

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010606.D
 Acq On : 30 May 2019 10:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 07:41:57 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	132370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	217336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	63224	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	7.88	113	68522	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.32	98	267285	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.62	95	101742	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	58504	49.608	ug/l	99
3) Chloromethane	2.21	50	59299	42.637	ug/l	100
4) Vinyl Chloride	2.36	62	66562	41.318	ug/l	99
5) Bromomethane	2.76	94	55910	50.448	ug/l	95
6) Chloroethane	2.91	64	47020	45.468	ug/l	99
7) Trichlorofluoromethane	3.25	101	131109	55.125	ug/l	97
8) Diethyl Ether	3.68	74	35789	47.470	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	81520	55.656	ug/l	97
10) Methyl Iodide	4.27	142	81490	48.676	ug/l	97
11) Tert butyl alcohol	5.19	59	24717	201.121	ug/l	95
12) 1,1-Dichloroethene	4.03	96	75337	53.882	ug/l	94
13) Acrolein	3.90	56	16663	230.993	ug/l	97
14) Allyl chloride	4.67	41	100608	49.711	ug/l	98
15) Acrylonitrile	5.37	53	65297	206.803	ug/l	99
16) Acetone	4.13	43	71250	255.478	ug/l	100
17) Carbon Disulfide	4.37	76	202932	48.660	ug/l	100
18) Methyl Acetate	4.67	43	27074	39.693	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	164916	46.268	ug/l	99
20) Methylene Chloride	4.92	84	73187	44.129	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	86070	53.668	ug/l	97
22) Diisopropyl ether	6.31	45	203846	49.121	ug/l	96
23) Vinyl Acetate	6.26	43	568850	229.479	ug/l	99
24) 1,1-Dichloroethane	6.21	63	130935	52.872	ug/l	98
25) 2-Butanone	7.17	43	90575	226.939	ug/l	99
26) 2,2-Dichloropropane	7.17	77	132509	56.173	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92381	52.984	ug/l	99
28) Bromochloromethane	7.51	49	45994	51.874	ug/l	93
29) Tetrahydrofuran	7.53	42	51319	190.020	ug/l	97
30) Chloroform	7.67	83	142335	53.285	ug/l	100
31) Cyclohexane	7.95	56	126682	48.835	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	138282	54.163	ug/l	98
36) 1,1-Dichloropropene	8.08	75	113667	56.143	ug/l	99
37) Ethyl Acetate	7.25	43	36420	42.302	ug/l	98
38) Carbon Tetrachloride	8.07	117	124813	57.148	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	150955	55.652	ug/l	98
40) Benzene	8.32	78	315432	56.054	ug/l	100
41) Methacrylonitrile	7.48	41	21638	42.298	ug/l	99
42) 1,2-Dichloroethane	8.40	62	83429	51.873	ug/l	99
43) Isopropyl Acetate	8.42	43	74387	43.248	ug/l	97
44) Trichloroethene	9.09	130	96667	57.863	ug/l	98
45) 1,2-Dichloropropane	9.37	63	72413	54.183	ug/l	97
46) Dibromomethane	9.46	93	40385	51.670	ug/l	95
47) Bromodichloromethane	9.64	83	105712	53.822	ug/l	98
48) Methyl methacrylate	9.43	41	34017	43.230	ug/l	96
49) 1,4-Dioxane	9.46	88	10081	789.568	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	187273	214.871	ug/l	98
52) Toluene	10.39	92	212505	56.231	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	101052	50.800	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	120955	53.242	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	57698	51.336	ug/l	98
56) Ethyl methacrylate	10.65	69	70307	45.357	ug/l	98
57) 1,3-Dichloropropane	10.93	76	96322	51.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	144306	210.181	ug/l	97
59) 2-Hexanone	10.97	43	136150	218.987	ug/l	97
60) Dibromochloromethane	11.13	129	74340	52.262	ug/l	99
61) 1,2-Dibromoethane	11.24	107	57744	50.718	ug/l	99
64) Tetrachloroethene	10.86	164	77662	58.660	ug/l	98
65) Chlorobenzene	11.66	112	232704	57.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	82263	56.734	ug/l	99
67) Ethyl Benzene	11.73	91	407209	56.981	ug/l	98
68) m/p-Xylenes	11.84	106	322564	115.077	ug/l	98
69) o-Xylene	12.16	106	148963	56.091	ug/l	100
70) Styrene	12.18	104	252732	56.088	ug/l	99
71) Bromoform	12.35	173	40311	50.485	ug/l #	97
73) Isopropylbenzene	12.46	105	415286	56.937	ug/l	99
74) N-amyl acetate	12.27	43	69444	41.548	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	61928	46.680	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	79633	85.351	ug/l #	1
77) Bromobenzene	12.75	156	94308	57.779	ug/l	94
78) n-propylbenzene	12.80	91	476848	56.099	ug/l	99
79) 2-Chlorotoluene	12.90	91	275131	55.815	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	345731	55.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	19438	43.481	ug/l	96
82) 4-Chlorotoluene	12.99	91	282495	55.213	ug/l	98
83) tert-Butylbenzene	13.21	119	303496	56.244	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	338129	54.957	ug/l	99
85) sec-Butylbenzene	13.38	105	426343	56.459	ug/l	99
86) p-Isopropyltoluene	13.50	119	385253	56.365	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	179431	56.032	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	181302	56.428	ug/l	99
89) n-Butylbenzene	13.83	91	358775	55.185	ug/l	99
90) Hexachloroethane	14.10	117	74517	56.325	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	163425	56.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10184	41.284	ug/l	95

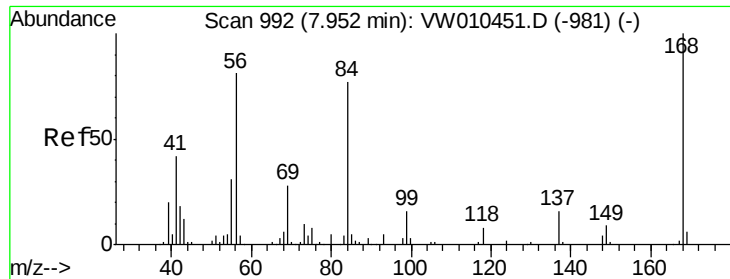
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	110926	55.875	ug/l	100
94) Hexachlorobutadiene	15.24	225	64892	61.186	ug/l	100
95) Naphthalene	15.37	128	194024	46.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	93292	54.613	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: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

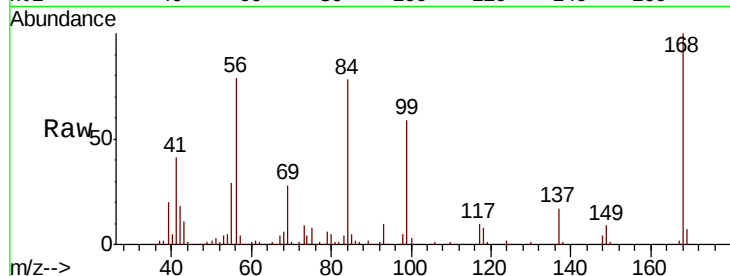
VSTDCCC050

Tot Ion:168 Resp: 132370

Ion Ratio Lower Upper

168 100

99 58.8 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

60000

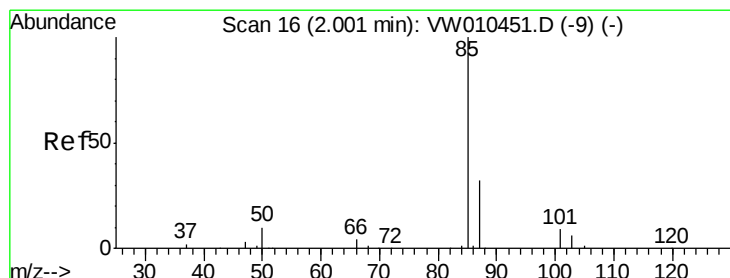
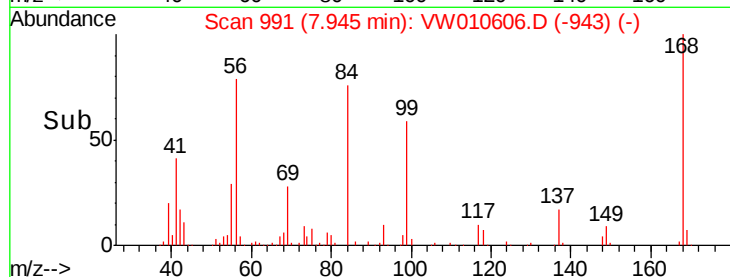
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 49.608 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010606.D

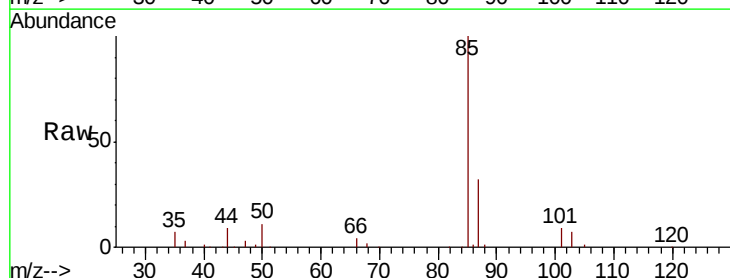
Acq: 30 May 2019 10:43

Tgt Ion: 85 Resp: 58504

Ion Ratio Lower Upper

85 100

87 31.9 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

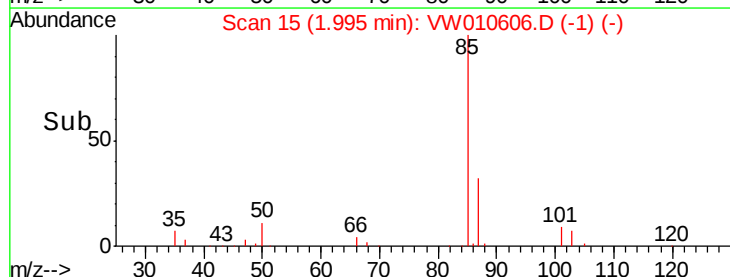
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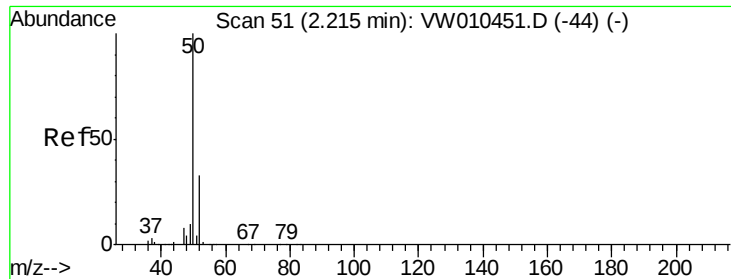
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 42.637 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

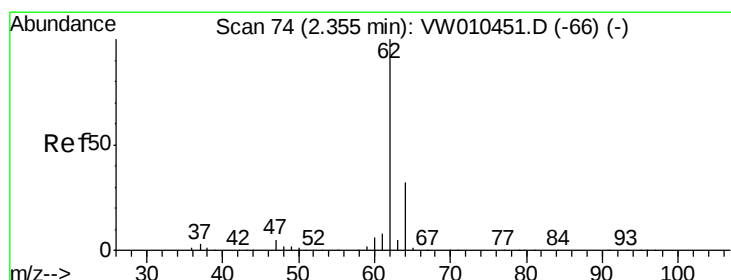
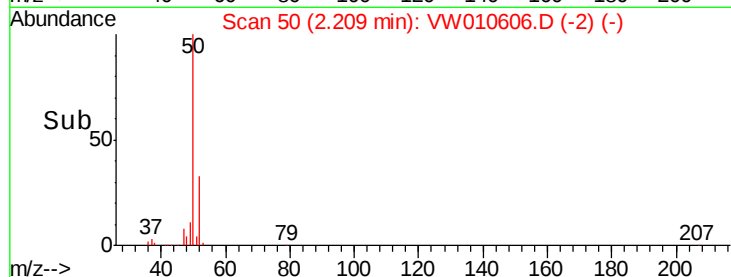
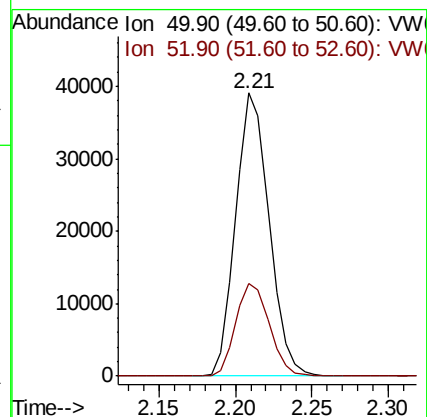
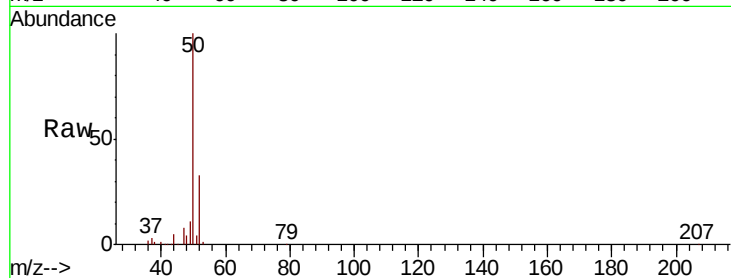
VSTDCCC050

Tot Ion: 50 Resp: 59299

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



#4

Vinyl Chloride

Concen: 41.318 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010606.D

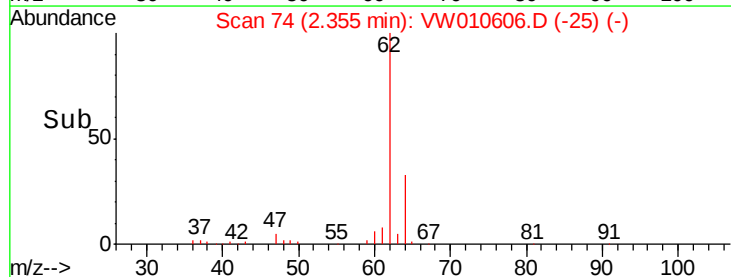
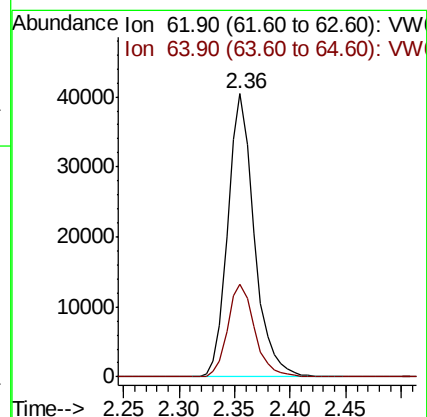
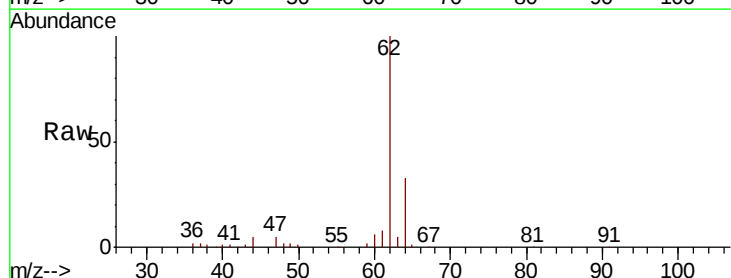
Acq: 30 May 2019 10:43

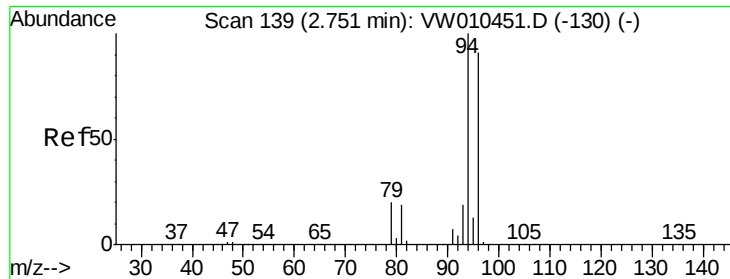
Tgt Ion: 62 Resp: 66562

Ion Ratio Lower Upper

62 100

64 32.6 25.8 38.8





#5

Bromomethane

Concen: 50.448 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

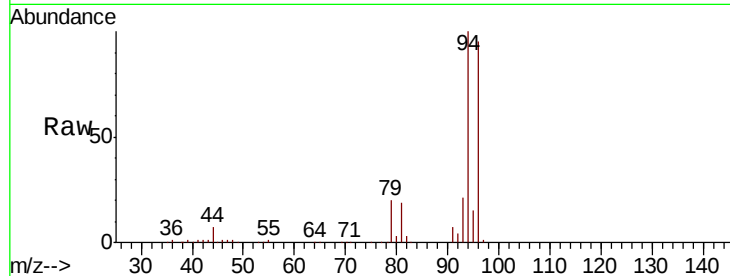
VSTDCCC050

Tot Ion: 94 Resp: 55910

Ion Ratio Lower Upper

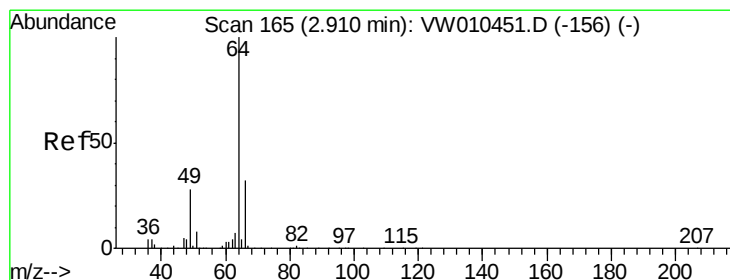
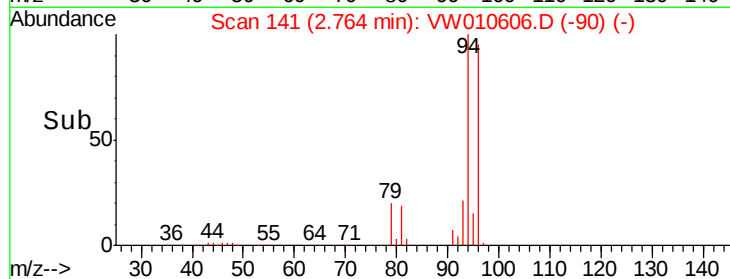
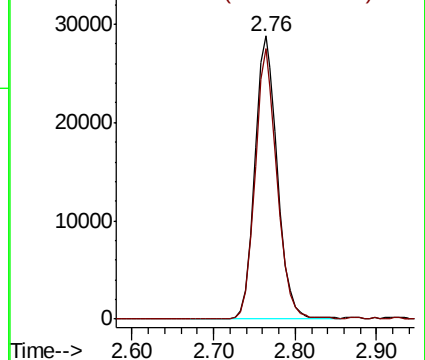
94 100

96 95.5 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 45.468 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010606.D

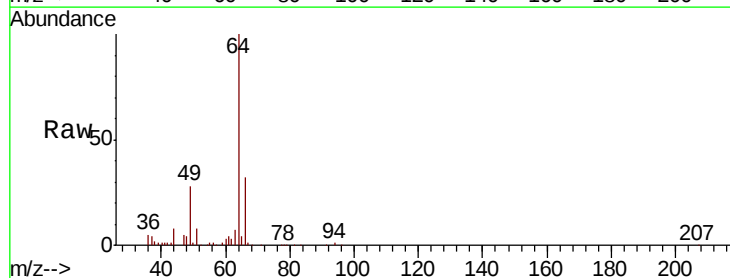
Acq: 30 May 2019 10:43

Tgt Ion: 64 Resp: 47020

Ion Ratio Lower Upper

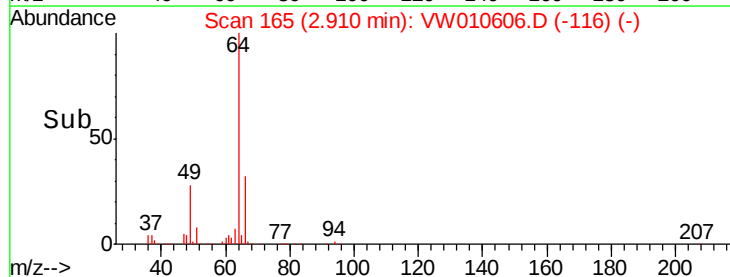
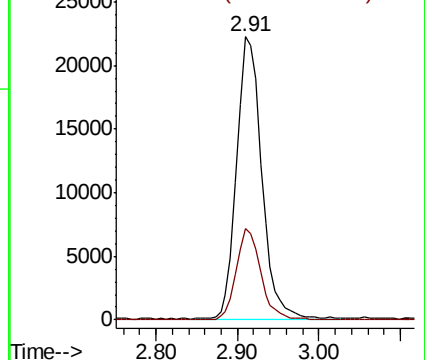
64 100

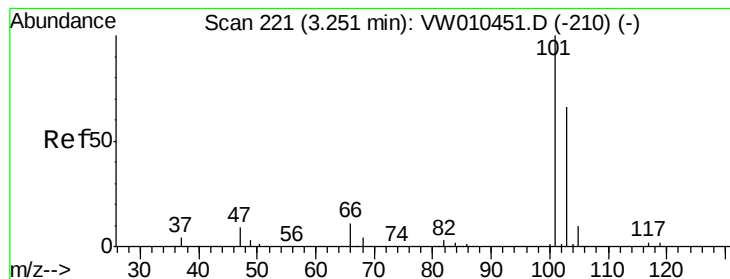
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



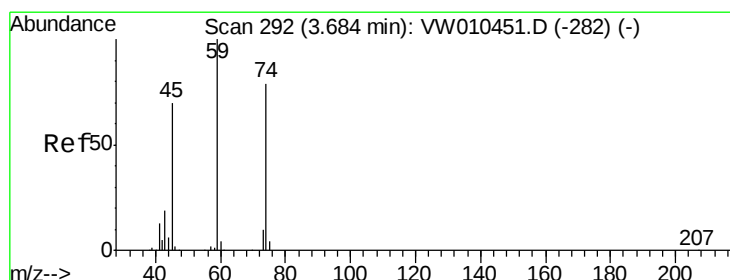
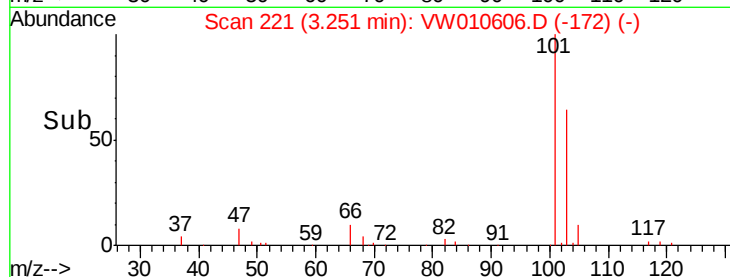
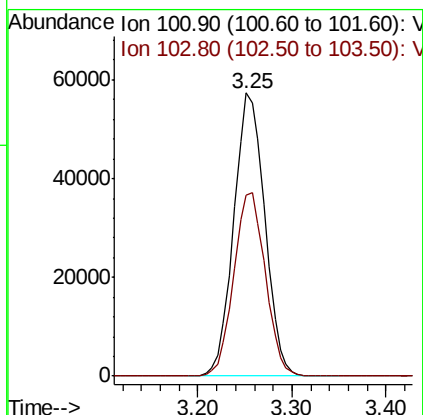
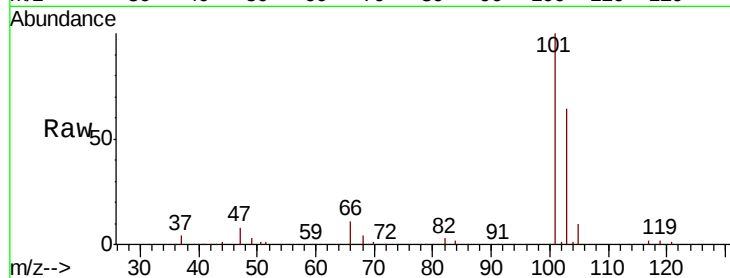


#7

Trichlorofluoromethane
 Concen: 55.125 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
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 VSTDCCC050

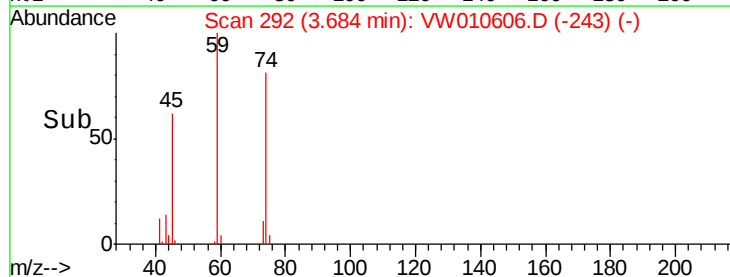
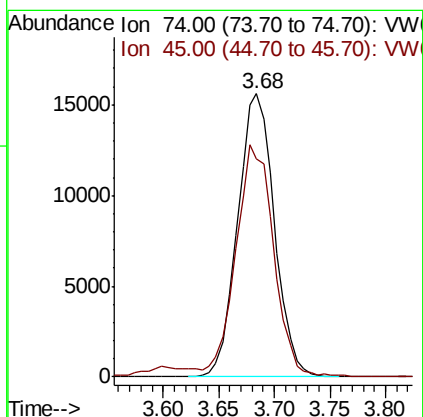
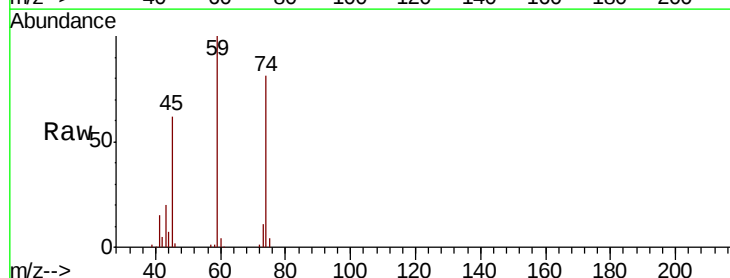
Tot Ion:101 Resp: 131109
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.0 79.4

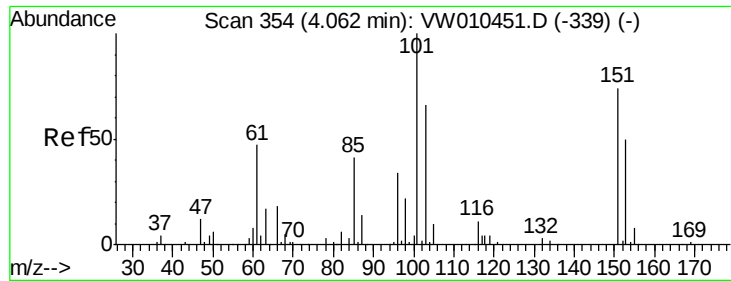


#8

Diethyl Ether
 Concen: 47.470 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion: 74 Resp: 35789
 Ion Ratio Lower Upper
 74 100
 45 84.2 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.656 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

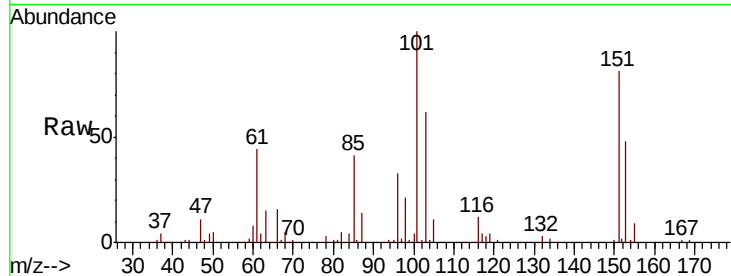
Tot Ion:101 Resp: 81520

Ion Ratio Lower Upper

101 100

85 41.2 34.3 51.5

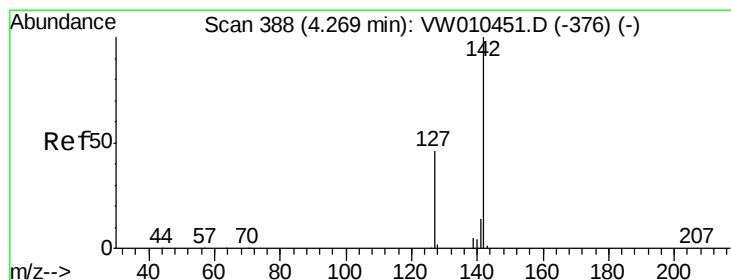
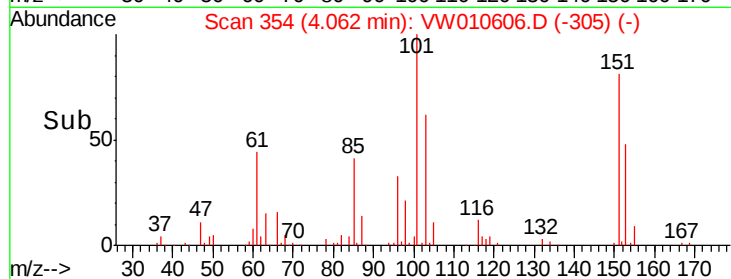
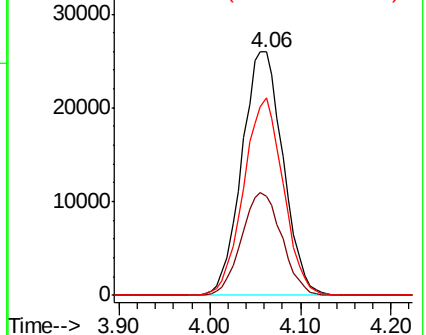
151 77.9 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.676 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

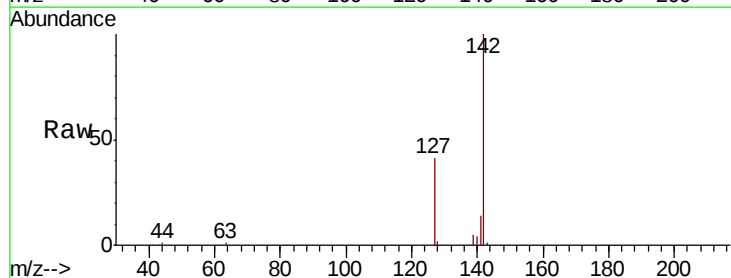
Tgt Ion:142 Resp: 81490

Ion Ratio Lower Upper

142 100

127 42.6 36.1 54.1

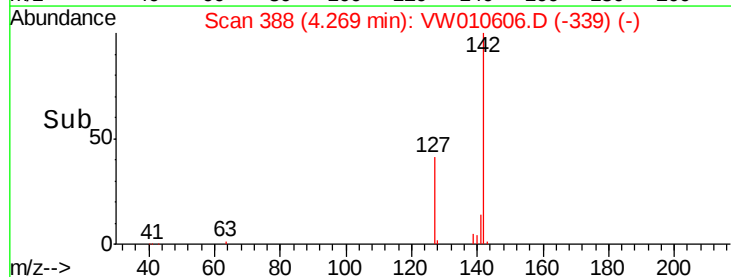
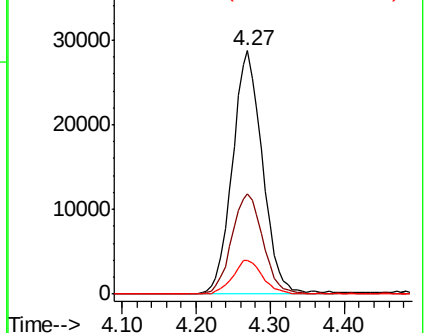
141 13.9 11.3 16.9

