

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080619\
 Data File : VW011732.D
 Acq On : 06 Aug 2019 01:07
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 06 08:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147247	59.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.34%	
35) Dibromofluoromethane	7.88	113	117382	58.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.08%	
50) Toluene-d8	10.32	98	476067	57.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.98%	
62) 4-Bromofluorobenzene	12.62	95	170279	58.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	58023	48.444	ug/l	94
3) Chloromethane	2.21	50	93121	44.837	ug/l	99
4) Vinyl Chloride	2.36	62	117912	47.157	ug/l	97
5) Bromomethane	2.76	94	57755	41.730	ug/l	93
6) Chloroethane	2.90	64	66418	46.502	ug/l	99
7) Trichlorofluoromethane	3.24	101	56474	50.537	ug/l	99
8) Diethyl Ether	3.68	74	66497	52.483	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106183	50.090	ug/l	98
10) Methyl Iodide	4.26	142	152772	50.997	ug/l	98
11) Tert butyl alcohol	5.19	59	43883	240.258	ug/l	100
12) 1,1-Dichloroethene	4.03	96	110871	49.535	ug/l	99
13) Acrolein	3.89	56	41763	235.854	ug/l	97
14) Allyl chloride	4.66	41	238496	50.099	ug/l	99
15) Acrylonitrile	5.37	53	167925	265.503	ug/l	99
16) Acetone	4.12	43	137476	175.129	ug/l	100
17) Carbon Disulfide	4.38	76	328912	46.952	ug/l	100
18) Methyl Acetate	4.67	43	101136	57.350	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	187605	52.820	ug/l	97
20) Methylene Chloride	4.91	84	127297	47.020	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	124091	51.425	ug/l	98
22) Diisopropyl ether	6.31	45	476245	53.062	ug/l	99
23) Vinyl Acetate	6.25	43	1439898	255.318	ug/l	99
24) 1,1-Dichloroethane	6.21	63	253736	52.786	ug/l	99
25) 2-Butanone	7.17	43	236278	230.023	ug/l	98
26) 2,2-Dichloropropane	7.17	77	123851	41.896	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	137709	51.853	ug/l	100
28) Bromochloromethane	7.51	49	121123	56.770	ug/l	100
29) Tetrahydrofuran	7.52	42	155280	264.463	ug/l	100
30) Chloroform	7.67	83	231431	52.187	ug/l	99
31) Cyclohexane	7.95	56	218241	47.298	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	176625	52.298	ug/l	100
36) 1,1-Dichloropropene	8.08	75	186472	50.175	ug/l	100
37) Ethyl Acetate	7.25	43	107914	50.471	ug/l	98
38) Carbon Tetrachloride	8.07	117	160437	50.428	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203367	49.696	ug/l	98
40) Benzene	8.32	78	529853	50.899	ug/l	99
41) Methacrylonitrile	7.48	41	66344	51.907	ug/l	99
42) 1,2-Dichloroethane	8.40	62	168516	51.705	ug/l	99
43) Isopropyl Acetate	8.42	43	205429	52.242	ug/l	99
44) Trichloroethene	9.09	130	126247	50.458	ug/l	99
45) 1,2-Dichloropropane	9.37	63	144861	52.008	ug/l	99
46) Dibromomethane	9.46	93	64783	50.959	ug/l	99
47) Bromodichloromethane	9.65	83	171582	51.453	ug/l	98
48) Methyl methacrylate	9.43	41	101114	53.531	ug/l	100
49) 1,4-Dioxane	9.46	88	18201	988.789	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	539410	263.725	ug/l	100
52) Toluene	10.38	92	322463	51.294	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	176542	50.679	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	208677	50.382	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92710	51.398	ug/l	97
56) Ethyl methacrylate	10.65	69	140172	53.106	ug/l	99
57) 1,3-Dichloropropane	10.93	76	177035	51.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	386961	322.890	ug/l	100
59) 2-Hexanone	10.97	43	362151	250.771	ug/l	100
60) Dibromochloromethane	11.13	129	104905	52.395	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88037	51.575	ug/l	99
64) Tetrachloroethene	10.86	164	108323	52.761	ug/l	97
65) Chlorobenzene	11.66	112	325175	51.294	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	115524	52.317	ug/l	100
67) Ethyl Benzene	11.73	91	628182	52.029	ug/l	99
68) m/p-Xylenes	11.84	106	453819	103.356	ug/l	100
69) o-Xylene	12.16	106	210950	51.701	ug/l	98
70) Styrene	12.18	104	371872	52.712	ug/l	100
71) Bromoform	12.35	173	58992	52.397	ug/l #	97
73) Isopropylbenzene	12.46	105	588563	51.628	ug/l	100
74) N-amyl acetate	12.27	43	187111	52.425	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	112733	52.572	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	148285	91.708	ug/l #	100
77) Bromobenzene	12.75	156	130459	51.774	ug/l	99
78) n-propylbenzene	12.80	91	718604	51.795	ug/l	100
79) 2-Chlorotoluene	12.89	91	413017	51.673	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	502323	52.565	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35600	50.742	ug/l	99
82) 4-Chlorotoluene	12.99	91	430615	51.348	ug/l	100
83) tert-Butylbenzene	13.21	119	416337	52.099	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	500367	51.978	ug/l	99
85) sec-Butylbenzene	13.38	105	590555	51.792	ug/l	100
86) p-Isopropyltoluene	13.50	119	534257	51.640	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	252084	51.022	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	245835	50.019	ug/l	99
89) n-Butylbenzene	13.82	91	523243	50.680	ug/l	99
90) Hexachloroethane	14.09	117	95514	52.210	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	224180	51.302	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19113	52.269	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158238	51.380	ug/l	99
94) Hexachlorobutadiene	15.24	225	96061	50.017	ug/l	97
95) Naphthalene	15.36	128	307966	51.006	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	139099	51.526	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. -0.00 min

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Instrument :

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ClientSampleId :

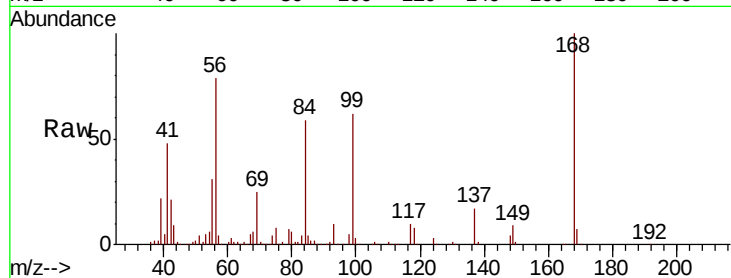
VSTDCCC050EC

Tgt Ion:168 Resp: 214912

Ion Ratio Lower Upper

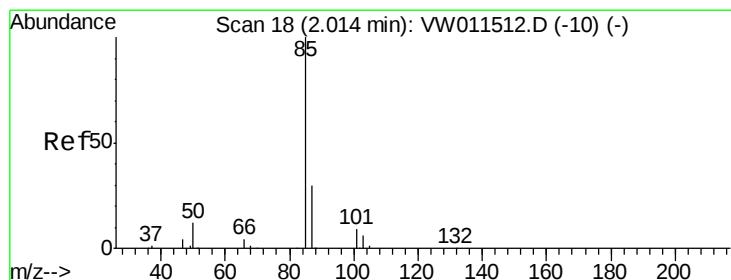
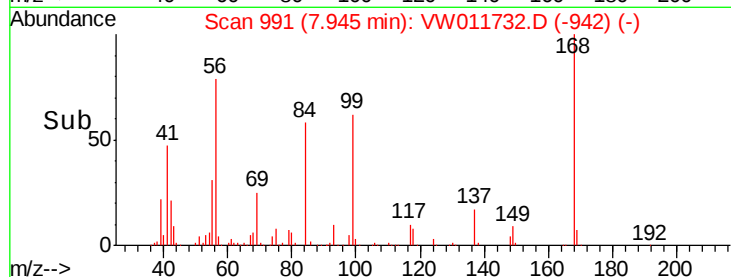
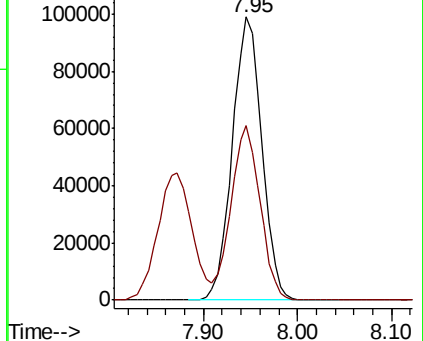
168 100

99 61.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.444 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011732.D

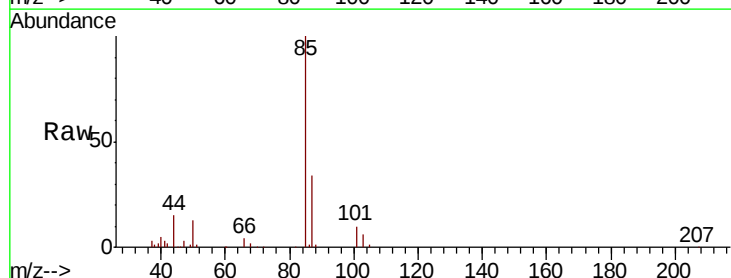
Acq: 06 Aug 2019 01:07

Tgt Ion: 85 Resp: 58023

Ion Ratio Lower Upper

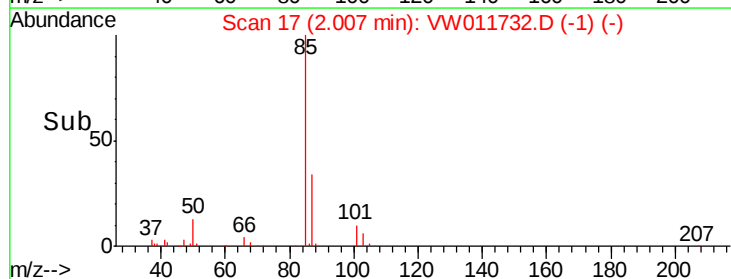
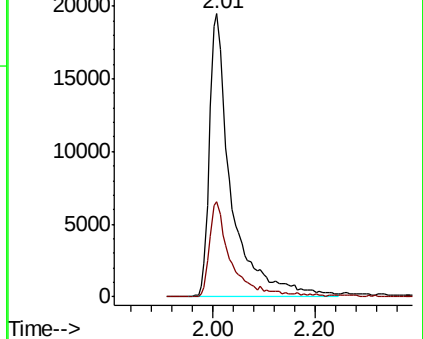
85 100

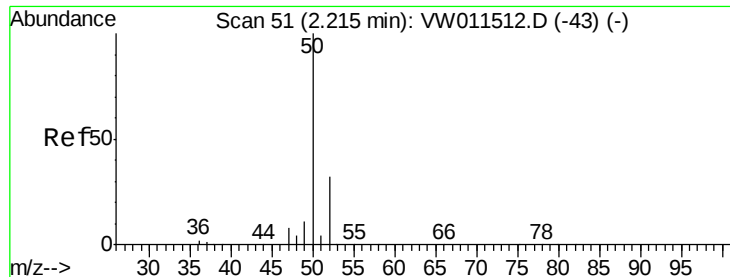
87 33.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.837 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

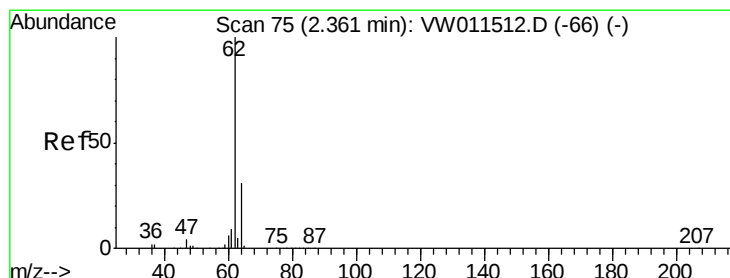
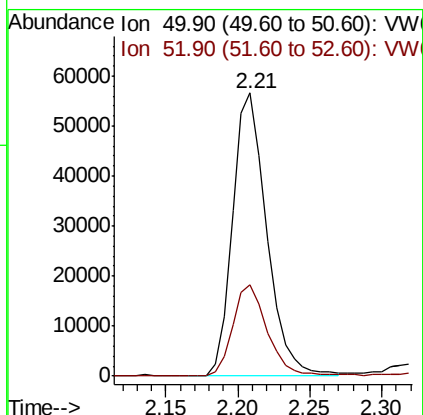
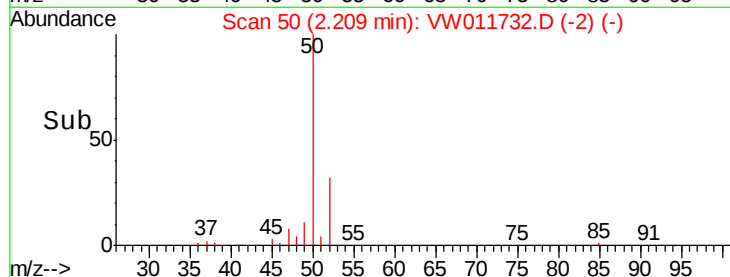
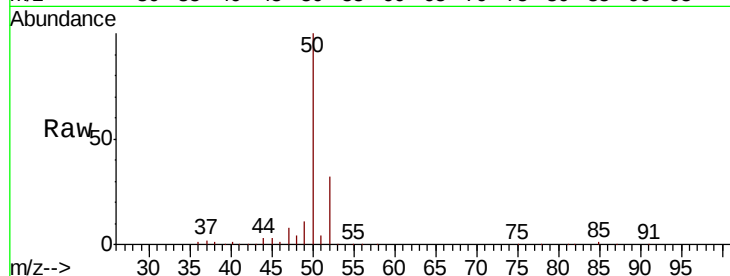
VSTDCCC050EC

Tgt Ion: 50 Resp: 93121

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 47.157 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011732.D

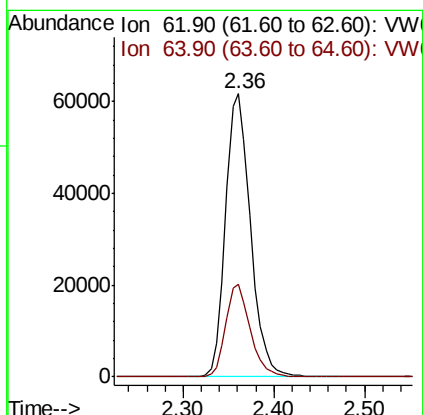
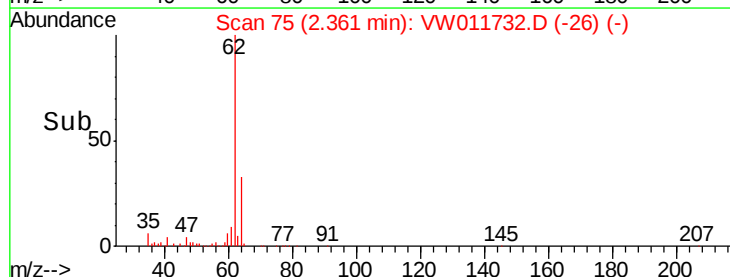
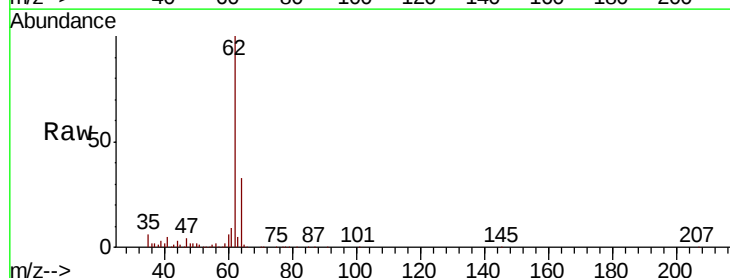
Acq: 06 Aug 2019 01:07

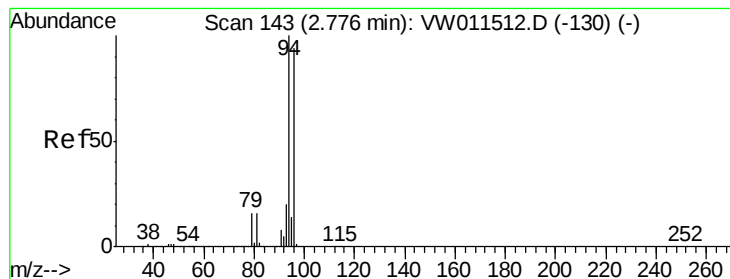
Tgt Ion: 62 Resp: 117912

Ion Ratio Lower Upper

62 100

64 32.6 25.0 37.4





#5

Bromomethane

Concen: 41.730 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

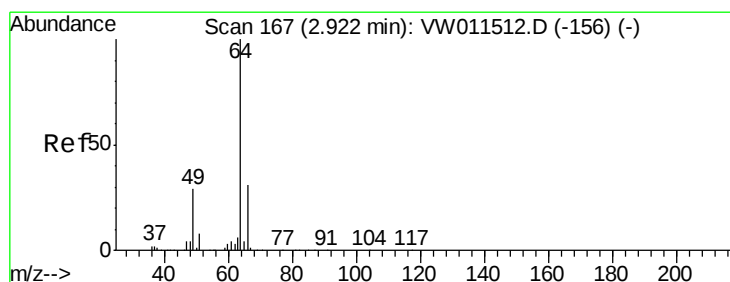
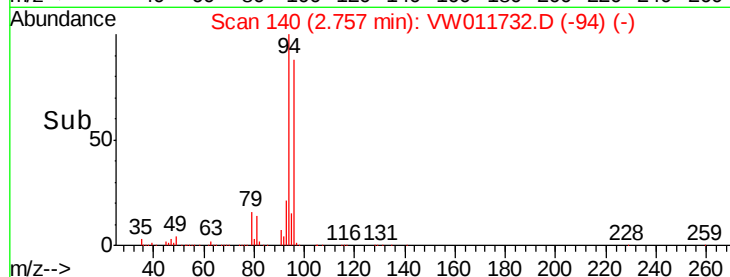
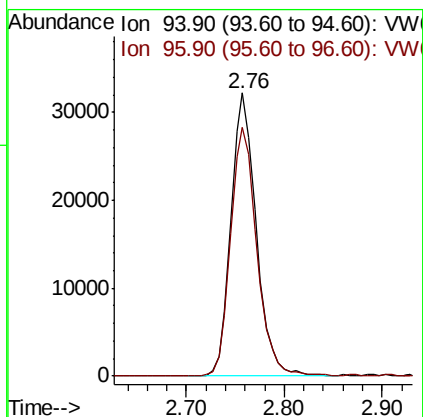
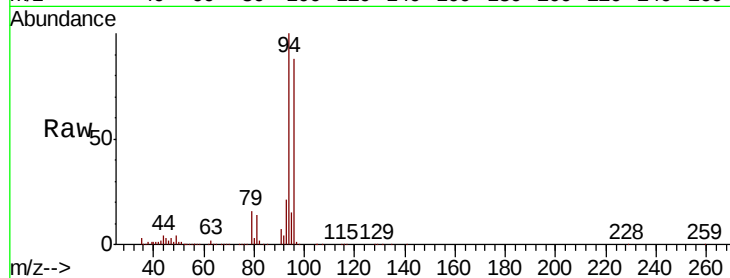
VSTDCCC050EC

