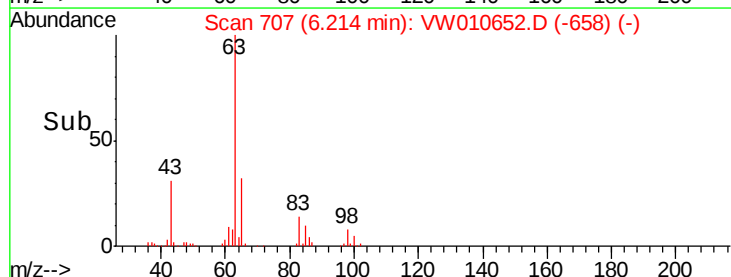
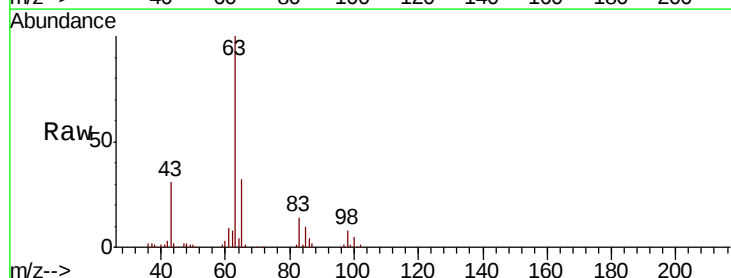
Tgt Ion: 63 Resp: 174352

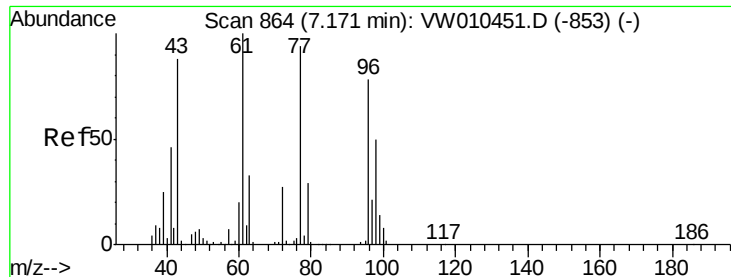
Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.2

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 244.098 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

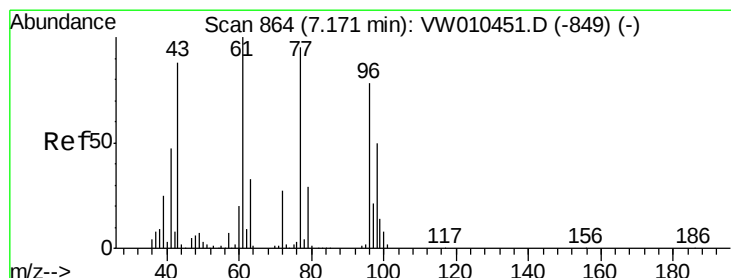
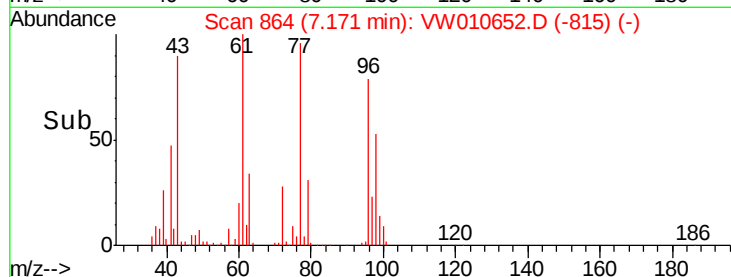
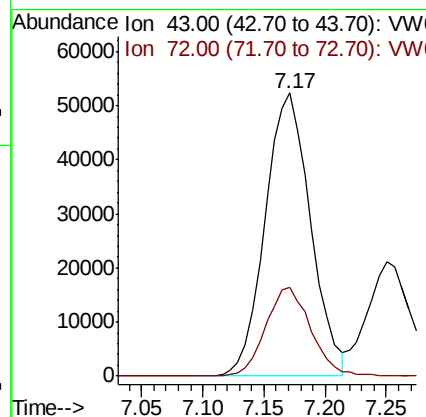
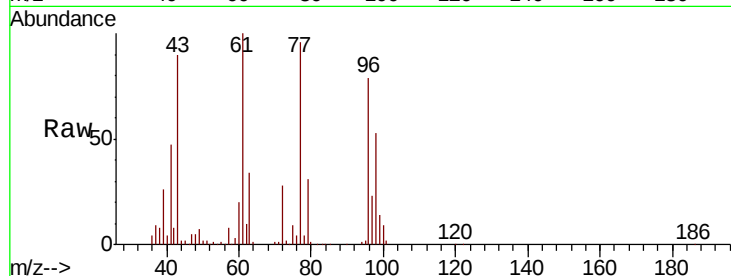
ClientSampleId :

Tot Ion: 43 Resp: 135106

Ion Ratio Lower Upper

43 100

72 31.4 24.1 36.1



#26

2,2-Dichloropropane

Concen: 51.618 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010652.D

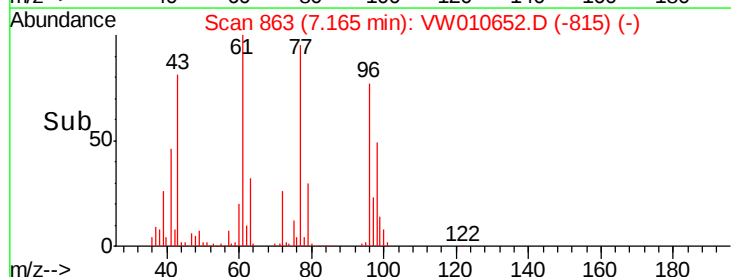
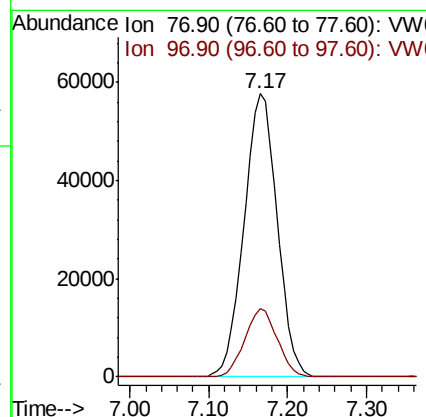
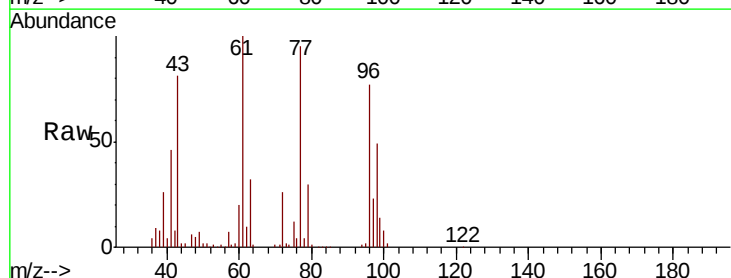
Acq: 03 Jun 2019 11:36

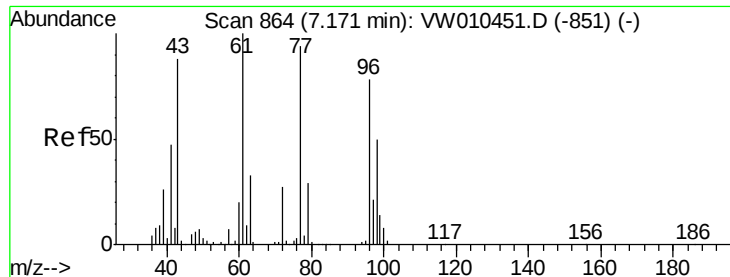
Tgt Ion: 77 Resp: 168860

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0



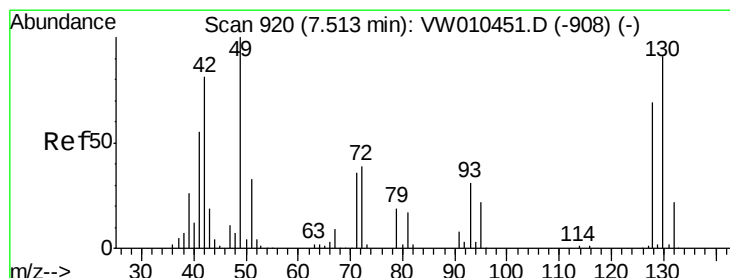
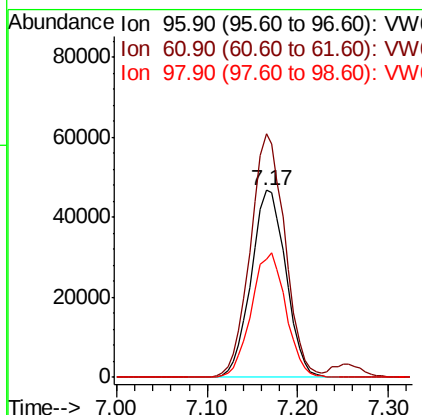
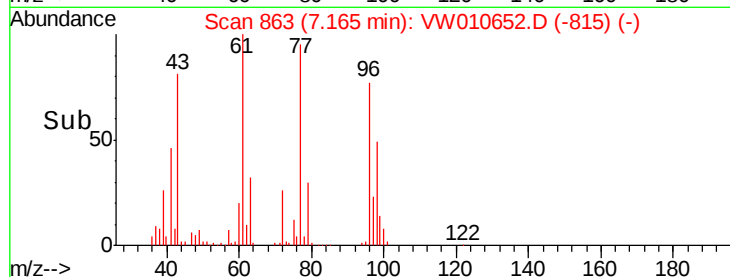
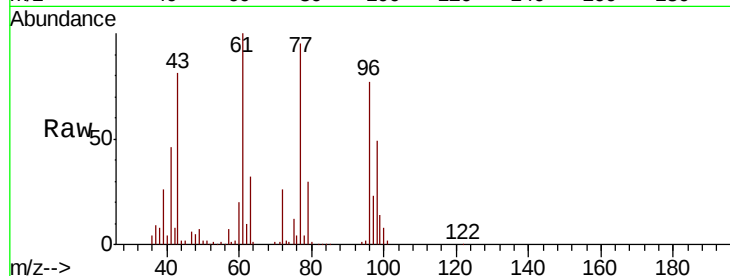


#27

cis-1,2-Dichloroethene
Concen: 51.379 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :

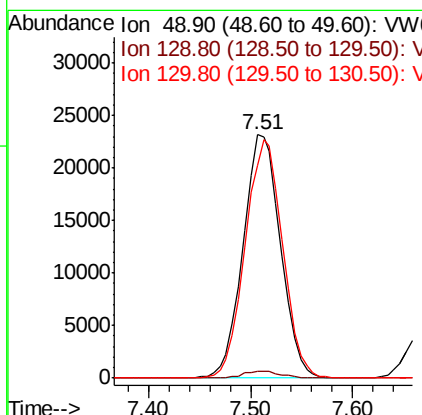
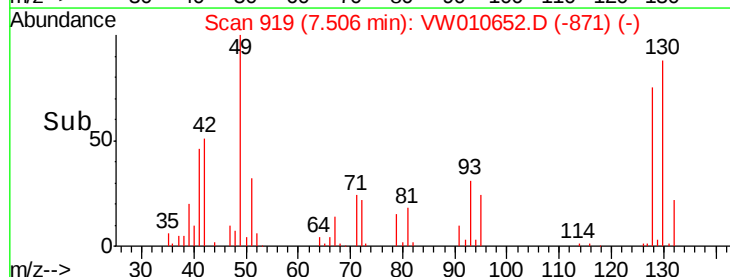
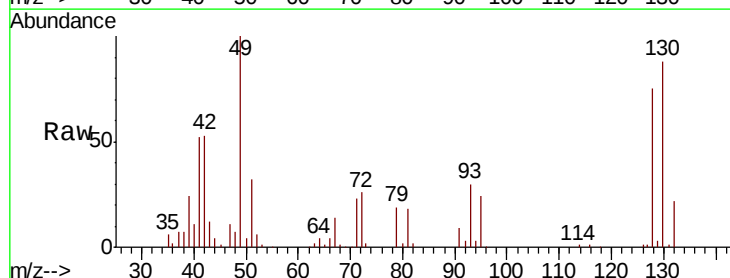
Tot Ion	96	Resp	124232
Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	265.4
98	66.0	0.0	129.4

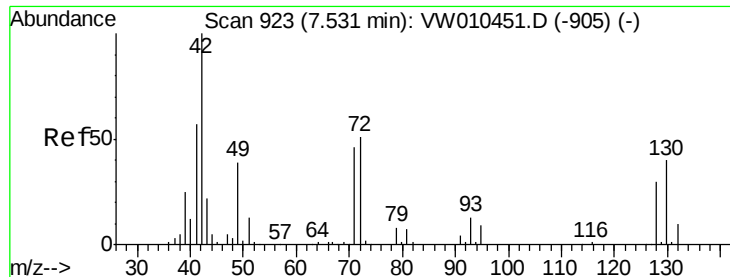


#28

Bromochloromethane
Concen: 48.073 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	49	Resp	59111
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	97.9	71.2	106.8

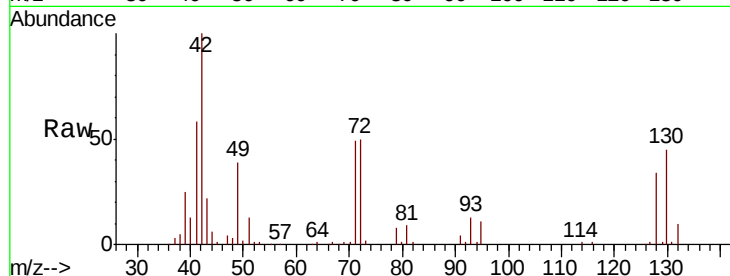




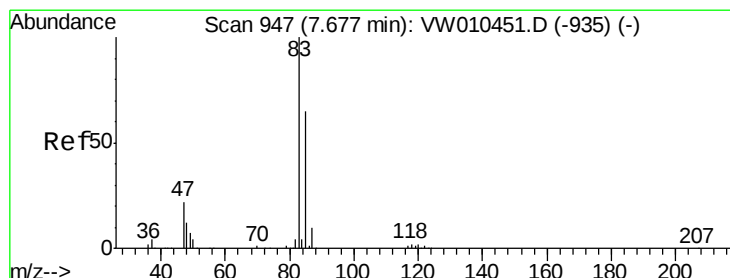
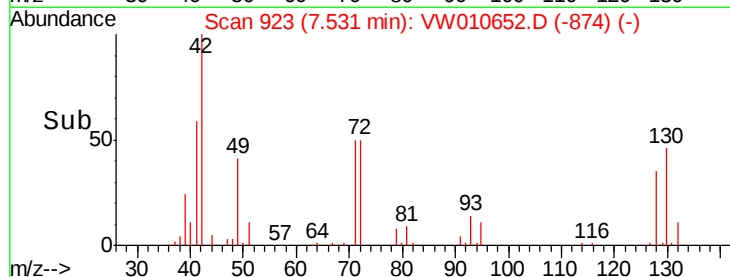
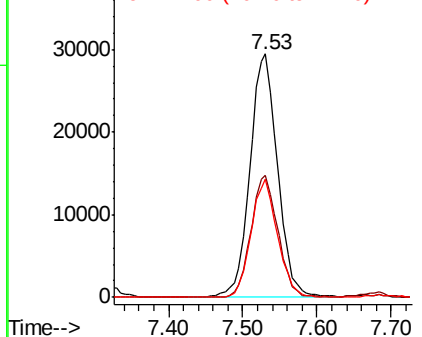
#29
Tetrahydrofuran
Concen: 204.811 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 76709
Ion Ratio Lower Upper
42 100
72 49.1 38.5 57.7
71 46.3 36.5 54.7

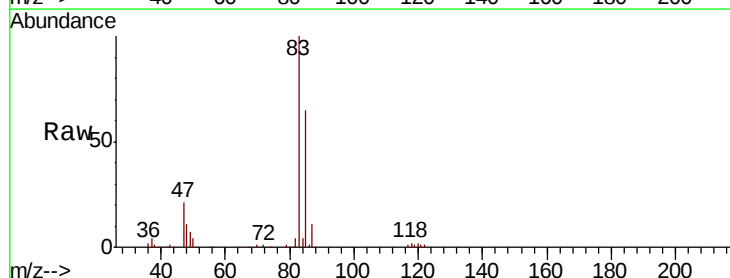


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

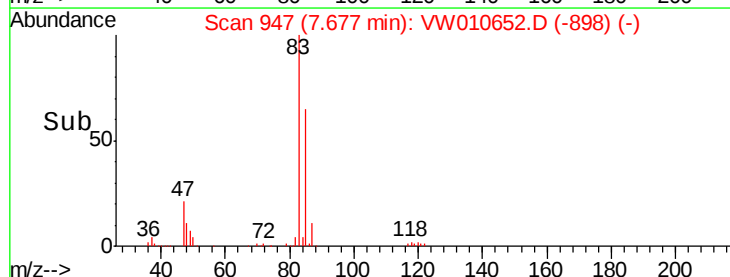
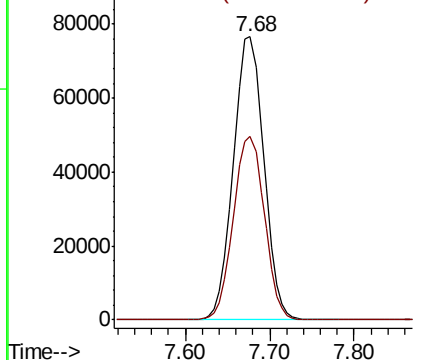


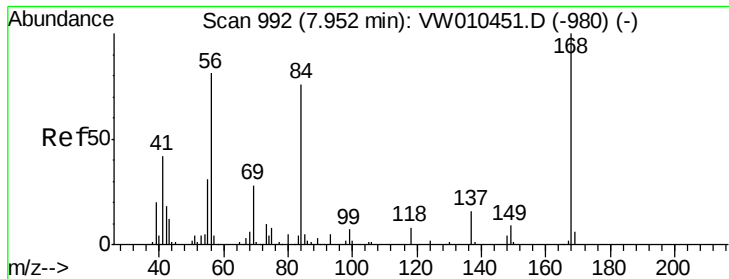
#30
Chloroform
Concen: 50.675 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 83 Resp: 187718
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4



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





#31

Cyclohexane

Concen: 45.822 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

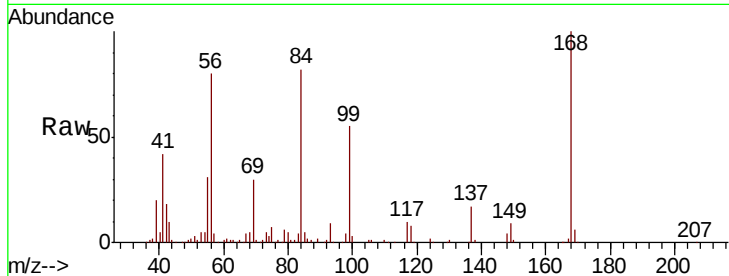
Tot Ion: 56 Resp: 164842

Ion Ratio Lower Upper

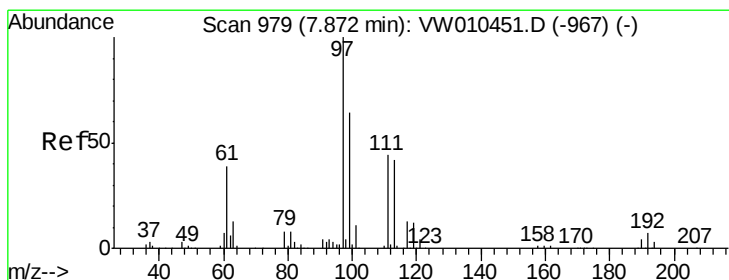
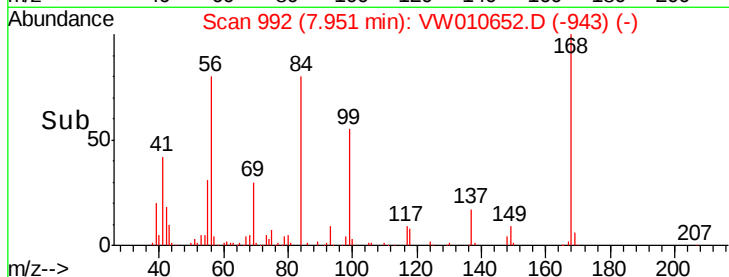
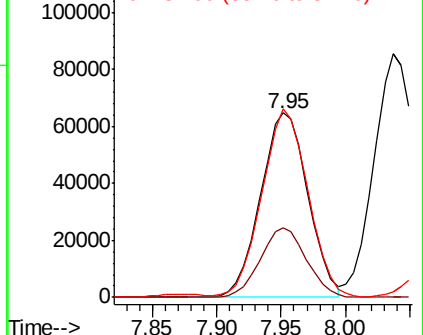
56 100

69 37.9 28.2 42.2

84 100.9 75.8 113.8



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: 51.950 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

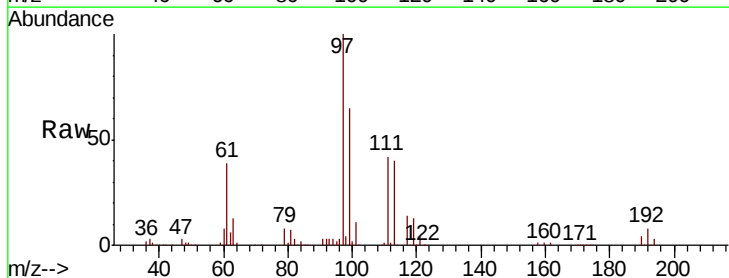
Tgt Ion: 97 Resp: 183934

Ion Ratio Lower Upper

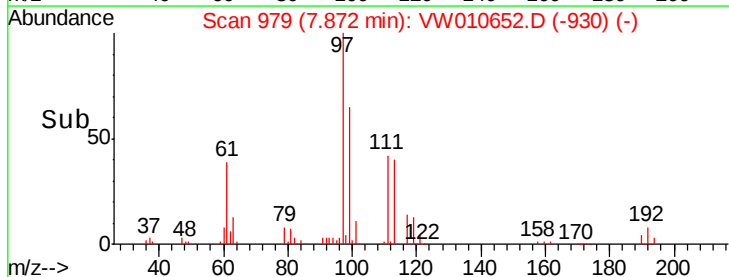
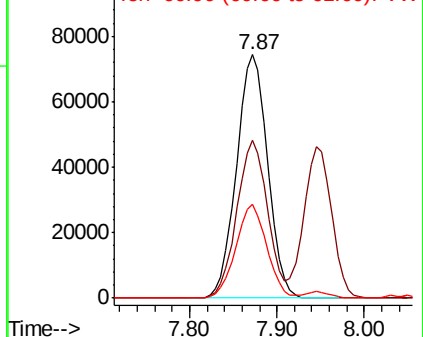
97 100