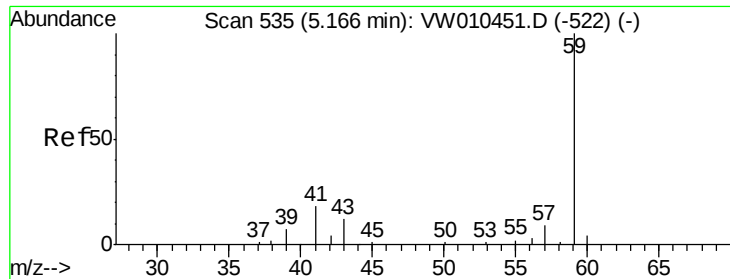


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

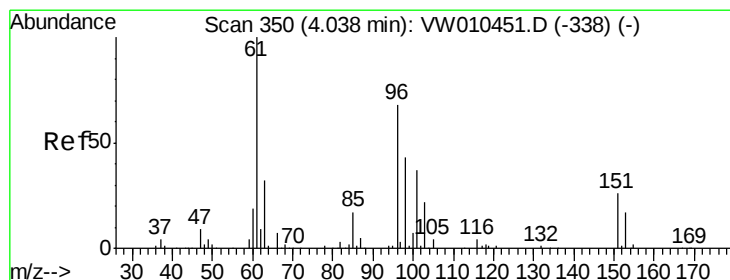
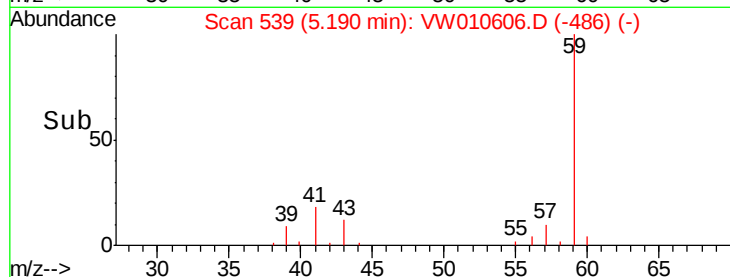
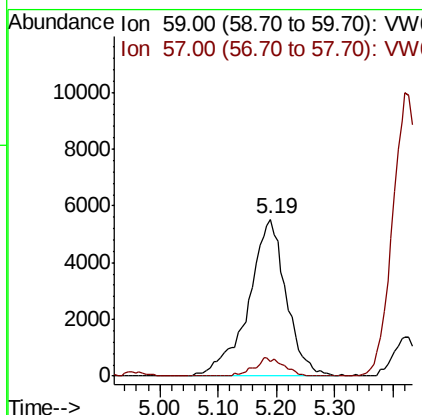
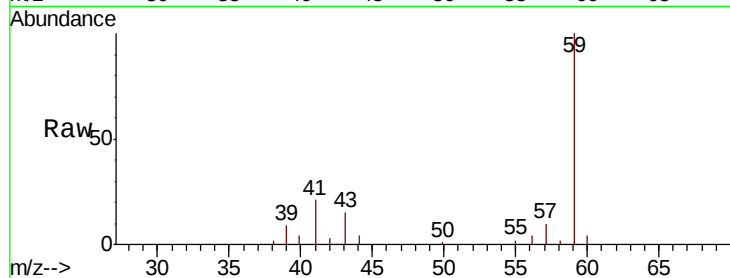




#11
Tert butyl alcohol
Concen: 201.121 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

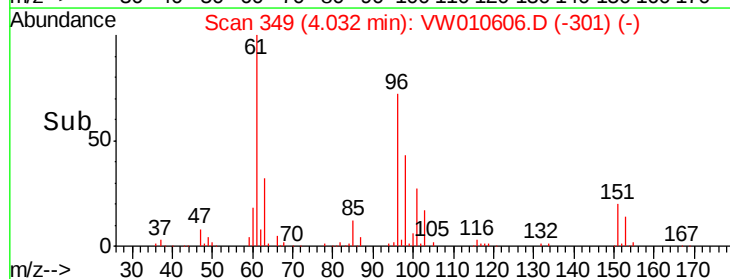
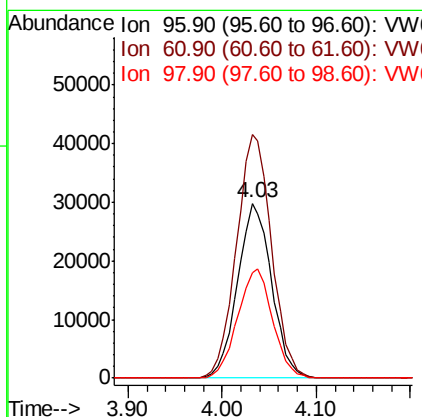
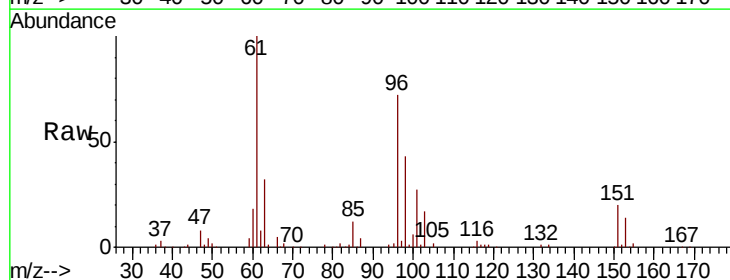
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

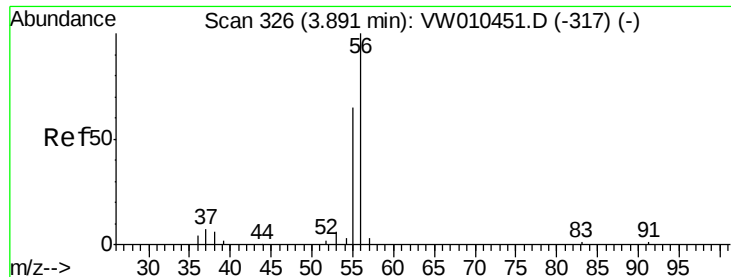
Tot Ion: 59 Resp: 24717
Ion Ratio Lower Upper
59 100
57 9.2 8.8 13.2



#12
1,1-Dichloroethene
Concen: 53.882 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 96 Resp: 75337
Ion Ratio Lower Upper
96 100
61 139.1 118.3 177.5
98 60.3 51.0 76.6





#13

Acrolein

Concen: 230.993 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

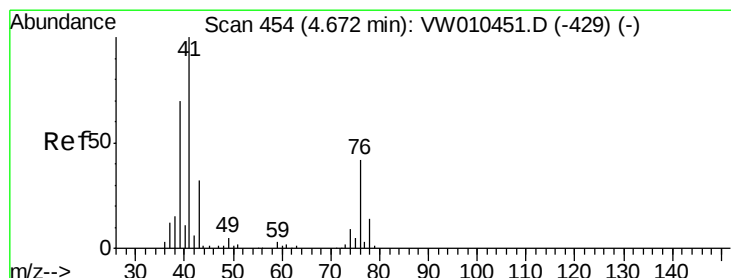
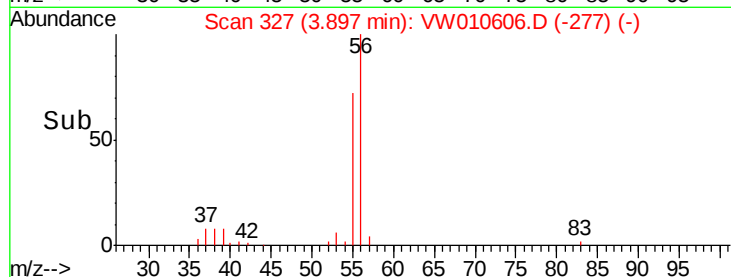
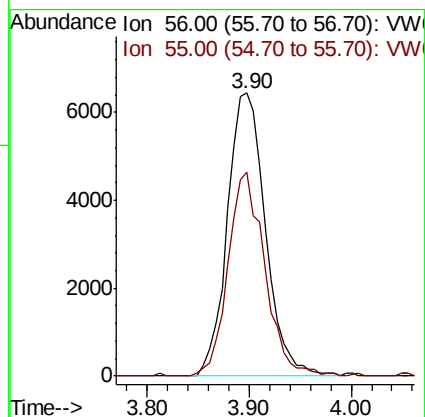
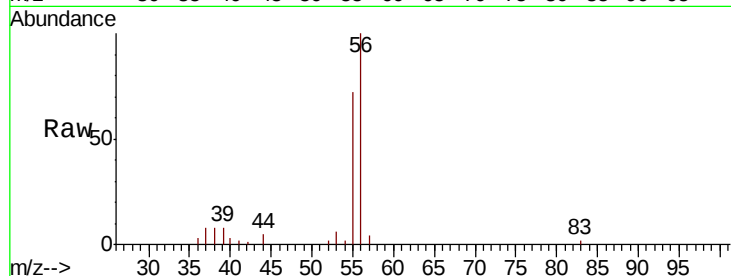
VSTDCCC050

Tot Ion: 56 Resp: 16663

Ion Ratio Lower Upper

56 100

55 69.8 57.9 86.9



#14

Allyl chloride

Concen: 49.711 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

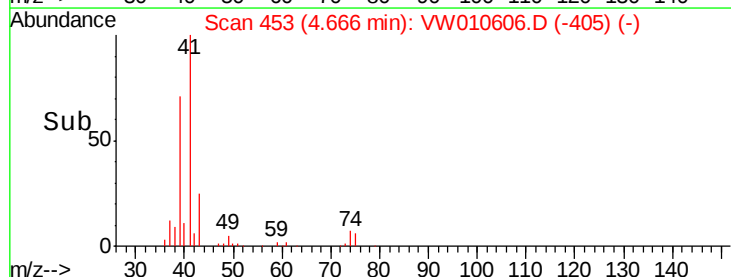
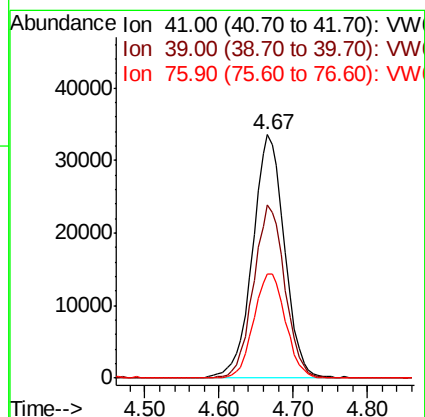
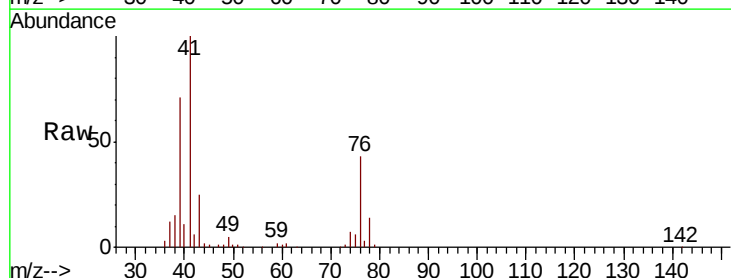
Tgt Ion: 41 Resp: 100608

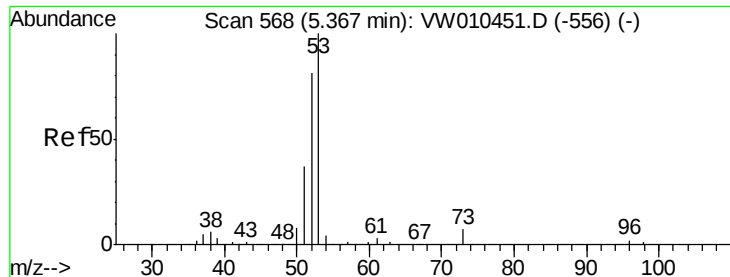
Ion Ratio Lower Upper

41 100

39 70.3 55.0 82.4

76 42.7 32.8 49.2





#15

Acrylonitrile

Concen: 206.803 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

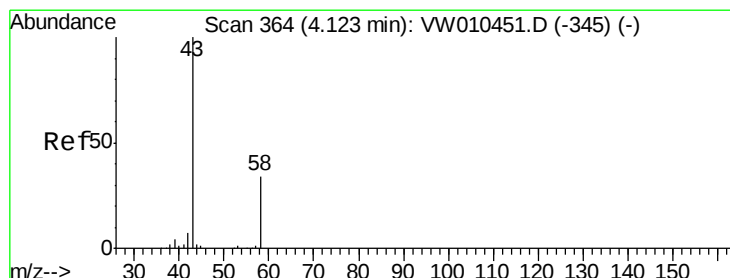
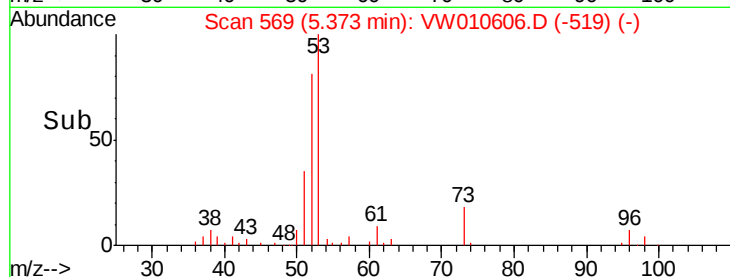
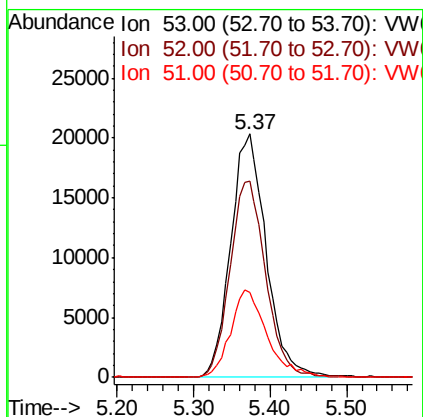
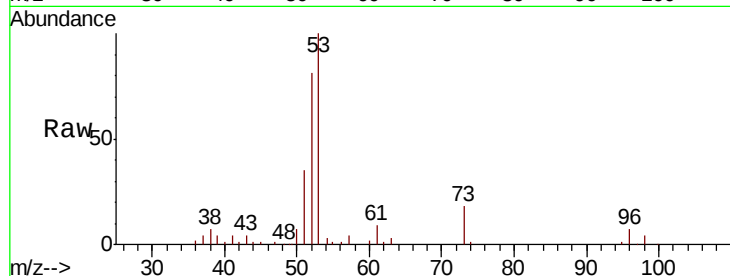
Tot Ion: 53 Resp: 65297

Ion Ratio Lower Upper

53 100

52 80.7 65.6 98.4

51 36.8 29.5 44.3



#16

Acetone

Concen: 255.478 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010606.D

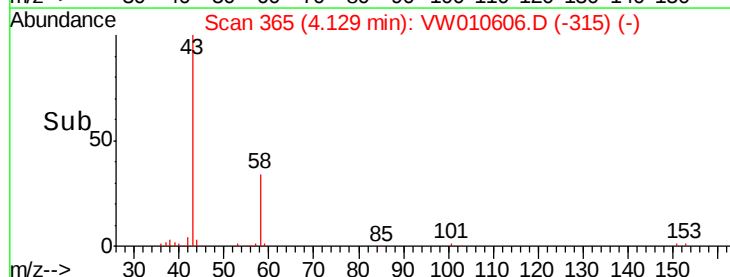
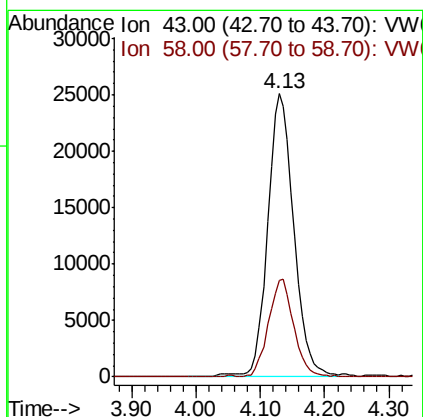
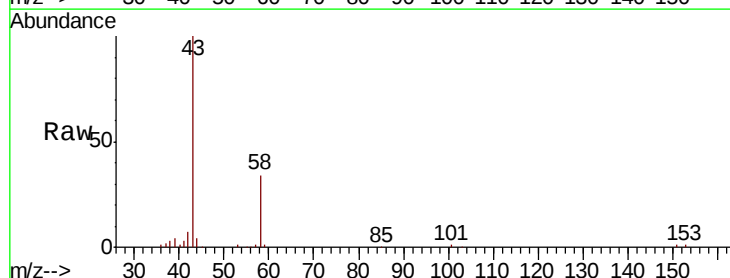
Acq: 30 May 2019 10:43

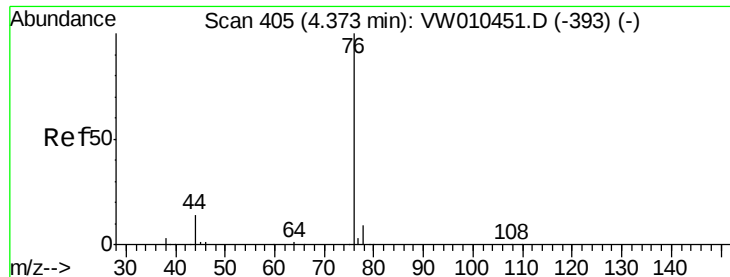
Tgt Ion: 43 Resp: 71250

Ion Ratio Lower Upper

43 100

58 33.9 27.0 40.4

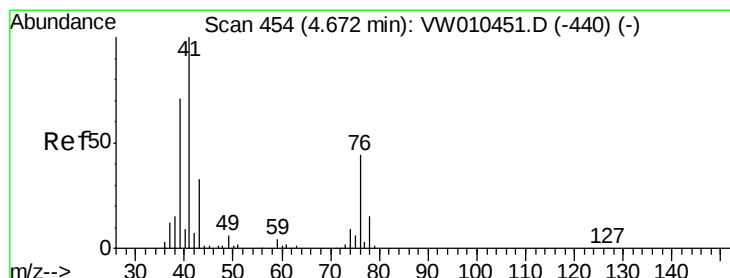
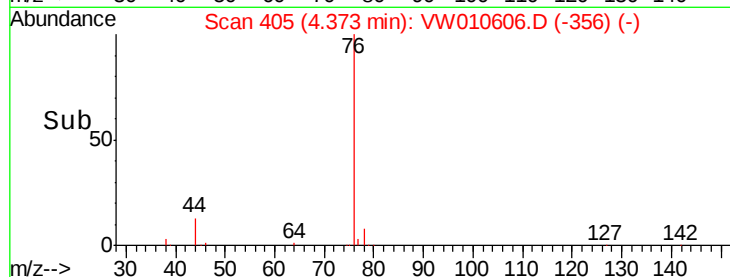
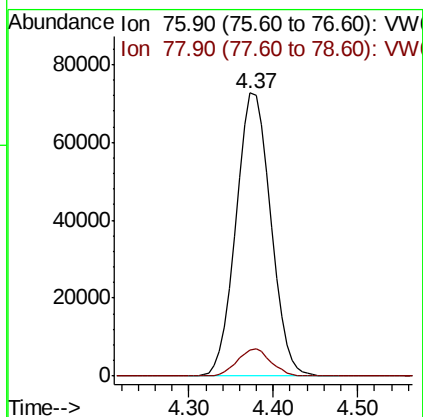
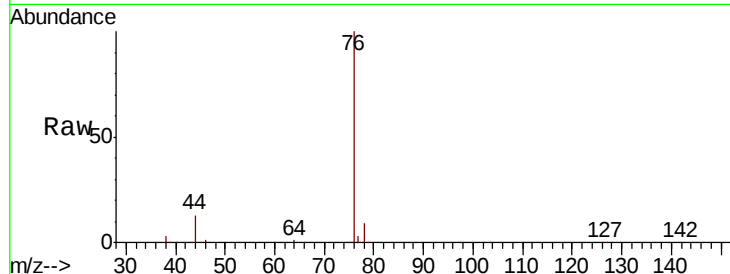




#17
Carbon Disulfide
Concen: 48.660 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

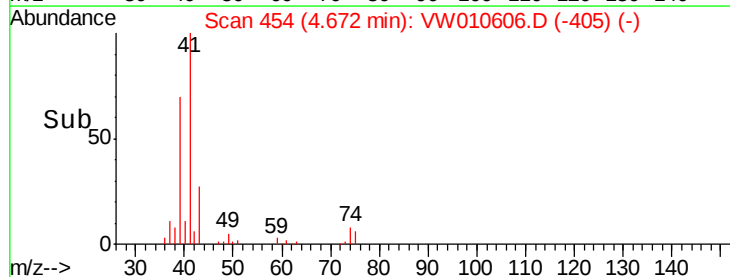
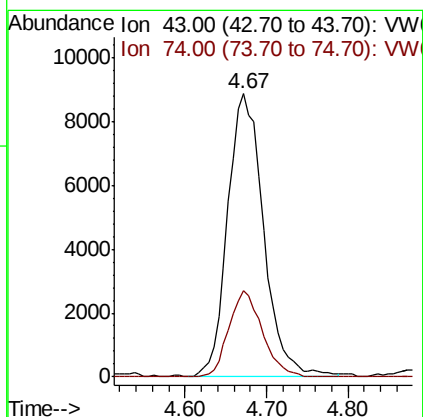
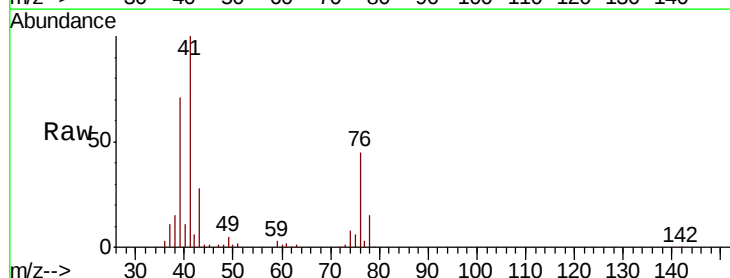
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

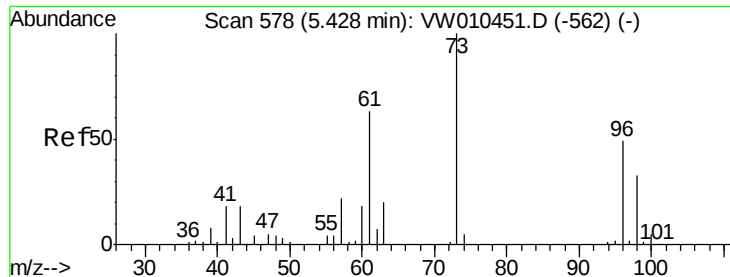
Tot Ion: 76 Resp: 202932
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 39.693 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 43 Resp: 27074
Ion Ratio Lower Upper
43 100
74 28.2 21.6 32.4

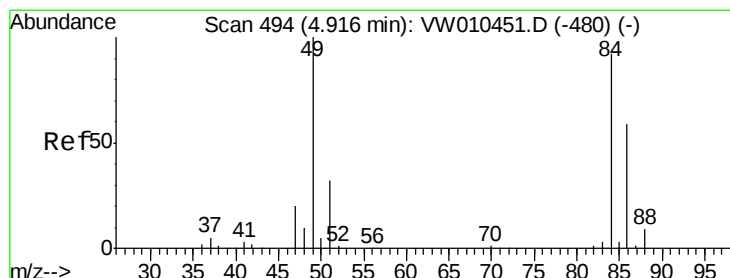
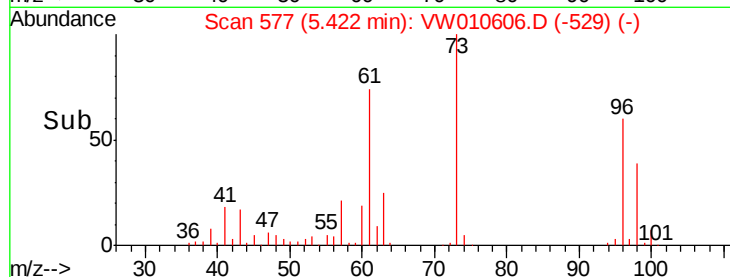
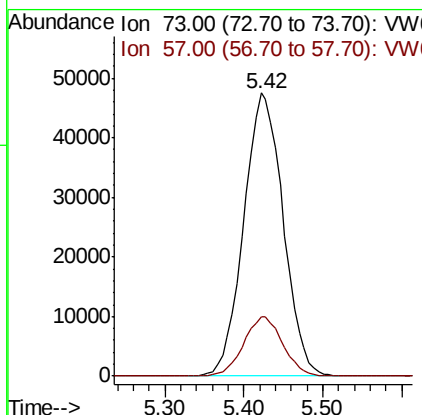
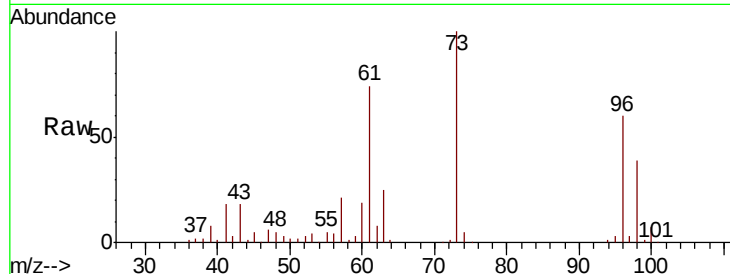




#19
Methyl tert-butyl Ether
Concen: 46.268 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

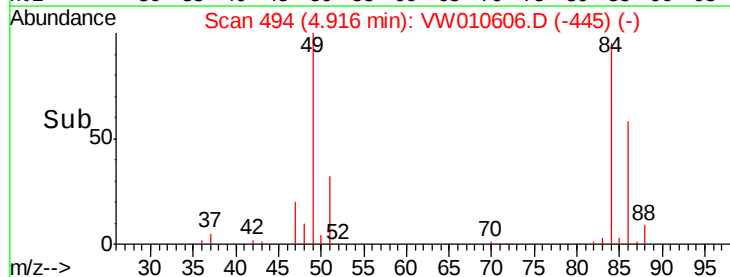
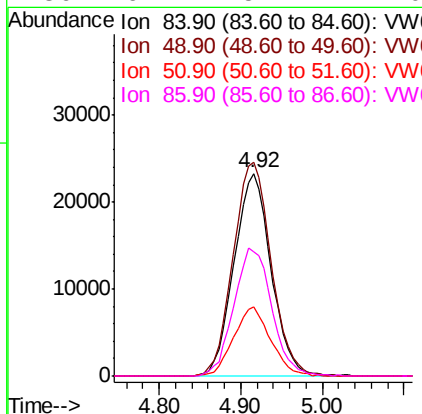
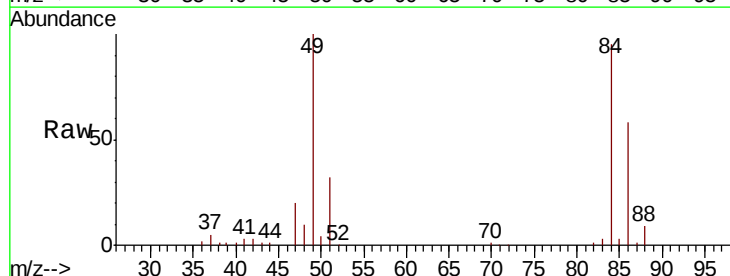
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

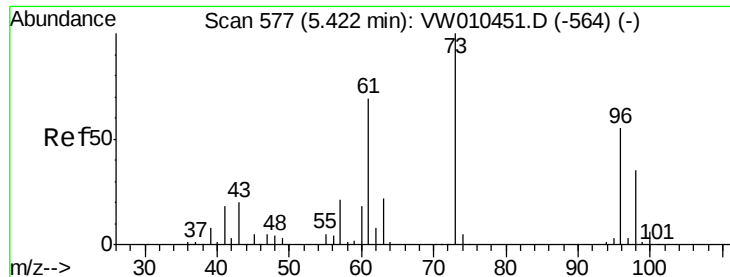
Tot Ion: 73 Resp: 164916
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0



#20
Methylene Chloride
Concen: 44.129 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 84 Resp: 73187
Ion Ratio Lower Upper
84 100
49 105.4 87.2 130.8
51 33.9 27.7 41.5
86 61.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 53.668 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

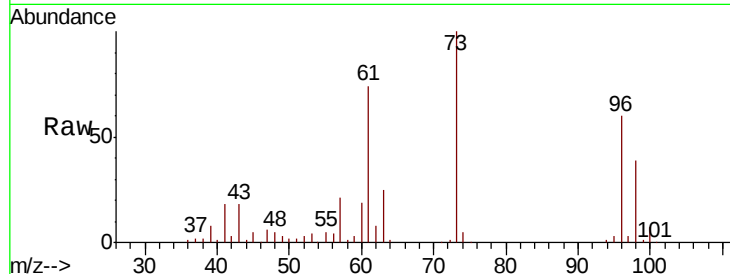
Tot Ion: 96 Resp: 86070

Ion Ratio Lower Upper

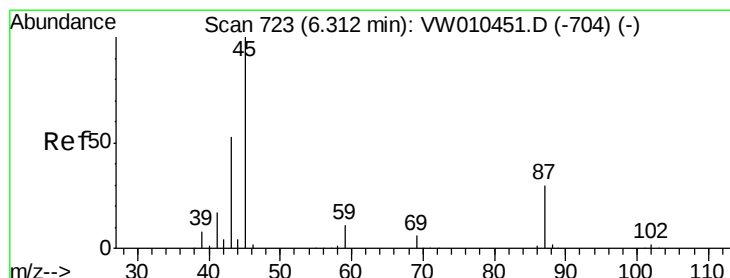
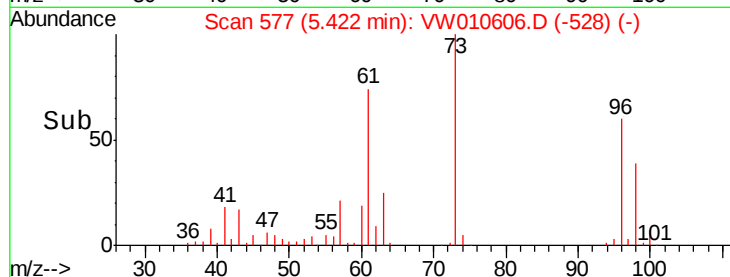
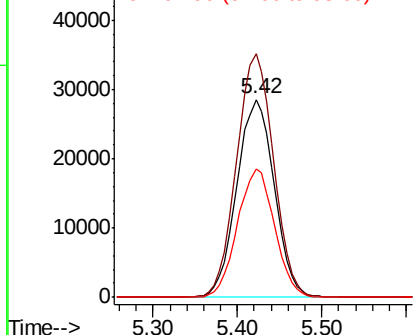
96 100

61 123.0 101.4 152.0

98 64.7 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: 49.121 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Tgt Ion: 45 Resp: 203846

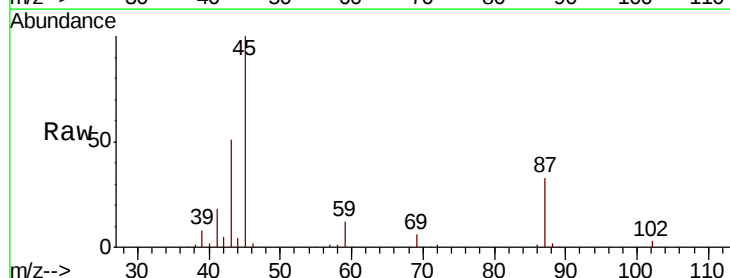
Ion Ratio Lower Upper

45 100

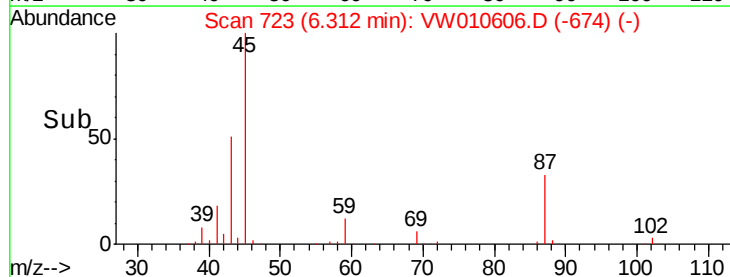
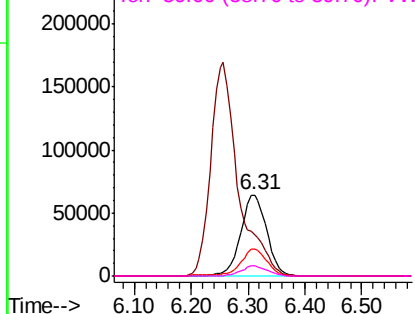
43 50.8 42.9 64.3

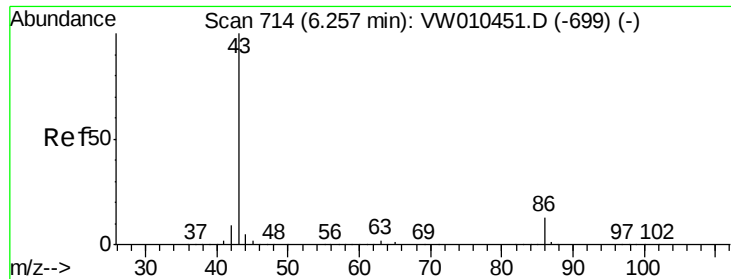
87 33.3 24.6 36.8

59 12.1 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: 229.479 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