Tgt Ion: 94 Resp: 57755

Ion Ratio Lower Upper

94 100

96 87.4 75.0 112.6



#6

Chloroethane

Concen: 46.502 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW011732.D

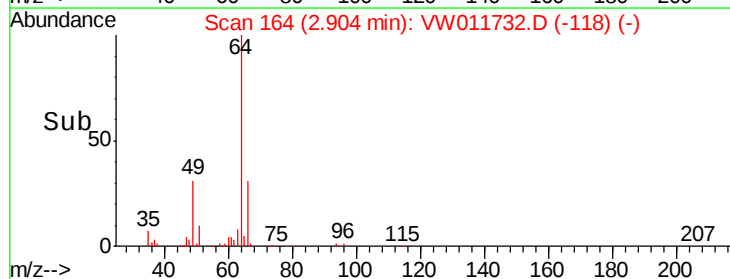
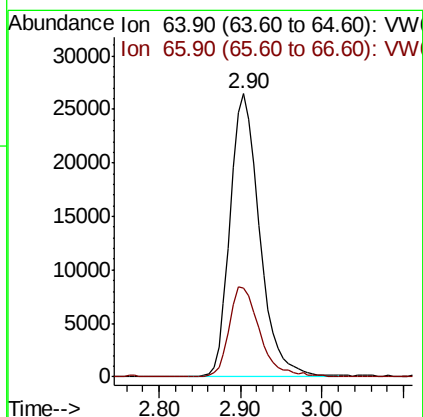
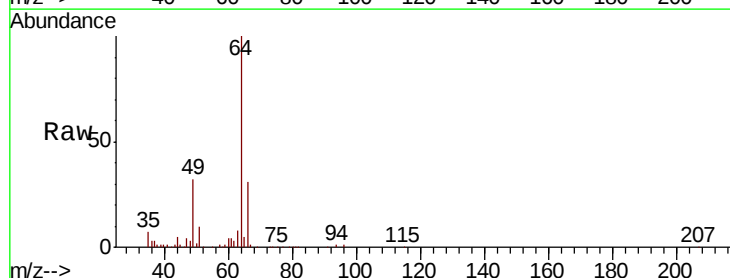
Acq: 06 Aug 2019 01:07

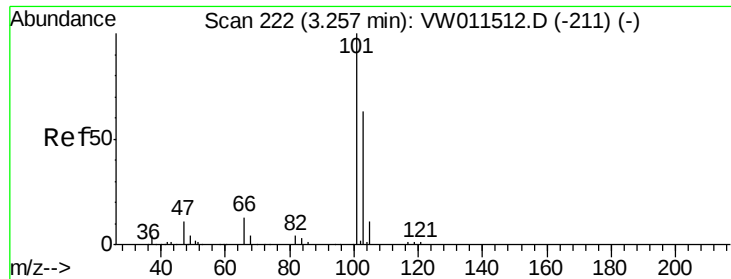
Tgt Ion: 64 Resp: 66418

Ion Ratio Lower Upper

64 100

66 31.0 24.6 36.8



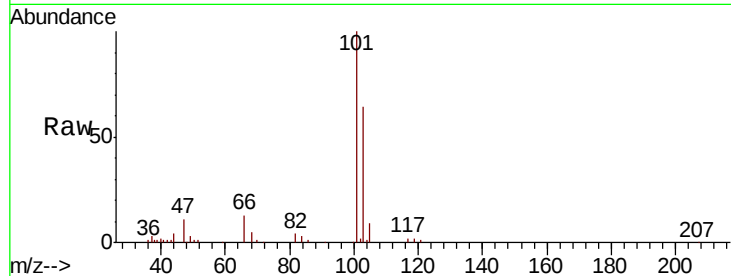


#7

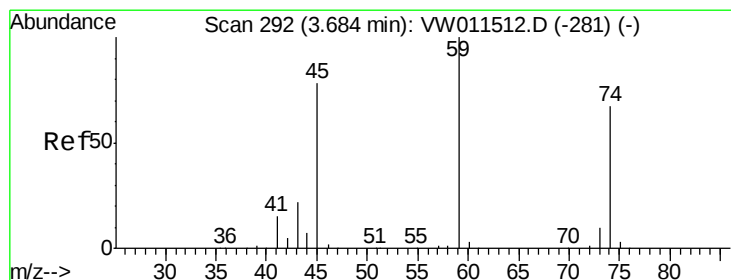
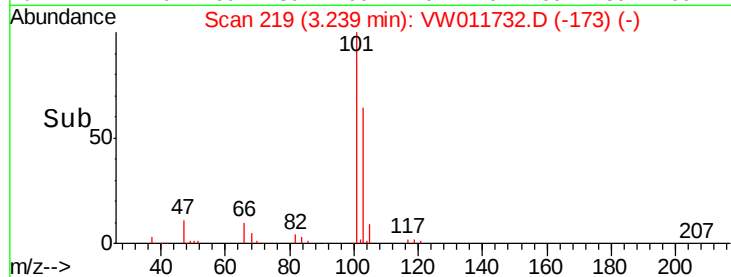
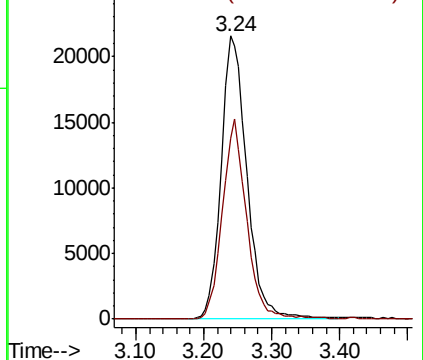
Trichlorofluoromethane
 Concen: 50.537 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.02 min
 Lab File: VW011732.D
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Tgt Ion:101 Resp: 56474
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.2 75.4



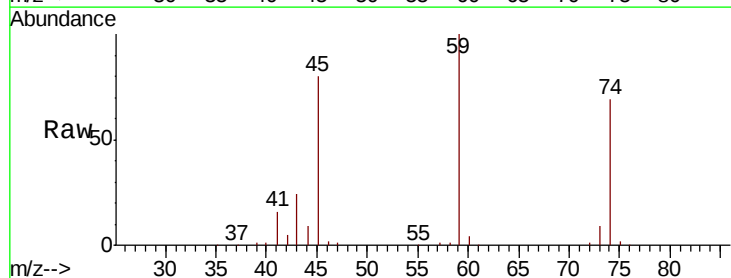
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



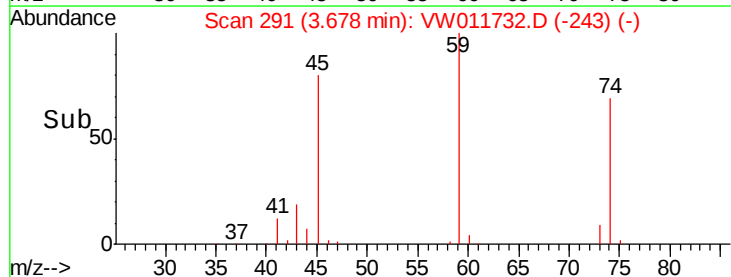
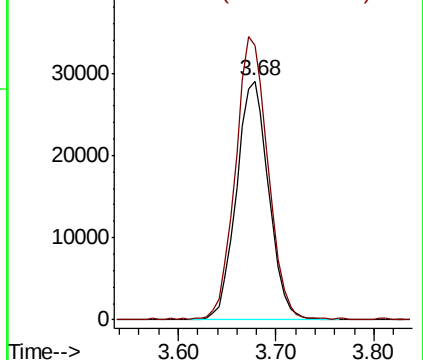
#8

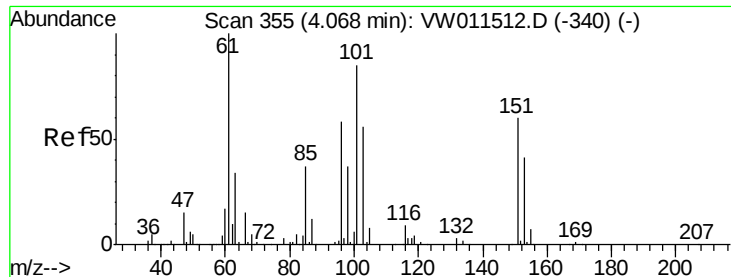
Diethyl Ether
 Concen: 52.483 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 74 Resp: 66497
 Ion Ratio Lower Upper
 74 100
 45 118.2 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.090 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

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VSTDCCC050EC

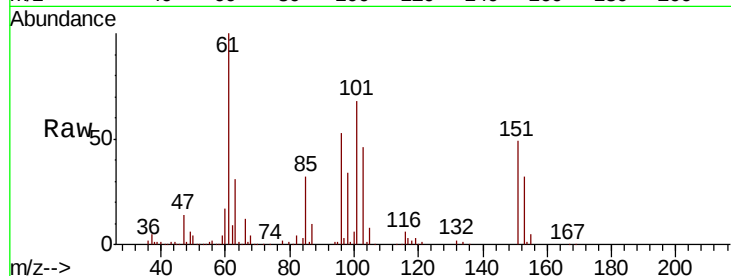
Tgt Ion:101 Resp: 106183

Ion Ratio Lower Upper

101 100

85 45.5 36.6 54.8

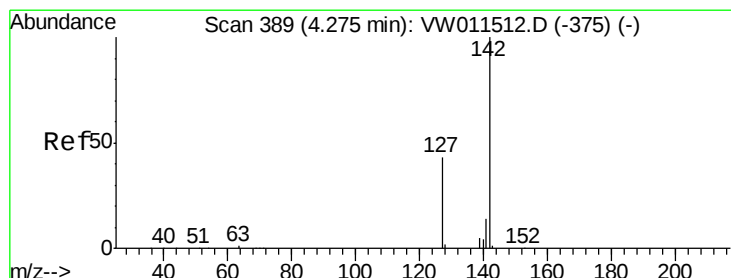
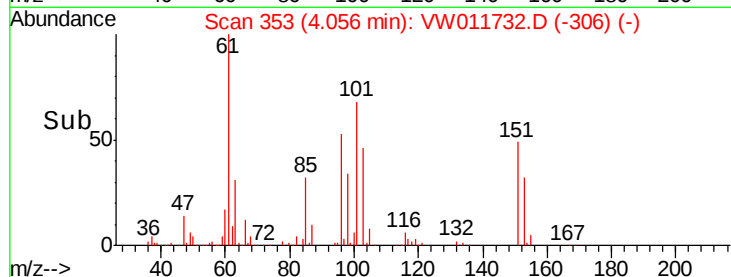
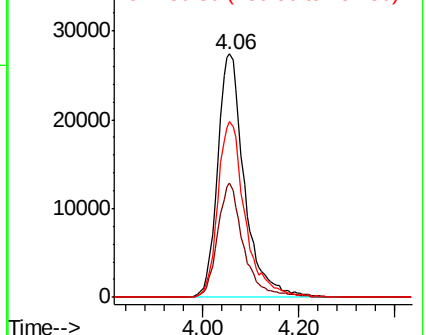
151 72.9 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.997 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

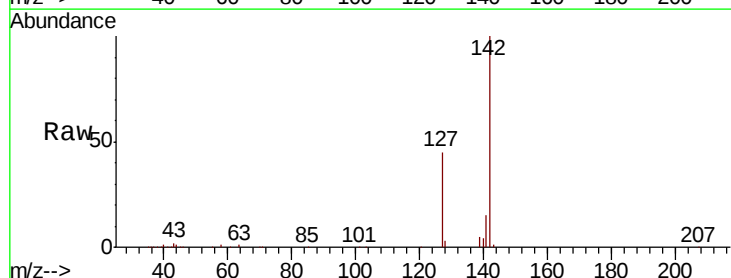
Tgt Ion:142 Resp: 152772

Ion Ratio Lower Upper

142 100

127 45.0 35.0 52.6

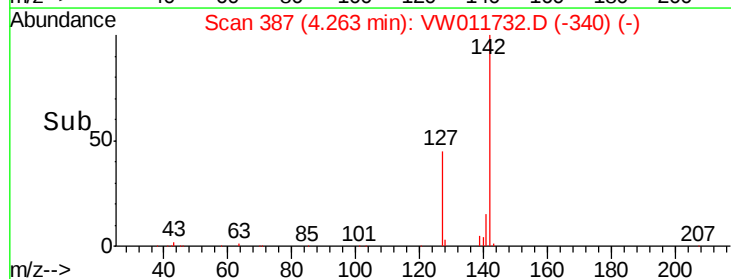
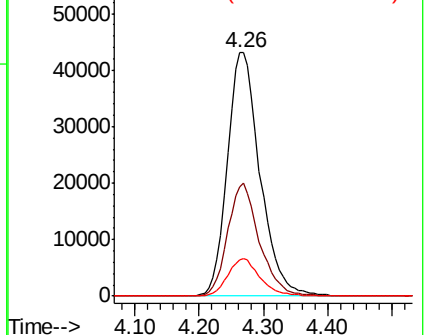
141 15.1 11.9 17.9

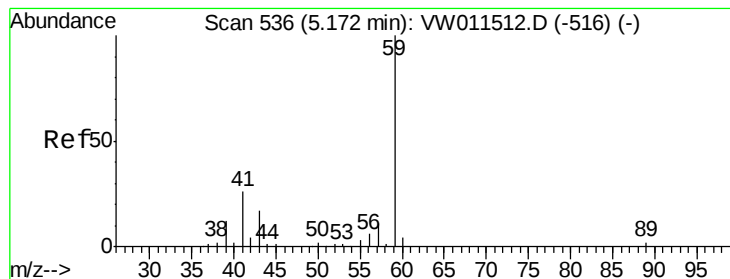


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



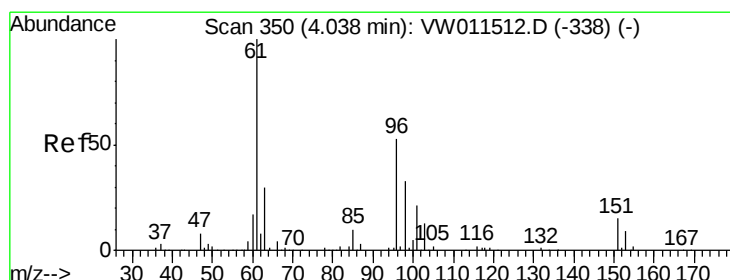
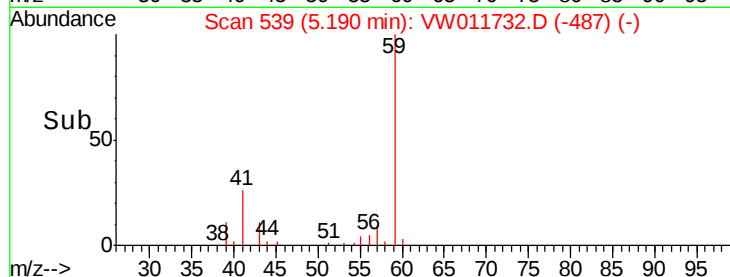
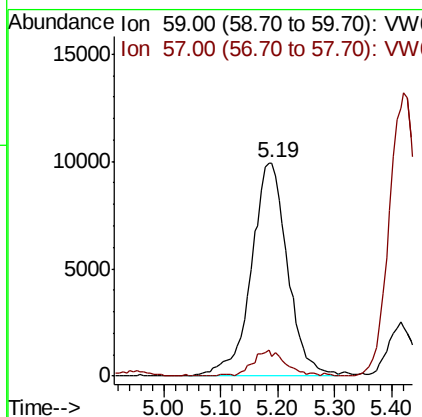
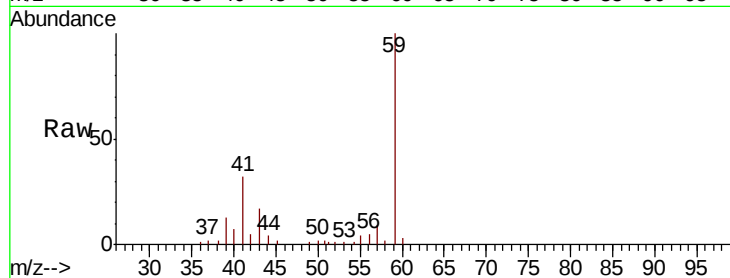


#11

Tert butyl alcohol
 Concen: 240.258 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

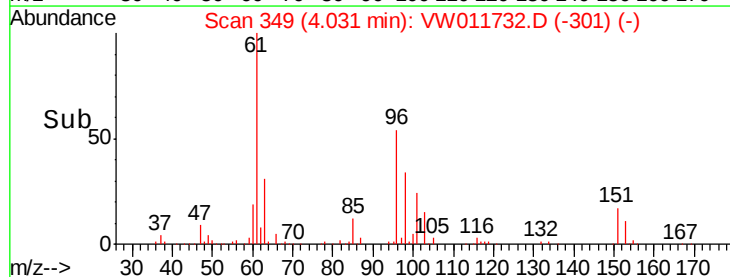
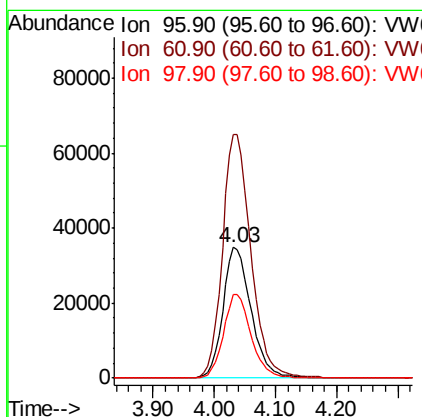
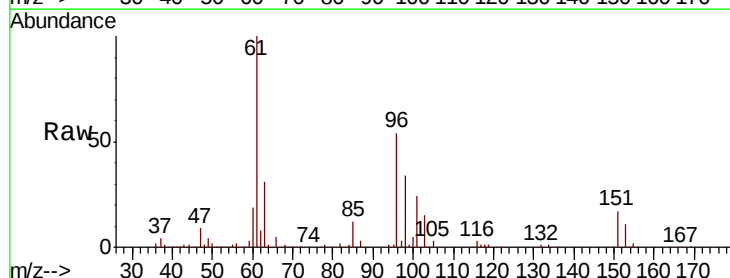
Tgt Ion: 59 Resp: 43883
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

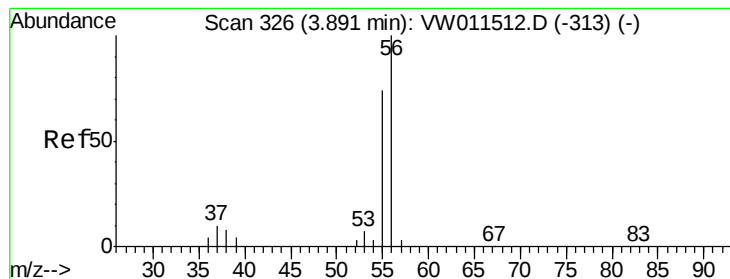


#12

1,1-Dichloroethene
 Concen: 49.535 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 96 Resp: 110871
 Ion Ratio Lower Upper
 96 100
 61 186.6 149.9 224.9
 98 63.7 49.1 73.7