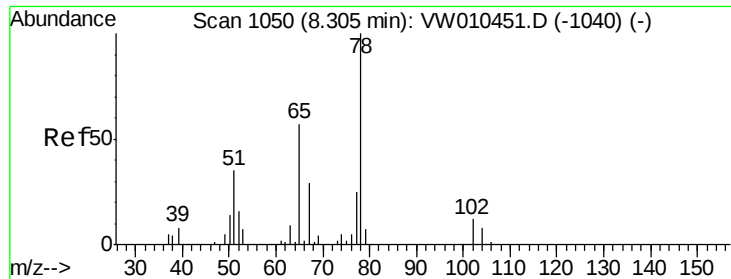
99 64.0 50.8 76.2

61 38.2 32.1 48.1



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

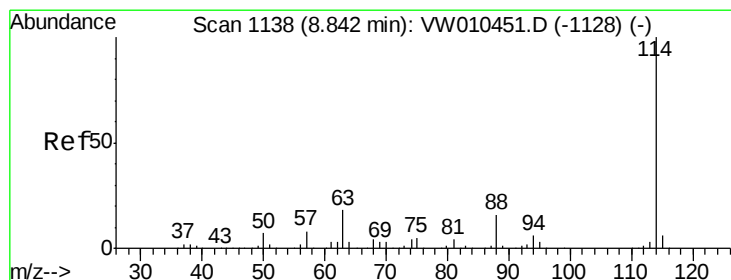
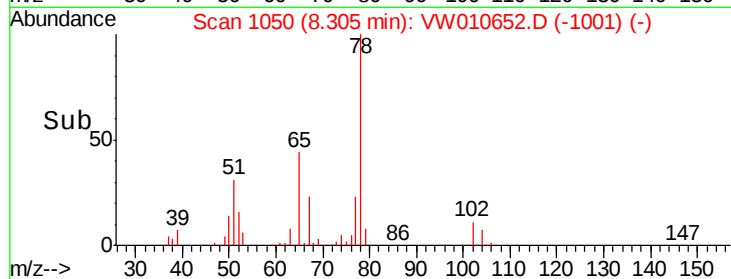
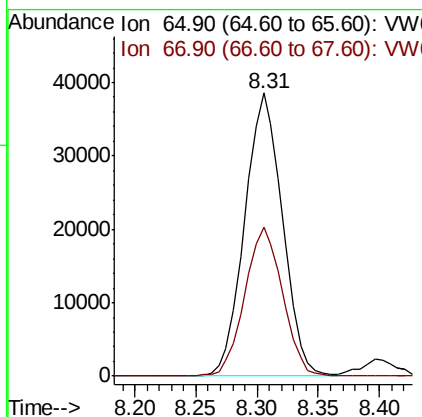
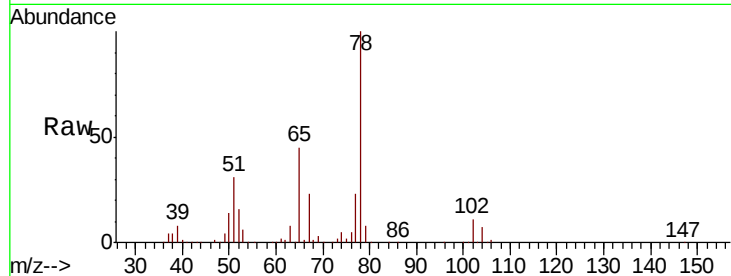




#33
 1,2-Dichloroethane-d4
 Concen: 43.720 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

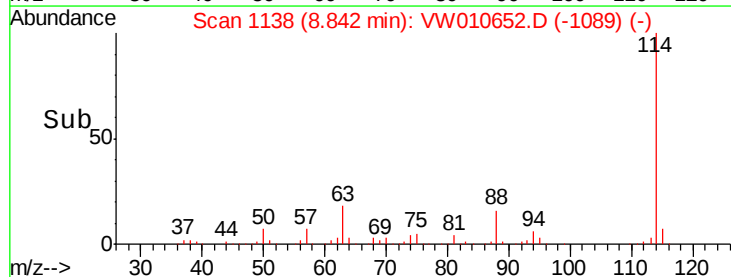
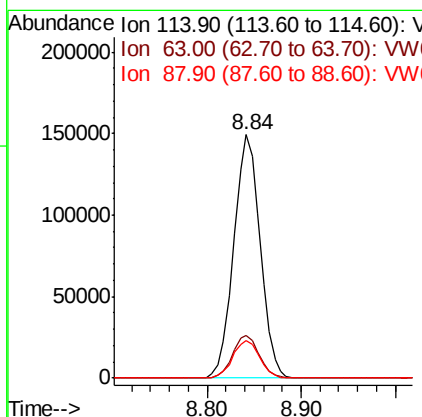
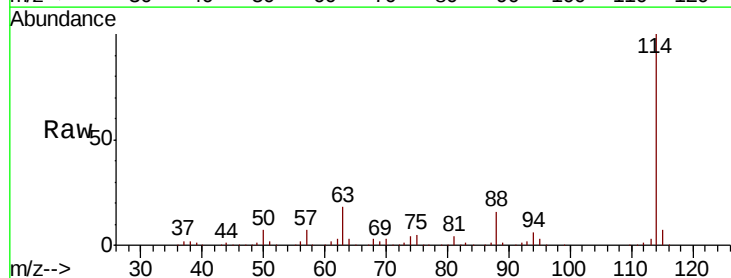
Instrument :
 MSVOA_W
 ClientSampled :

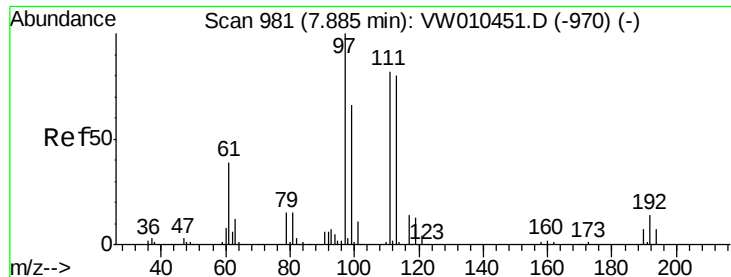
Tot Ion: 65 Resp: 82838
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion: 114 Resp: 289522
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.0
 88 15.6 0.0 32.0

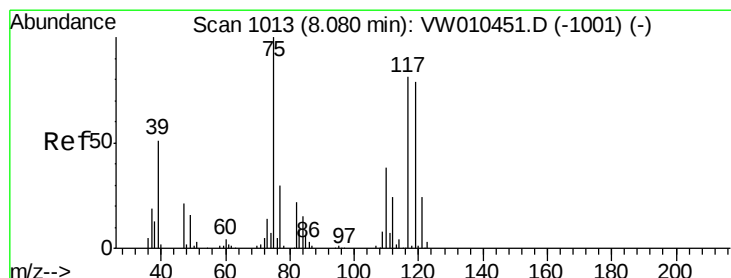
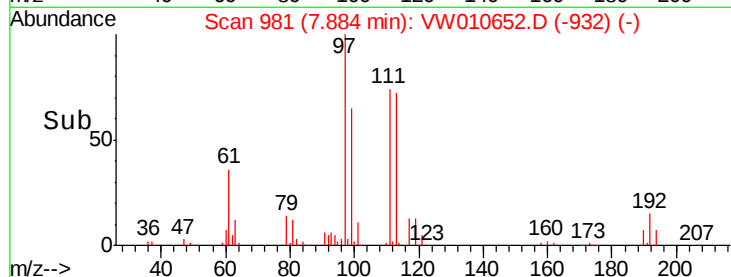
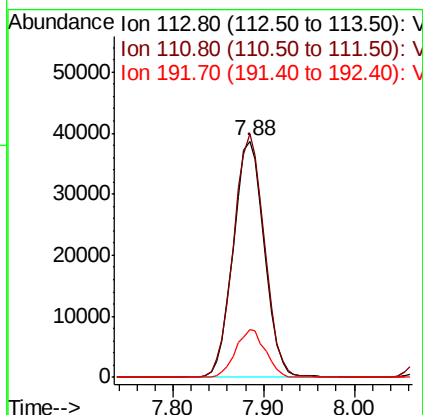
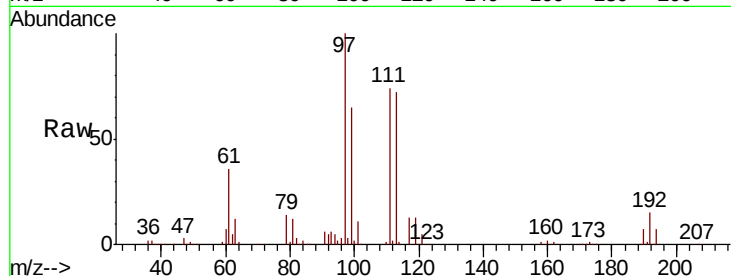




#35
Dibromofluoromethane
Concen: 52.365 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

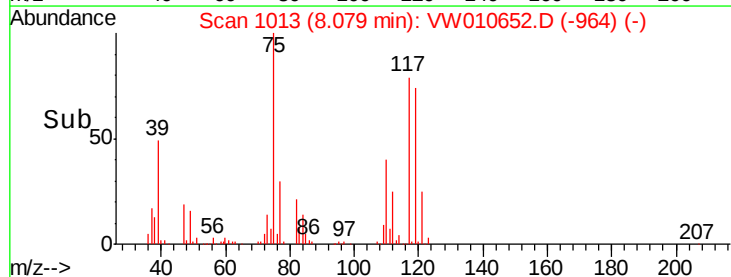
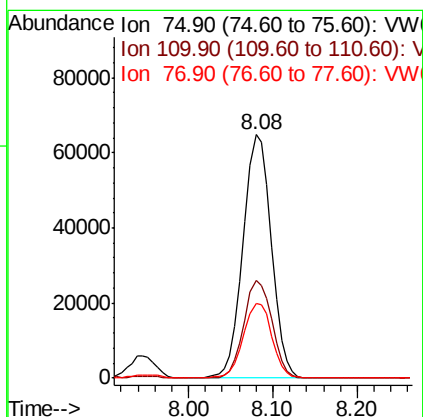
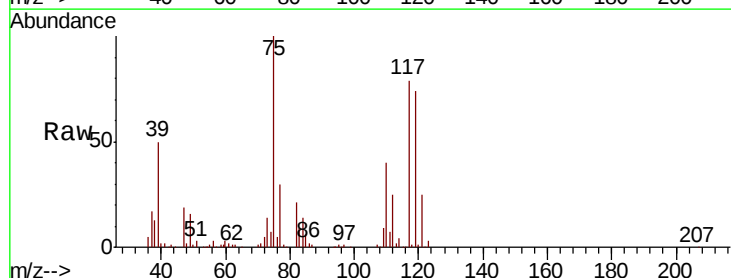
Instrument :
MSVOA_W
ClientSampled :

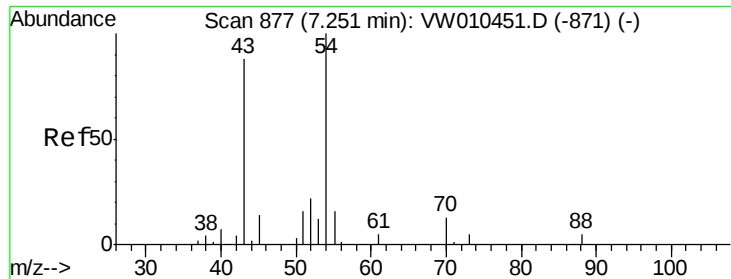
Tot Ion:113 Resp: 91993
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 19.4 14.3 21.5



#36
1,1-Dichloropropene
Concen: 54.589 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 75 Resp: 147230
Ion Ratio Lower Upper
75 100
110 40.0 19.2 57.6
77 31.1 25.2 37.8

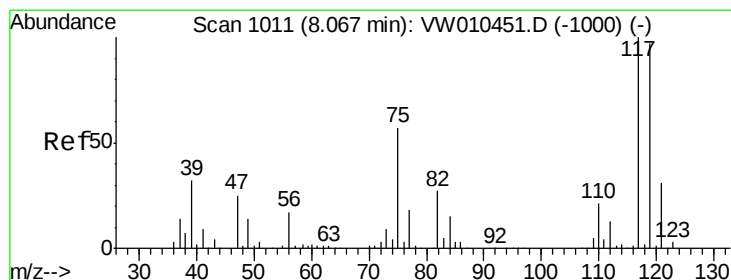
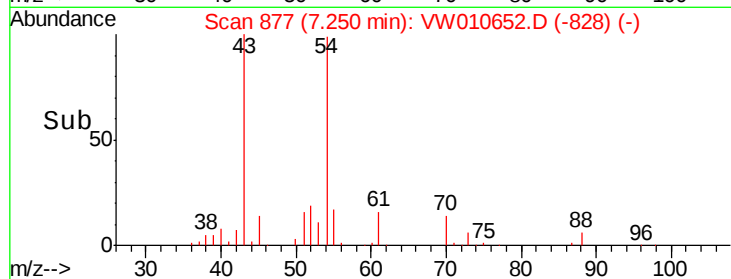
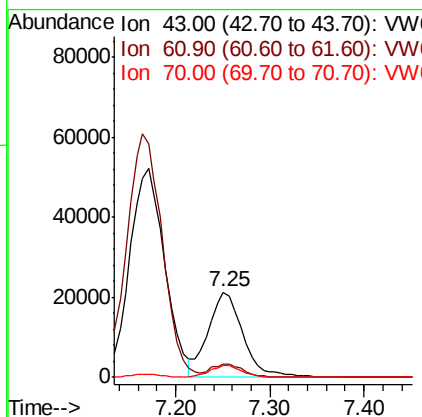
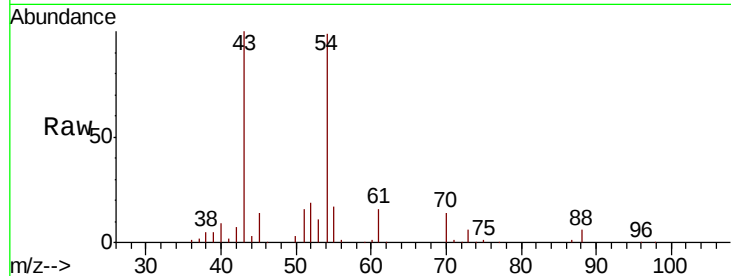




#37
Ethyl Acetate
Concen: 46.716 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

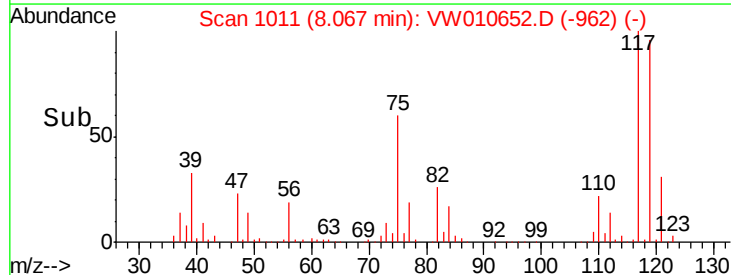
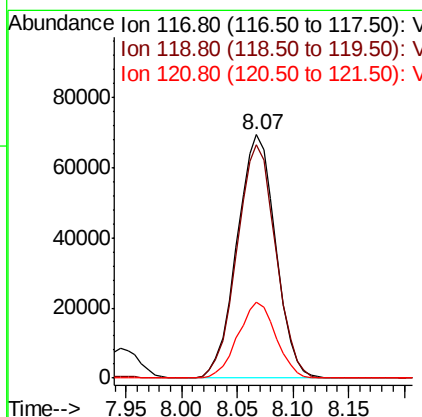
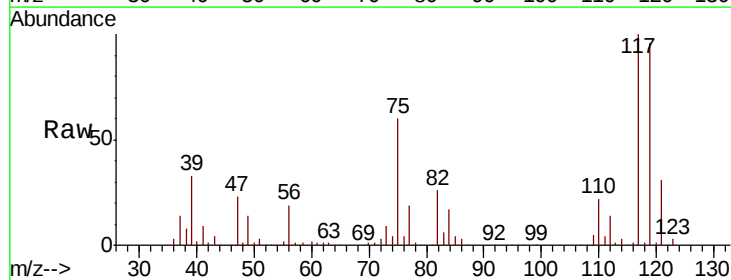
Instrument :
MSVOA_W
ClientSampleId :

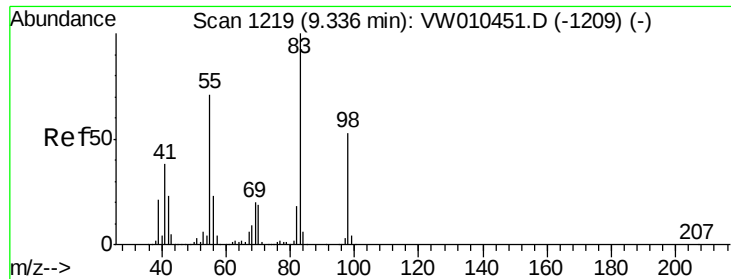
Tot Ion: 43 Resp: 53579
Ion Ratio Lower Upper
43 100
61 15.0 11.2 16.8
70 13.1 9.9 14.9



#38
Carbon Tetrachloride
Concen: 57.314 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 117 Resp: 166751
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
121 31.1 25.0 37.6

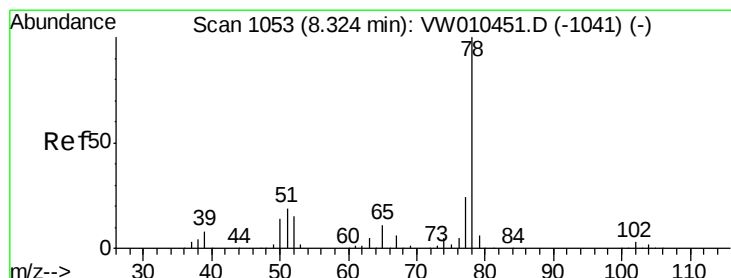
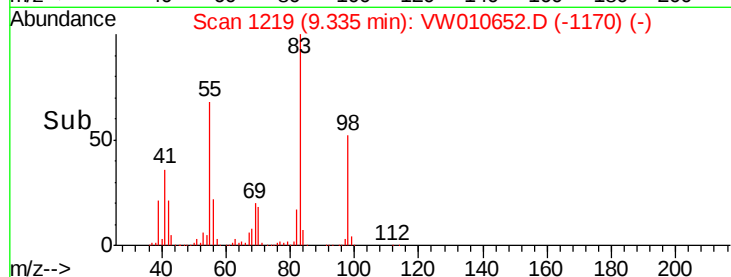
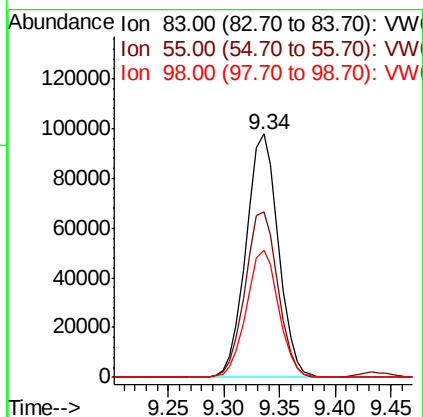
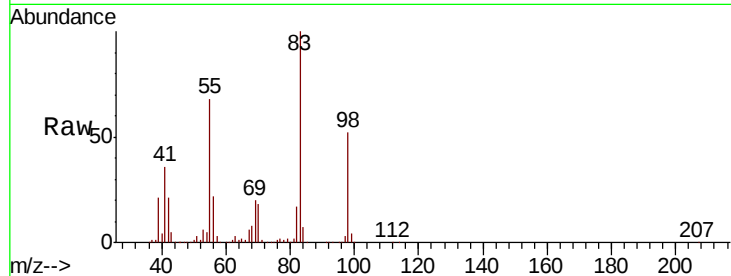




#39
Methvlcvclohexane
Concen: 54.868 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

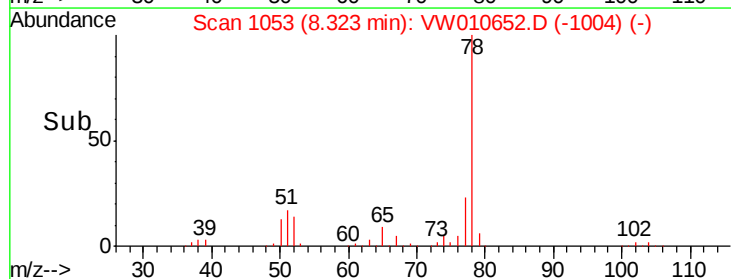
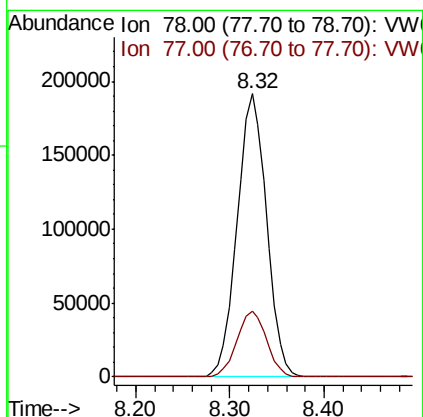
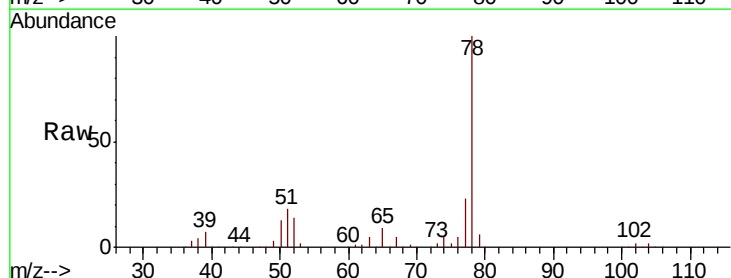
Instrument :
MSVOA_W
ClientSampled :

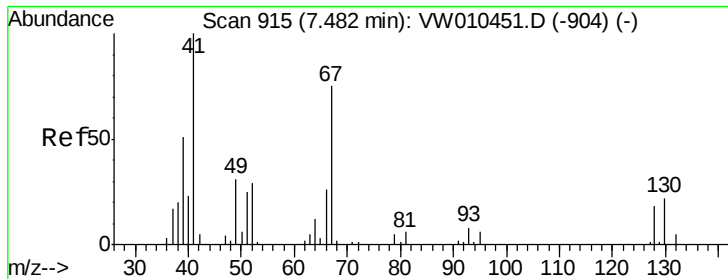
Tot Ion: 83 Resp: 198259
Ion Ratio Lower Upper
83 100
55 68.1 57.0 85.6
98 52.0 42.0 63.0



#40
Benzene
Concen: 55.757 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 78 Resp: 417967
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3





#41

Methacrylonitrile

Concen: 46.551 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 31723

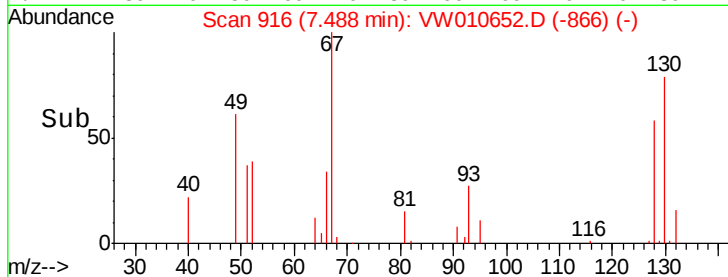
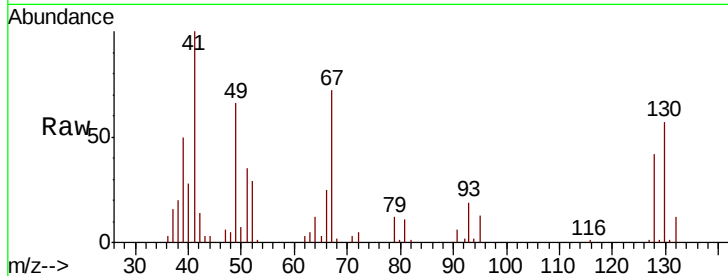
Ion Ratio Lower Upper

41 100

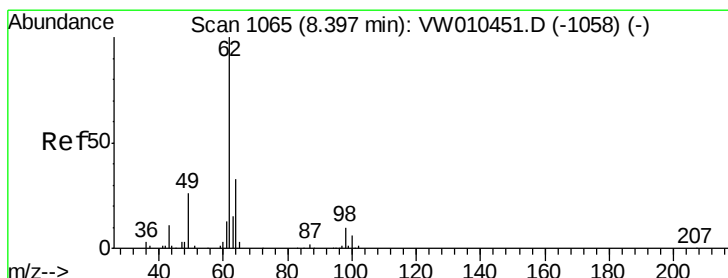
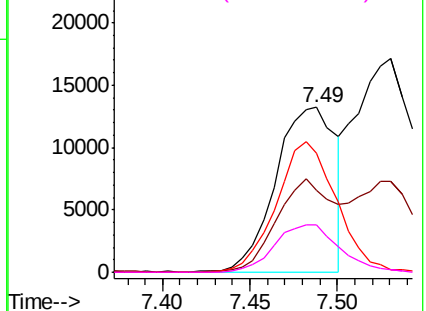
39 52.3 47.4 71.2

