

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010672.D
 Acq On : 03 Jun 2019 21:28
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 07:41:21 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	160264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	262327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118153	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	78937	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.44%		
35) Dibromofluoromethane	7.88	113	83282	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.64%		
50) Toluene-d8	10.32	98	302909	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.62%		
62) 4-Bromofluorobenzene	12.62	95	121036	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	63595	44.511	ug/l	97
3) Chloromethane	2.21	50	70242	41.715	ug/l	100
4) Vinyl Chloride	2.36	62	79471	40.745	ug/l	98
5) Bromomethane	2.75	94	59293	44.189	ug/l	99
6) Chloroethane	2.90	64	57679	46.067	ug/l	99
7) Trichlorofluoromethane	3.25	101	146160	50.757	ug/l	98
8) Diethyl Ether	3.68	74	49951	54.723	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91257	51.460	ug/l	95
10) Methyl Iodide	4.27	142	102319	50.480	ug/l	96
11) Tert butyl alcohol	5.17	59	40734	273.762	ug/l	100
12) 1,1-Dichloroethene	4.03	96	86175	50.907	ug/l	95
13) Acrolein	3.89	56	19179	218.388	ug/l	97
14) Allyl chloride	4.67	41	121656	49.649	ug/l	99
15) Acrylonitrile	5.37	53	103397	270.473	ug/l	99
16) Acetone	4.12	43	94055	278.551	ug/l	96
17) Carbon Disulfide	4.38	76	219059	43.385	ug/l	100
18) Methyl Acetate	4.67	43	46518	56.330	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	240201	55.660	ug/l	98
20) Methylene Chloride	4.92	84	95518	48.010	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	100263	51.637	ug/l	95
22) Diisopropyl ether	6.31	45	265257	52.794	ug/l	98
23) Vinyl Acetate	6.26	43	788267	262.646	ug/l	100
24) 1,1-Dichloroethane	6.21	63	161369	53.820	ug/l	99
25) 2-Butanone	7.17	43	136732	282.960	ug/l	98
26) 2,2-Dichloropropane	7.17	77	135692	47.511	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	116770	55.316	ug/l	96
28) Bromochloromethane	7.51	49	55033	51.265	ug/l	89
29) Tetrahydrofuran	7.52	42	87048	266.215	ug/l	97
30) Chloroform	7.68	83	176866	54.688	ug/l	99
31) Cyclohexane	7.95	56	142224	45.284	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	162288	52.502	ug/l	98
36) 1,1-Dichloropropene	8.08	75	130417	53.369	ug/l	99
37) Ethyl Acetate	7.25	43	59484	57.241	ug/l	98
38) Carbon Tetrachloride	8.07	117	143792	54.547	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170892	52.197	ug/l	97
40) Benzene	8.32	78	382511	56.317	ug/l	98
41) Methacrylonitrile	7.48	41	33960	55.000	ug/l	97
42) 1,2-Dichloroethane	8.40	62	110984	57.171	ug/l	98
43) Isopropyl Acetate	8.43	43	116183	55.964	ug/l	99
44) Trichloroethene	9.09	130	119208	59.118	ug/l	96
45) 1,2-Dichloropropane	9.37	63	92606	57.408	ug/l	96
46) Dibromomethane	9.46	93	56717	60.121	ug/l	93
47) Bromodichloromethane	9.65	83	136346	57.513	ug/l	99
48) Methyl methacrylate	9.44	41	51144	53.849	ug/l	94
49) 1,4-Dioxane	9.45	88	19582	1270.666	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	300680	285.822	ug/l	99
52) Toluene	10.39	92	261309	57.287	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	132935	55.366	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	156510	57.077	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	81509	60.083	ug/l	98
56) Ethyl methacrylate	10.65	69	106254	56.791	ug/l	98
57) 1,3-Dichloropropane	10.93	76	135097	59.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	212011	255.832	ug/l	96
59) 2-Hexanone	10.97	43	212267	282.860	ug/l	99
60) Dibromochloromethane	11.13	129	103765	60.437	ug/l	99
61) 1,2-Dibromoethane	11.24	107	82671	60.159	ug/l	99
64) Tetrachloroethene	10.86	164	108489	65.763	ug/l	96
65) Chlorobenzene	11.66	112	295669	58.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108841	60.242	ug/l	99
67) Ethyl Benzene	11.73	91	492908	55.354	ug/l	97
68) m/p-Xylenes	11.84	106	390105	111.692	ug/l	98
69) o-Xylene	12.16	106	186236	56.279	ug/l	98
70) Styrene	12.18	104	320698	57.118	ug/l	98
71) Bromoform	12.35	173	59675	59.979	ug/l #	98
73) Isopropylbenzene	12.47	105	505026	53.865	ug/l	100
74) N-amyl acetate	12.27	43	109689	51.053	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	94694	55.528	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	116032	96.748	ug/l #	1
77) Bromobenzene	12.75	156	127839	60.930	ug/l	92
78) n-propylbenzene	12.80	91	564177	51.634	ug/l	99
79) 2-Chlorotoluene	12.90	91	335889	53.009	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	422796	53.244	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28987	50.442	ug/l	98
82) 4-Chlorotoluene	12.99	91	348235	52.948	ug/l	98
83) tert-Butylbenzene	13.21	119	370068	53.352	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	419172	53.001	ug/l	99
85) sec-Butylbenzene	13.38	105	504246	51.947	ug/l	99
86) p-Isopropyltoluene	13.50	119	462913	52.687	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	232448	56.469	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	234228	56.713	ug/l	98
89) n-Butylbenzene	13.83	91	418634	50.093	ug/l	98
90) Hexachloroethane	14.10	117	90794	53.389	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	217423	57.969	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16084	50.723	ug/l	87

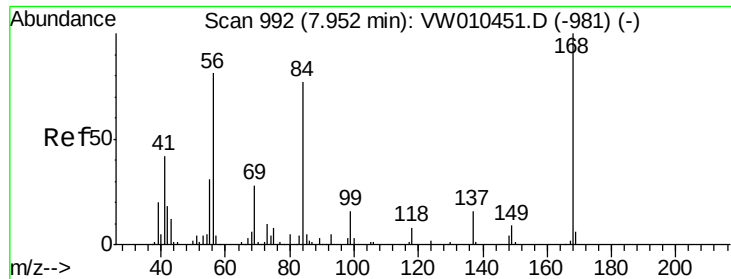
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	156290	61.243	ug/l	99
94) Hexachlorobutadiene	15.24	225	84618	62.068	ug/l	99
95) Naphthalene	15.37	128	320940	59.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	139454	63.508	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: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

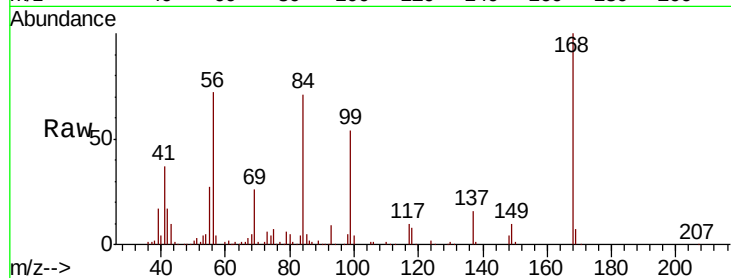
ClientSampleId :

Tot Ion:168 Resp: 160264

Ion Ratio Lower Upper

168 100

99 54.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

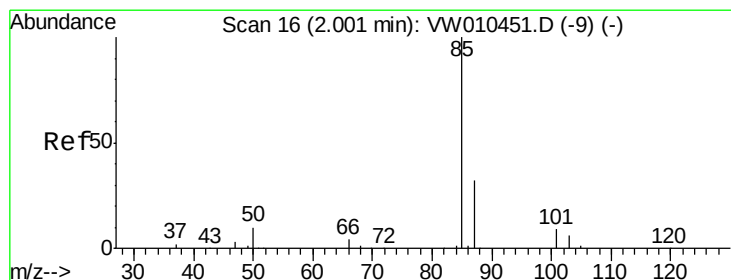
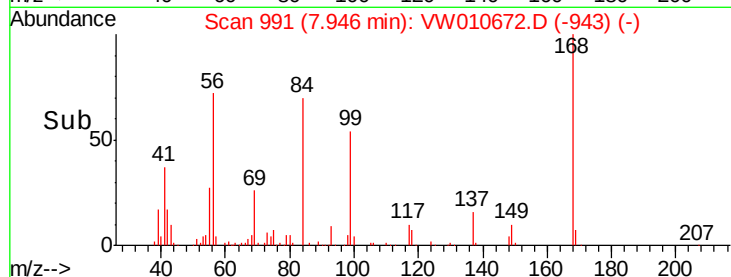
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.511 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010672.D

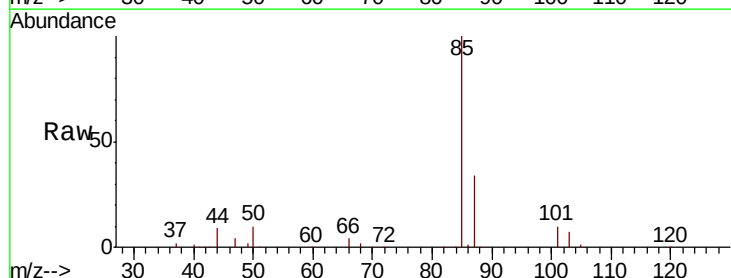
Acq: 03 Jun 2019 21:28

Tgt Ion: 85 Resp: 63595

Ion Ratio Lower Upper

85 100

87 34.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

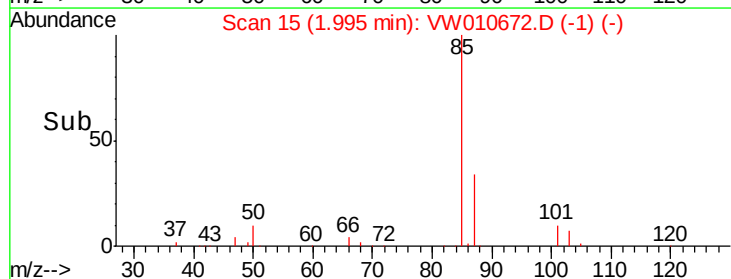
20000

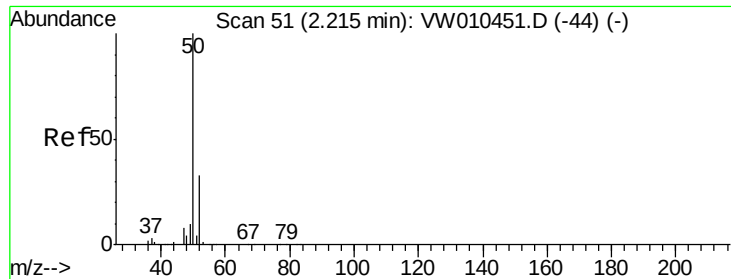
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 41.715 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

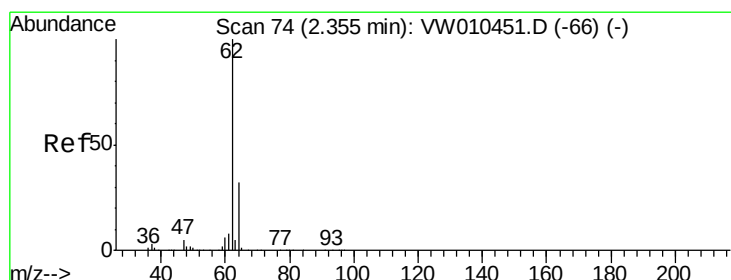
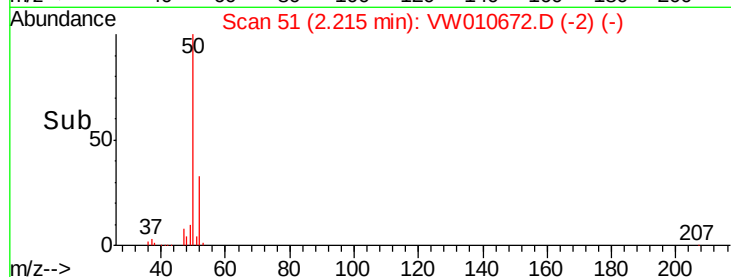
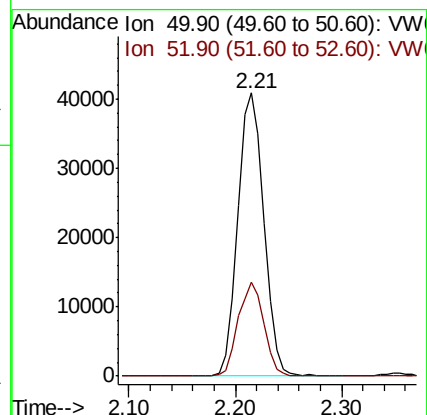
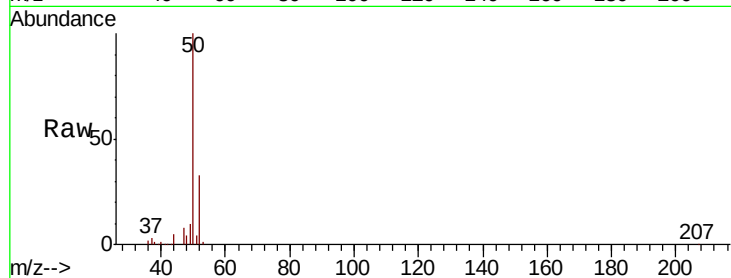
ClientSampleId :

Tot Ion: 50 Resp: 70242

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



#4

Vinyl Chloride

Concen: 40.745 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW010672.D

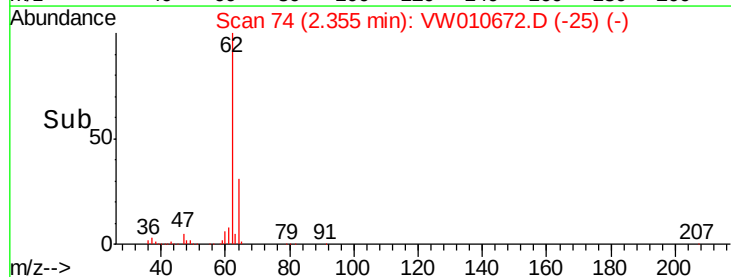
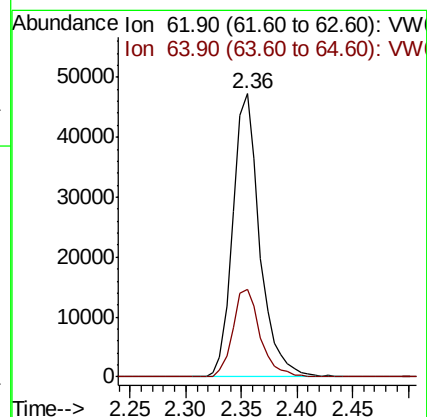
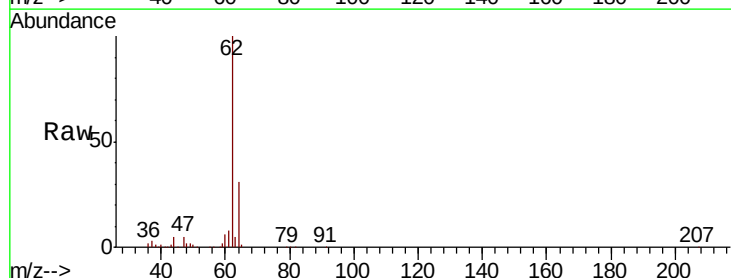
Acq: 03 Jun 2019 21:28

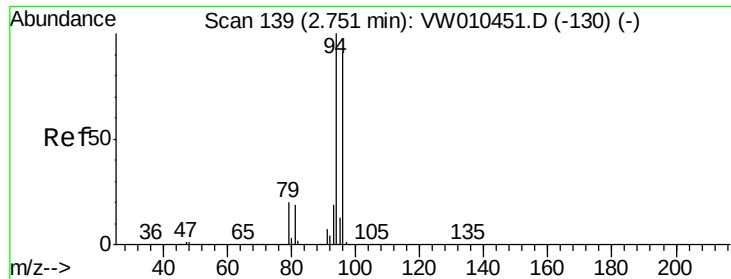
Tgt Ion: 62 Resp: 79471

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8





#5

Bromomethane

Concen: 44.189 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

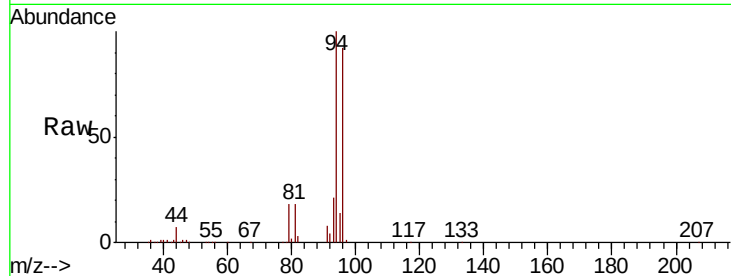
ClientSampleId :

Tot Ion: 94 Resp: 59293

Ion Ratio Lower Upper

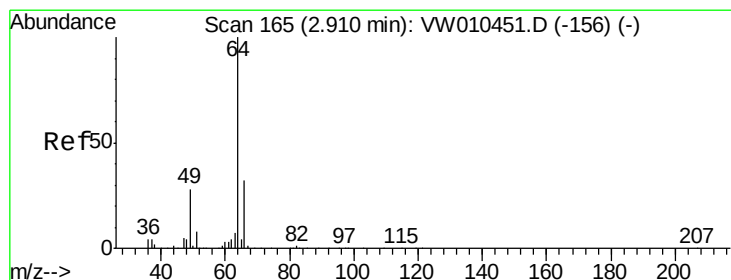
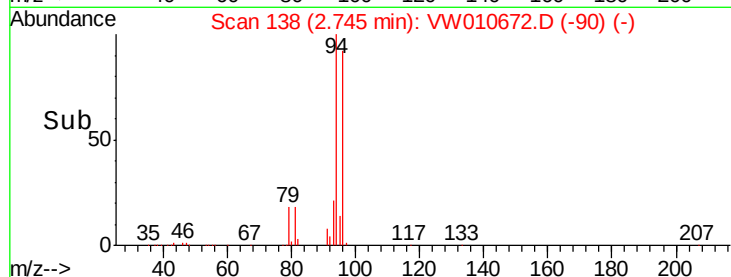
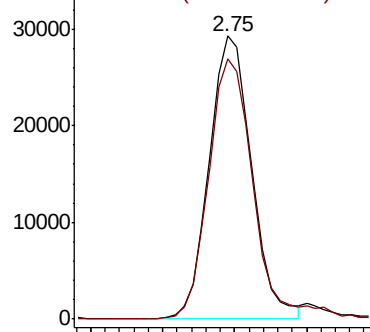
94 100

96 92.0 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: 46.067 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010672.D

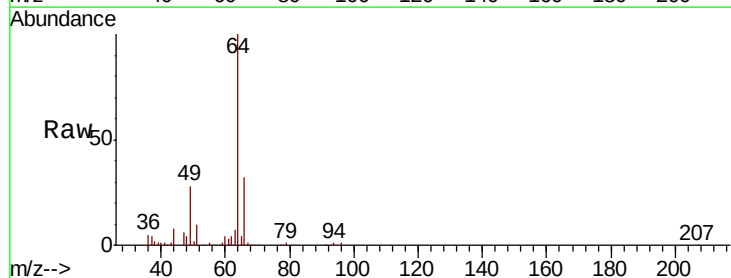
Acq: 03 Jun 2019 21:28

Tgt Ion: 64 Resp: 57679

Ion Ratio Lower Upper

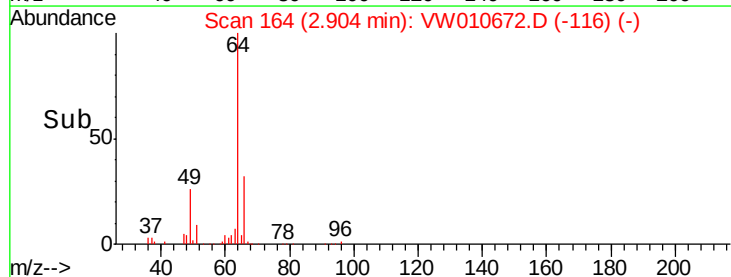
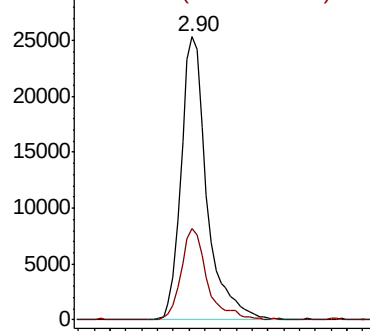
64 100

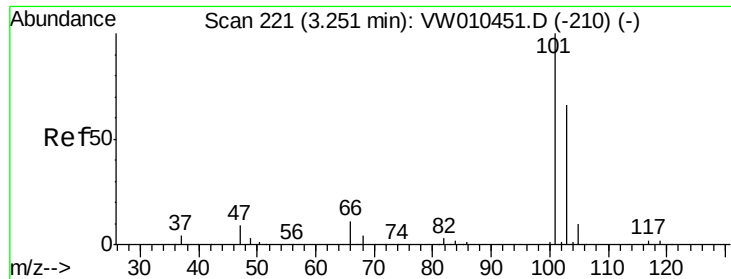
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



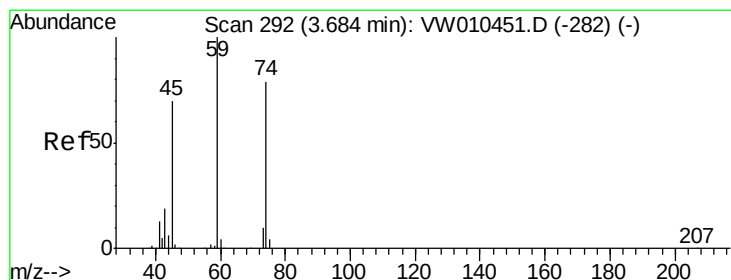
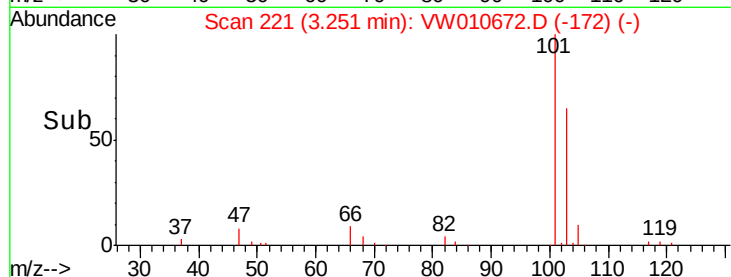
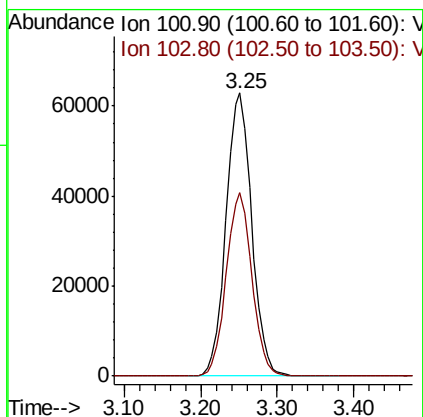
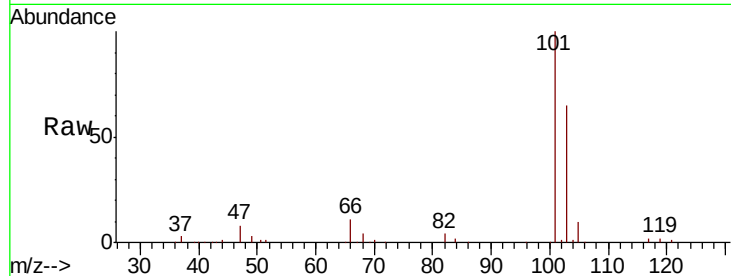


#7

Trichlorofluoromethane
 Concen: 50.757 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Instrument :
 MSVOA_W
 ClientSampled :

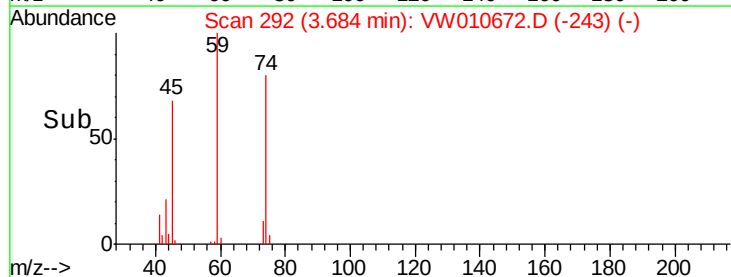
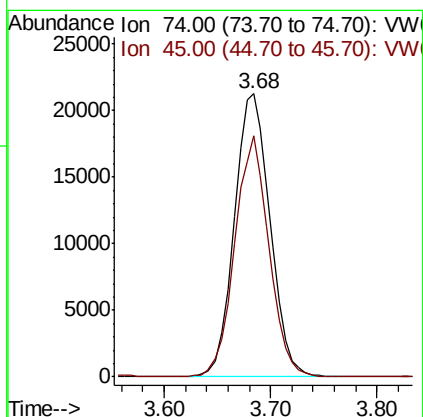
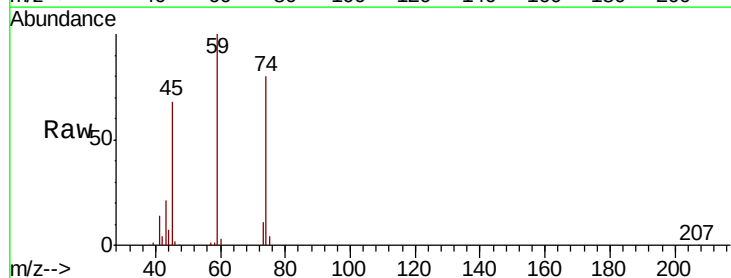
Tot Ion:101 Resp: 146160
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.0 79.4

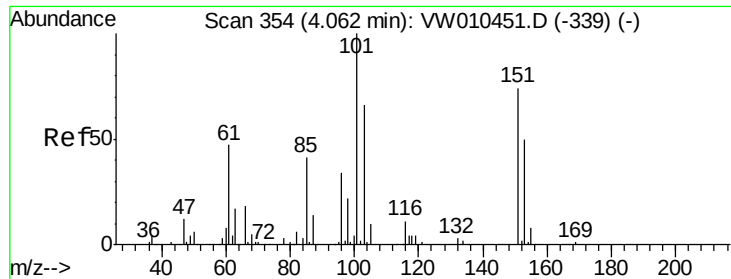


#8

Diethyl Ether
 Concen: 54.723 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Tgt Ion: 74 Resp: 49951
 Ion Ratio Lower Upper
 74 100
 45 81.5 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.460 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

ClientSampleId :

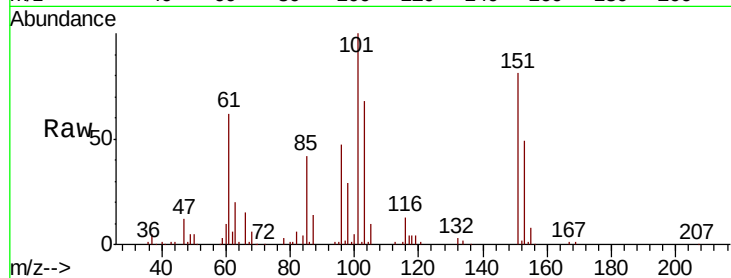
Tot Ion:101 Resp: 91257

Ion Ratio Lower Upper

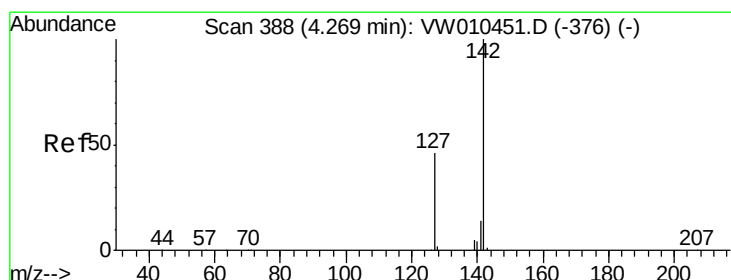
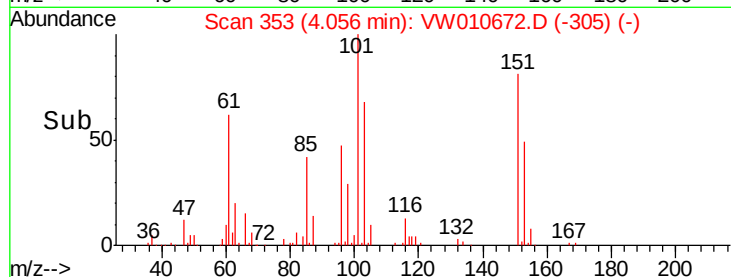
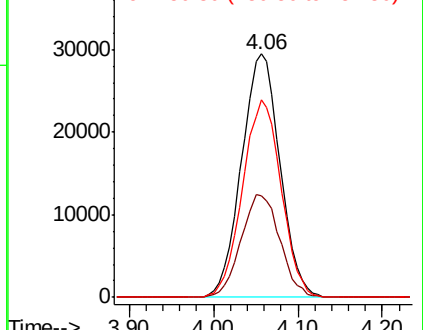
101 100

85 42.5 34.3 51.5

151 81.7 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: 50.480 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

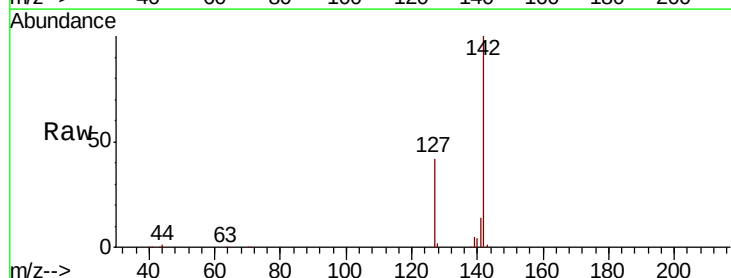
Tgt Ion:142 Resp: 102319

Ion Ratio Lower Upper

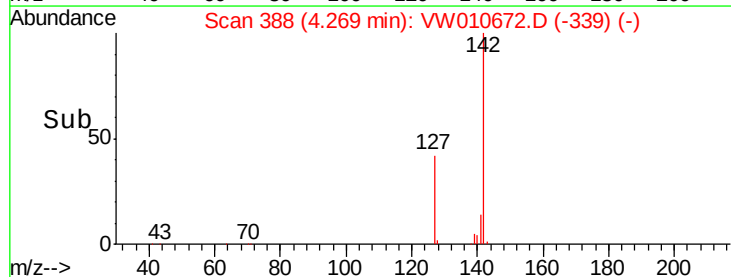
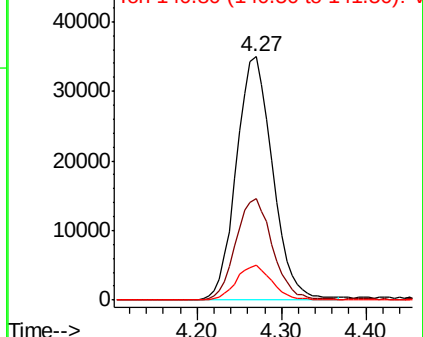
142 100