#13

Acrolein

Concen: 235.854 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

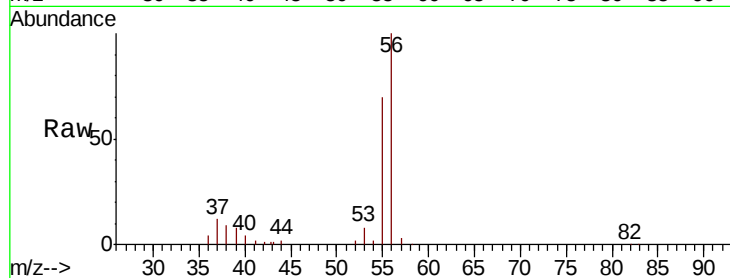
VSTDCCC050EC

Tgt Ion: 56 Resp: 41763

Ion Ratio Lower Upper

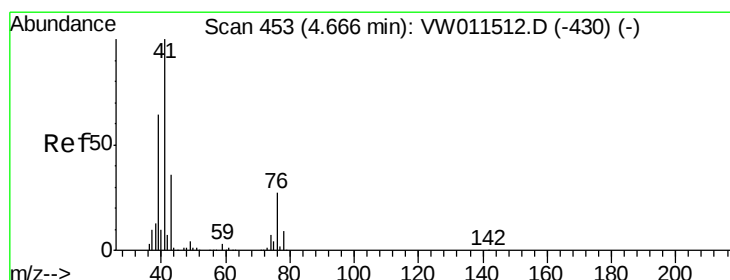
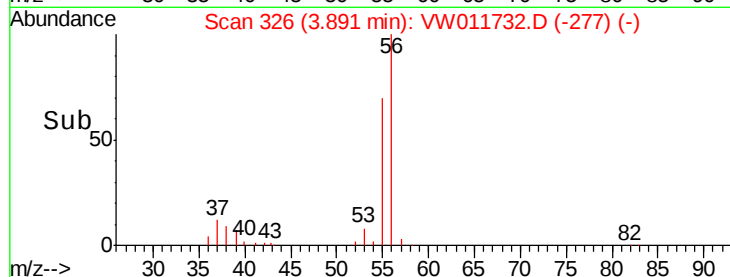
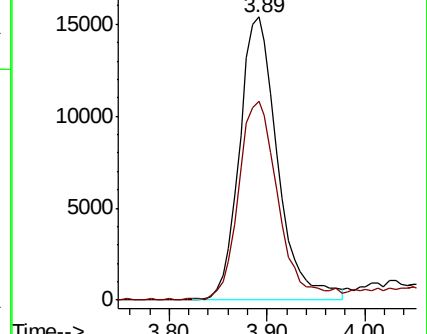
56 100

55 72.4 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 50.099 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

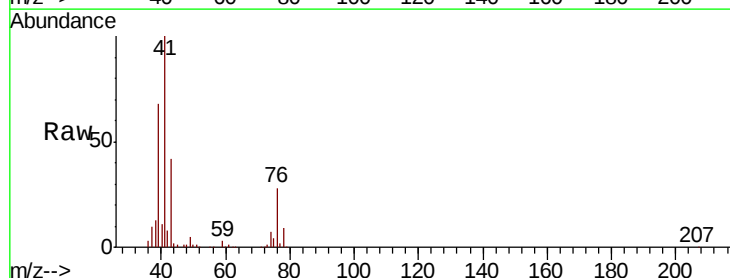
Tgt Ion: 41 Resp: 238496

Ion Ratio Lower Upper

41 100

39 66.7 52.6 78.8

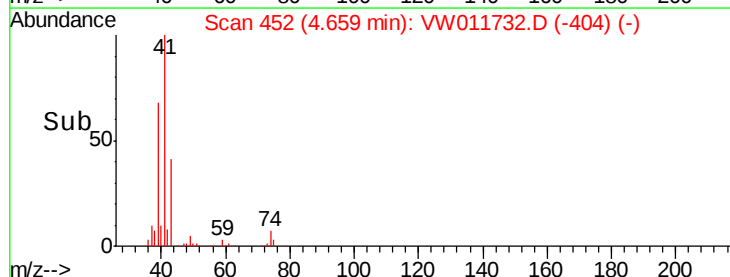
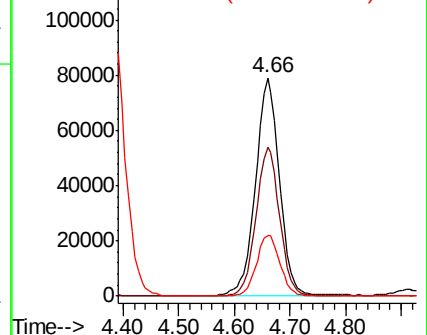
76 27.2 22.0 33.0

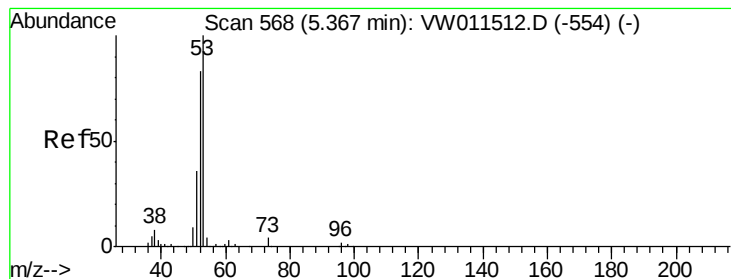


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 265.503 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

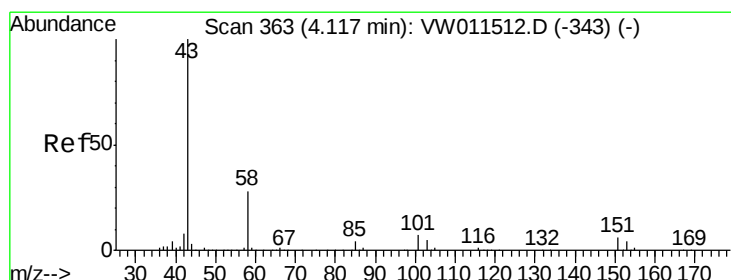
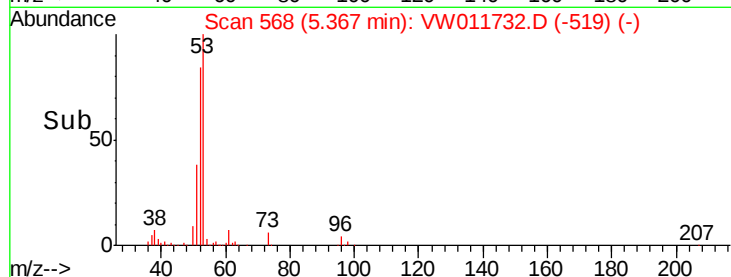
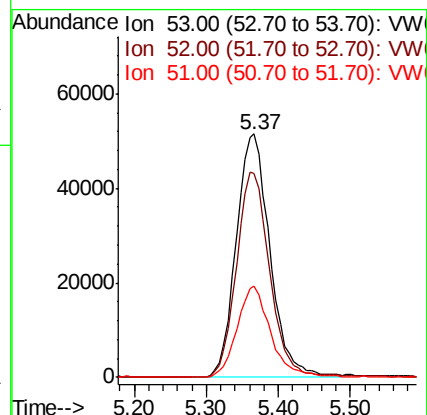
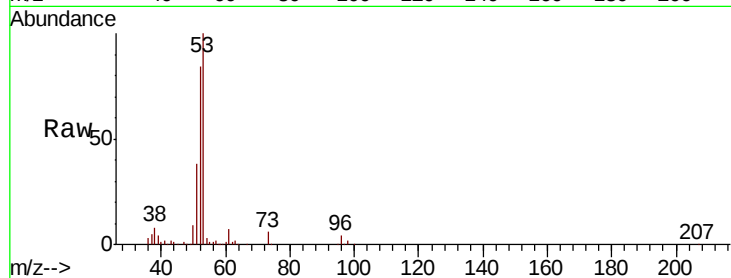
Tgt Ion: 53 Resp: 167925

Ion Ratio Lower Upper

53 100

52 83.0 67.2 100.8

51 37.2 30.0 45.0



#16

Acetone

Concen: 175.129 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011732.D

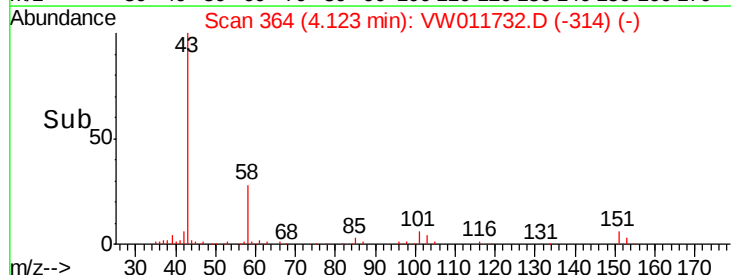
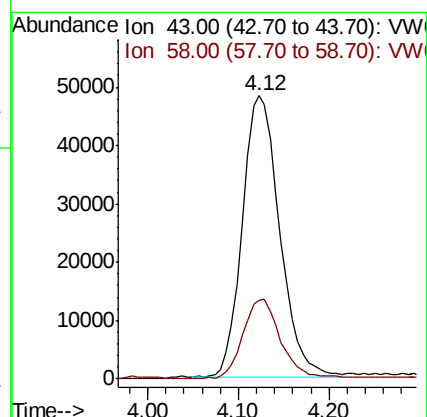
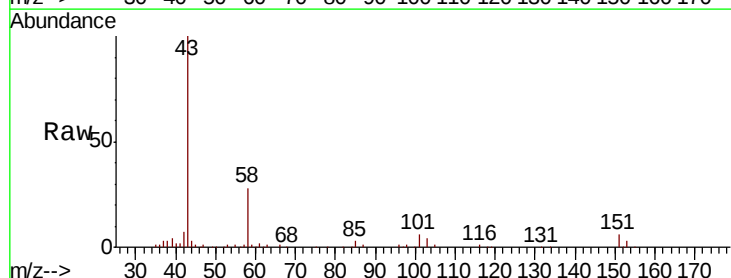
Acq: 06 Aug 2019 01:07

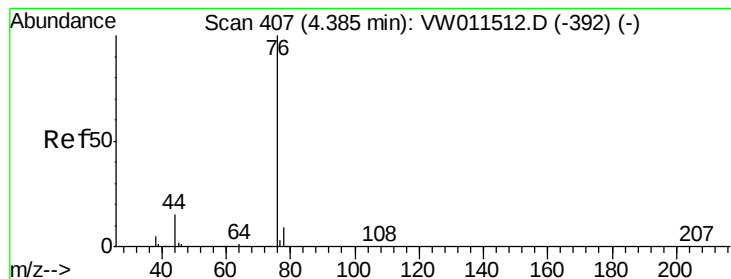
Tgt Ion: 43 Resp: 137476

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5





#17

Carbon Disulfide

Concen: 46.952 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

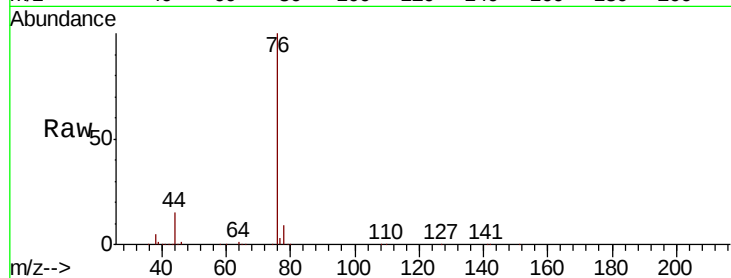
VSTDCCC050EC

Tgt Ion: 76 Resp: 328912

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

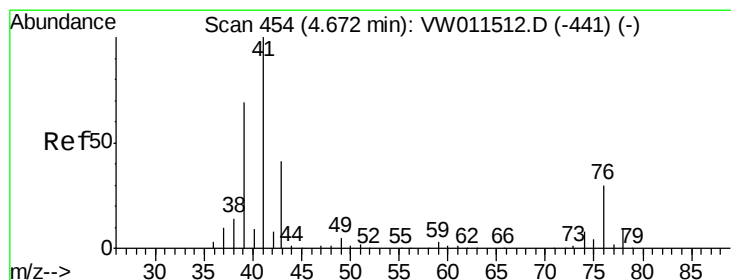
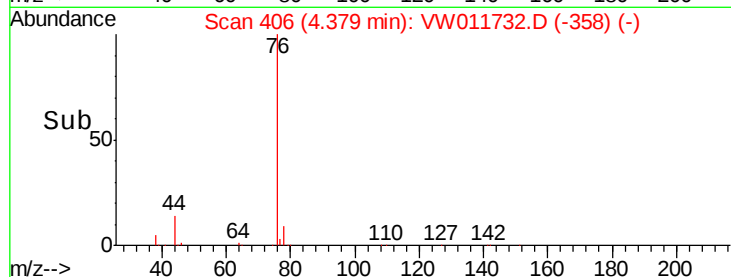
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 57.350 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011732.D

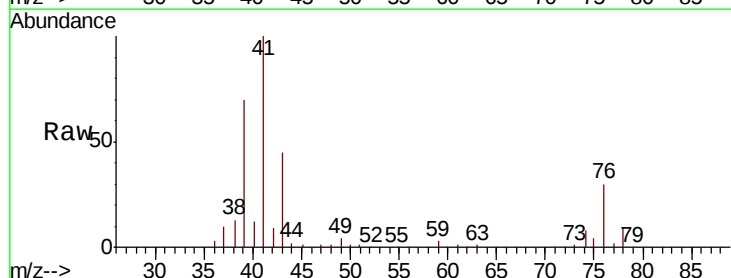
Acq: 06 Aug 2019 01:07

Tgt Ion: 43 Resp: 101136

Ion Ratio Lower Upper

43 100

74 18.8 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

40000

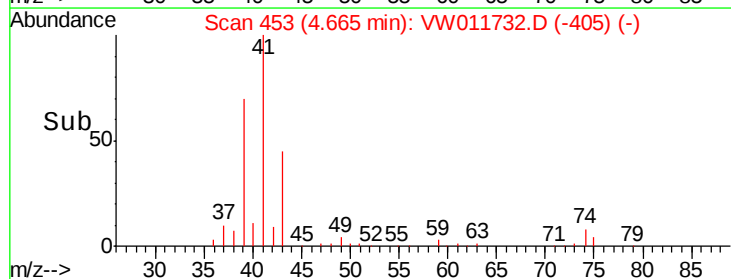
30000

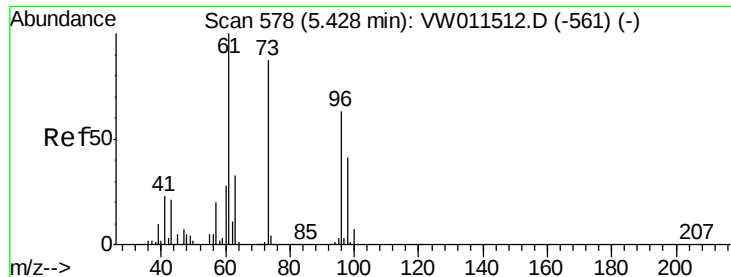
20000

10000

0

Time--> 4.50 4.60 4.70 4.80





#19

Methyl tert-butyl Ether

Concen: 52.820 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

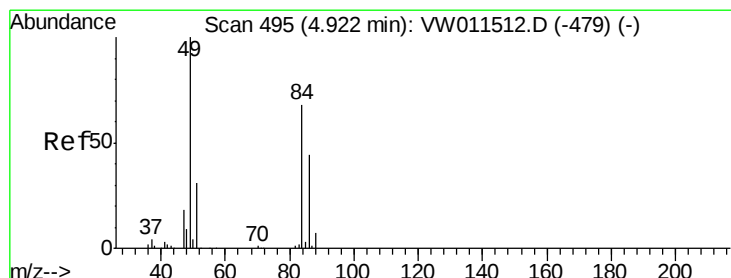
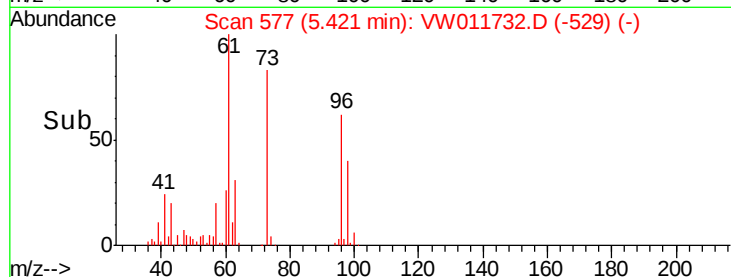
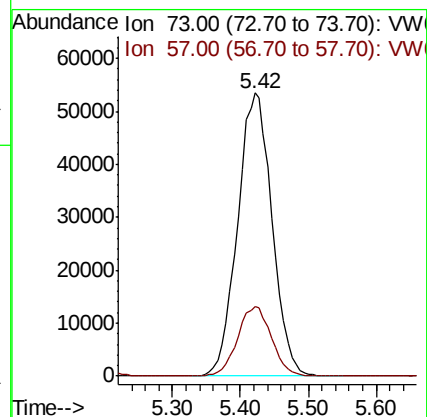
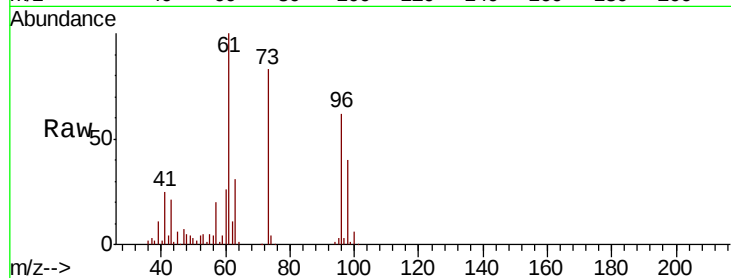
VSTDCCC050EC

Tgt Ion: 73 Resp: 187605

Ion Ratio Lower Upper

73 100

57 24.7 18.4 27.6



#20

Methylene Chloride

Concen: 47.020 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Tgt Ion: 84 Resp: 127297

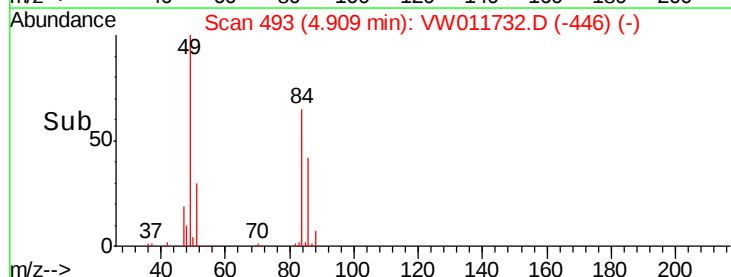
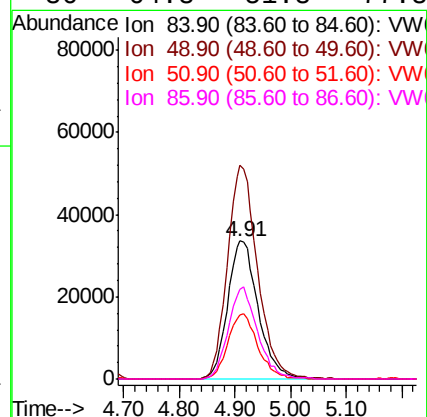
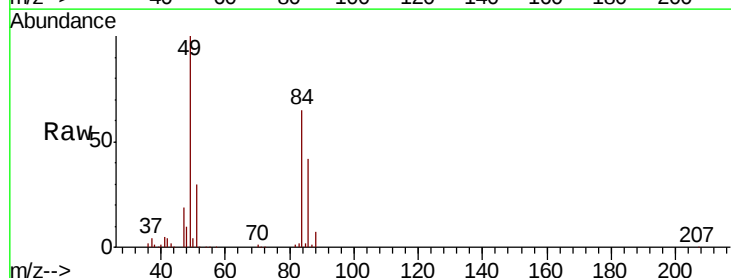
Ion Ratio Lower Upper