67 79.2 65.5 98.3

52 31.0 25.0 37.4



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



#42

1,2-Dichloroethane

Concen: 53.054 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010652.D

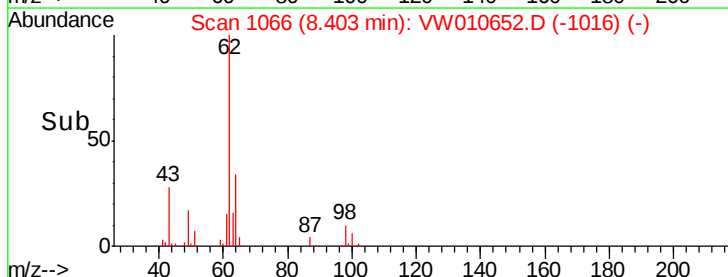
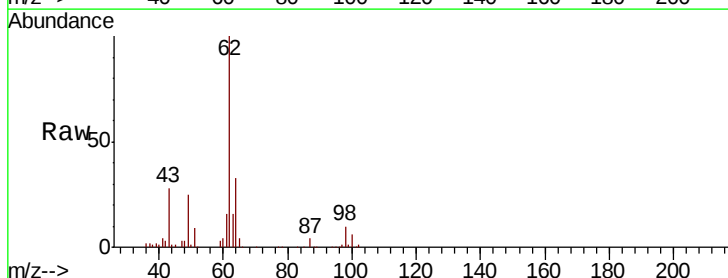
Acq: 03 Jun 2019 11:36

Tgt Ion: 62 Resp: 113670

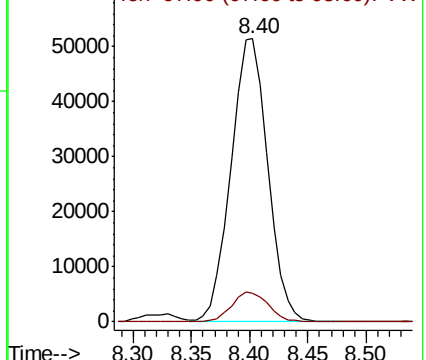
Ion Ratio Lower Upper

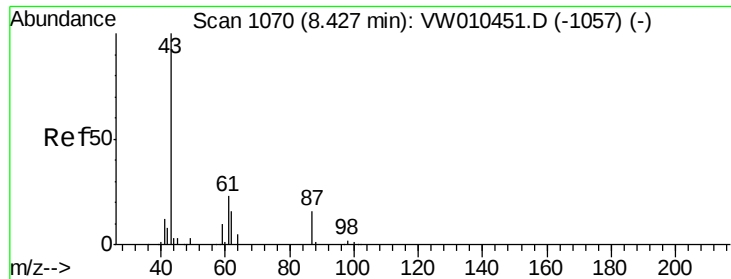
62 100

98 10.4 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 46.292 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

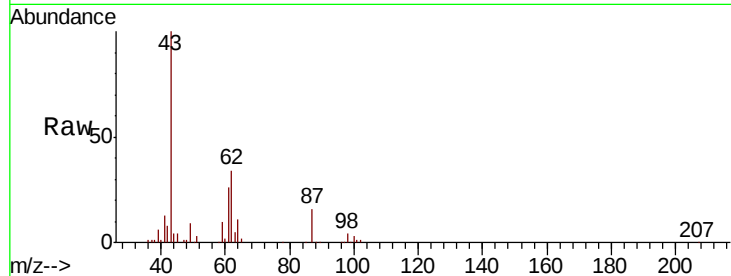
Tot Ion: 43 Resp: 106068

Ion Ratio Lower Upper

43 100

61 33.6 25.4 38.2

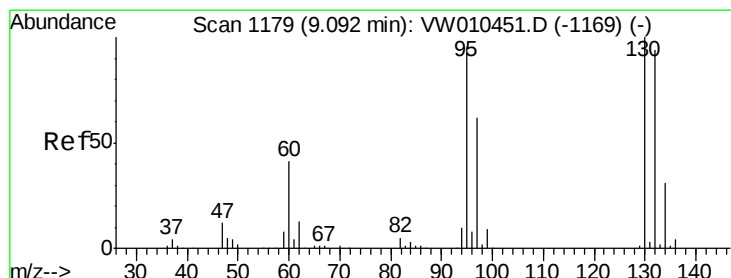
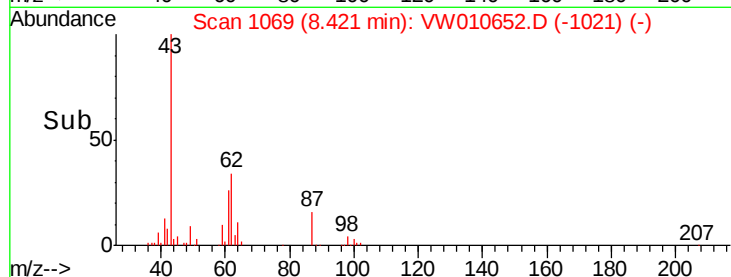
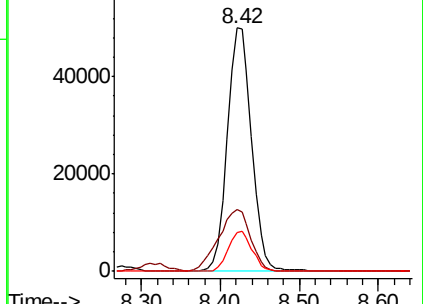
87 16.2 12.7 19.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 58.611 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010652.D

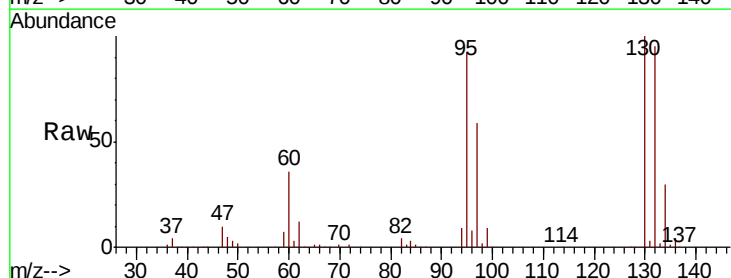
Acq: 03 Jun 2019 11:36

Tgt Ion: 130 Resp: 130438

Ion Ratio Lower Upper

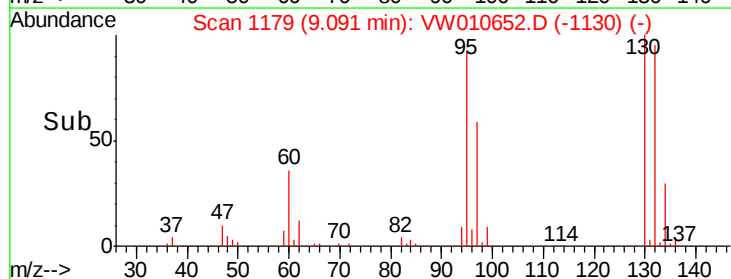
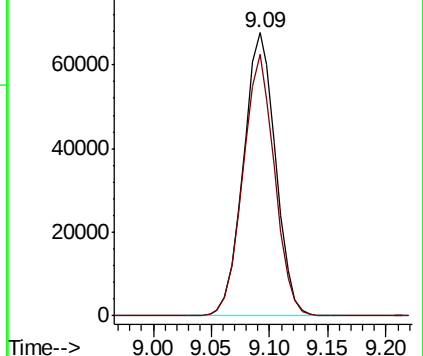
130 100

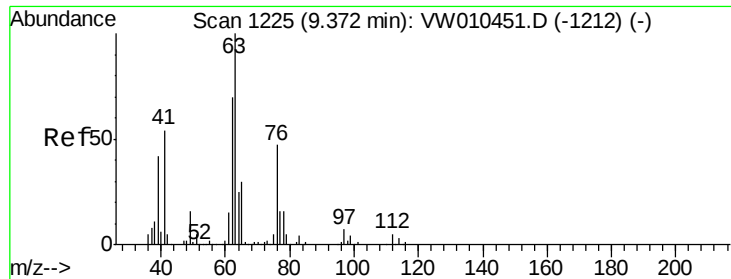
95 92.2 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 54.216 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

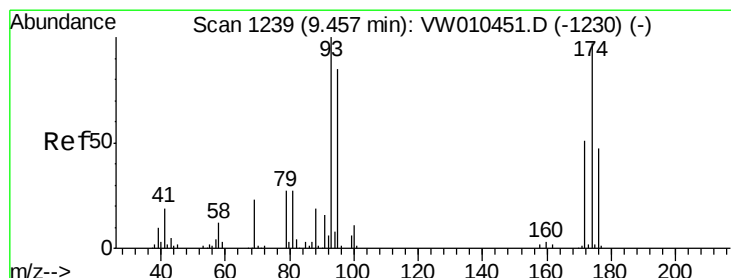
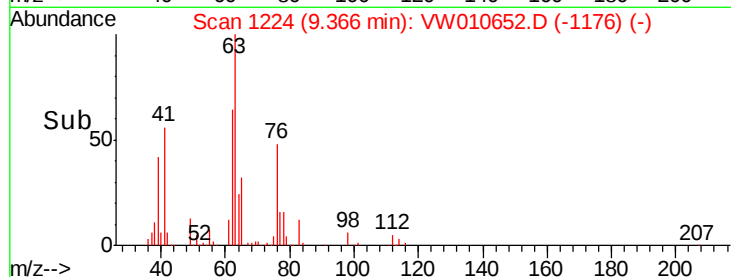
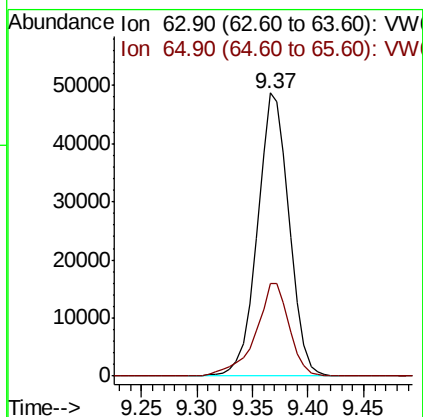
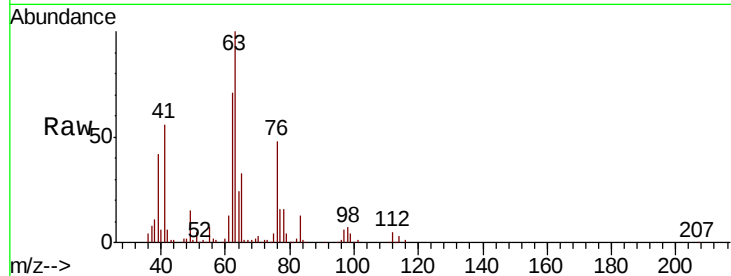
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 96524

Ion Ratio Lower Upper

63 100

65 32.7 24.3 36.5



#46

Dibromomethane

Concen: 52.994 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

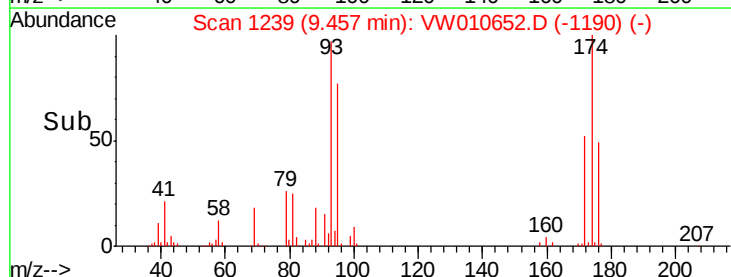
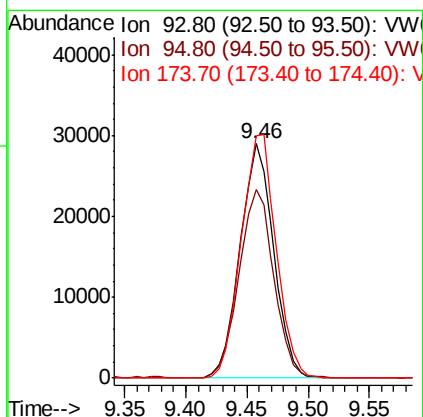
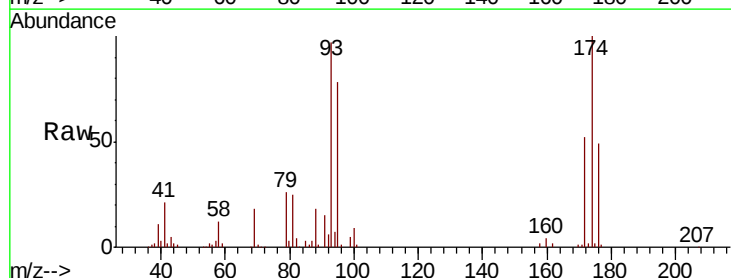
Tgt Ion: 93 Resp: 55177

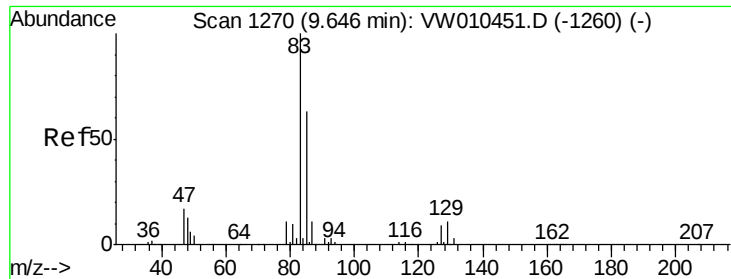
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 108.4 77.1 115.7





#47

Bromodichloromethane

Concen: 53.612 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

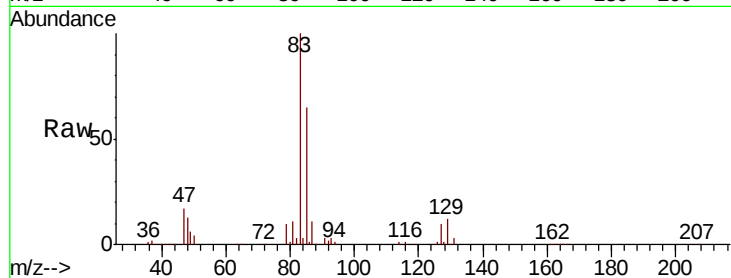
Tot Ion: 83 Resp: 140275

Ion Ratio Lower Upper

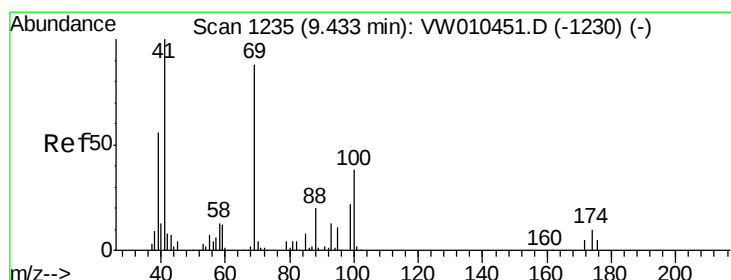
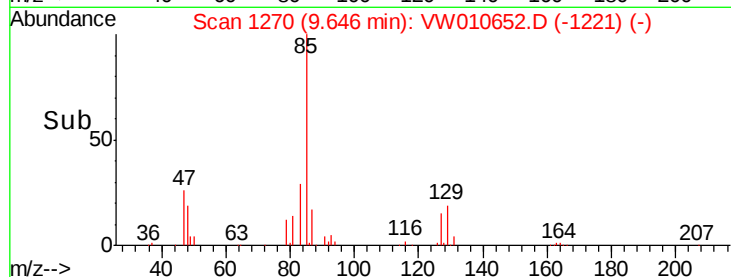
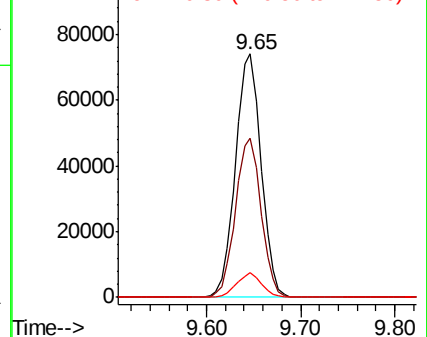
83 100

85 65.5 50.4 75.6

127 10.0 7.4 11.0



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: 46.427 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

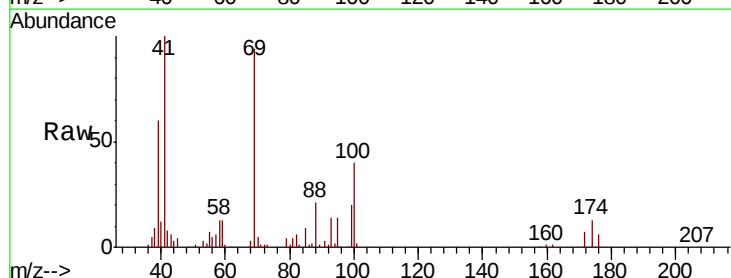
Tgt Ion: 41 Resp: 48666

Ion Ratio Lower Upper

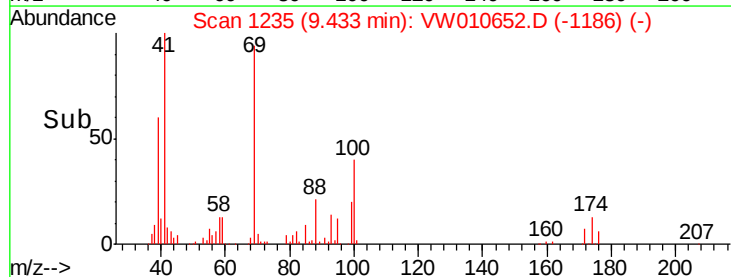
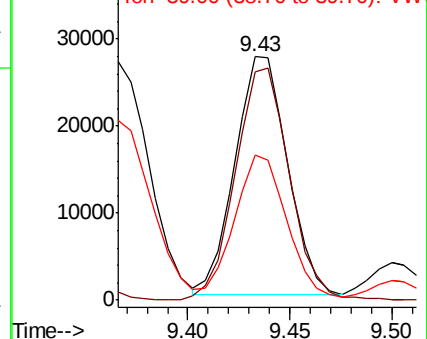
41 100

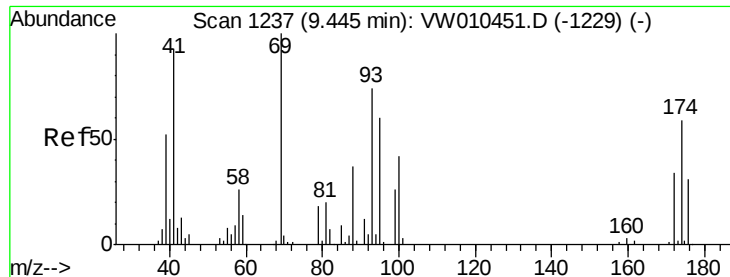
69 101.1 77.6 116.4

39 58.5 49.8 74.8



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



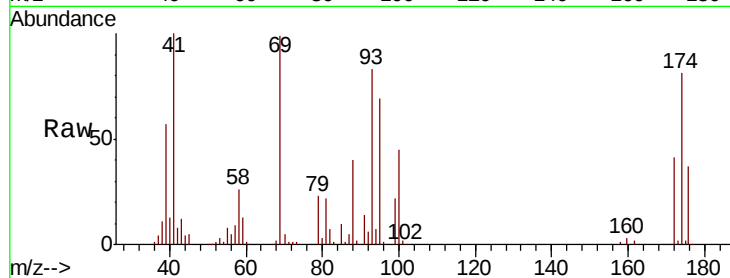


#49
 1,4-Dioxane
 Concen: 1017.672 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 88 Resp: 17309

Ion	Ratio	Lower	Upper
88	100		
43	29.6	25.9	38.9
58	66.9	52.7	79.1

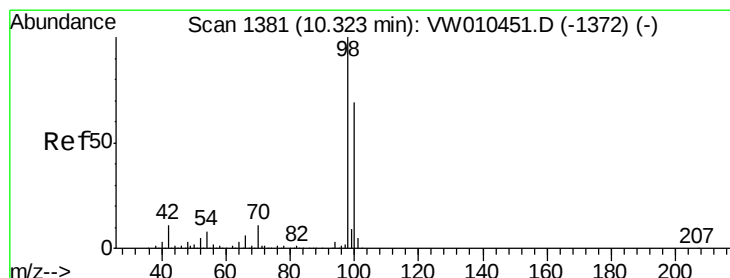
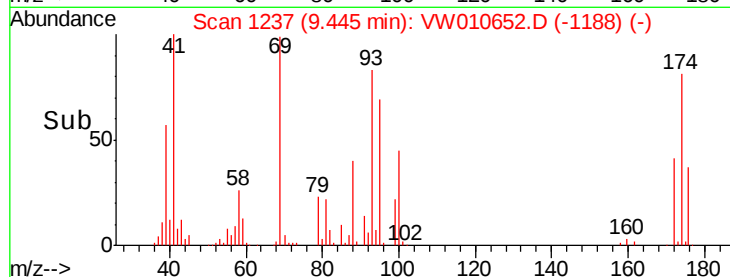
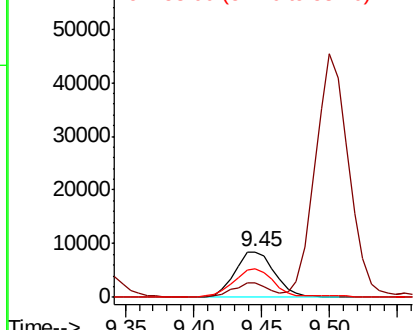


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

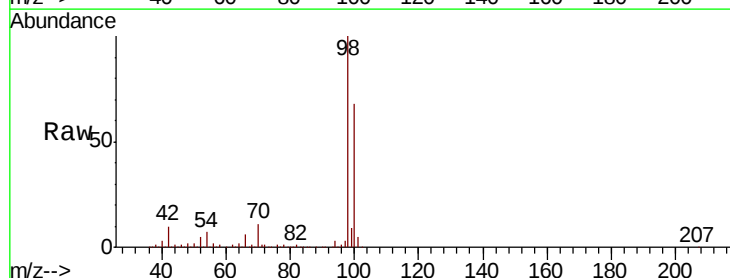
Ion 58.00 (57.70 to 58.70): VW



#50
 Toluene-d8
 Concen: 51.675 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion: 98 Resp: 346805

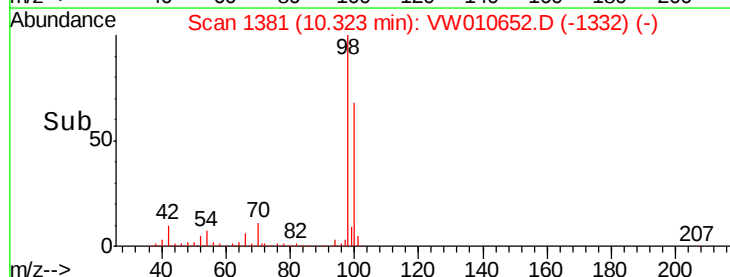
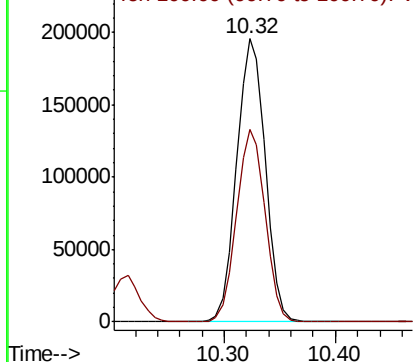
Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.7	80.5

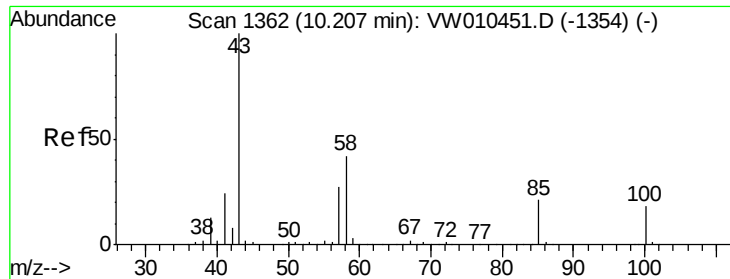


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 232.485 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