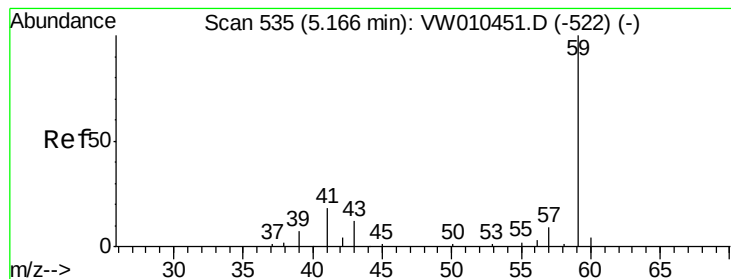
127 42.2 36.1 54.1

141 13.9 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



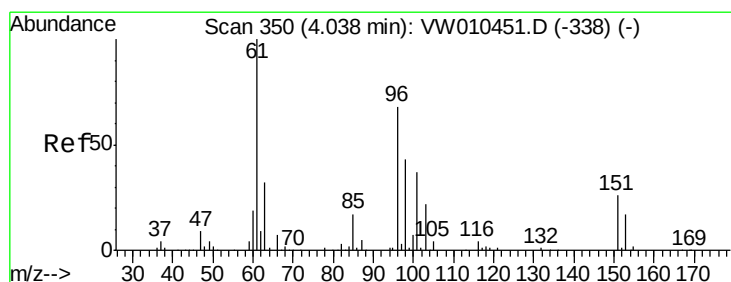
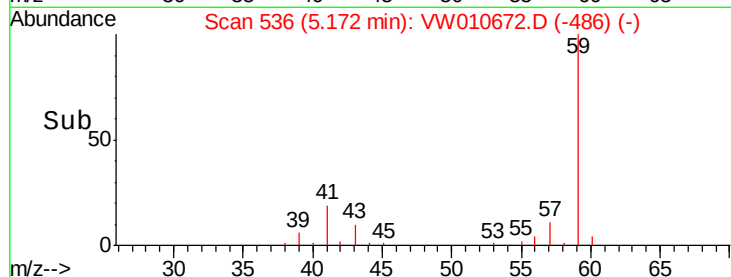
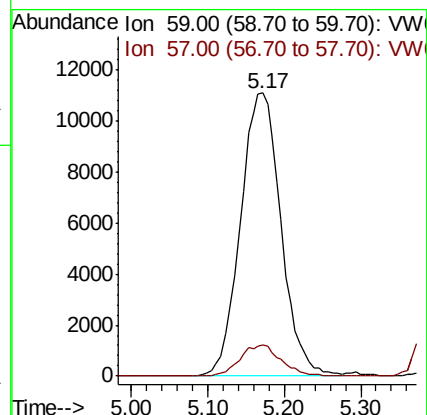
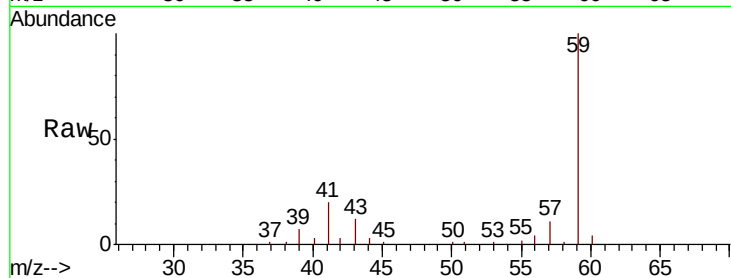


#11

Tert butyl alcohol
Concen: 273.762 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Instrument :
MSVOA_W
ClientSampleId :

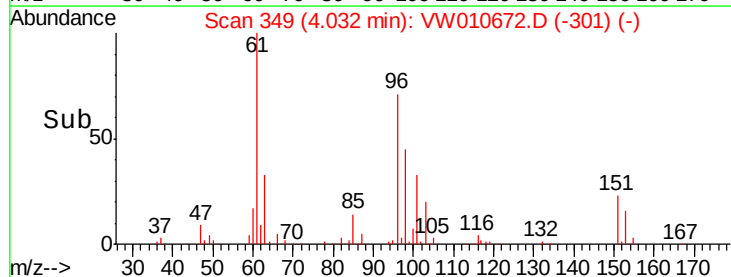
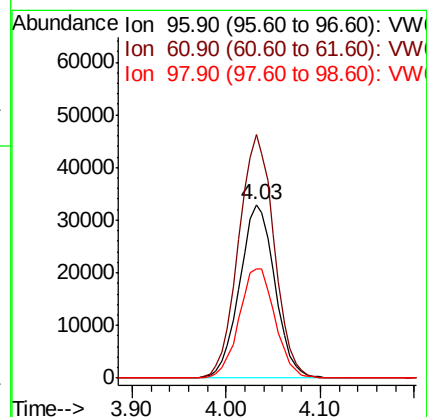
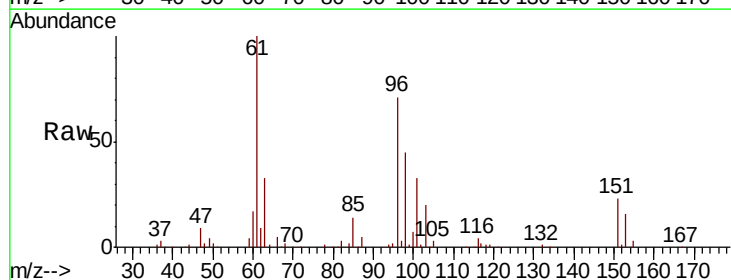
Tot Ion: 59 Resp: 40734
Ion Ratio Lower Upper
59 100
57 11.1 8.8 13.2

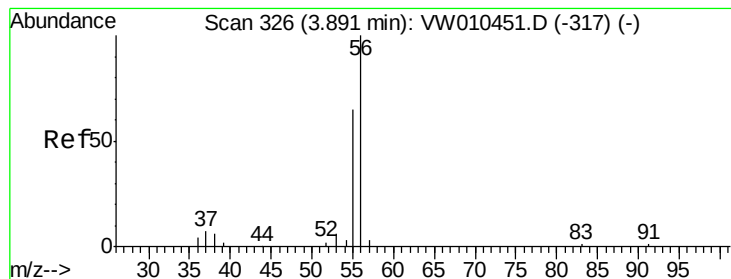


#12

1,1-Dichloroethene
Concen: 50.907 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion: 96 Resp: 86175
Ion Ratio Lower Upper
96 100
61 140.2 118.3 177.5
98 62.9 51.0 76.6





#13

Acrolein

Concen: 218.388 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

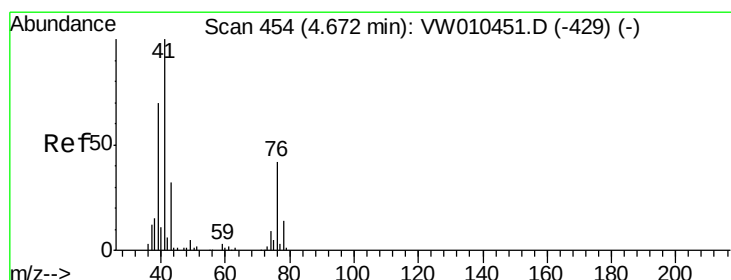
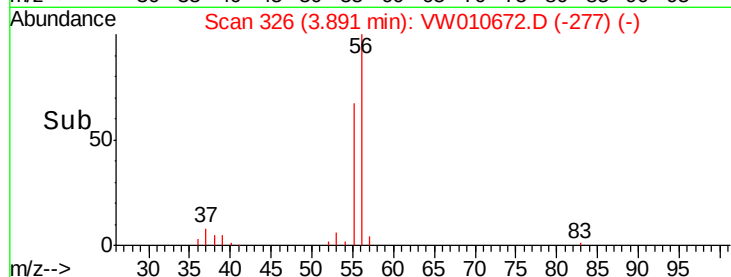
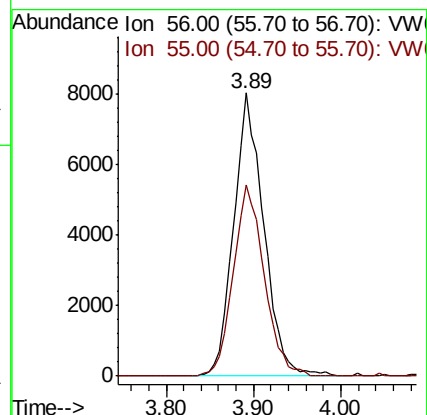
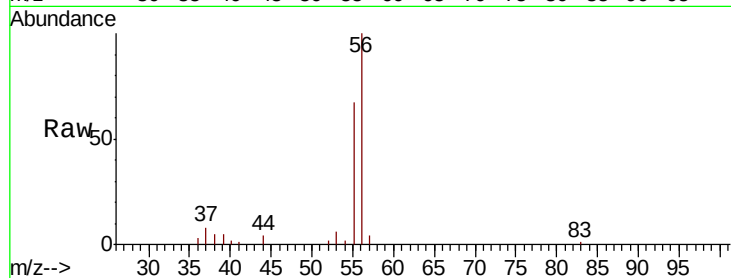
ClientSampleId :

Tot Ion: 56 Resp: 19179

Ion Ratio Lower Upper

56 100

55 69.6 57.9 86.9



#14

Allyl chloride

Concen: 49.649 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

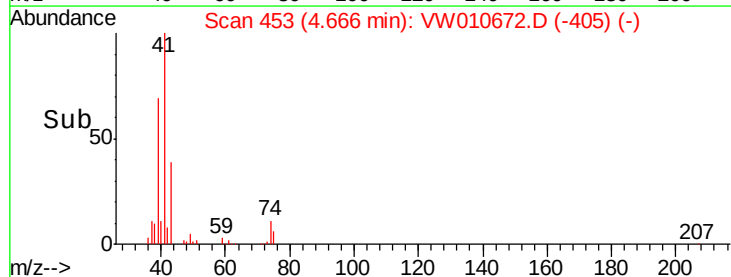
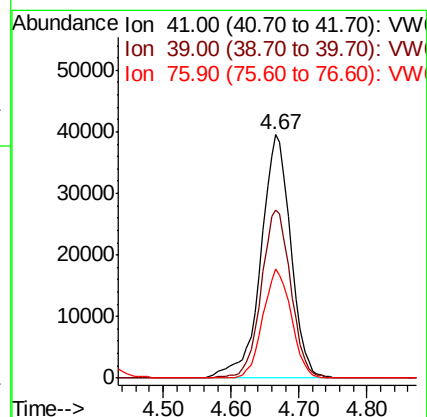
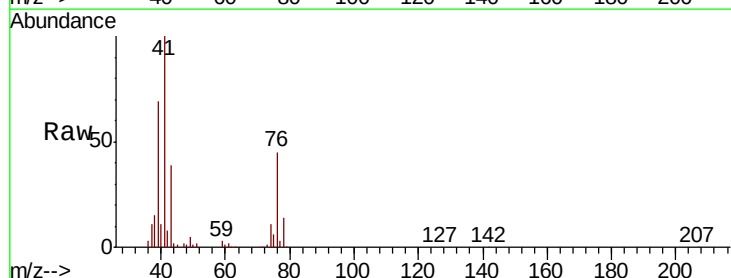
Tgt Ion: 41 Resp: 121656

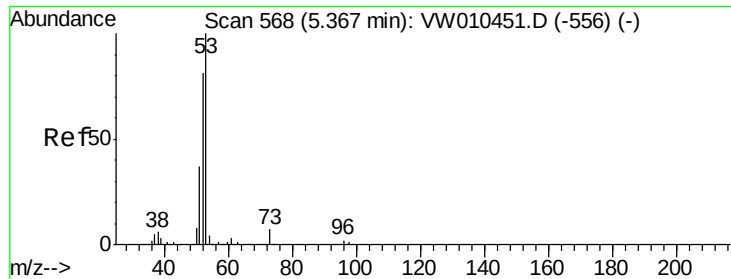
Ion Ratio Lower Upper

41 100

39 68.3 55.0 82.4

76 42.4 32.8 49.2





#15

Acrylonitrile

Concen: 270.473 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

ClientSampleId :

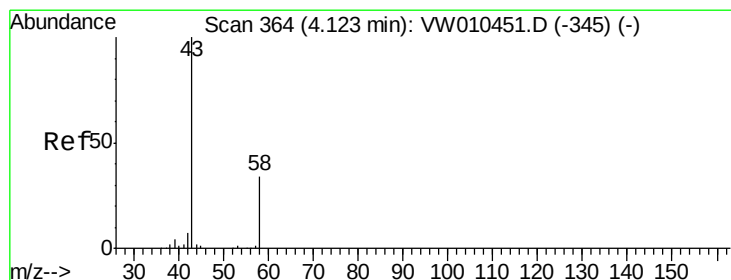
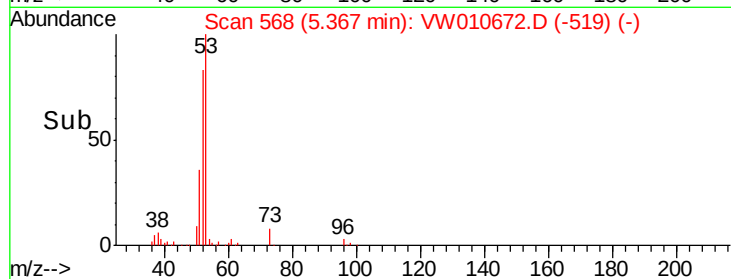
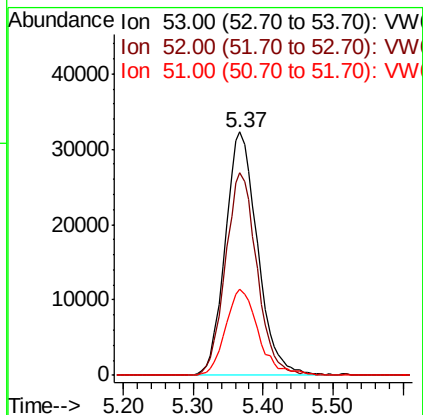
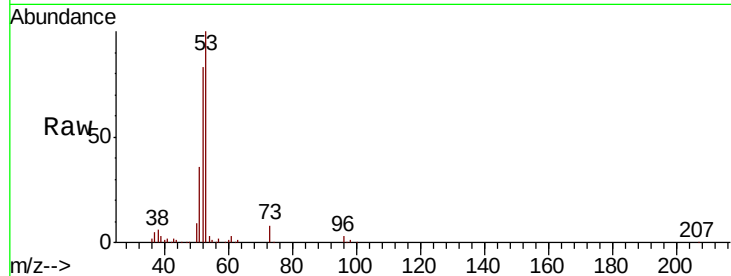
Tot Ion: 53 Resp: 103397

Ion Ratio Lower Upper

53 100

52 81.4 65.6 98.4

51 36.0 29.5 44.3



#16

Acetone

Concen: 278.551 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010672.D

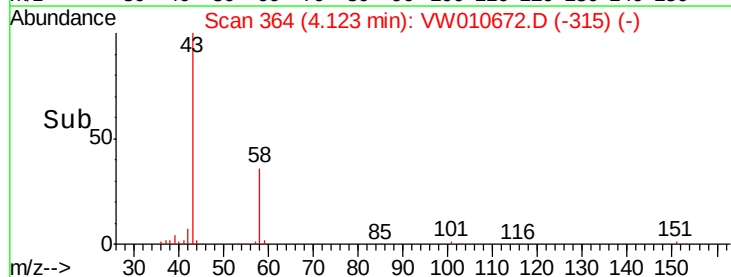
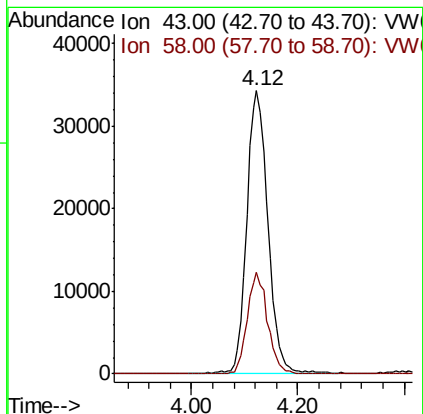
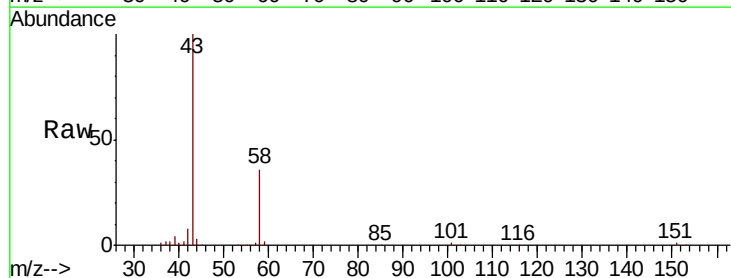
Acq: 03 Jun 2019 21:28

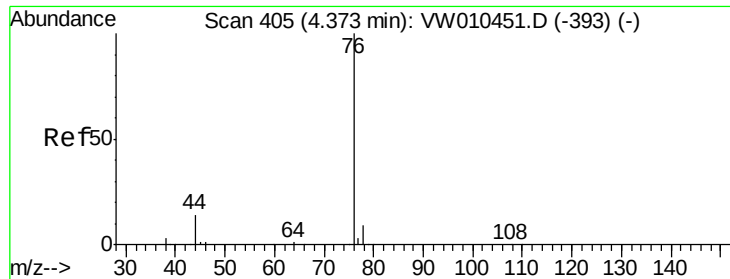
Tgt Ion: 43 Resp: 94055

Ion Ratio Lower Upper

43 100

58 36.0 27.0 40.4





#17

Carbon Disulfide

Concen: 43.385 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

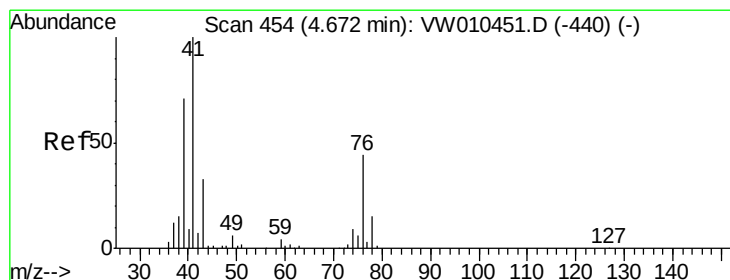
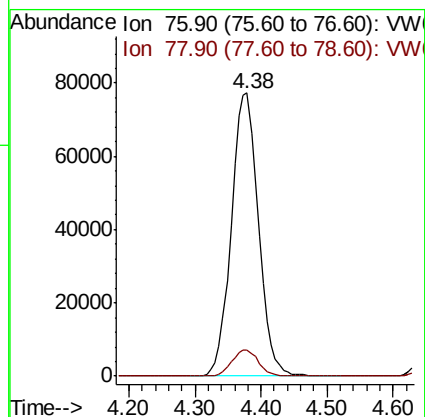
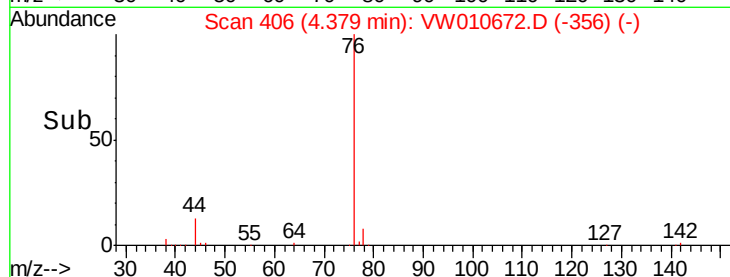
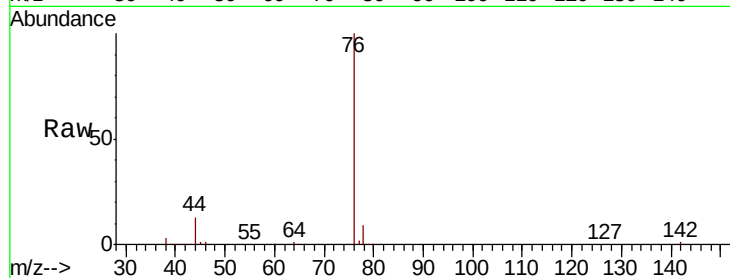
ClientSampled :

Tot Ion: 76 Resp: 219059

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 56.330 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010672.D

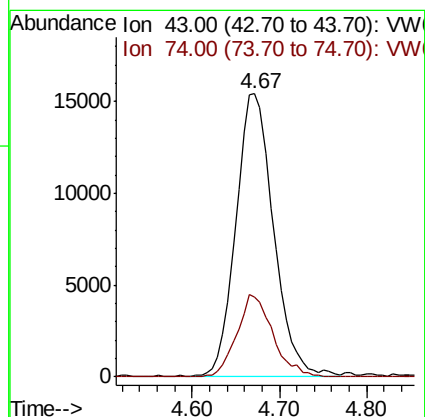
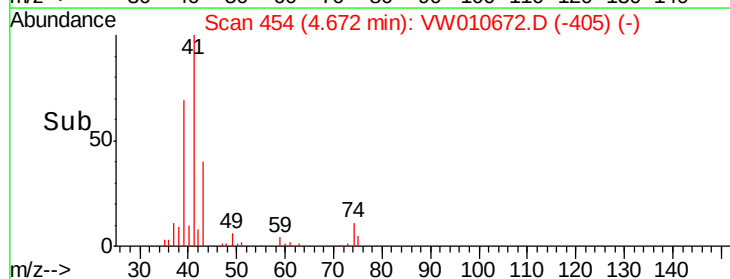
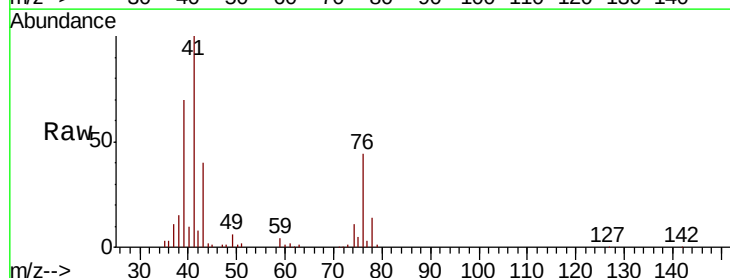
Acq: 03 Jun 2019 21:28

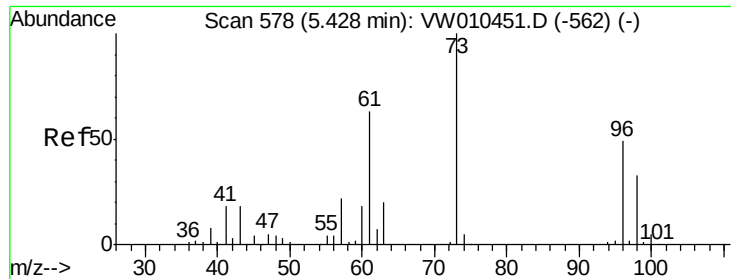
Tgt Ion: 43 Resp: 46518

Ion Ratio Lower Upper

43 100

74 27.6 21.6 32.4

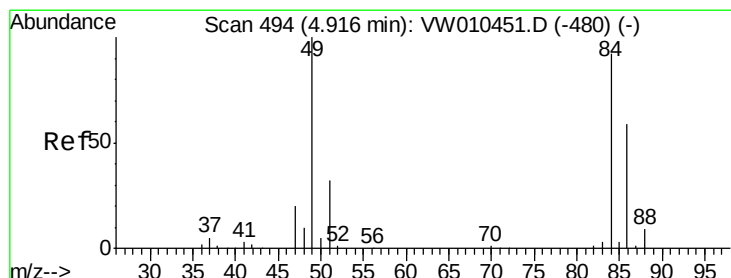
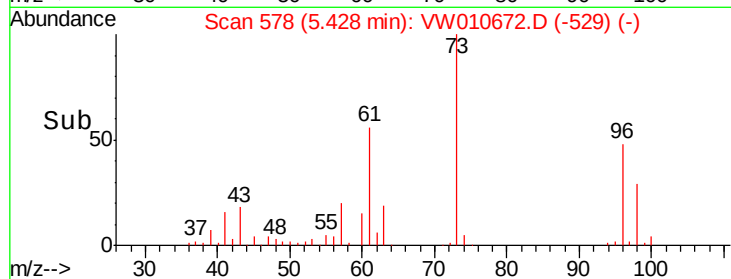
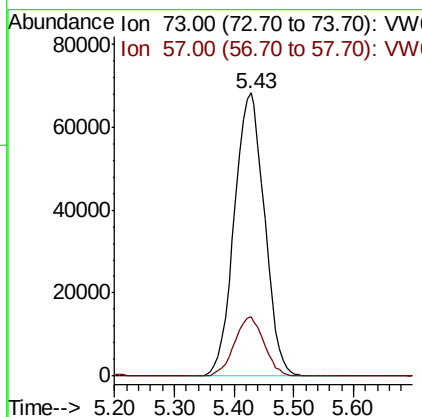
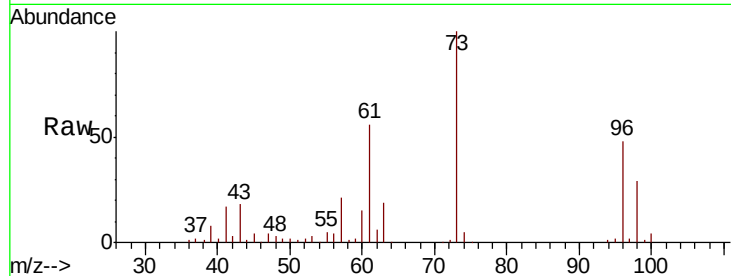




#19
Methvl tert-butvl Ether
Concen: 55.660 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

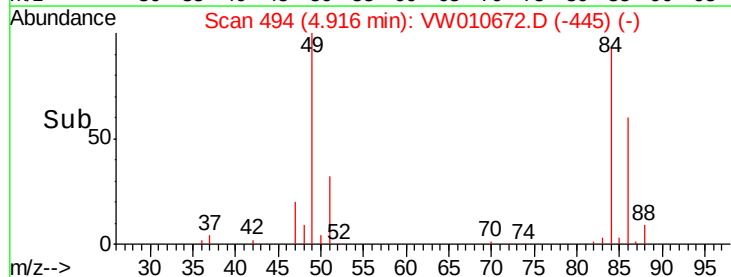
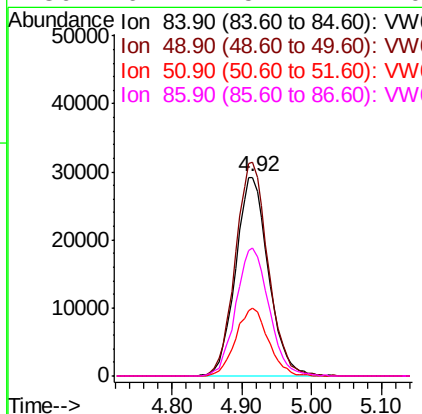
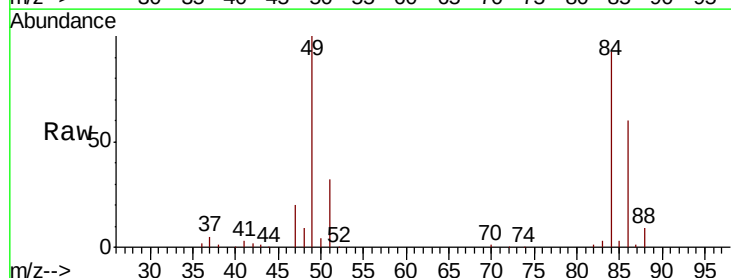
Instrument :
MSVOA_W
ClientSampleId :

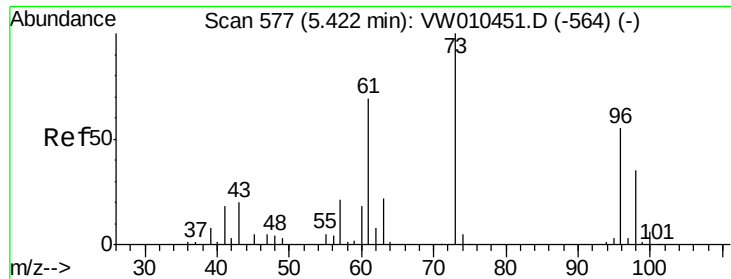
Tot Ion: 73 Resp: 240201
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0



#20
Methylene Chloride
Concen: 48.010 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion: 84 Resp: 95518
Ion Ratio Lower Upper
84 100
49 107.4 87.2 130.8
51 33.8 27.7 41.5
86 64.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 51.637 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

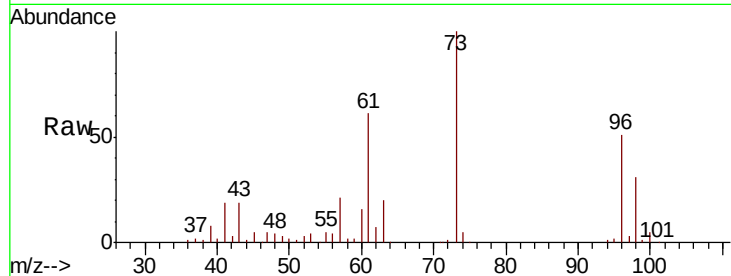
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 96 Resp: 100263

Ion	Ratio	Lower	Upper
96	100		
61	119.2	101.4	152.0
98	61.5	50.6	76.0

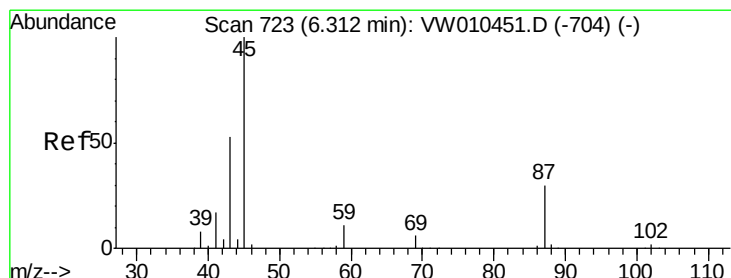
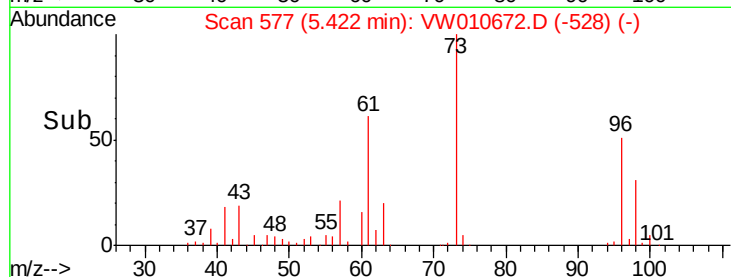
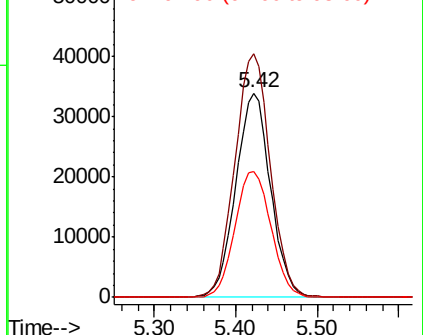


Abundance

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: 52.794 ug/l

RT: 6.31 min Scan# 723

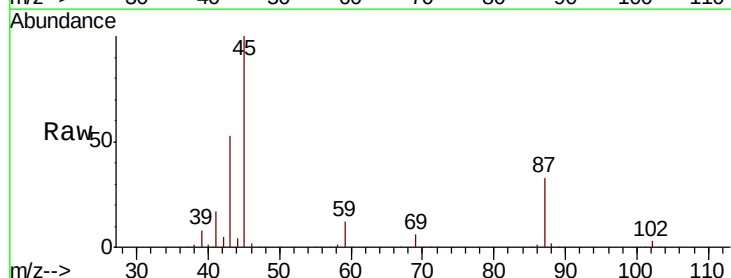
Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Tgt Ion: 45 Resp: 265257

Ion	Ratio	Lower	Upper
45	100		
43	52.9	42.9	64.3
87	33.2	24.6	36.8
59	11.8	9.4	14.0



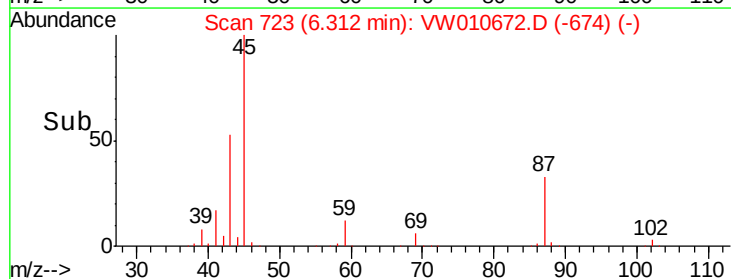
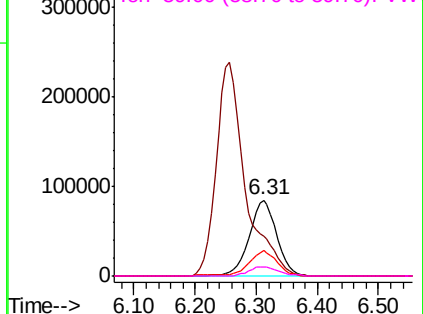
Abundance

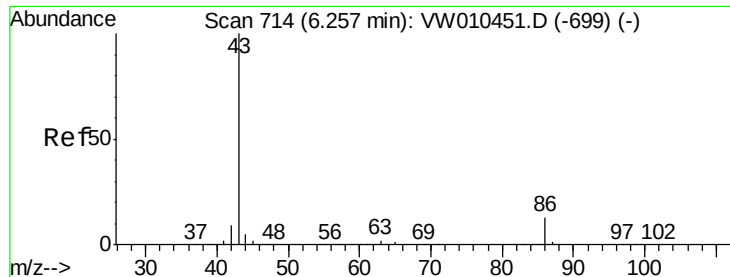
Ion 45.00 (44.70 to 45.70): VW

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: 262.646 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

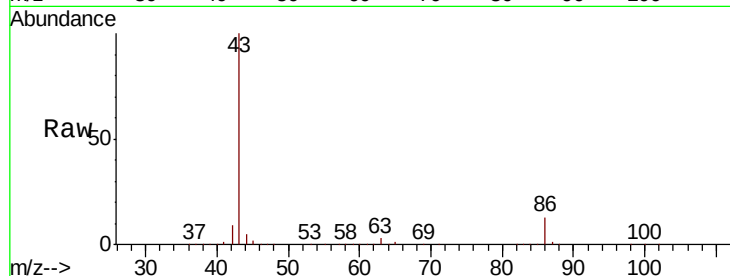
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 788267