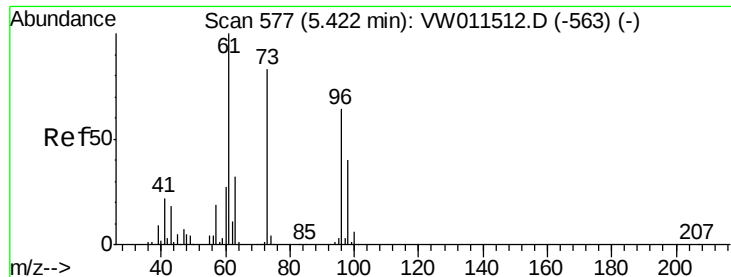
84 100

49 154.8 117.8 176.6

51 46.8 37.0 55.4

86 64.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 51.425 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

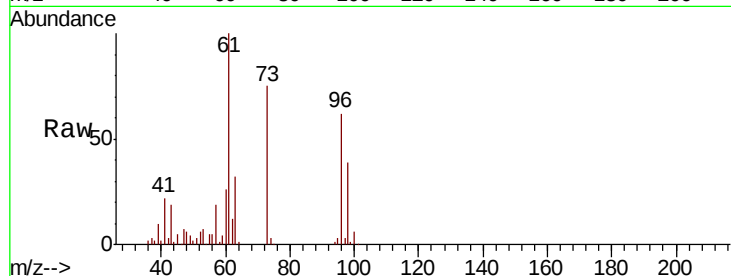
Tgt Ion: 96 Resp: 124091

Ion Ratio Lower Upper

96 100

61 161.2 125.7 188.5

98 62.6 50.3 75.5

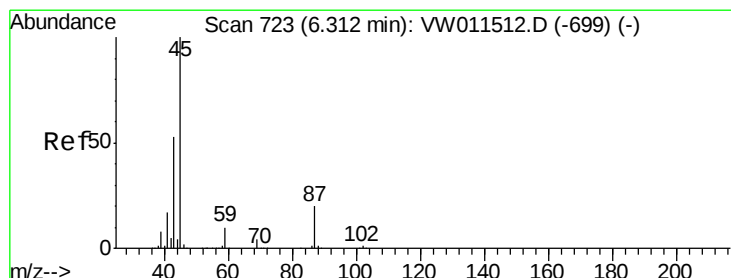
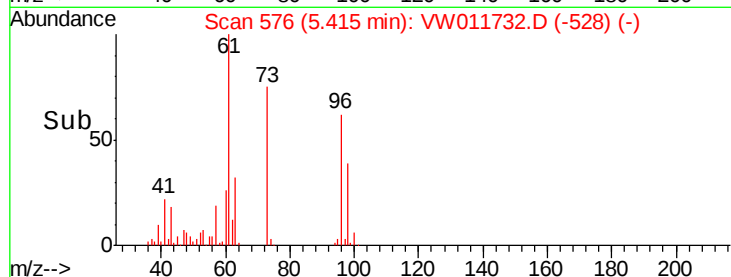
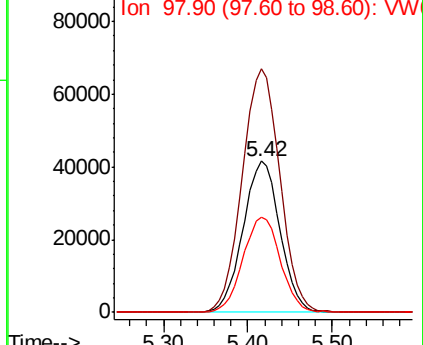


Abundance

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: 53.062 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Tgt Ion: 45 Resp: 476245

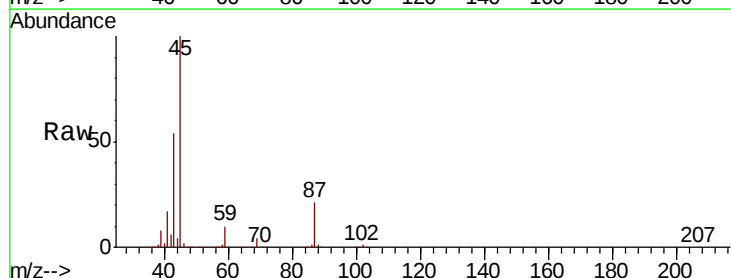
Ion Ratio Lower Upper

45 100

43 54.1 42.6 63.8

87 20.9 16.4 24.6

59 10.0 8.2 12.2



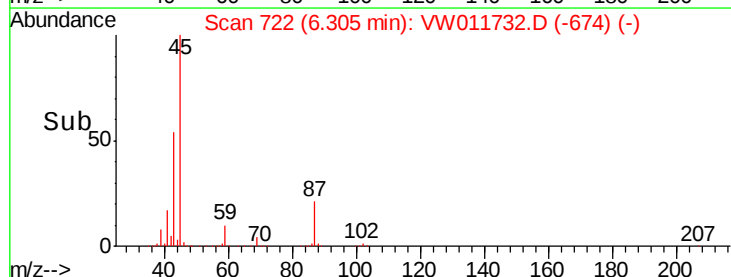
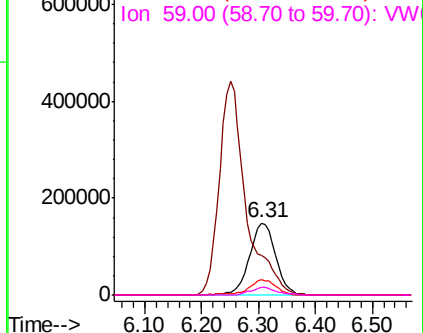
Abundance

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

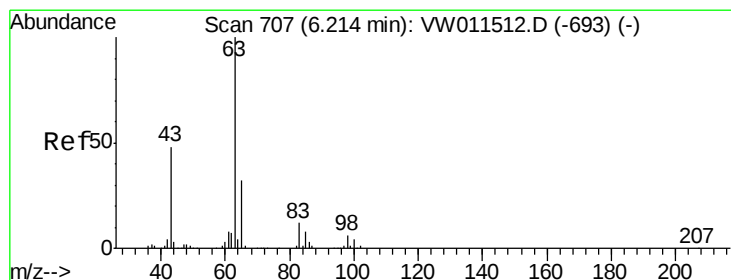
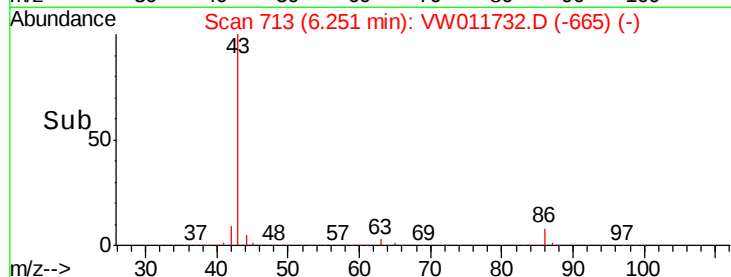
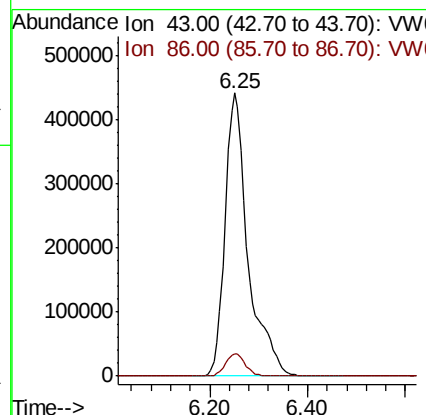
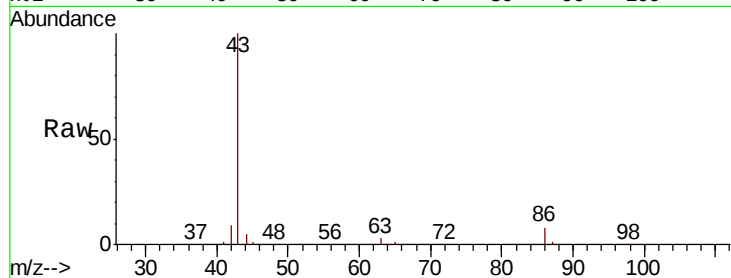




#23
 Vinyl Acetate
 Concen: 255.318 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

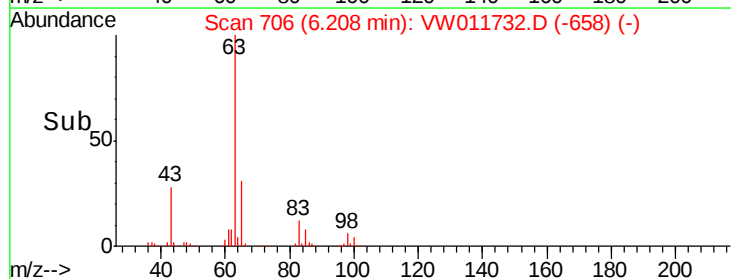
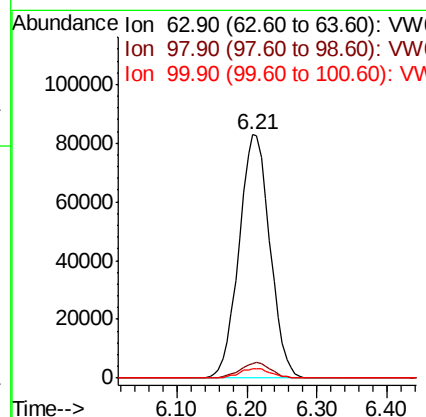
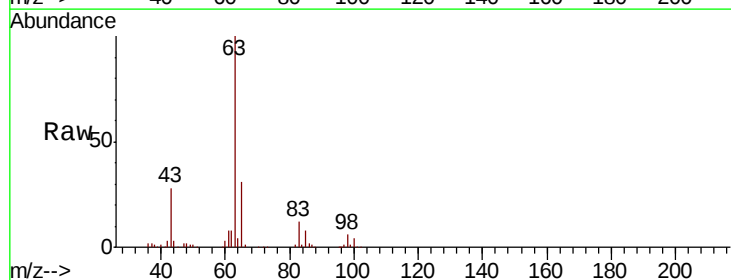
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

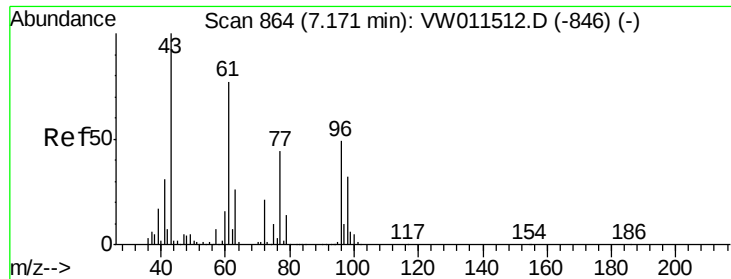
Tgt Ion: 43 Resp: 1439898
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 52.786 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 63 Resp: 253736
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 230.023 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

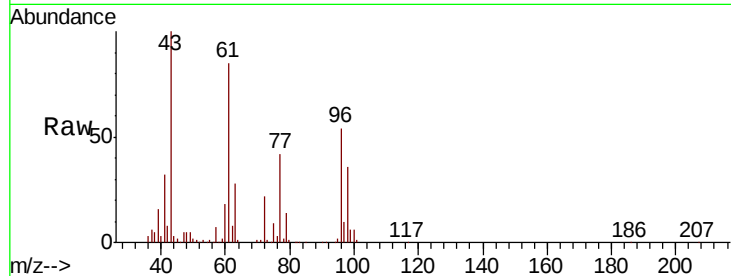
VSTDCCC050EC

Tgt Ion: 43 Resp: 236278

Ion Ratio Lower Upper

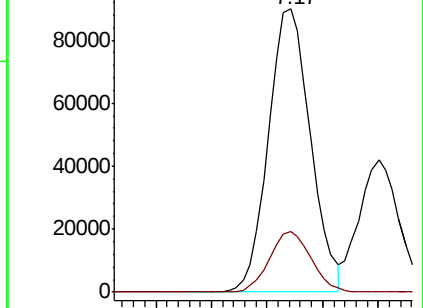
43 100

72 21.6 16.6 24.8

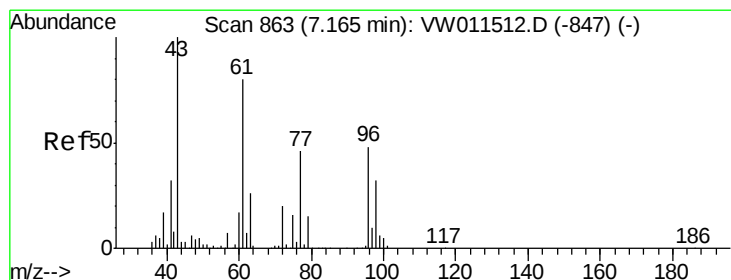
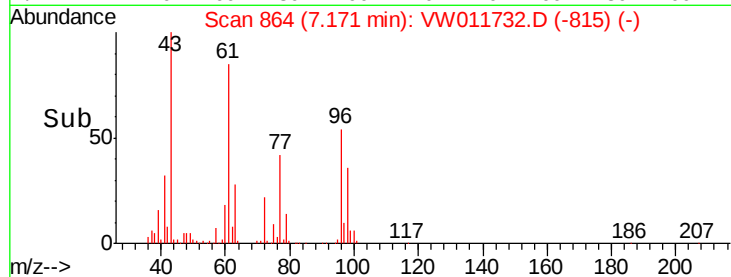


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#26

2,2-Dichloropropane

Concen: 41.896 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011732.D

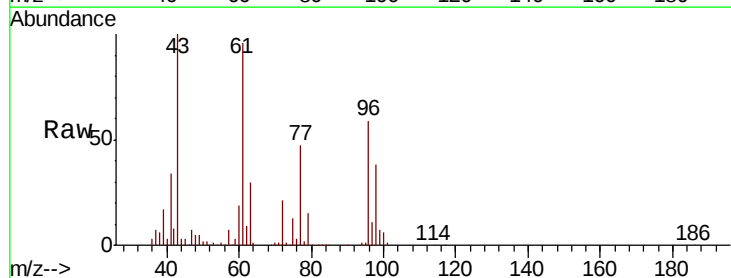
Acq: 06 Aug 2019 01:07

Tgt Ion: 77 Resp: 123851

Ion Ratio Lower Upper

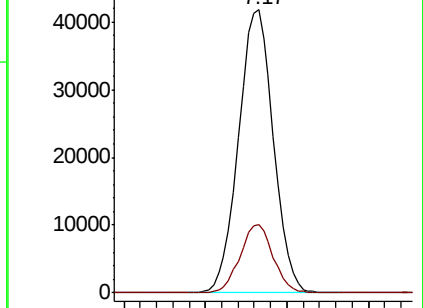
77 100

97 22.8 10.8 32.4

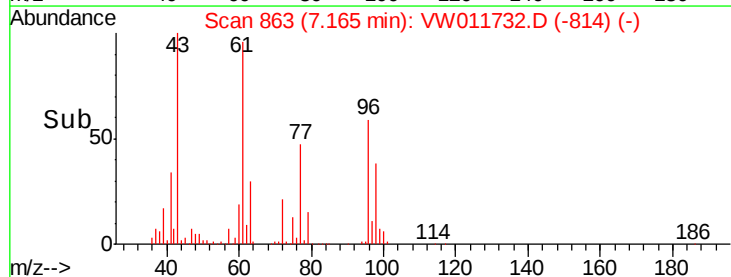


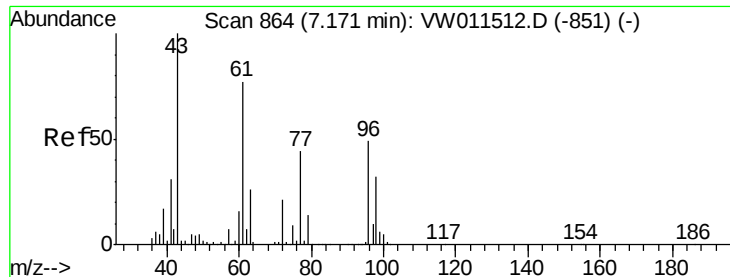
Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



Time-->



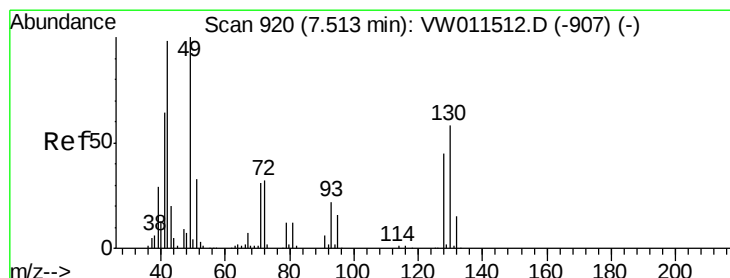
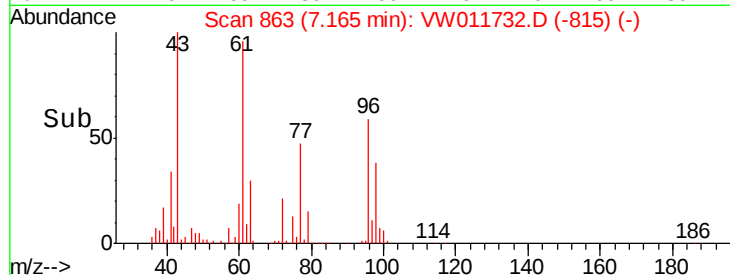
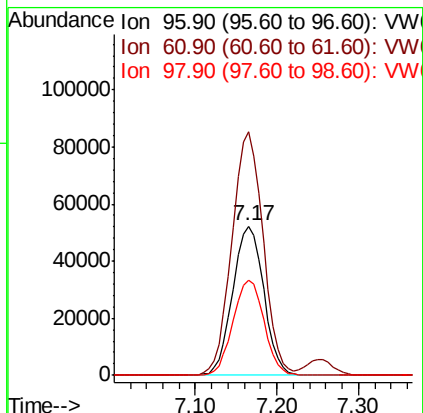
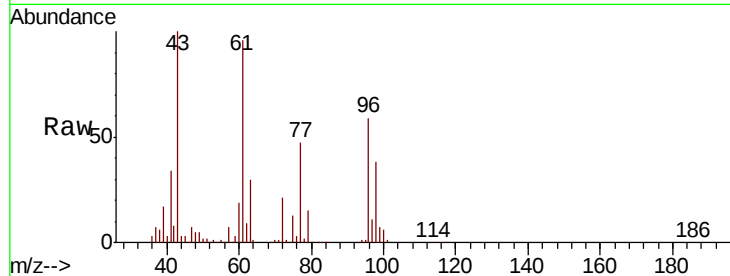


#27

cis-1,2-Dichloroethene
Concen: 51.853 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