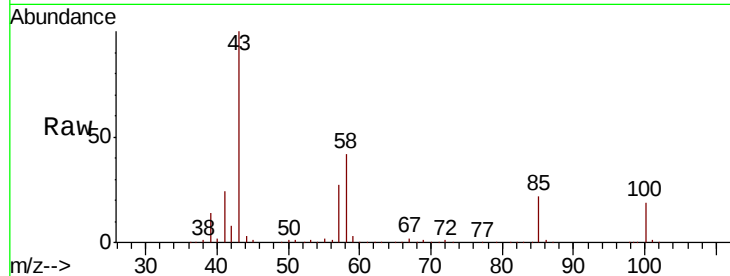
ClientSampleId :

Tot Ion: 43 Resp: 269925

Ion Ratio Lower Upper

43 100

58 42.2 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

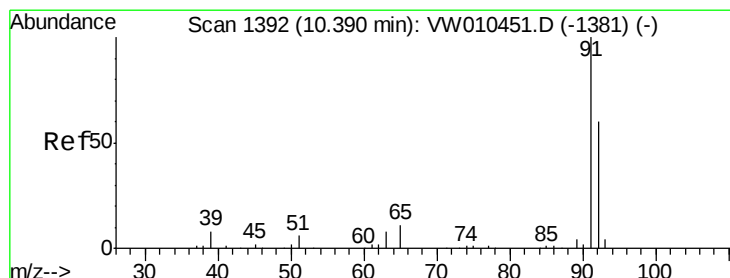
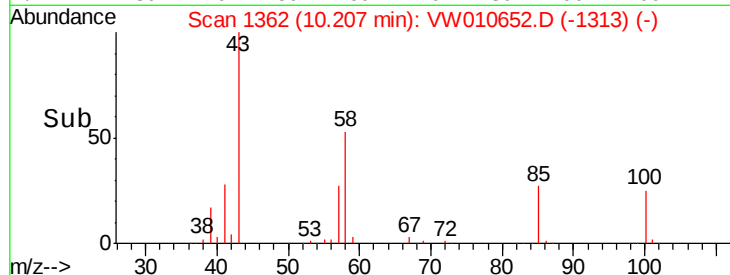
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 55.966 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010652.D

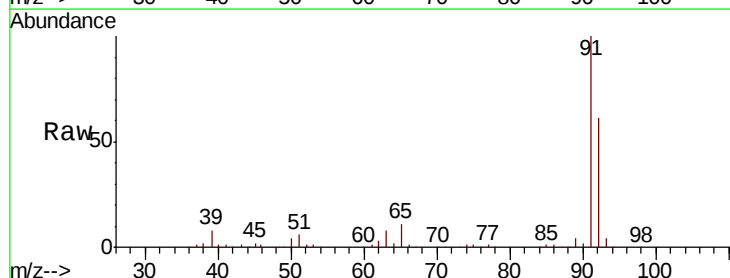
Acq: 03 Jun 2019 11:36

Tgt Ion: 92 Resp: 281750

Ion Ratio Lower Upper

92 100

91 167.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

300000

250000

200000

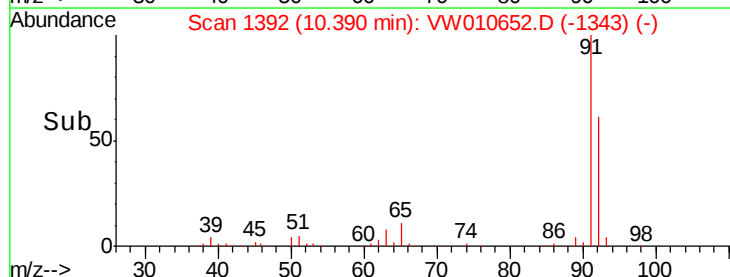
150000

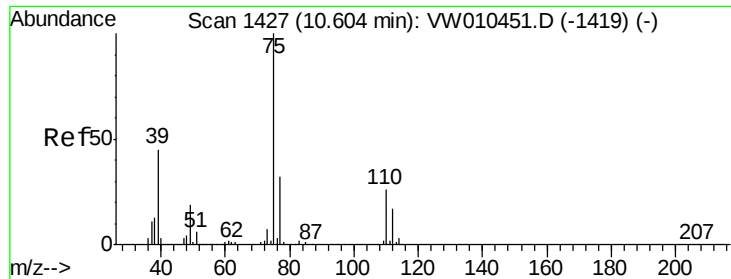
100000

50000

0

Time-->

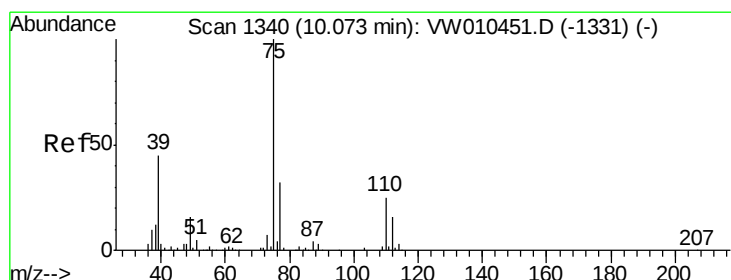
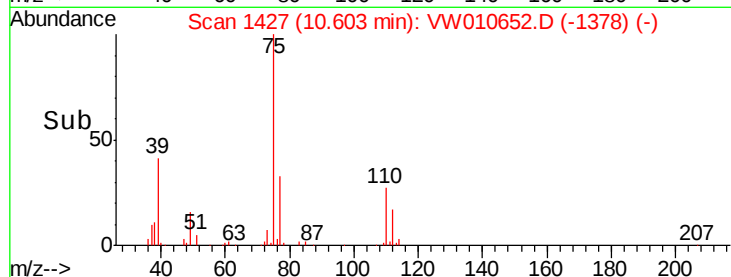
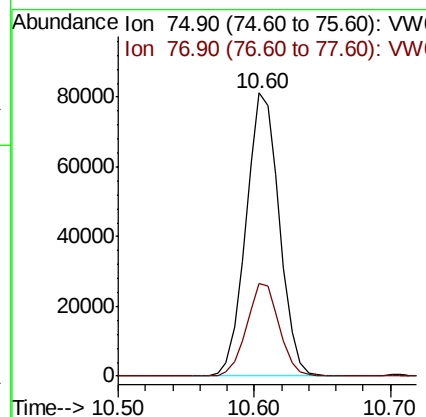
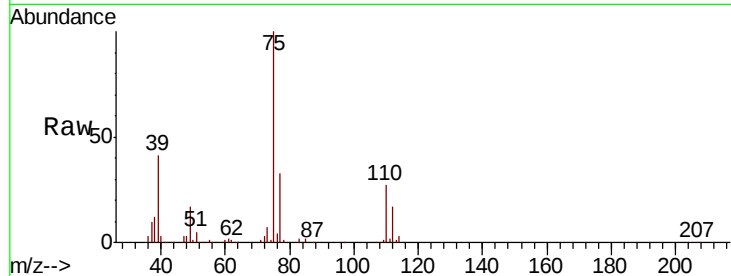




#53
 t-1,3-Dichloropropene
 Concen: 52.242 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

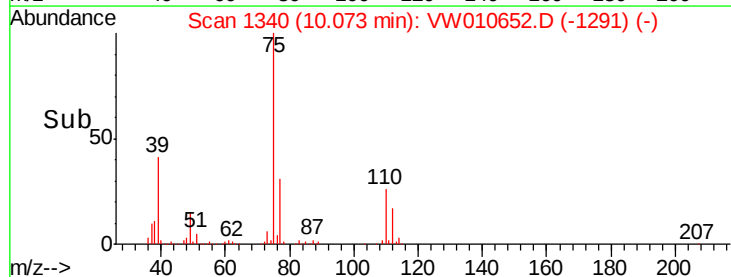
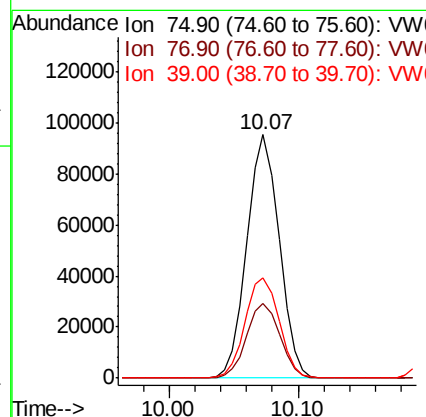
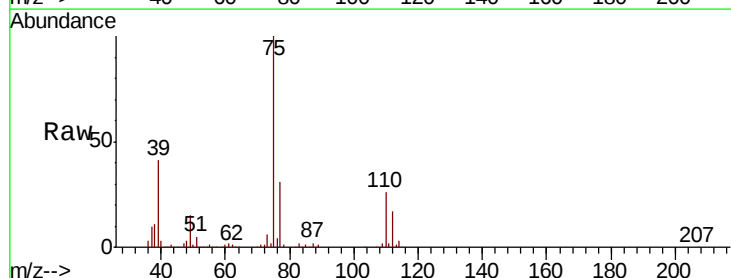
Instrument :
 MSVOA_W
 ClientSampleId :

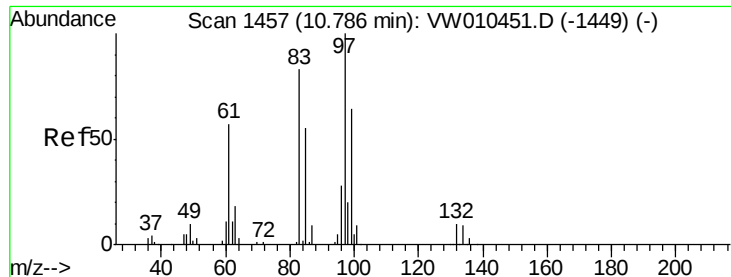
Tot Ion: 75 Resp: 138436
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.818 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion: 75 Resp: 165898
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5
 39 41.4 36.2 54.4

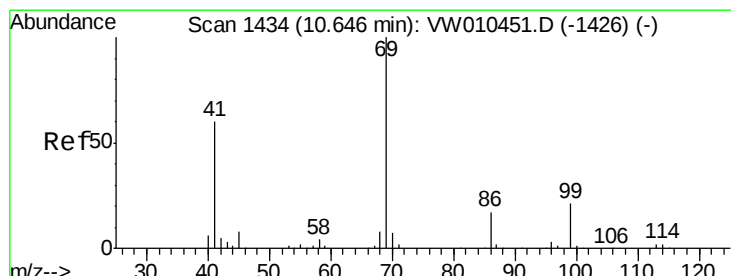
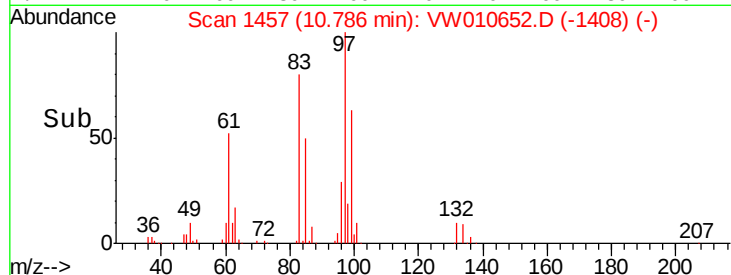
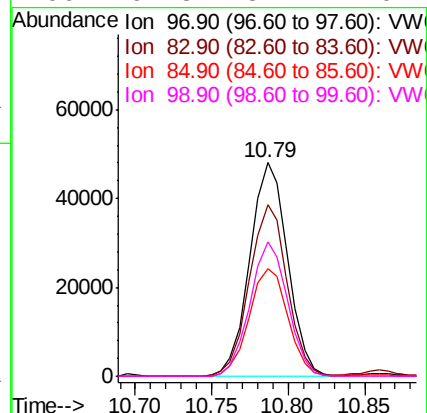
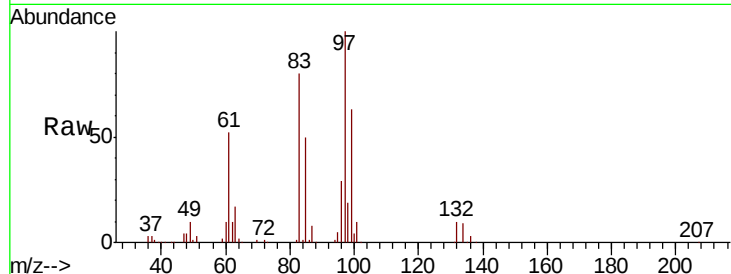




#55
 1,1,2-Trichloroethane
 Concen: 55.176 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

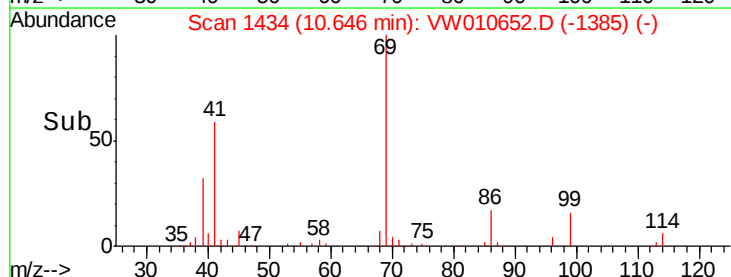
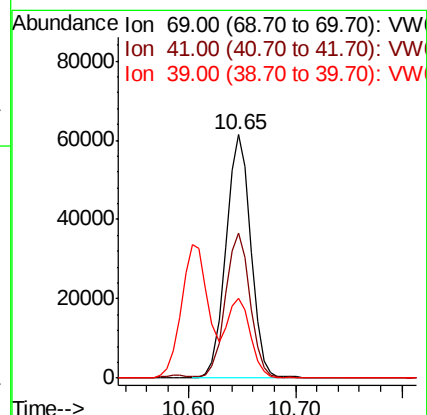
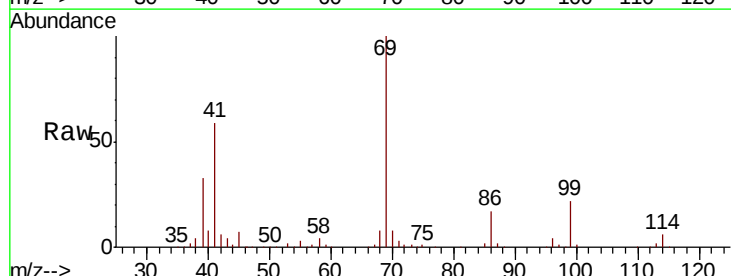
Instrument :
 MSVOA_W
 ClientSampled :

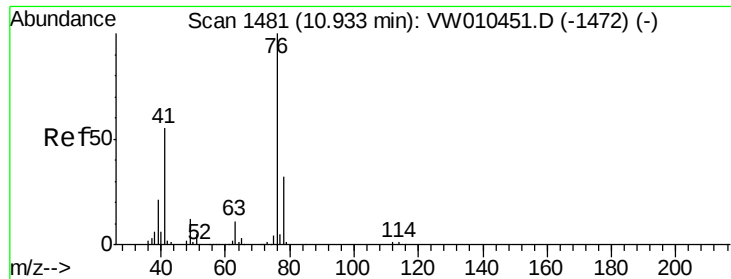
Tot Ion:	97	Resp:	82612
Ion	Ratio	Lower	Upper
97	100		
83	80.2	66.1	99.1
85	50.4	44.2	66.4
99	62.8	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 48.607 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion:	69	Resp:	100371
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.7	71.5
39	30.9	25.3	37.9

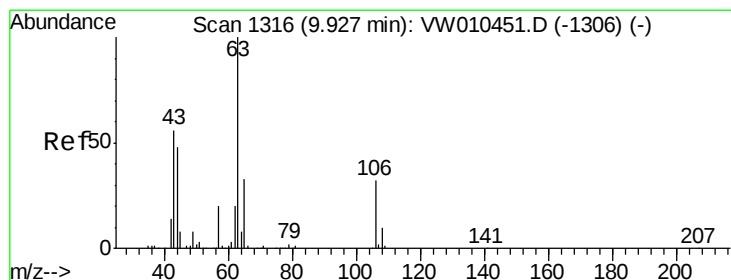
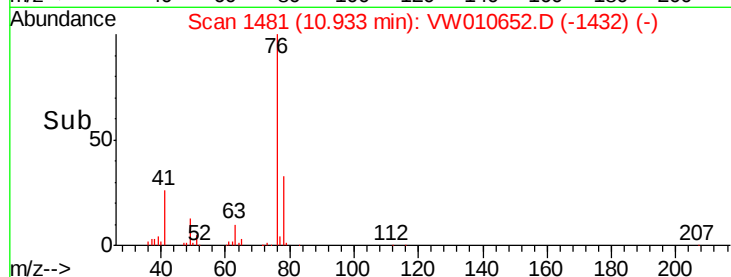
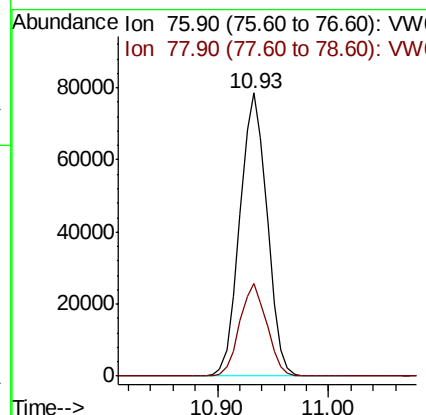
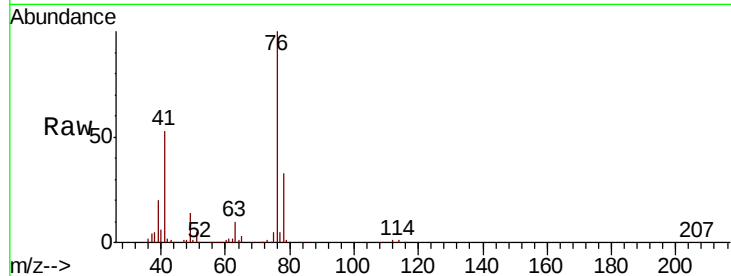




#57
 1,3-Dichloropropane
 Concen: 52.891 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

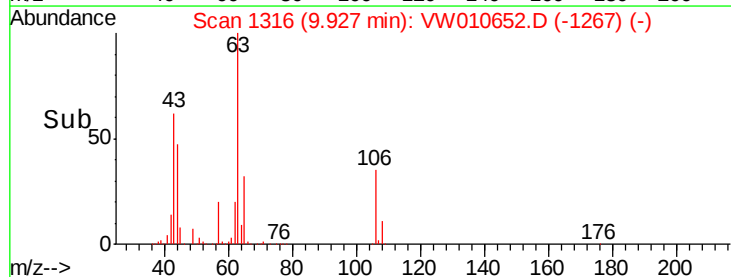
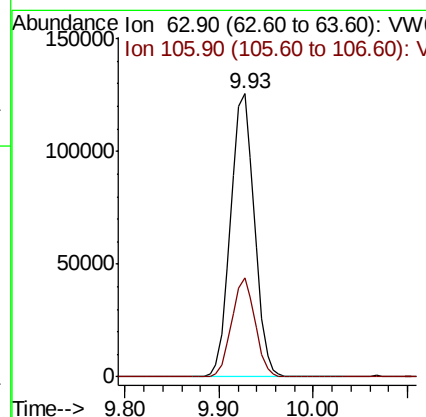
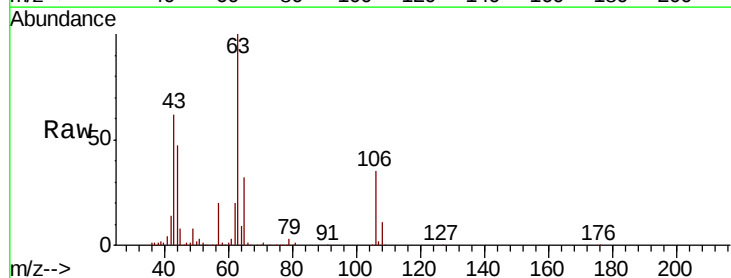
Instrument :
 MSVOA_W
 ClientSampled :

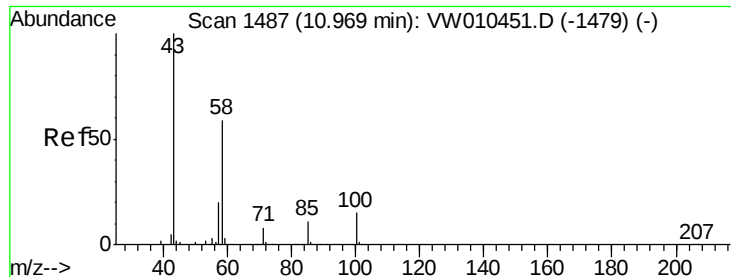
Tot Ion: 76 Resp: 132648
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.773 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion: 63 Resp: 221131
 Ion Ratio Lower Upper
 63 100
 106 34.1 25.8 38.6

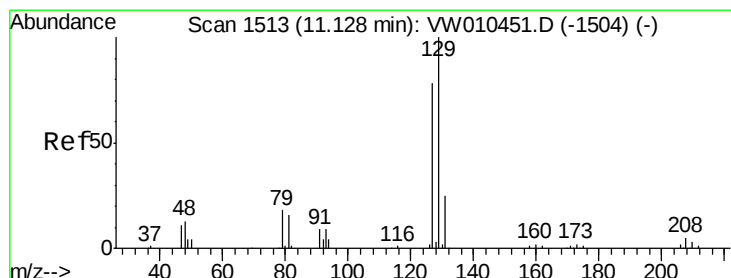
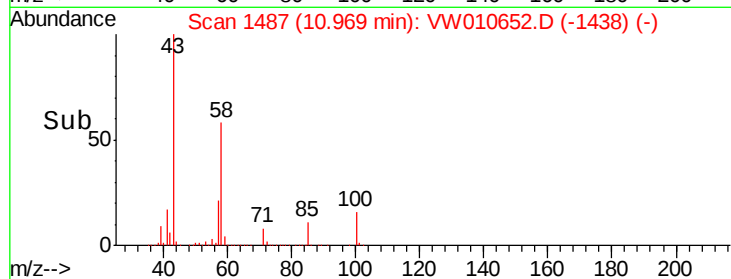
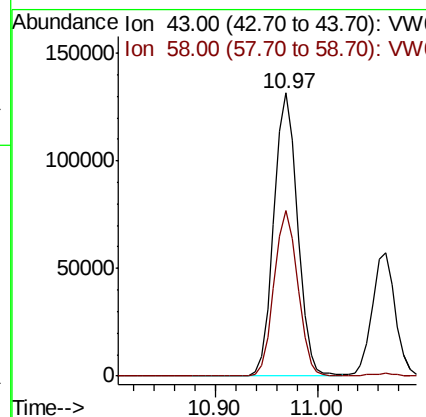
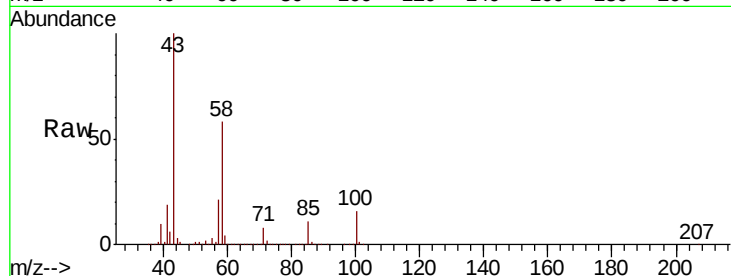




#59
2-Hexanone
Concen: 255.358 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