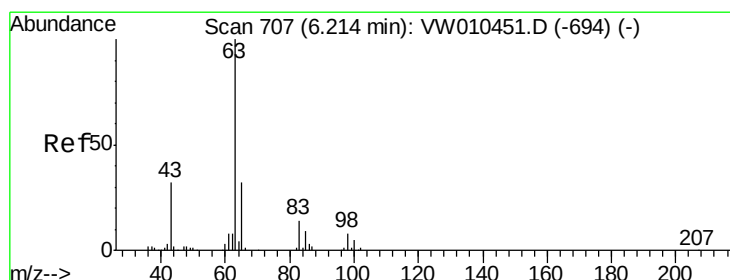
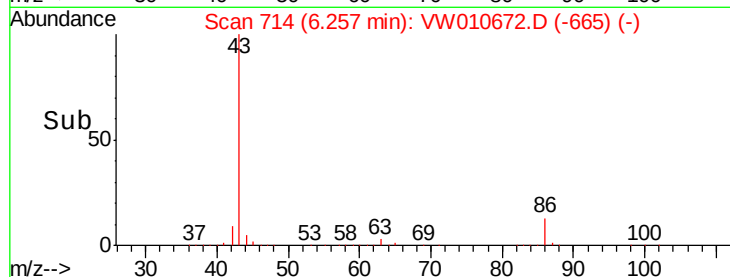
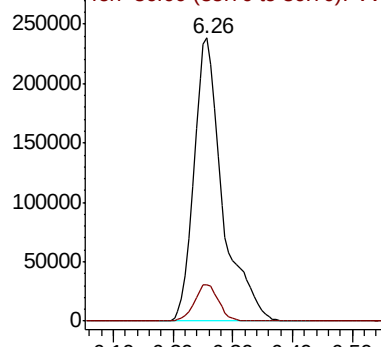
Ion Ratio Lower Upper

43 100

86 12.8 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 53.820 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

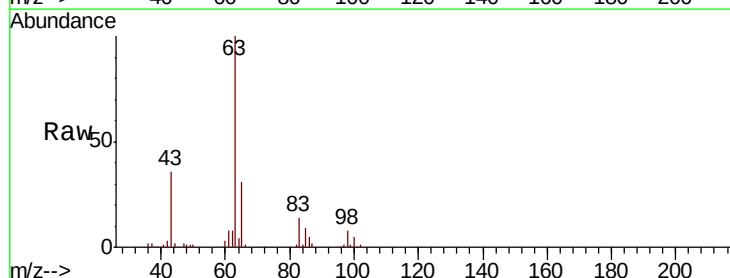
Tgt Ion: 63 Resp: 161369

Ion Ratio Lower Upper

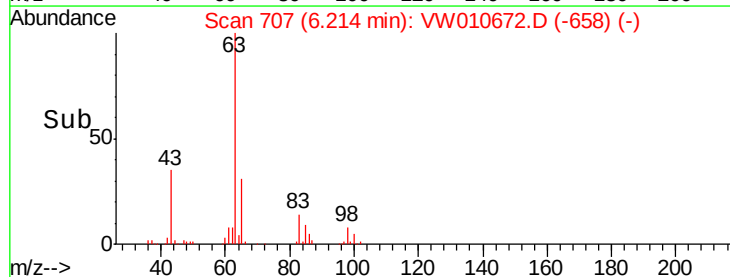
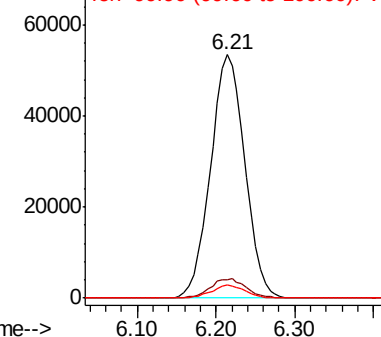
63 100

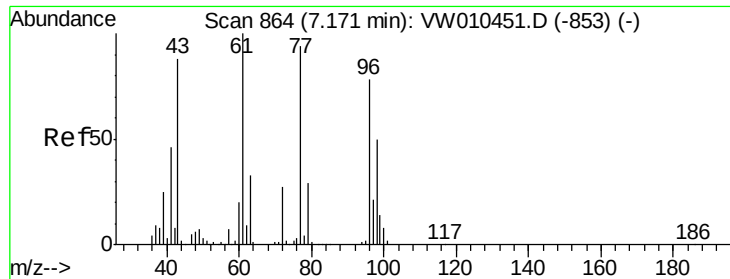
98 7.6 3.8 11.2

100 5.3 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 282.960 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

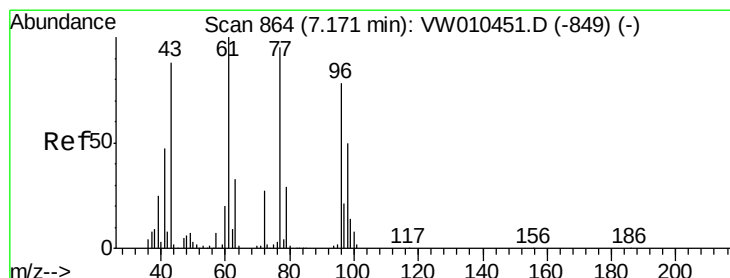
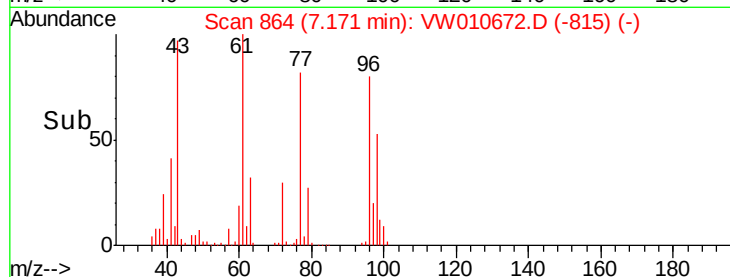
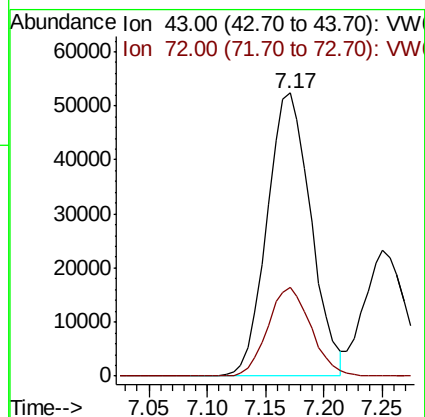
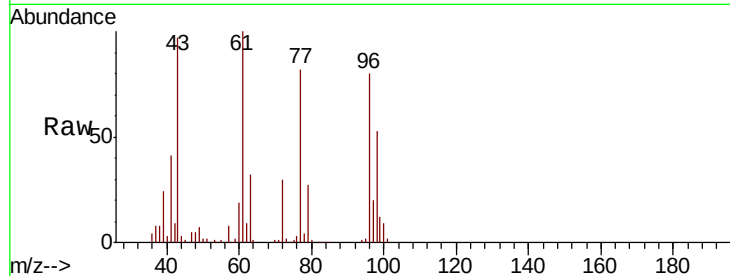
ClientSampled :

Tot Ion: 43 Resp: 136732

Ion Ratio Lower Upper

43 100

72 31.3 24.1 36.1



#26

2,2-Dichloropropane

Concen: 47.511 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010672.D

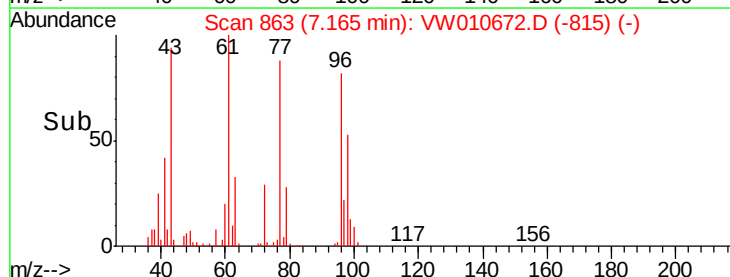
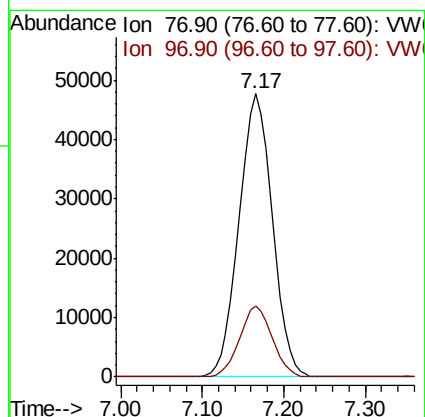
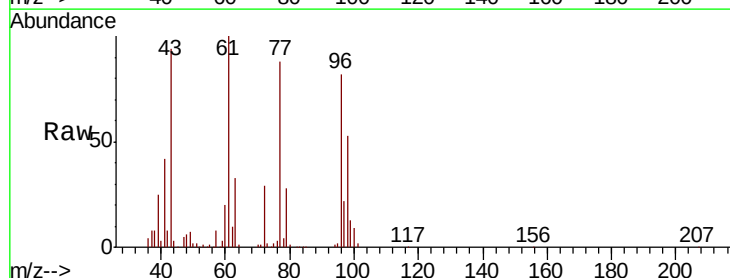
Acq: 03 Jun 2019 21:28

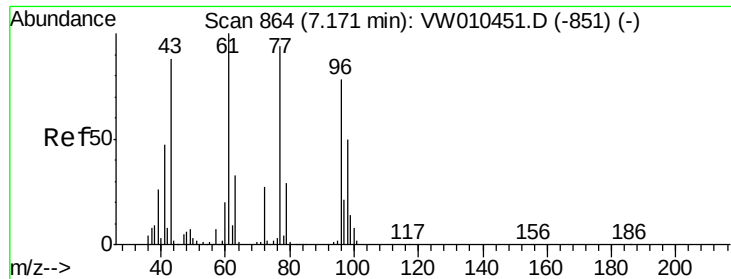
Tgt Ion: 77 Resp: 135692

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0



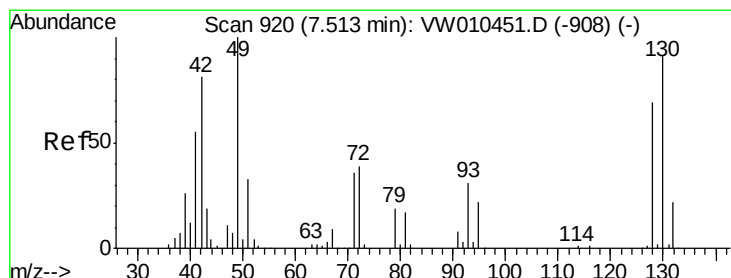
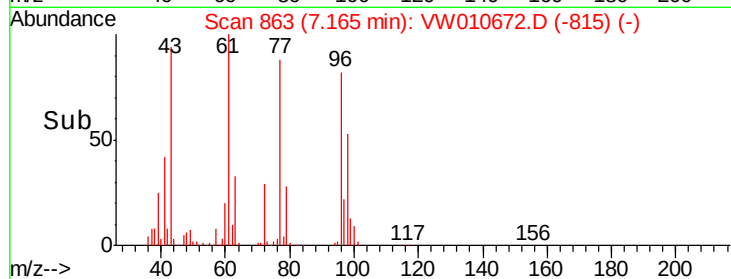
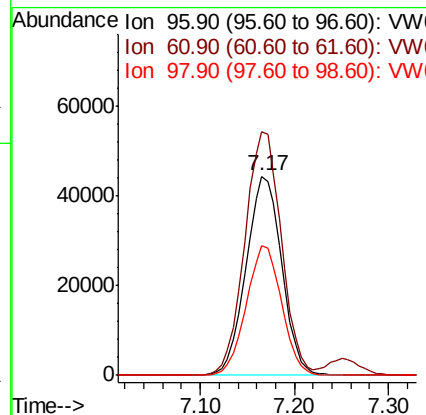
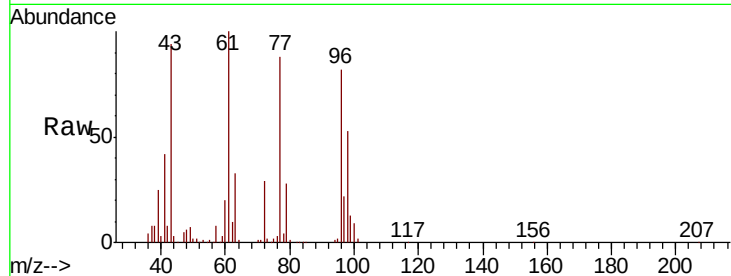


#27

cis-1,2-Dichloroethene
 Concen: 55.316 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Instrument :
 MSVOA_W
 ClientSampled :

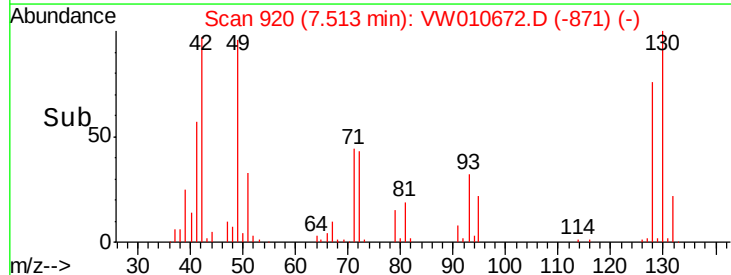
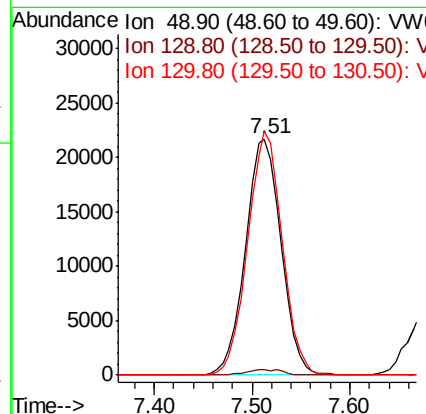
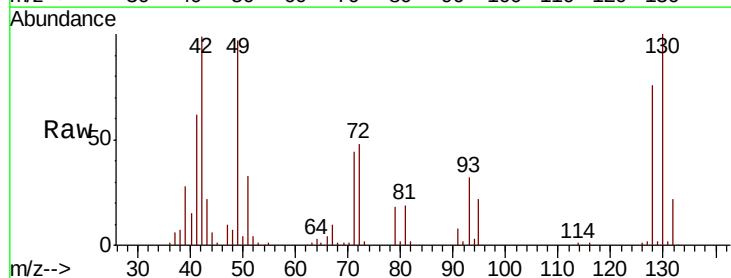
Tot Ion: 96 Resp: 116770
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 265.4
 98 64.5 0.0 129.4

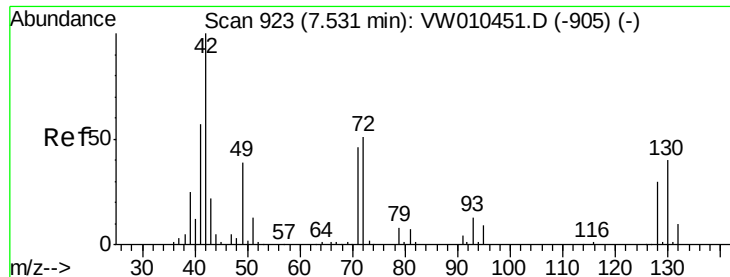


#28

Bromochloromethane
 Concen: 51.265 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Tgt Ion: 49 Resp: 55033
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 99.7 71.2 106.8

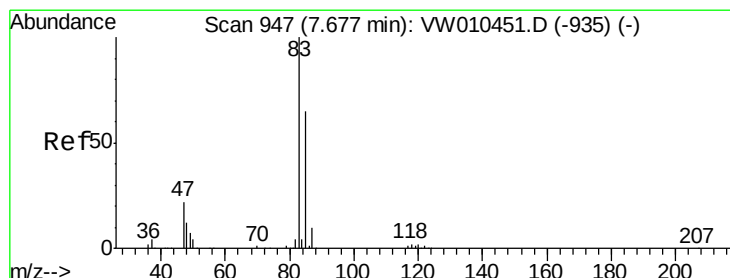
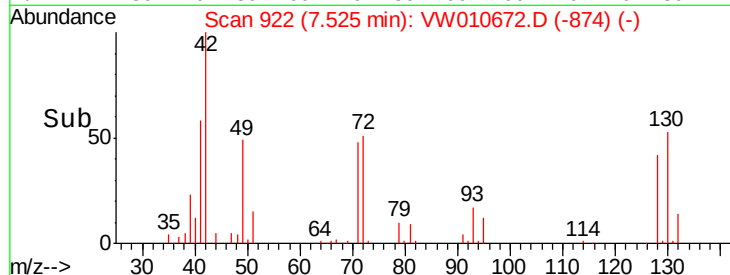
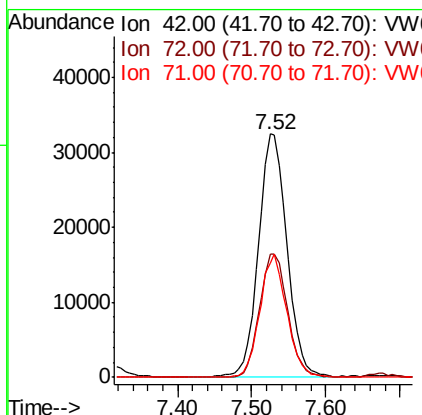
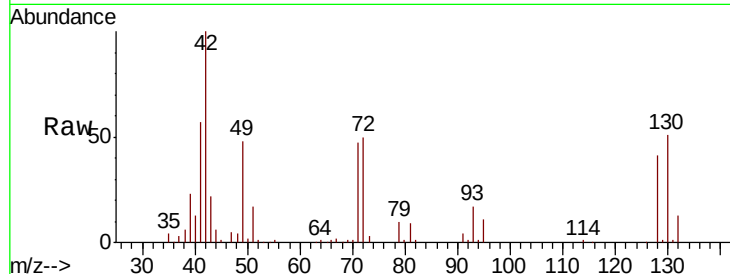




#29
Tetrahydrofuran
Concen: 266.215 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

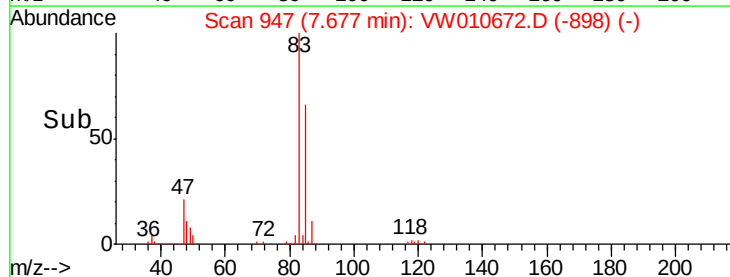
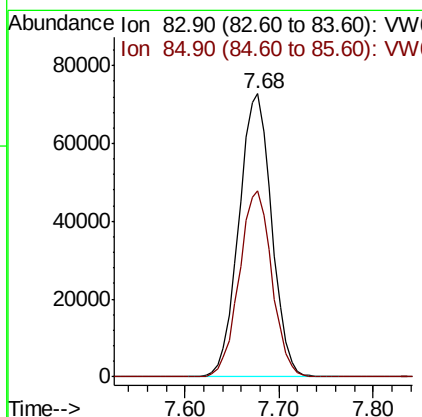
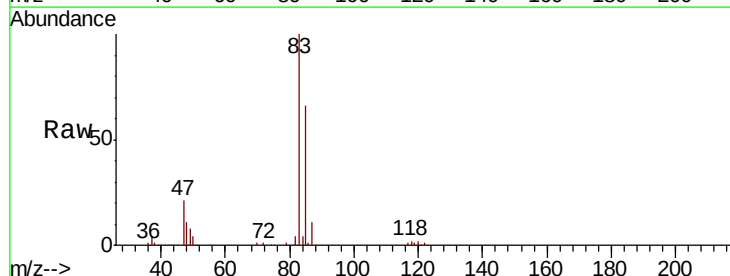
Instrument :
MSVOA_W
ClientSampleId :

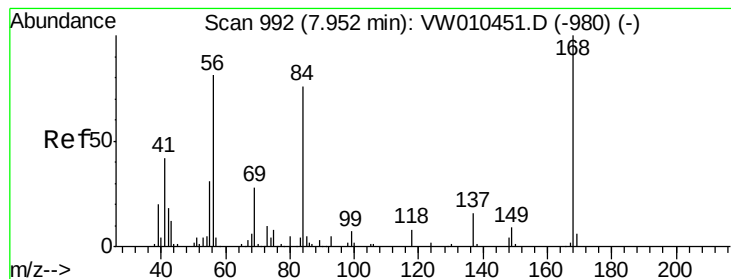
Tot Ion: 42 Resp: 87048
Ion Ratio Lower Upper
42 100
72 50.2 38.5 57.7
71 47.7 36.5 54.7



#30
Chloroform
Concen: 54.688 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion: 83 Resp: 176866
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.4





#31

Cyclohexane

Concen: 45.284 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

ClientSampled :

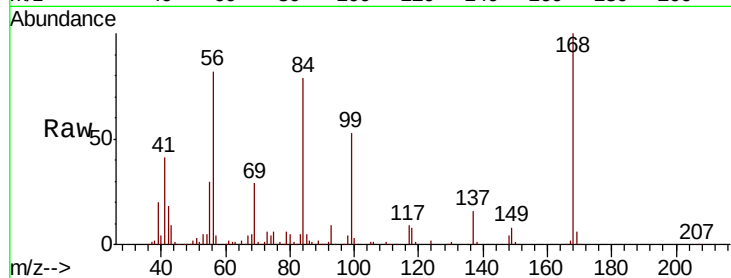
Tot Ion: 56 Resp: 142224

Ion Ratio Lower Upper

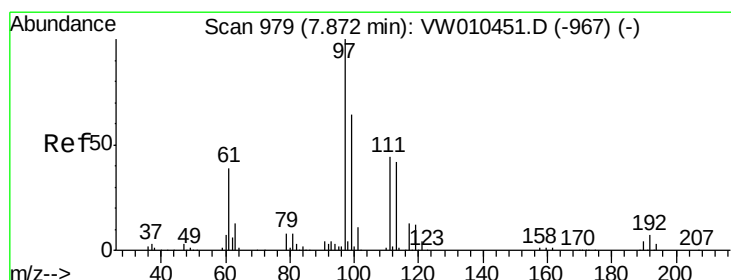
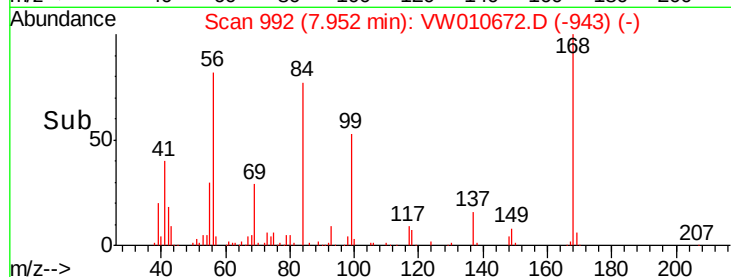
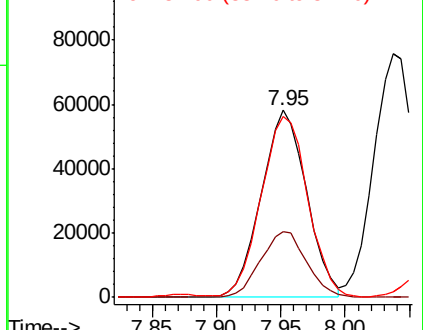
56 100

69 35.4 28.2 42.2

84 95.0 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: 52.502 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

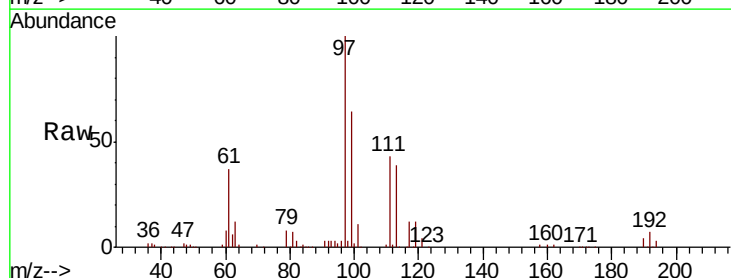
Tgt Ion: 97 Resp: 162288

Ion Ratio Lower Upper

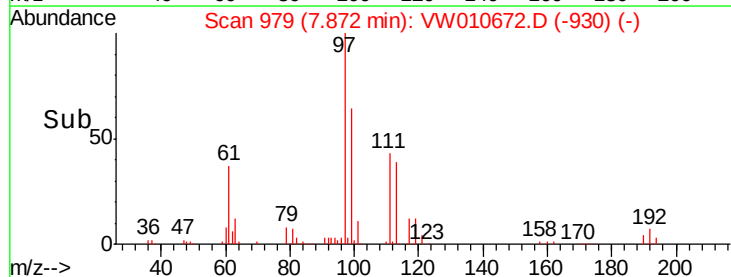
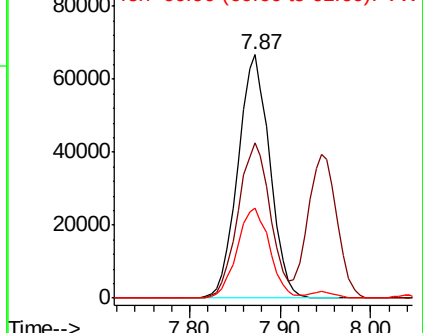
97 100

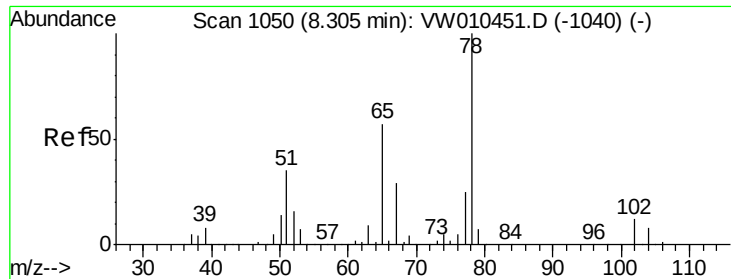
99 64.5 50.8 76.2

61 38.0 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

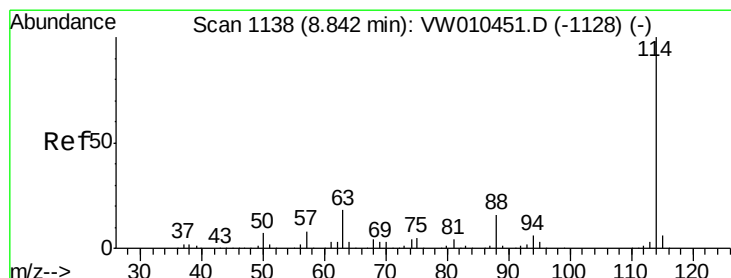
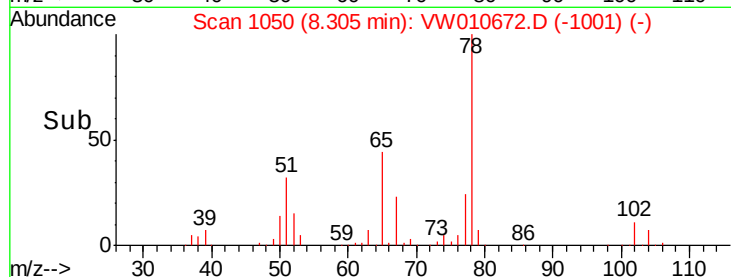
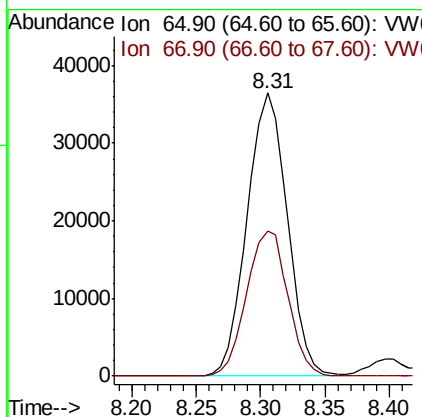
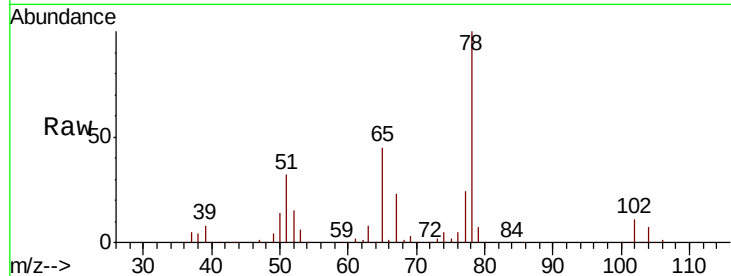




#33
 1,2-Dichloroethane-d4
 Concen: 47.719 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

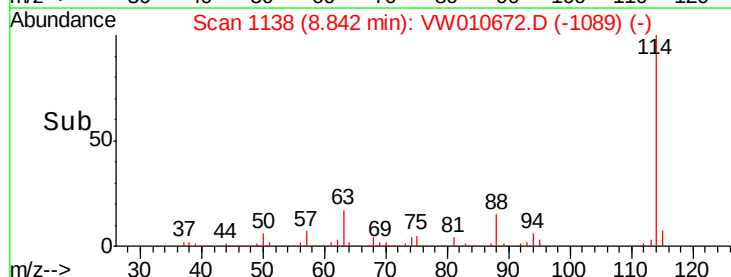
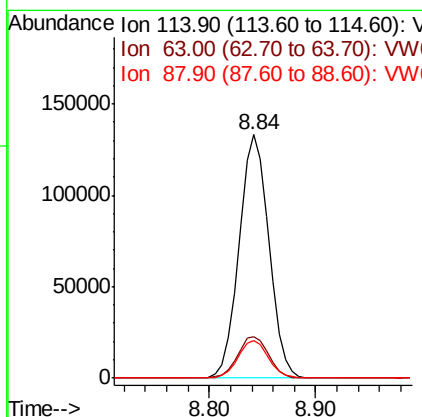
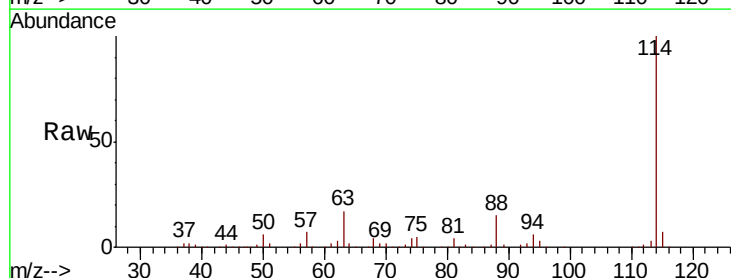
Instrument :
 MSVOA_W
 ClientSampled :

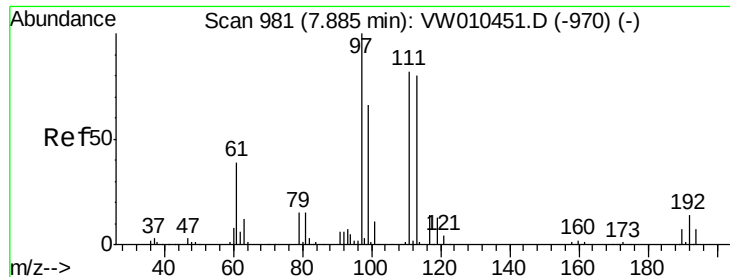
Tot Ion: 65 Resp: 78937
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Tgt Ion: 114 Resp: 262327
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.0
 88 15.2 0.0 32.0