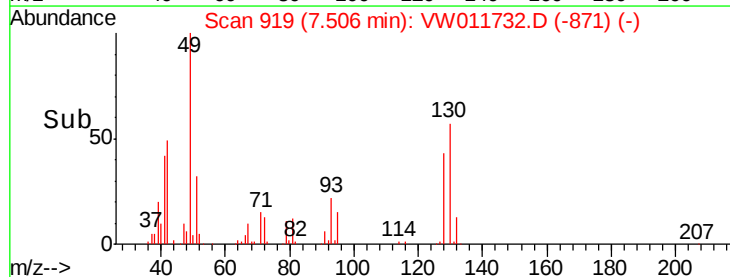
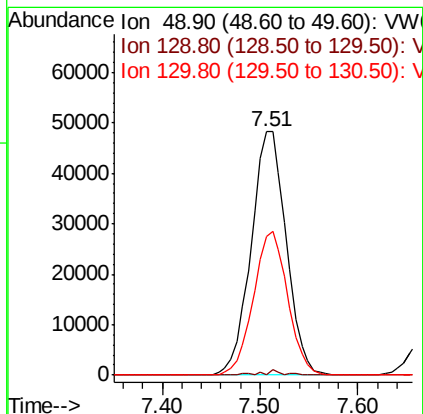
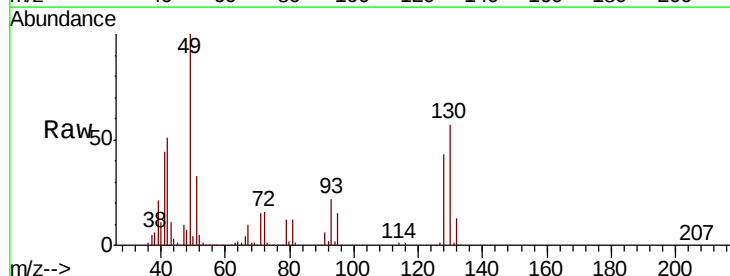
Tgt Ion: 96 Resp: 137709
Ion Ratio Lower Upper
96 100
61 163.7 0.0 328.4
98 63.7 0.0 128.8

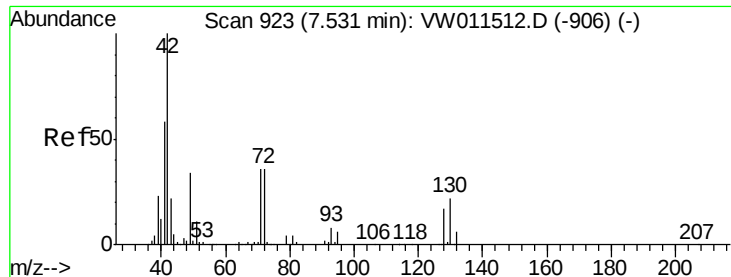


#28

Bromochloromethane
Concen: 56.770 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion: 49 Resp: 121123
Ion Ratio Lower Upper
49 100
129 0.9 0.0 1.0
130 57.5 46.3 69.5

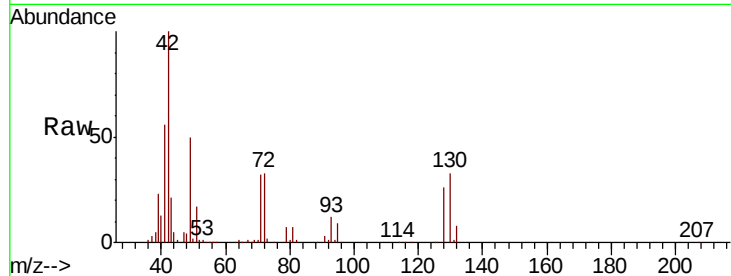




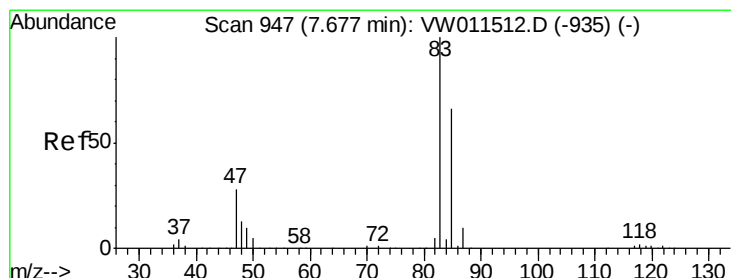
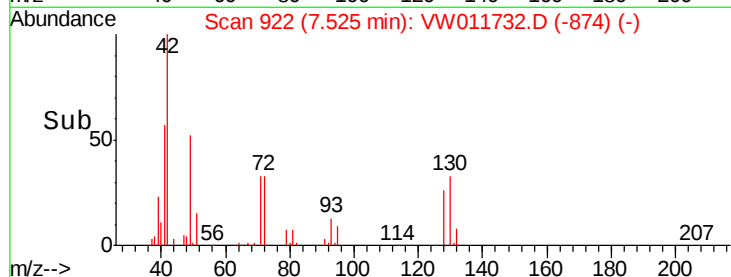
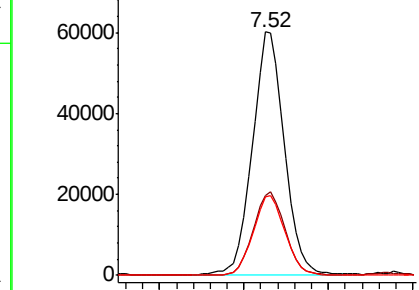
#29
Tetrahydrofuran
Concen: 264.463 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 155280
Ion Ratio Lower Upper
42 100
72 34.3 27.1 40.7
71 32.8 26.2 39.4

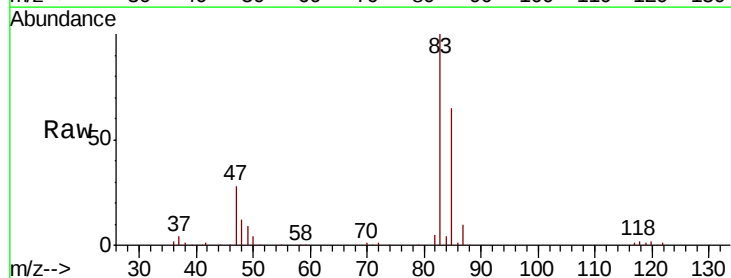


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

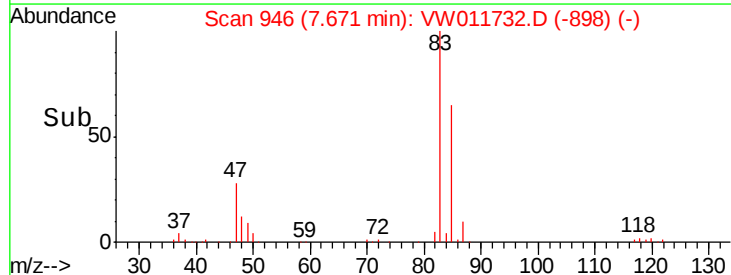
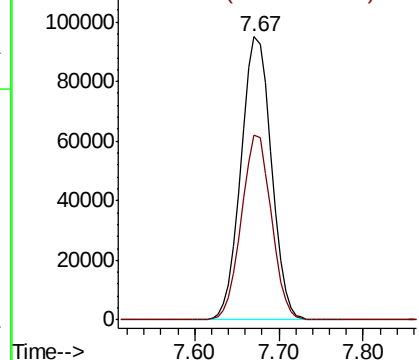


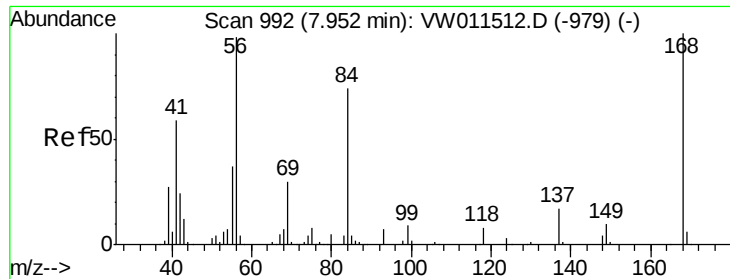
#30
Chloroform
Concen: 52.187 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion: 83 Resp: 231431
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7



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

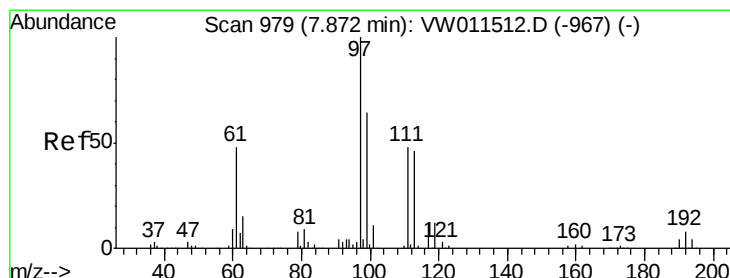
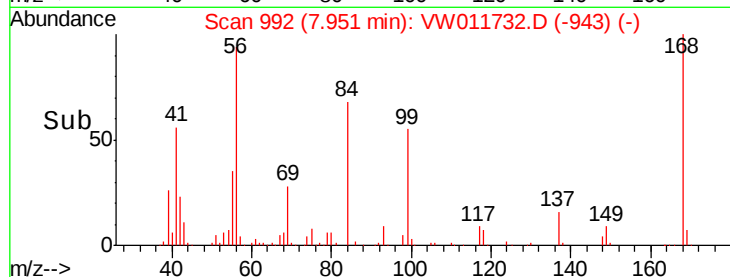
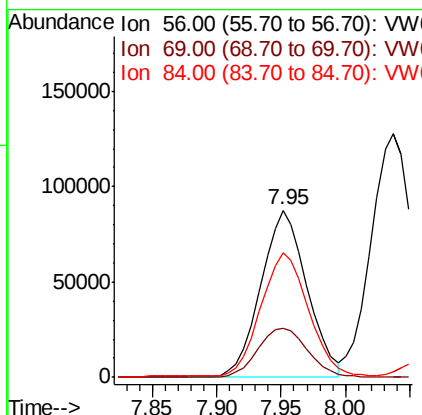
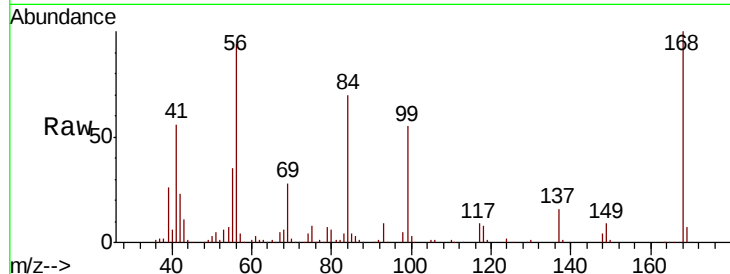




#31
Cyclohexane
Concen: 47.298 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

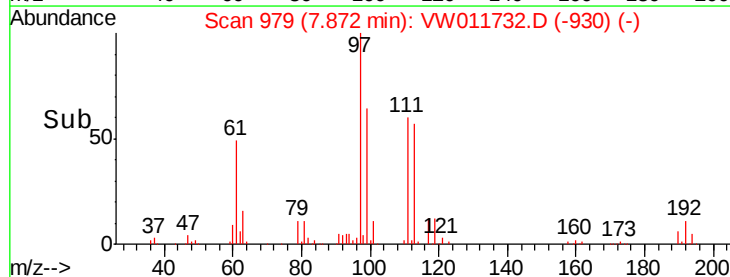
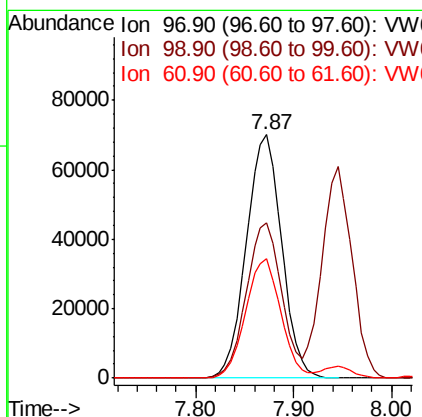
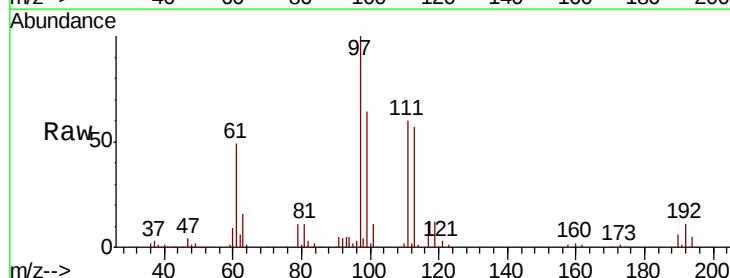
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

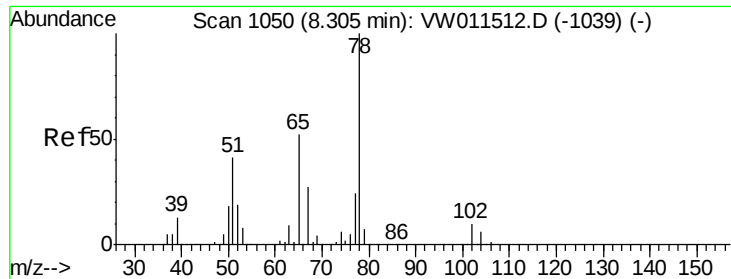
Tgt Ion: 56 Resp: 218241
Ion Ratio Lower Upper
56 100
69 29.5 24.3 36.5
84 73.6 60.4 90.6



#32
1,1,1-Trichloroethane
Concen: 52.298 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion: 97 Resp: 176625
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 49.2 39.8 59.6

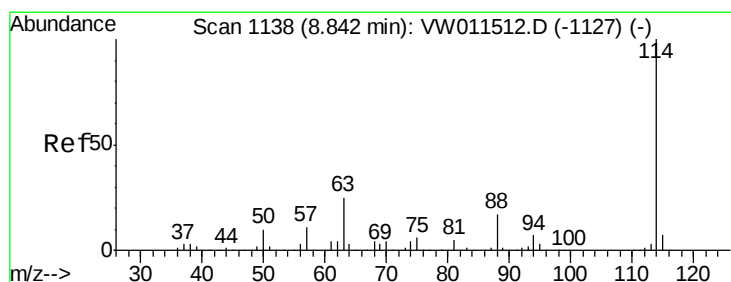
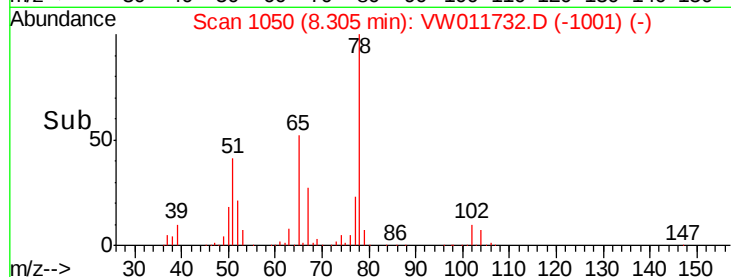
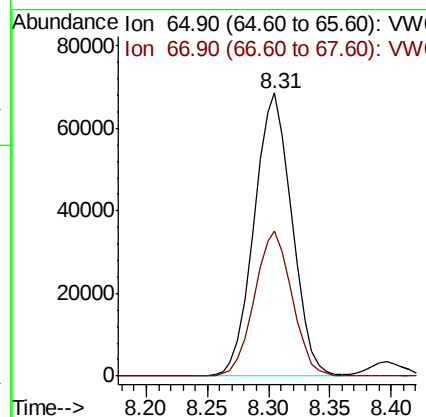
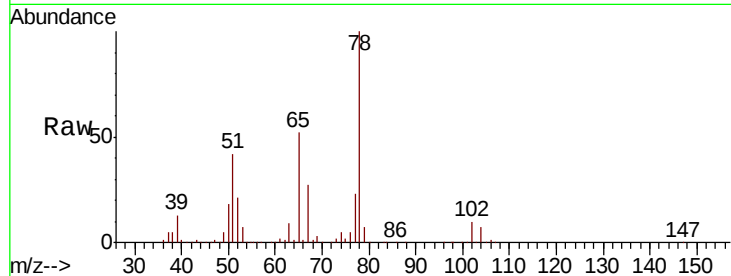




#33
 1,2-Dichloroethane-d4
 Concen: 59.668 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

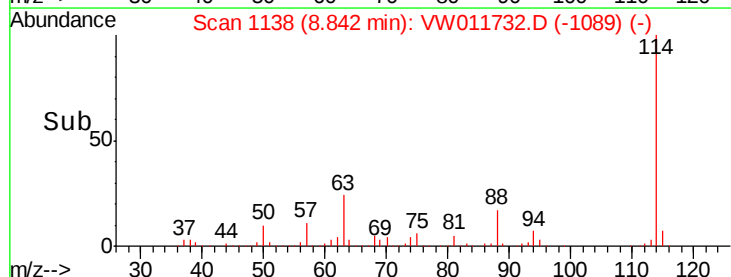
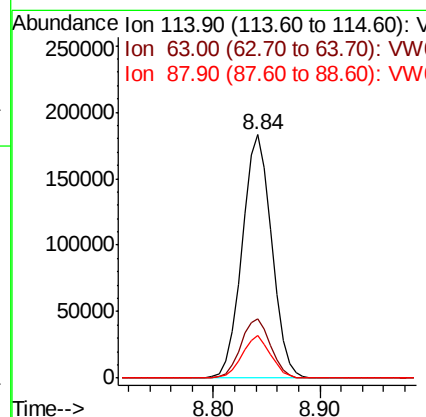
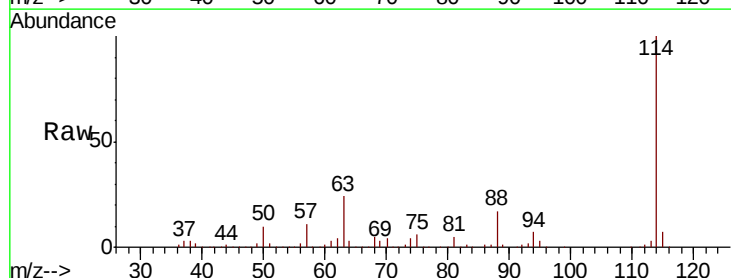
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

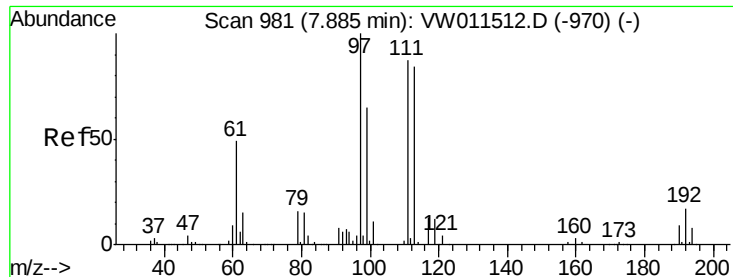
Tgt Ion: 65 Resp: 147247
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 114 Resp: 357411
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.3 0.0 33.8