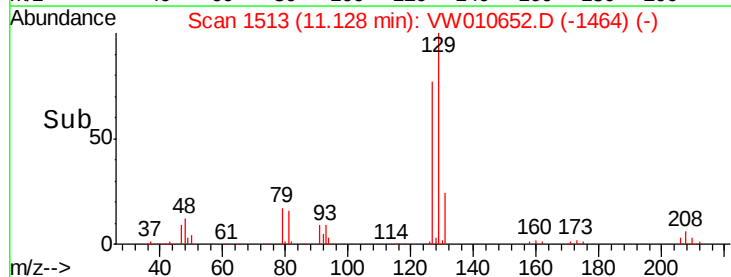
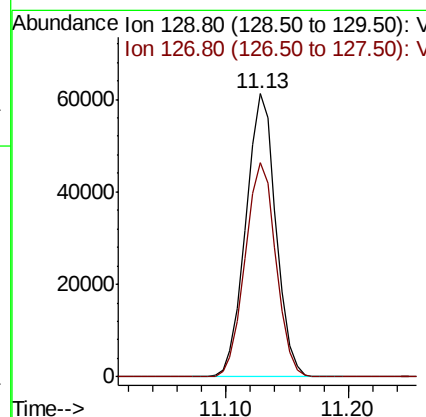
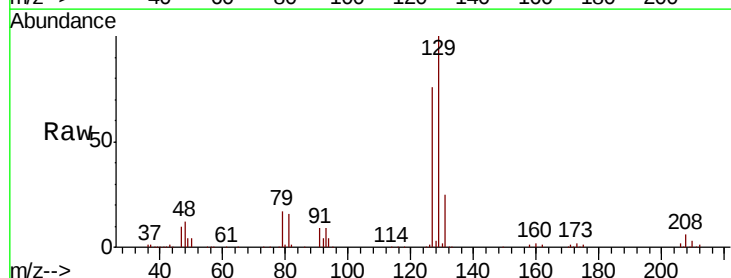
Instrument :
MSVOA_W
ClientSampled :

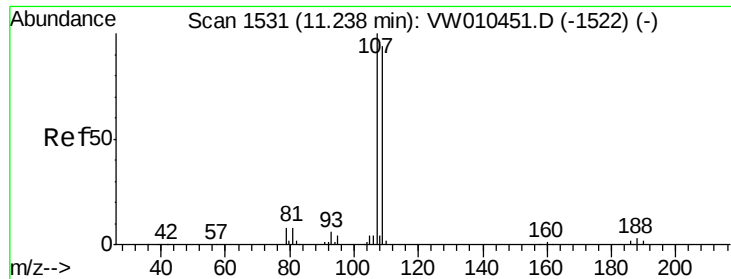
Tot Ion: 43 Resp: 211494
Ion Ratio Lower Upper
43 100
58 58.6 28.9 86.8



#60
Dibromochloromethane
Concen: 55.135 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 129 Resp: 104476
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7

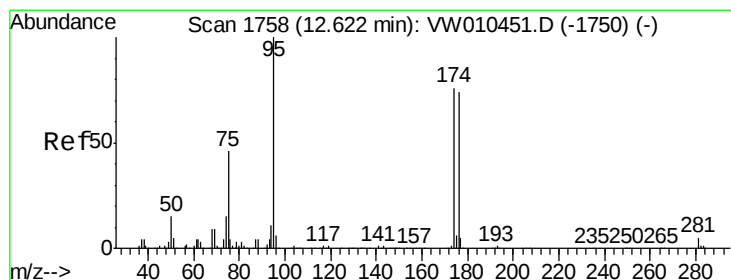
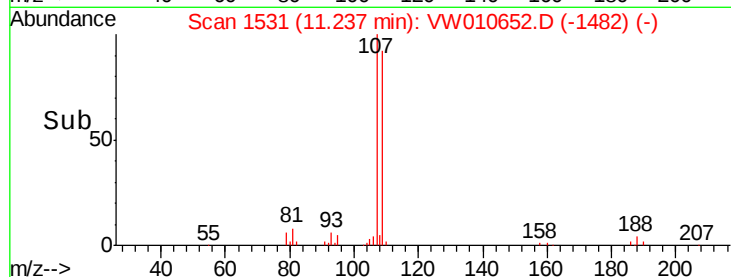
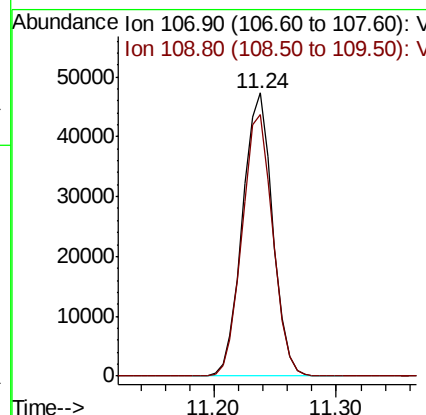
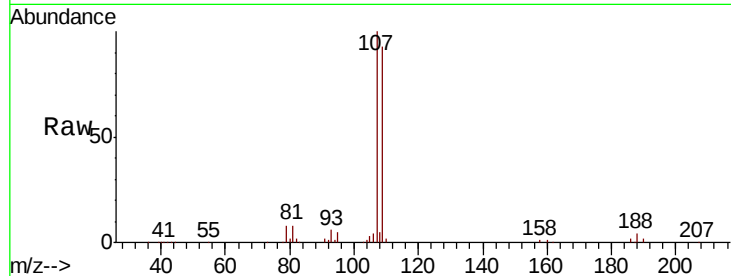




#61
 1,2-Dibromoethane
 Concen: 53.167 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

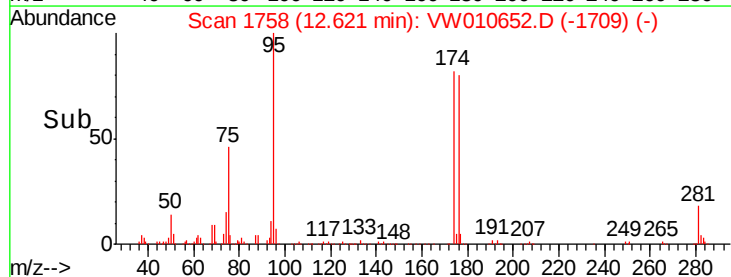
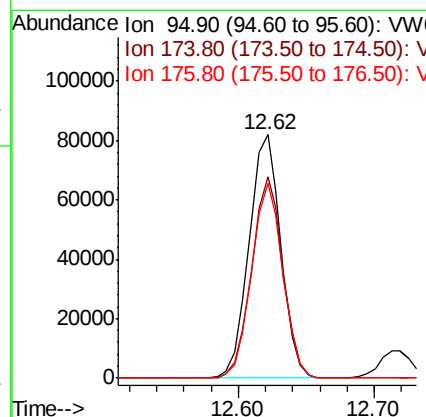
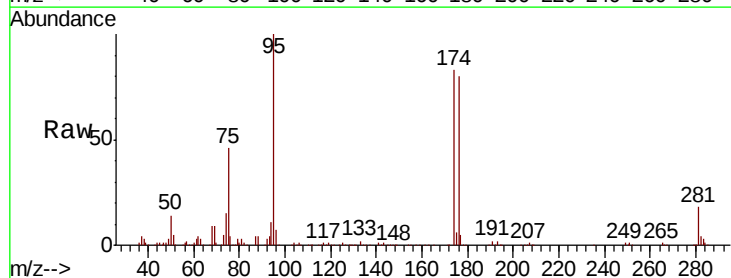
Instrument :
 MSVOA_W
 ClientSampled :

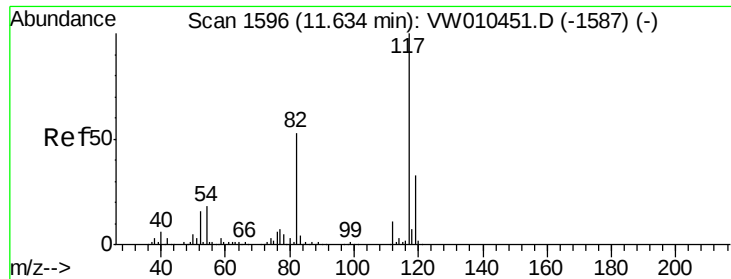
Tot Ion:107 Resp: 80637
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.051 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion: 95 Resp: 133795
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 148.6
 176 79.0 0.0 144.2

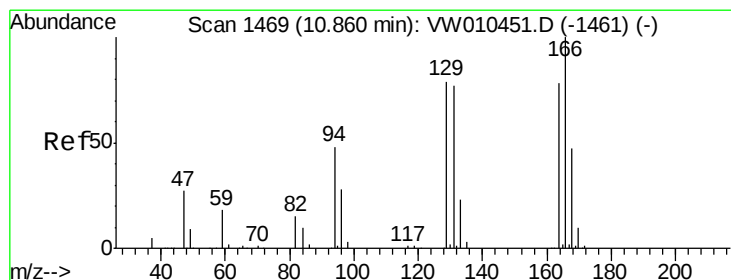
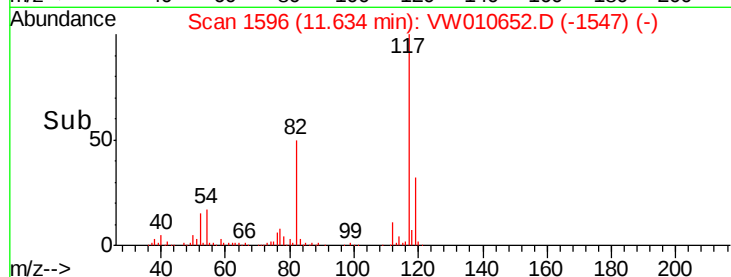
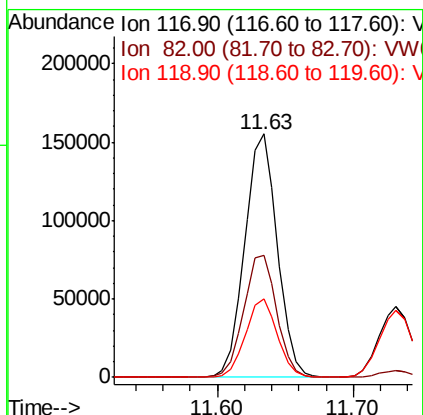
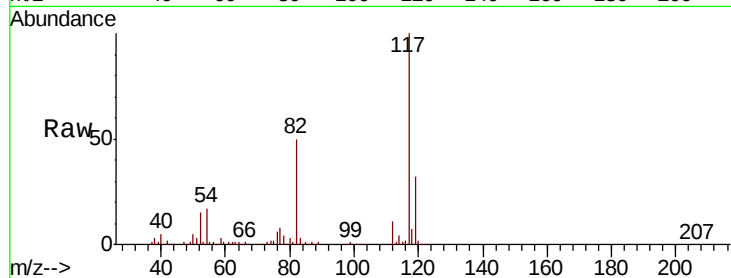




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

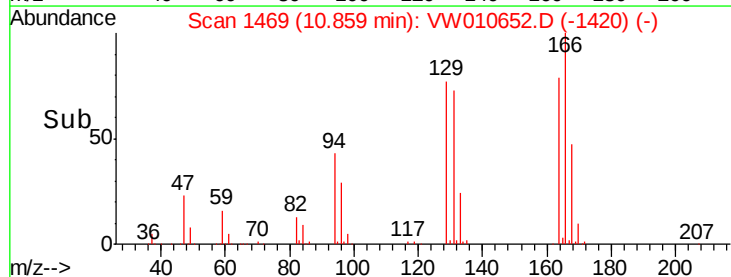
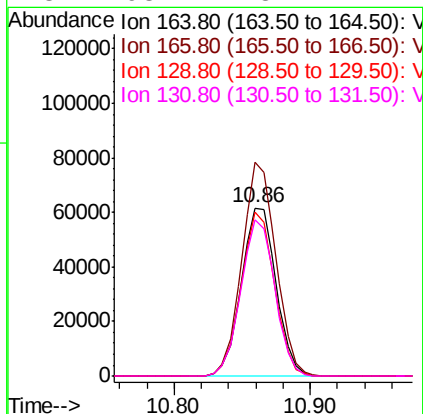
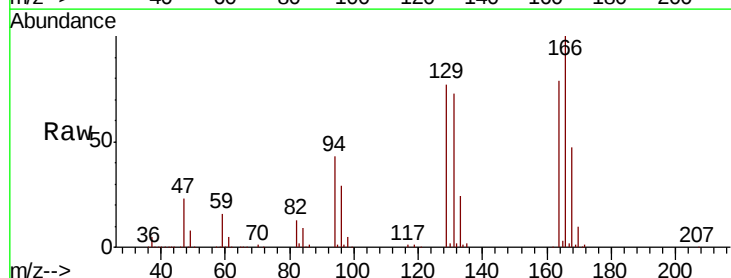
Instrument :
MSVOA_W
ClientSampleId :

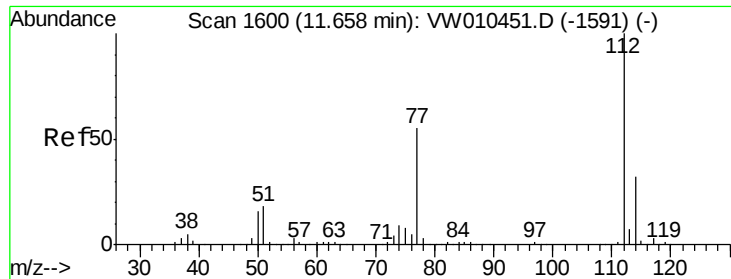
Tot Ion:117 Resp: 259451
Ion Ratio Lower Upper
117 100
82 50.1 42.8 64.2
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 60.767 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion:164 Resp: 109905
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 97.9 80.6 121.0
131 93.1 78.2 117.2

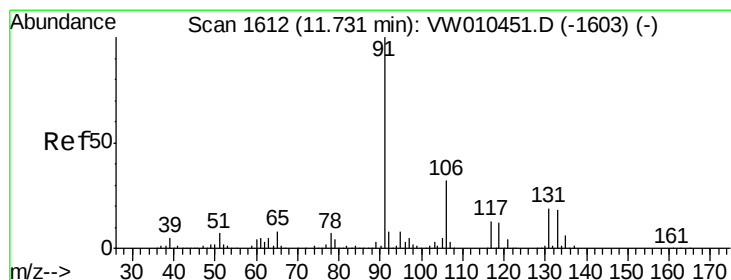
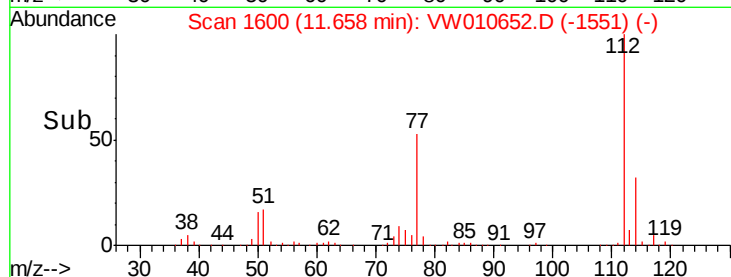
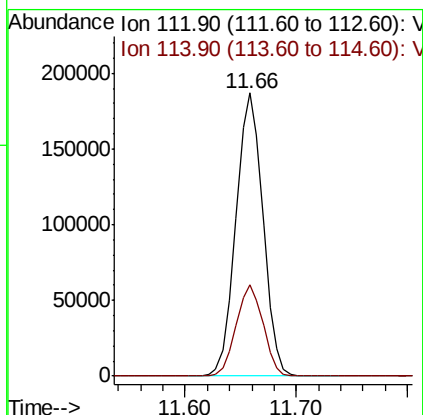
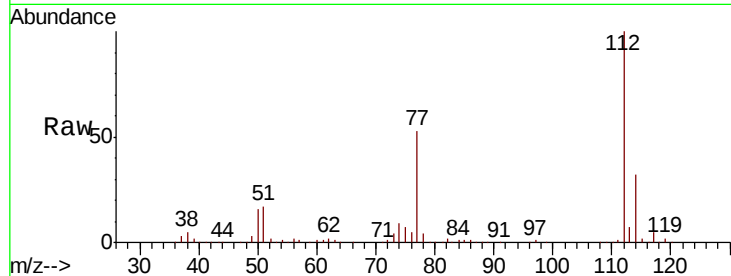




#65
Chlorobenzene
Concen: 56.721 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

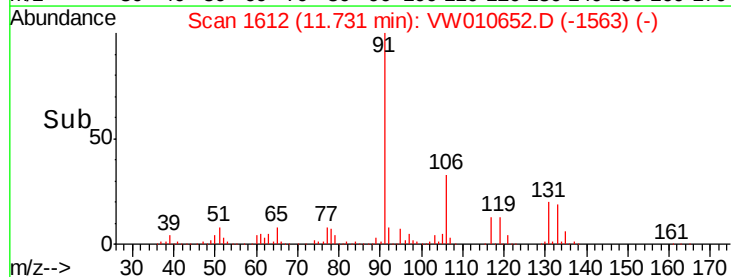
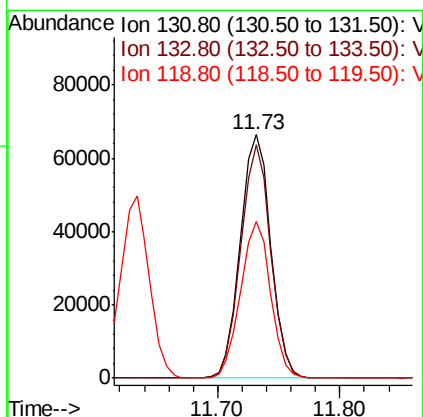
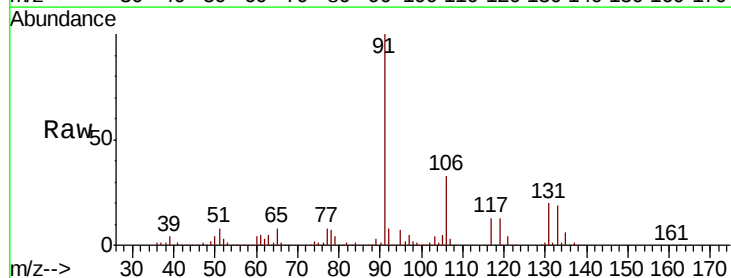
Instrument :
MSVOA_W
ClientSampled :

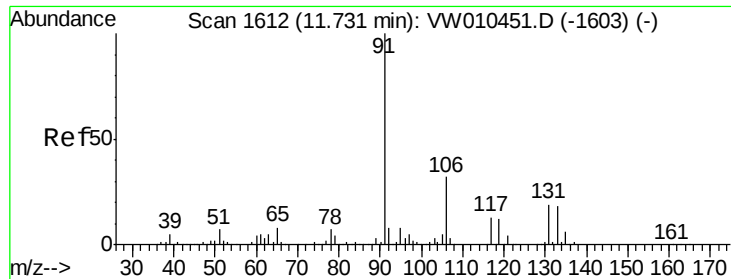
Tot Ion:112 Resp: 313638
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 57.860 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion:131 Resp: 114609
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 63.5 32.1 96.5

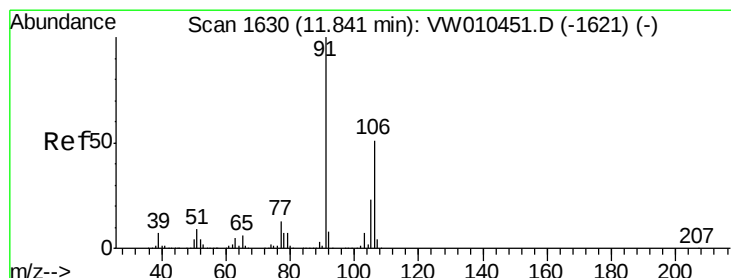
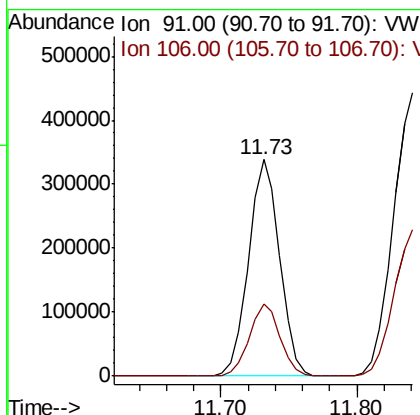
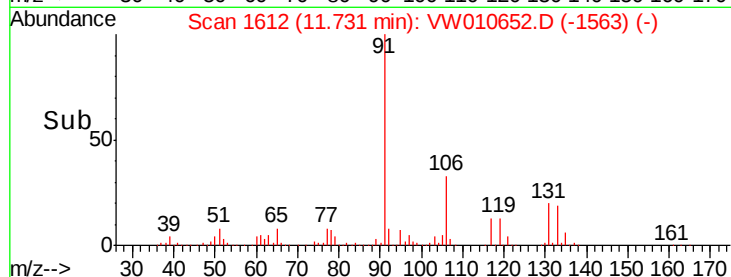
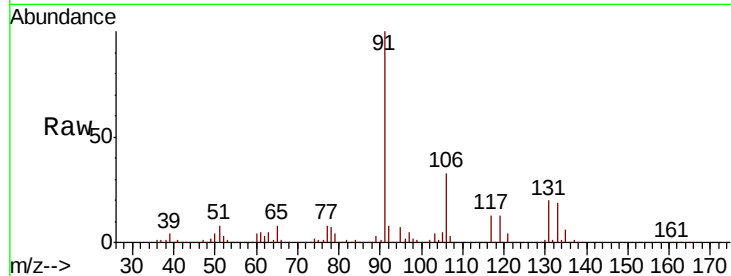




#67
Ethyl Benzene
Concen: 55.516 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

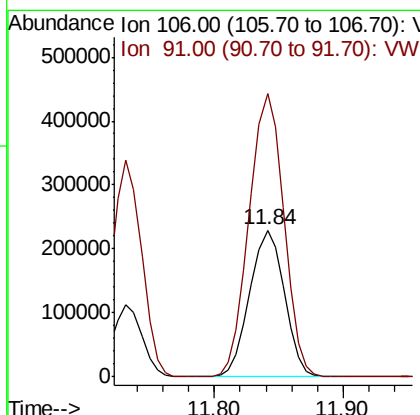
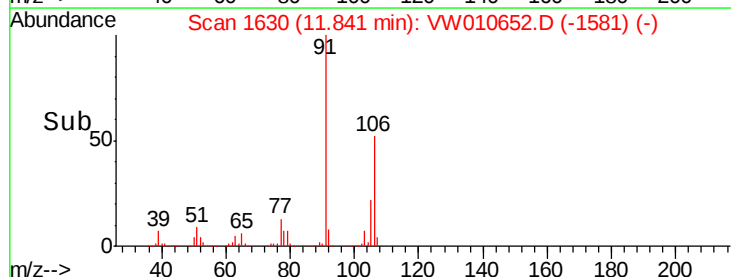
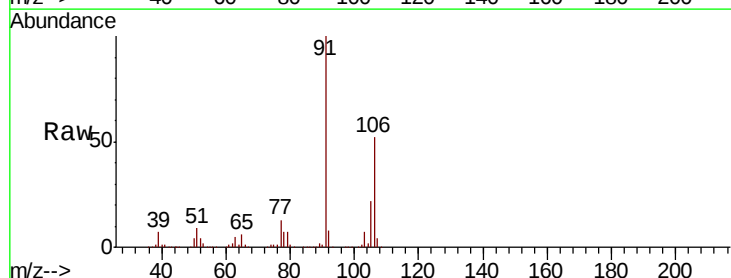
Instrument :
MSVOA_W
ClientSampled :

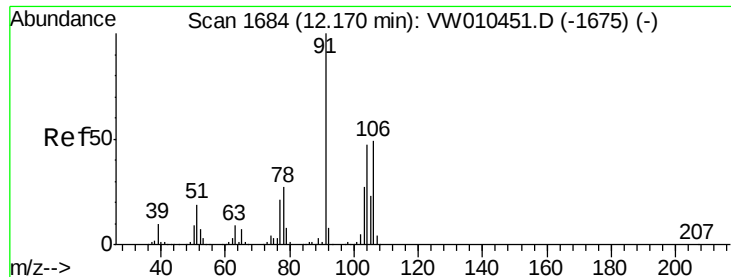
Tot Ion: 91 Resp: 541975
Ion Ratio Lower Upper
91 100
106 33.4 25.9 38.9