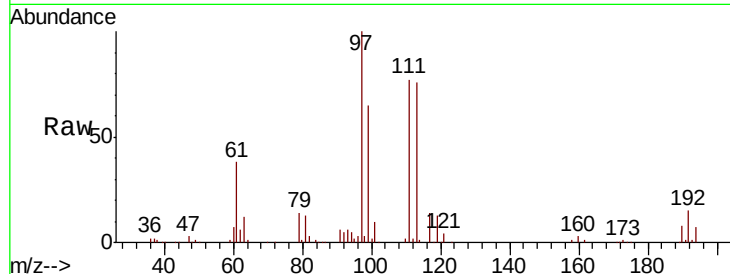




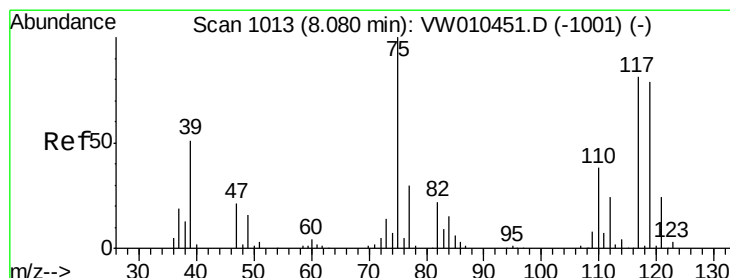
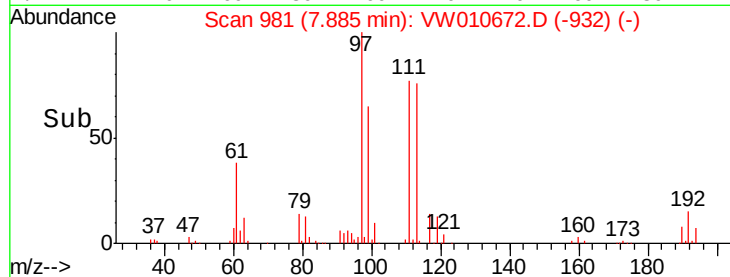
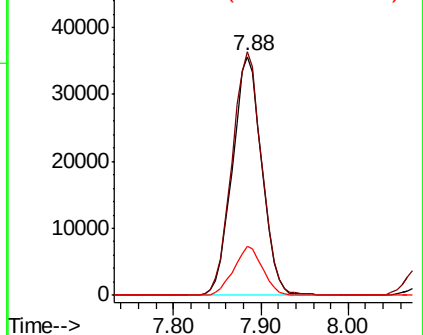
#35
 Dibromofluoromethane
 Concen: 52.321 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 83282
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 20.0 14.3 21.5

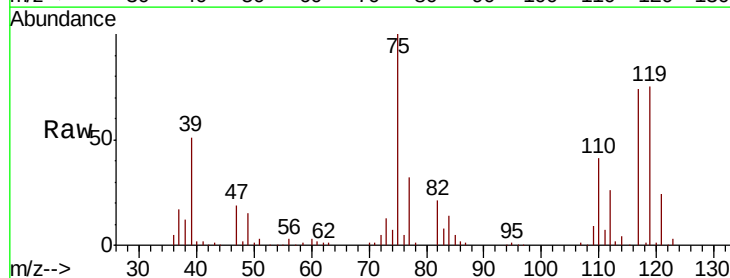


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

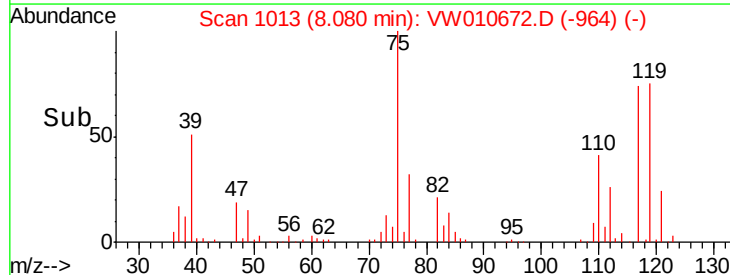
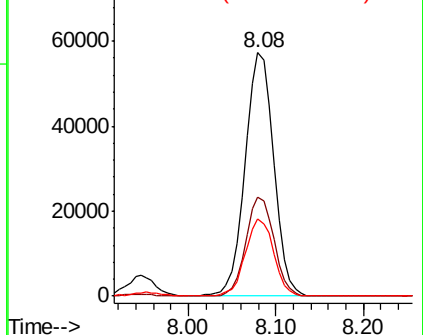


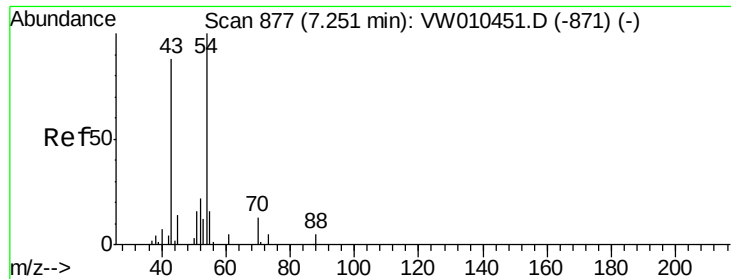
#36
 1,1-Dichloropropene
 Concen: 53.369 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Tgt Ion: 75 Resp: 130417
 Ion Ratio Lower Upper
 75 100
 110 40.0 19.2 57.6
 77 31.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

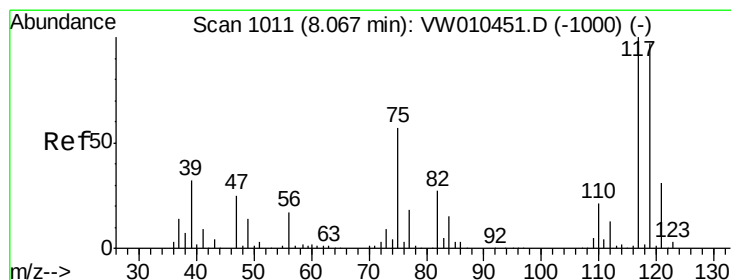
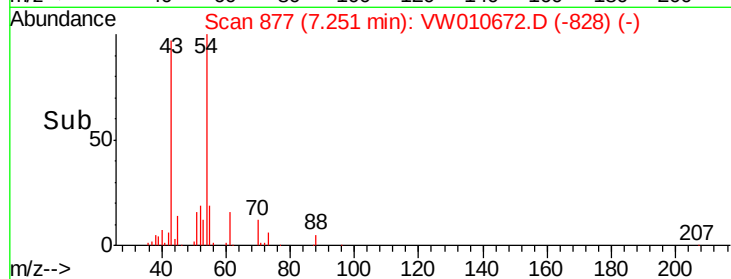
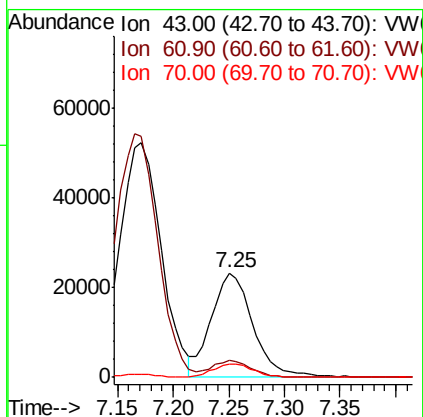
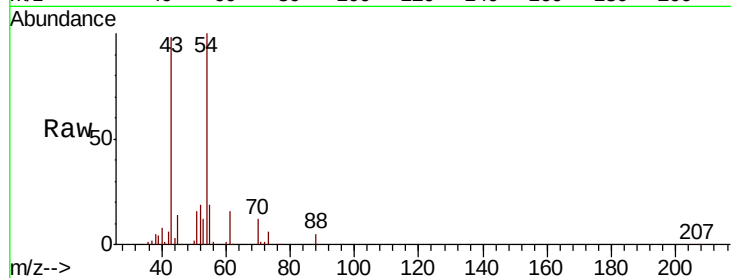




#37
Ethyl Acetate
Concen: 57.241 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

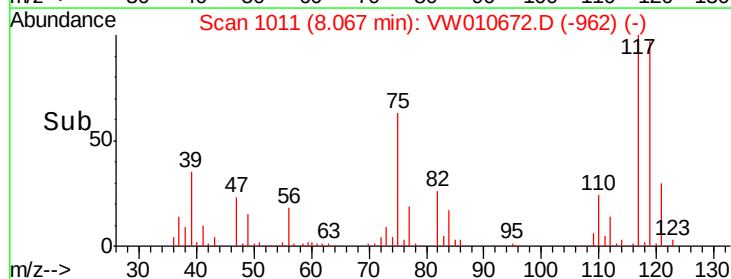
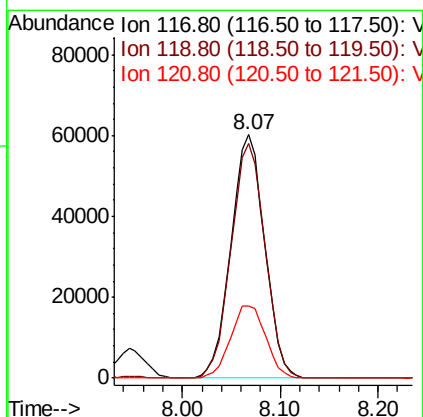
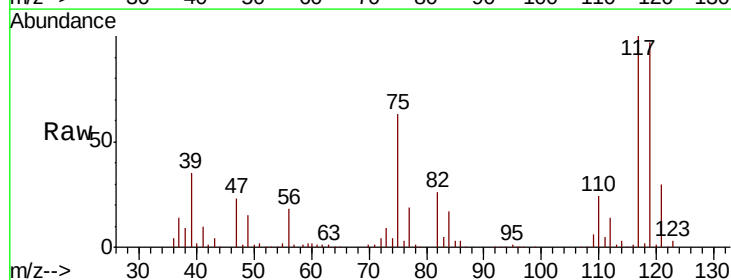
Instrument :
MSVOA_W
ClientSampleId :

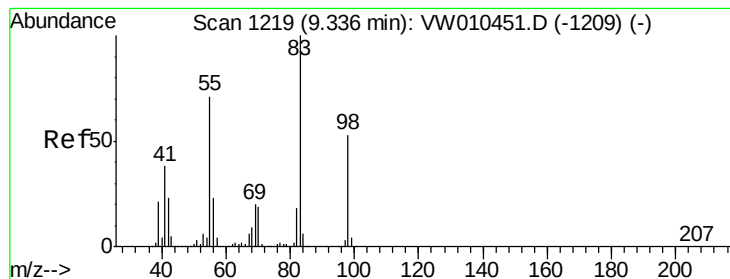
Tot Ion: 43 Resp: 59484
Ion Ratio Lower Upper
43 100
61 15.4 11.2 16.8
70 12.7 9.9 14.9



#38
Carbon Tetrachloride
Concen: 54.547 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion: 117 Resp: 143792
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
121 29.6 25.0 37.6





#39

Methylvlcyclohexane

Concen: 52.197 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

ClientSampled :

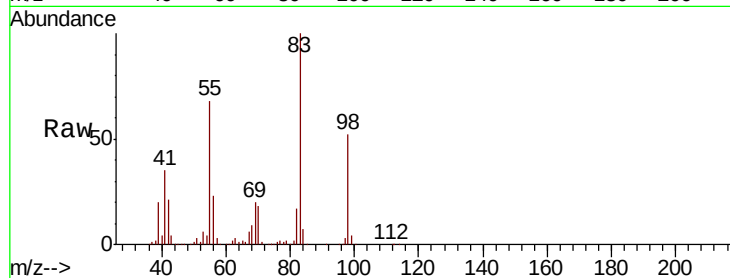
Tot Ion: 83 Resp: 170892

Ion Ratio Lower Upper

83 100

55 68.0 57.0 85.6

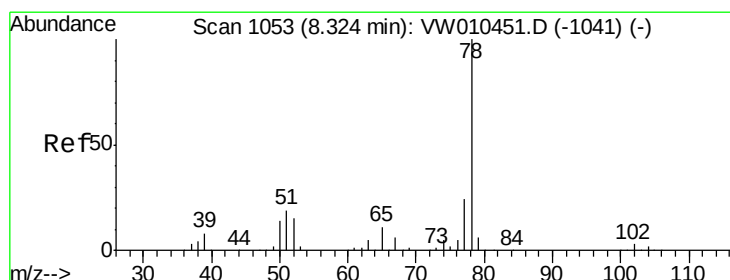
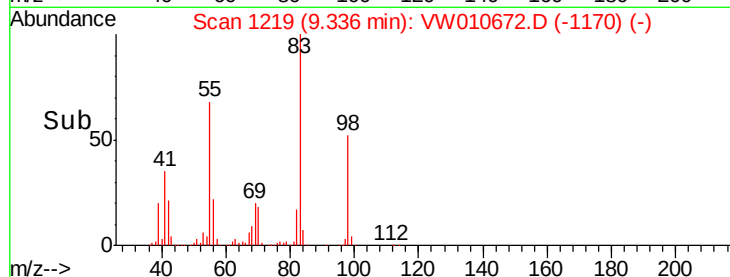
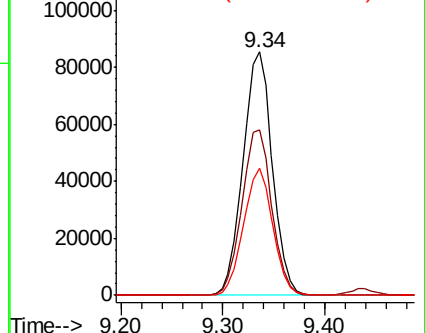
98 52.1 42.0 63.0



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 56.317 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW010672.D

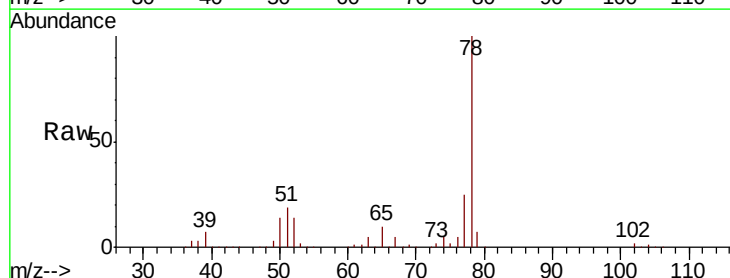
Acq: 03 Jun 2019 21:28

Tgt Ion: 78 Resp: 382511

Ion Ratio Lower Upper

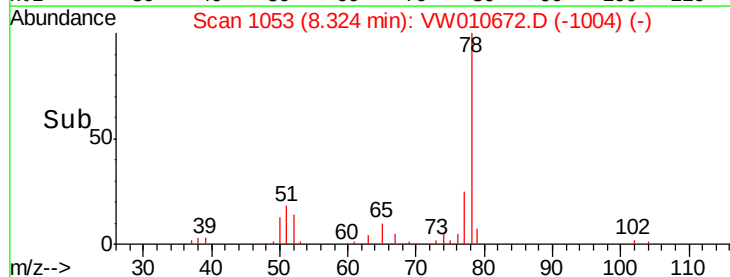
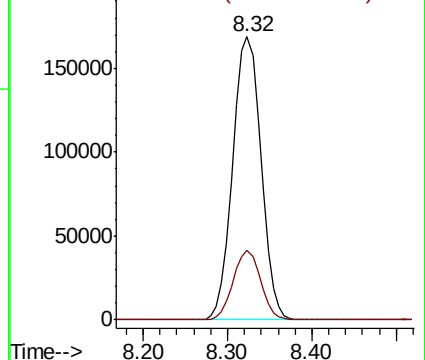
78 100

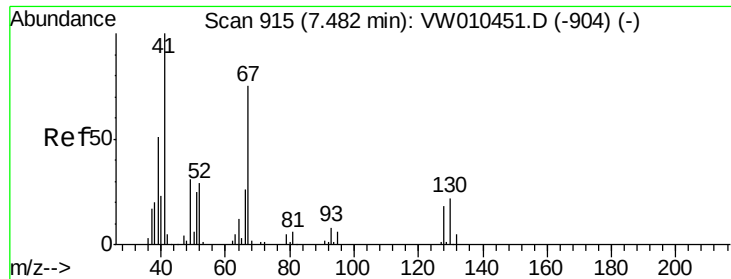
77 24.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

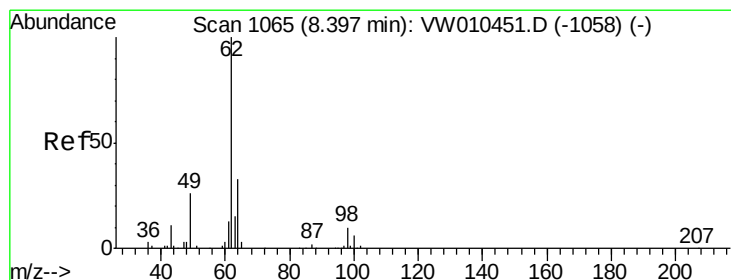
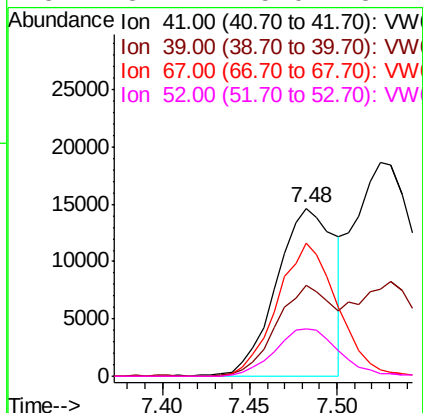
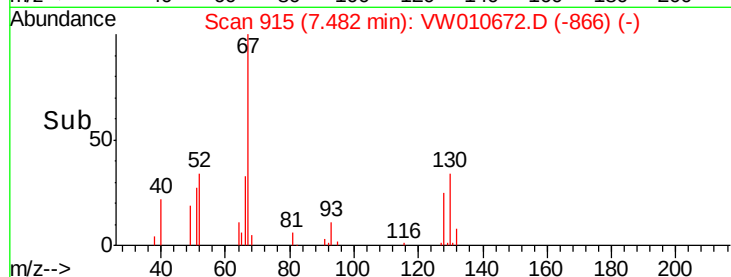
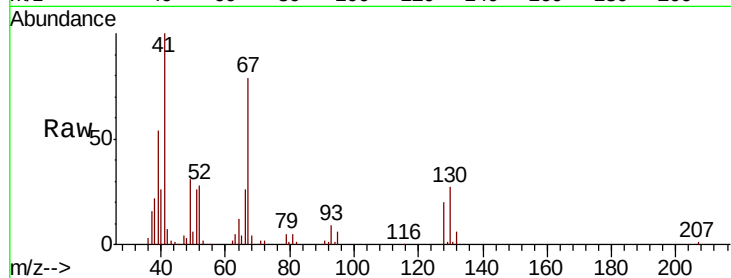




#41
Methacrylonitrile
Concen: 55.000 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

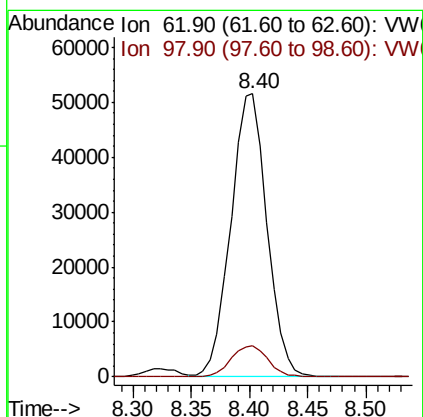
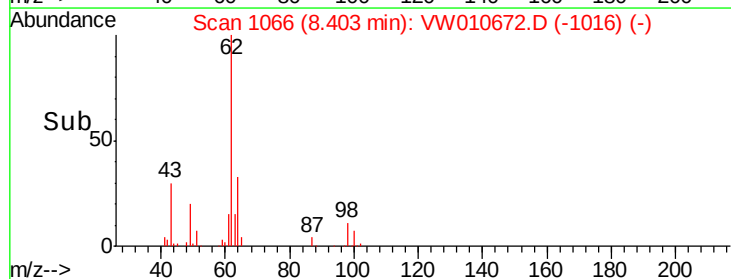
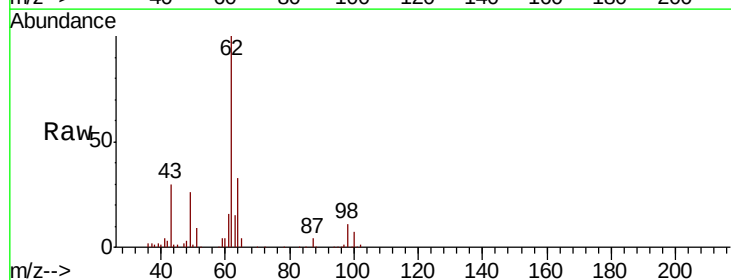
Instrument :
MSVOA_W
ClientSampled :

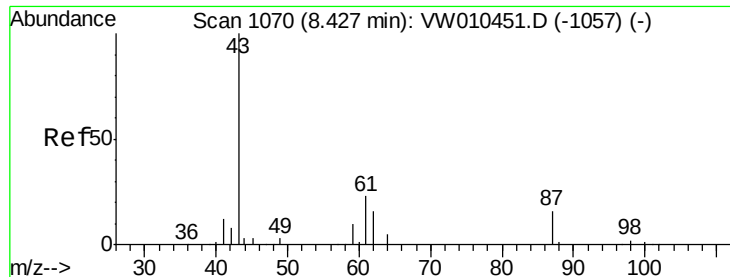
Tot Ion:	41	Resp:	33960
Ion	Ratio	Lower	Upper
41	100		
39	53.0	47.4	71.2
67	82.3	65.5	98.3
52	31.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 57.171 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion:	62	Resp:	110984
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.0





#43

Isopropyl Acetate

Concen: 55.964 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

ClientSampleId :

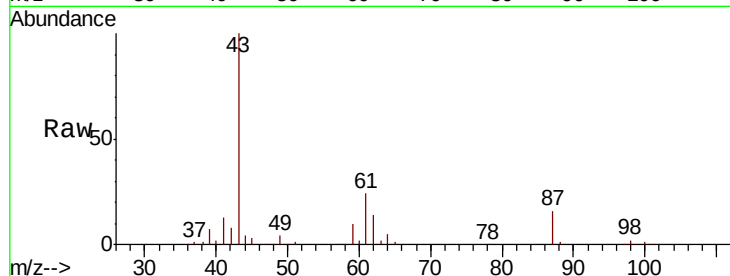
Tot Ion: 43 Resp: 116183

Ion Ratio Lower Upper

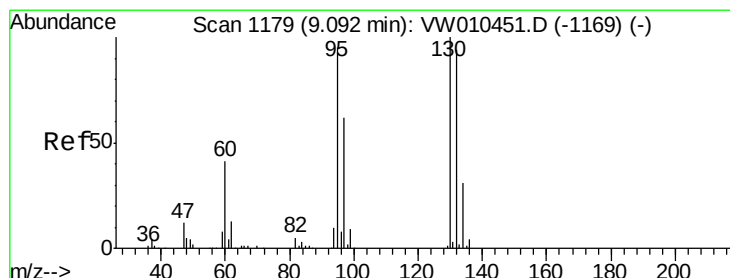
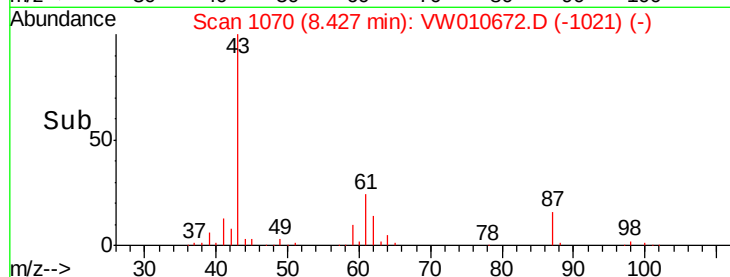
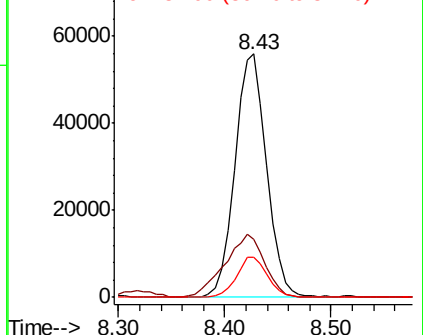
43 100

61 32.4 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: 59.118 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010672.D

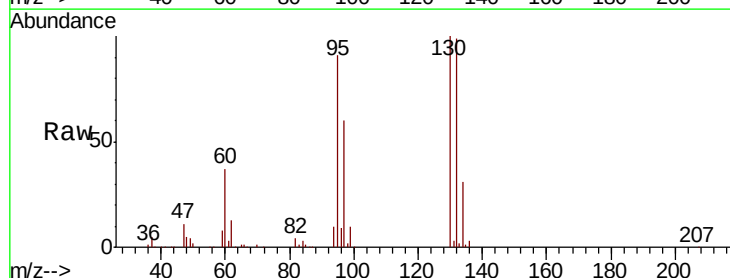
Acq: 03 Jun 2019 21:28

Tgt Ion:130 Resp: 119208

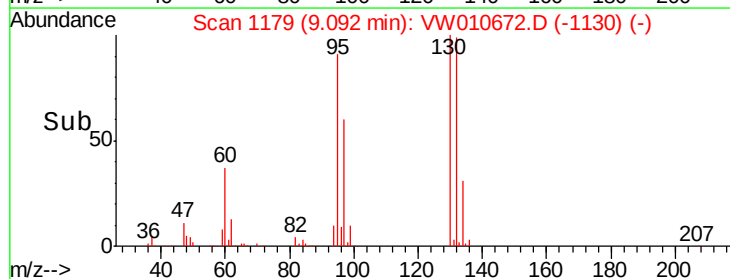
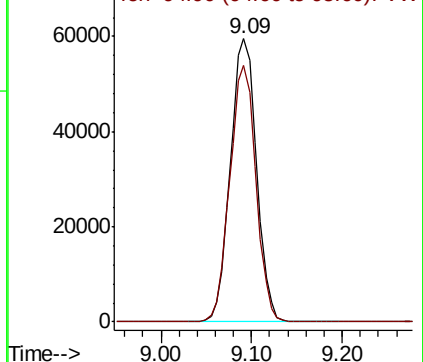
Ion Ratio Lower Upper

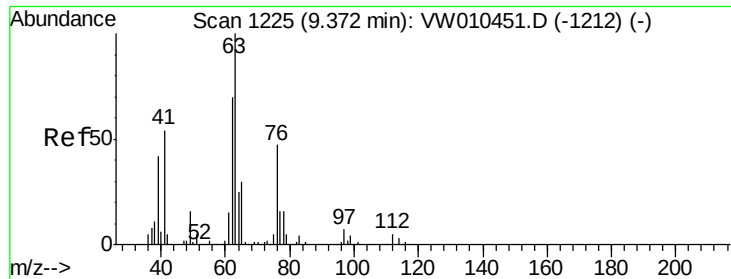
130 100

95 90.7 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: 57.408 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

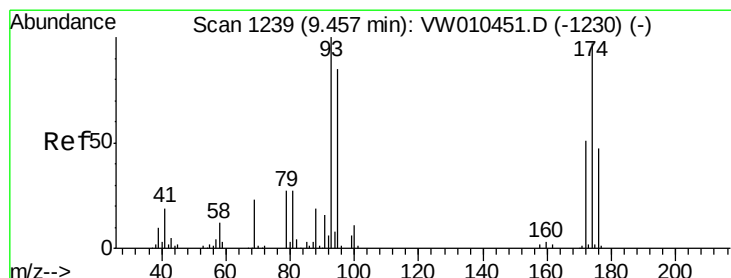
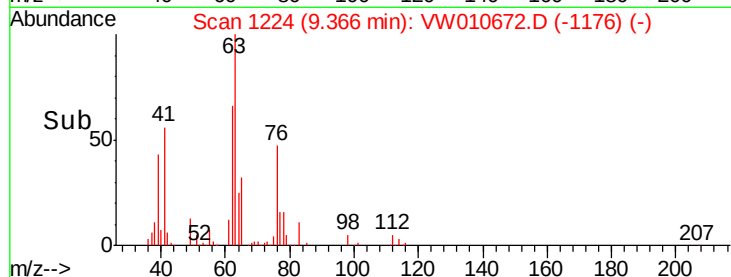
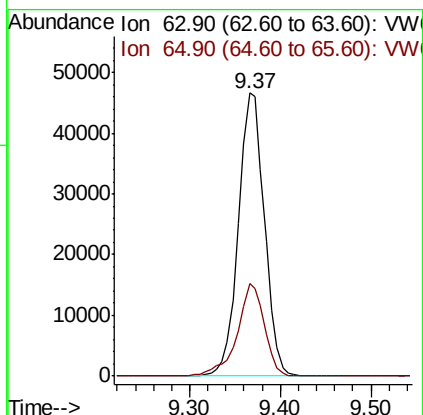
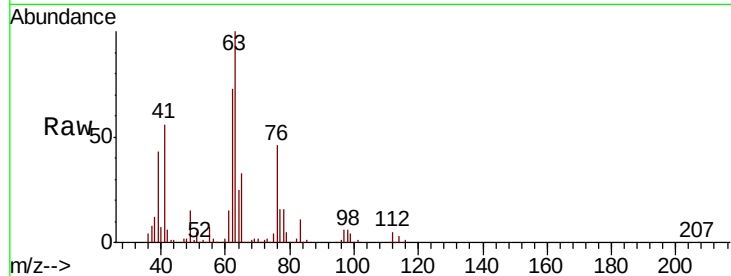
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 92606

Ion Ratio Lower Upper

63 100

65 32.5 24.3 36.5



#46

Dibromomethane

Concen: 60.121 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

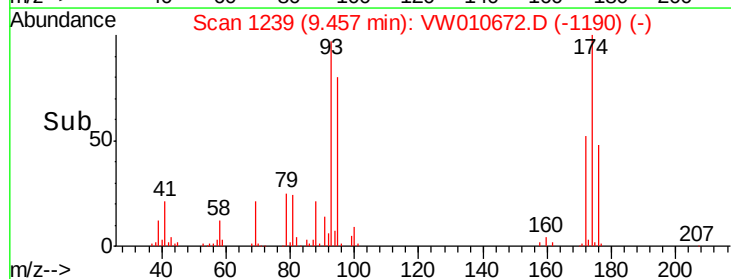
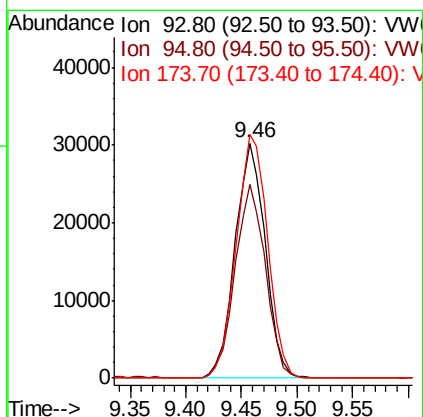
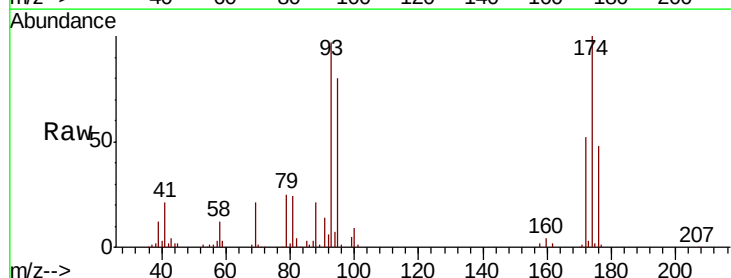
Tgt Ion: 93 Resp: 56717

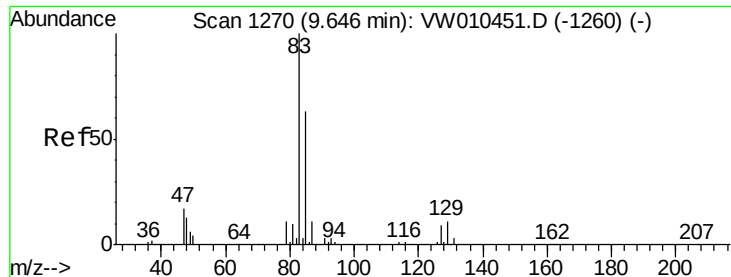
Ion Ratio Lower Upper

93 100

95 83.3 66.1 99.1

174 108.2 77.1 115.7

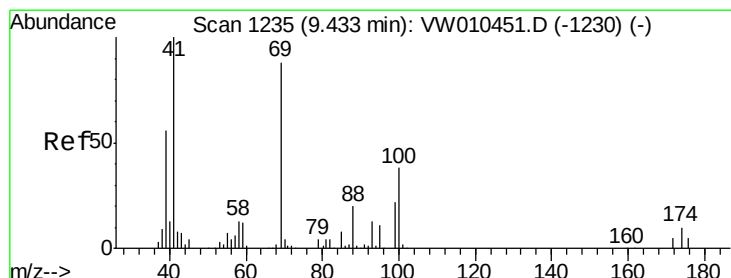
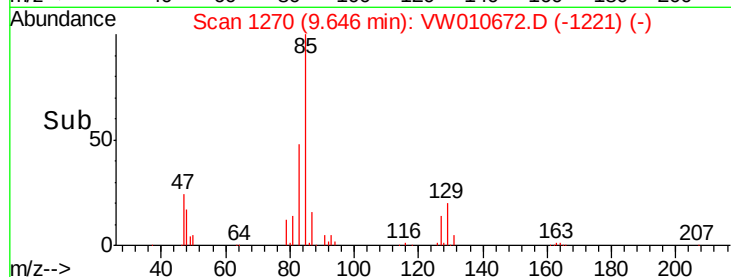
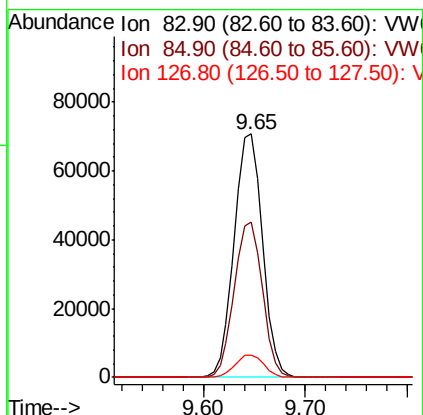
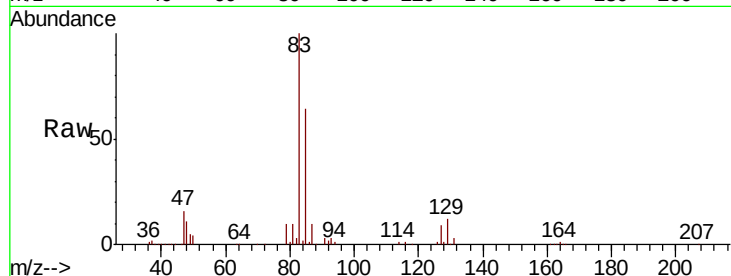