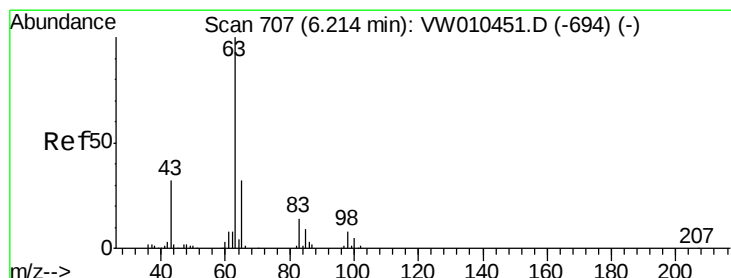
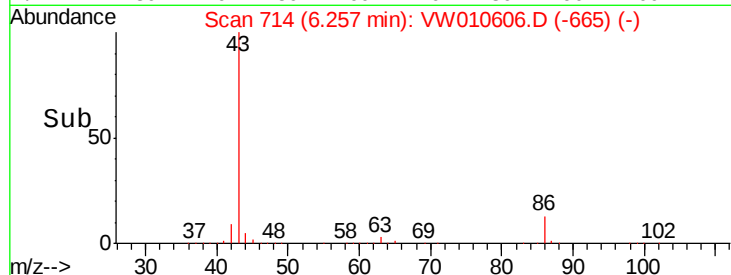
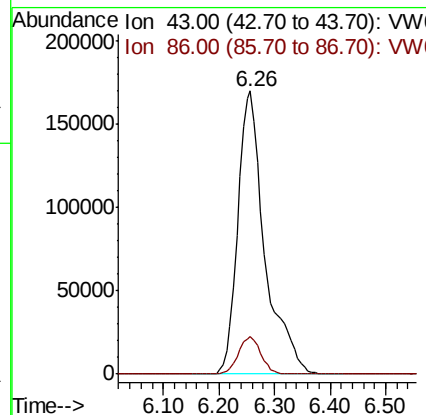
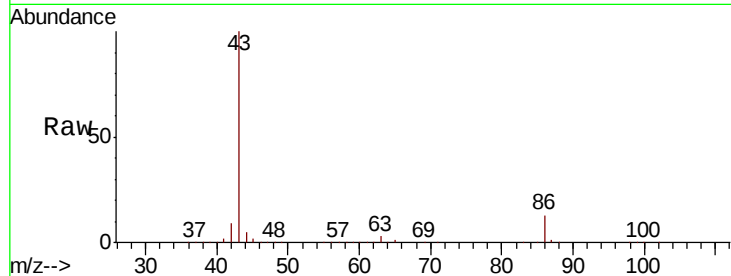
VSTDCCC050

Tot Ion: 43 Resp: 568850

Ion Ratio Lower Upper

43 100

86 13.4 10.3 15.5



#24

1,1-Dichloroethane

Concen: 52.872 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

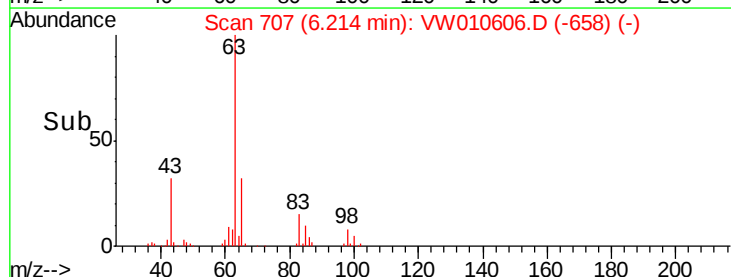
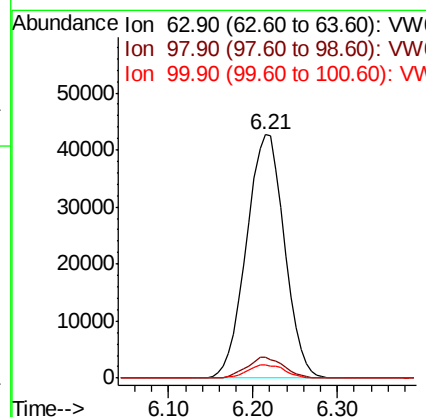
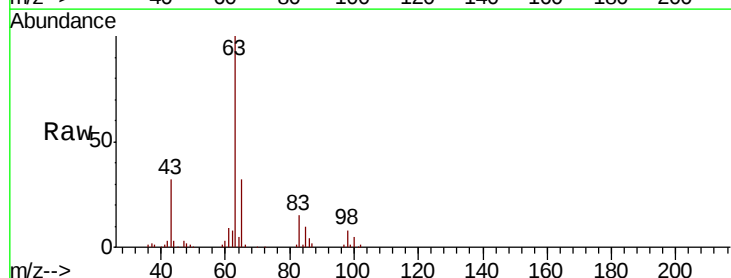
Tgt Ion: 63 Resp: 130935

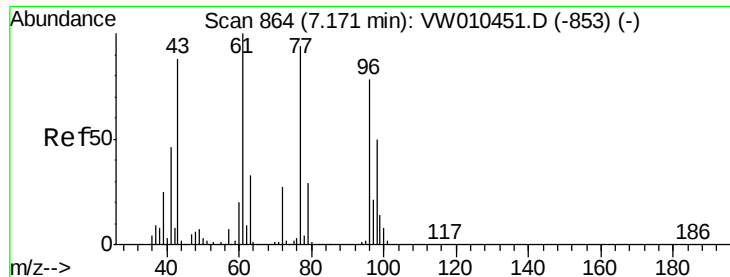
Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.2

100 5.2 2.5 7.4





#25

2-Butanone

Concen: 226.939 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

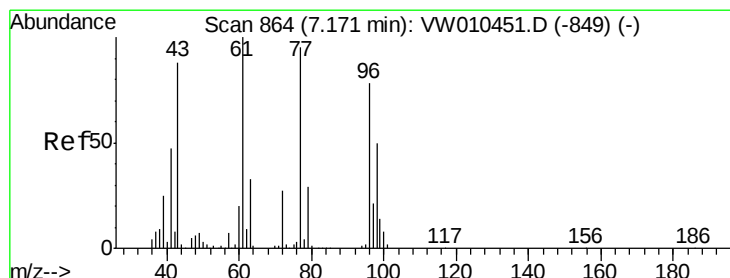
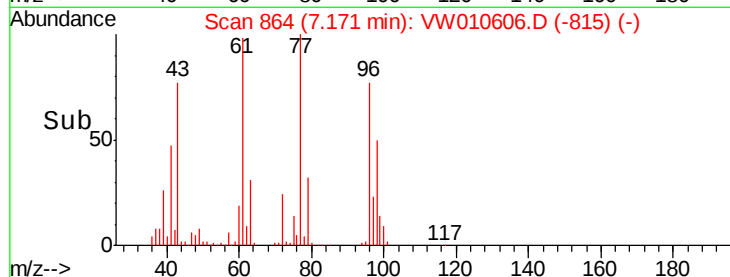
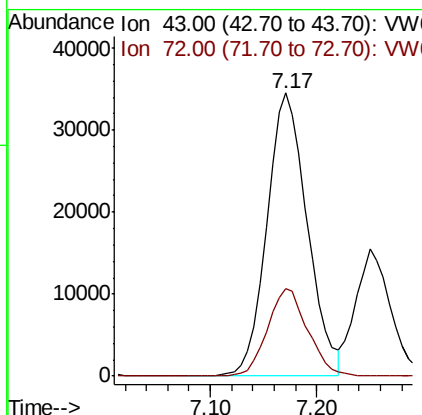
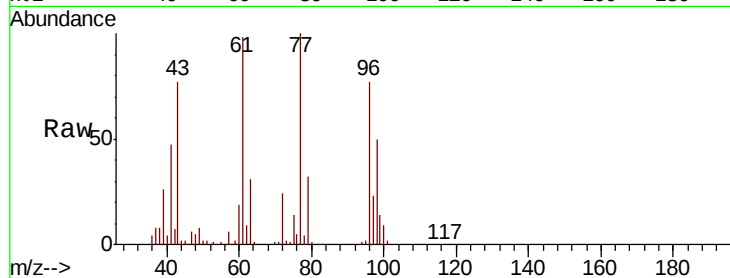
VSTDCCC050

Tot Ion: 43 Resp: 90575

Ion Ratio Lower Upper

43 100

72 30.8 24.1 36.1



#26

2,2-Dichloropropane

Concen: 56.173 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010606.D

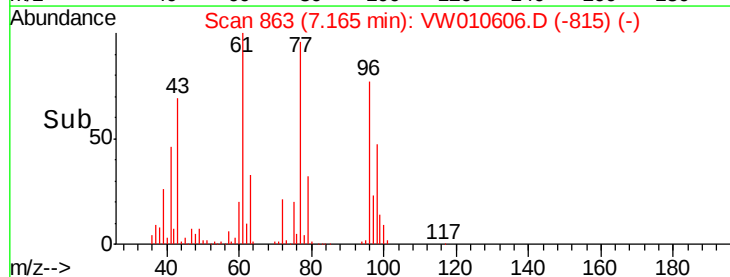
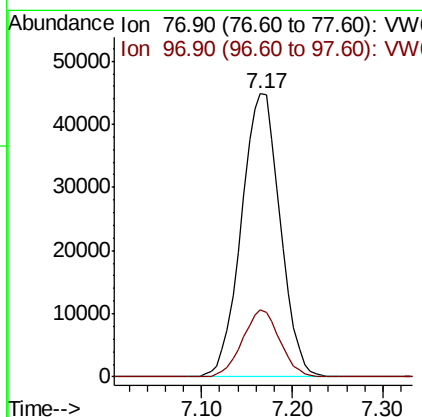
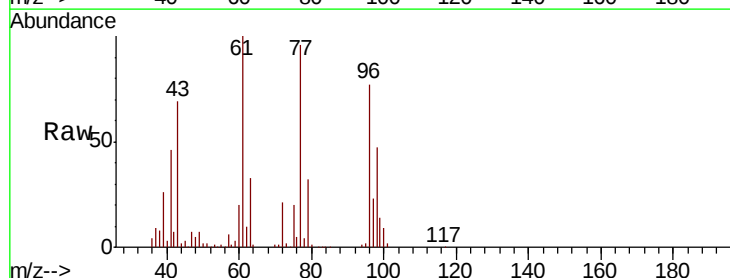
Acq: 30 May 2019 10:43

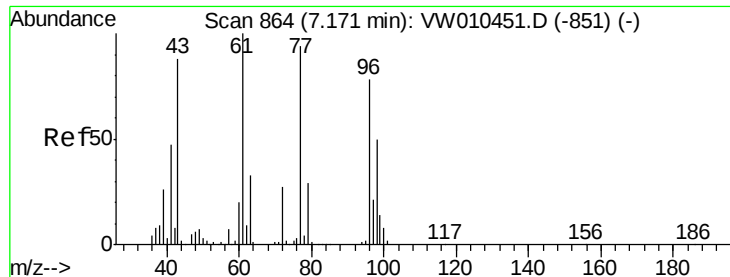
Tgt Ion: 77 Resp: 132509

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0



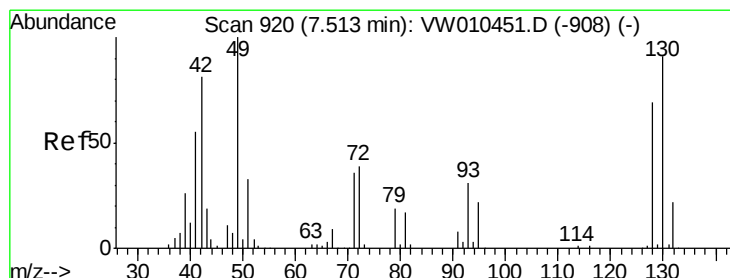
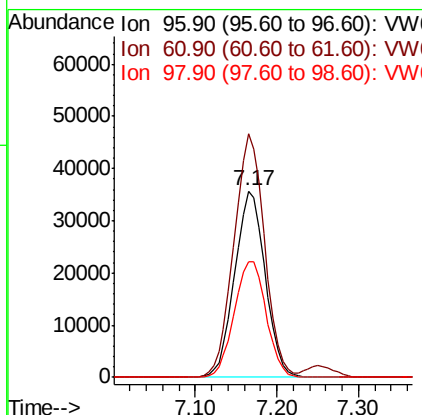
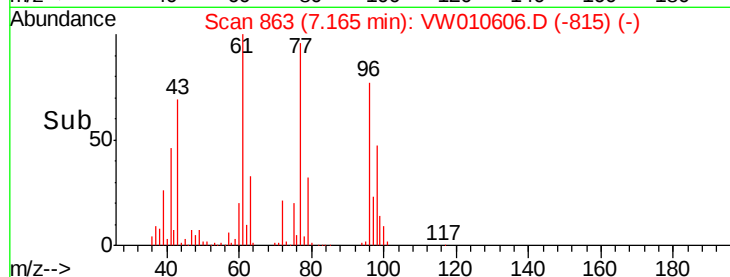
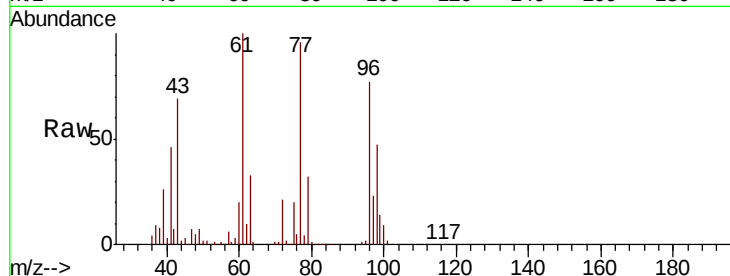


#27

cis-1,2-Dichloroethene
Concen: 52.984 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

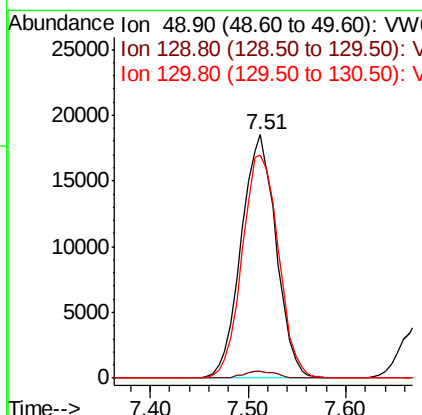
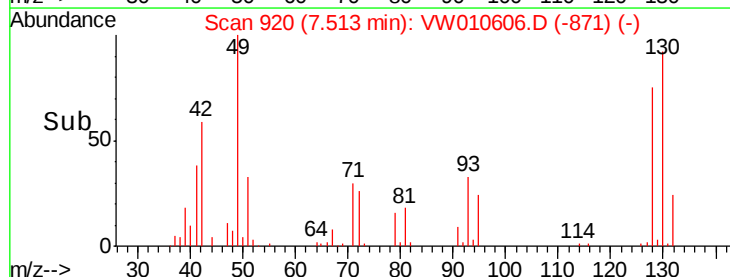
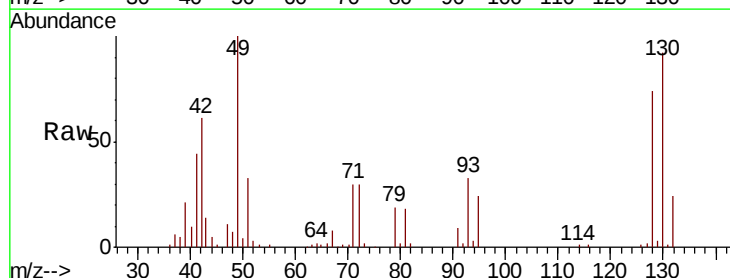
Tot Ion: 96 Resp: 92381
Ion Ratio Lower Upper
96 100
61 131.5 0.0 265.4
98 65.0 0.0 129.4

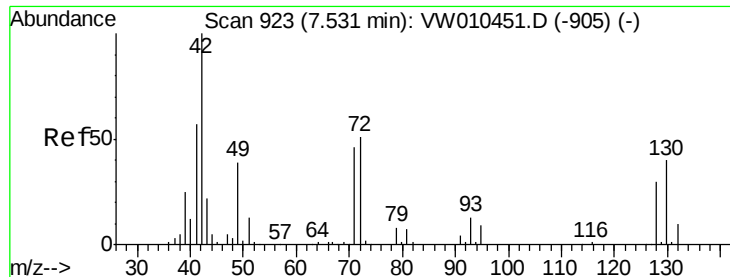


#28

Bromochloromethane
Concen: 51.874 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 49 Resp: 45994
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.8
130 95.5 71.2 106.8

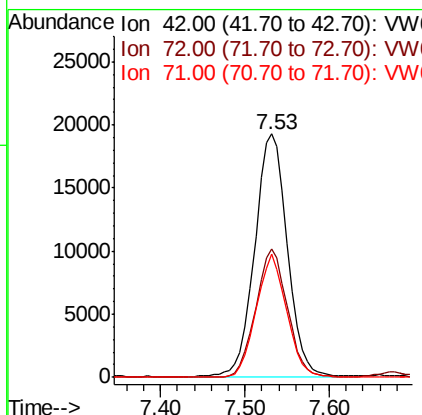
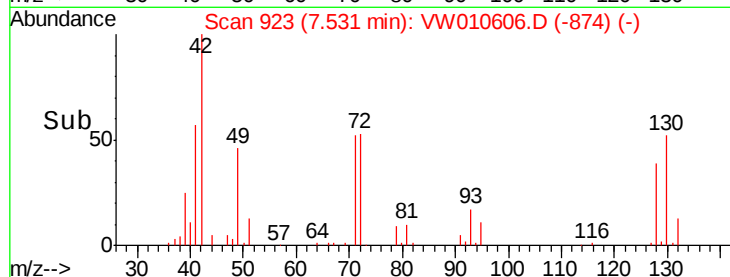
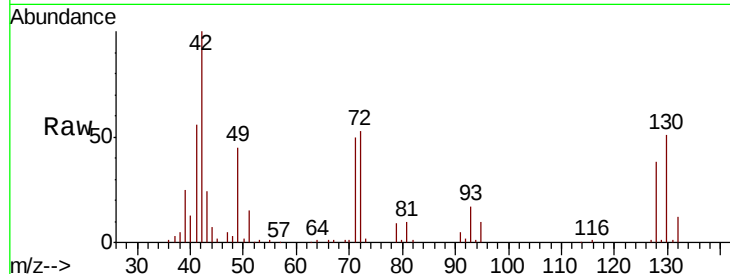




#29
Tetrahydrofuran
Concen: 190.020 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

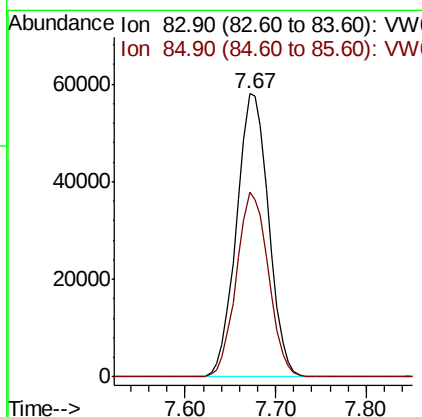
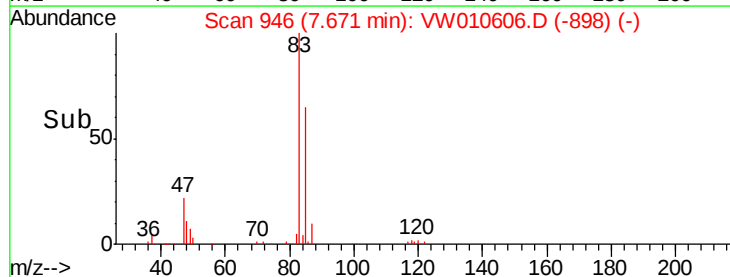
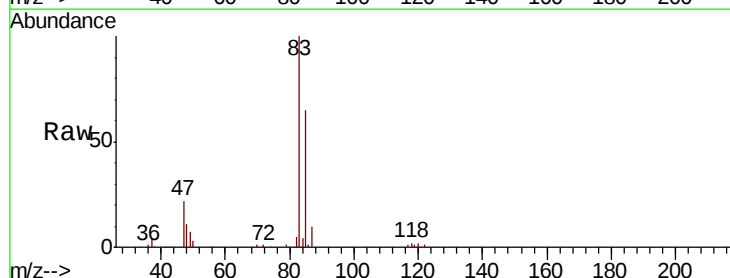
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

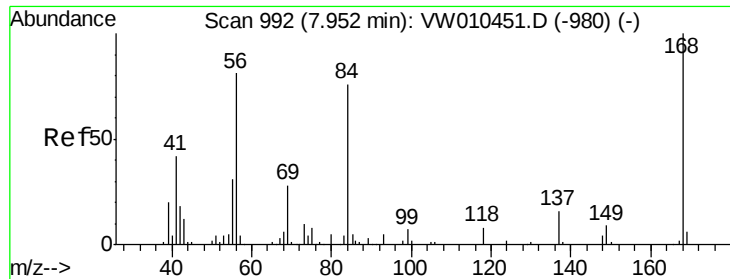
Tot Ion: 42 Resp: 51319
Ion Ratio Lower Upper
42 100
72 51.0 38.5 57.7
71 47.1 36.5 54.7



#30
Chloroform
Concen: 53.285 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 83 Resp: 142335
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.4

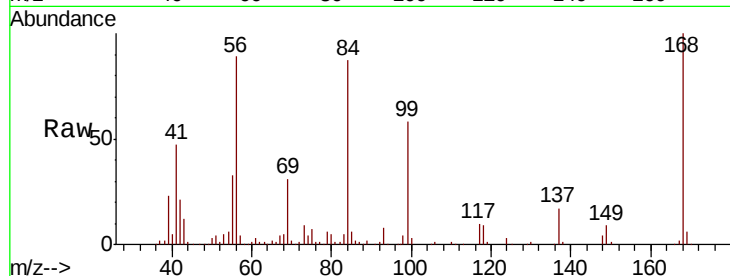




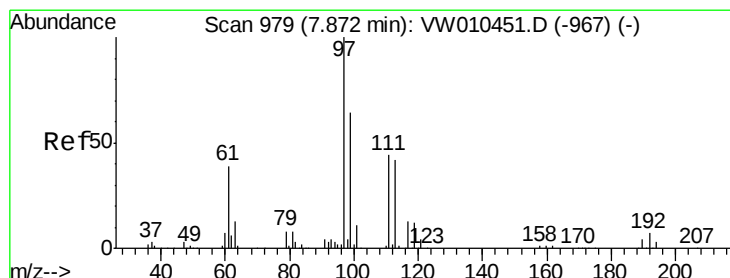
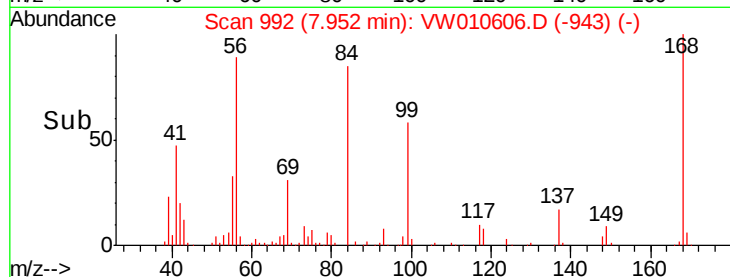
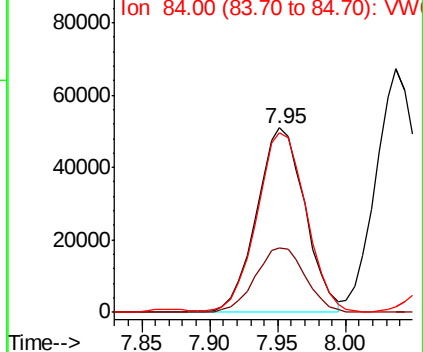
#31
Cyclohexane
Concen: 48.835 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 126682
Ion Ratio Lower Upper
56 100
69 35.1 28.2 42.2
84 96.5 75.8 113.8

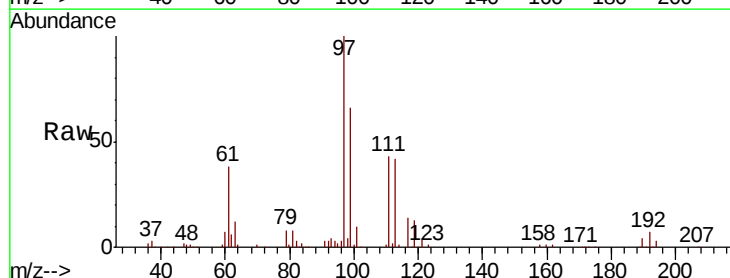


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

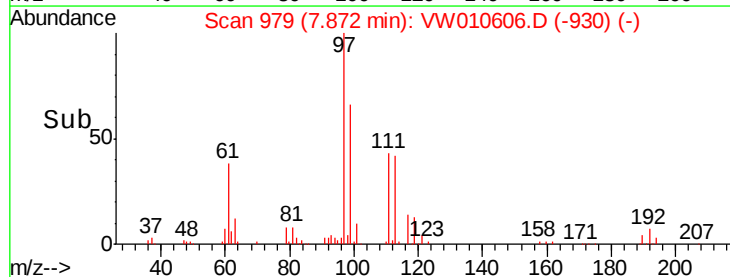
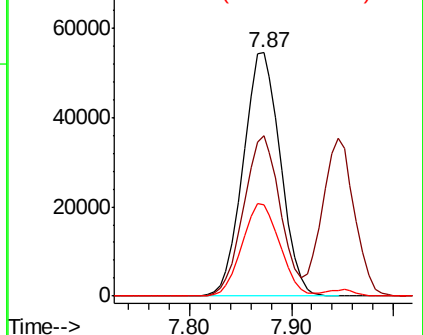


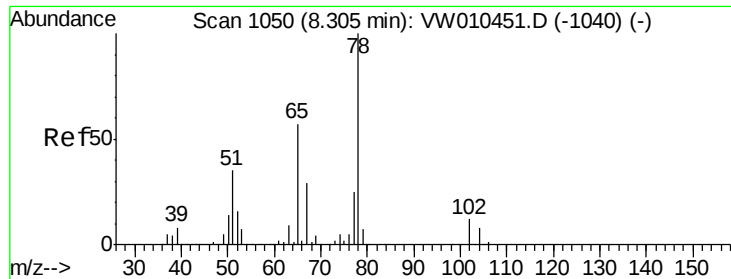
#32
1,1,1-Trichloroethane
Concen: 54.163 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 97 Resp: 138282
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 38.6 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

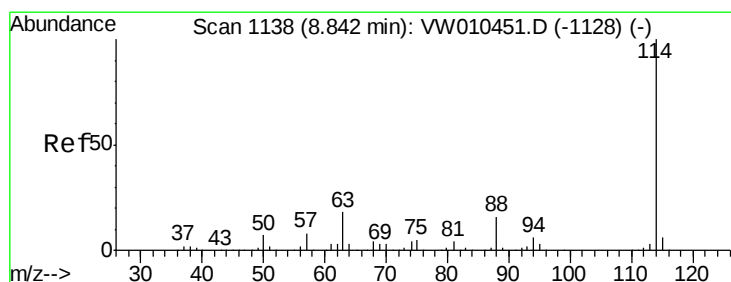
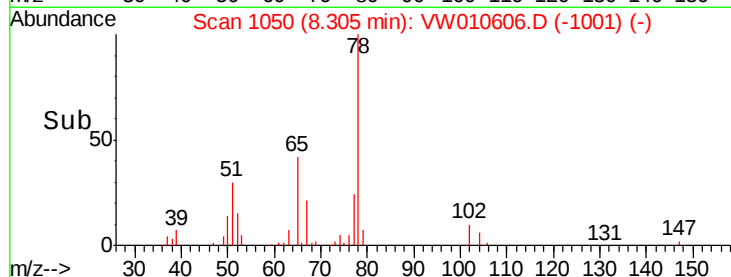
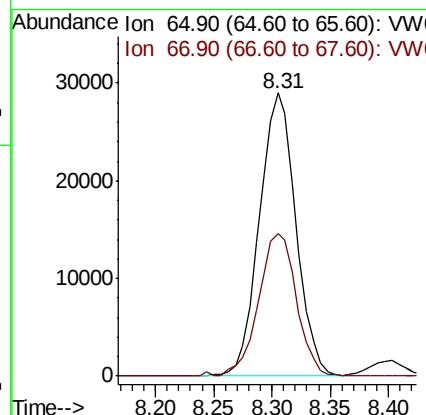
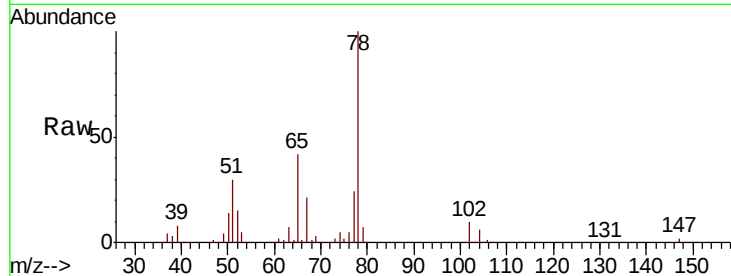




#33
 1,2-Dichloroethane-d4
 Concen: 46.274 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

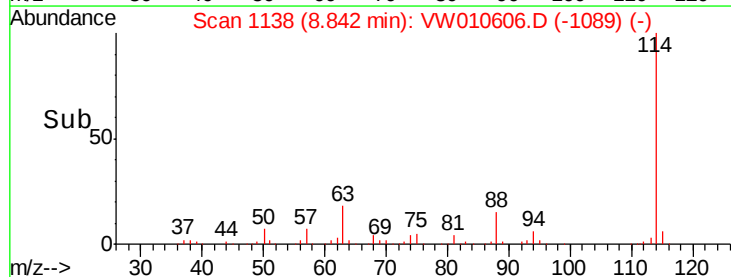
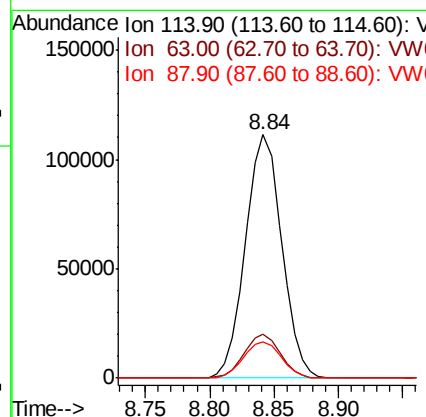
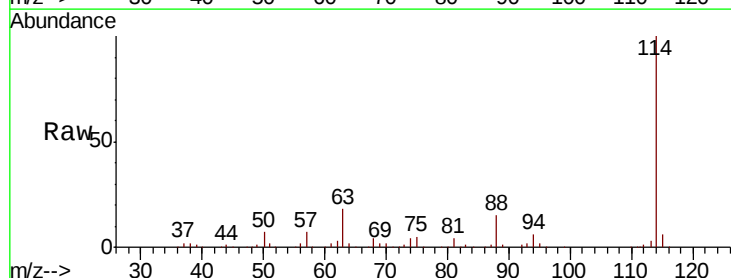
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

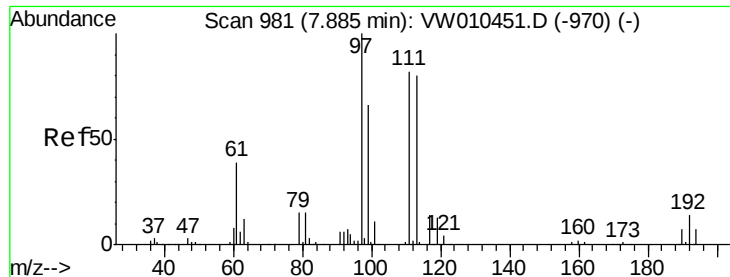
Tot Ion: 65 Resp: 63224
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion: 114 Resp: 217336
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.0
 88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.960 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