#68
m/p-Xylenes
Concen: 111.787 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 106 Resp: 428053
Ion Ratio Lower Upper
106 100
91 193.5 156.0 234.0

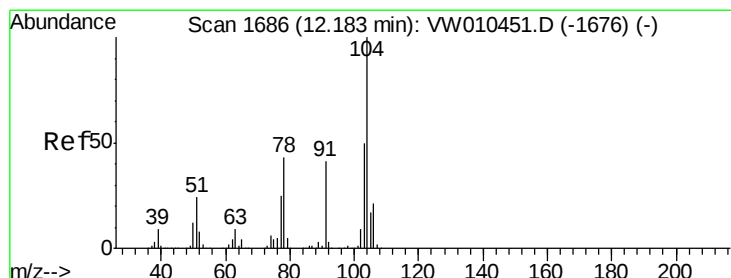
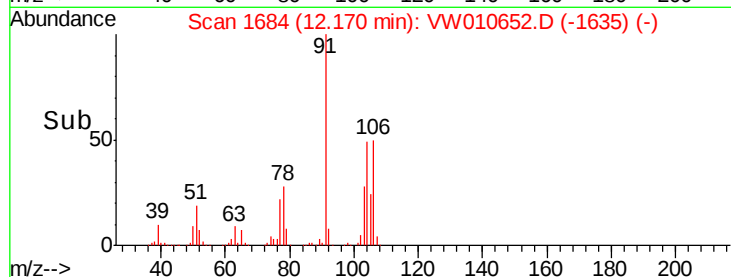
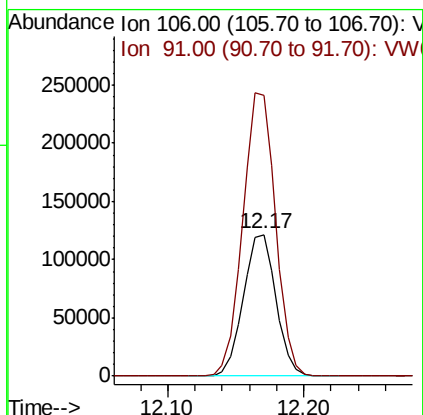
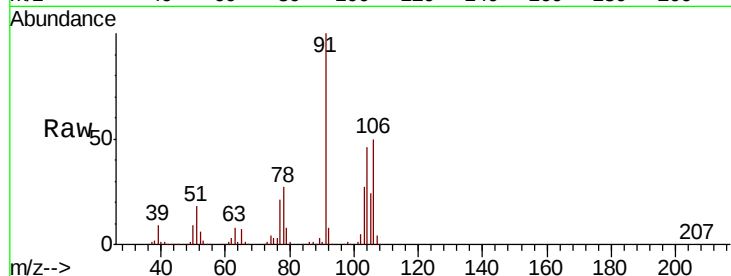




#69
o-Xylene
Concen: 56.214 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

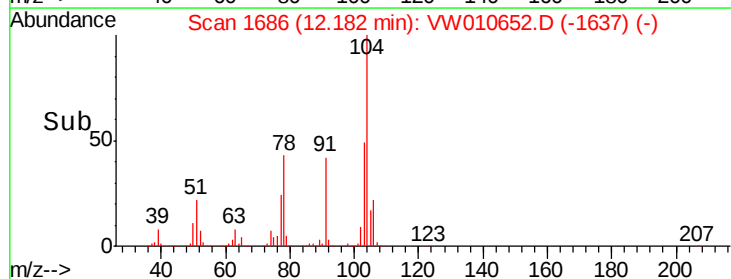
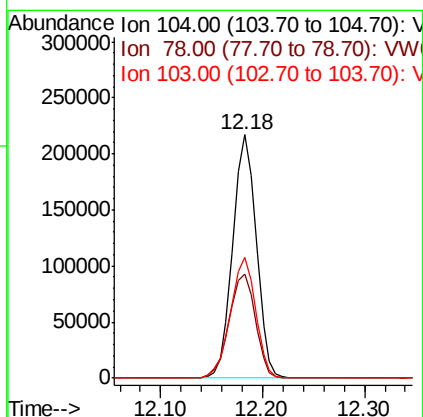
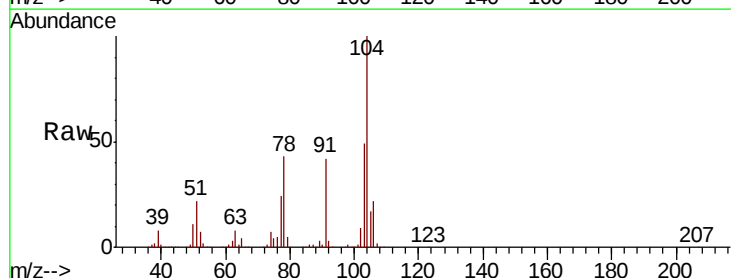
Instrument :
MSVOA_W
ClientSampleId :

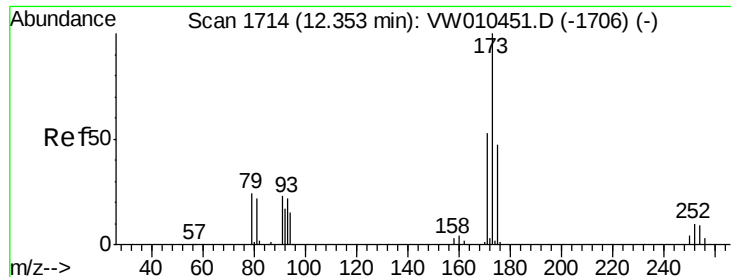
Tot Ion:106 Resp: 203943
Ion Ratio Lower Upper
106 100
91 201.1 103.2 309.4



#70
Styrene
Concen: 56.106 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion:104 Resp: 345370
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.4
103 53.0 43.0 64.6





#71

Bromoform

Concen: 54.280 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

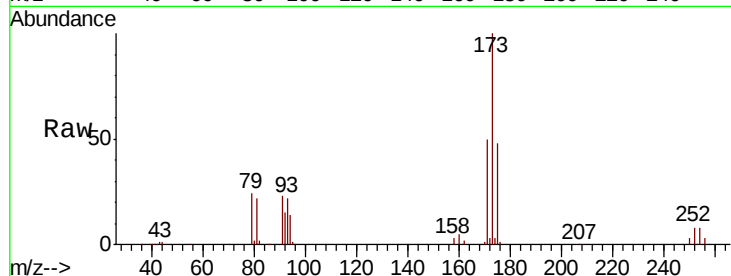
Tot Ion:173 Resp: 59208

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.4

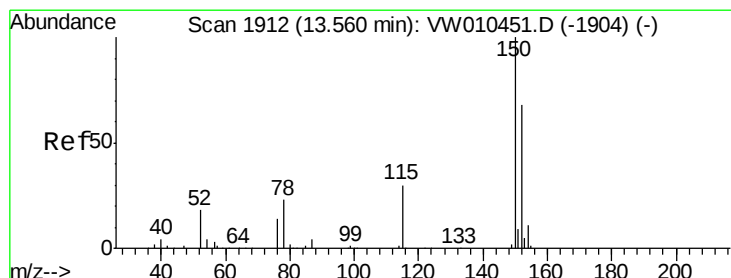
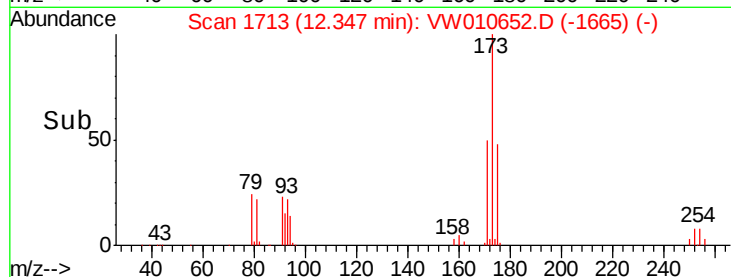
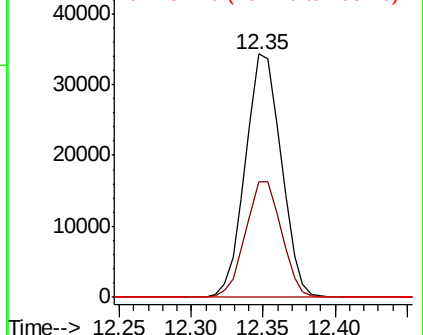
254 0.1 0.0 0.0#



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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

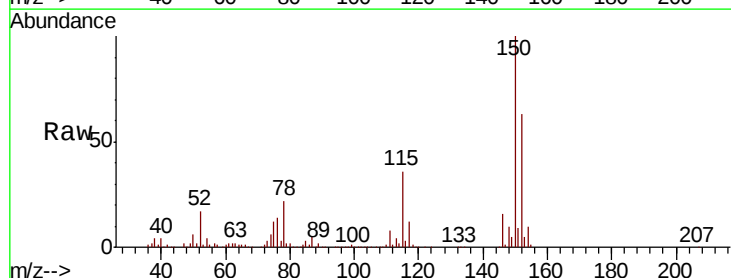
Tgt Ion:152 Resp: 132653

Ion Ratio Lower Upper

152 100

115 56.5 30.3 91.0

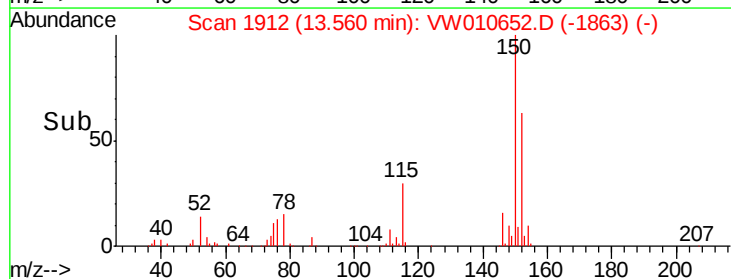
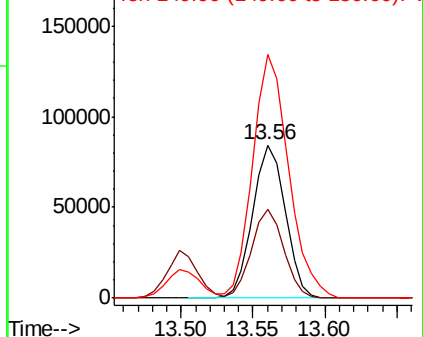
150 174.9 0.0 349.8

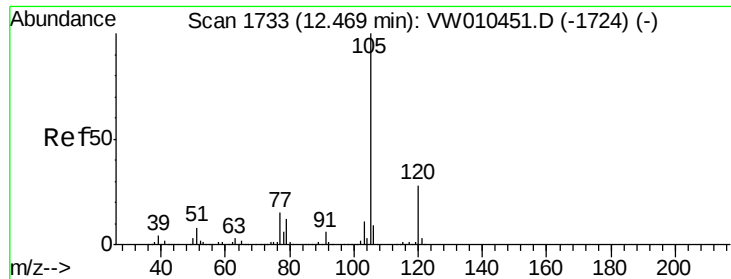


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.186 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

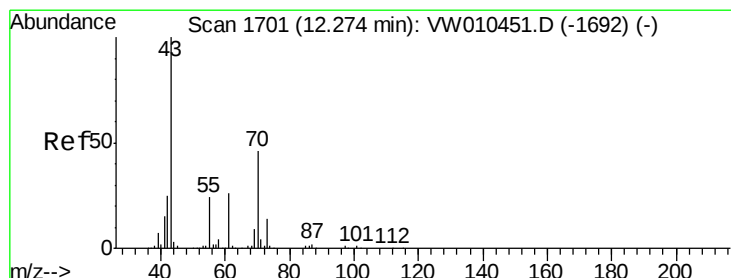
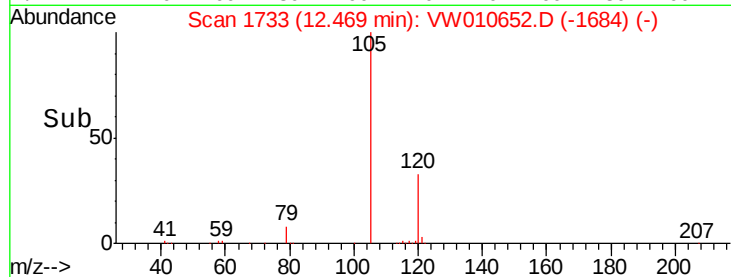
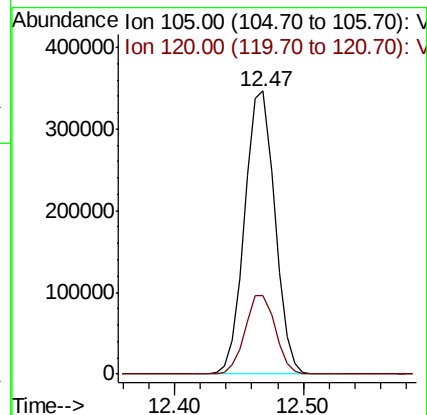
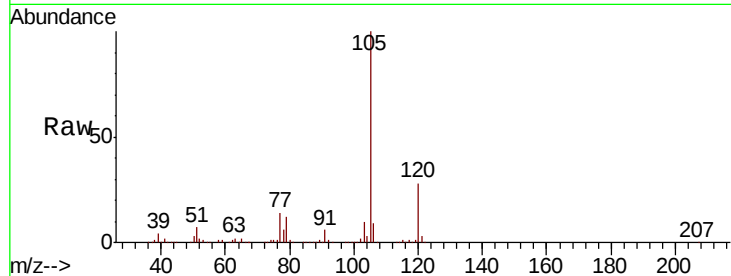
ClientSampleId :

Tot Ion:105 Resp: 559855

Ion Ratio Lower Upper

105 100

120 28.1 13.9 41.7



#74

N-ethyl acetate

Concen: 42.317 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion: 43 Resp: 102076

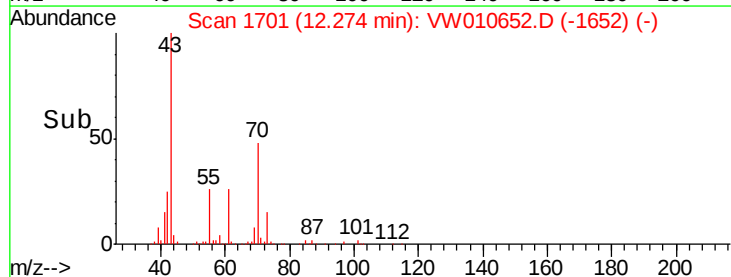
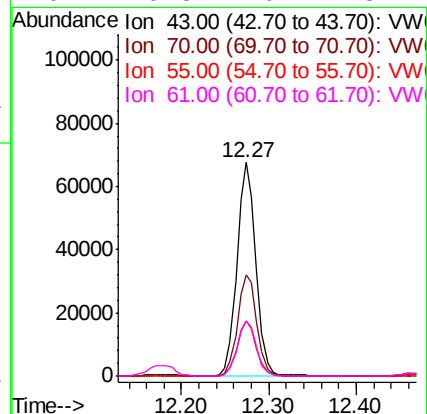
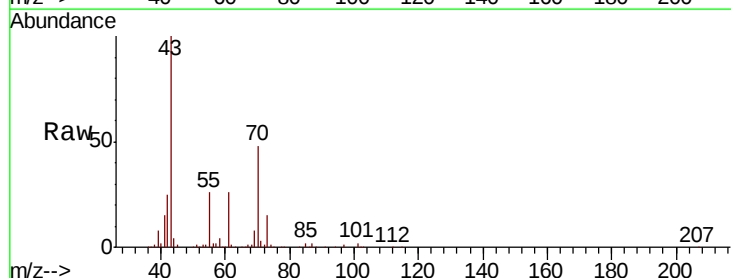
Ion Ratio Lower Upper

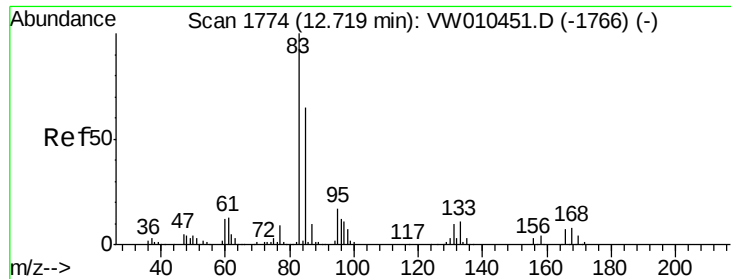
43 100

70 48.1 37.1 55.7

55 25.7 19.6 29.4

61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.975 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

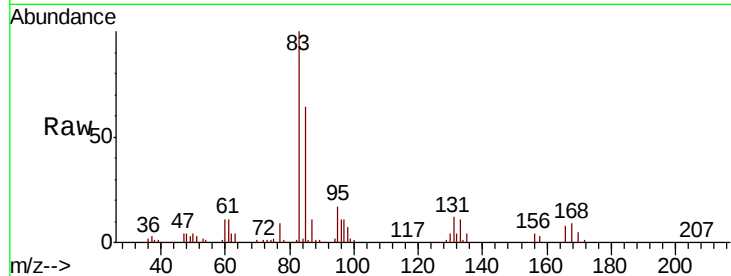
Tot Ion: 83 Resp: 88025

Ion Ratio Lower Upper

83 100

131 12.3 5.6 16.8

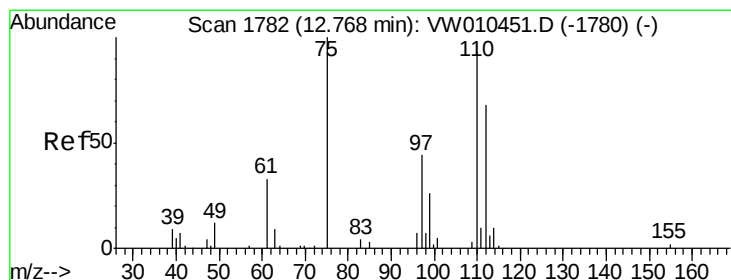
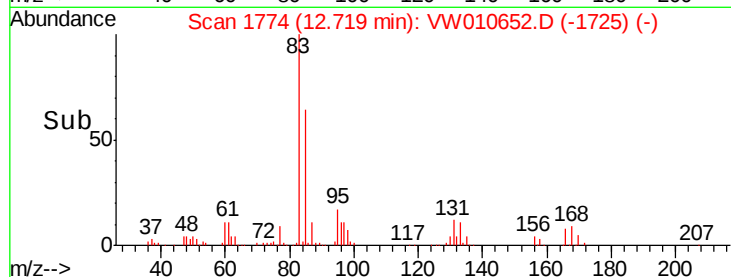
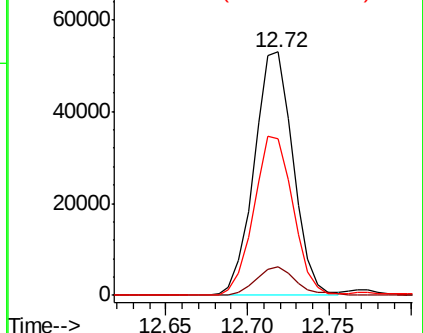
85 66.1 32.4 97.0



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: 83.554 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010652.D

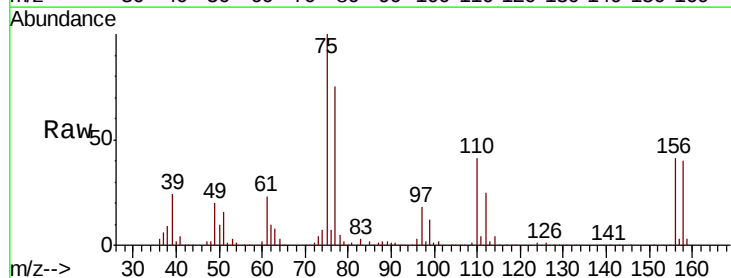
Acq: 03 Jun 2019 11:36

Tgt Ion: 75 Resp: 112506

Ion Ratio Lower Upper

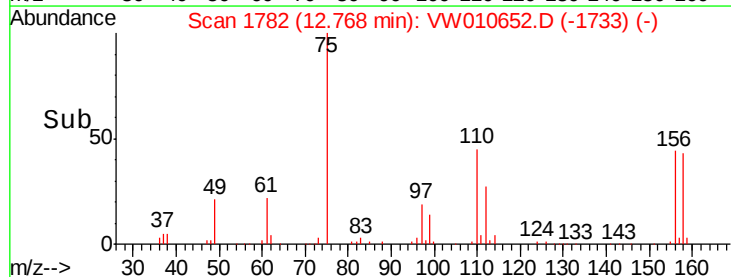
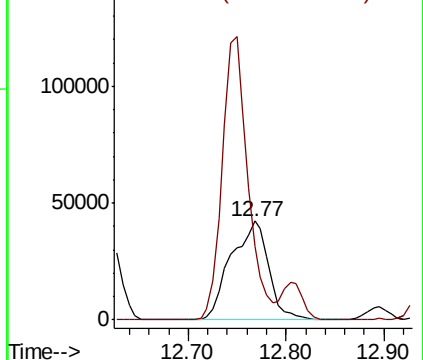
75 100

77 196.6 170.0 510.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 56.487 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

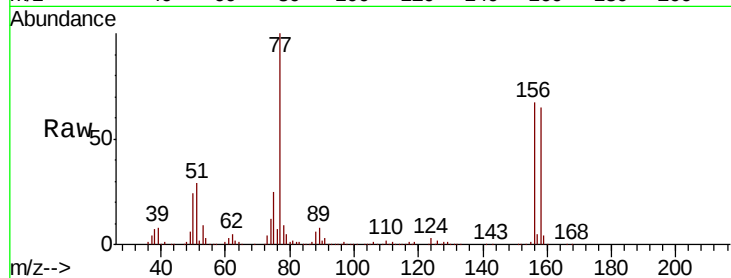
Tot Ion:156 Resp: 133063

Ion Ratio Lower Upper

156 100

77 166.2 92.4 277.2

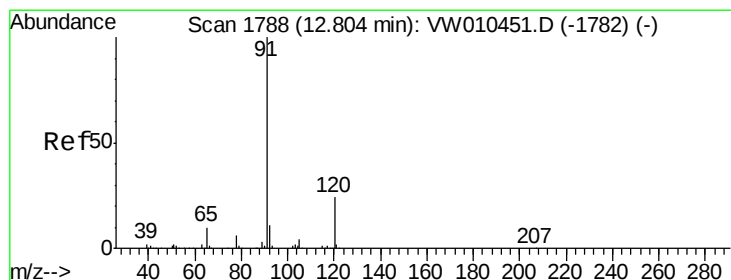
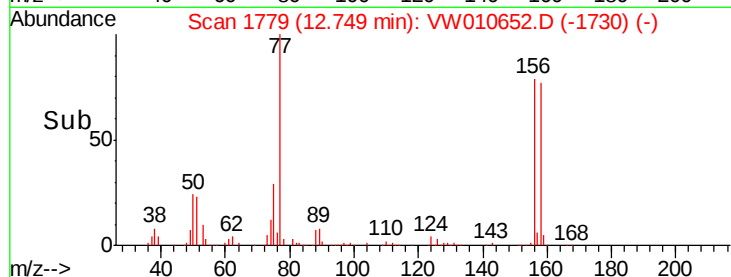
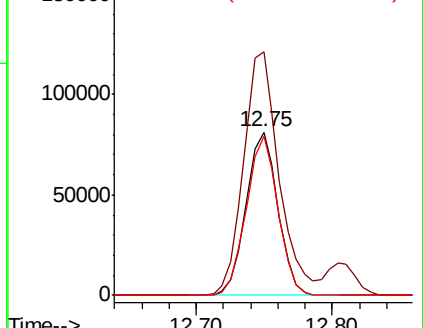
158 96.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.292 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010652.D