#47
Bromodichloromethane
Concen: 57.513 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

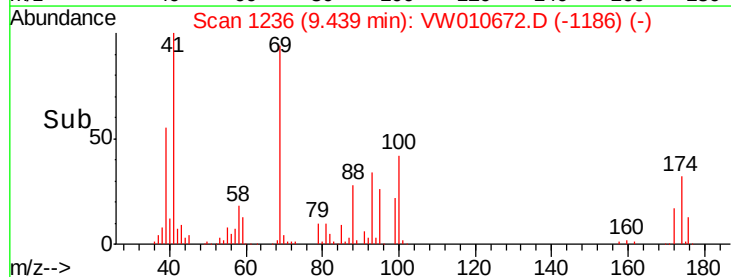
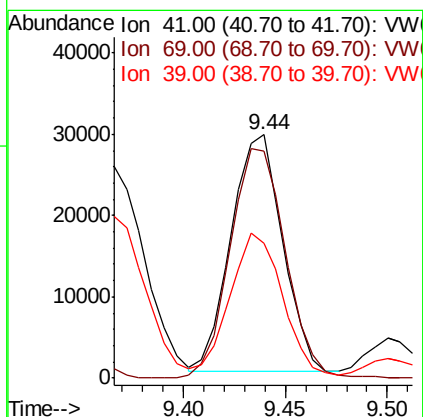
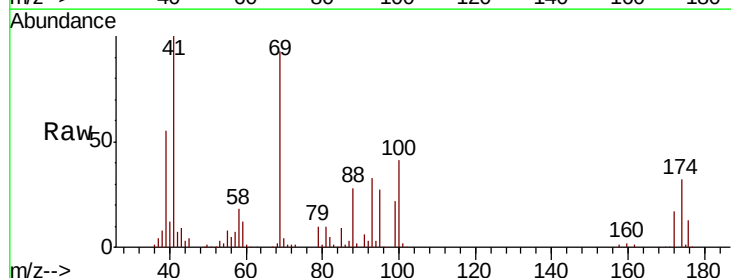
Instrument :
MSVOA_W
ClientSampleId :

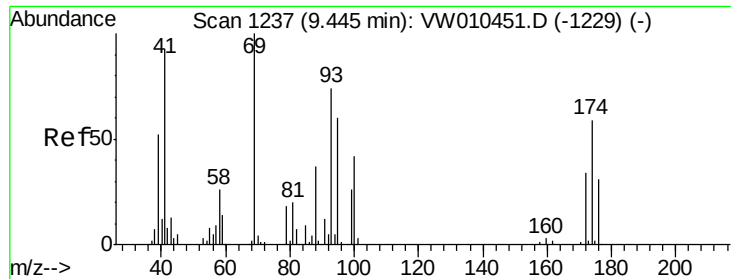
Tot Ion: 83 Resp: 136346
Ion Ratio Lower Upper
83 100
85 63.7 50.4 75.6
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 53.849 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion: 41 Resp: 51144
Ion Ratio Lower Upper
41 100
69 104.9 77.6 116.4
39 63.6 49.8 74.8

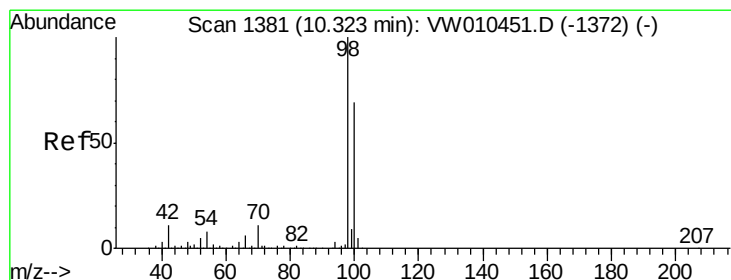
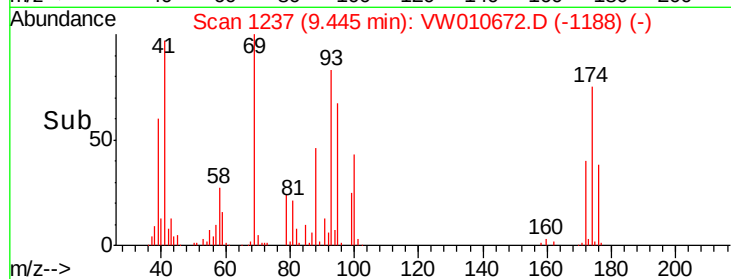
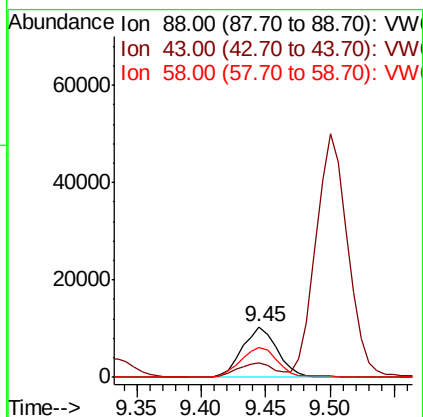
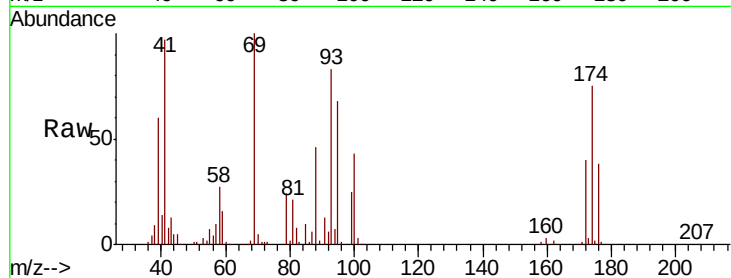




#49
1,4-Dioxane
Concen: 1270.666 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

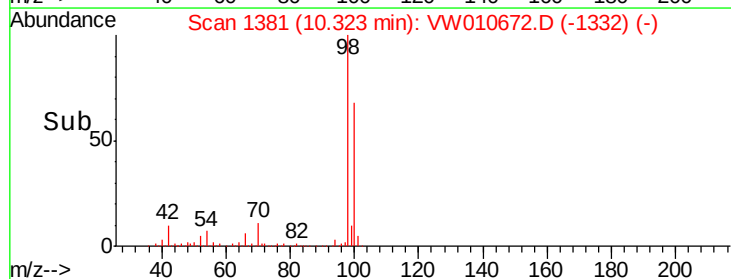
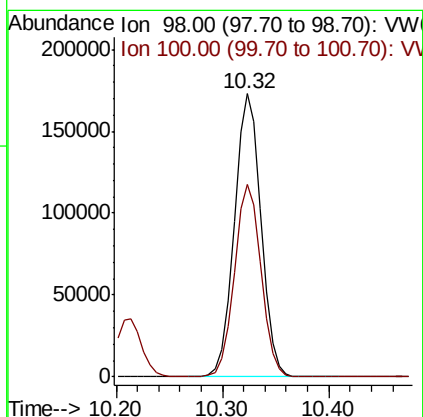
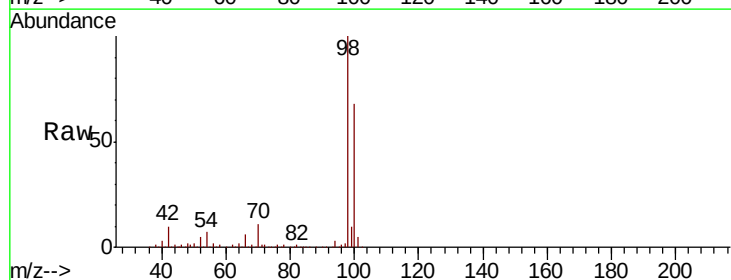
Instrument :
MSVOA_W
ClientSampleId :

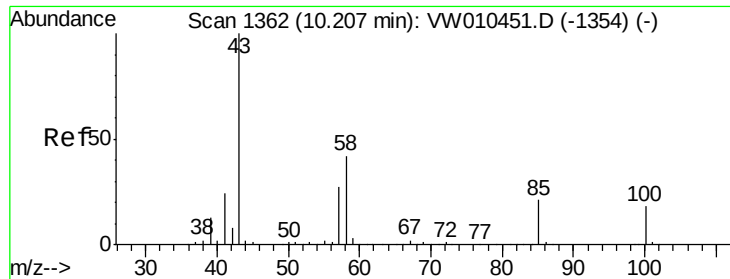
Tot Ion: 88 Resp: 19582
Ion Ratio Lower Upper
88 100
43 29.7 25.9 38.9
58 61.8 52.7 79.1



#50
Toluene-d8
Concen: 49.814 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion: 98 Resp: 302909
Ion Ratio Lower Upper
98 100
100 67.8 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 285.822 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

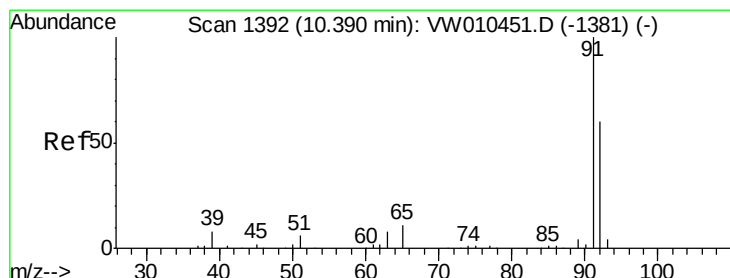
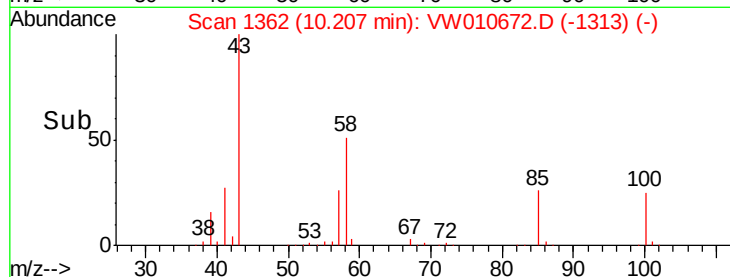
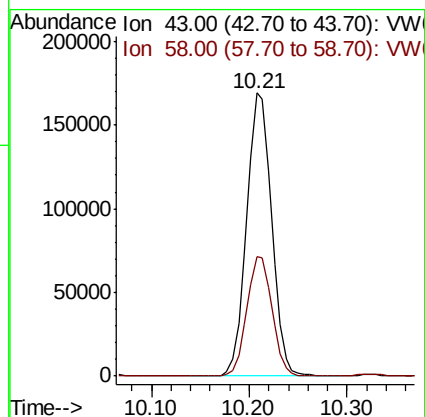
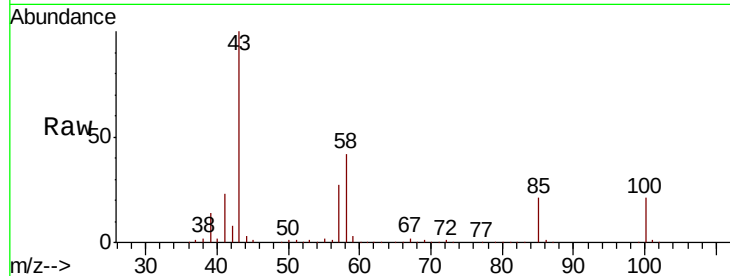
ClientSampled :

Tot Ion: 43 Resp: 300680

Ion Ratio Lower Upper

43 100

58 42.4 33.2 49.8



#52

Toluene

Concen: 57.287 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010672.D

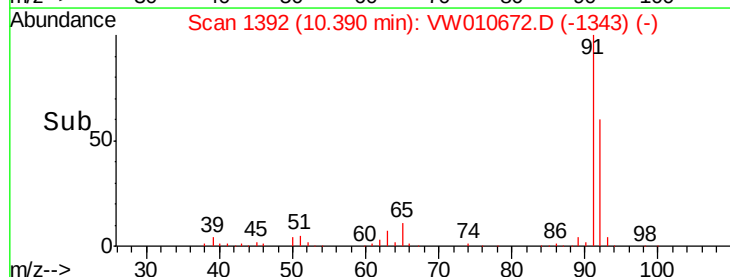
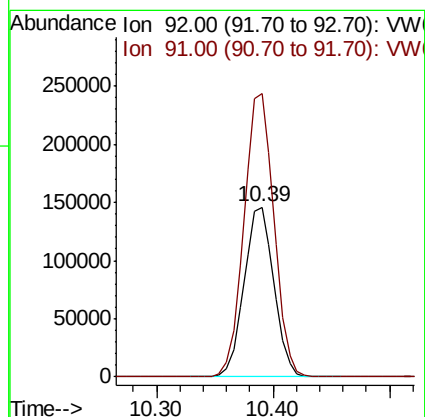
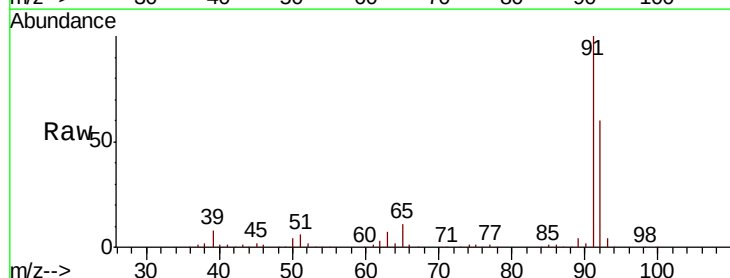
Acq: 03 Jun 2019 21:28

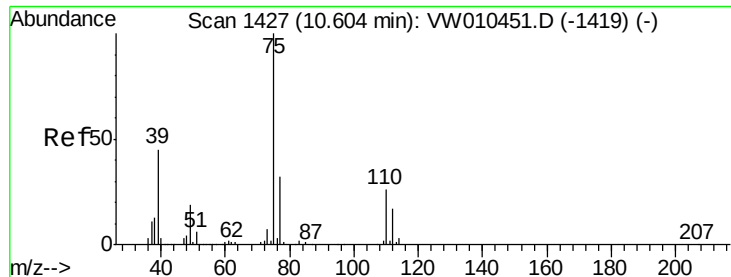
Tgt Ion: 92 Resp: 261309

Ion Ratio Lower Upper

92 100

91 167.8 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 55.366 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

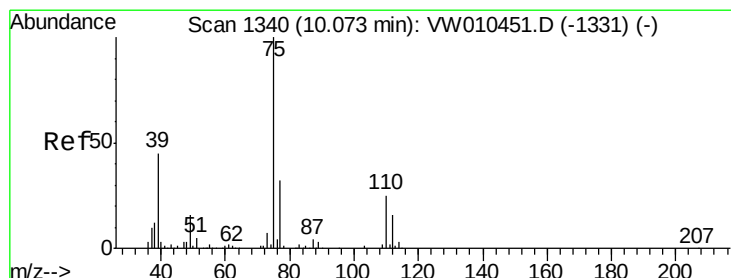
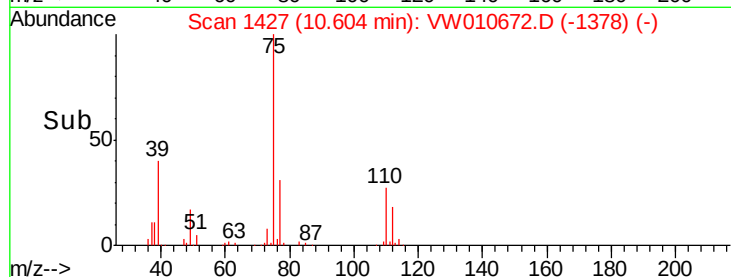
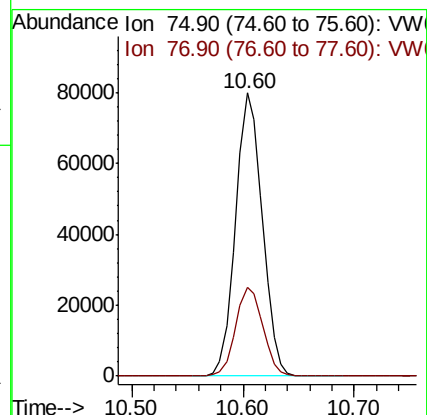
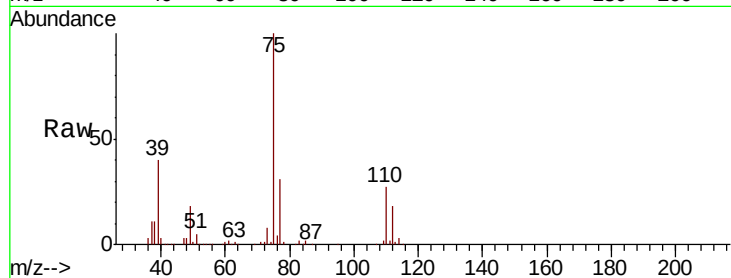
ClientSampleId :

Tot Ion: 75 Resp: 132935

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 57.077 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

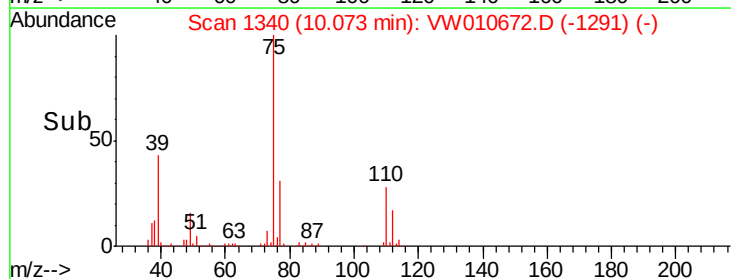
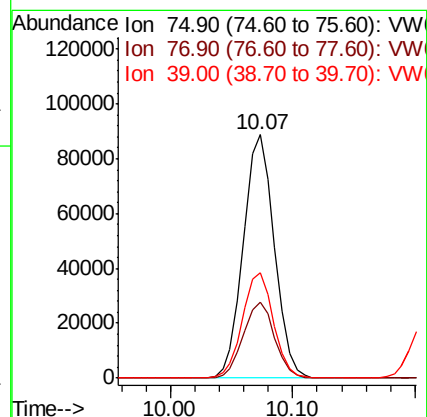
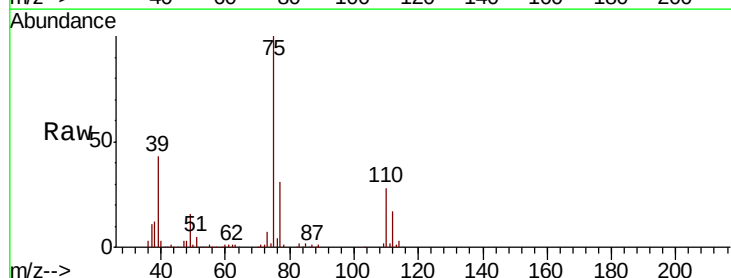
Tgt Ion: 75 Resp: 156510

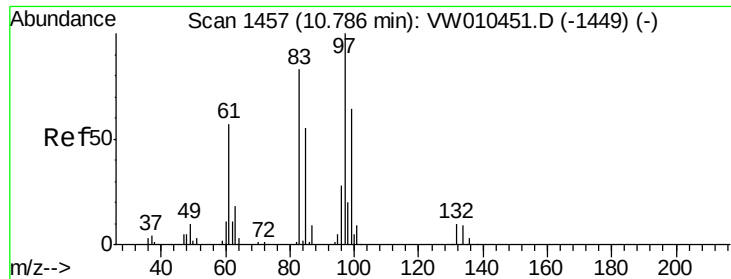
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 43.1 36.2 54.4

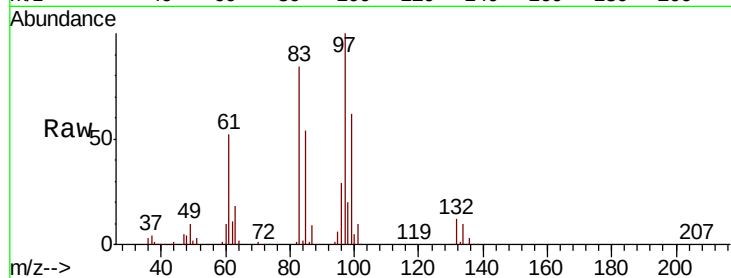




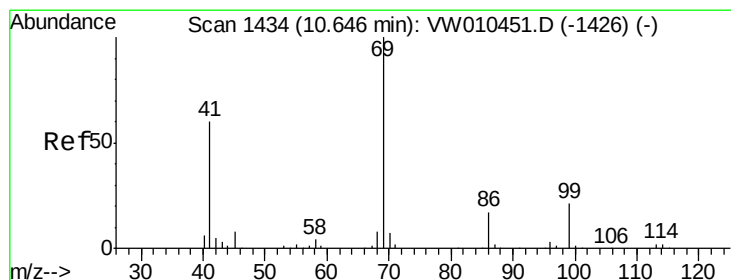
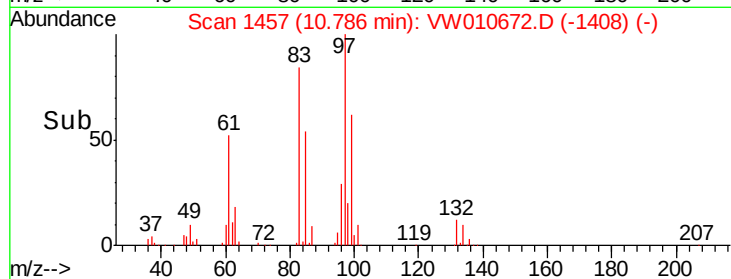
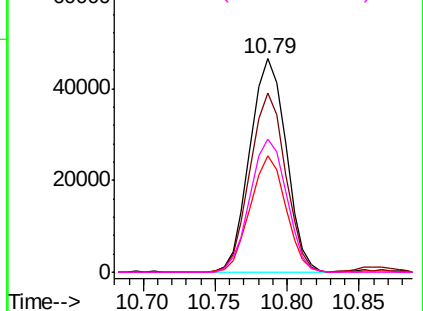
#55
 1,1,2-Trichloroethane
 Concen: 60.083 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	81509
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.1	99.1
85	54.3	44.2	66.4
99	62.1	51.1	76.7

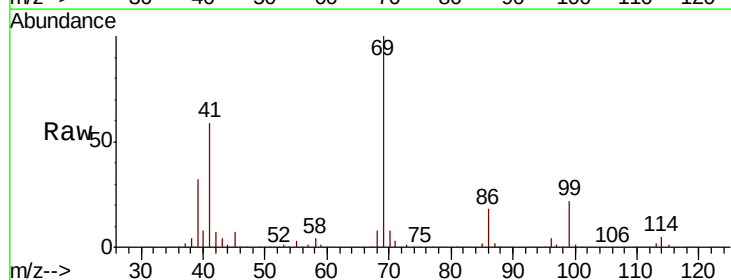


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

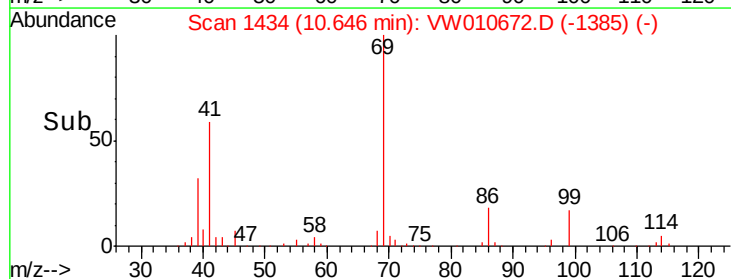
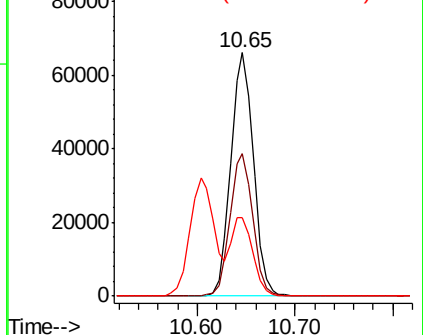


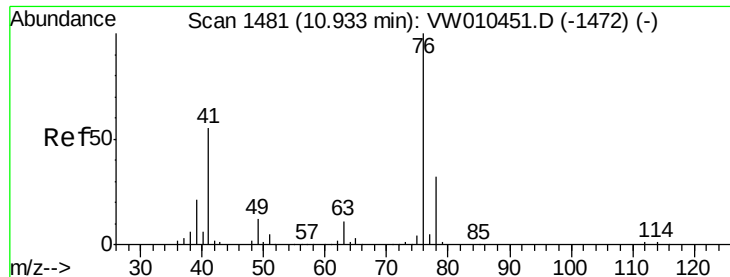
#56
 Ethyl methacrylate
 Concen: 56.791 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Tgt Ion:	69	Resp:	106254
Ion	Ratio	Lower	Upper
69	100		
41	57.8	47.7	71.5
39	30.8	25.3	37.9



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 59.451 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

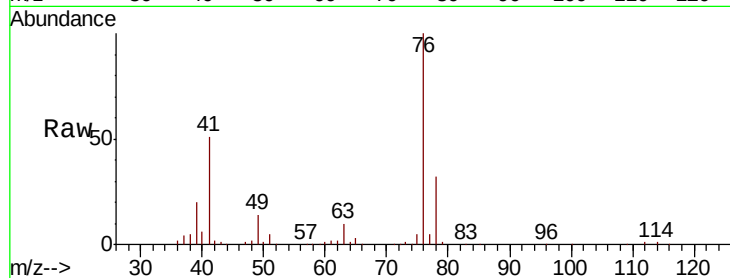
ClientSampled :

Tot Ion: 76 Resp: 135097

Ion Ratio Lower Upper

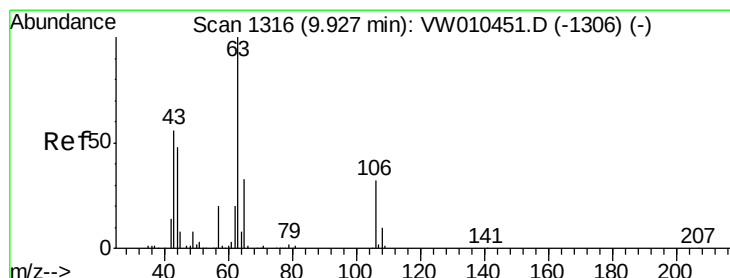
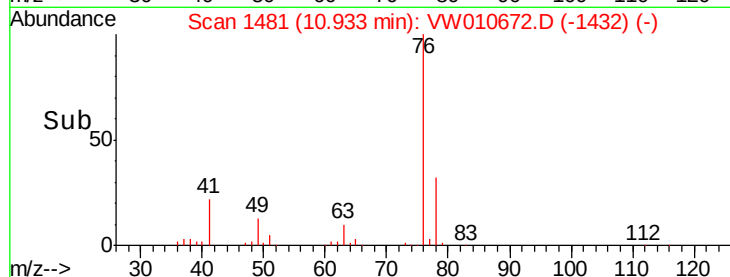
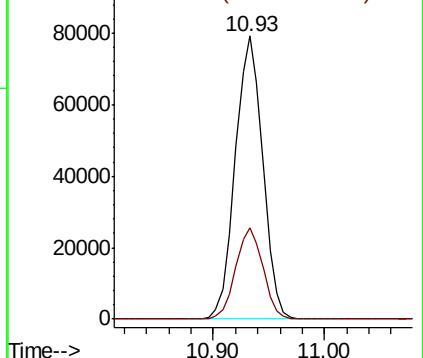
76 100

78 32.0 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 255.832 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW010672.D

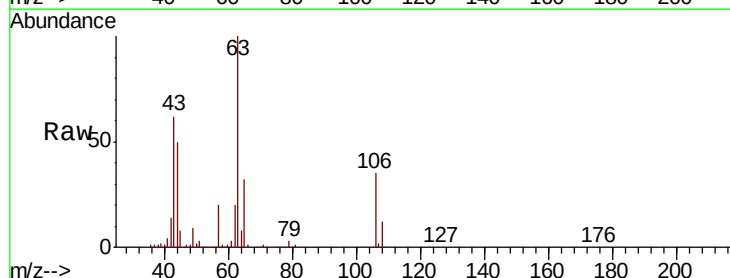
Acq: 03 Jun 2019 21:28

Tgt Ion: 63 Resp: 212011

Ion Ratio Lower Upper

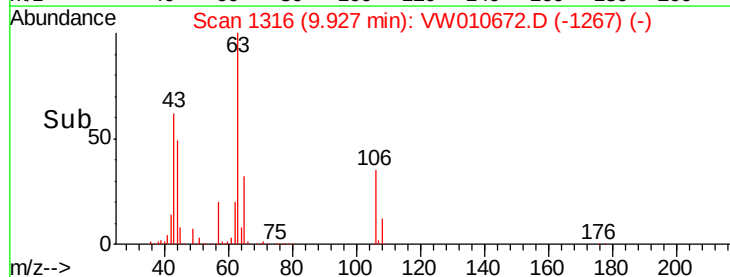
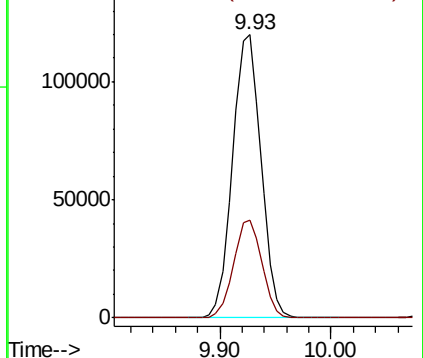
63 100

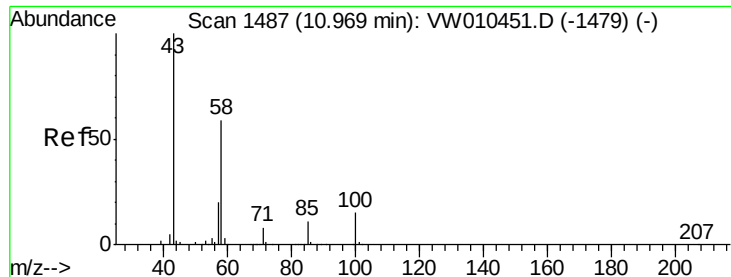
106 34.4 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

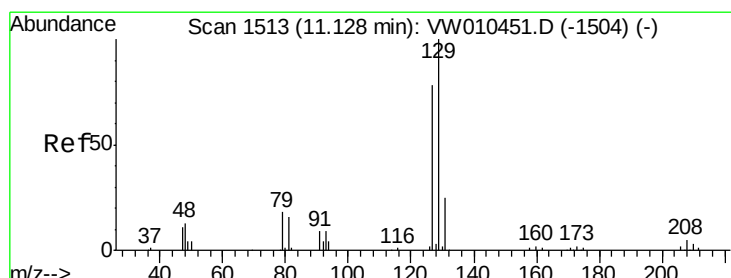
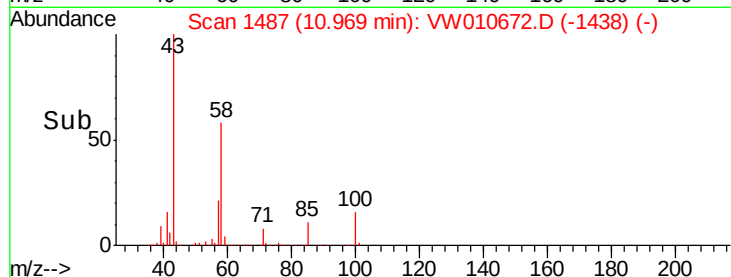
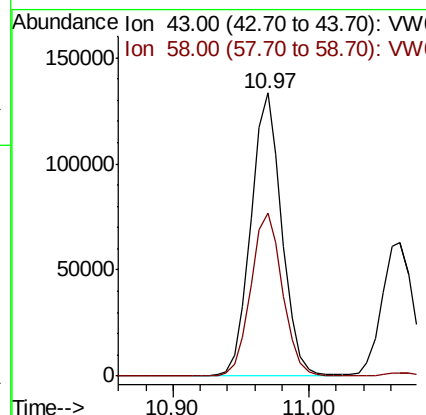
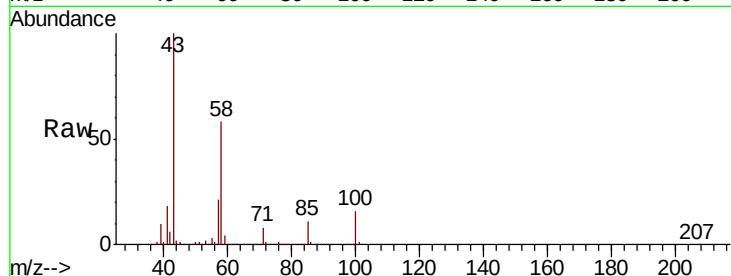