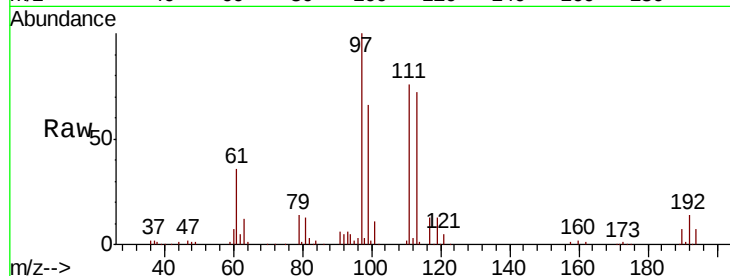
Tot Ion:113 Resp: 68522

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

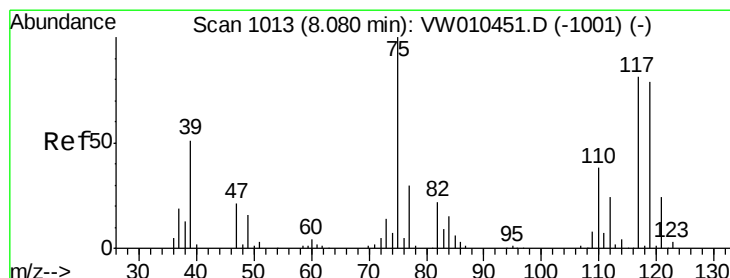
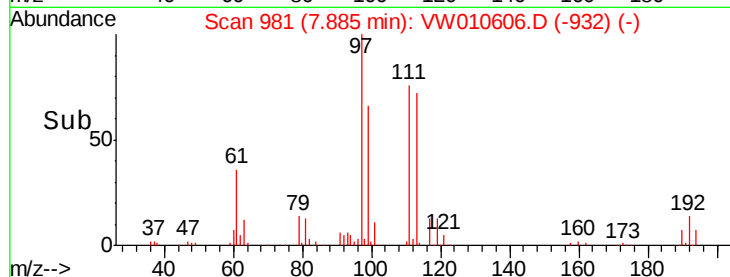
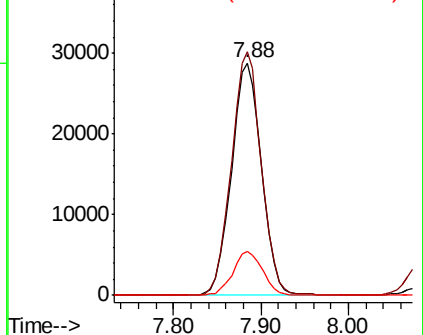
192 18.6 14.3 21.5



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: 56.143 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

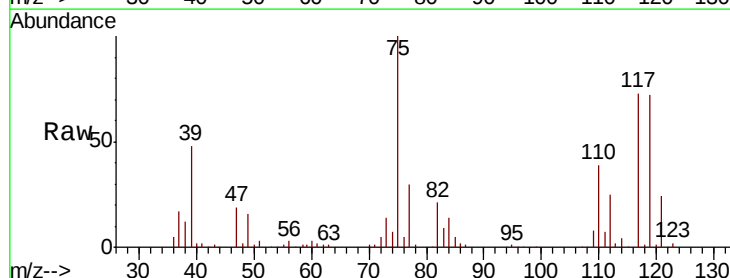
Tgt Ion: 75 Resp: 113667

Ion Ratio Lower Upper

75 100

110 39.4 19.2 57.6

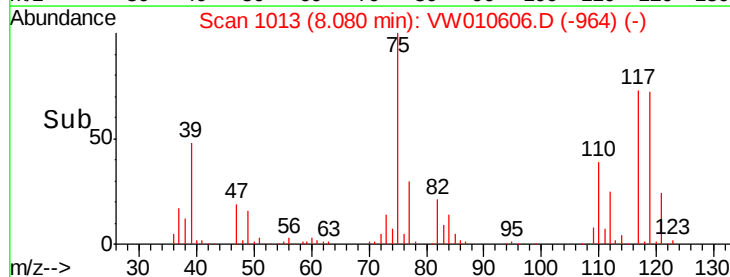
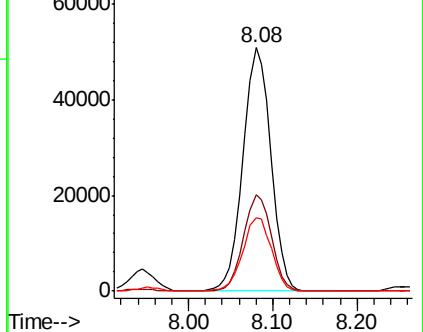
77 31.0 25.2 37.8

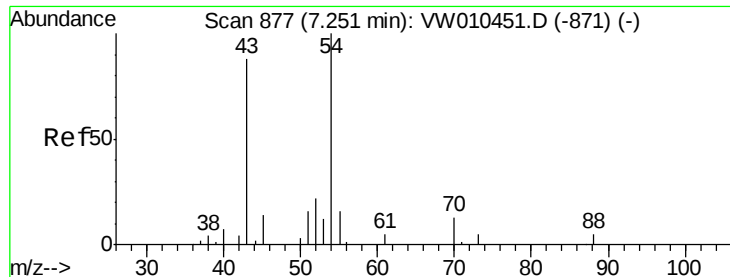


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

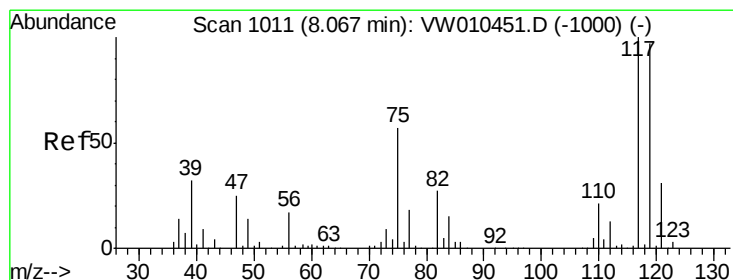
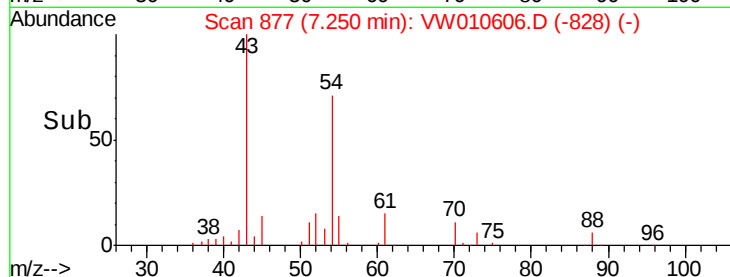
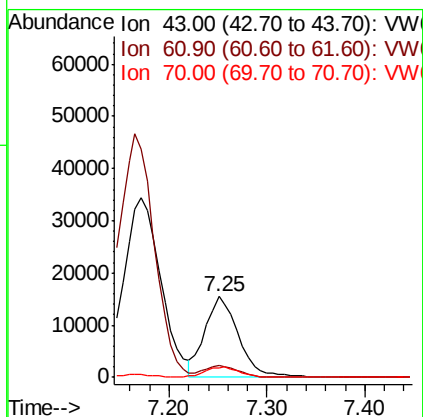
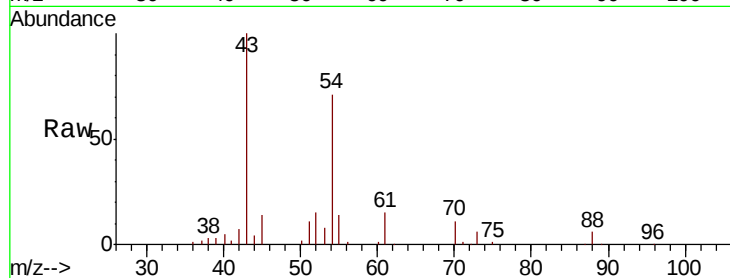




#37
Ethyl Acetate
Concen: 42.302 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

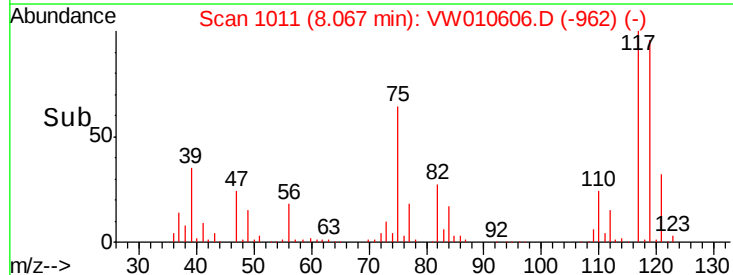
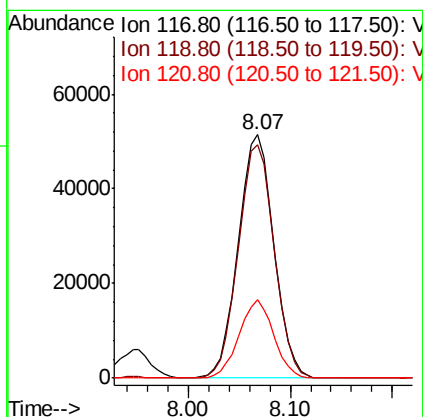
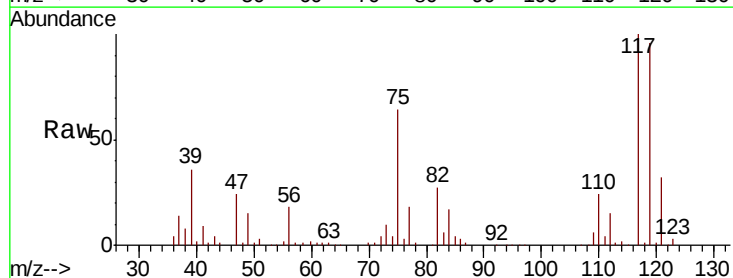
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

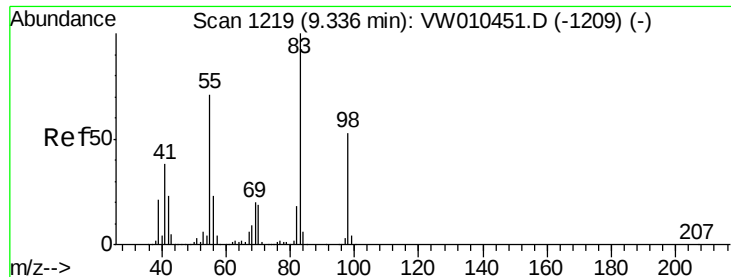
Tot Ion: 43 Resp: 36420
Ion Ratio Lower Upper
43 100
61 14.8 11.2 16.8
70 13.1 9.9 14.9



#38
Carbon Tetrachloride
Concen: 57.148 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 117 Resp: 124813
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
121 32.0 25.0 37.6

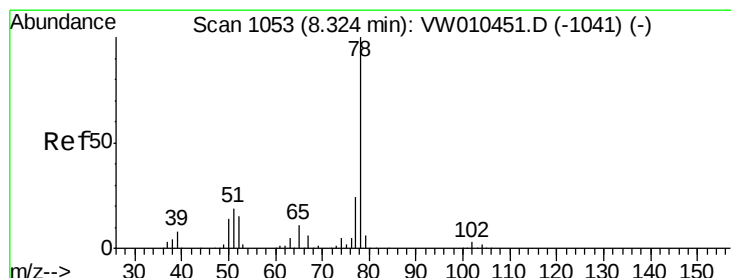
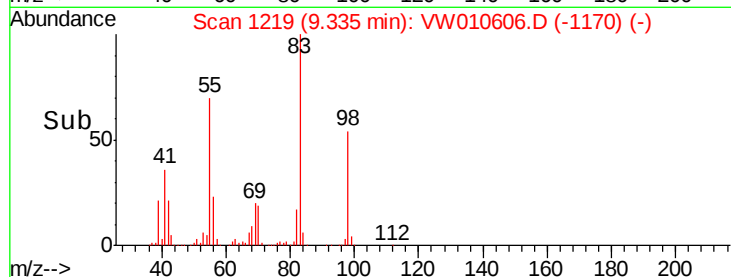
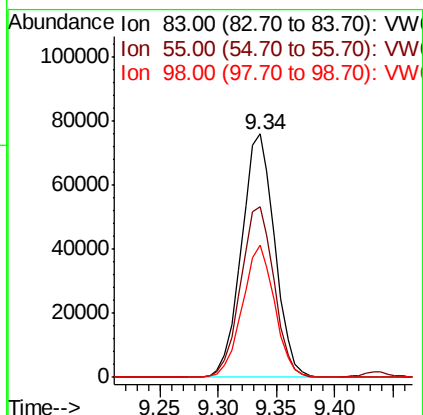
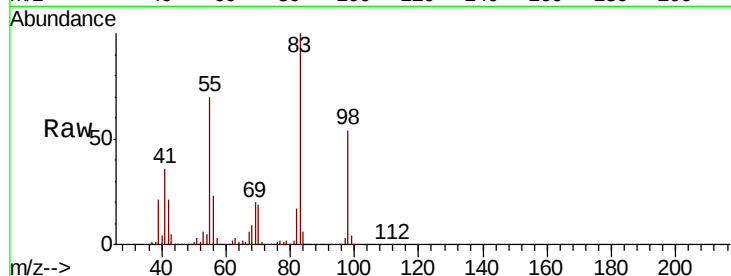




#39
Methvlcvclohexane
Concen: 55.652 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

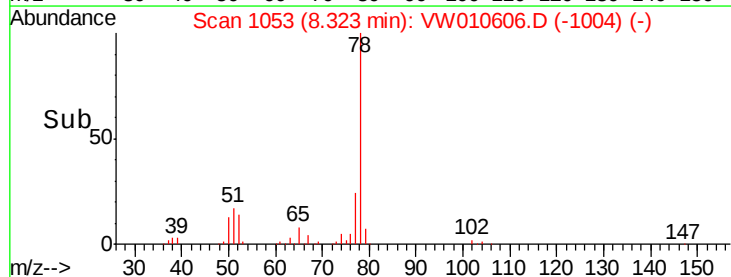
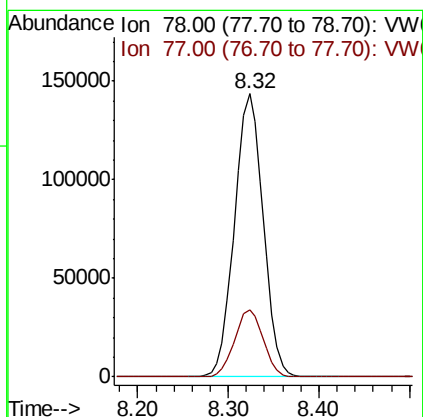
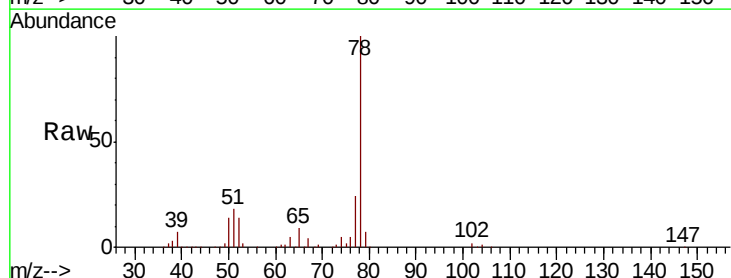
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

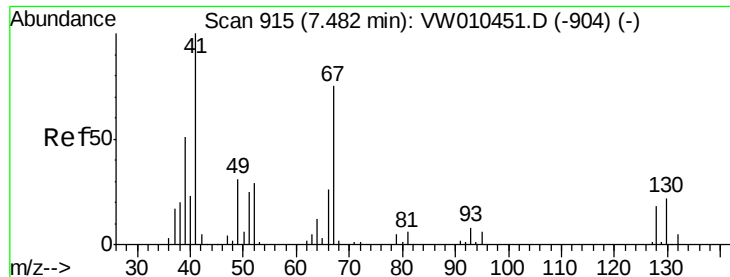
Tot Ion: 83 Resp: 150955
Ion Ratio Lower Upper
83 100
55 69.9 57.0 85.6
98 54.1 42.0 63.0



#40
Benzene
Concen: 56.054 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 78 Resp: 315432
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





#41

Methacrylonitrile

Concen: 42.298 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 21638

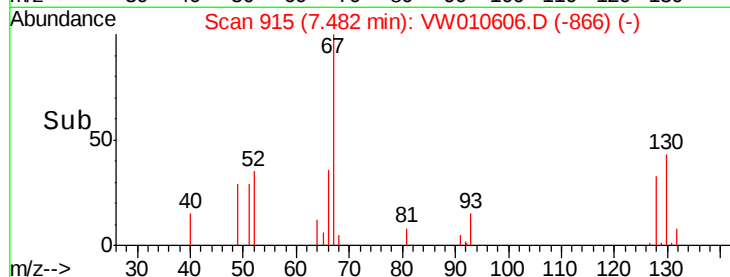
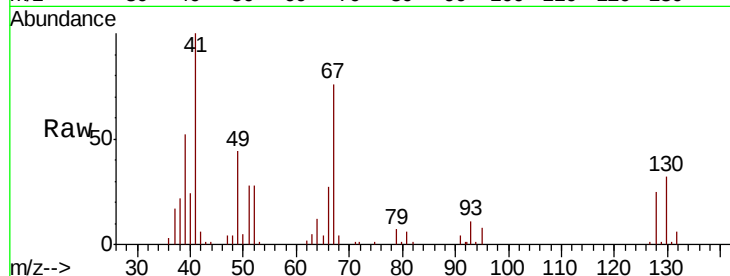
Ion Ratio Lower Upper

41 100

39 58.2 47.4 71.2

67 83.1 65.5 98.3

52 32.2 25.0 37.4

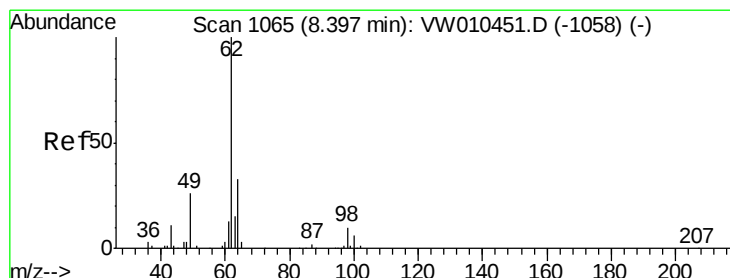
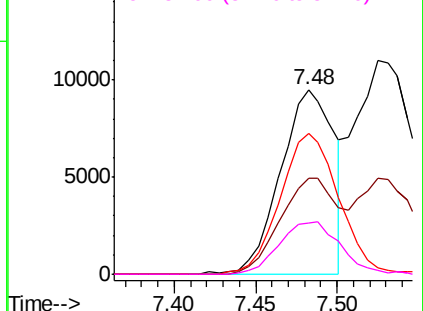


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 51.873 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010606.D

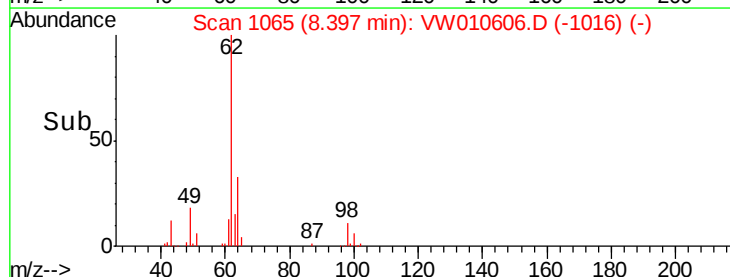
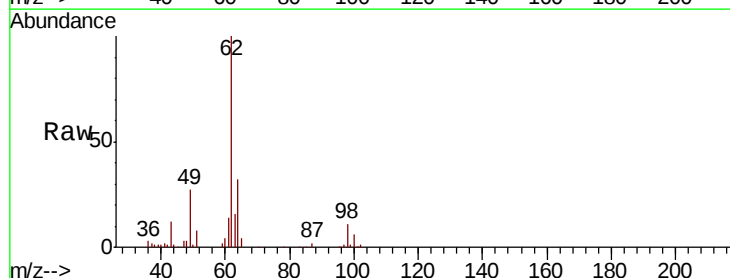
Acq: 30 May 2019 10:43

Tgt Ion: 62 Resp: 83429

Ion Ratio Lower Upper

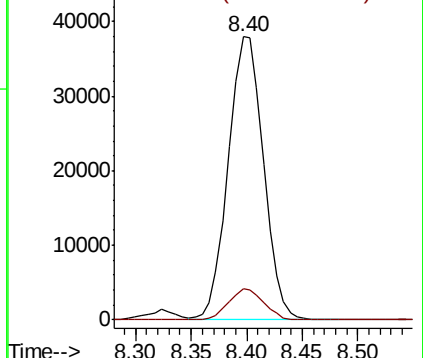
62 100

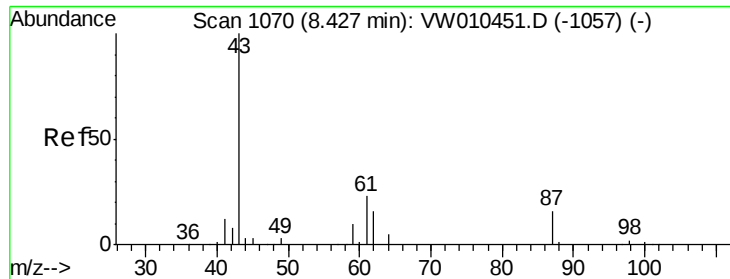
98 10.9 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



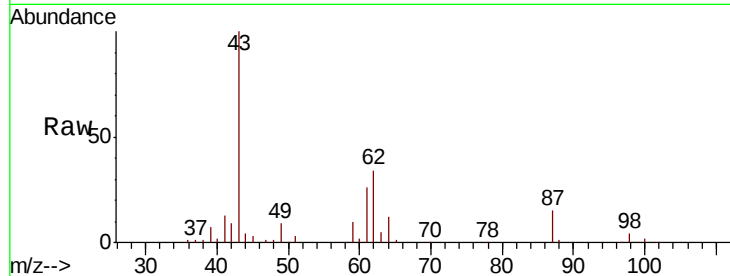


#43

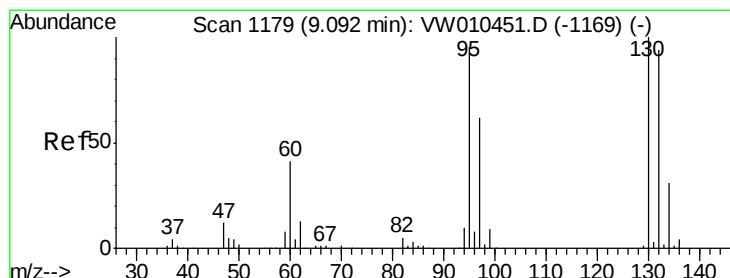
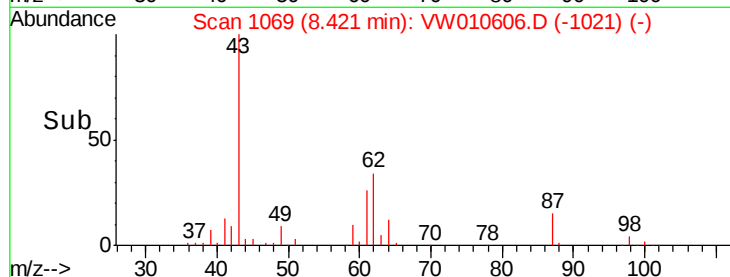
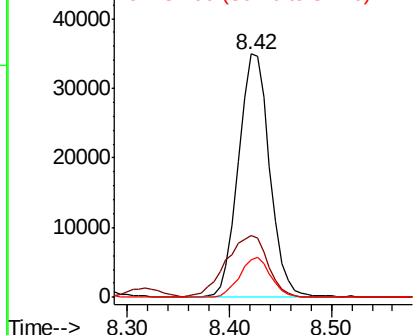
Isopropyl Acetate
 Concen: 43.248 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 74387
 Ion Ratio Lower Upper
 43 100
 61 34.1 25.4 38.2
 87 16.2 12.7 19.1



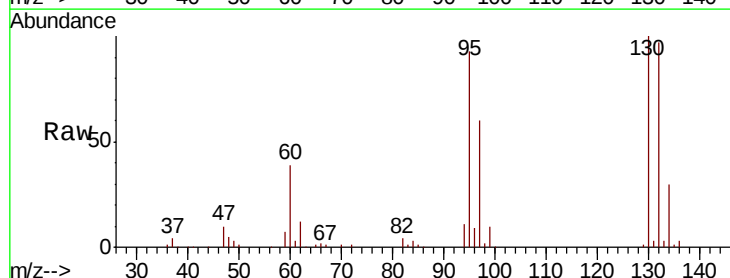
Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 87.00 (86.70 to 87.70): VW



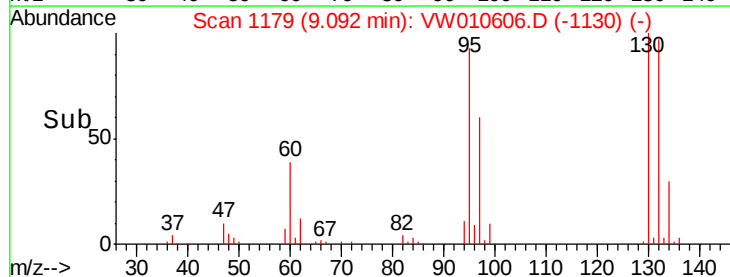
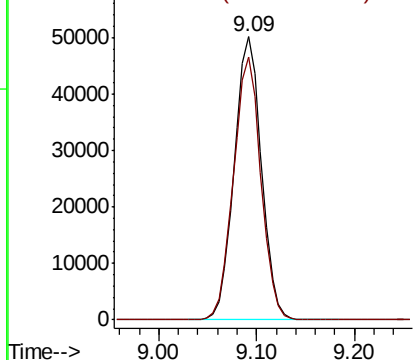
#44

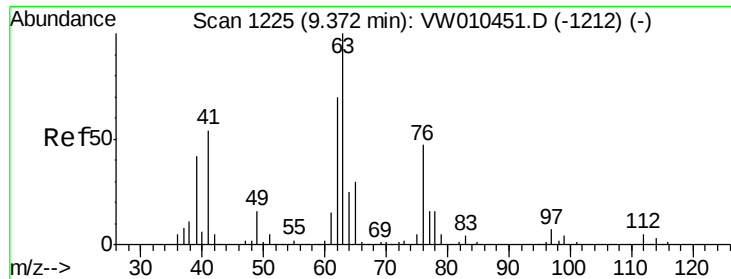
Trichloroethene
 Concen: 57.863 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion: 130 Resp: 96667
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 54.183 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

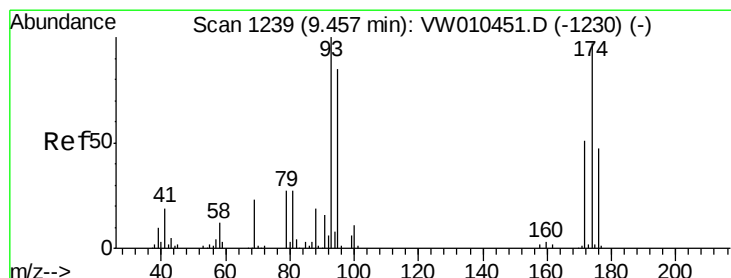
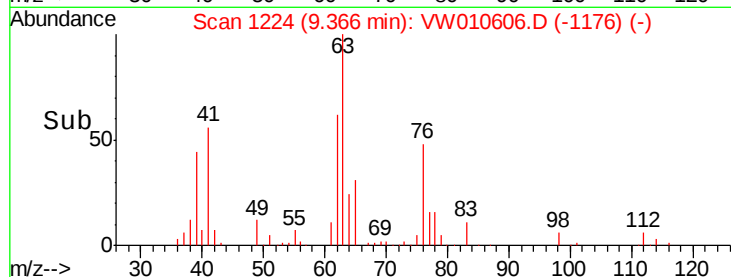
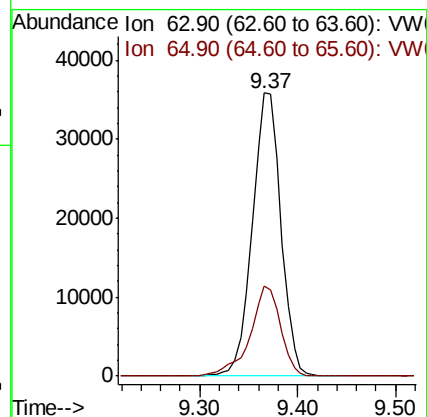
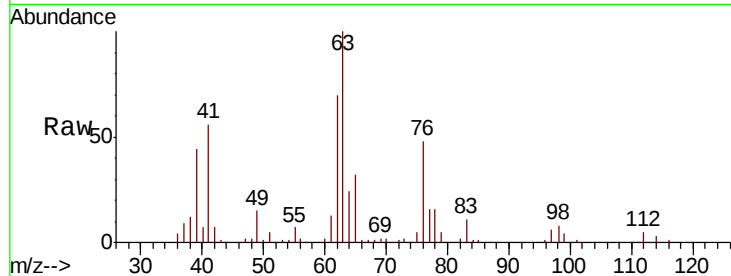
VSTDCCC050

Tot Ion: 63 Resp: 72413

Ion Ratio Lower Upper

63 100

65 32.0 24.3 36.5



#46

Dibromomethane

Concen: 51.670 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

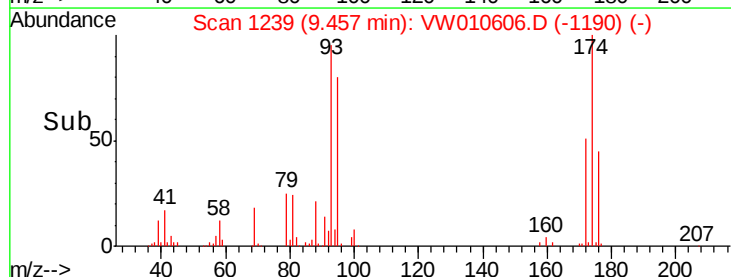
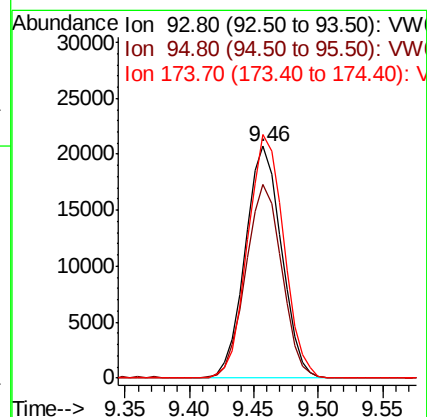
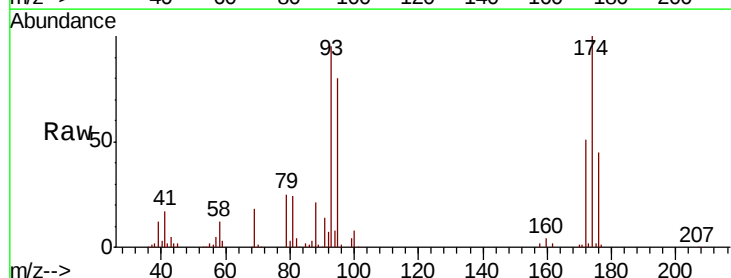
Tgt Ion: 93 Resp: 40385

Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 104.5 77.1 115.7

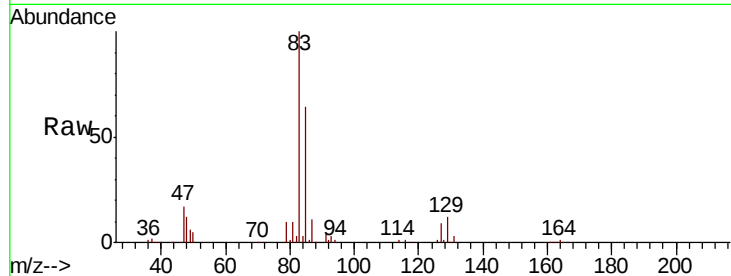




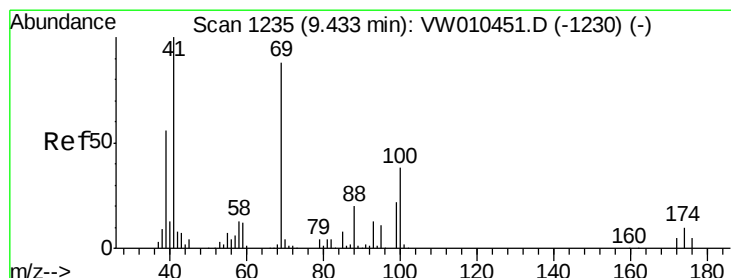
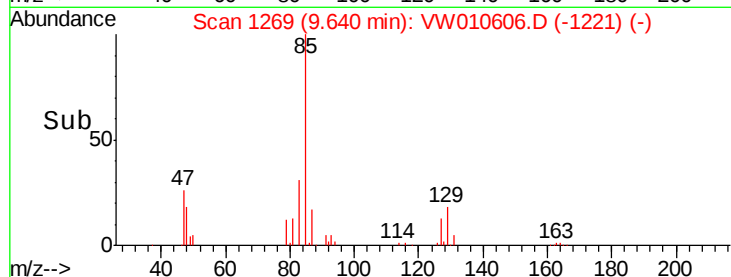
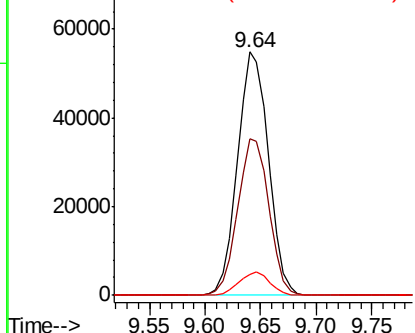
#47
Bromodichloromethane
Concen: 53.822 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 105712
Ion Ratio Lower Upper
83 100
85 64.5 50.4 75.6
127 8.6 7.4 11.0

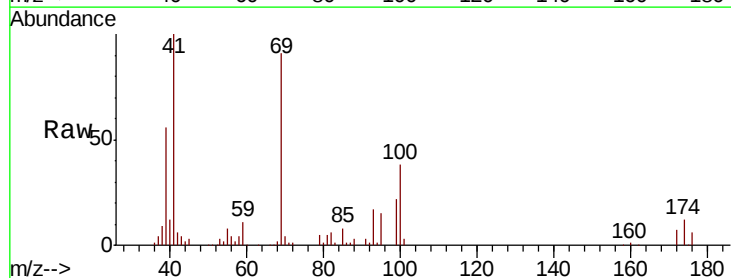


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

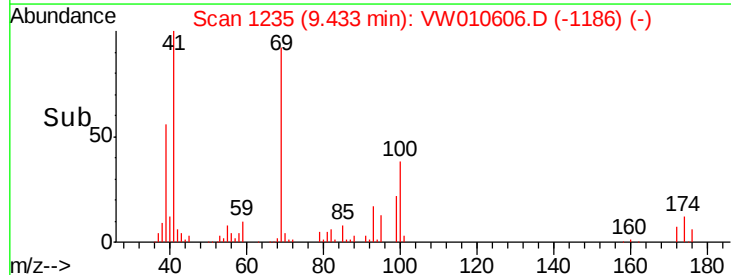
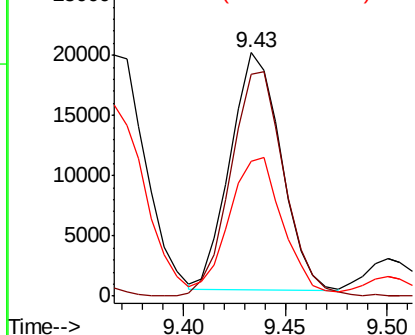


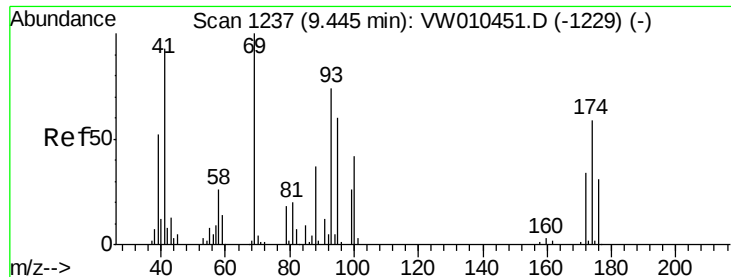
#48
Methyl methacrylate
Concen: 43.230 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 41 Resp: 34017
Ion Ratio Lower Upper
41 100
69 100.3 77.6 116.4
39 58.5 49.8 74.8



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

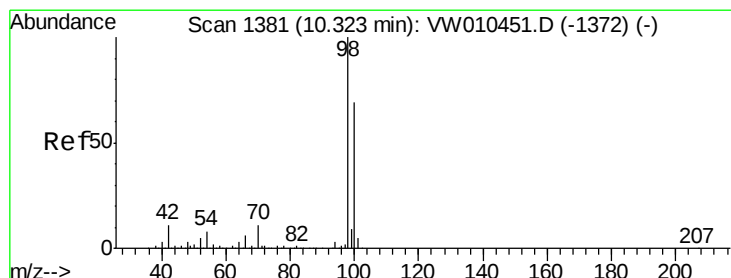
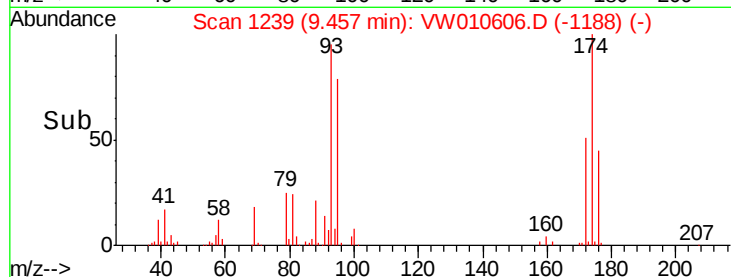
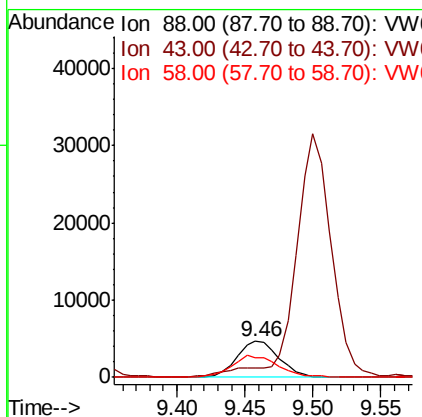
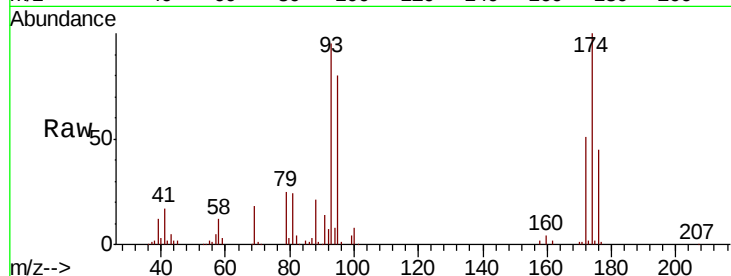




#49
1,4-Dioxane
Concen: 789.568 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

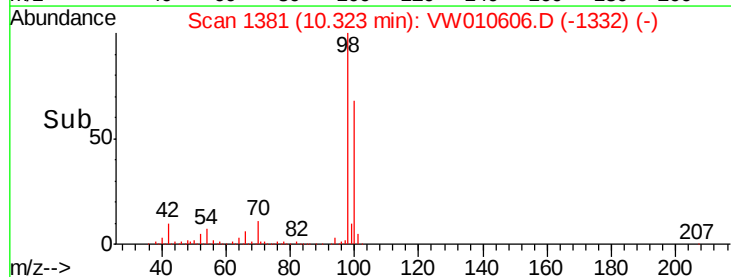
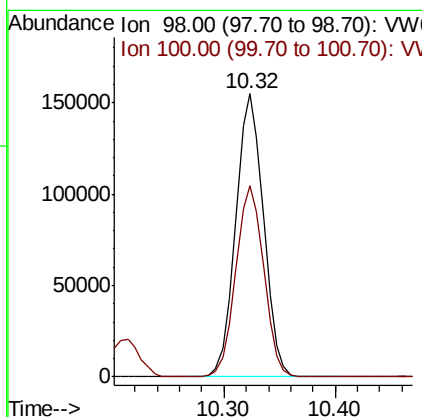
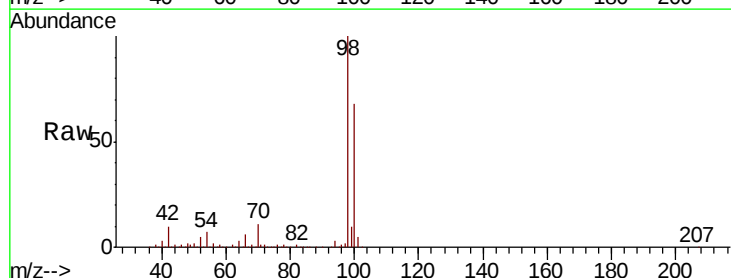
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

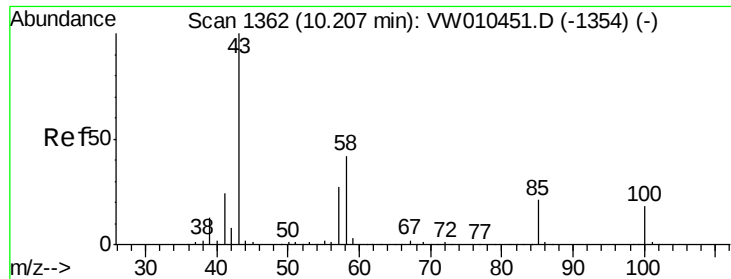
Tot Ion: 88 Resp: 10081
Ion Ratio Lower Upper
88 100
43 0.0 25.9 38.9#
58 67.2 52.7 79.1



#50
Toluene-d8
Concen: 53.054 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 98 Resp: 267285
Ion Ratio Lower Upper
98 100
100 68.0 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 214.871 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

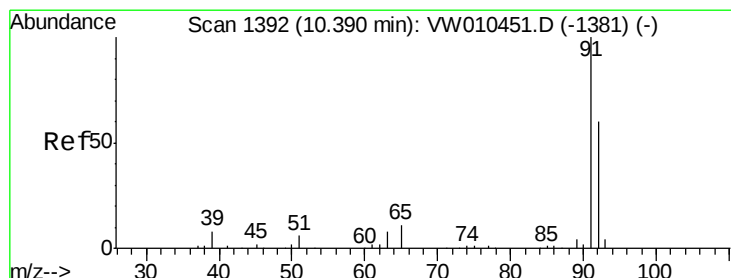
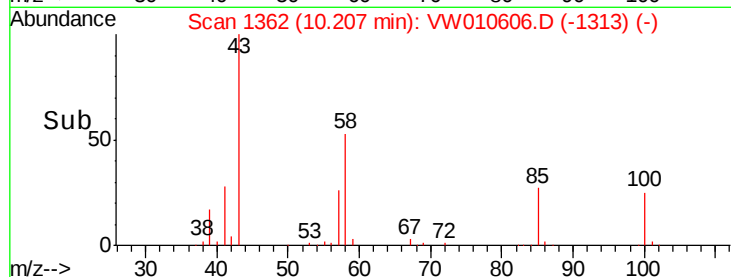
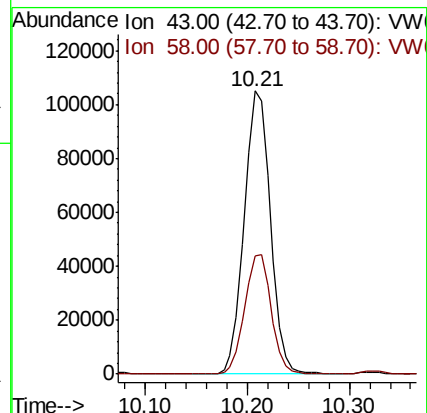
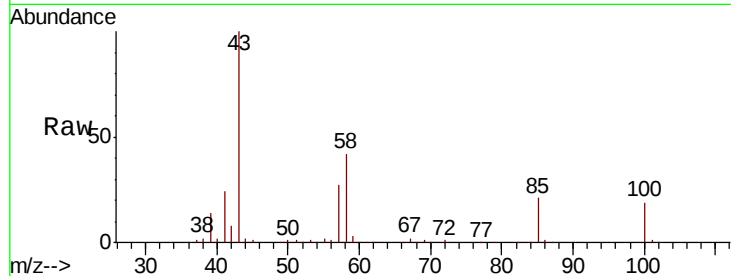
VSTDCCC050

Tot Ion: 43 Resp: 187273

Ion Ratio Lower Upper

43 100

58 42.6 33.2 49.8



#52

Toluene

Concen: 56.231 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010606.D

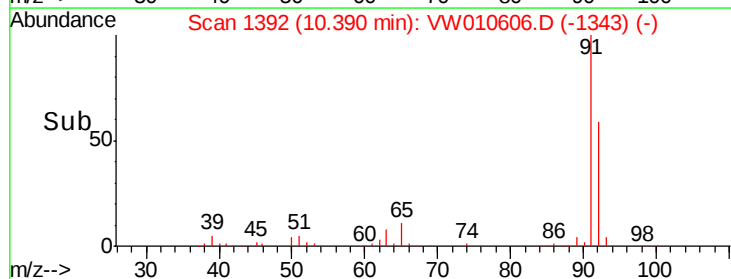
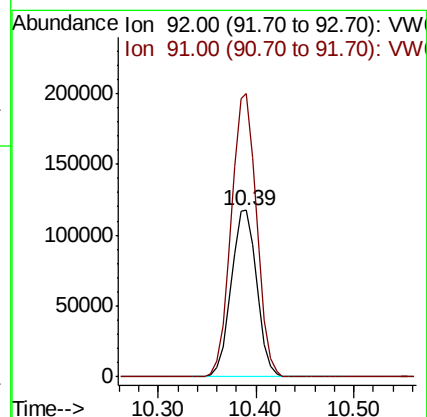
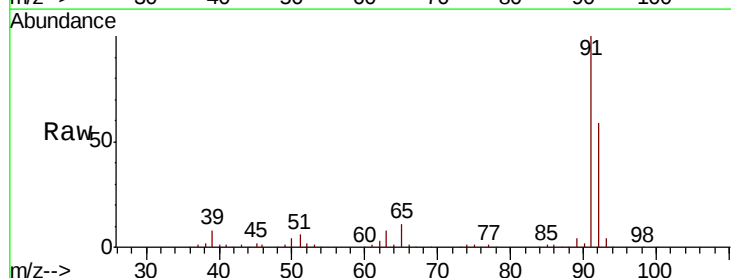
Acq: 30 May 2019 10:43

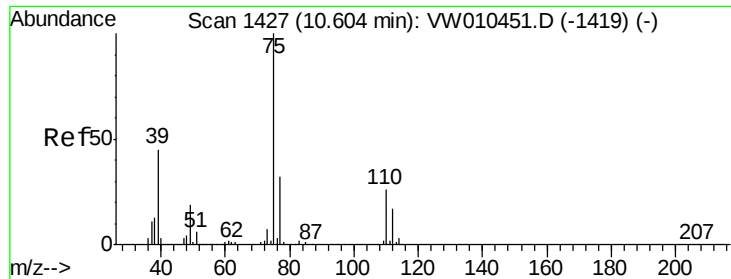
Tgt Ion: 92 Resp: 212505

Ion Ratio Lower Upper

92 100

91 168.9 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 50.800 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

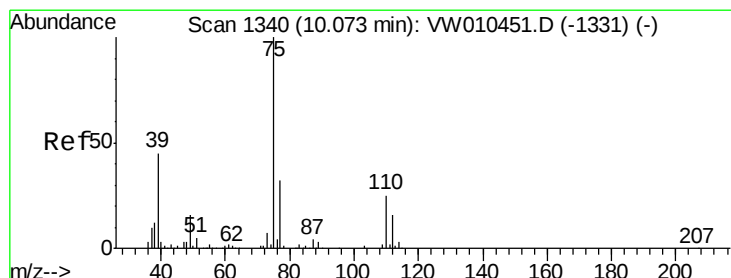
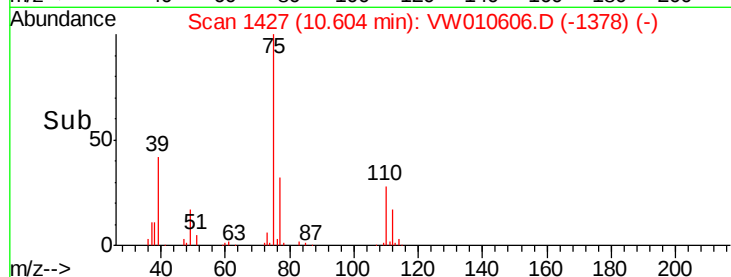
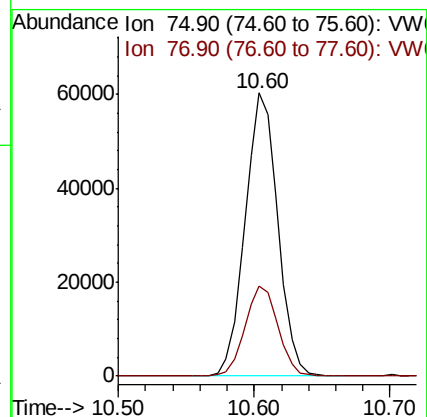
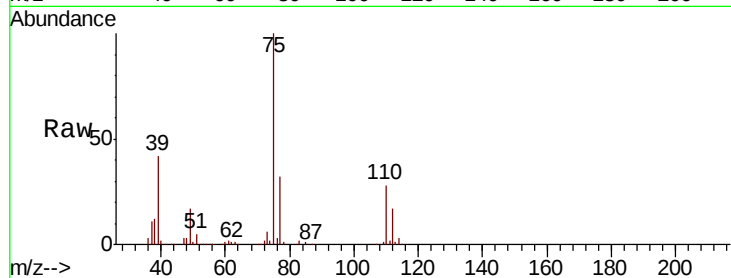
VSTDCCC050

Tot Ion: 75 Resp: 101052

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 53.242 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

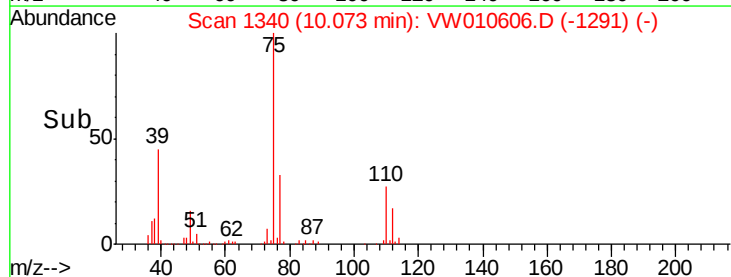
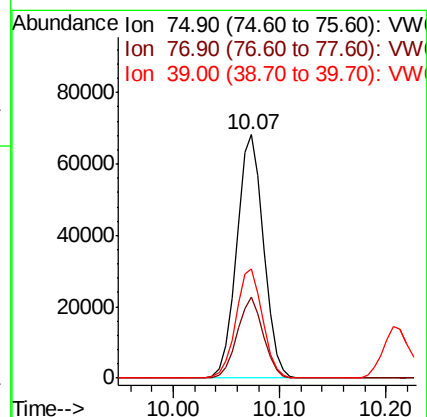
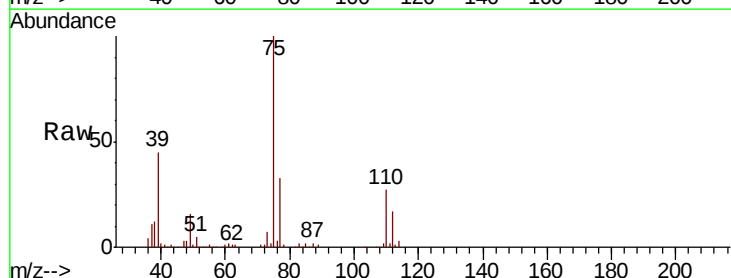
Tgt Ion: 75 Resp: 120955

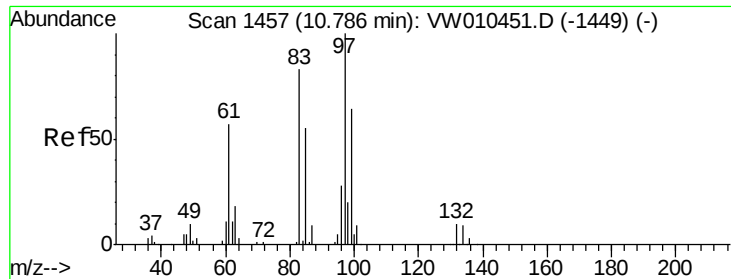
Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5

39 44.9 36.2 54.4

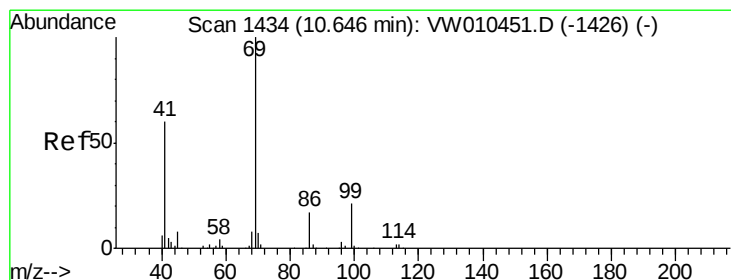
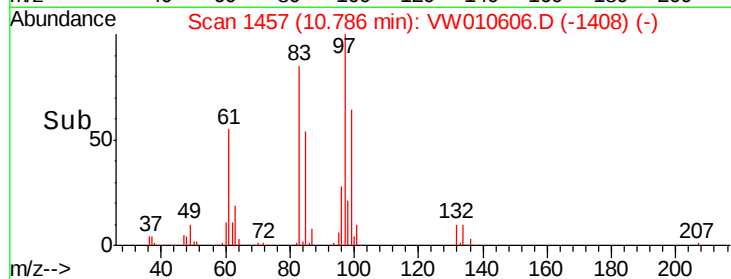
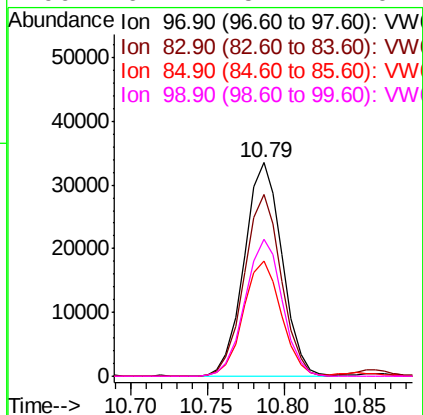
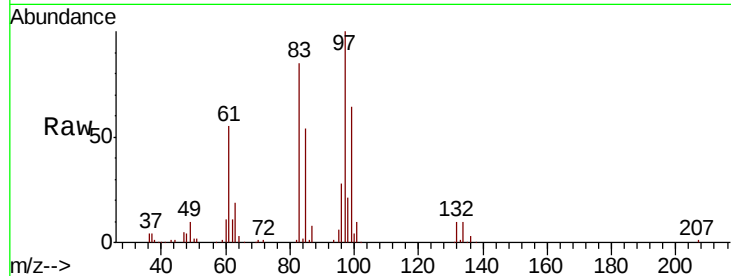




#55
 1,1,2-Trichloroethane
 Concen: 51.336 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

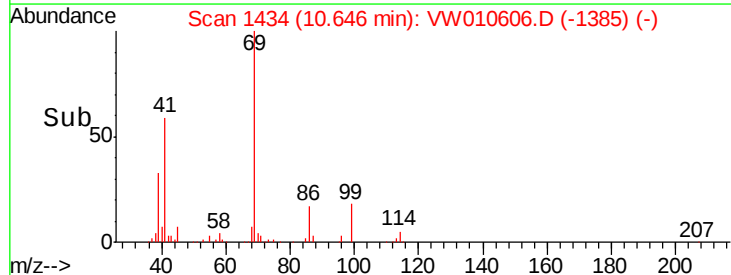
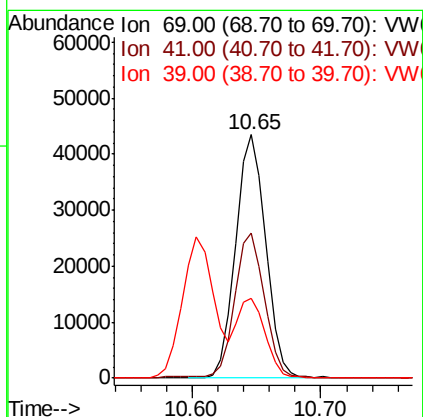
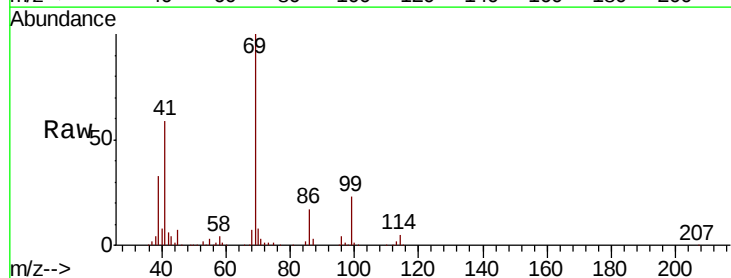
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

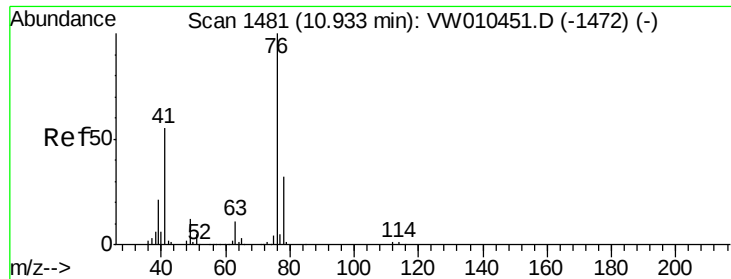
Tot Ion:	97	Resp:	57698
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.1	99.1
85	54.1	44.2	66.4
99	64.1	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 45.357 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion:	69	Resp:	70307
Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.7	71.5
39	31.0	25.3	37.9

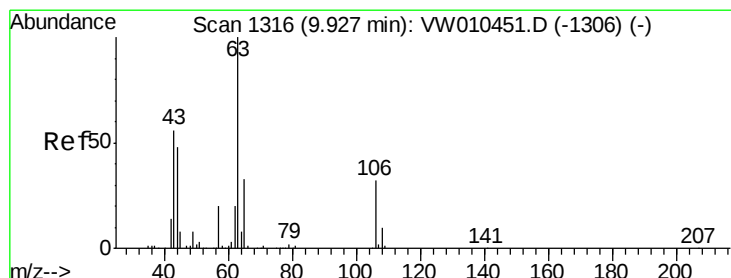
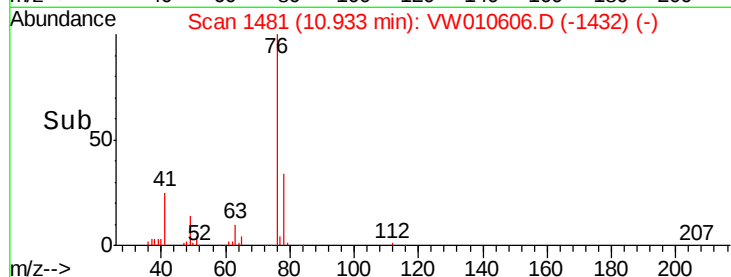
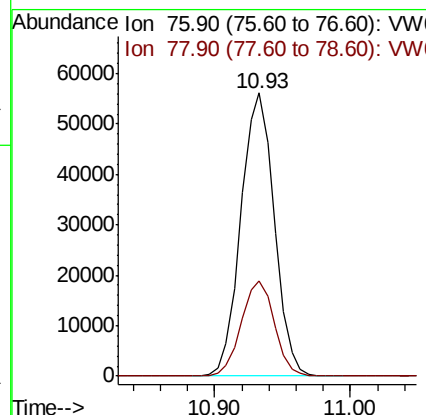
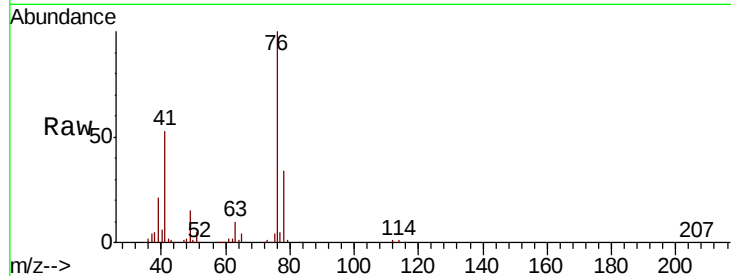




#57
 1,3-Dichloropropane
 Concen: 51.163 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

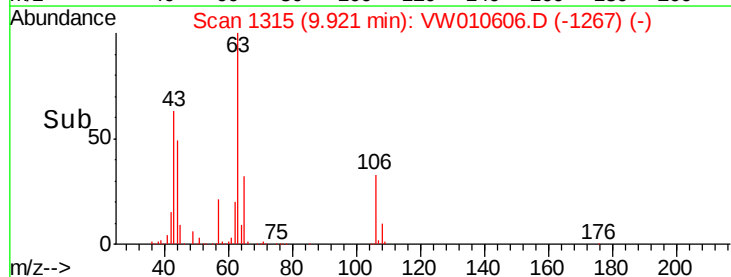
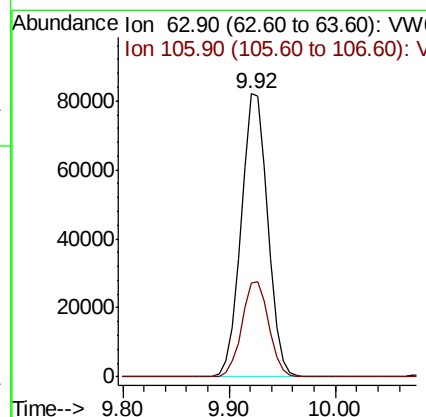
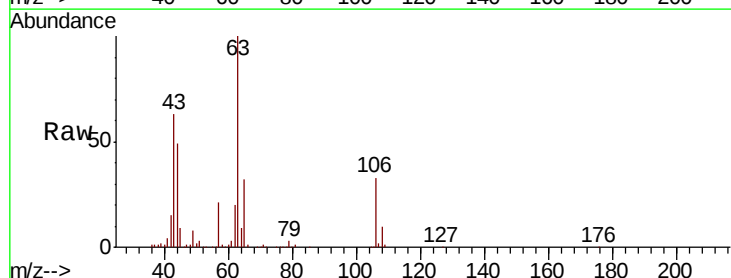
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

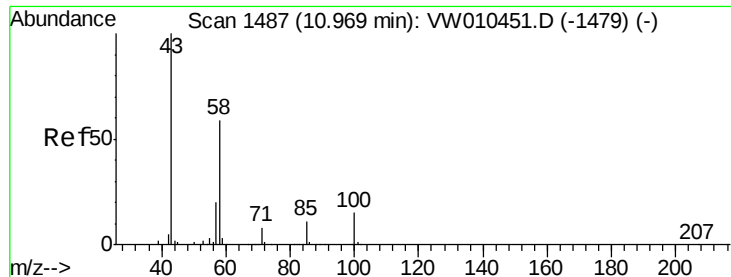
Tot Ion: 76 Resp: 96322
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 210.181 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion: 63 Resp: 144306
 Ion Ratio Lower Upper
 63 100
 106 34.0 25.8 38.6