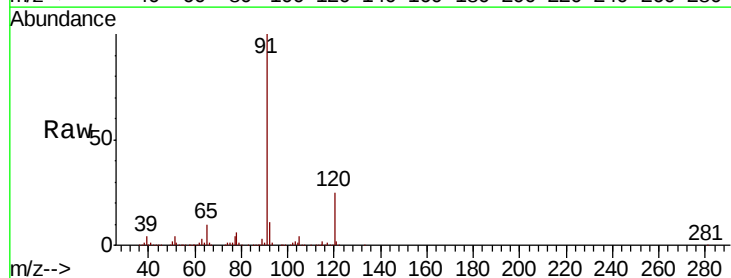
Acq: 03 Jun 2019 11:36

Tgt Ion: 91 Resp: 641485

Ion Ratio Lower Upper

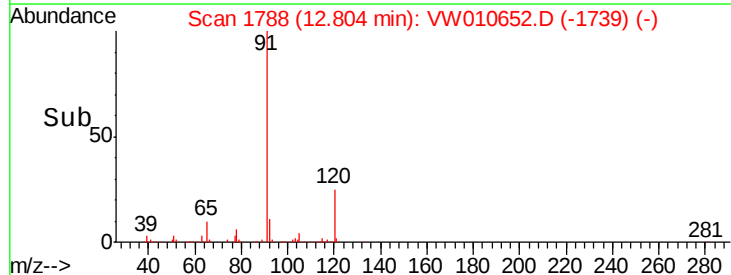
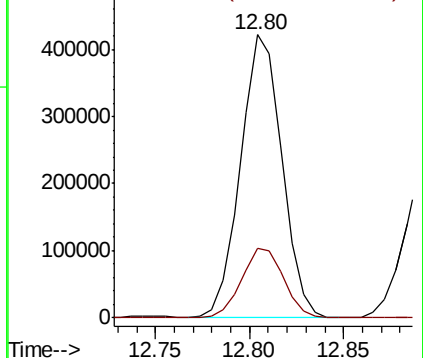
91 100

120 25.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

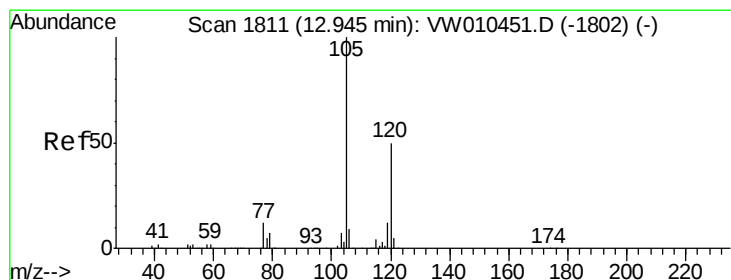
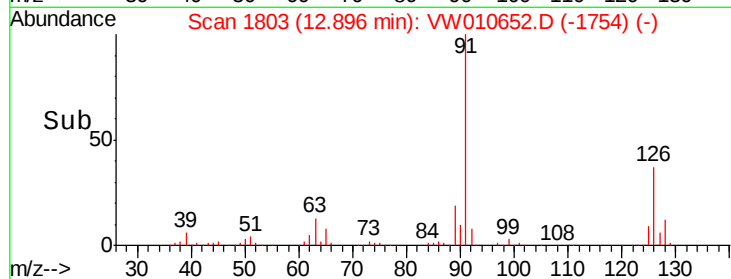
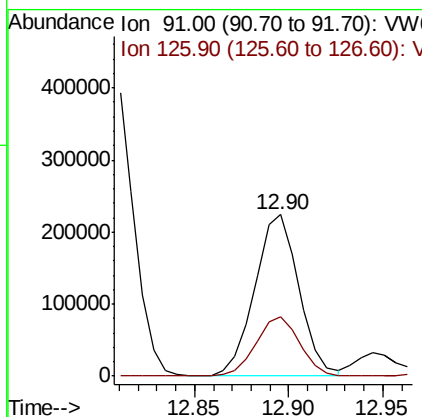
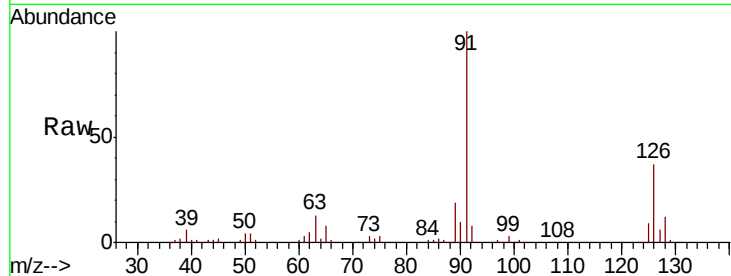




#79
2-Chlorotoluene
Concen: 51.211 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

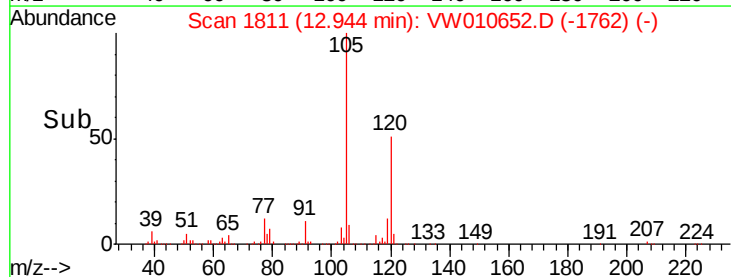
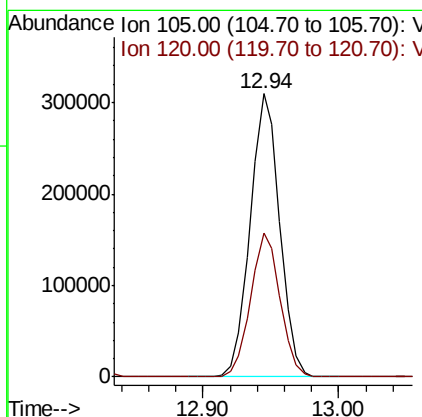
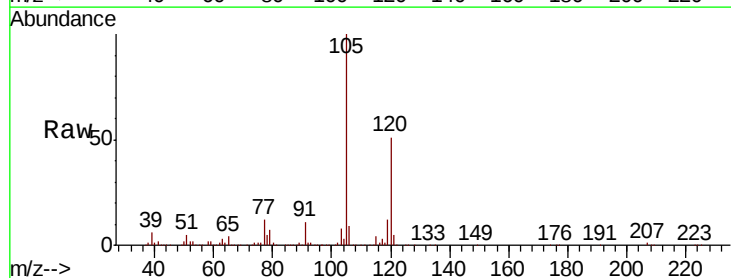
Instrument :
MSVOA_W
ClientSampled :

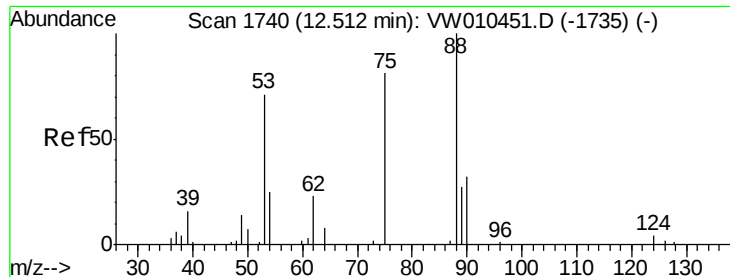
Tot Ion: 91 Resp: 364317
Ion Ratio Lower Upper
91 100
126 36.5 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 52.802 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion:105 Resp: 470742
Ion Ratio Lower Upper
105 100
120 50.8 25.2 75.6

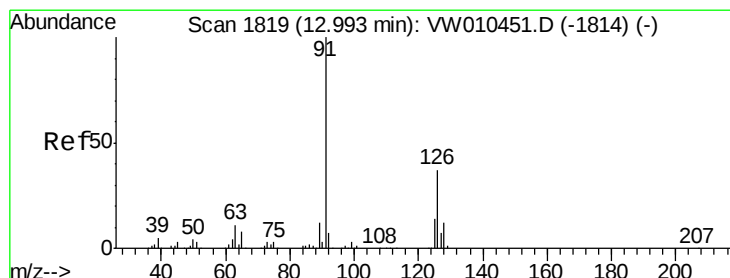
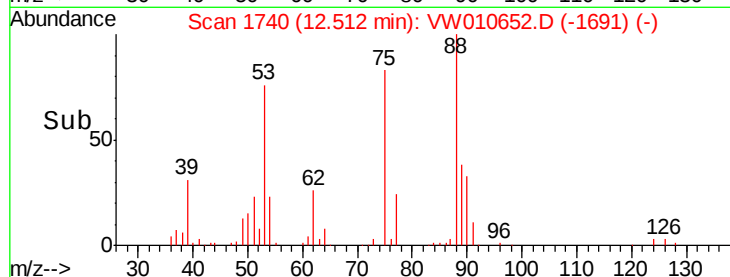
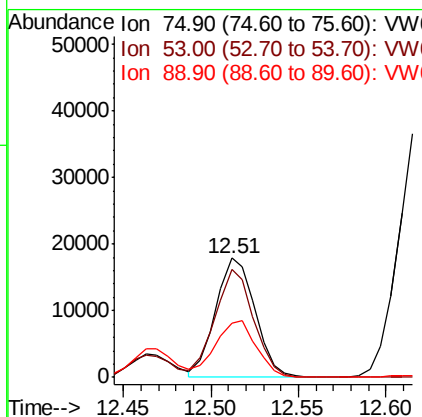
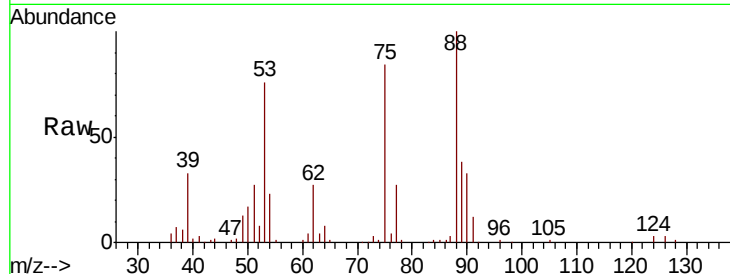




#81
trans-1,4-Dichloro-2-butene
Concen: 43.132 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

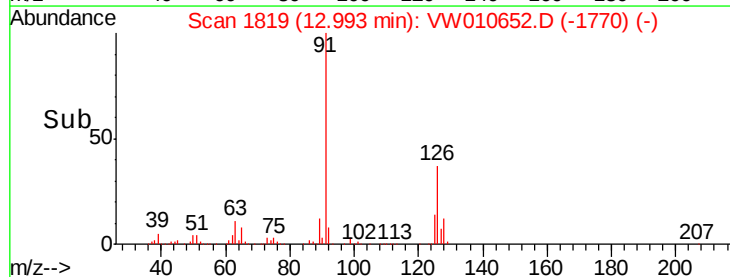
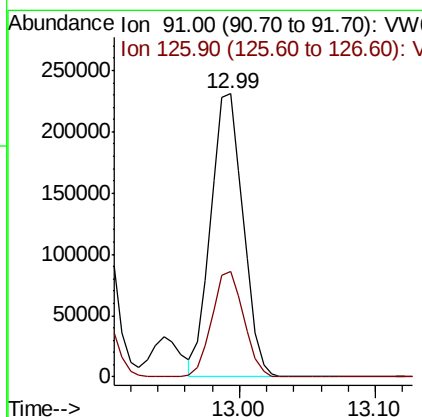
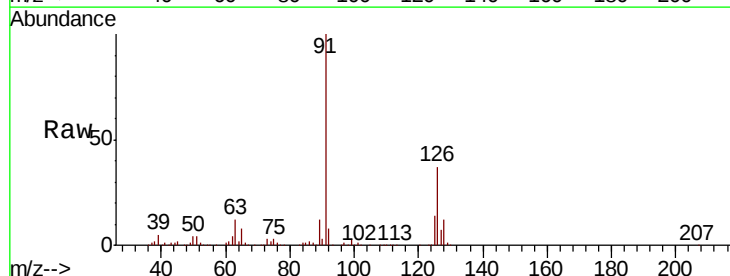
Instrument :
MSVOA_W
ClientSampled :

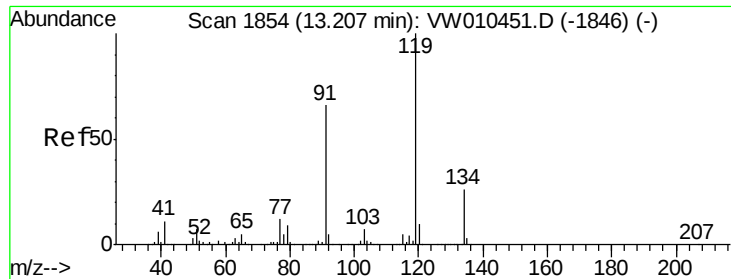
Tot Ion: 75 Resp: 27828
Ion Ratio Lower Upper
75 100
53 88.6 69.8 104.8
89 49.6 39.5 59.3



#82
4-Chlorotoluene
Concen: 51.440 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 91 Resp: 379836
Ion Ratio Lower Upper
91 100
126 36.9 17.5 52.6

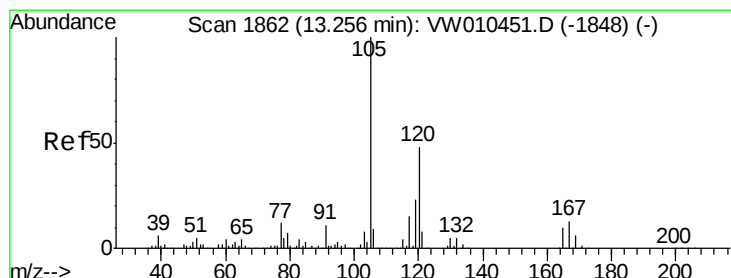
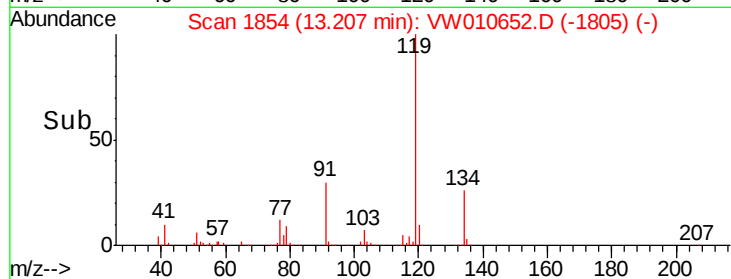
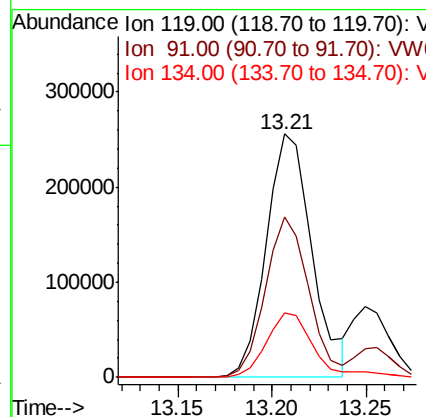
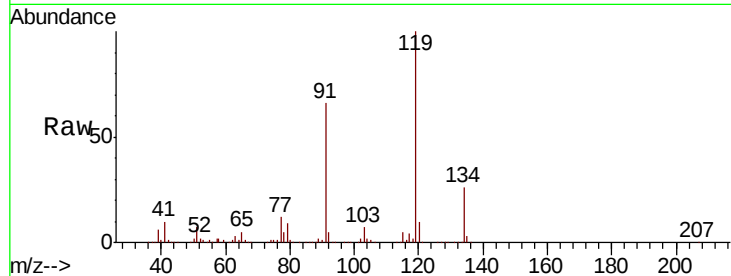




#83
tert-Butylbenzene
Concen: 55.304 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

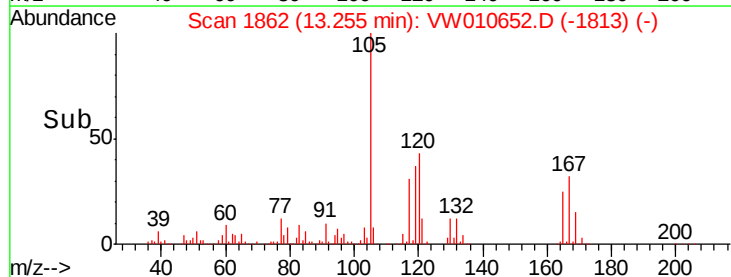
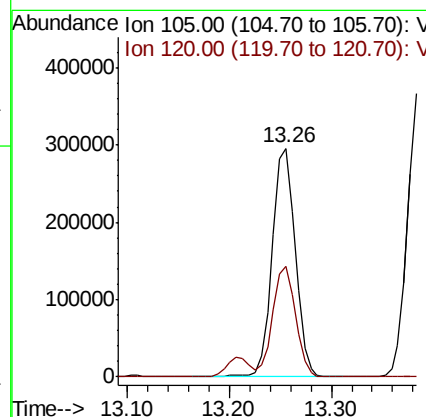
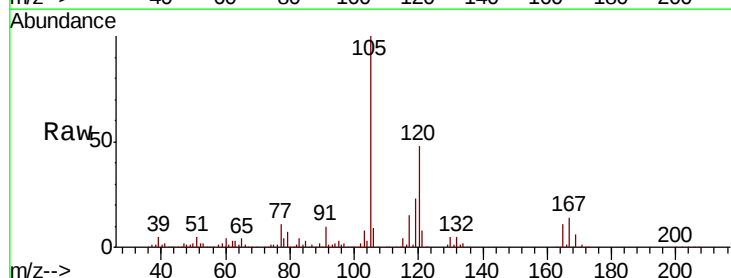
Instrument :
MSVOA_W
ClientSampled :

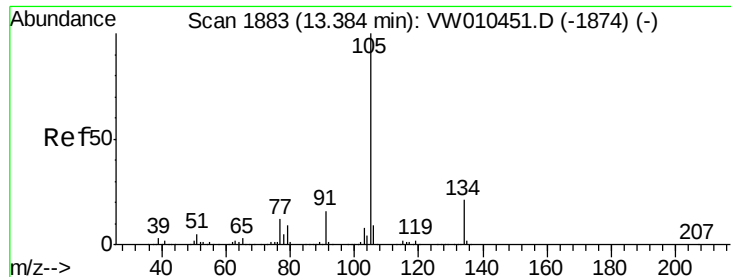
Tot Ion:119 Resp: 430678
Ion Ratio Lower Upper
119 100
91 62.5 33.1 99.5
134 27.6 13.9 41.6



#84
1,2,4-Trimethylbenzene
Concen: 52.147 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion:105 Resp: 463028
Ion Ratio Lower Upper
105 100
120 47.9 23.4 70.2





#85

sec-Butylbenzene

Concen: 53.210 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

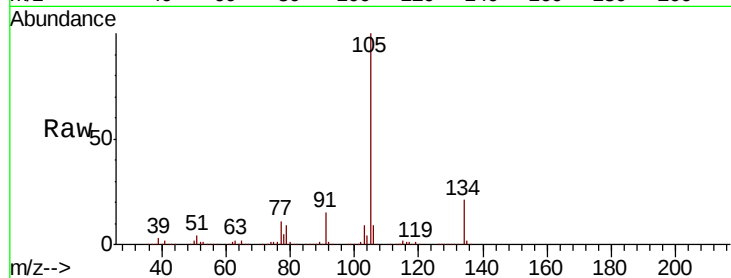
ClientSampleId :

Tot Ion:105 Resp: 579886

Ion Ratio Lower Upper

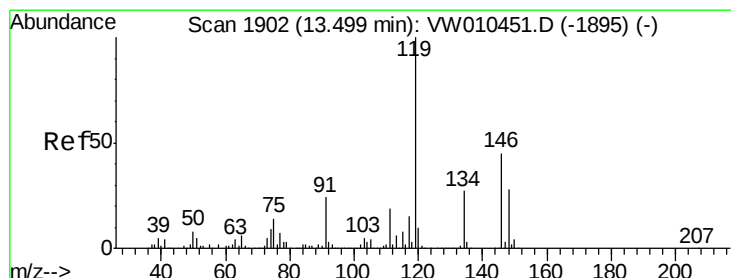
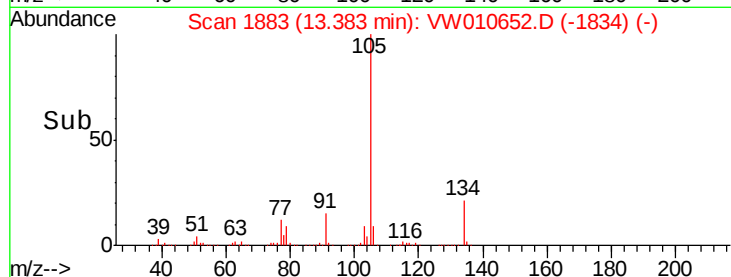
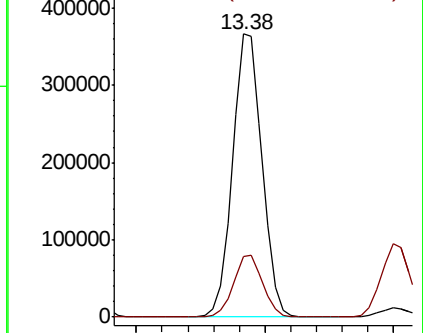
105 100

134 21.6 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.838 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

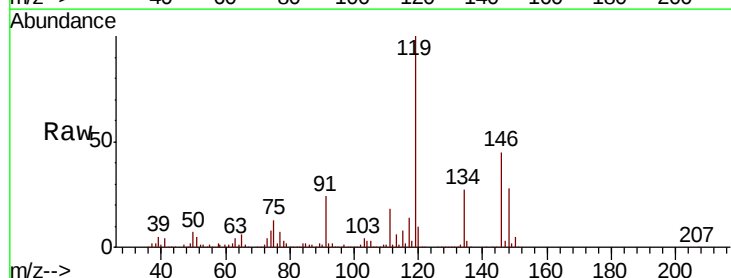
Tgt Ion:119 Resp: 531076

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.7

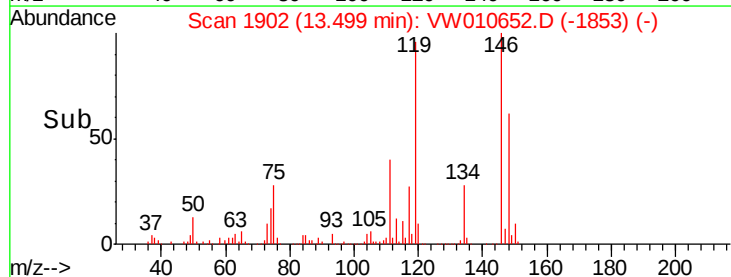
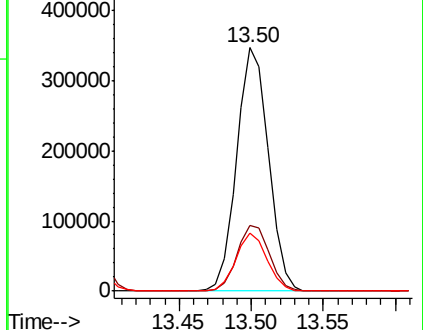
91 23.3 11.9 35.7

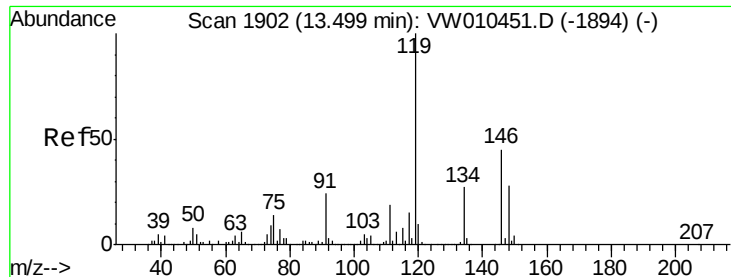


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.741 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