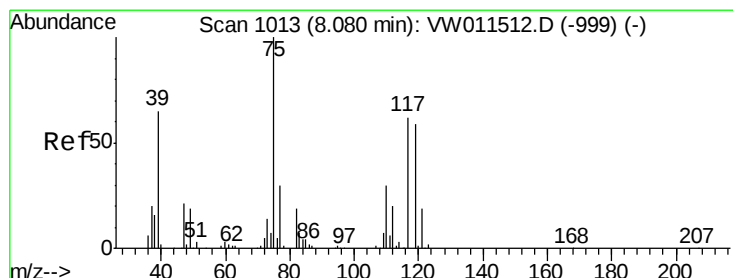
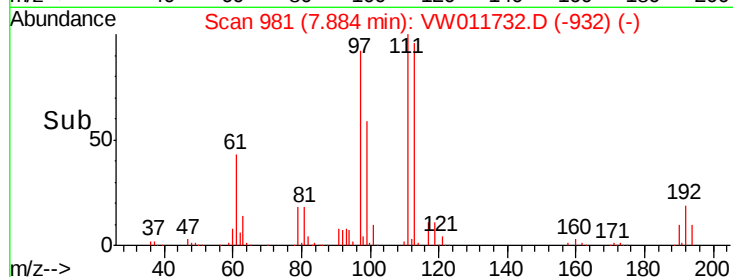
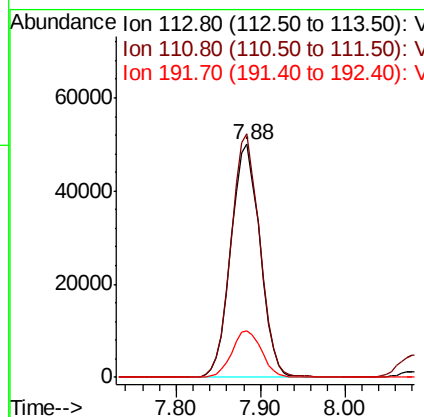
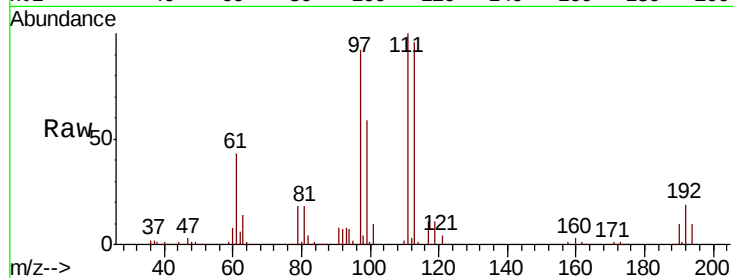




#35
 Dibromofluoromethane
 Concen: 58.541 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

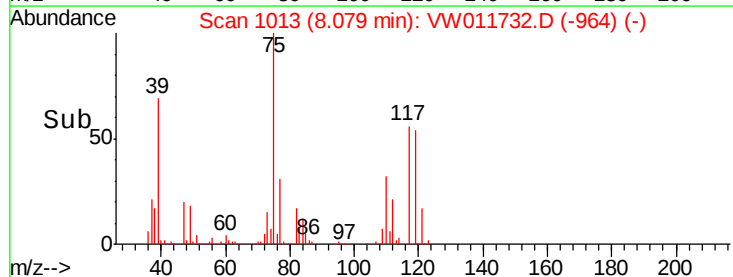
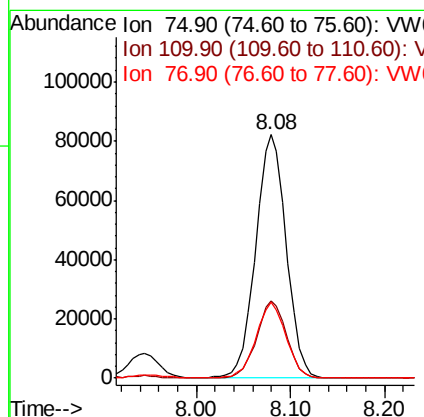
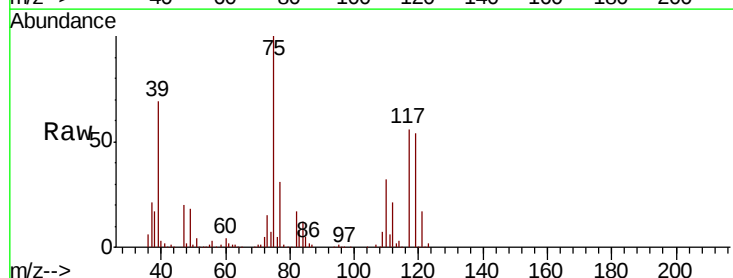
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

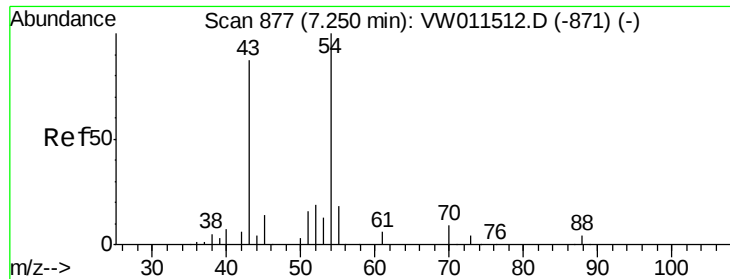
Tgt Ion: 113 Resp: 117382
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 20.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 50.175 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 75 Resp: 186472
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.6 46.8
 77 30.9 24.3 36.5

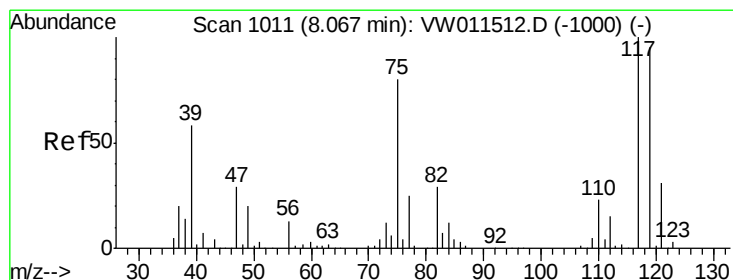
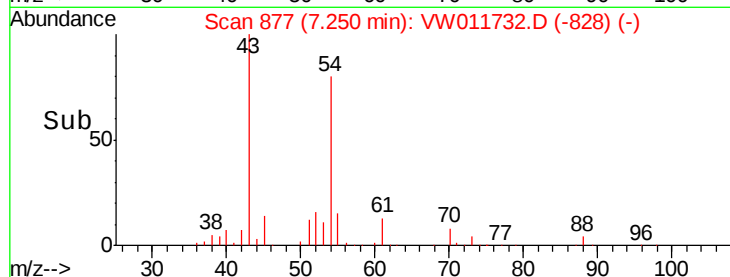
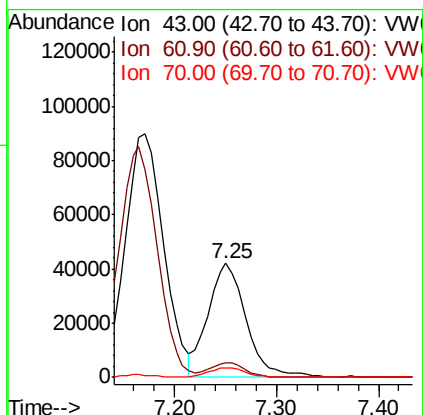
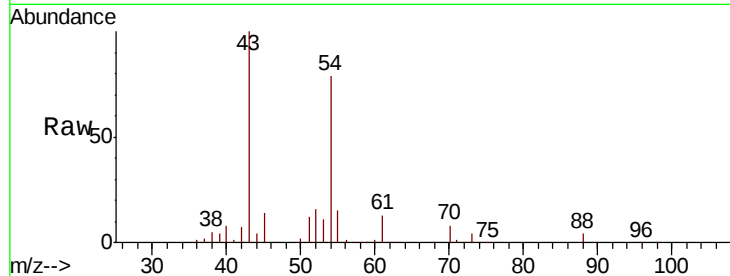




#37
Ethyl Acetate
Concen: 50.471 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

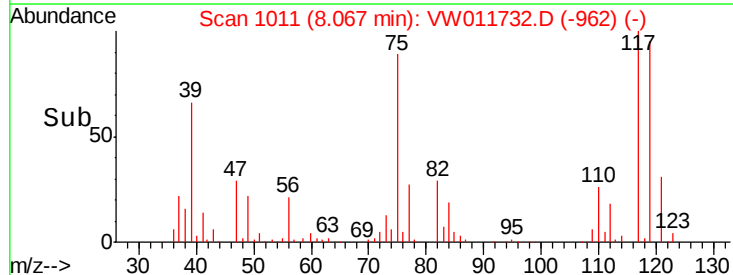
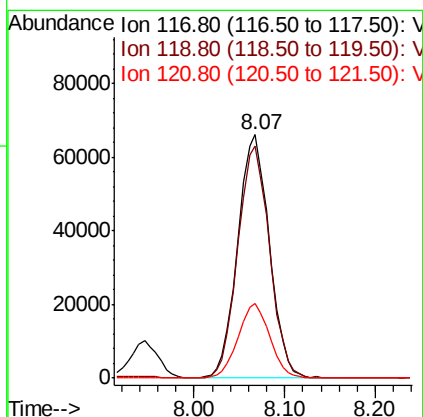
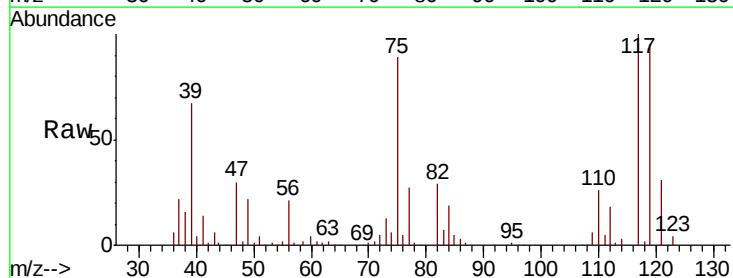
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

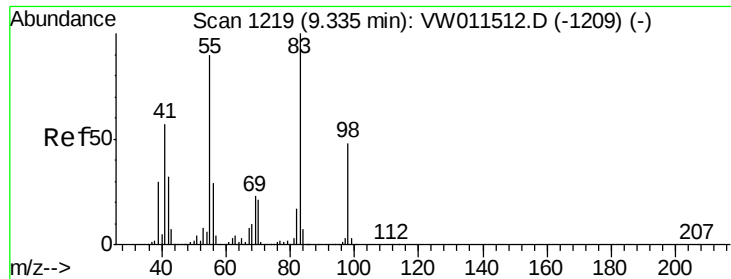
Tgt Ion: 43 Resp: 107914
Ion Ratio Lower Upper
43 100
61 12.4 8.8 13.2
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.428 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion: 117 Resp: 160437
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.6
121 30.6 24.7 37.1

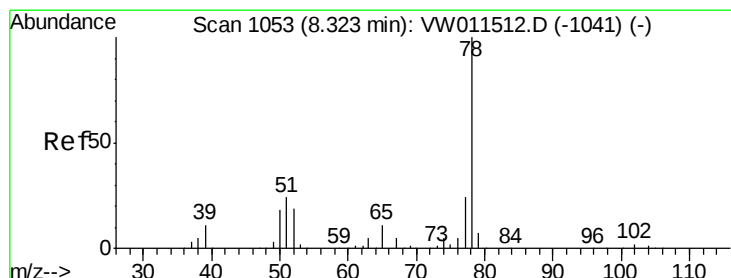
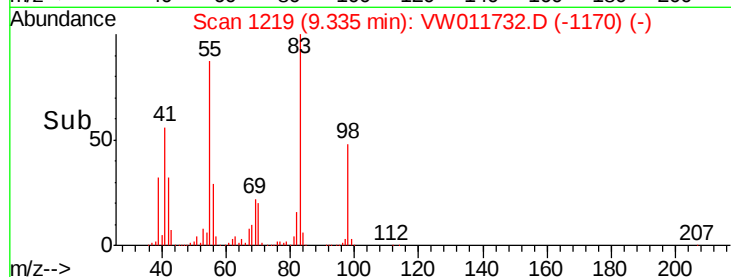
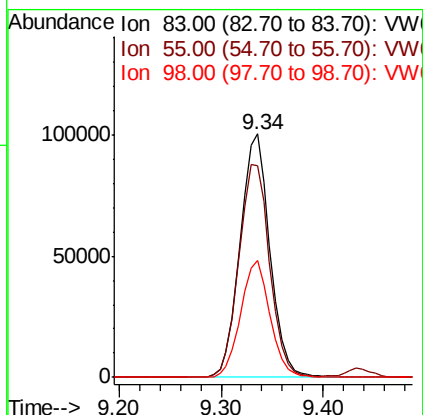
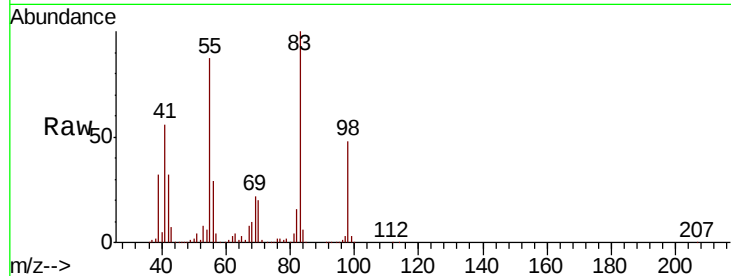




#39
Methylcyclohexane
Concen: 49.696 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

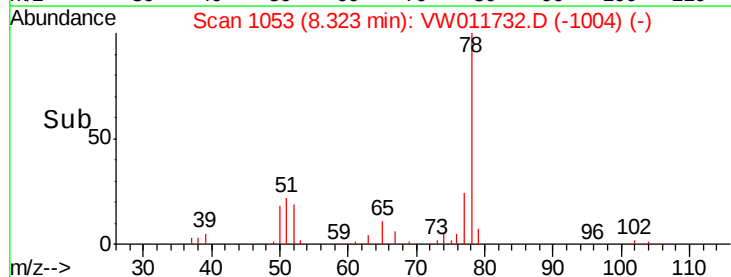
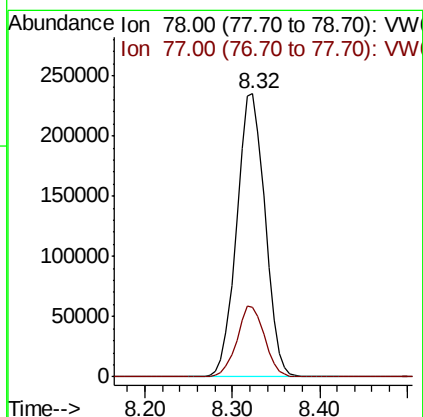
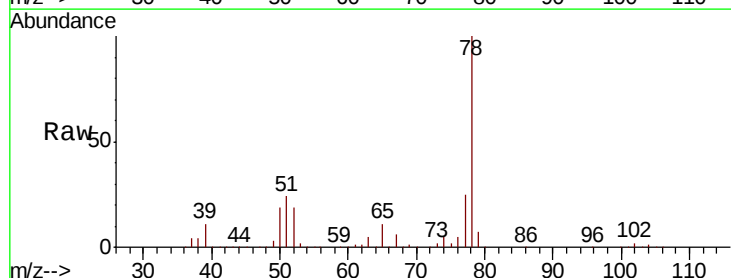
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

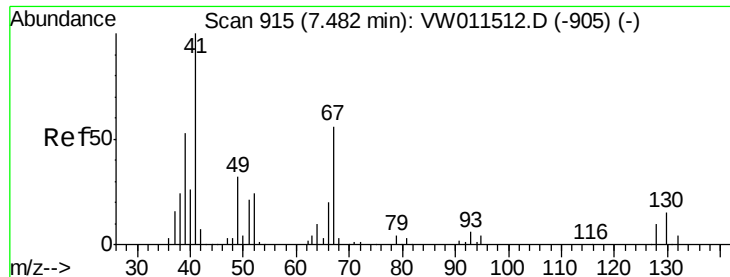
Tgt Ion: 83 Resp: 203367
Ion Ratio Lower Upper
83 100
55 87.0 72.1 108.1
98 48.1 38.6 57.8



#40
Benzene
Concen: 50.899 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion: 78 Resp: 529853
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0





#41

Methacrylonitrile

Concen: 51.907 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 66344

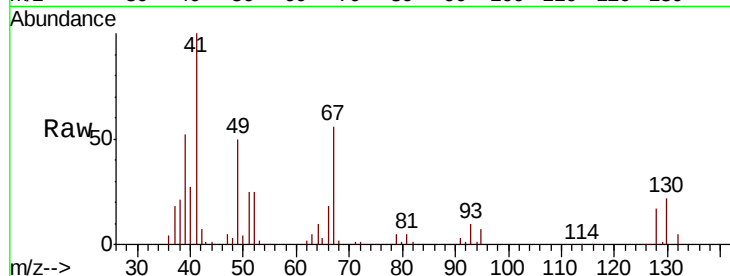
Ion Ratio Lower Upper

41 100

39 53.4 43.0 64.4

67 58.1 47.5 71.3

52 27.1 21.0 31.6

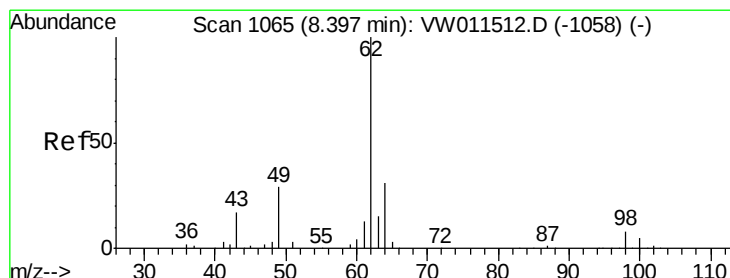
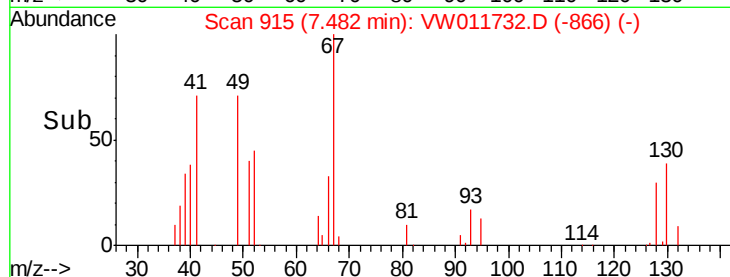
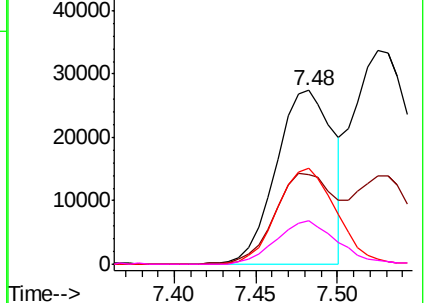


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 51.705 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011732.D

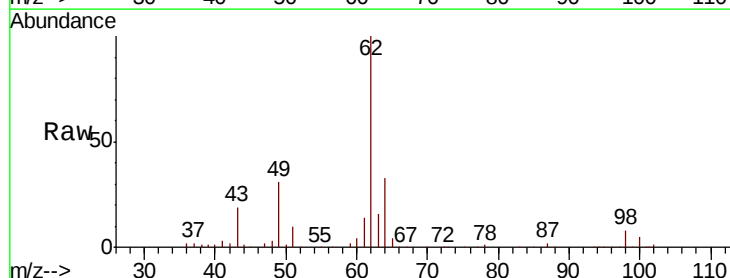
Acq: 06 Aug 2019 01:07

Tgt Ion: 62 Resp: 168516

Ion Ratio Lower Upper

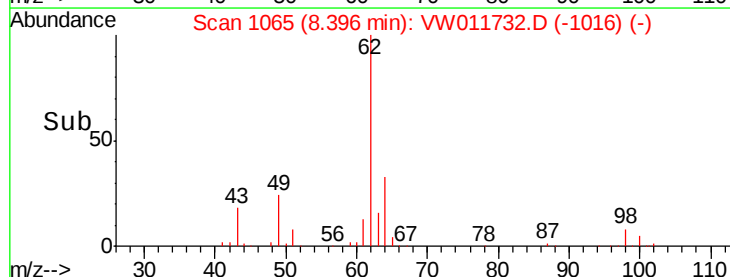
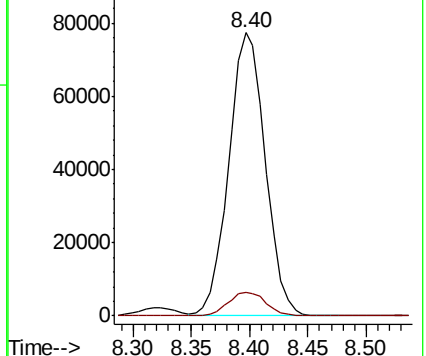
62 100