#59
2-Hexanone
Concen: 282.860 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

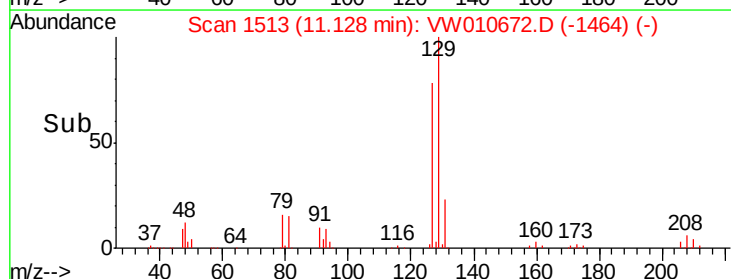
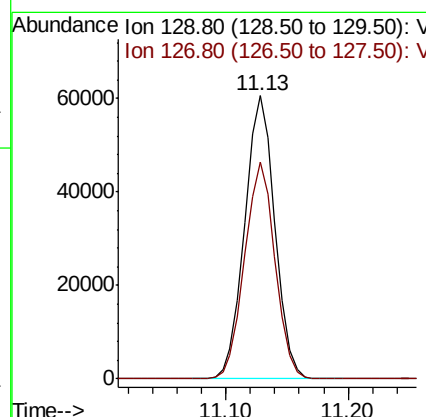
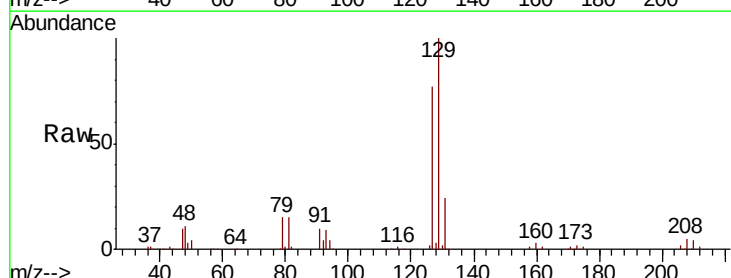
Instrument :
MSVOA_W
ClientSampleId :

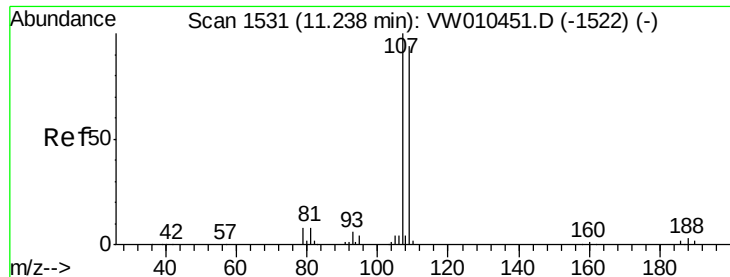
Tot Ion: 43 Resp: 212267
Ion Ratio Lower Upper
43 100
58 59.0 28.9 86.8



#60
Dibromochloromethane
Concen: 60.437 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion: 129 Resp: 103765
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

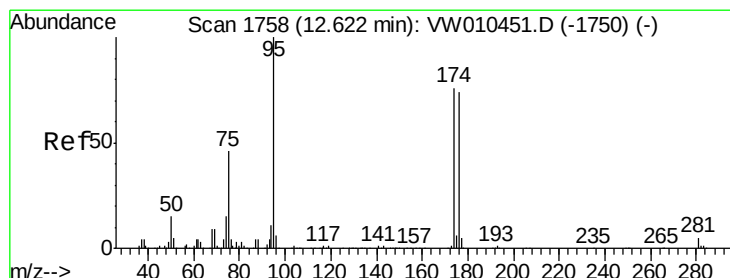
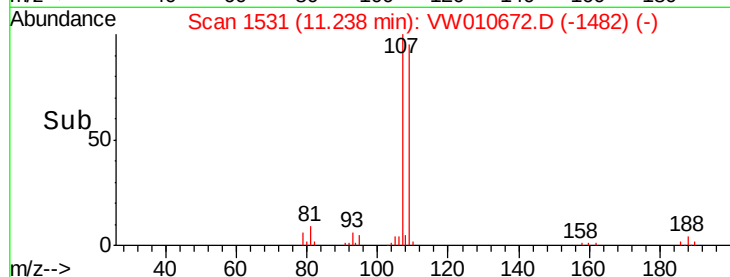
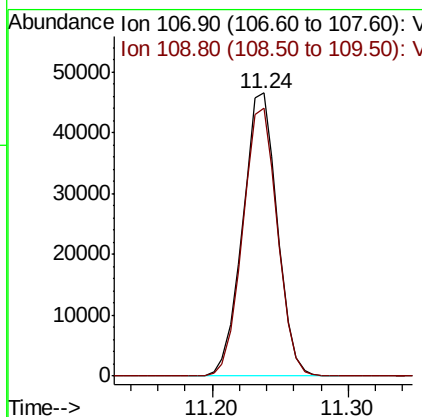
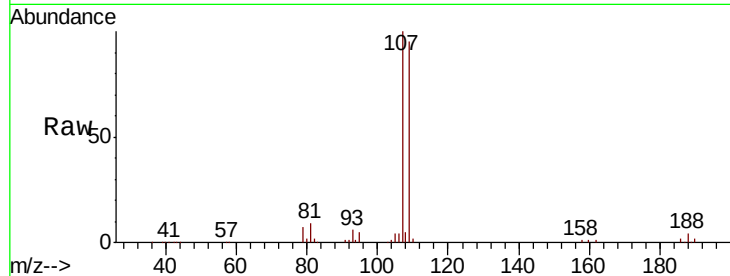




#61
 1,2-Dibromoethane
 Concen: 60.159 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

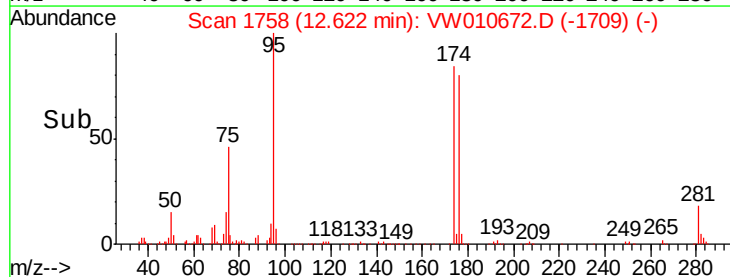
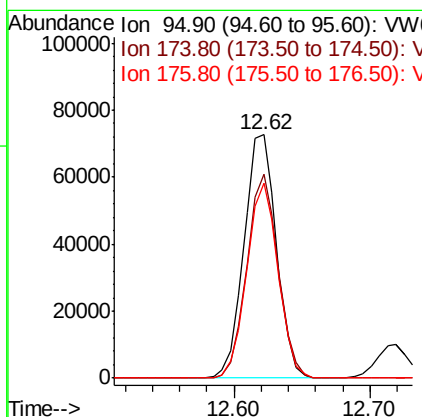
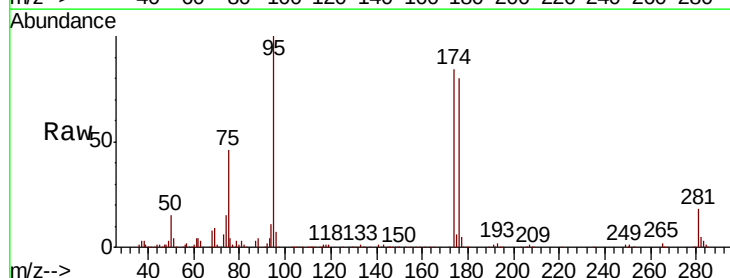
Instrument :
 MSVOA_W
 ClientSampled :

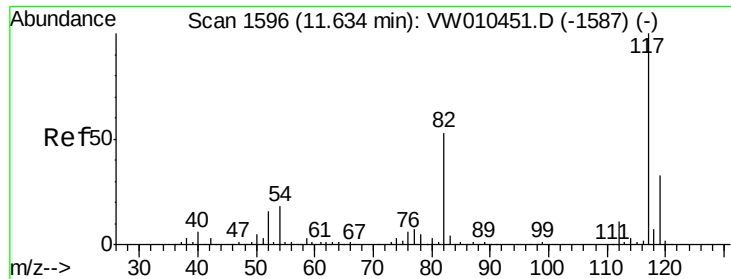
Tot Ion: 107 Resp: 82671
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.972 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Tgt Ion: 95 Resp: 121036
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 148.6
 176 77.8 0.0 144.2

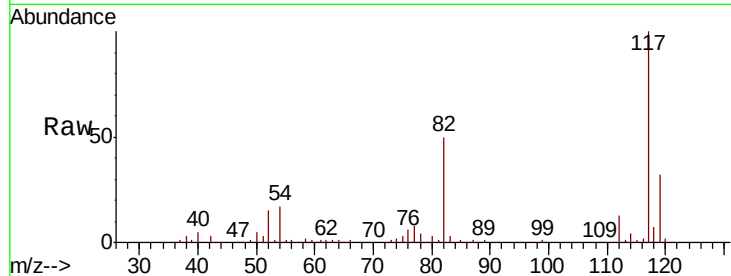




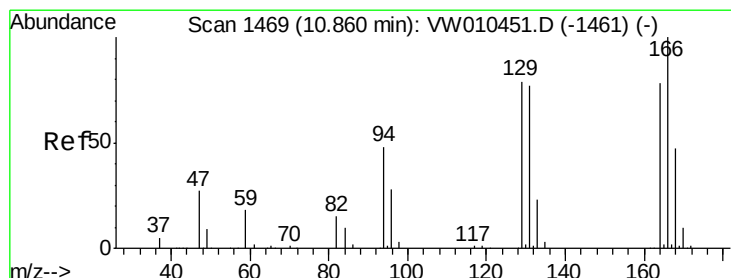
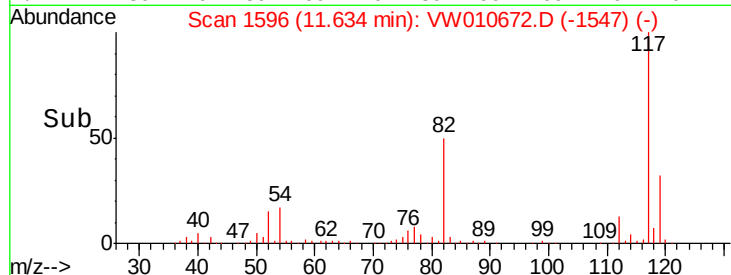
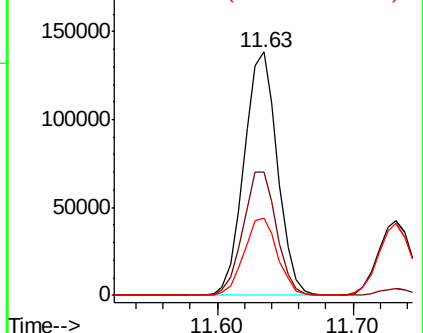
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 236652
Ion Ratio Lower Upper
117 100
82 50.5 42.8 64.2
119 31.8 26.3 39.5

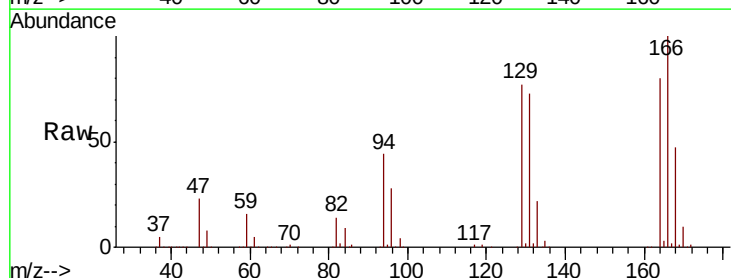


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

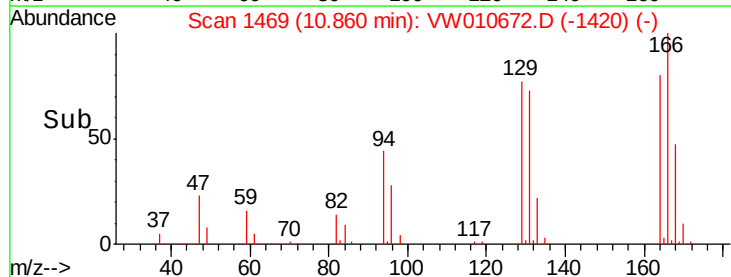
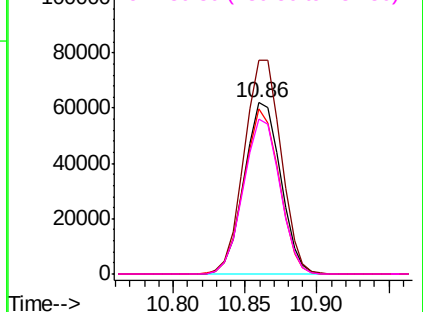


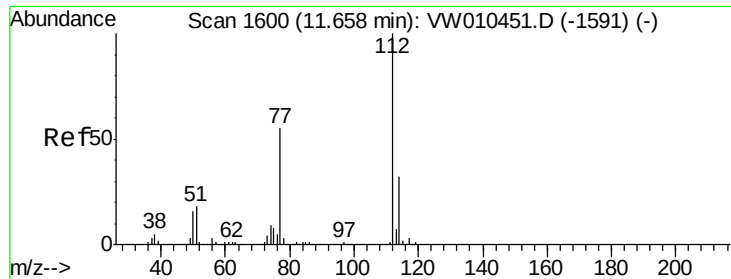
#64
Tetrachloroethene
Concen: 65.763 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion:164 Resp: 108489
Ion Ratio Lower Upper
164 100
166 124.9 101.9 152.9
129 96.6 80.6 121.0
131 90.6 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

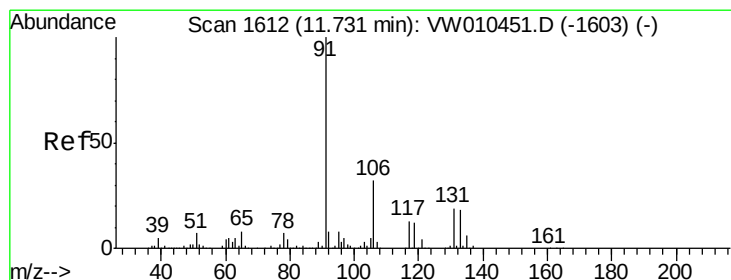
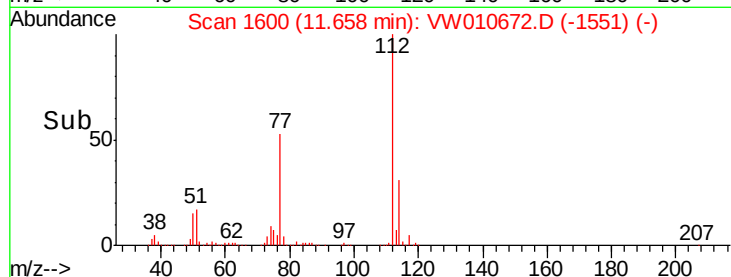
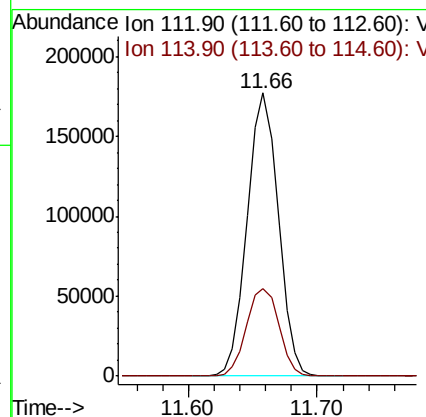
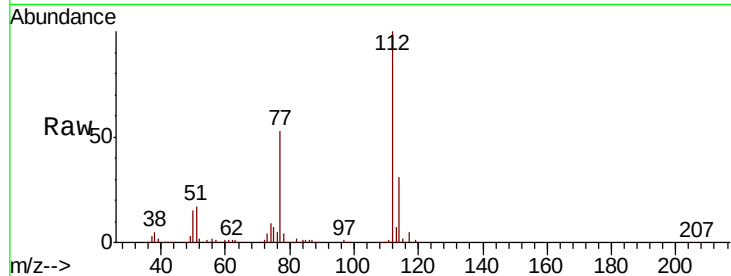




#65
Chlorobenzene
Concen: 58.623 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

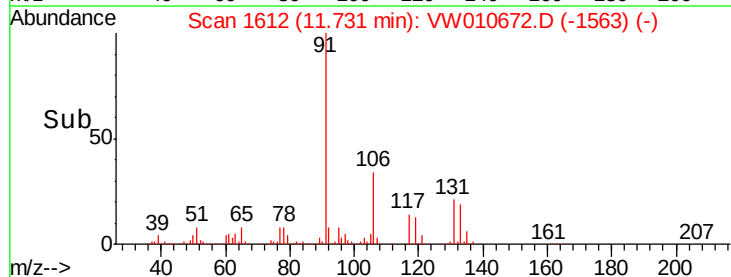
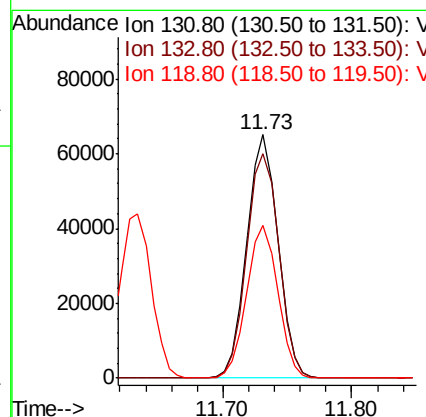
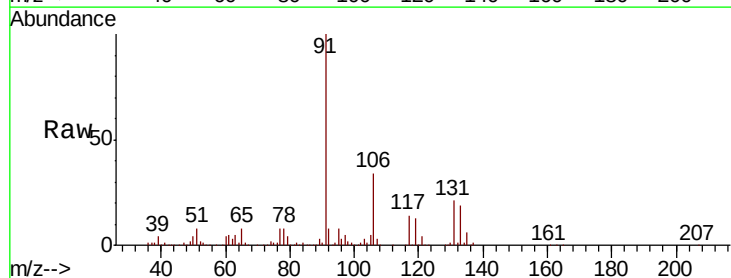
Instrument :
MSVOA_W
ClientSampleId :

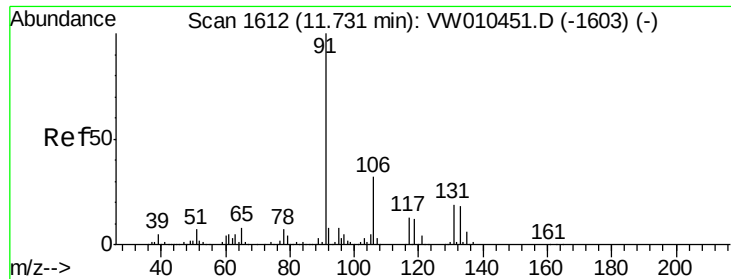
Tot Ion:112 Resp: 295669
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 60.242 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion:131 Resp: 108841
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 62.9 32.1 96.5

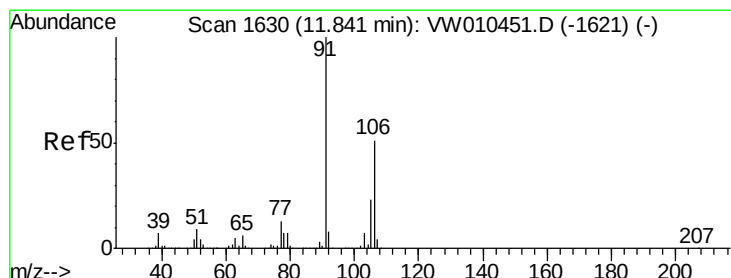
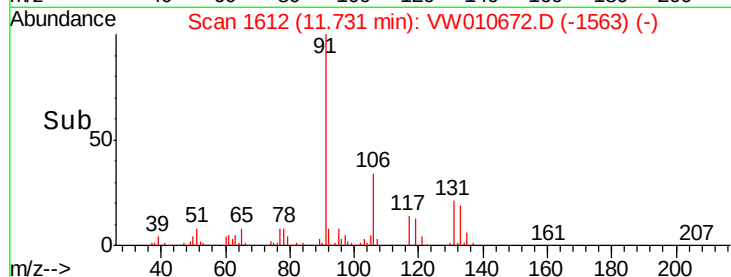
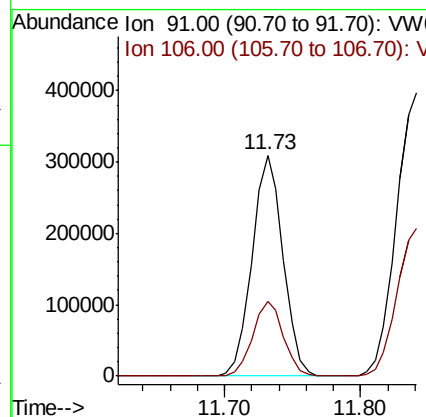
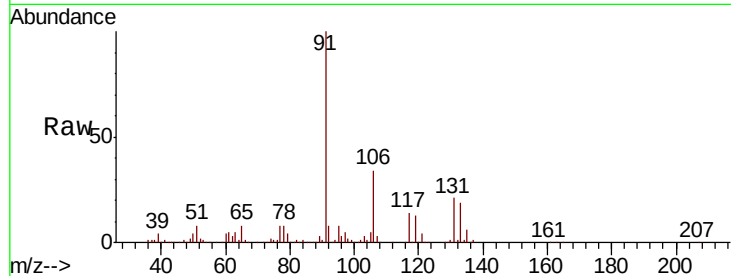




#67
Ethyl Benzene
Concen: 55.354 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

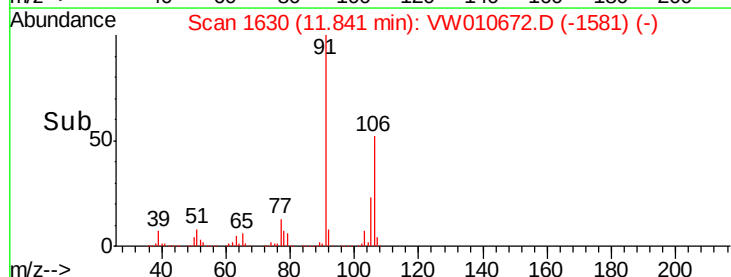
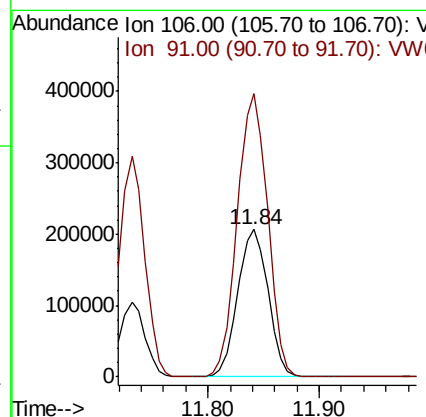
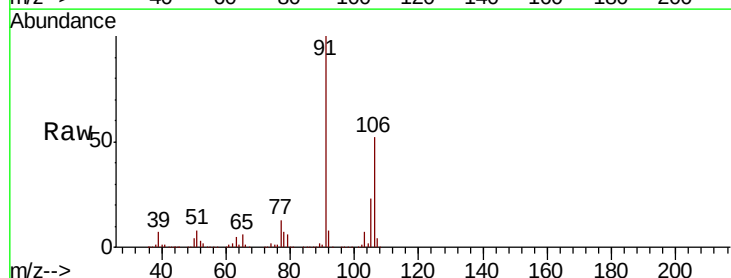
Instrument :
MSVOA_W
ClientSampled :

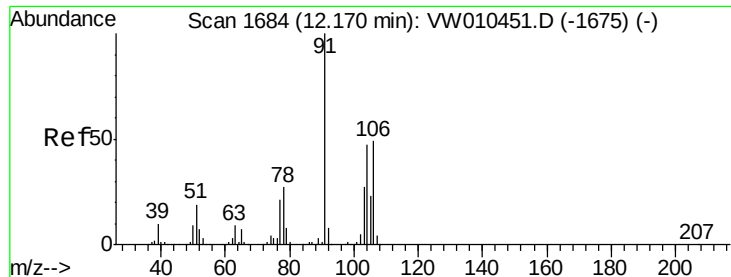
Tot Ion: 91 Resp: 492908
Ion Ratio Lower Upper
91 100
106 33.8 25.9 38.9



#68
m/p-Xylenes
Concen: 111.692 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion: 106 Resp: 390105
Ion Ratio Lower Upper
106 100
91 192.0 156.0 234.0

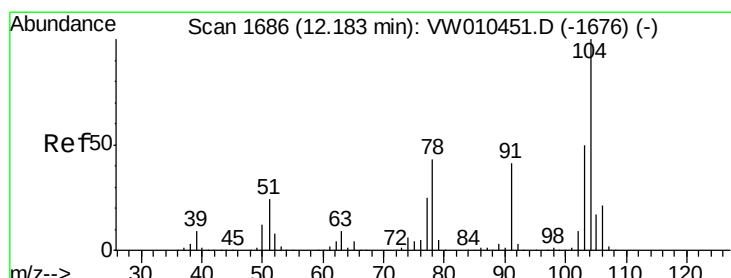
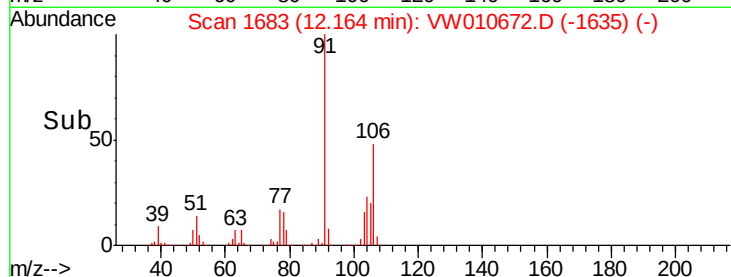
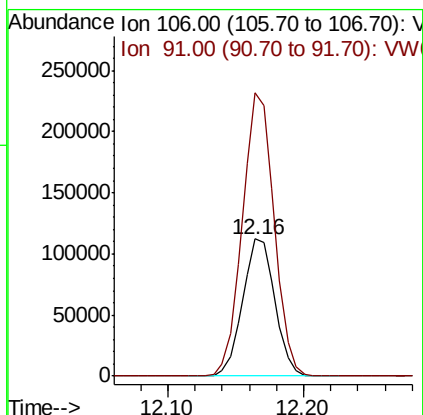
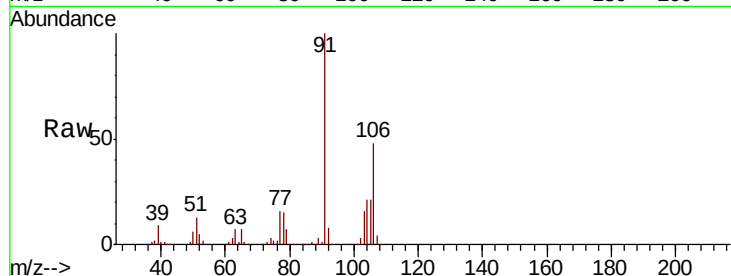




#69
o-Xylene
Concen: 56.279 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

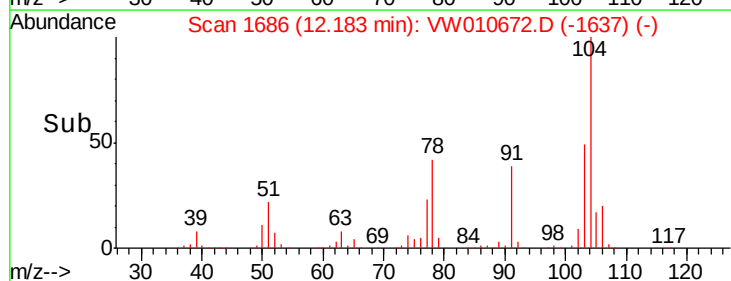
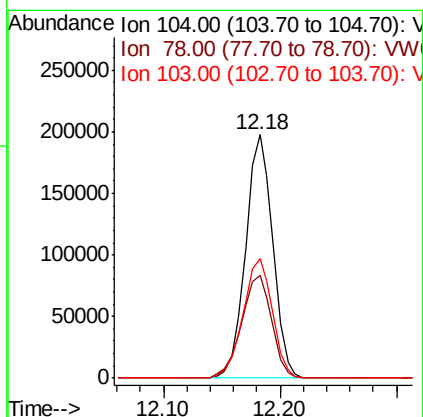
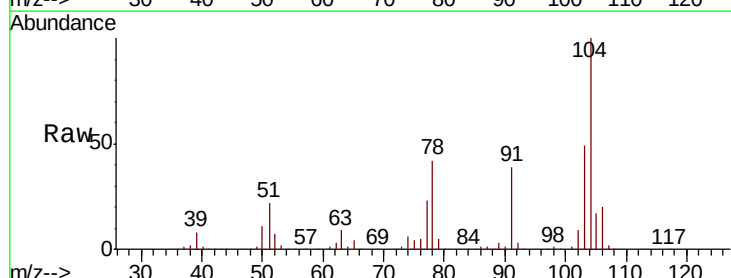
Instrument :
MSVOA_W
ClientSampled :

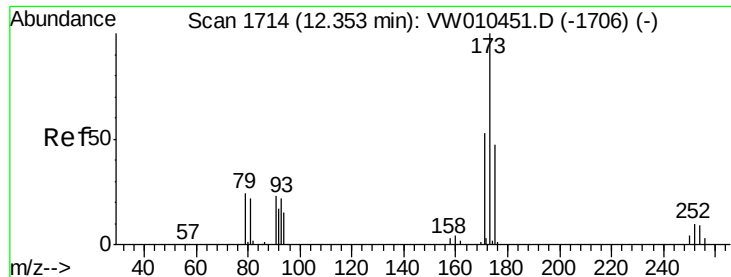
Tot Ion:106 Resp: 186236
Ion Ratio Lower Upper
106 100
91 203.1 103.2 309.4



#70
Styrene
Concen: 57.118 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion:104 Resp: 320698
Ion Ratio Lower Upper
104 100
78 47.0 39.0 58.4
103 53.3 43.0 64.6





#71

Bromoform

Concen: 59.979 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

ClientSampleId :

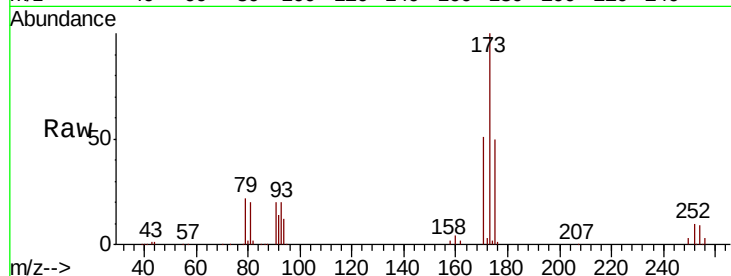
Tot Ion:173 Resp: 59675

Ion Ratio Lower Upper

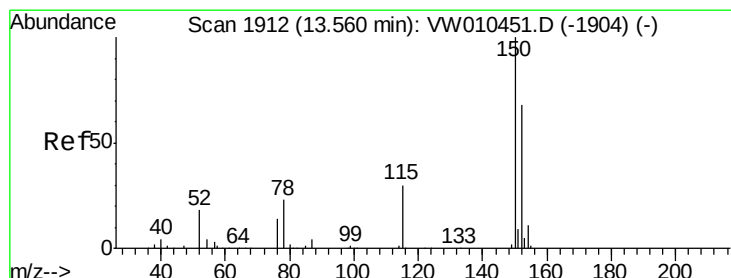
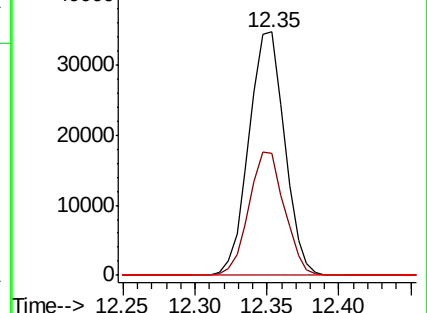
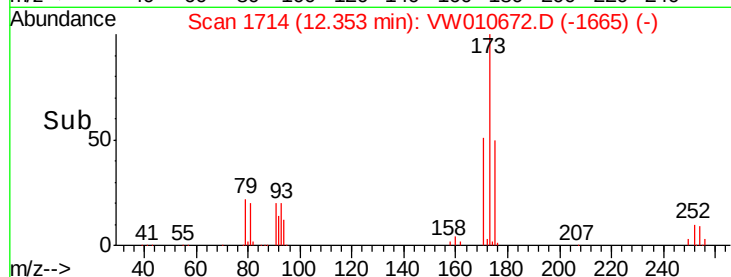
173 100