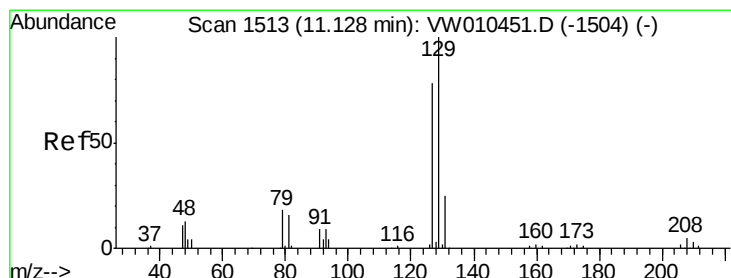
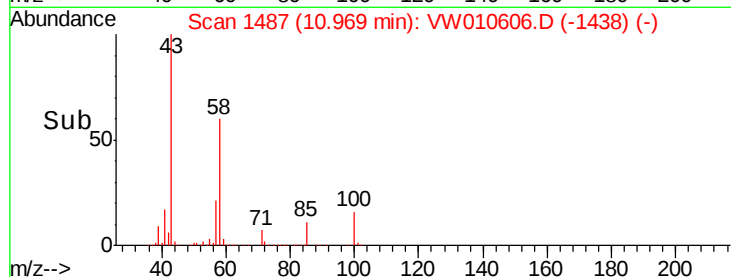
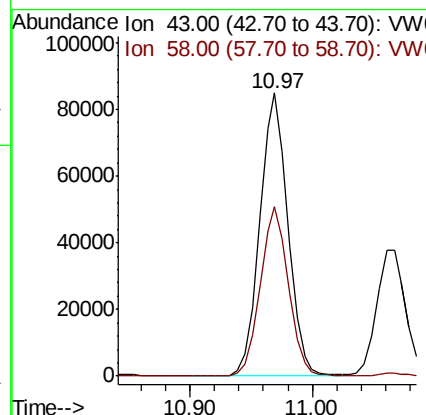
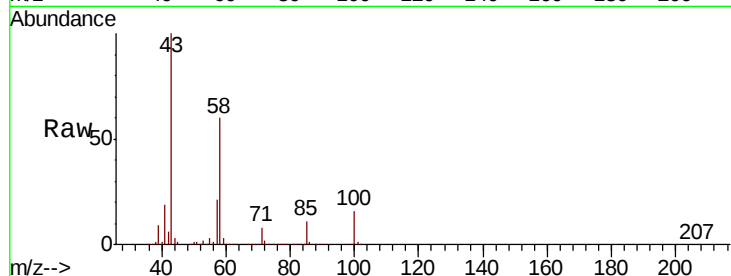




#59
2-Hexanone
Concen: 218.987 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

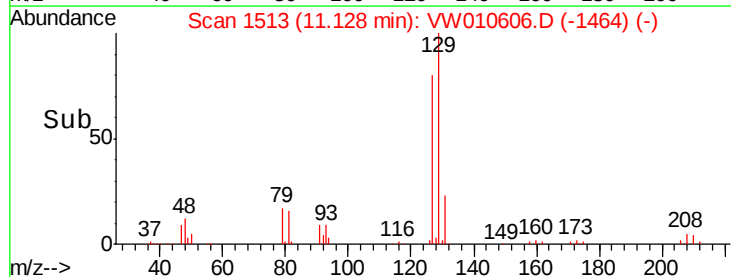
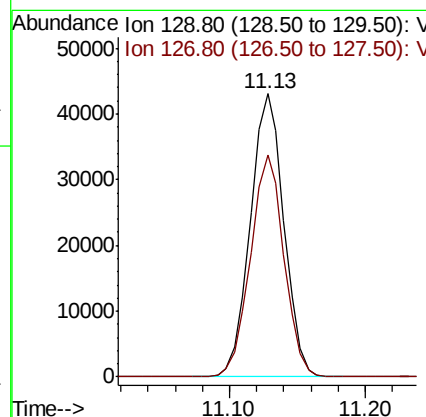
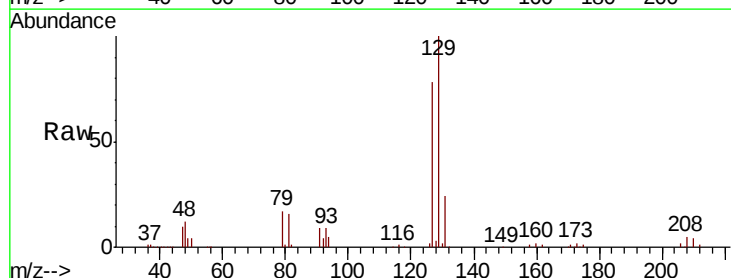
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

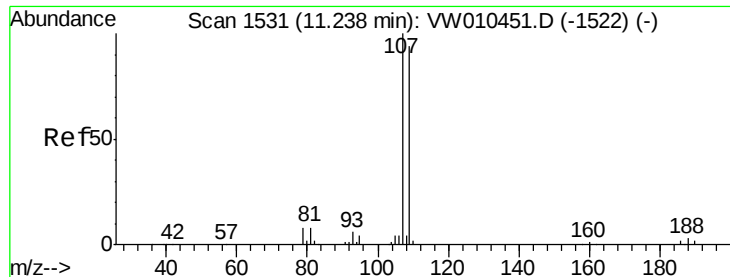
Tot Ion: 43 Resp: 136150
Ion Ratio Lower Upper
43 100
58 59.9 28.9 86.8



#60
Dibromochloromethane
Concen: 52.262 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 129 Resp: 74340
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7

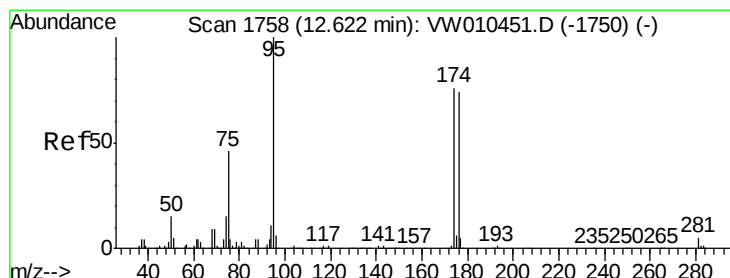
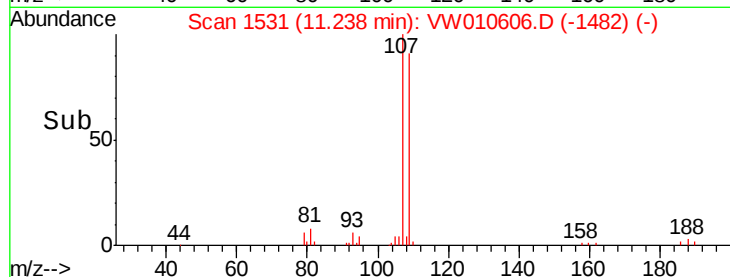
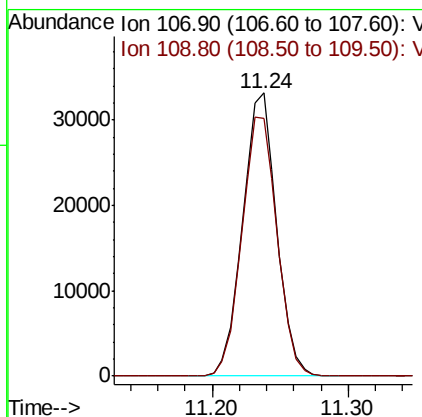
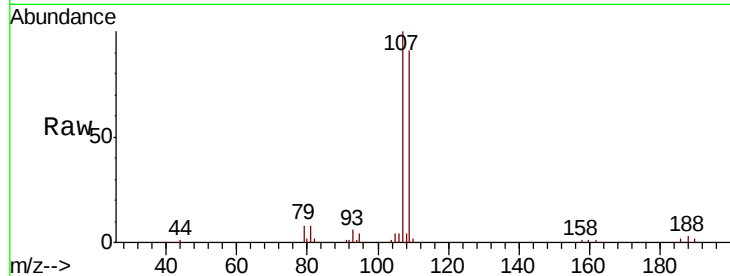




#61
 1,2-Dibromoethane
 Concen: 50.718 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

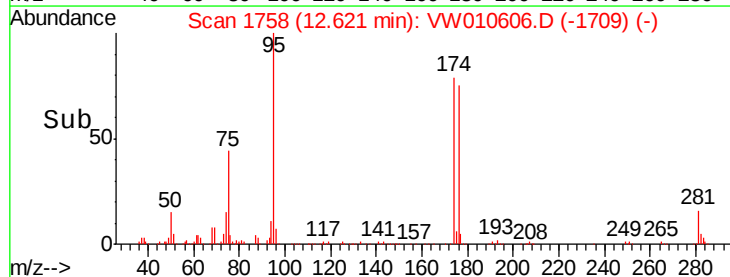
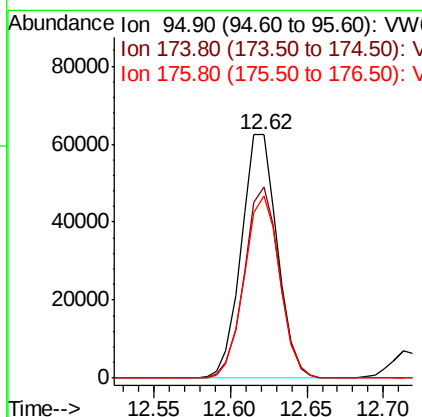
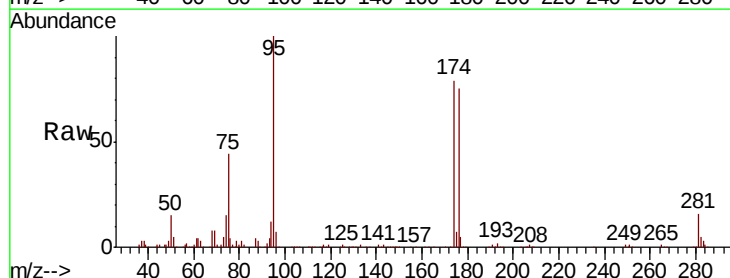
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 57744
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.701 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion: 95 Resp: 101742
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 148.6
 176 74.3 0.0 144.2

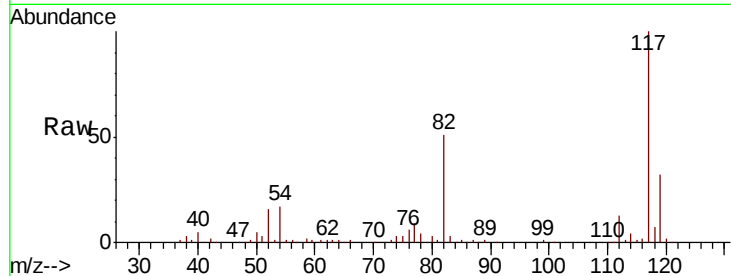




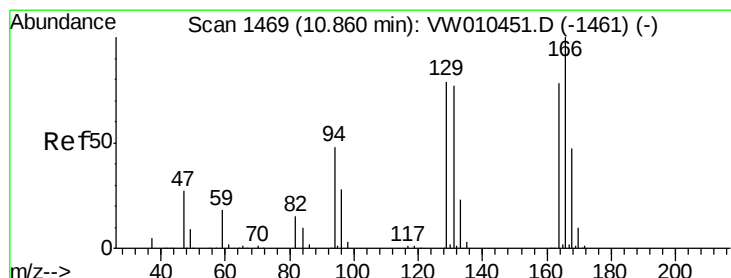
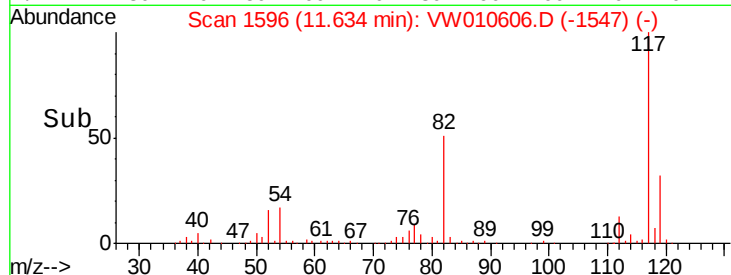
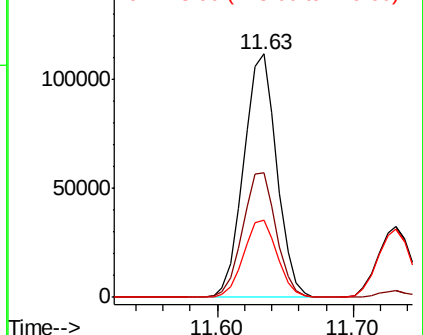
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 189923
Ion Ratio Lower Upper
117 100
82 51.1 42.8 64.2
119 32.0 26.3 39.5

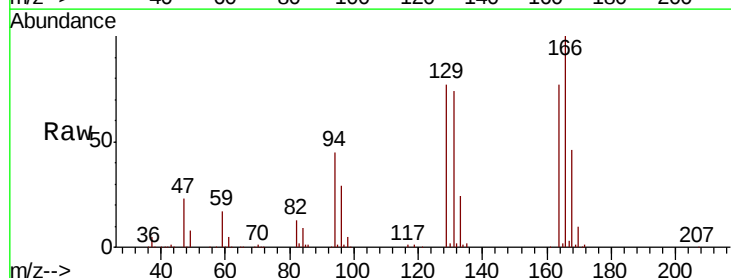


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

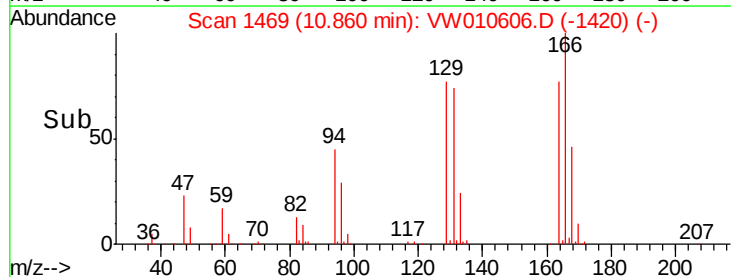
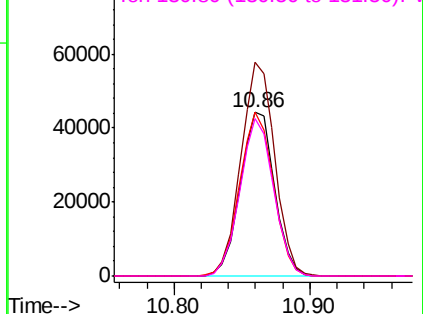


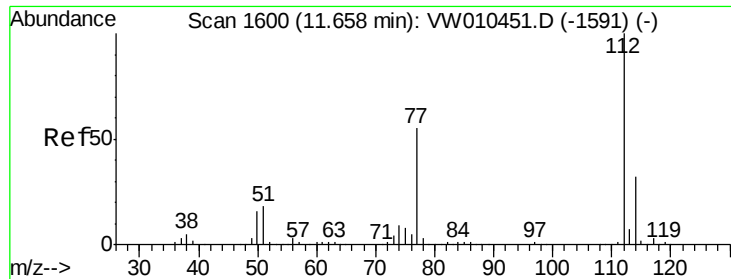
#64
Tetrachloroethene
Concen: 58.660 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion:164 Resp: 77662
Ion Ratio Lower Upper
164 100
166 130.4 101.9 152.9
129 99.9 80.6 121.0
131 96.3 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

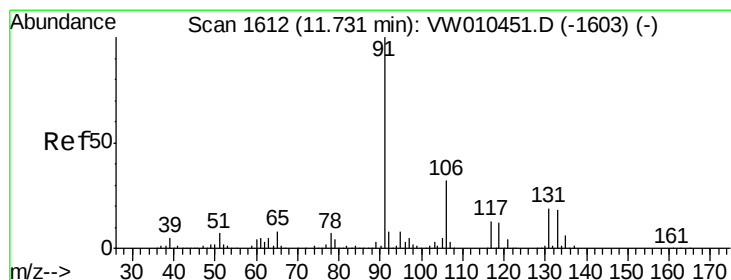
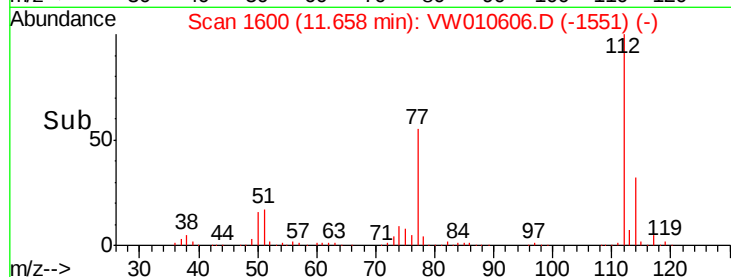
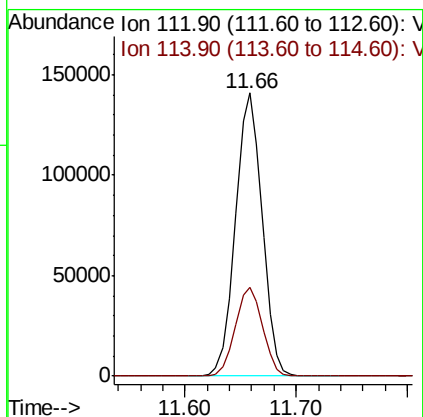
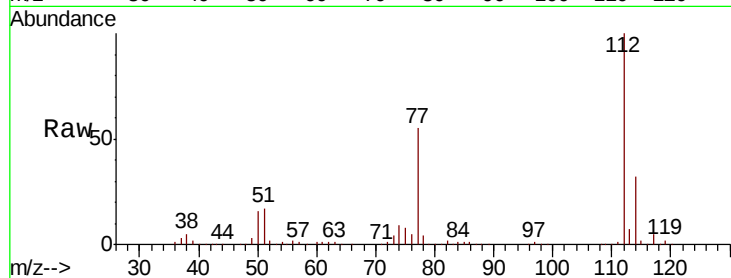




#65
Chlorobenzene
Concen: 57.490 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

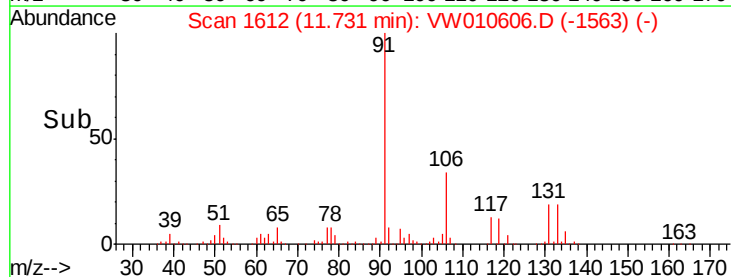
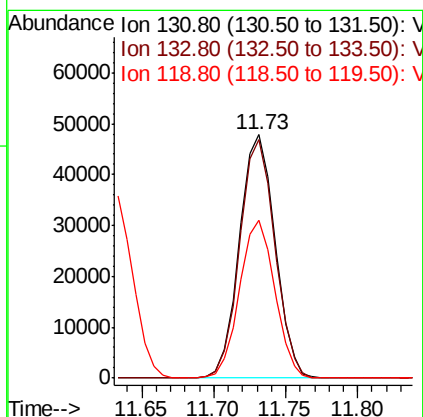
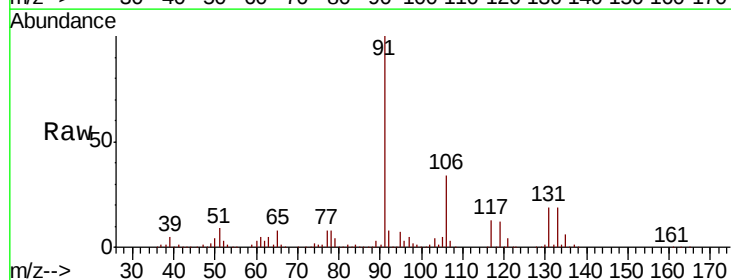
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

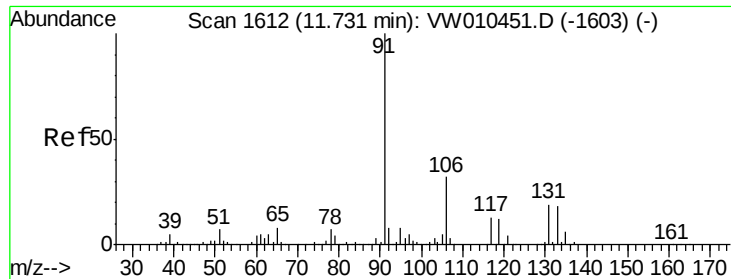
Tot Ion:112 Resp: 232704
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 56.734 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion:131 Resp: 82263
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.9
119 64.2 32.1 96.5

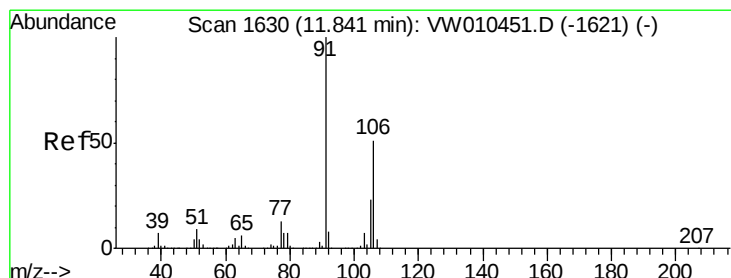
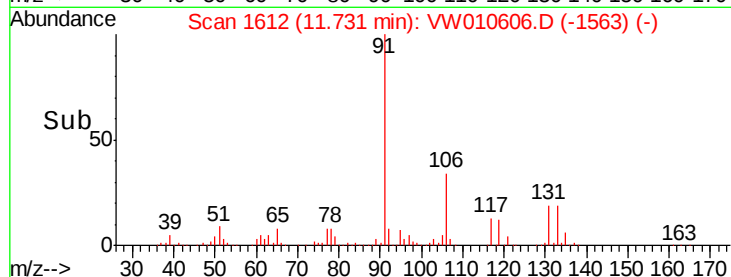
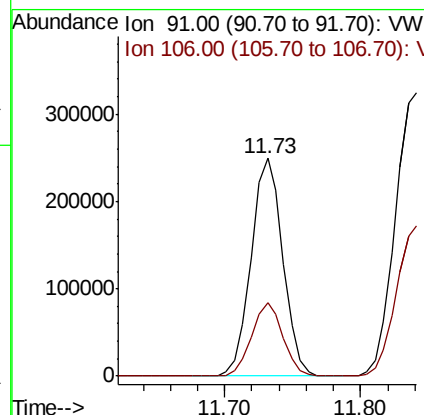
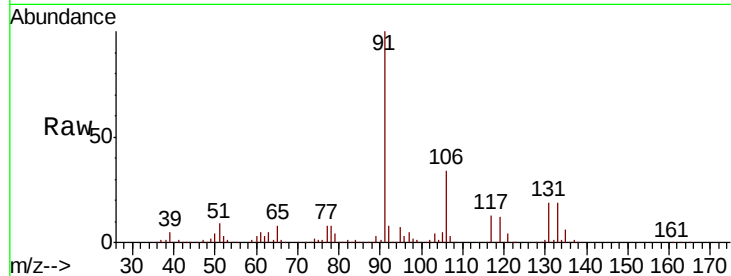




#67
Ethyl Benzene
Concen: 56.981 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

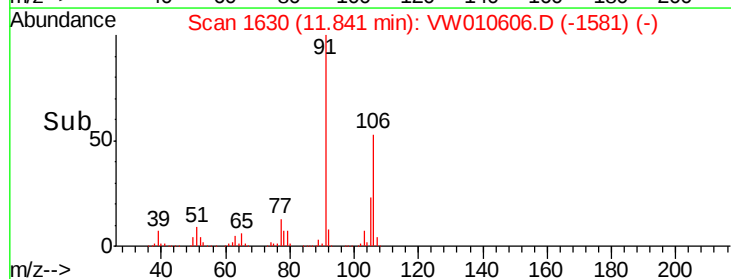
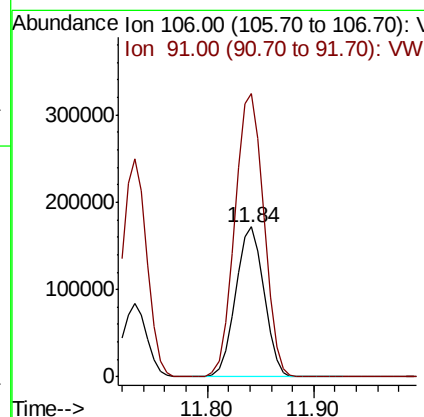
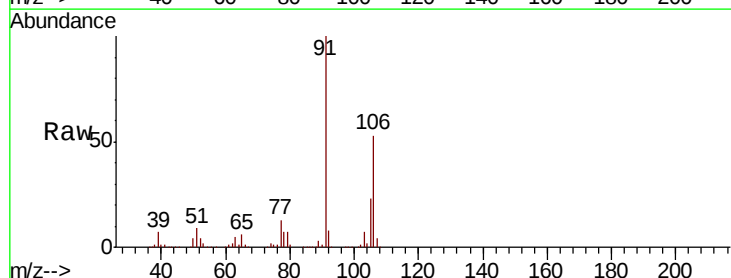
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

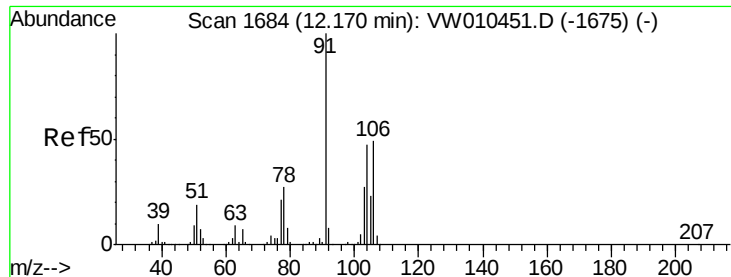
Tot Ion: 91 Resp: 407209
Ion Ratio Lower Upper
91 100
106 33.5 25.9 38.9



#68
m/p-Xylenes
Concen: 115.077 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion:106 Resp: 322564
Ion Ratio Lower Upper
106 100
91 192.6 156.0 234.0

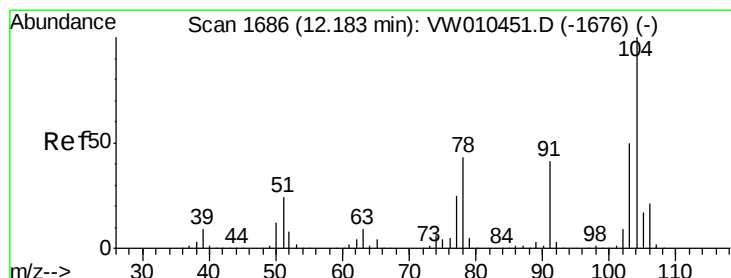
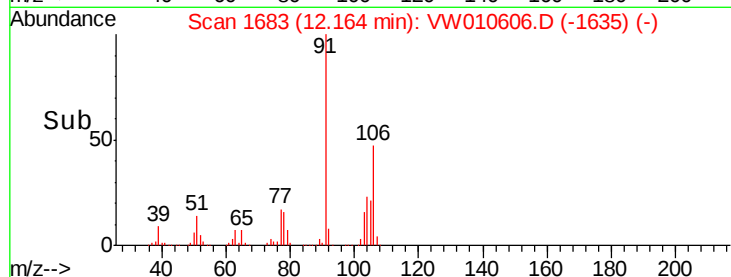
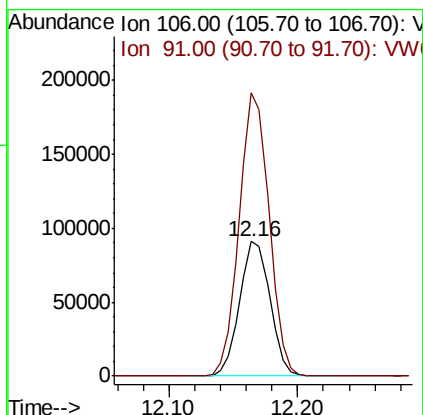
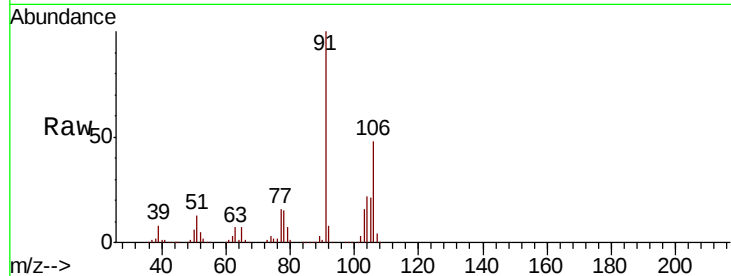




#69
o-Xylene
Concen: 56.091 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

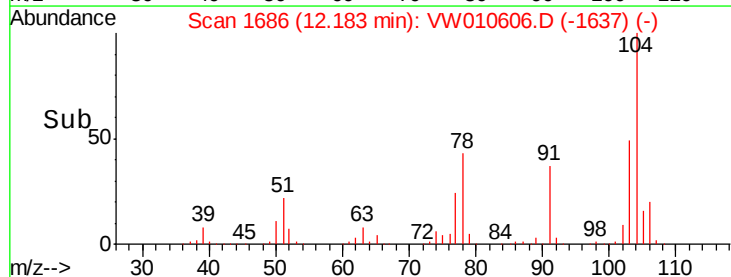
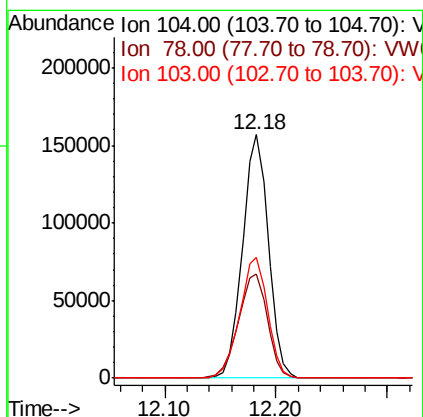
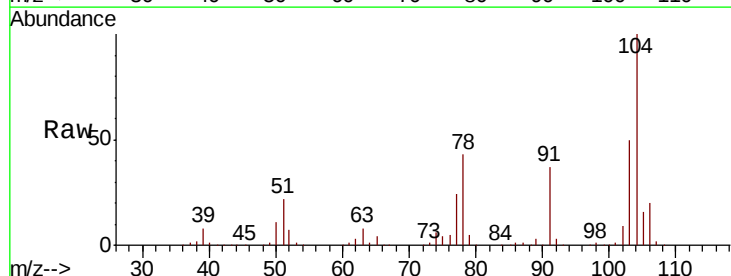
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

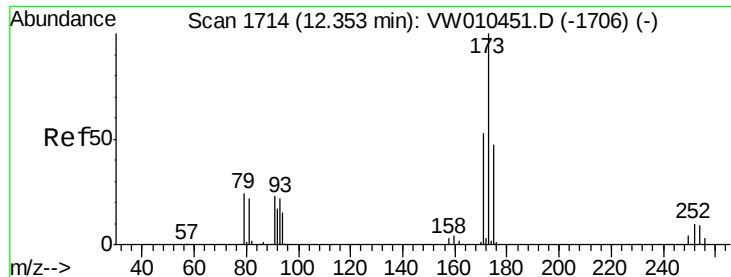
Tot Ion:106 Resp: 148963
Ion Ratio Lower Upper
106 100
91 206.9 103.2 309.4



#70
Styrene
Concen: 56.088 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion:104 Resp: 252732
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 53.4 43.0 64.6





#71

Bromoform

Concen: 50.485 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

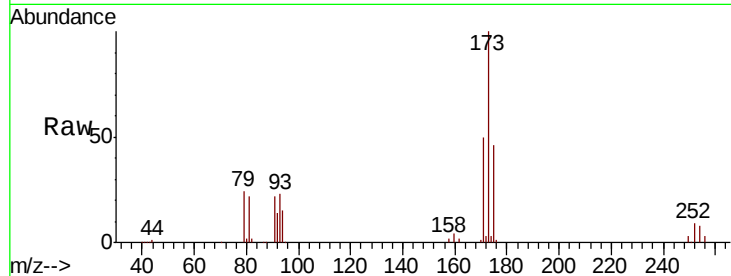
Tot Ion:173 Resp: 40311

Ion Ratio Lower Upper

173 100

175 47.2 24.4 73.4

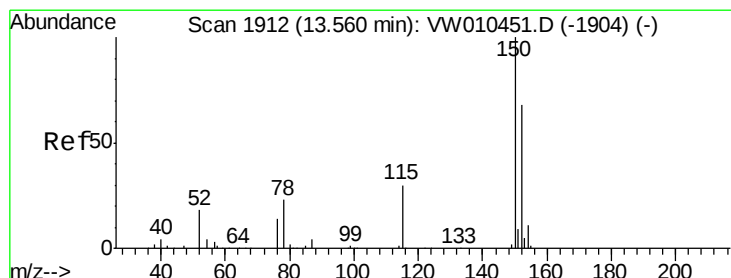
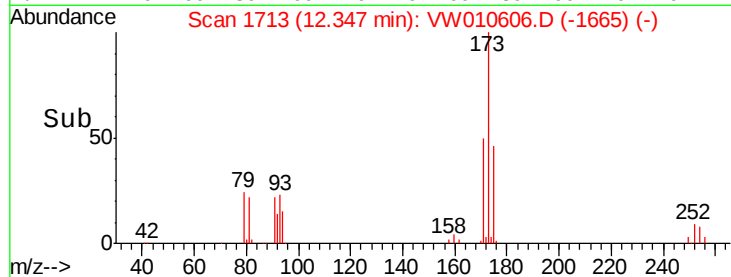
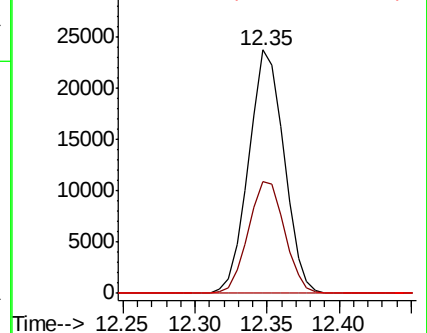
254 0.0 0.0 0.0