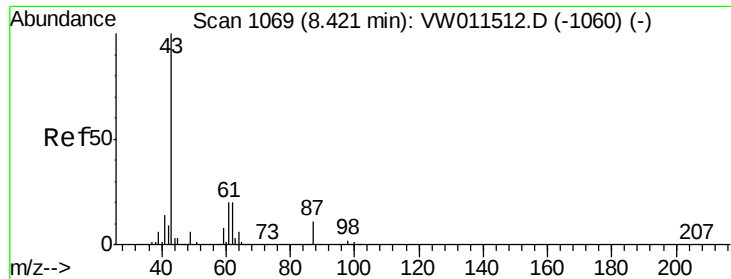
98 8.7 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.242 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

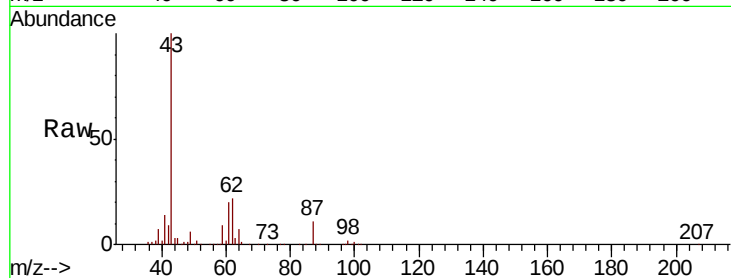
Tgt Ion: 43 Resp: 205429

Ion Ratio Lower Upper

43 100

61 26.5 21.5 32.3

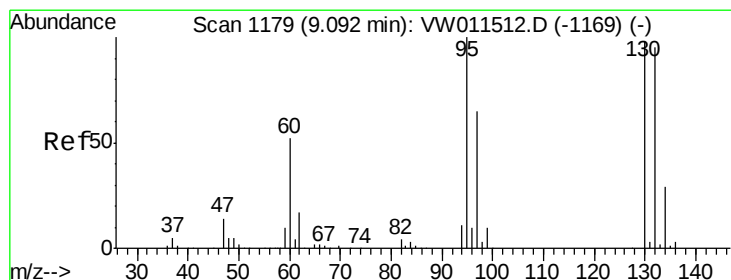
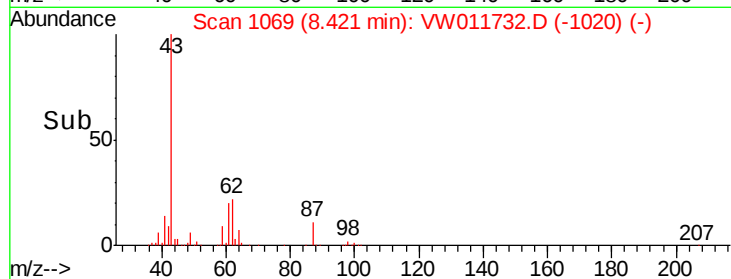
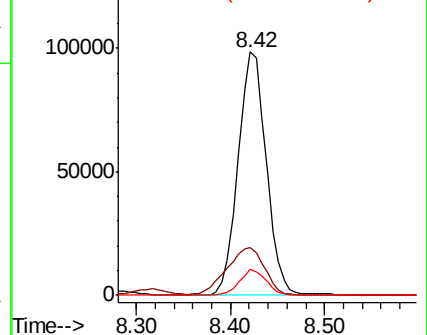
87 10.2 8.4 12.6



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: 50.458 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011732.D

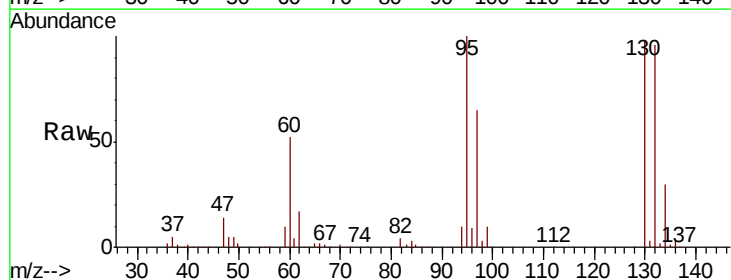
Acq: 06 Aug 2019 01:07

Tgt Ion: 130 Resp: 126247

Ion Ratio Lower Upper

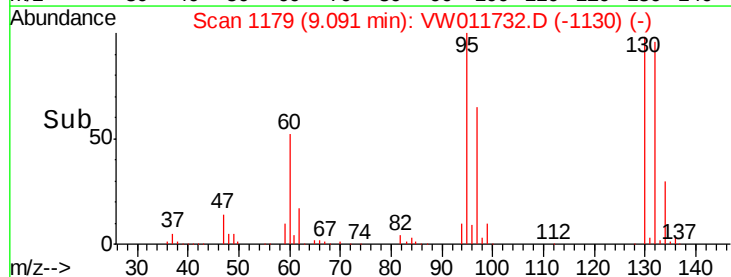
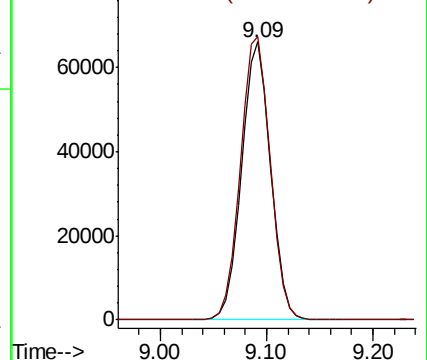
130 100

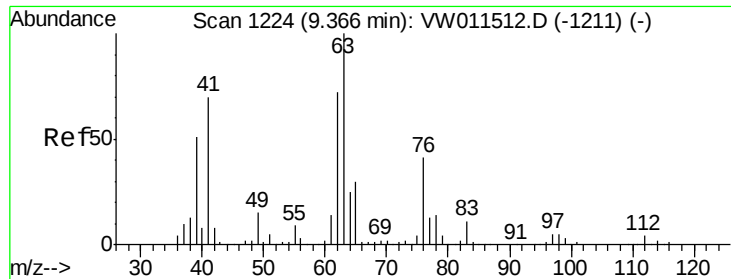
95 101.9 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

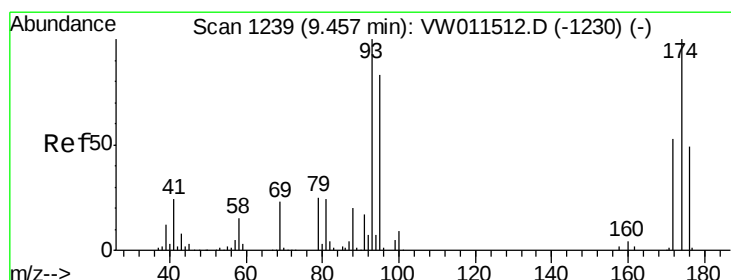
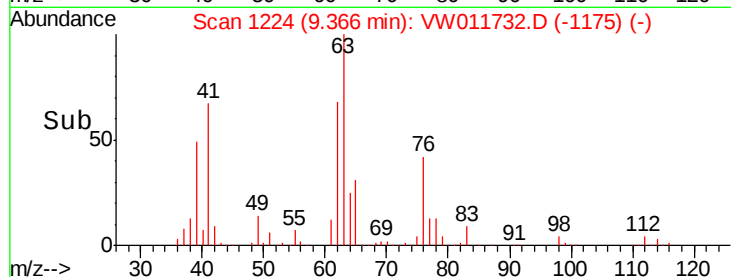
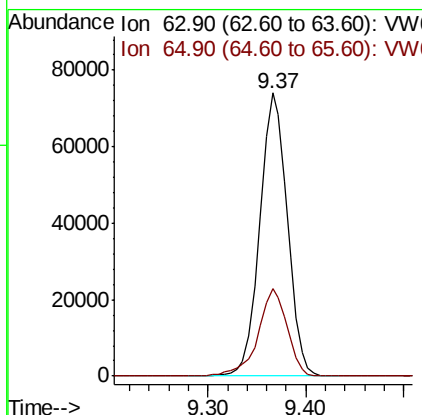
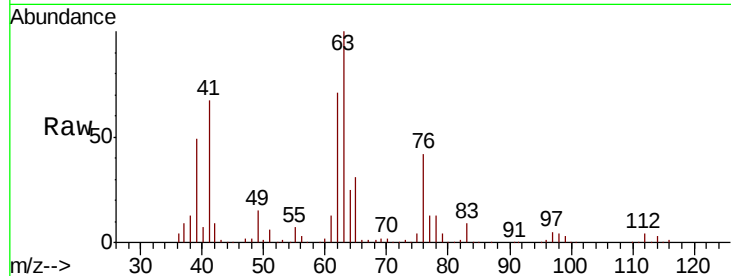




#45
 1,2-Dichloropropane
 Concen: 52.008 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

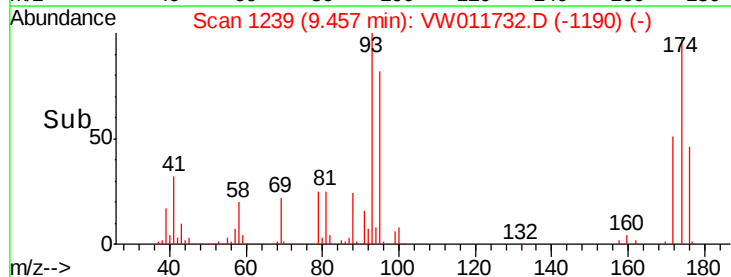
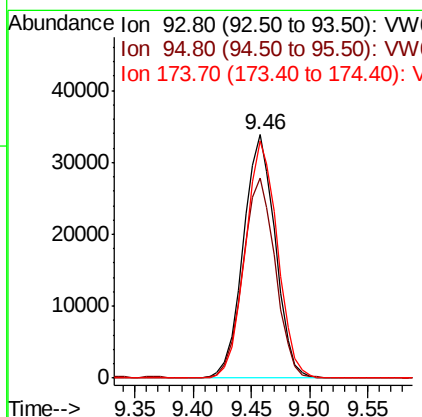
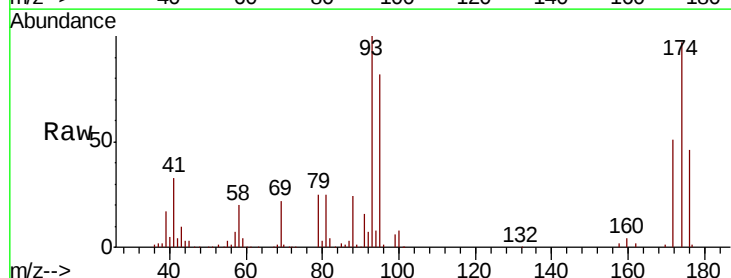
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

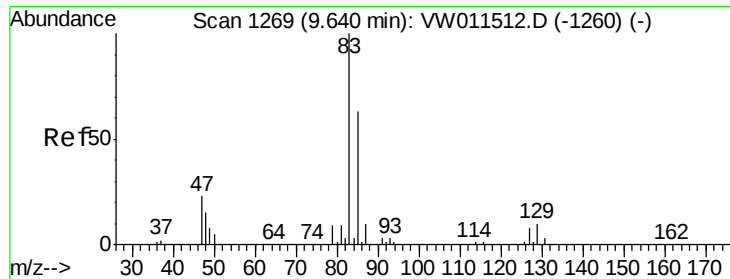
Tgt Ion: 63 Resp: 144861
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.2 36.4



#46
 Dibromomethane
 Concen: 50.959 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 93 Resp: 64783
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.2 99.2
 174 98.3 78.2 117.4





#47

Bromodichloromethane

Concen: 51.453 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

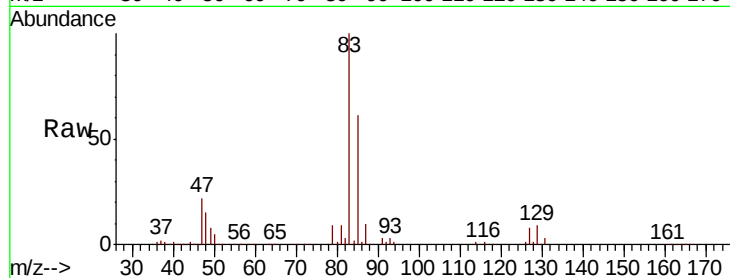
Tgt Ion: 83 Resp: 171582

Ion Ratio Lower Upper

83 100

85 61.5 50.5 75.7

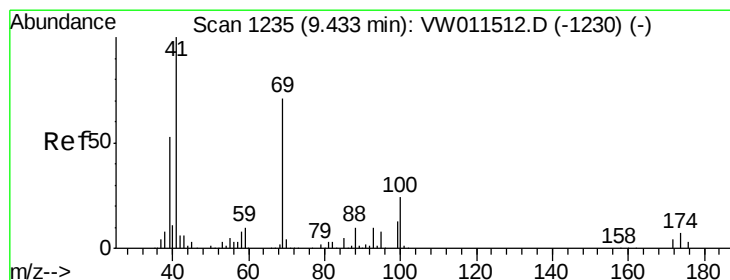
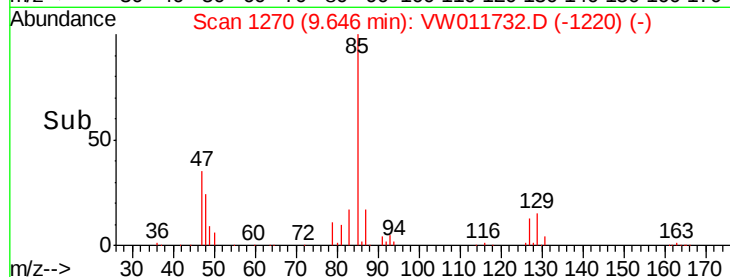
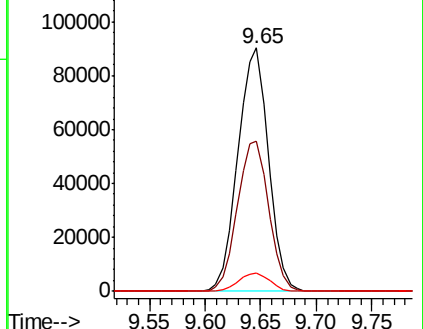
127 7.8 6.4 9.6



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: 53.531 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

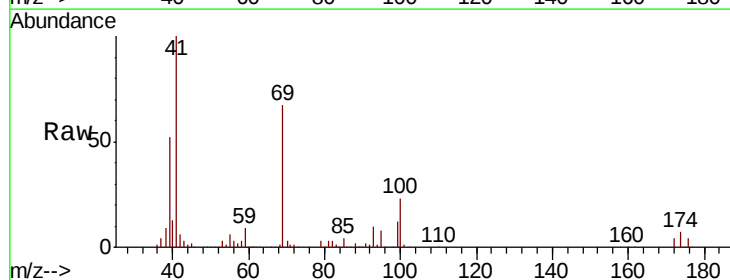
Tgt Ion: 41 Resp: 101114

Ion Ratio Lower Upper

41 100

69 71.5 57.1 85.7

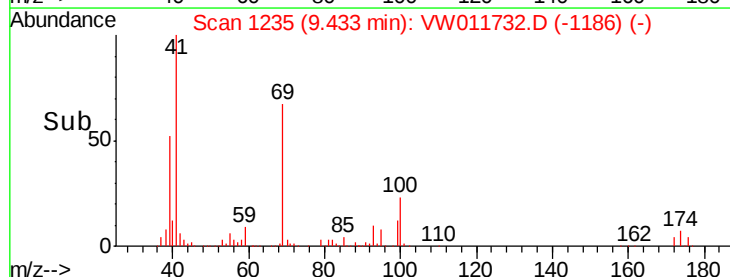
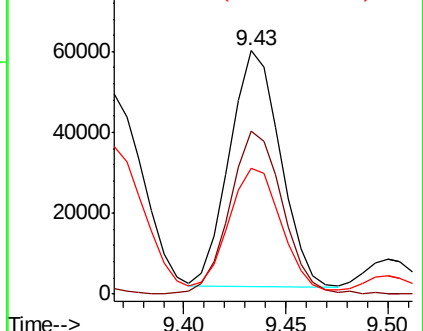
39 56.5 45.4 68.2

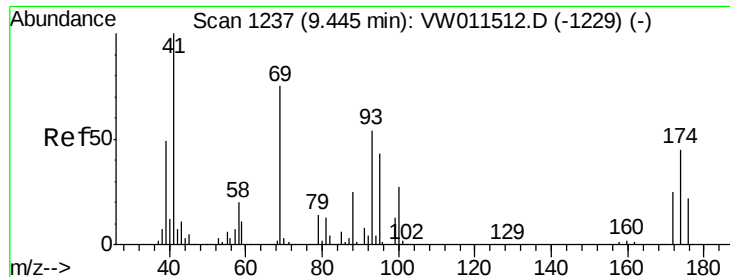


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 988.789 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

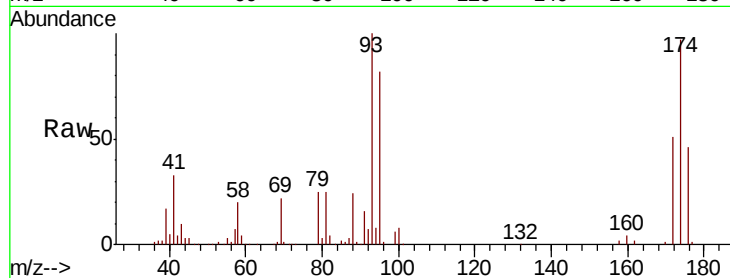
Tgt Ion: 88 Resp: 18201

Ion Ratio Lower Upper

88 100

43 0.0 34.0 51.0#

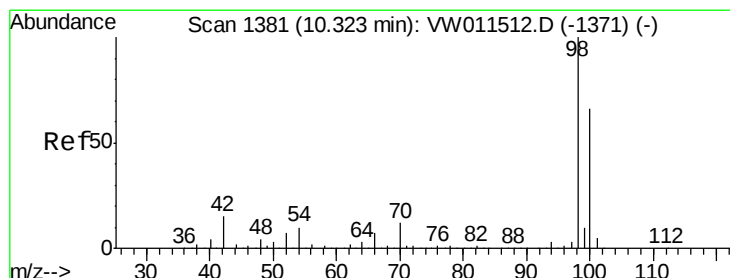
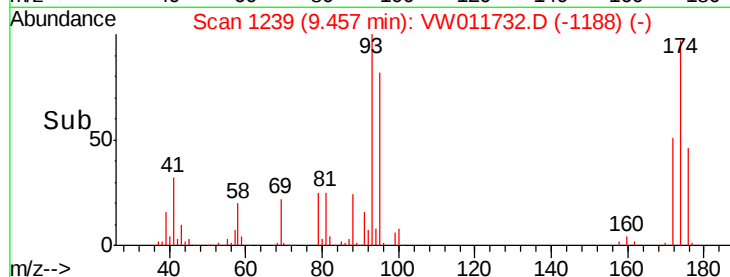
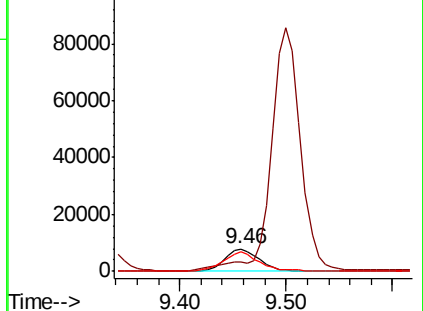
58 88.2 69.7 104.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 57.989 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011732.D