175 50.3 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: VW010672.D

Acq: 03 Jun 2019 21:28

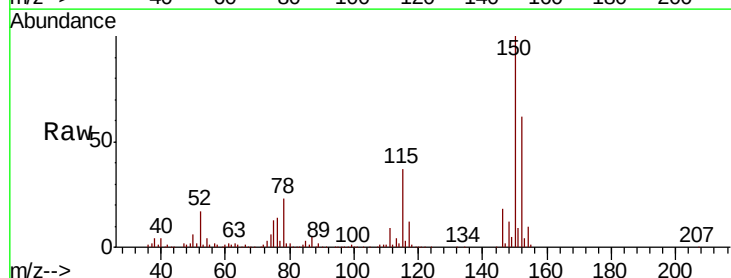
Tgt Ion:152 Resp: 118153

Ion Ratio Lower Upper

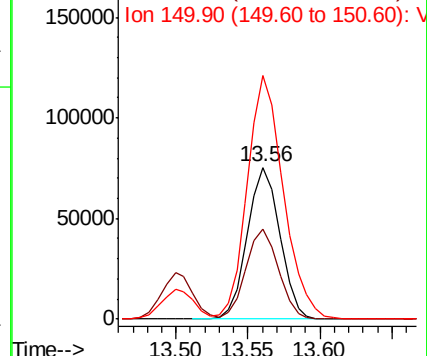
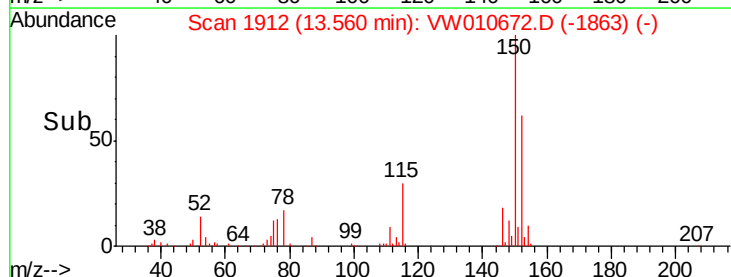
152 100

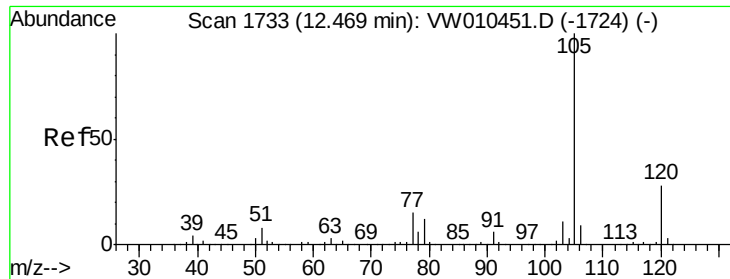
115 59.1 30.3 91.0

150 177.7 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: 53.865 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

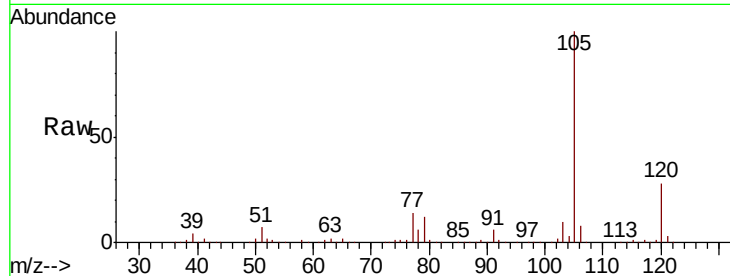
ClientSampleId :

Tot Ion:105 Resp: 505026

Ion Ratio Lower Upper

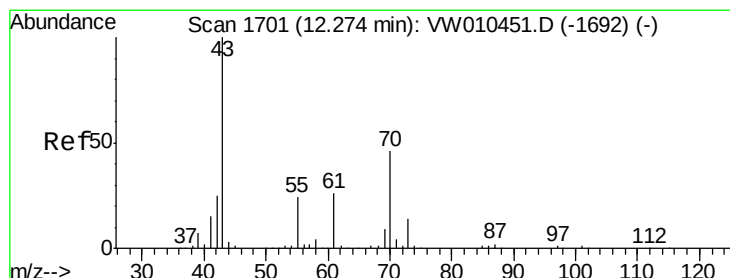
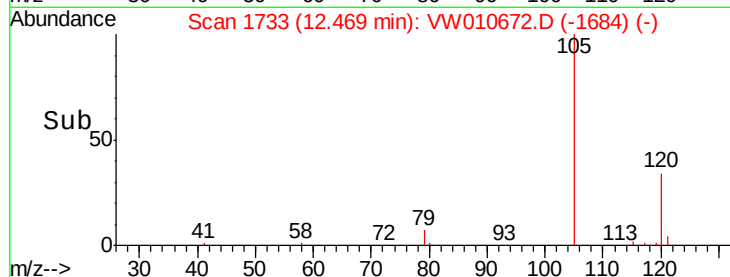
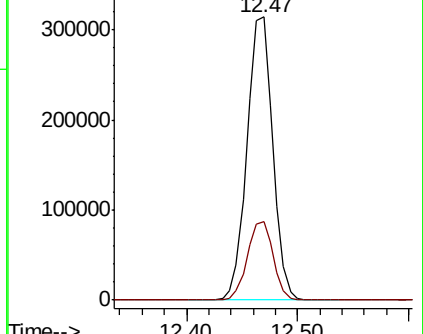
105 100

120 27.9 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.053 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Tgt Ion: 43 Resp: 109689

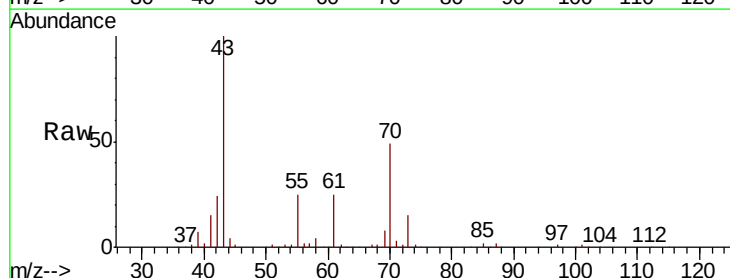
Ion Ratio Lower Upper

43 100

70 49.5 37.1 55.7

55 25.8 19.6 29.4

61 26.1 20.7 31.1

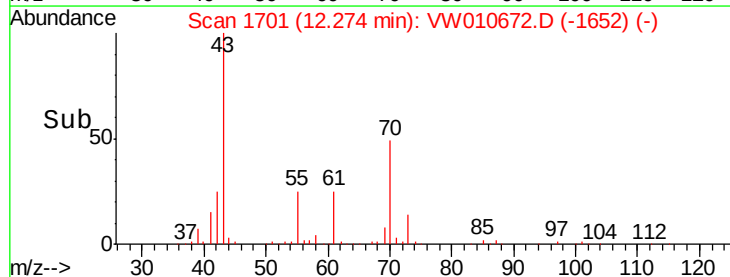
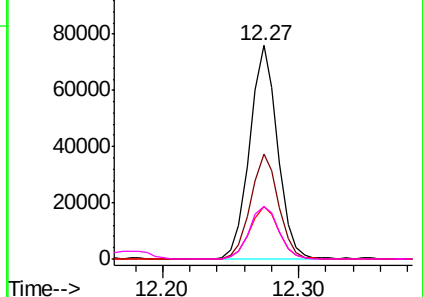


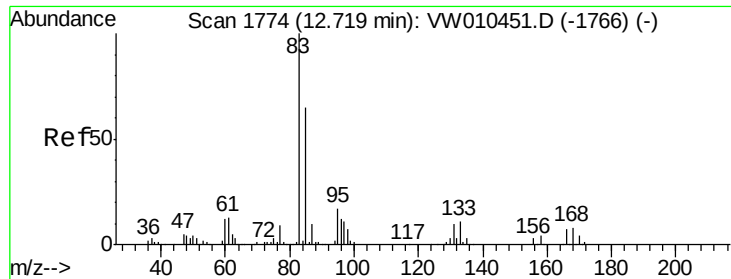
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 55.528 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

ClientSampleId :

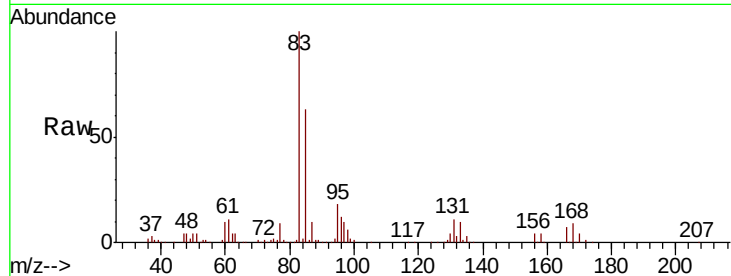
Tot Ion: 83 Resp: 94694

Ion Ratio Lower Upper

83 100

131 12.3 5.6 16.8

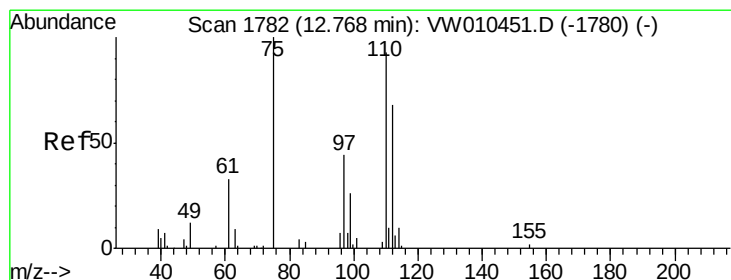
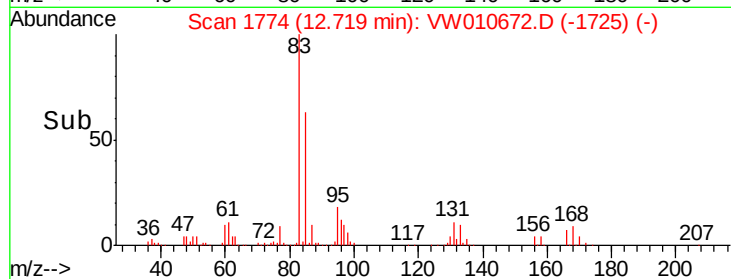
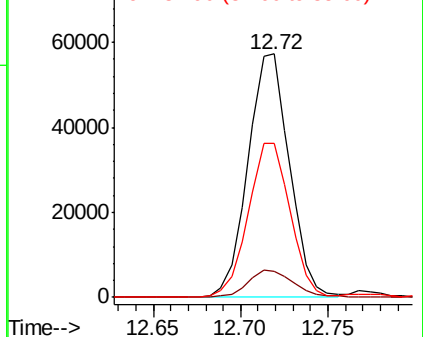
85 63.8 32.4 97.0



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: 96.748 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010672.D

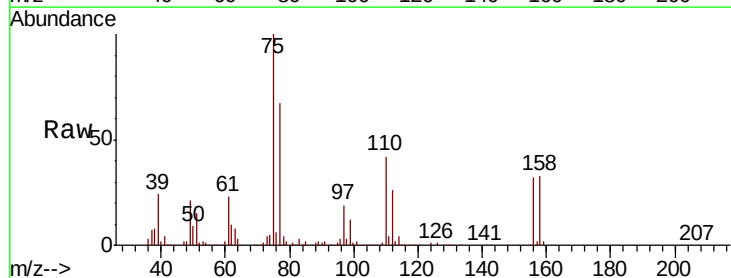
Acq: 03 Jun 2019 21:28

Tgt Ion: 75 Resp: 116032

Ion Ratio Lower Upper

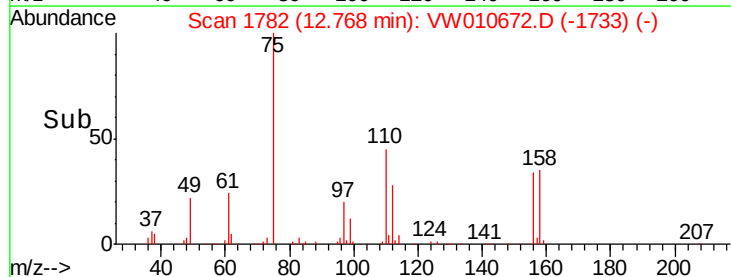
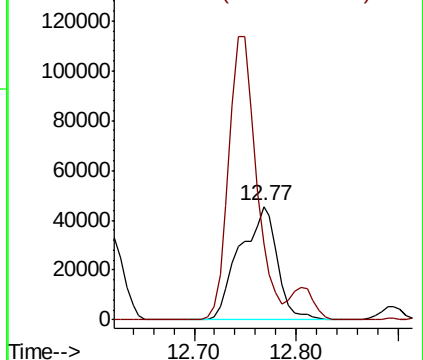
75 100

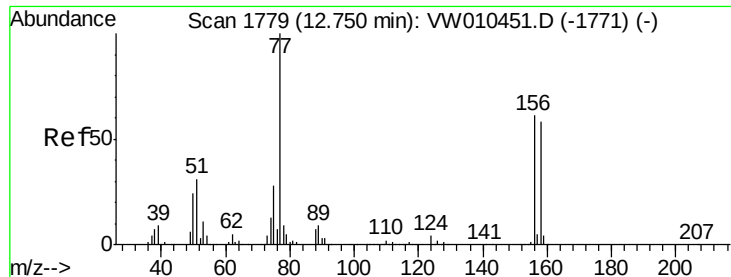
77 0.0 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 60.930 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

ClientSampled :

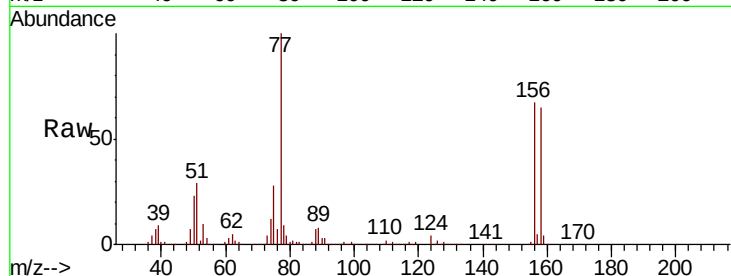
Tot Ion:156 Resp: 127839

Ion Ratio Lower Upper

156 100

77 167.4 92.4 277.2

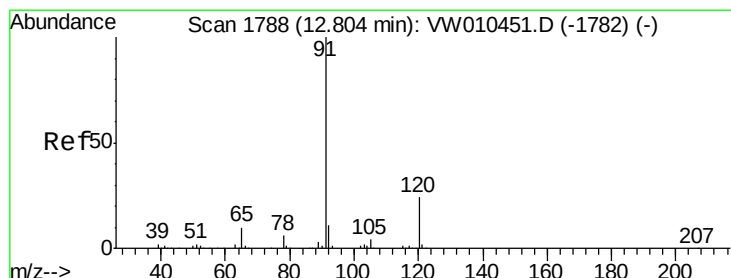
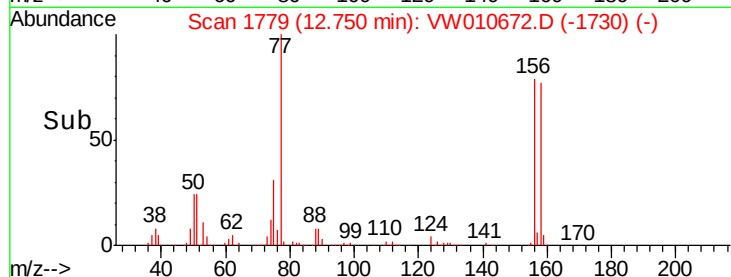
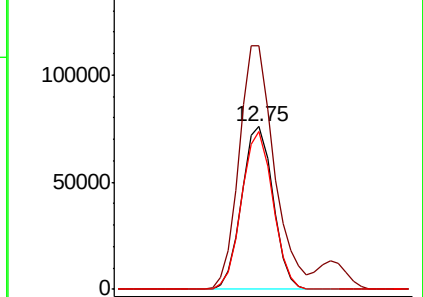
158 96.6 48.3 144.8



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: 51.634 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010672.D

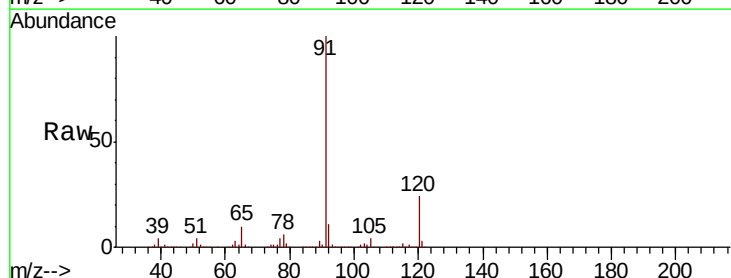
Acq: 03 Jun 2019 21:28

Tgt Ion: 91 Resp: 564177

Ion Ratio Lower Upper

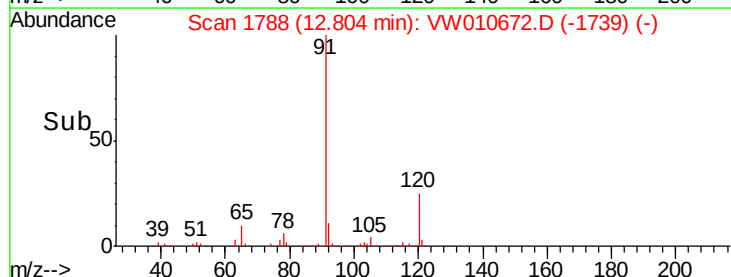
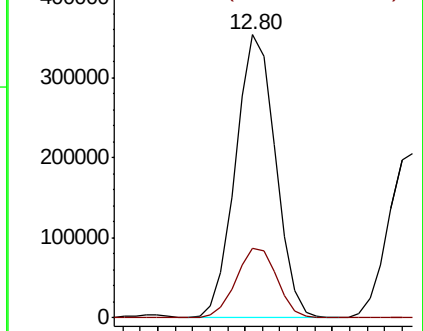
91 100

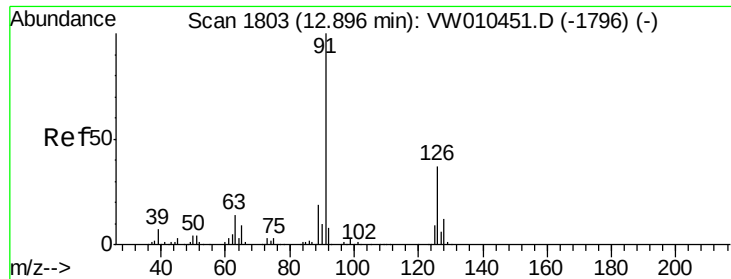
120 25.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.009 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

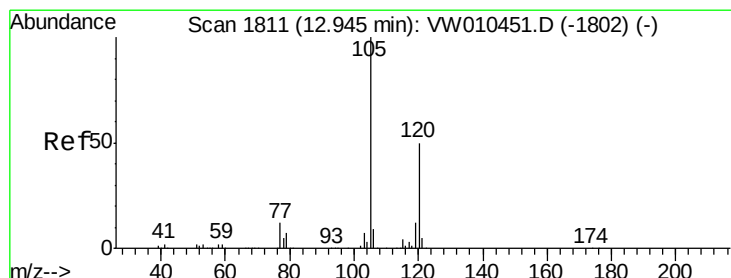
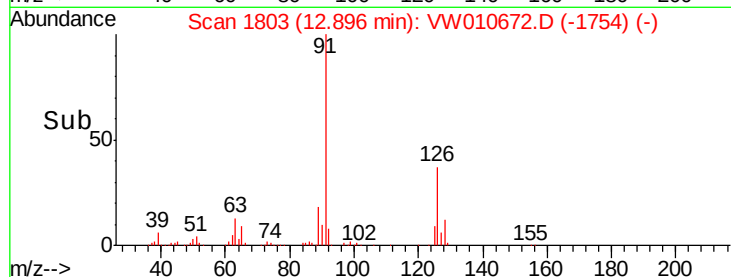
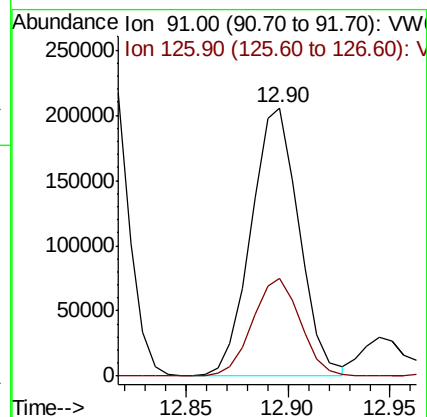
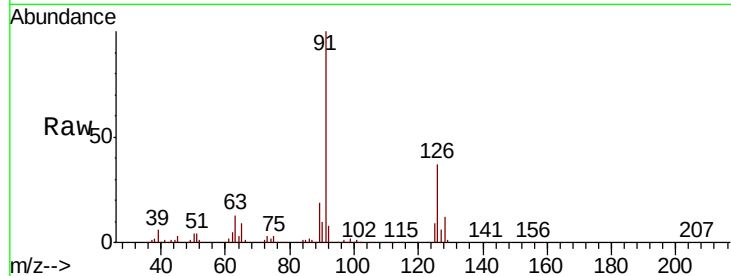
ClientSampleId :

Tot Ion: 91 Resp: 335889

Ion Ratio Lower Upper

91 100

126 36.3 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 53.244 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010672.D

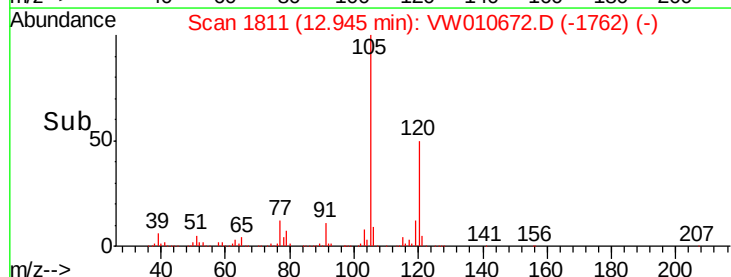
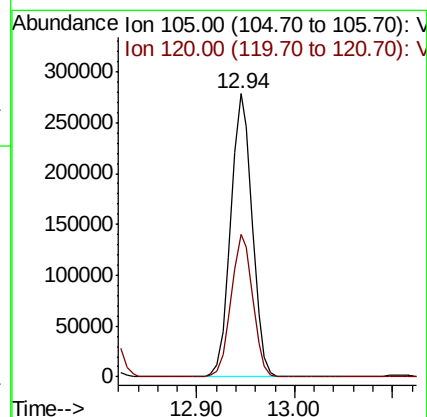
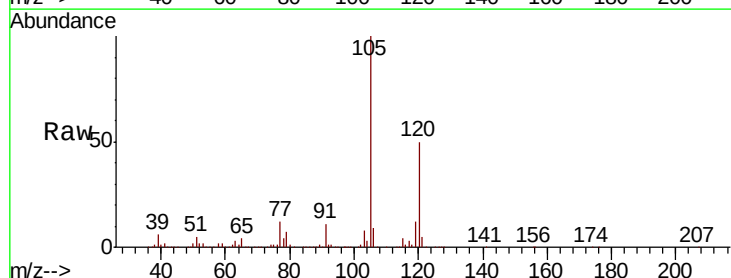
Acq: 03 Jun 2019 21:28

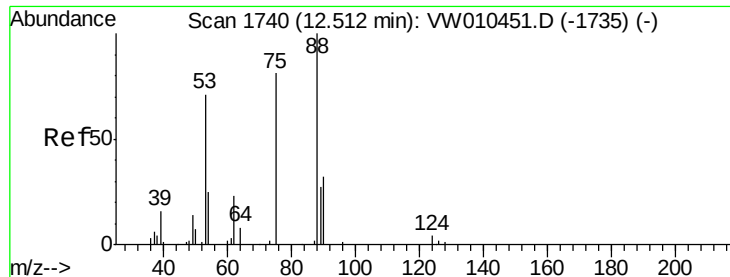
Tgt Ion: 105 Resp: 422796

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6

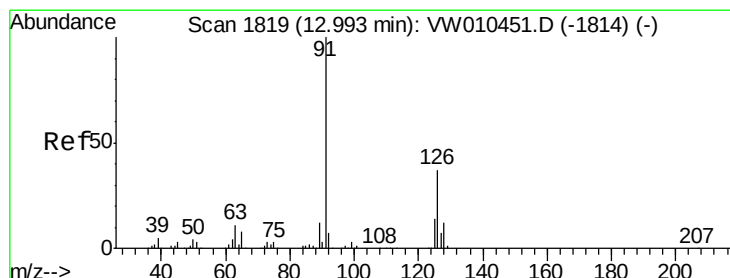
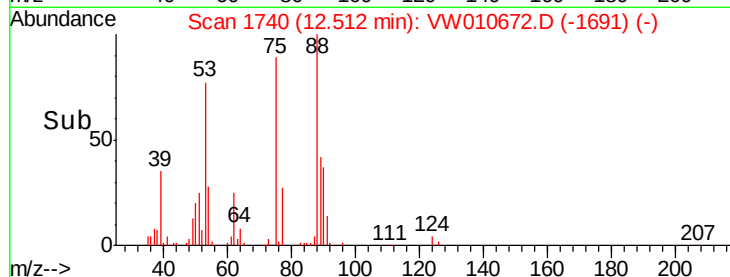
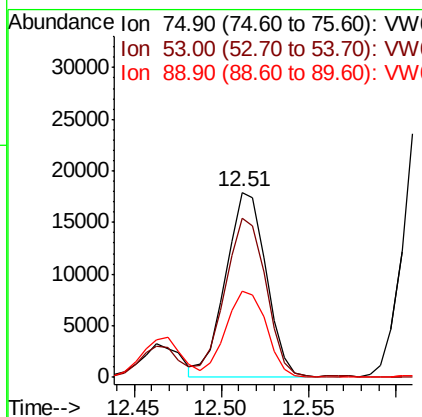
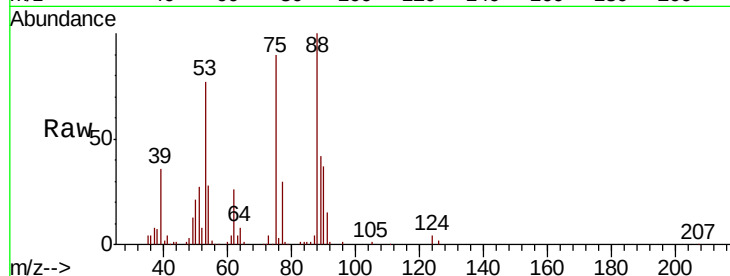




#81
trans-1,4-Dichloro-2-butene
Concen: 50.442 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

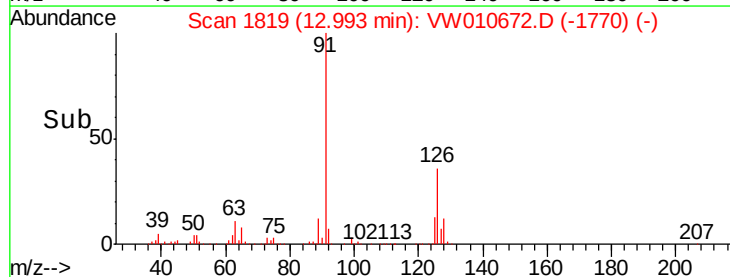
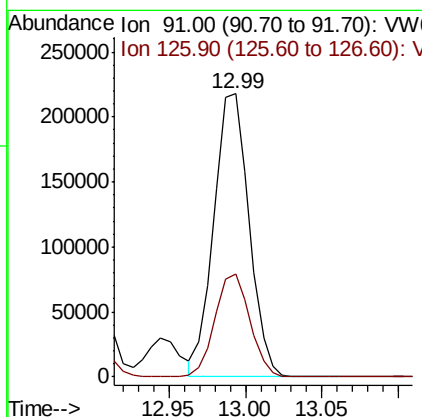
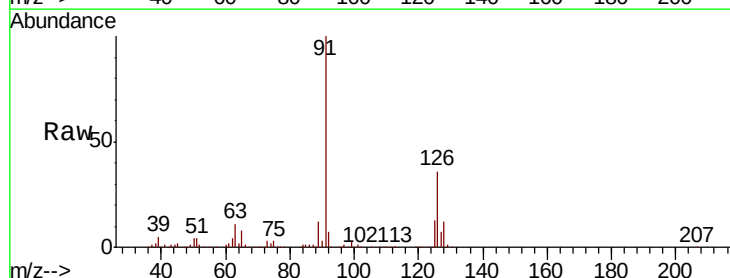
Instrument :
MSVOA_W
ClientSampled :

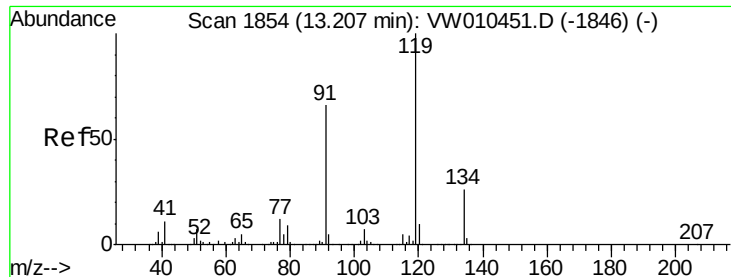
Tot Ion: 75 Resp: 28987
Ion Ratio Lower Upper
75 100
53 86.7 69.8 104.8
89 46.6 39.5 59.3



#82
4-Chlorotoluene
Concen: 52.948 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion: 91 Resp: 348235
Ion Ratio Lower Upper
91 100
126 36.2 17.5 52.6

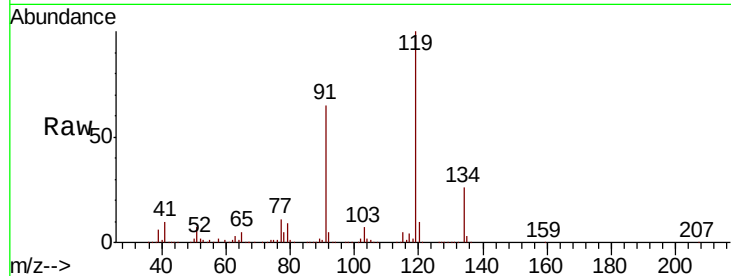




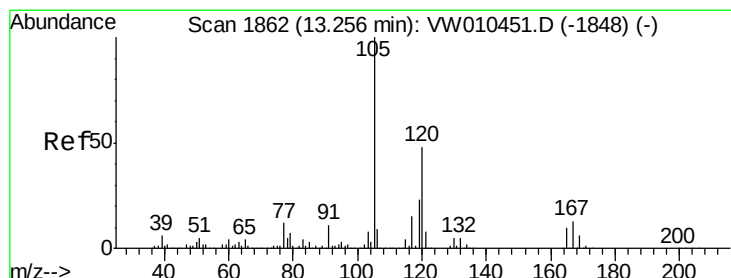
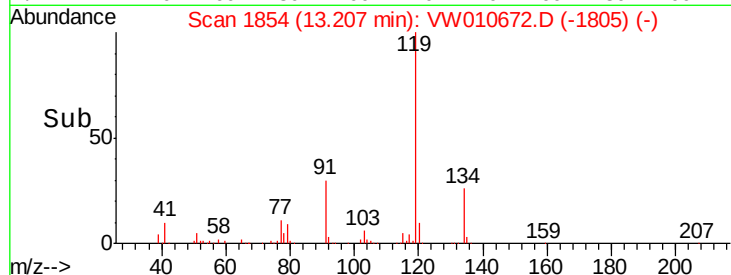
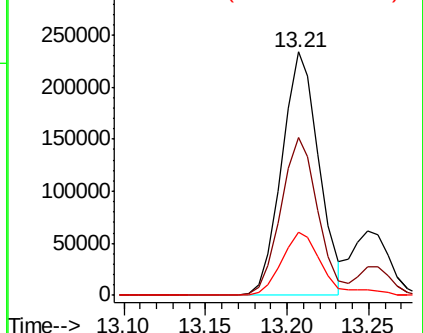
#83
tert-Butylbenzene
Concen: 53.352 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 370068
Ion Ratio Lower Upper
119 100
91 65.0 33.1 99.5
134 28.4 13.9 41.6