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: VW010606.D

Acq: 30 May 2019 10:43

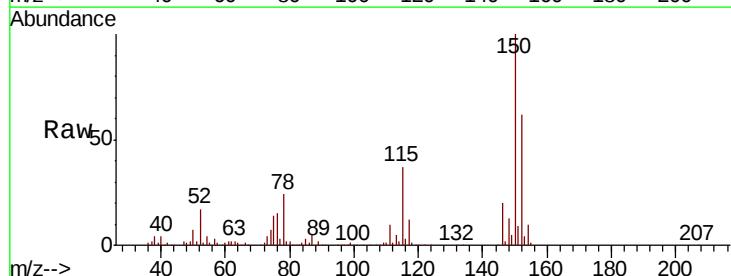
Tgt Ion:152 Resp: 91916

Ion Ratio Lower Upper

152 100

115 59.6 30.3 91.0

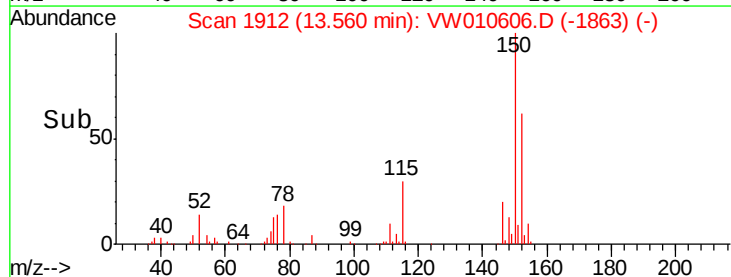
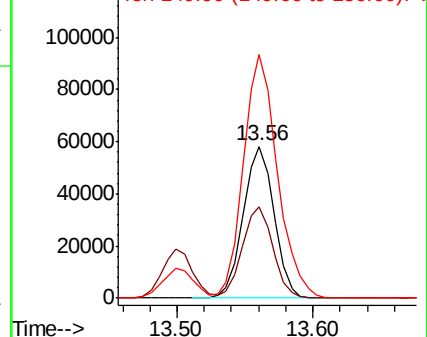
150 177.1 0.0 349.8

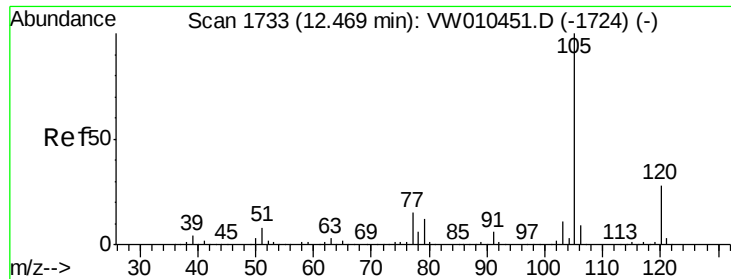


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.937 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

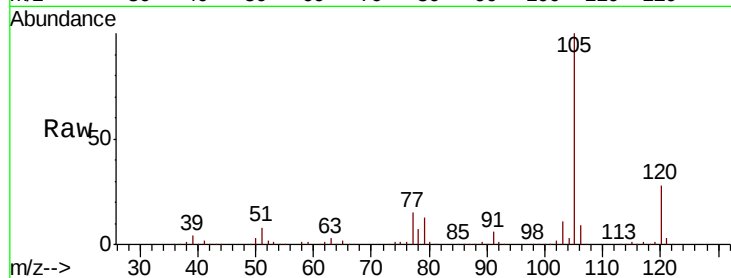
VSTDCCC050

Tot Ion:105 Resp: 415286

Ion Ratio Lower Upper

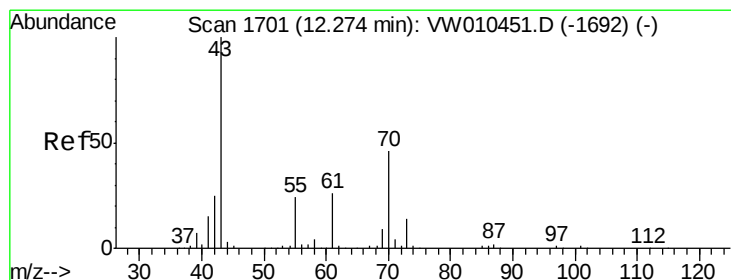
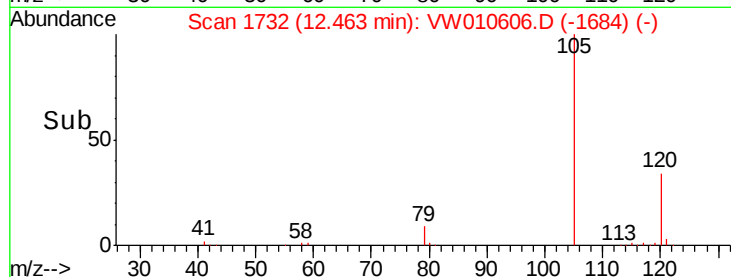
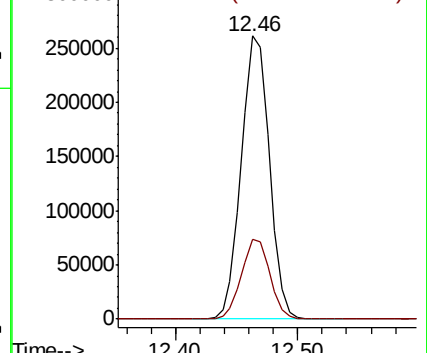
105 100

120 28.5 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: 41.548 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Tgt Ion: 43 Resp: 69444

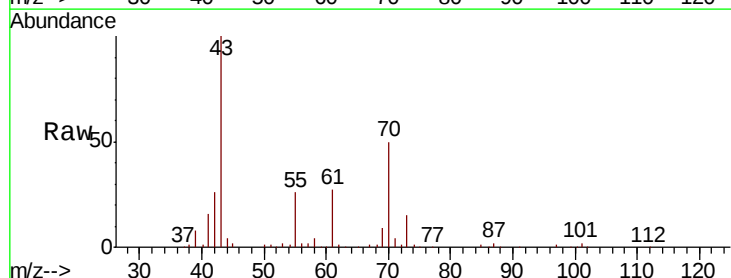
Ion Ratio Lower Upper

43 100

70 48.9 37.1 55.7

55 25.9 19.6 29.4

61 26.3 20.7 31.1

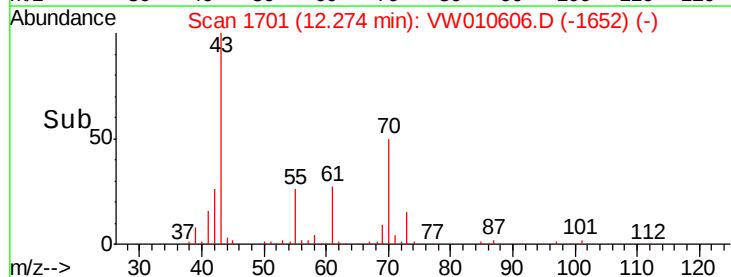
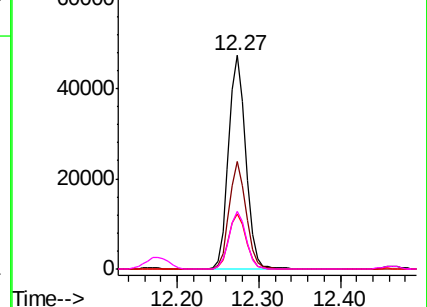


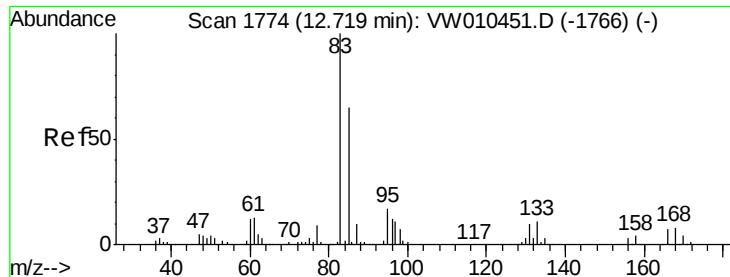
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 46.680 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

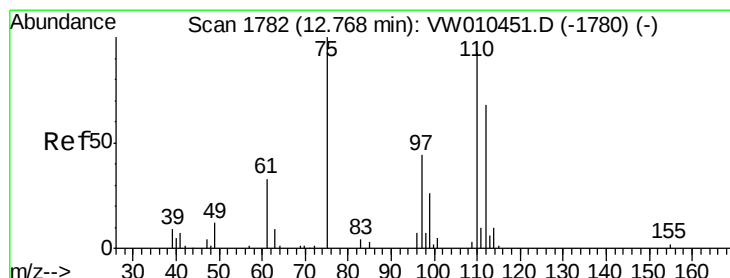
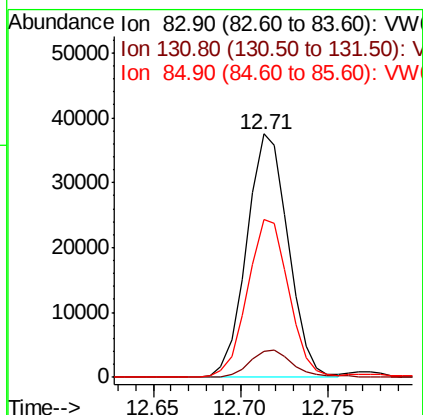
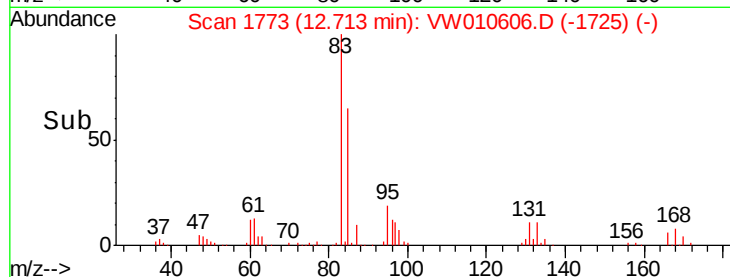
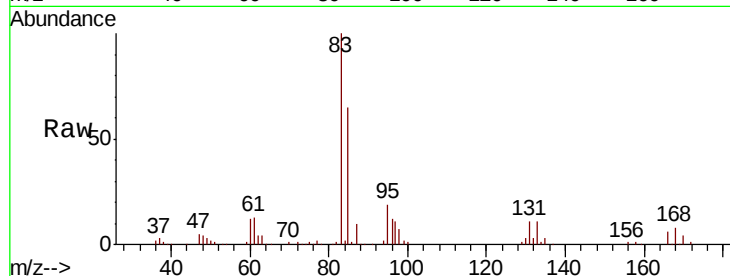
Tot Ion: 83 Resp: 61928

Ion Ratio Lower Upper

83 100

131 11.7 5.6 16.8

85 64.5 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 85.351 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010606.D

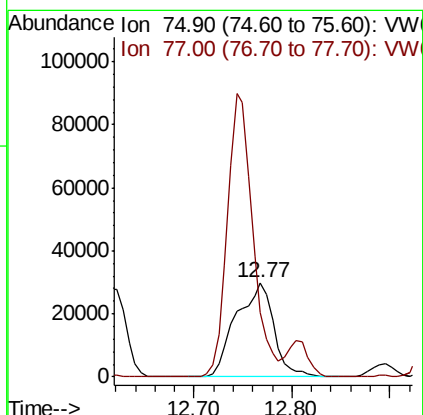
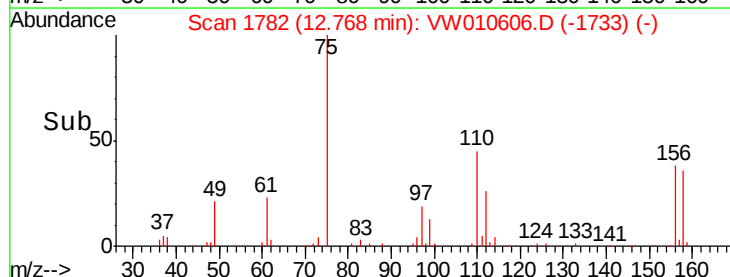
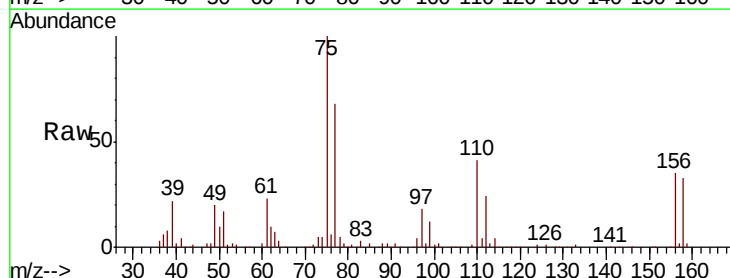
Acq: 30 May 2019 10:43

Tgt Ion: 75 Resp: 79633

Ion Ratio Lower Upper

75 100

77 0.0 170.0 510.1#

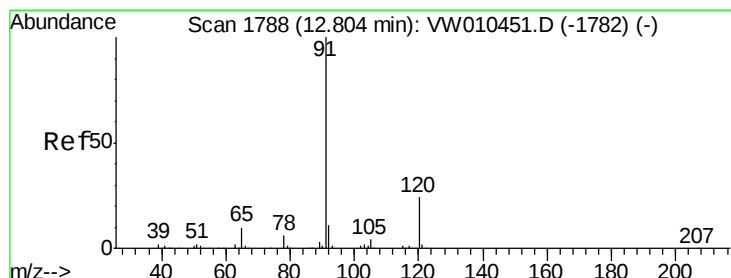
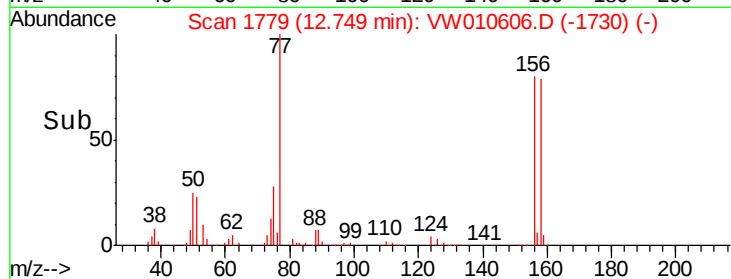
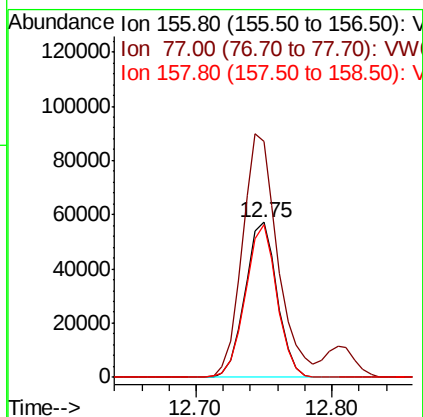
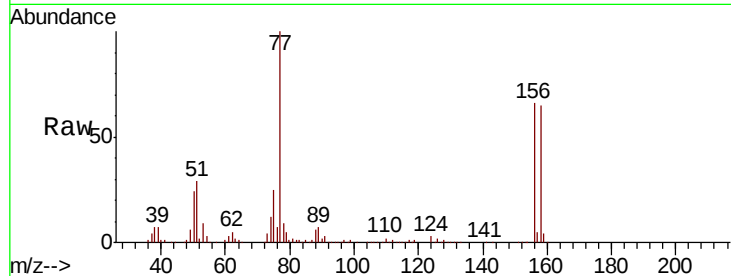




#77
Bromobenzene
Concen: 57.779 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

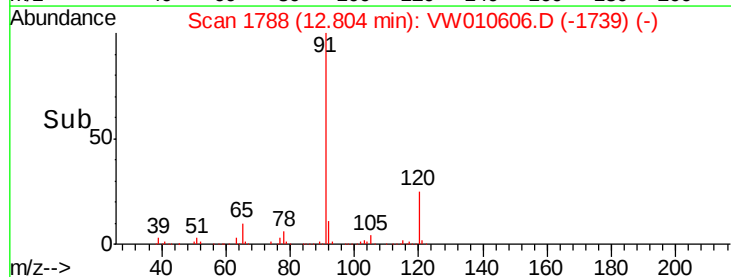
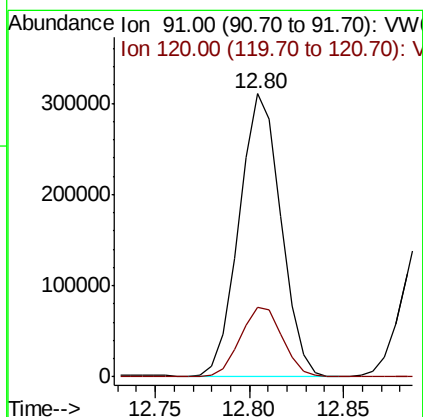
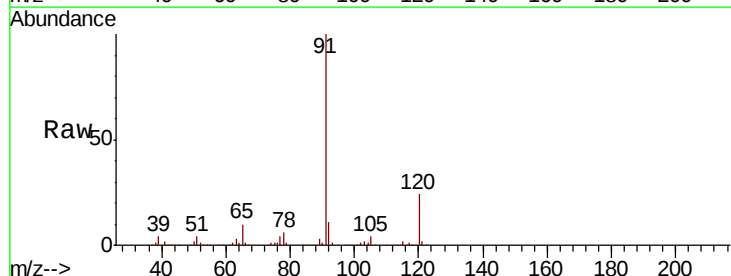
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 94308
Ion Ratio Lower Upper
156 100
77 172.3 92.4 277.2
158 96.5 48.3 144.8



#78
n-propylbenzene
Concen: 56.099 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 91 Resp: 476848
Ion Ratio Lower Upper
91 100
120 25.0 12.3 36.8

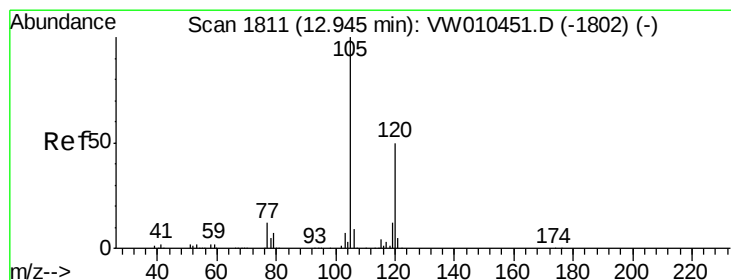
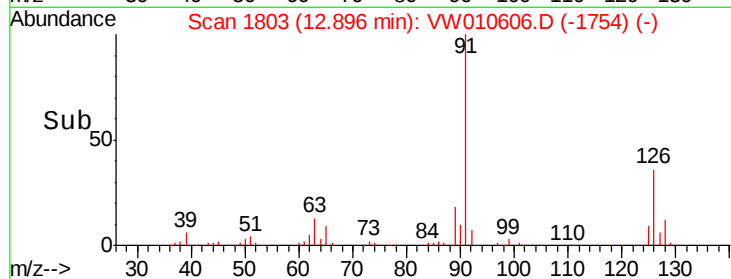
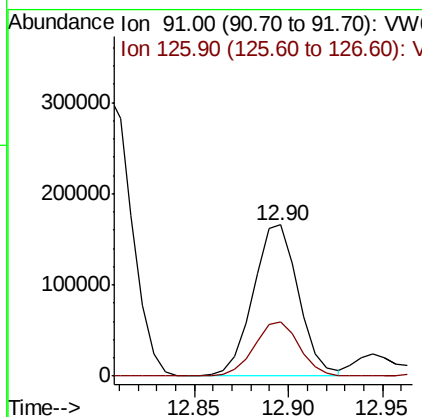
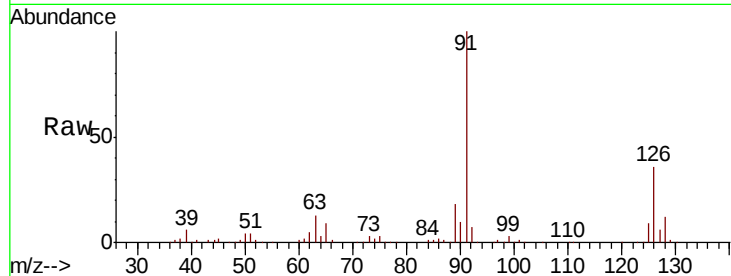




#79
 2-Chlorotoluene
 Concen: 55.815 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

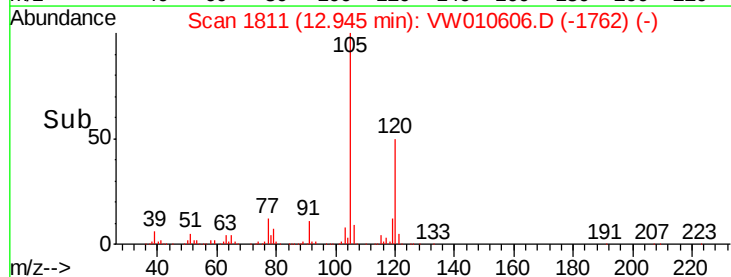
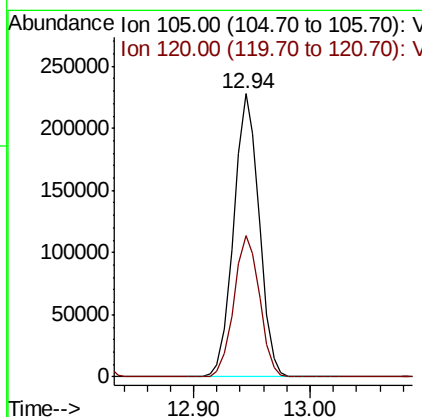
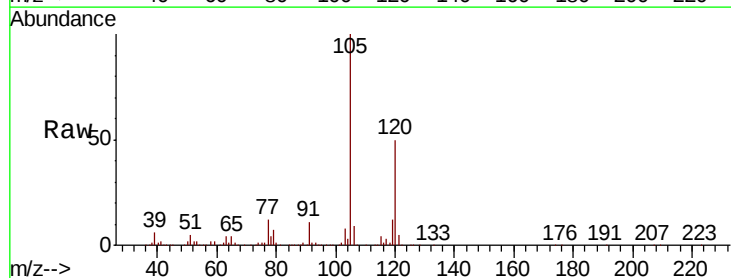
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

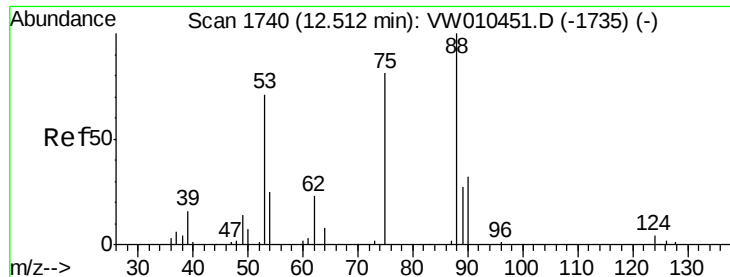
Tot Ion: 91 Resp: 275131
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.967 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion: 105 Resp: 345731
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 43.481 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

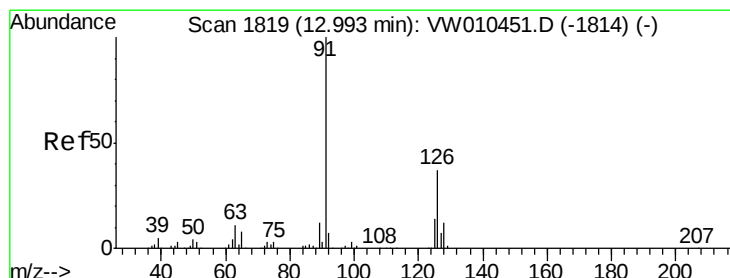
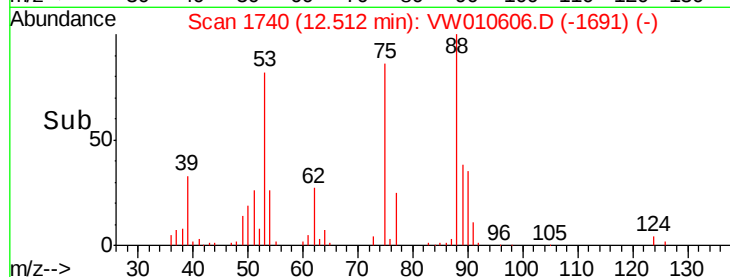
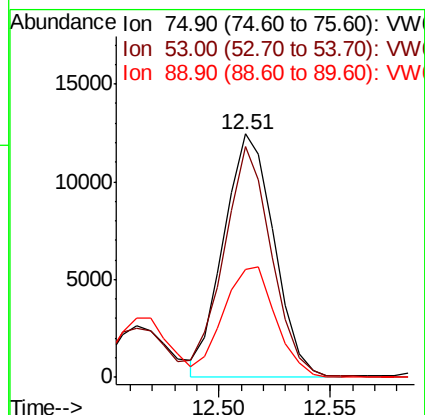
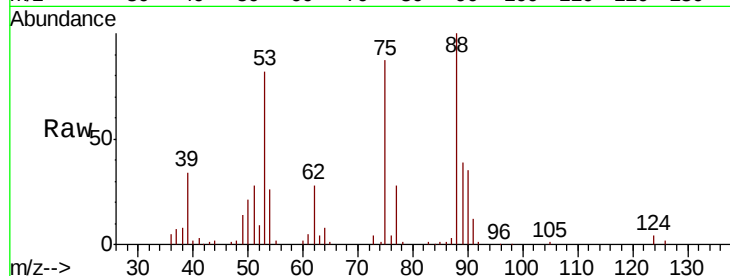
Tot Ion: 75 Resp: 19438

Ion Ratio Lower Upper

75 100

53 91.7 69.8 104.8

89 47.7 39.5 59.3



#82

4-Chlorotoluene

Concen: 55.213 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW010606.D

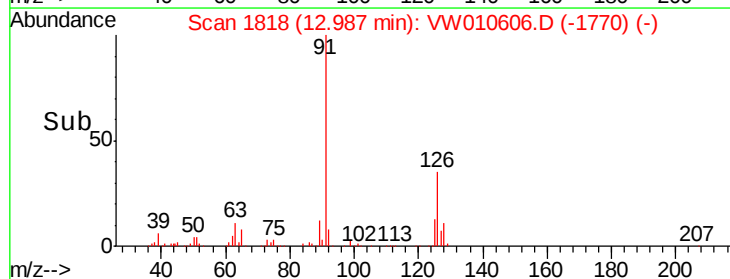
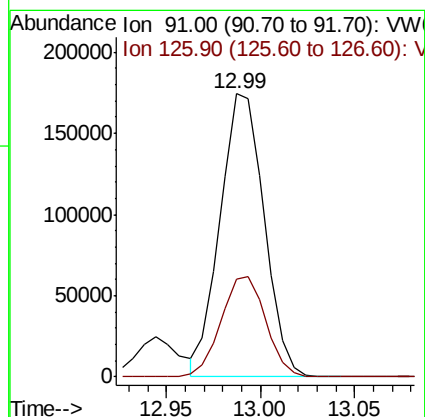
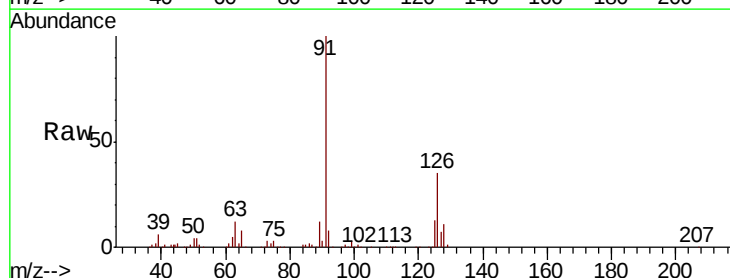
Acq: 30 May 2019 10:43

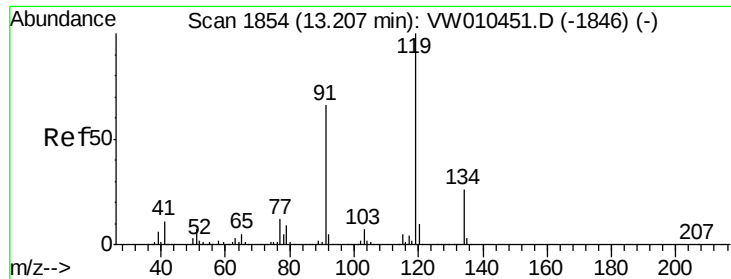
Tgt Ion: 91 Resp: 282495

Ion Ratio Lower Upper

91 100

126 36.1 17.5 52.6

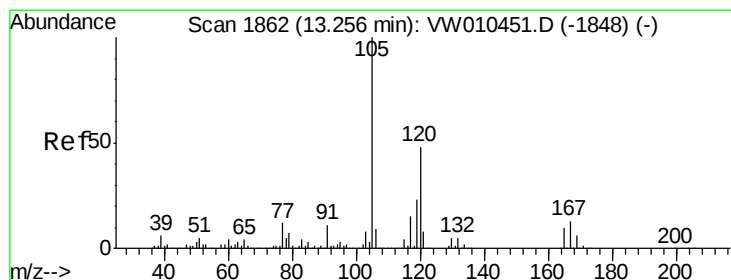
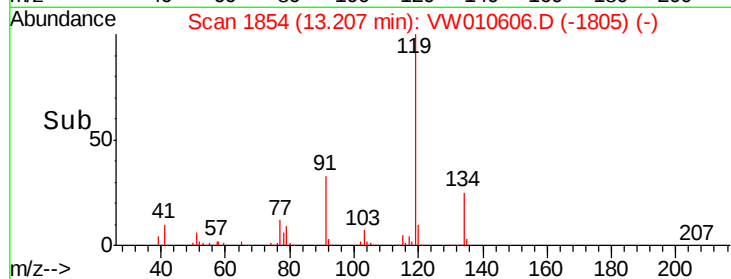
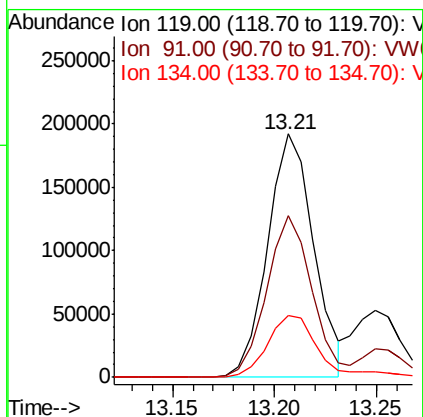
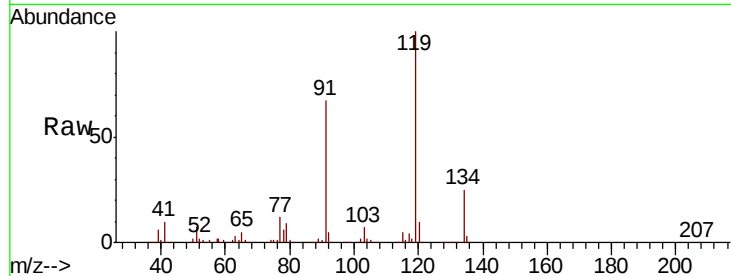




#83
tert-Butylbenzene
Concen: 56.244 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