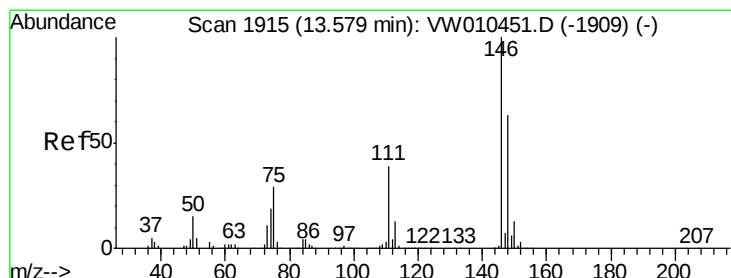
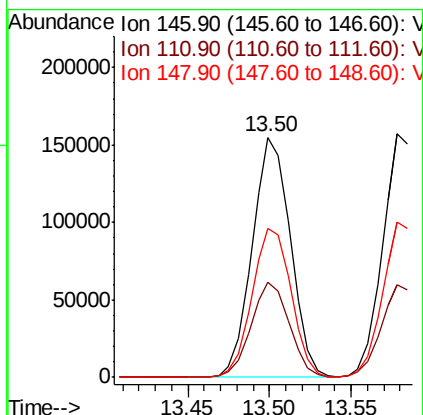
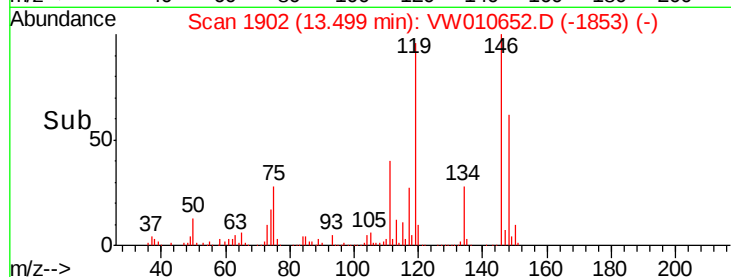
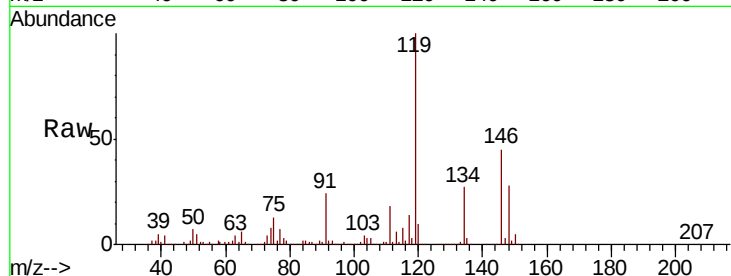
Tot Ion:146 Resp: 252990

Ion Ratio Lower Upper

146 100

111 39.6 20.3 60.9

148 63.4 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 55.008 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

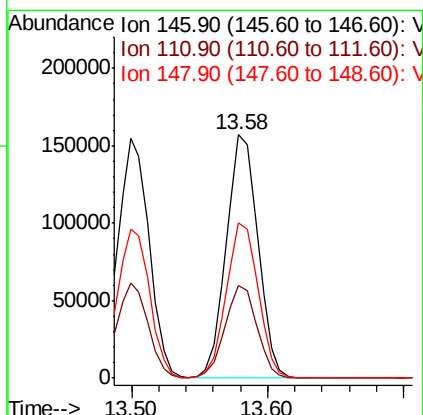
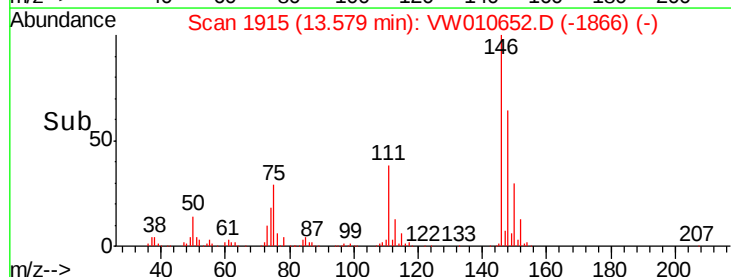
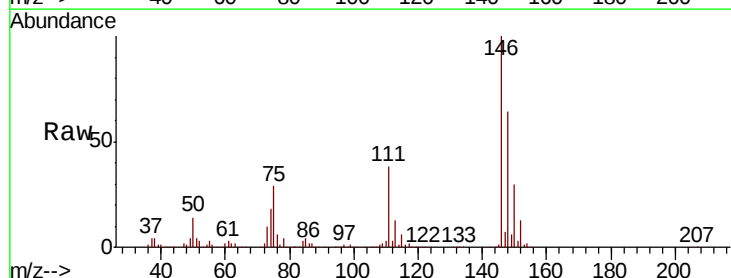
Tgt Ion:146 Resp: 255070

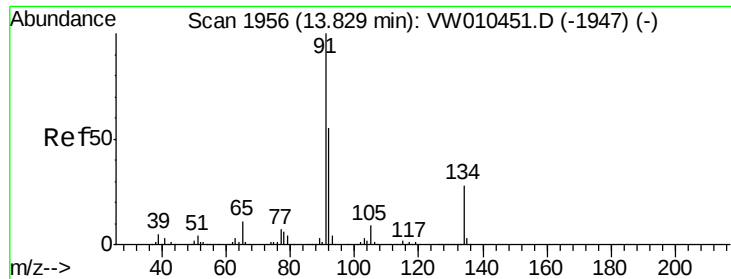
Ion Ratio Lower Upper

146 100

111 38.2 19.9 59.6

148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 52.311 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

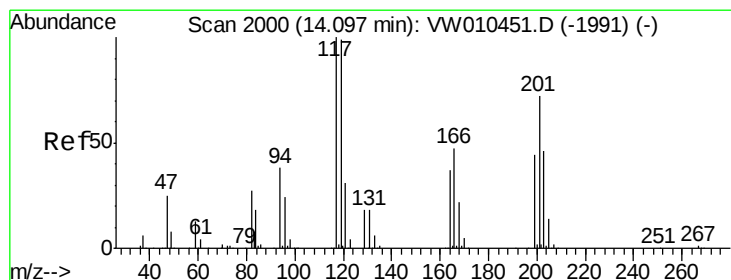
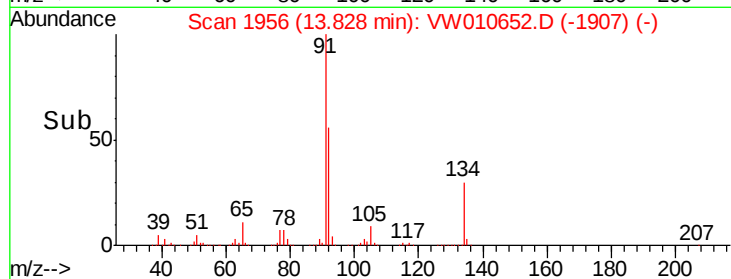
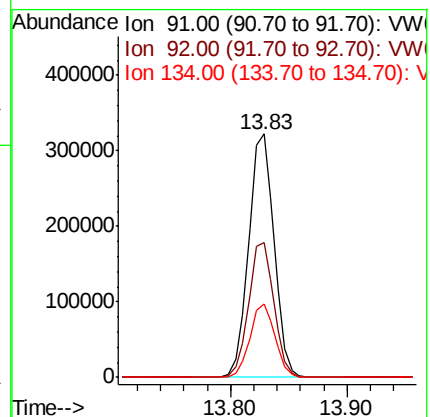
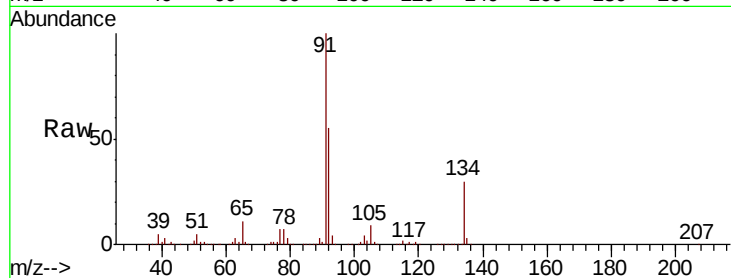
Tot Ion: 91 Resp: 490817

Ion Ratio Lower Upper

91 100

92 55.3 27.7 83.1

134 29.7 13.9 41.6



#90

Hexachloroethane

Concen: 53.956 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010652.D

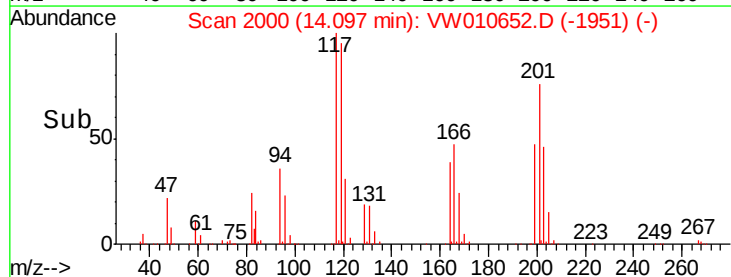
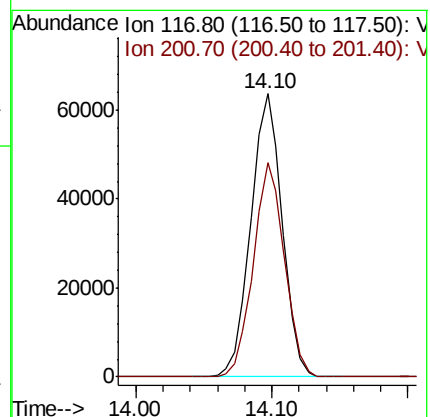
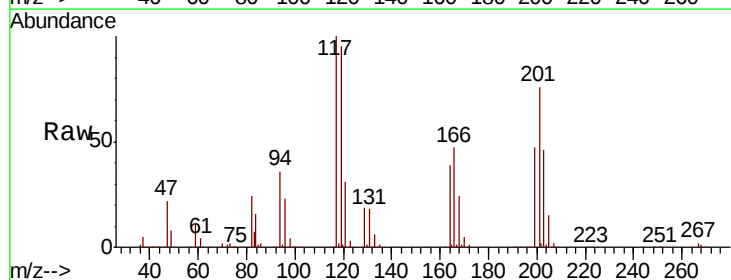
Acq: 03 Jun 2019 11:36

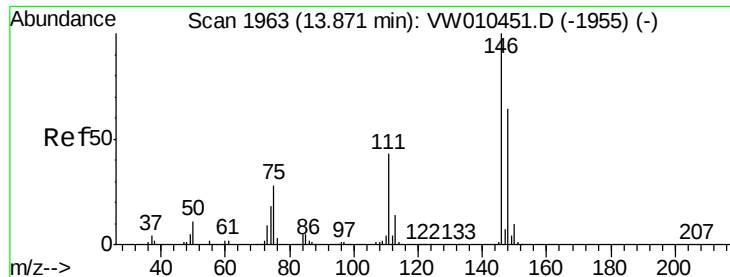
Tgt Ion: 117 Resp: 103019

Ion Ratio Lower Upper

117 100

201 75.2 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 54.752 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

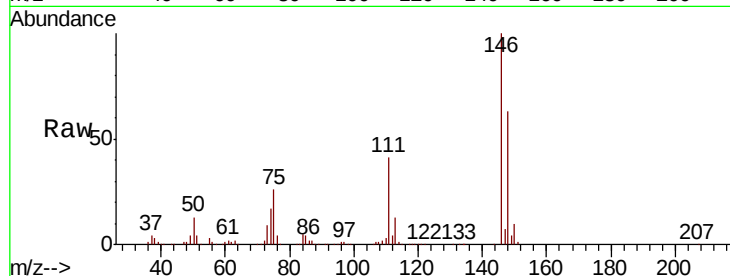
Tot Ion:146 Resp: 230559

Ion Ratio Lower Upper

146 100

111 41.4 21.3 64.0

148 64.2 32.0 96.0

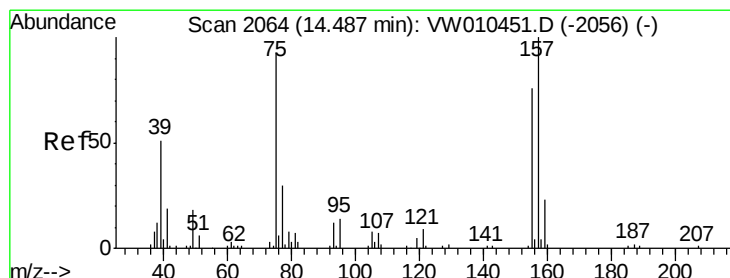
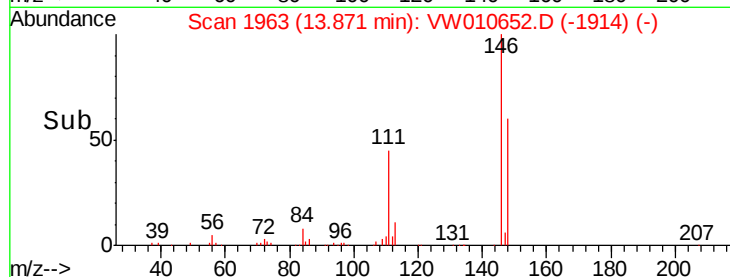
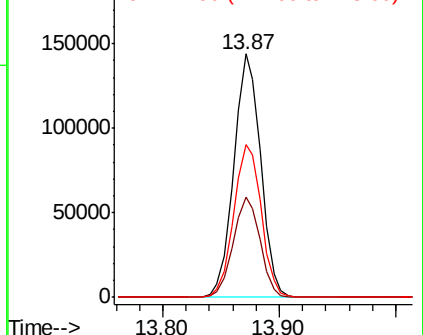


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.406 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

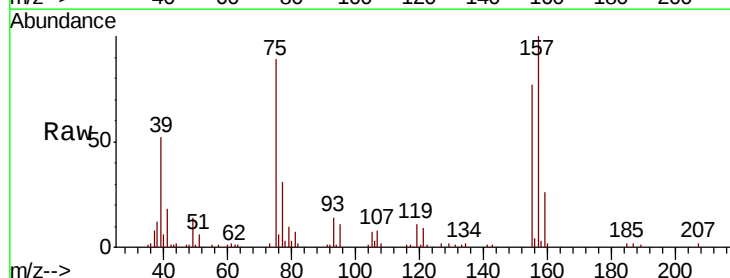
Tgt Ion: 75 Resp: 15453

Ion Ratio Lower Upper

75 100

155 92.4 43.0 129.0

157 119.8 55.7 167.1

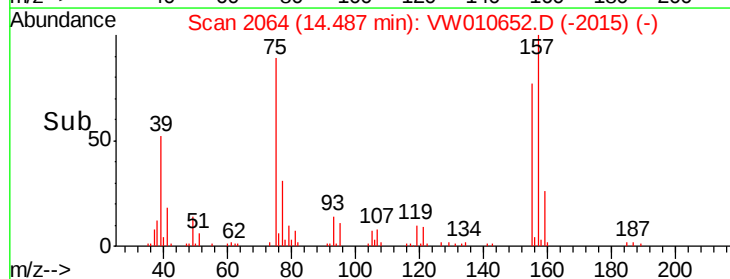
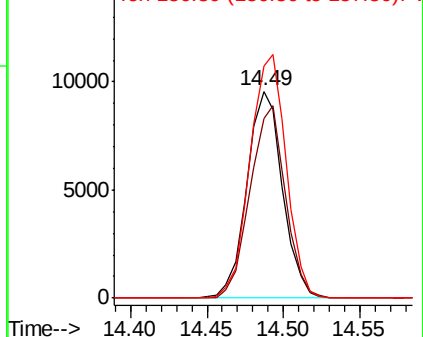


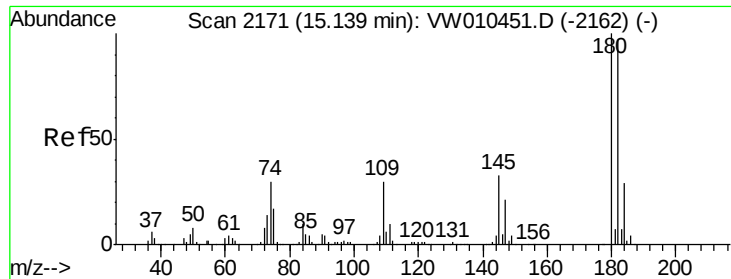
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

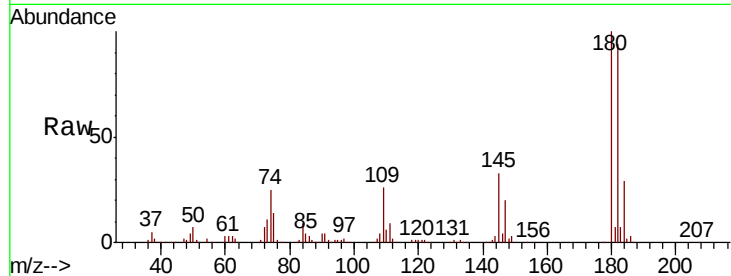




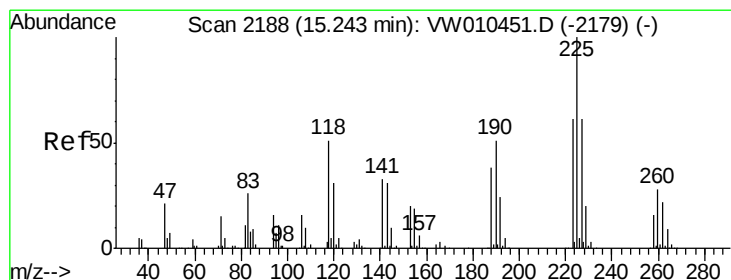
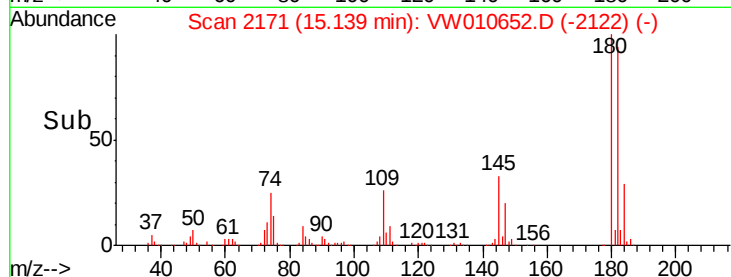
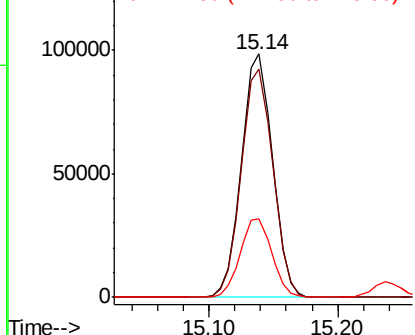
#93
 1,2,4-Trichlorobenzene
 Concen: 57.365 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.0	141.2
145	32.9	16.7	50.0

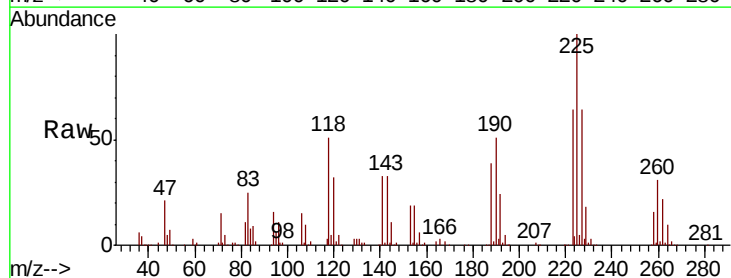


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

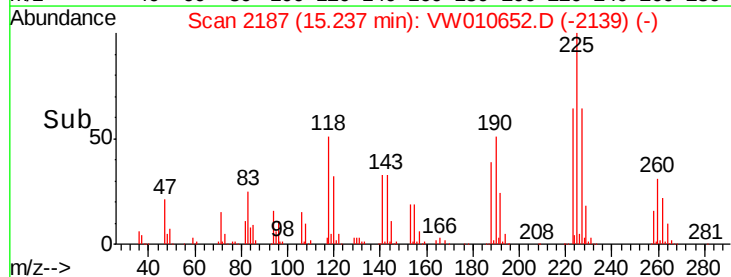
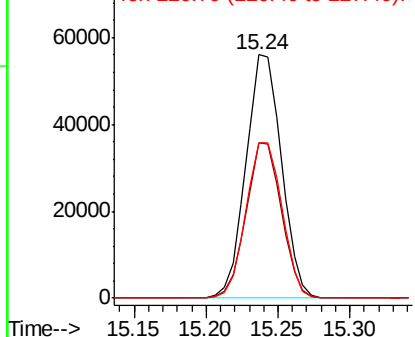


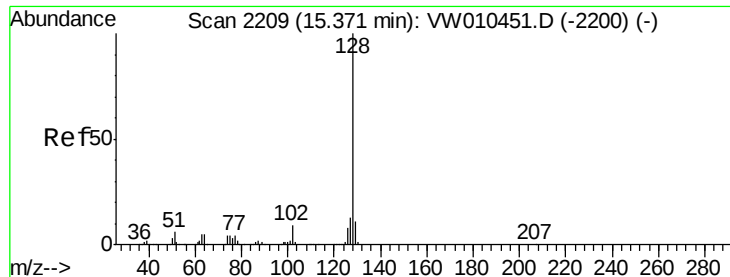
#94
 Hexachlorobutadiene
 Concen: 62.466 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.2
227	64.9	31.1	93.5



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

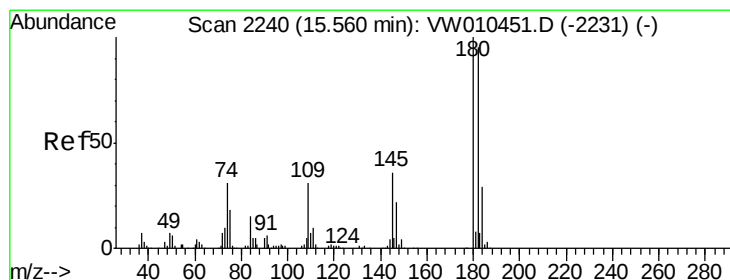
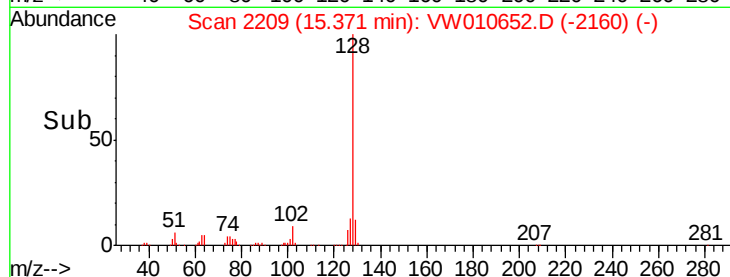
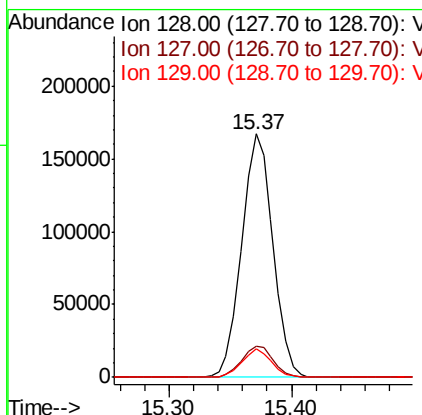
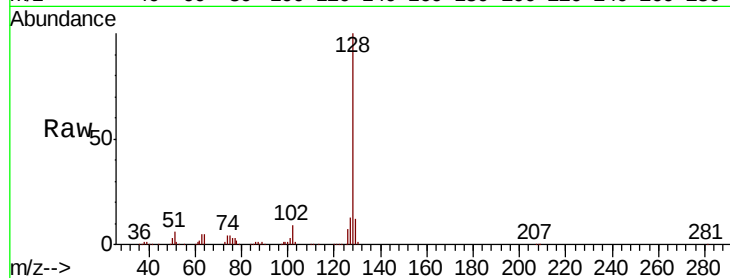




#95
Naphthalene
Concen: 49.179 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 295779
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 57.289 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion:180 Resp: 141238
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.3
145 34.0 17.4 52.3