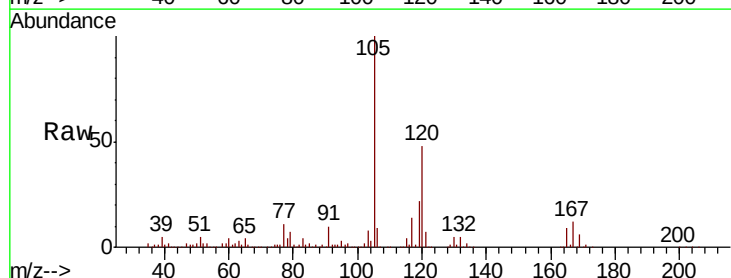


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

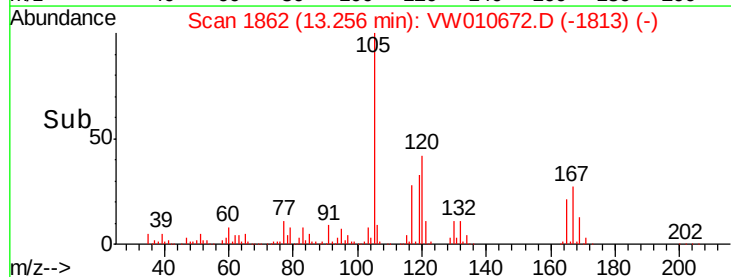
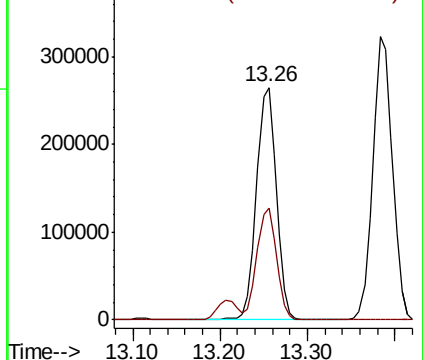


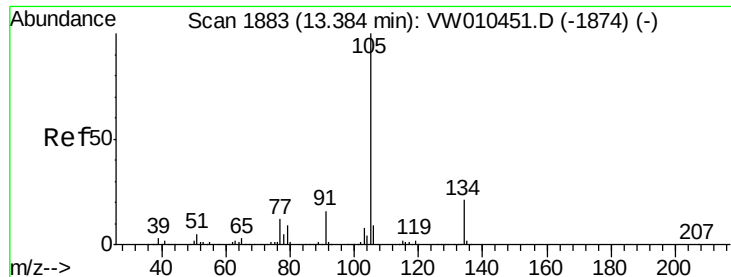
#84
1,2,4-Trimethylbenzene
Concen: 53.001 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010672.D
Acq: 03 Jun 2019 21:28

Tgt Ion:105 Resp: 419172
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.2



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





#85

sec-Butylbenzene

Concen: 51.947 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

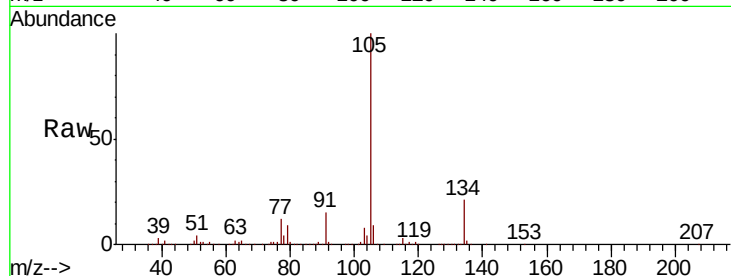
ClientSampleId :

Tot Ion:105 Resp: 504246

Ion Ratio Lower Upper

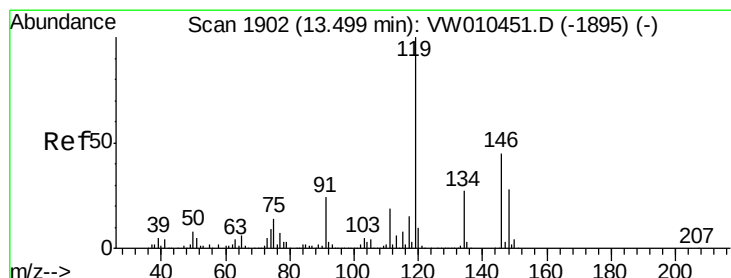
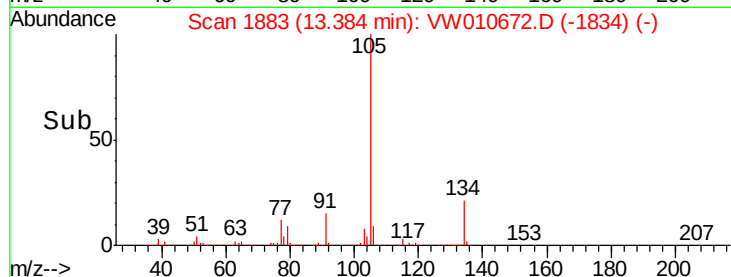
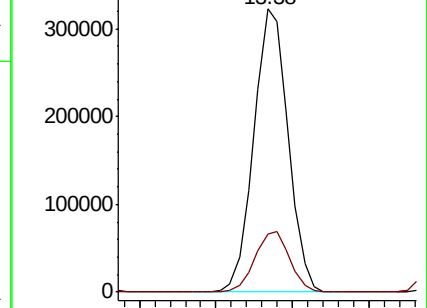
105 100

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: 52.687 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

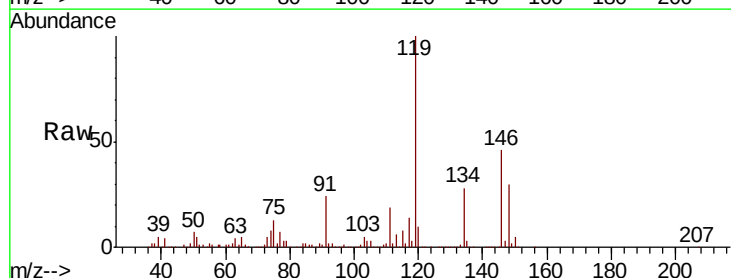
Tgt Ion:119 Resp: 462913

Ion Ratio Lower Upper

119 100

134 27.7 13.6 40.7

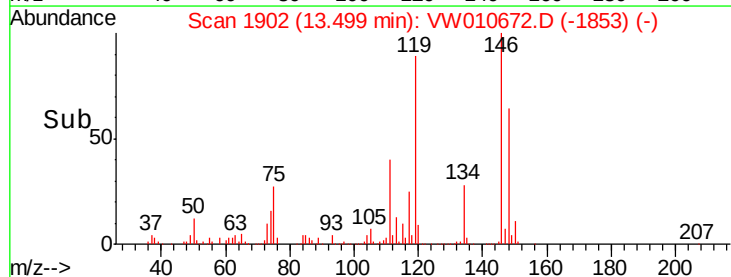
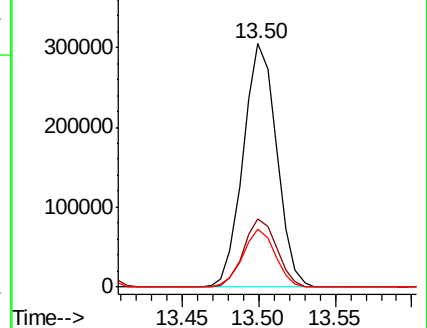
91 23.1 11.9 35.7

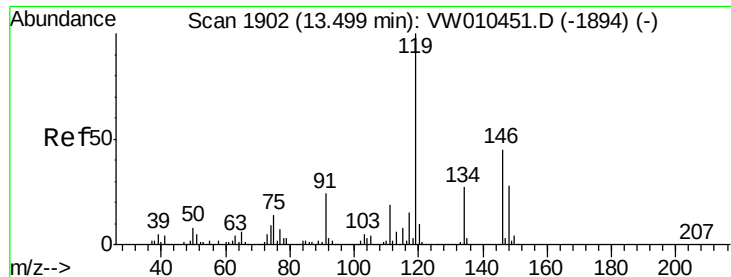


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

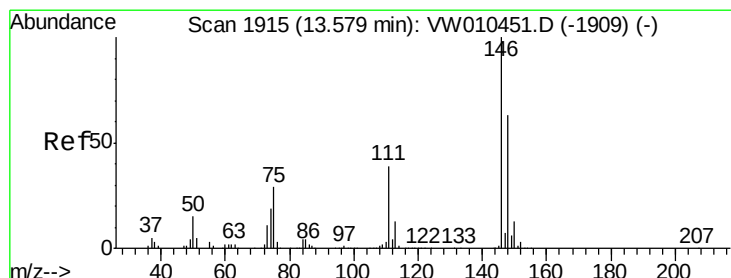
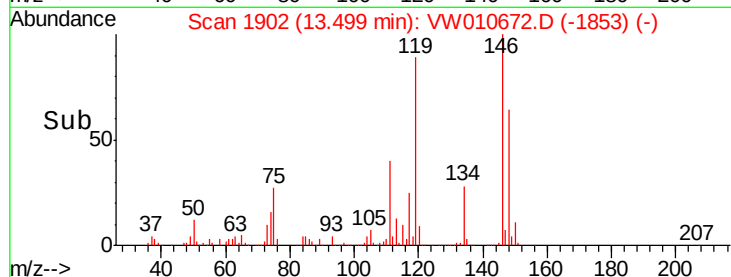
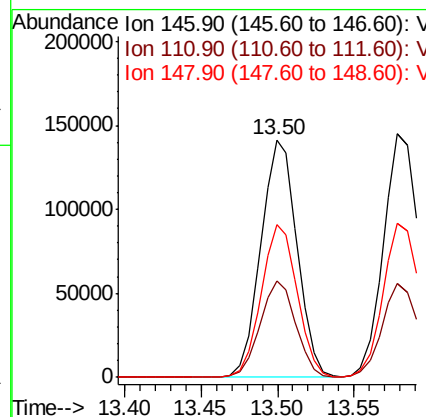
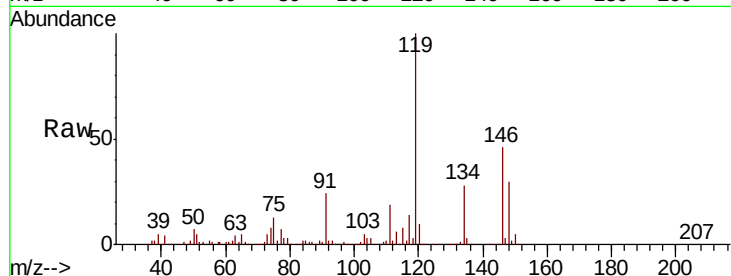




#87
 1,3-Dichlorobenzene
 Concen: 56.469 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

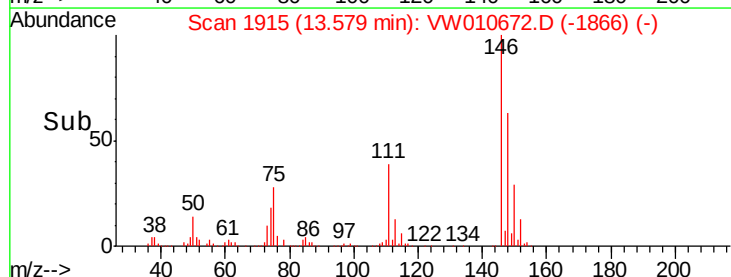
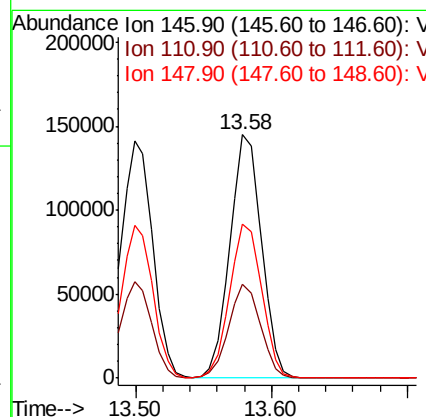
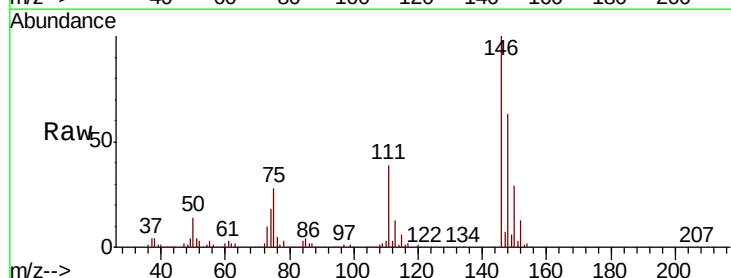
Instrument :
 MSVOA_W
 ClientSampleId :

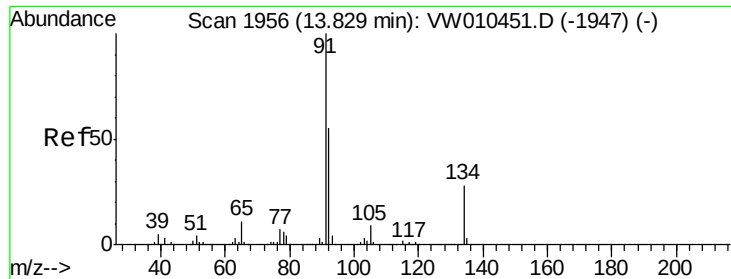
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	63.8	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 56.713 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.6
148	64.4	31.6	94.8





#89

n-Butylbenzene

Concen: 50.093 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Instrument :

MSVOA_W

ClientSampleId :

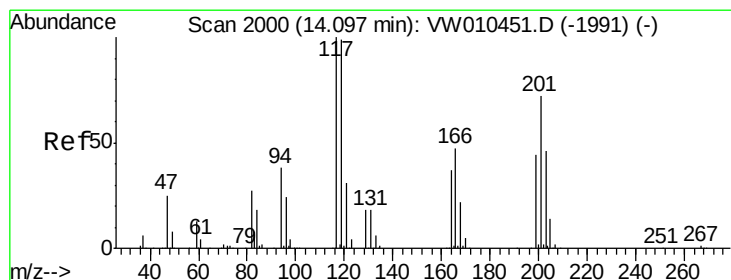
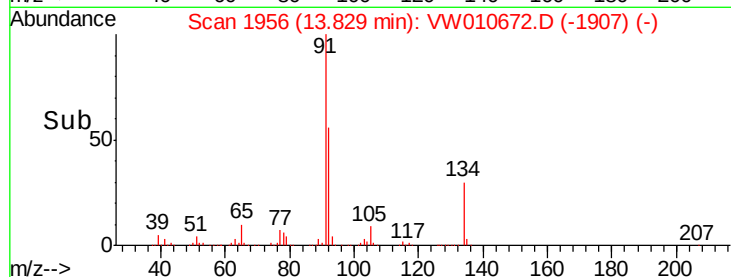
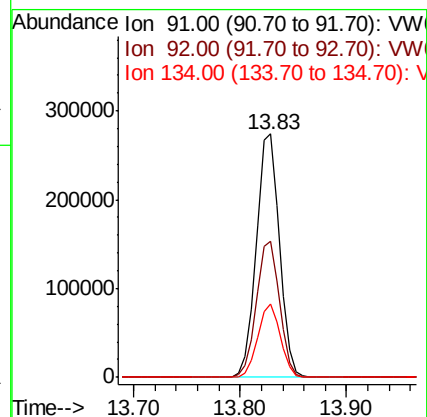
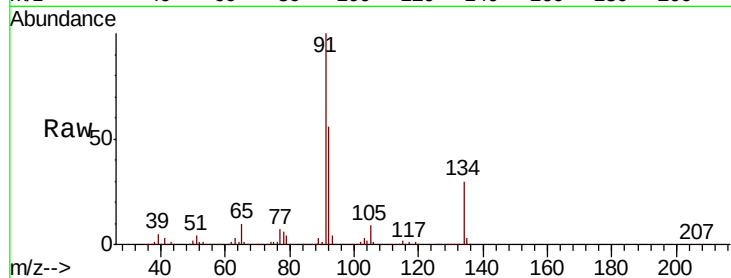
Tot Ion: 91 Resp: 418634

Ion Ratio Lower Upper

91 100

92 55.9 27.7 83.1

134 29.4 13.9 41.6



#90

Hexachloroethane

Concen: 53.389 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010672.D

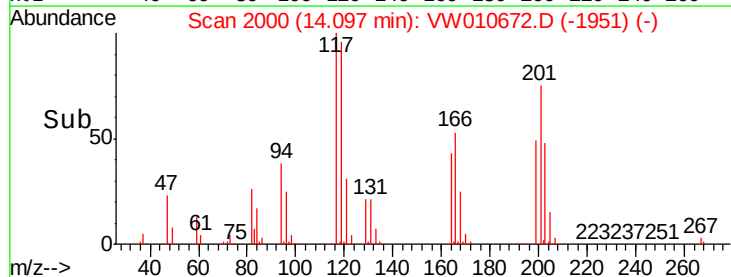
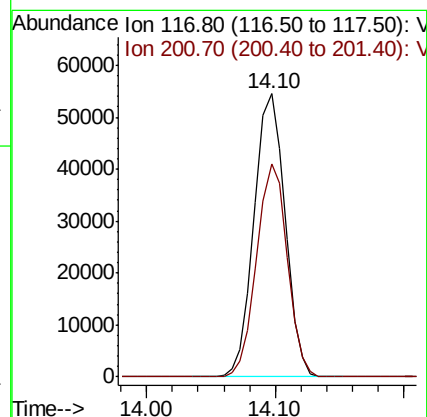
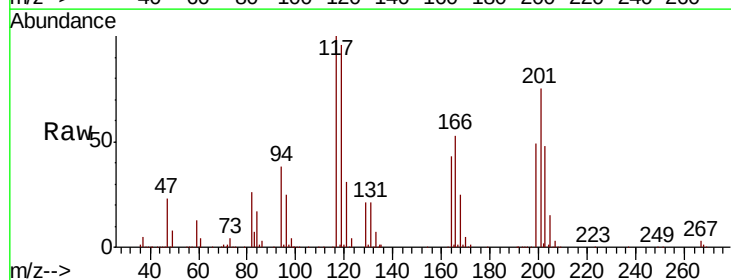
Acq: 03 Jun 2019 21:28

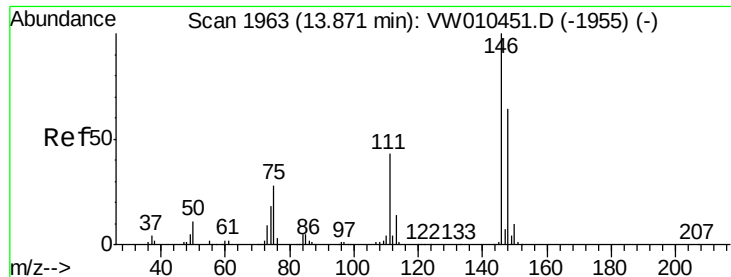
Tgt Ion: 117 Resp: 90794

Ion Ratio Lower Upper

117 100

201 74.4 34.6 103.8

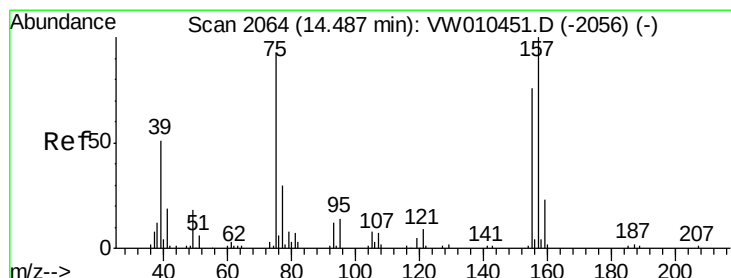
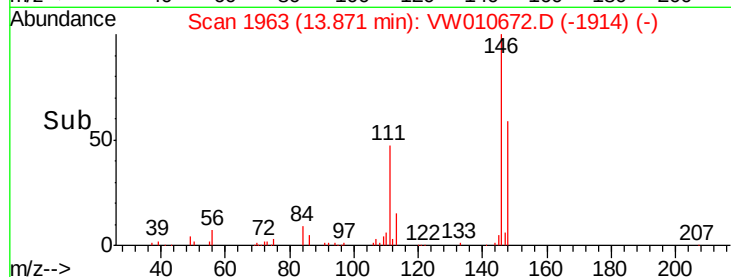
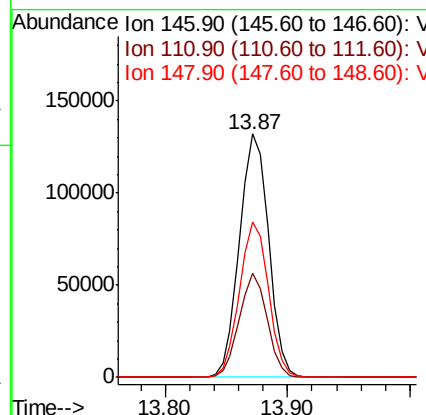
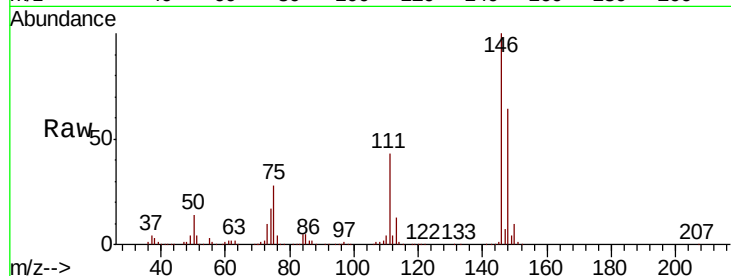




#91
 1,2-Dichlorobenzene
 Concen: 57.969 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

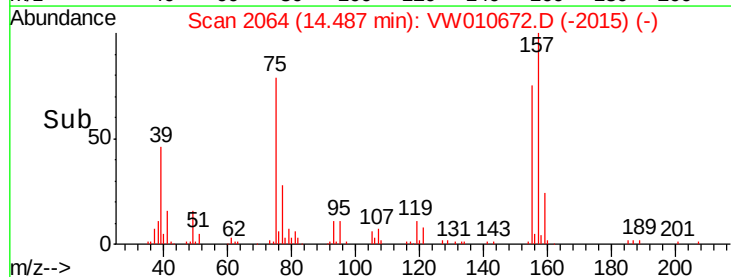
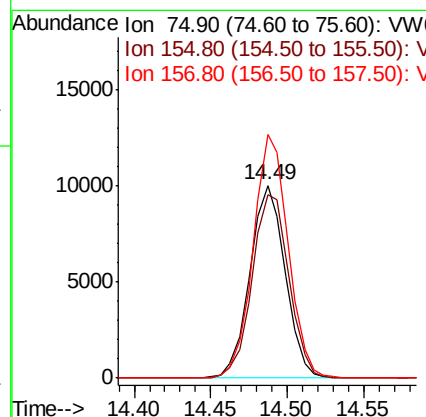
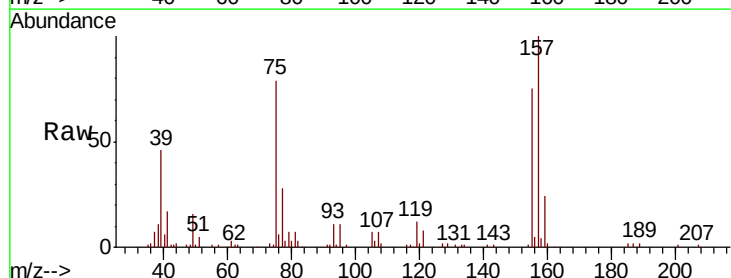
Instrument :
 MSVOA_W
 ClientSampleId :

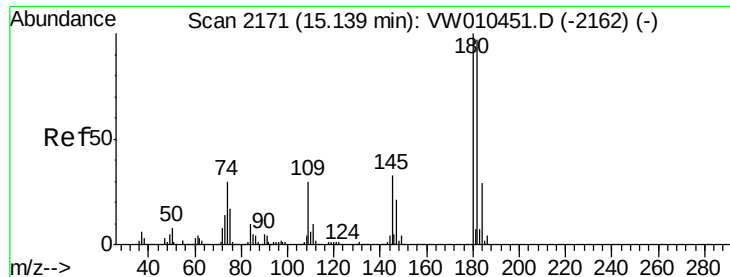
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.3	64.0
148	63.3	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.723 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	43.0	129.0
157	125.2	55.7	167.1

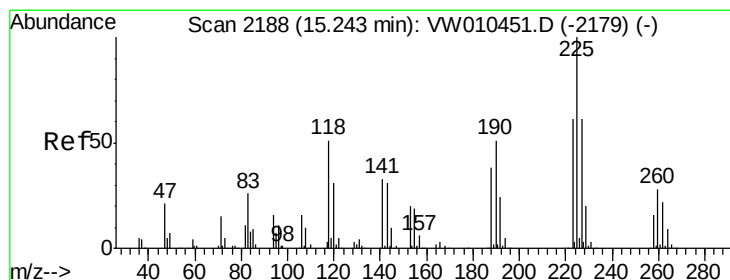
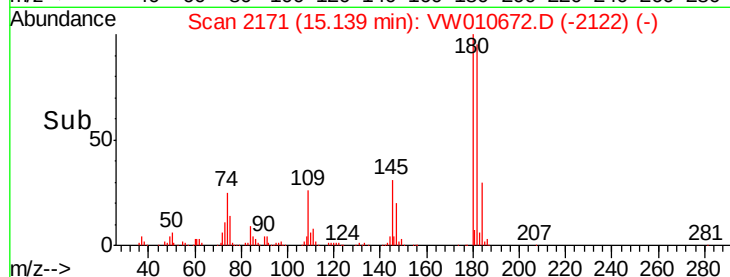
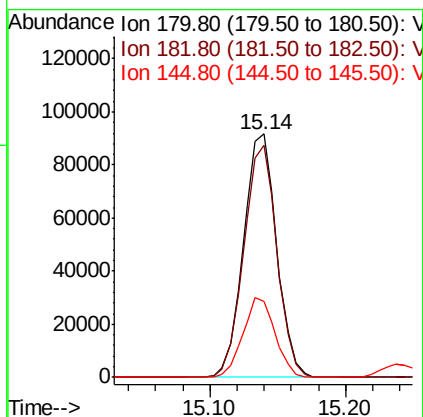
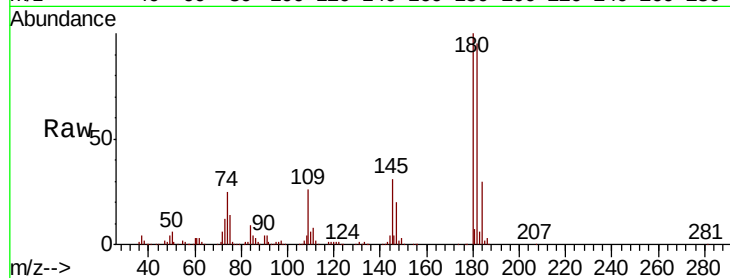




#93
 1,2,4-Trichlorobenzene
 Concen: 61.243 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

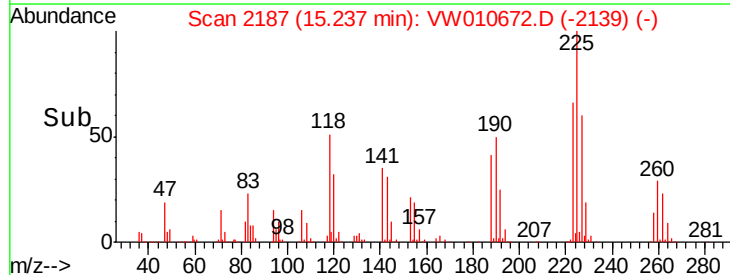
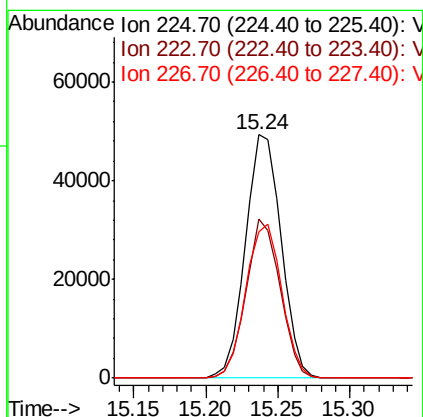
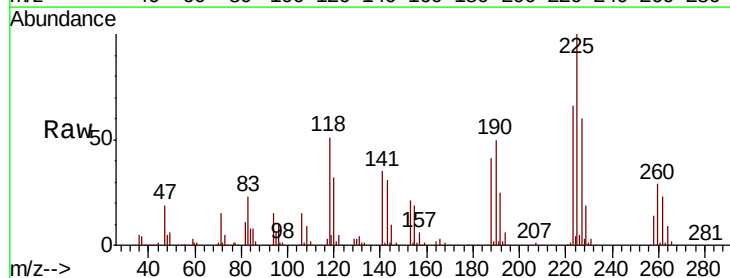
Instrument :
 MSVOA_W
 ClientSampleId :

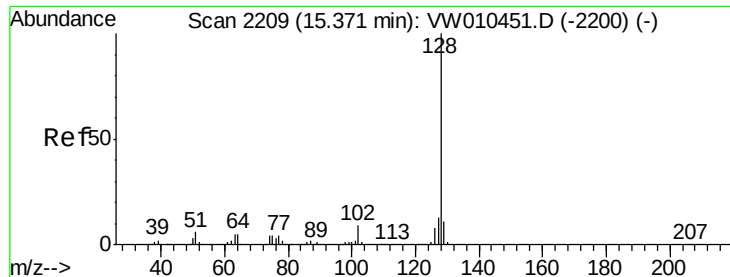
Tot Ion:180 Resp: 156290
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.0 141.2
 145 32.0 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 62.068 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010672.D
 Acq: 03 Jun 2019 21:28

Tgt Ion:225 Resp: 84618
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.2
 227 63.8 31.1 93.5





#95

Naphthalene

Concen: 59.912 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

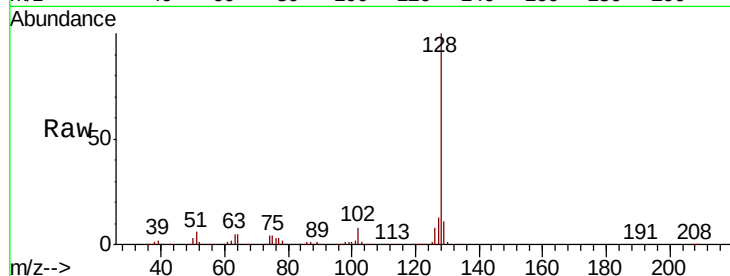
Instrument :

MSVOA_W

ClientSampled :

Tot Ion:128 Resp: 320940

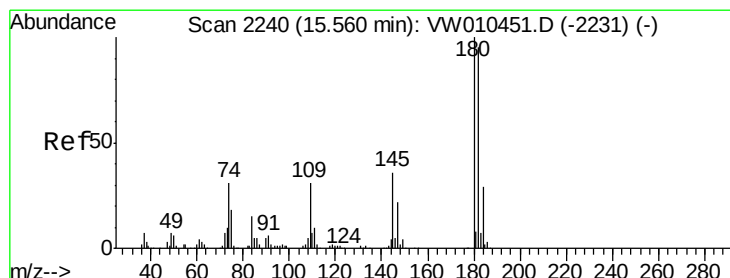
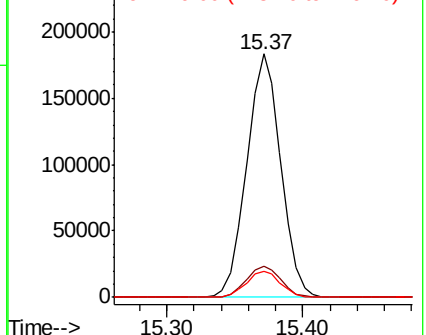
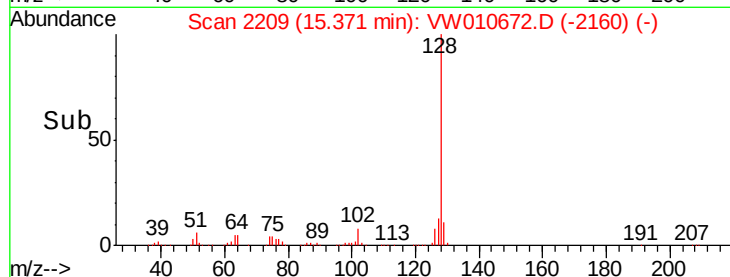
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.9	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 63.508 ug/l

RT: 15.56 min Scan# 2240

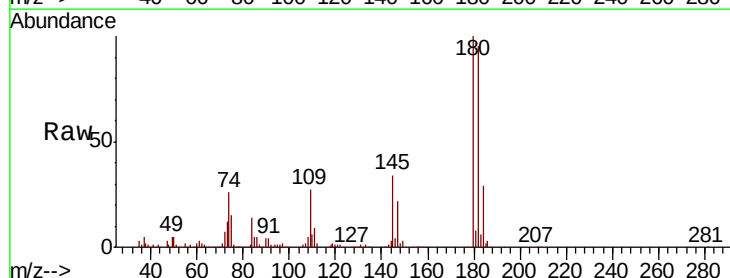
Delta R.T. 0.00 min

Lab File: VW010672.D

Acq: 03 Jun 2019 21:28

Tgt Ion:180 Resp: 139454

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.3
145	34.2	17.4	52.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