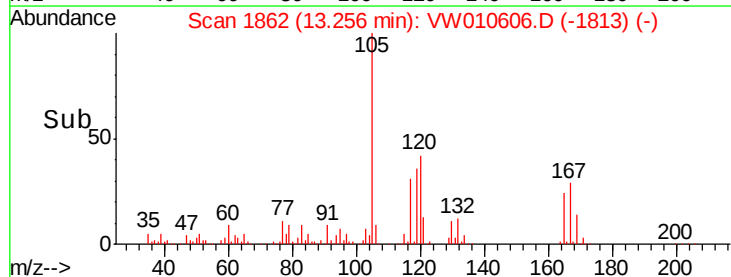
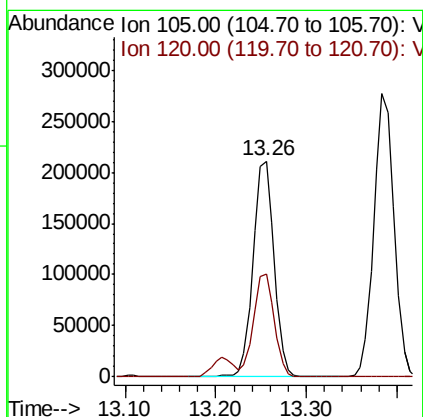
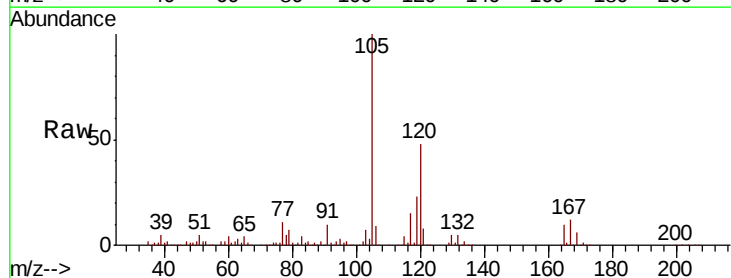
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

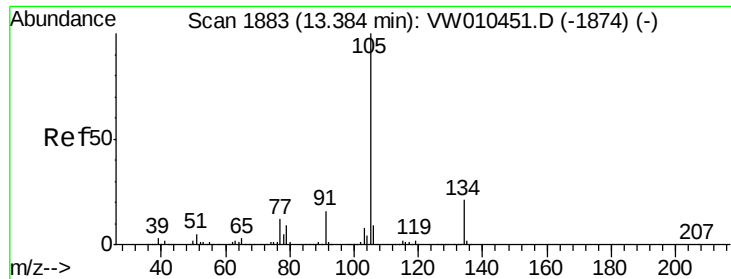
Tot Ion:119 Resp: 303496
Ion Ratio Lower Upper
119 100
91 65.7 33.1 99.5
134 28.2 13.9 41.6



#84
1,2,4-Trimethylbenzene
Concen: 54.957 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion:105 Resp: 338129
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.2





#85

sec-Butylbenzene

Concen: 56.459 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

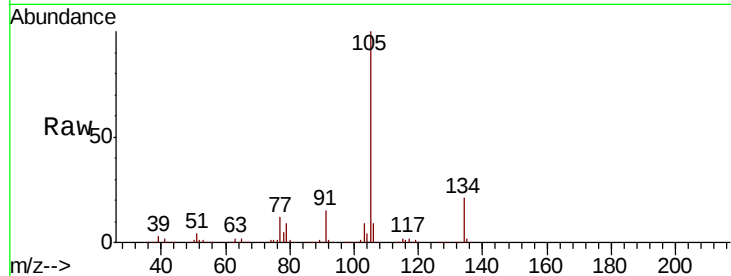
VSTDCCC050

Tot Ion:105 Resp: 426343

Ion Ratio Lower Upper

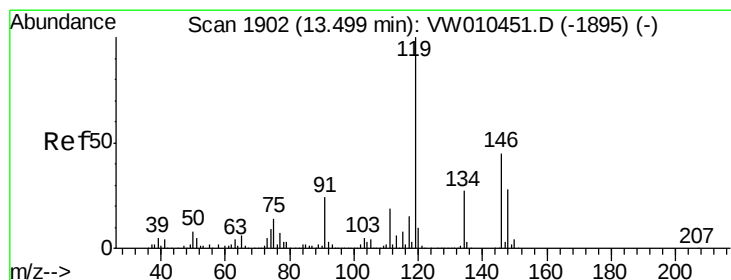
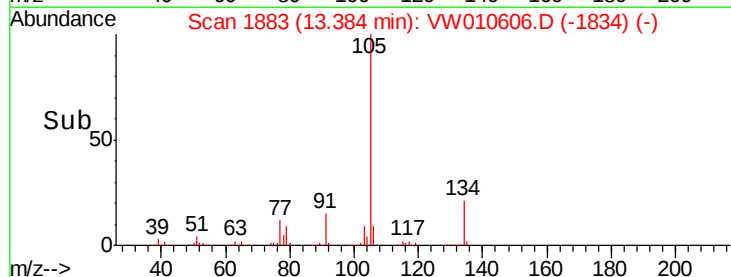
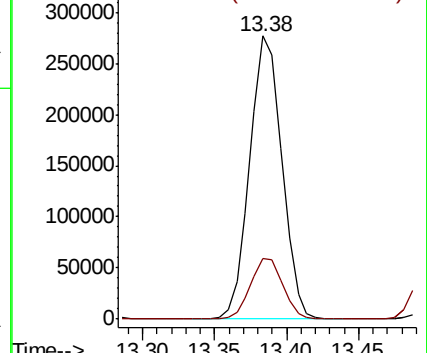
105 100

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: 56.365 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

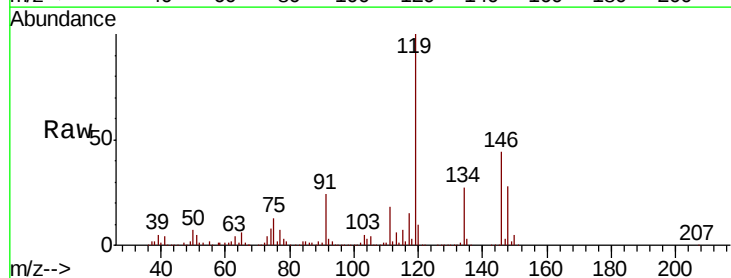
Tgt Ion:119 Resp: 385253

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

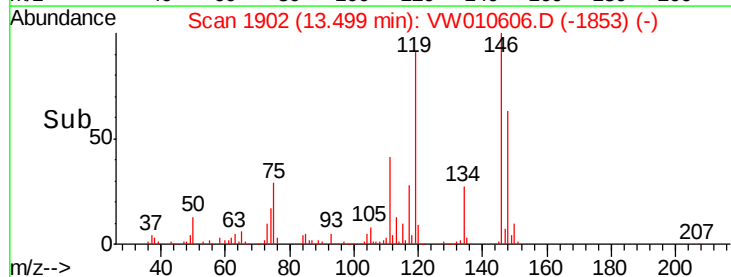
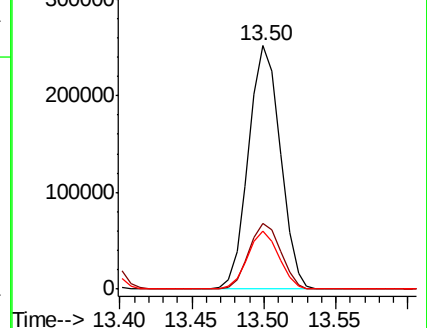
91 23.5 11.9 35.7

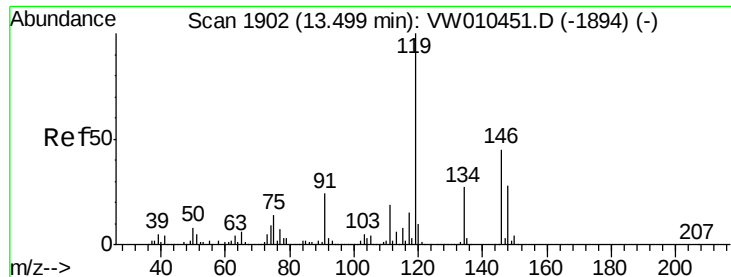


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

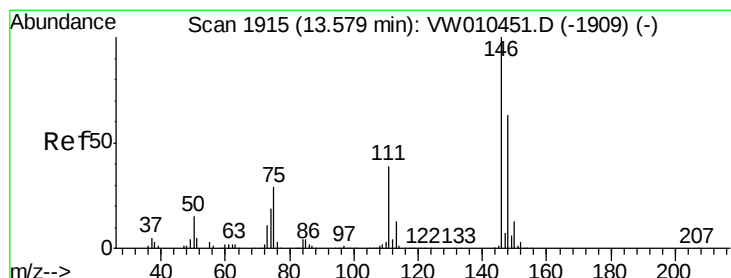
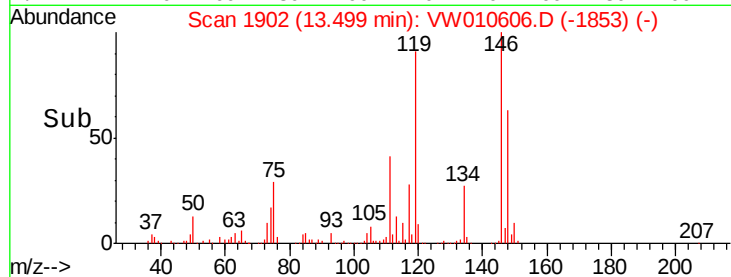
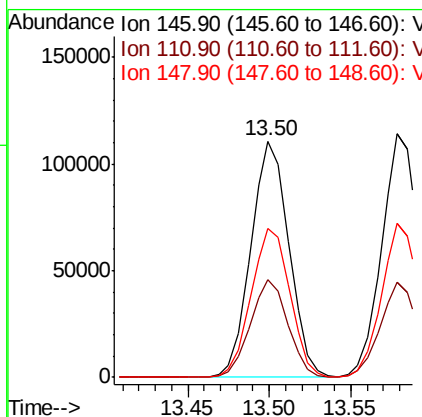
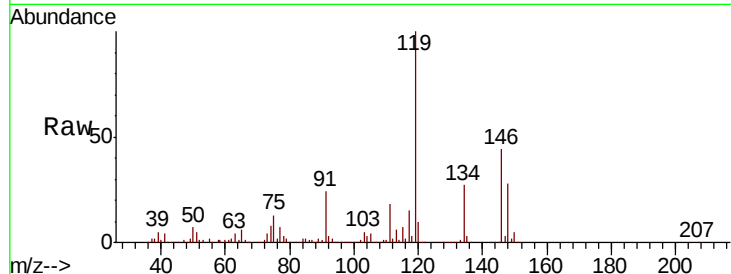




#87
 1,3-Dichlorobenzene
 Concen: 56.032 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

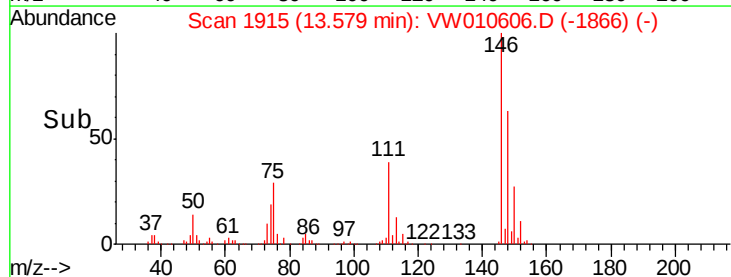
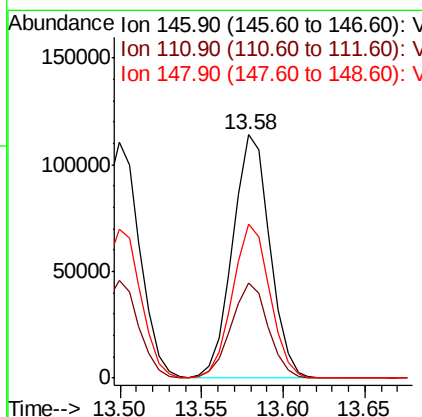
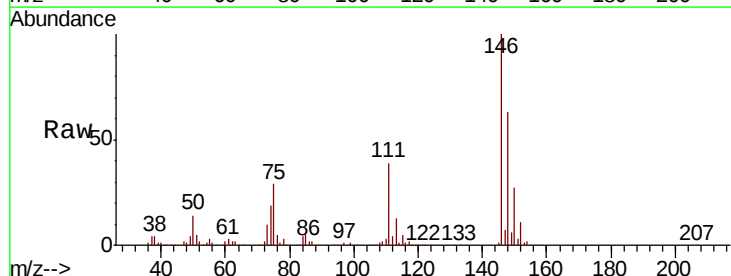
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

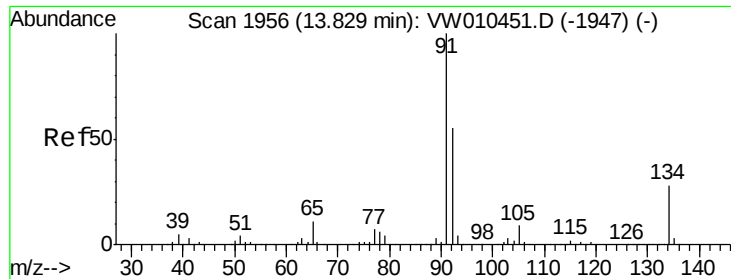
Tot Ion:146 Resp: 179431
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.9
 148 64.3 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 56.428 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion:146 Resp: 181302
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.6
 148 63.5 31.6 94.8

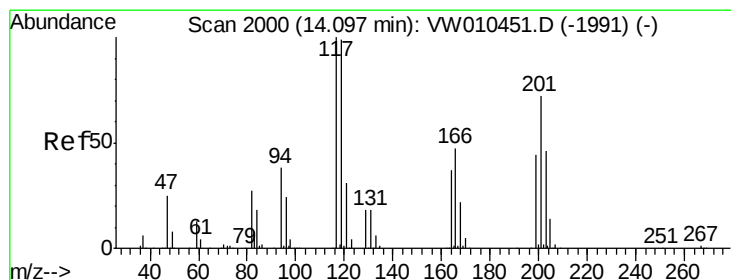
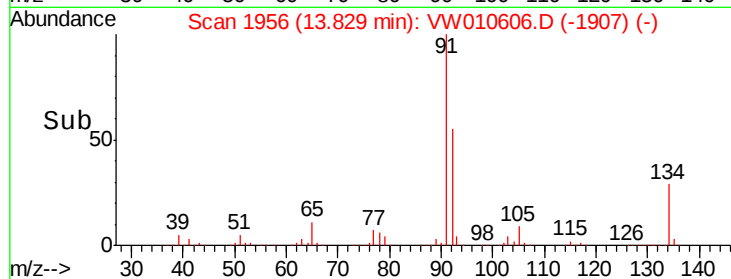
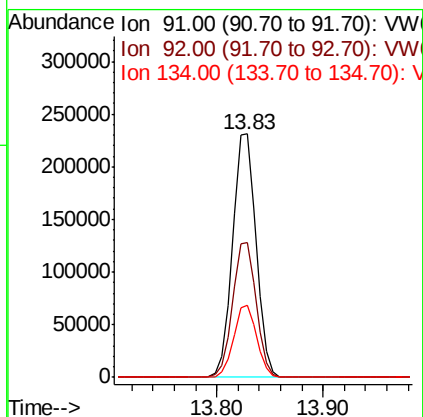
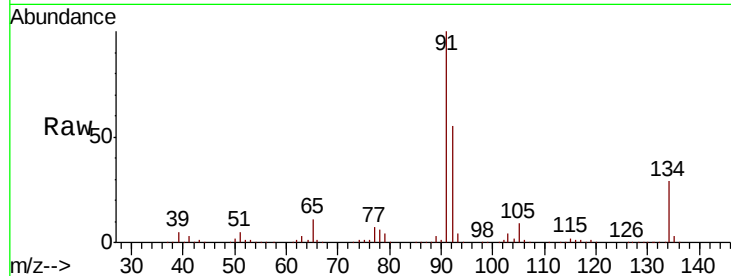




#89
n-Butylbenzene
Concen: 55.185 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

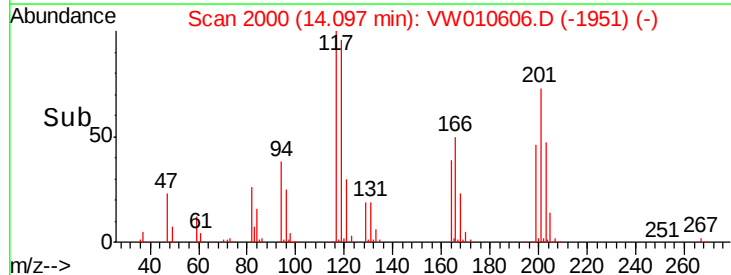
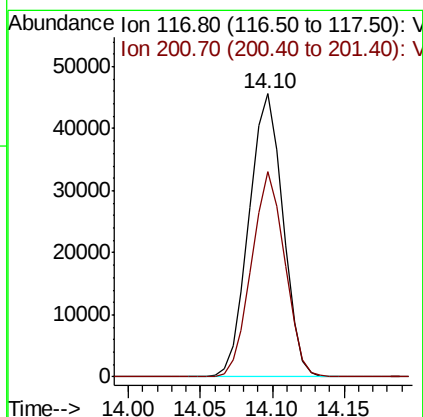
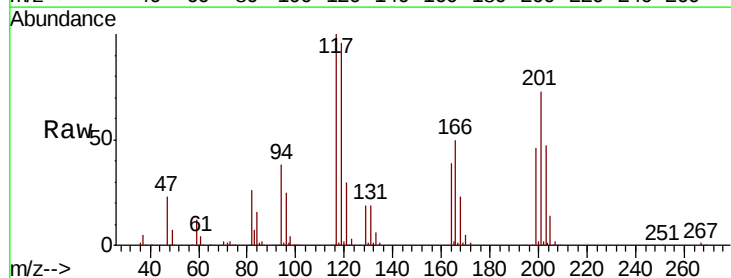
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

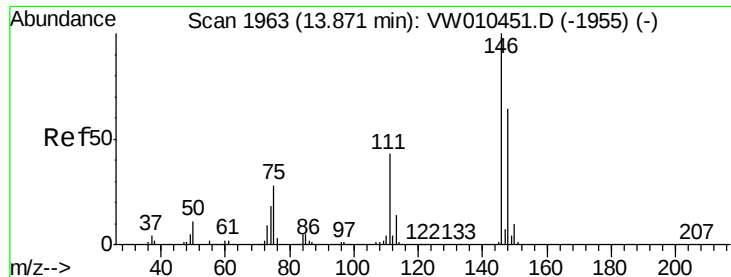
Tot Ion: 91 Resp: 358775
Ion Ratio Lower Upper
91 100
92 55.4 27.7 83.1
134 29.1 13.9 41.6



#90
Hexachloroethane
Concen: 56.325 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 117 Resp: 74517
Ion Ratio Lower Upper
117 100
201 71.2 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 56.009 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

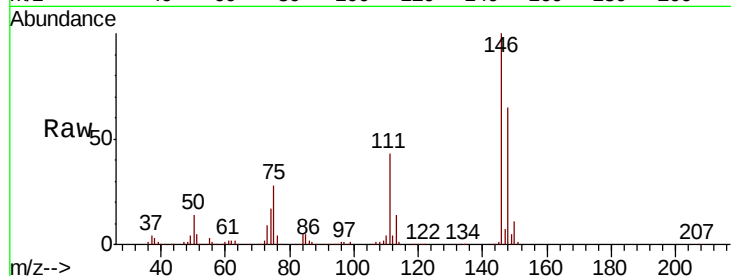
Tot Ion:146 Resp: 163425

Ion Ratio Lower Upper

146 100

111 41.7 21.3 64.0

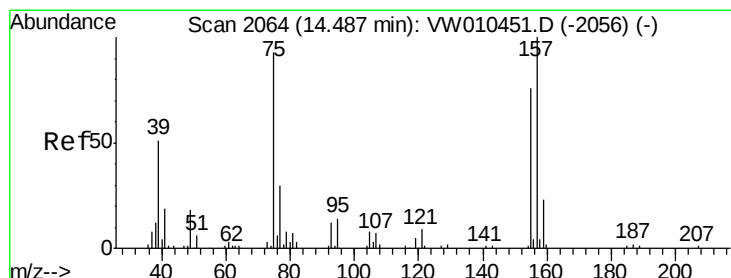
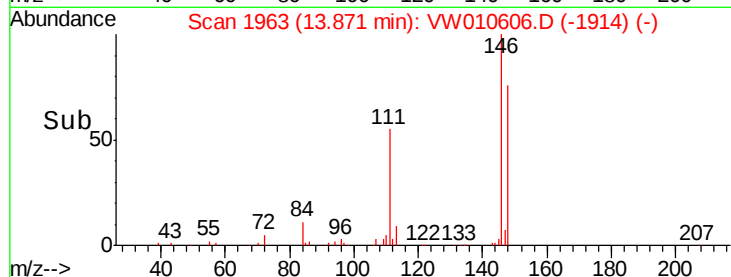
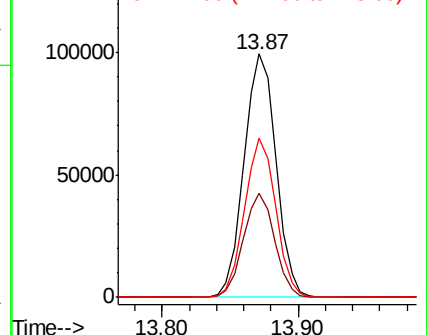
148 63.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.284 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

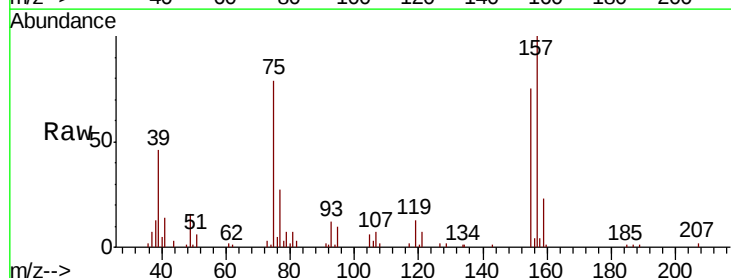
Tgt Ion: 75 Resp: 10184

Ion Ratio Lower Upper

75 100

155 89.3 43.0 129.0

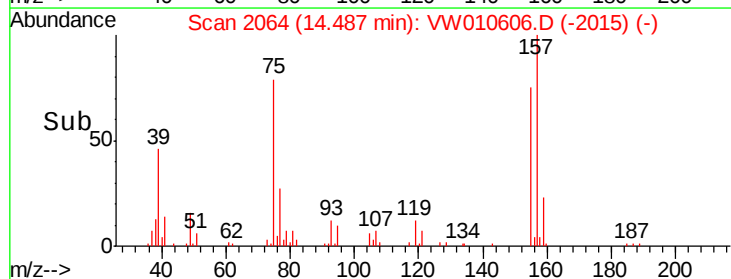
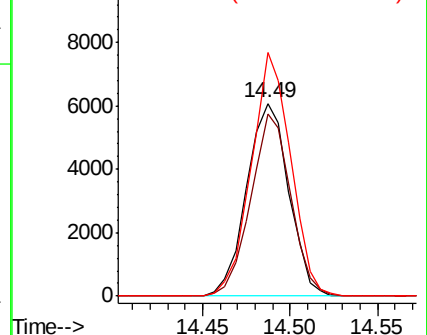
157 117.9 55.7 167.1

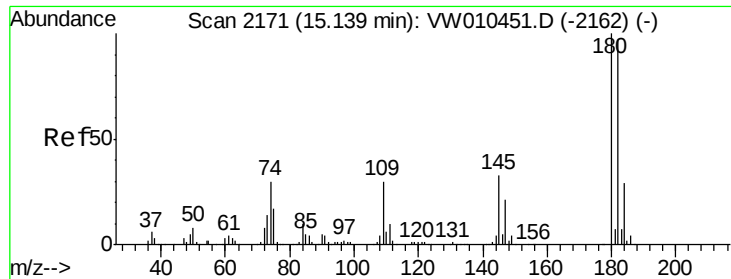


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

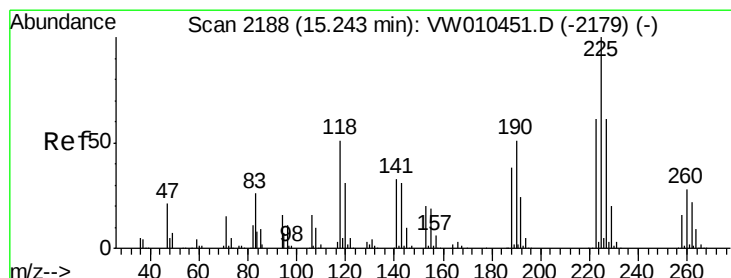
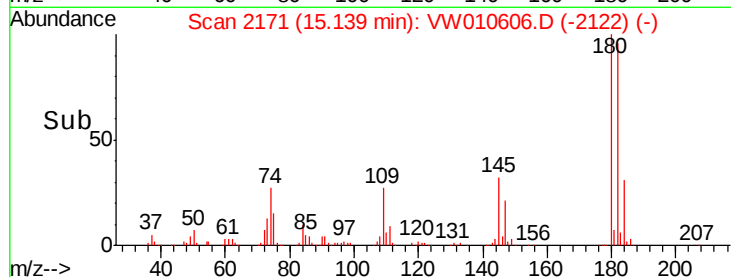
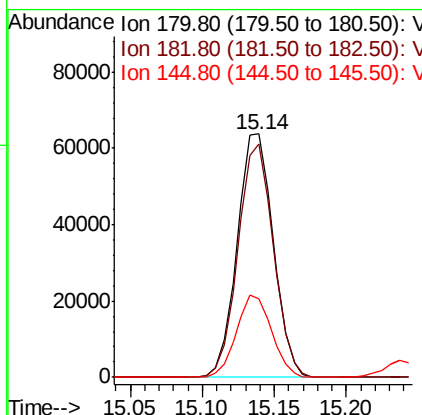
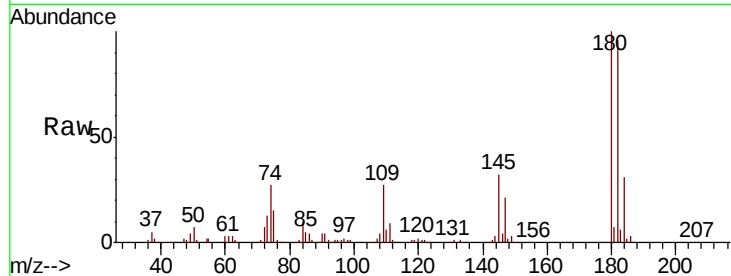




#93
 1,2,4-Trichlorobenzene
 Concen: 55.875 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

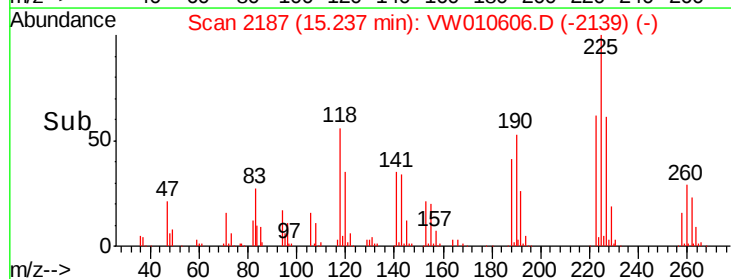
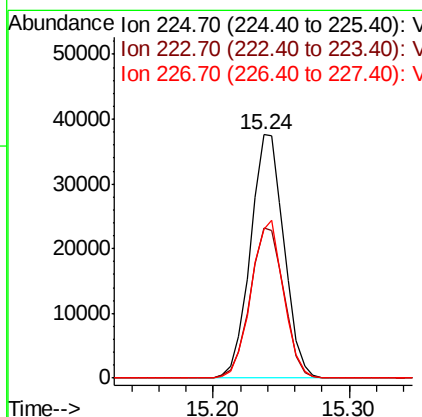
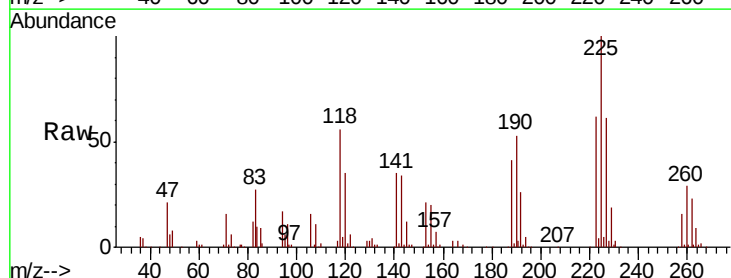
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

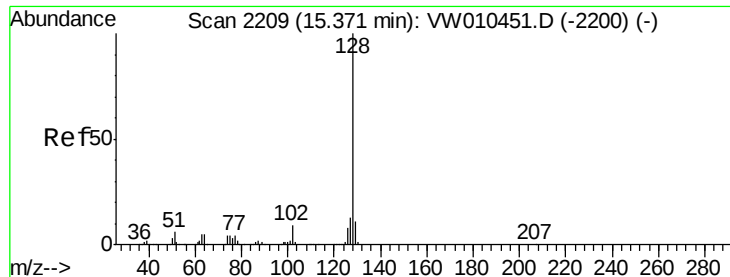
Tot Ion:180 Resp: 110926
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.0 141.2
 145 33.1 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 61.186 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion:225 Resp: 64892
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.2
 227 62.7 31.1 93.5

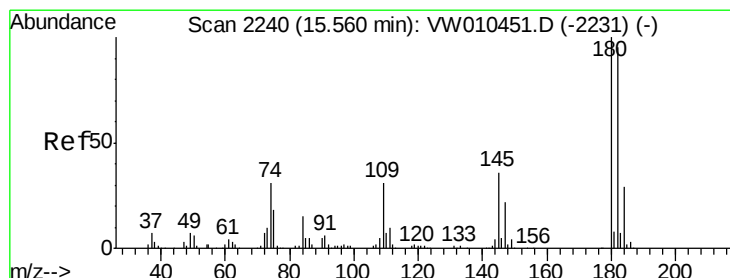
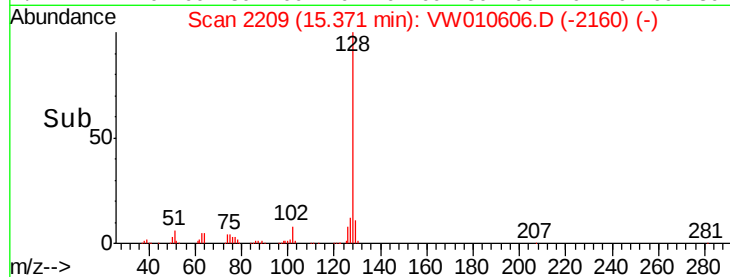
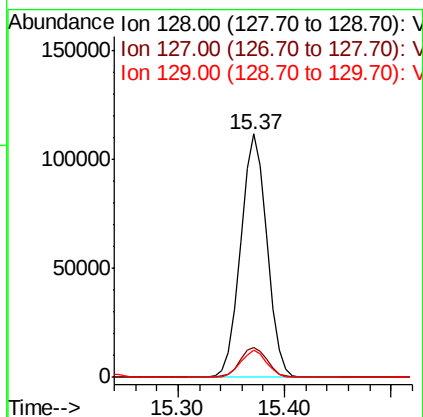
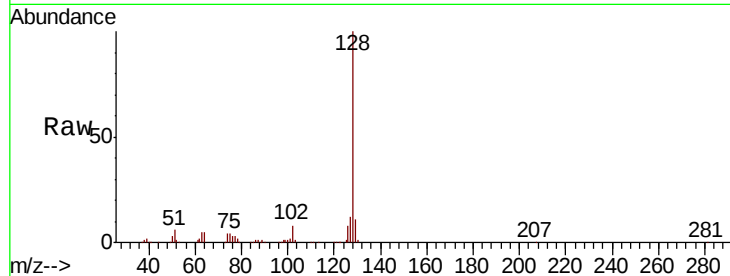




#95
Naphthalene
Concen: 46.558 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 194024
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.613 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion:180 Resp: 93292
Ion Ratio Lower Upper
180 100
182 93.5 47.1 141.3
145 34.8 17.4 52.3