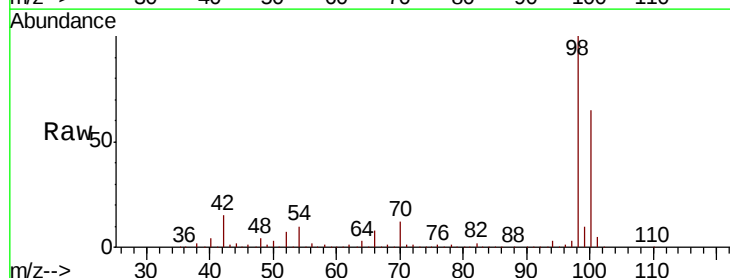
Acq: 06 Aug 2019 01:07

Tgt Ion: 98 Resp: 476067

Ion Ratio Lower Upper

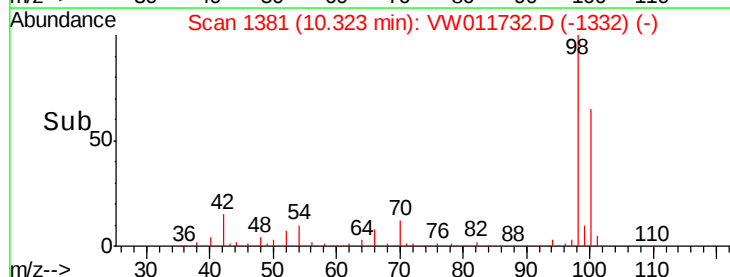
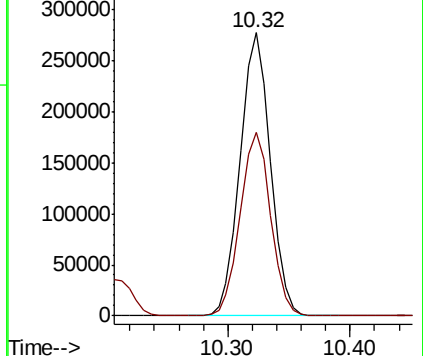
98 100

100 65.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

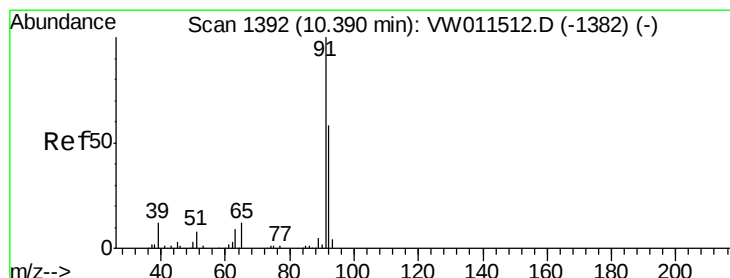
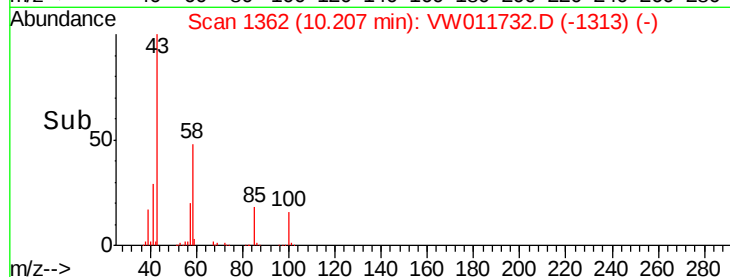
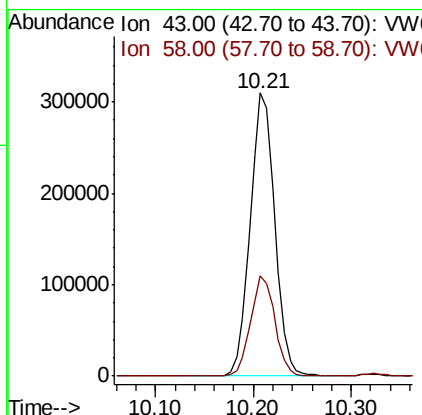
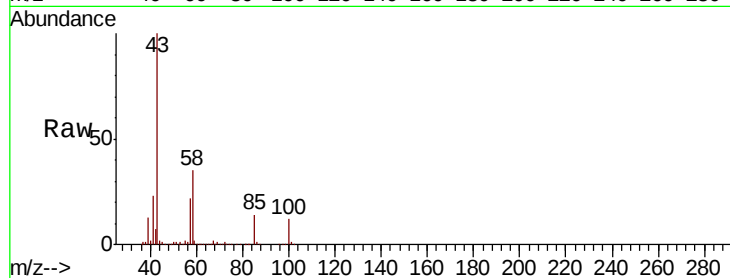




#51
 4-Methyl-2-Pentanone
 Concen: 263.725 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

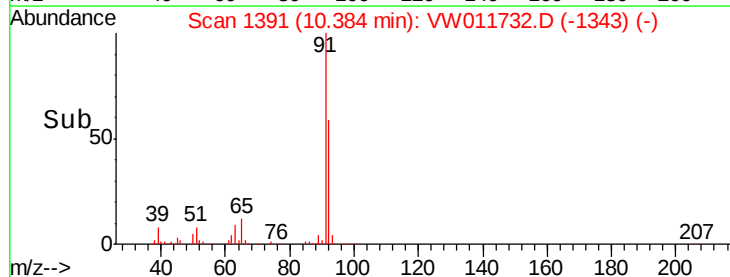
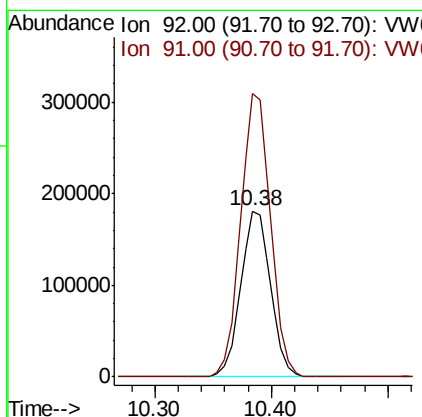
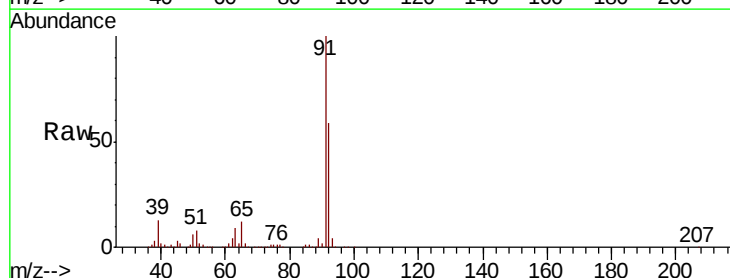
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

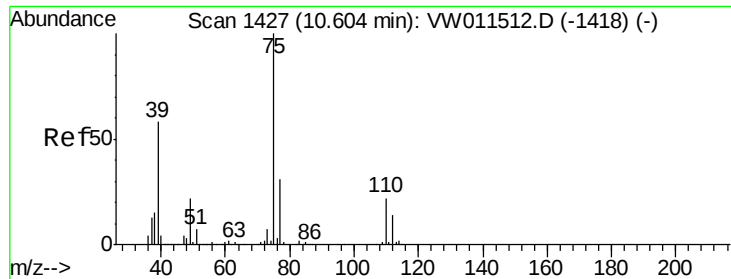
Tgt Ion: 43 Resp: 539410
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.2 42.2



#52
 Toluene
 Concen: 51.294 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 92 Resp: 322463
 Ion Ratio Lower Upper
 92 100
 91 171.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 50.679 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

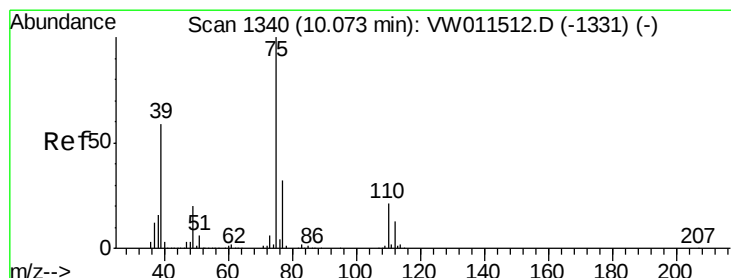
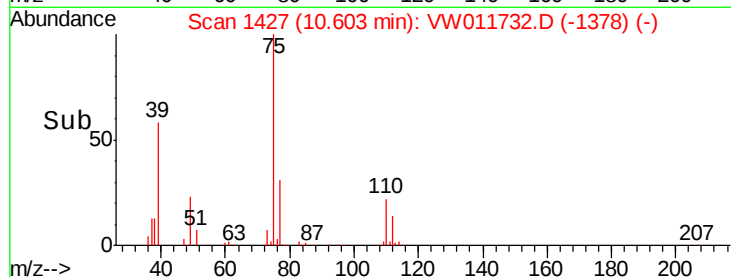
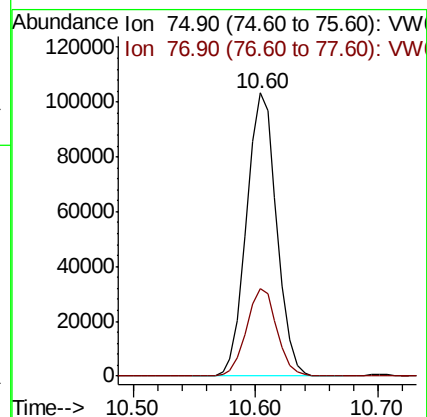
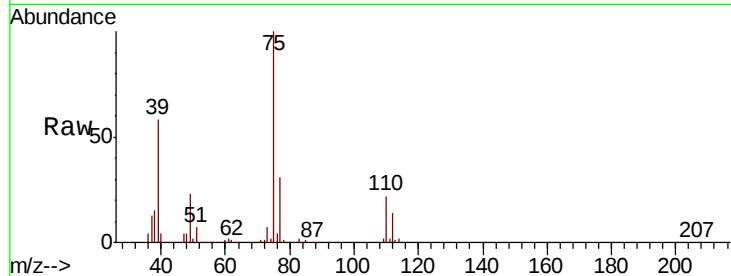
VSTDCCC050EC

Tgt Ion: 75 Resp: 176542

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 50.382 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

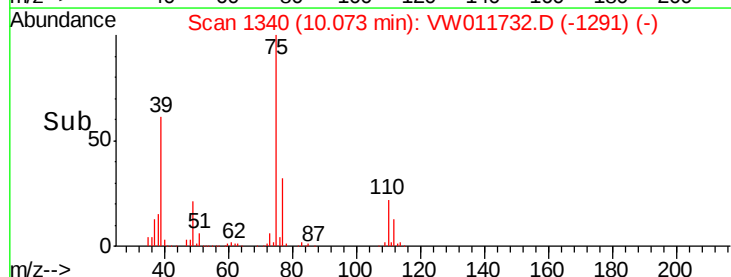
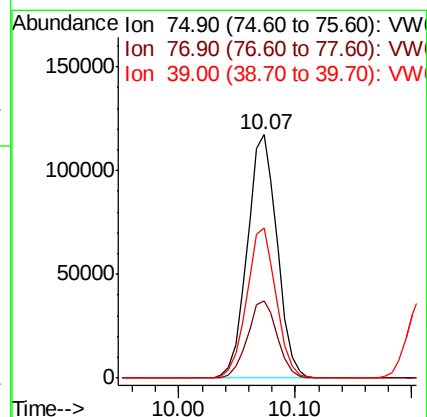
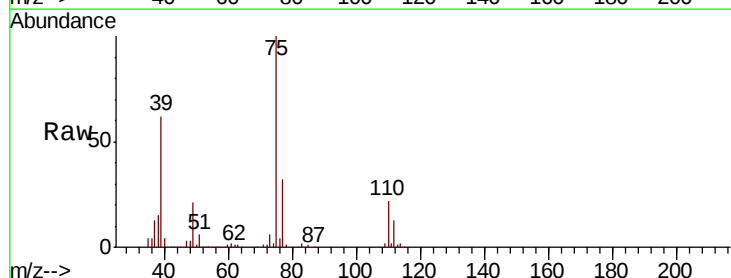
Tgt Ion: 75 Resp: 208677

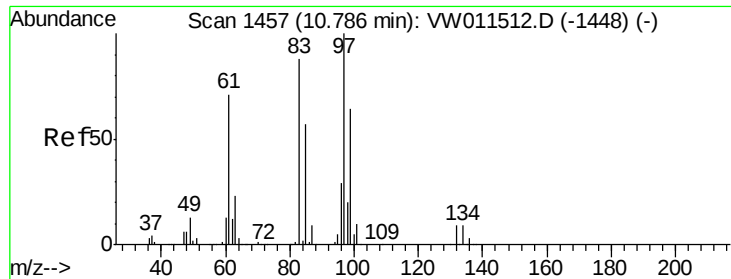
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 61.4 47.0 70.4

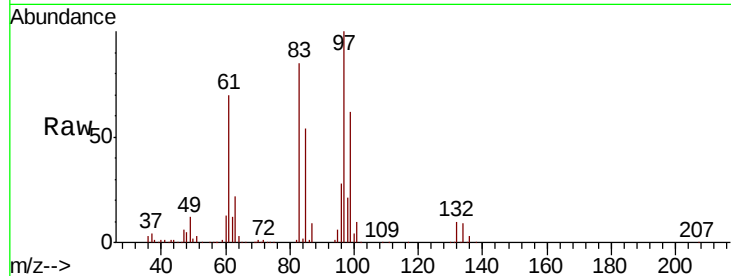




#55
 1,1,2-Trichloroethane
 Concen: 51.398 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	92710
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.5	105.7
85	54.3	45.8	68.6
99	62.5	51.0	76.4



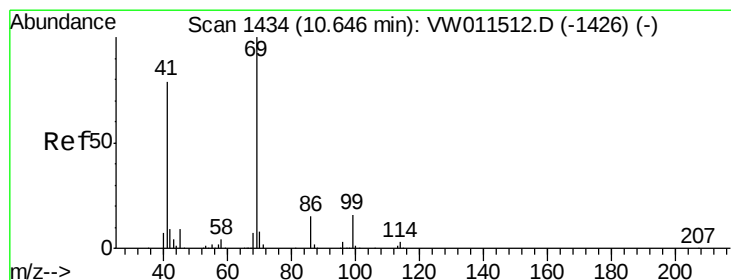
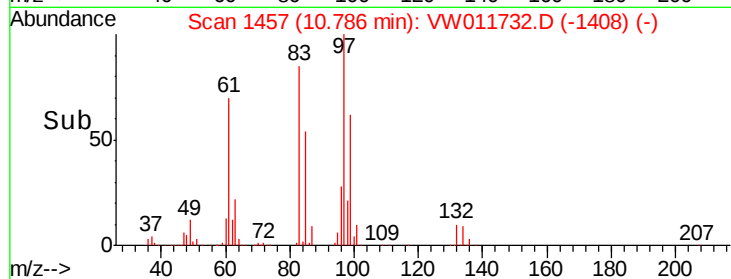
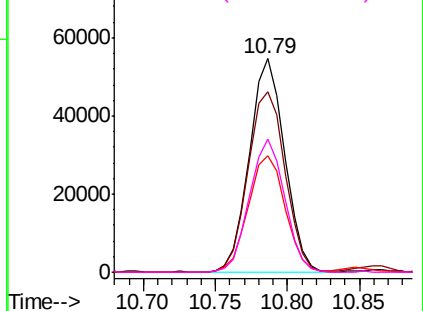
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

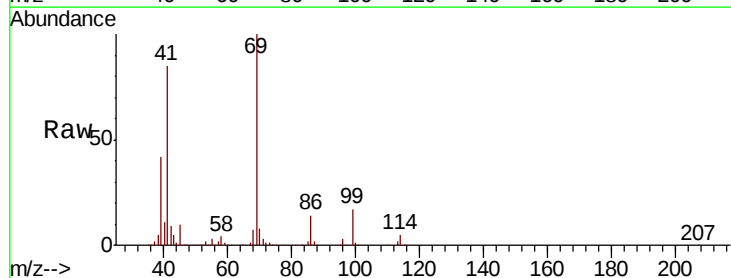
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 53.106 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion:	69	Resp:	140172
Ion	Ratio	Lower	Upper
69	100		
41	83.9	66.6	99.8
39	37.6	30.3	45.5

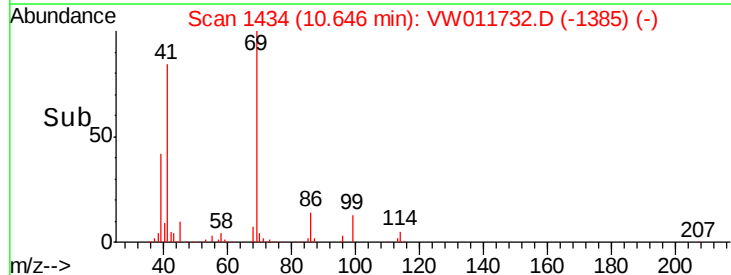
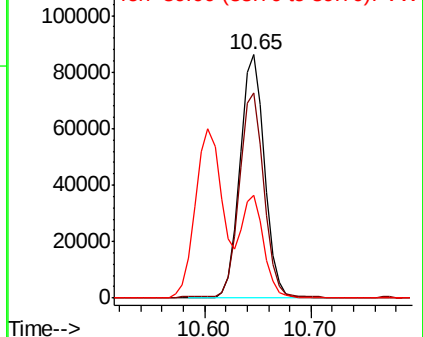


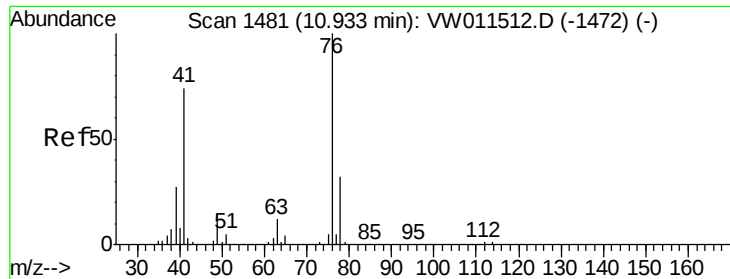
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

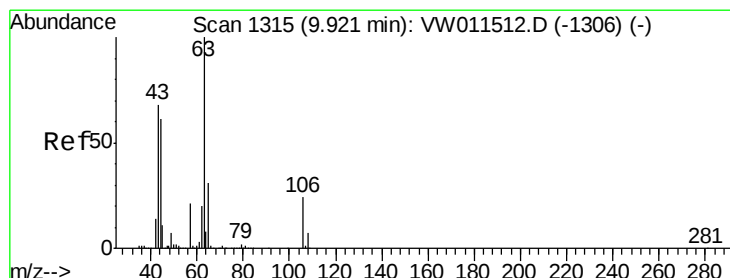
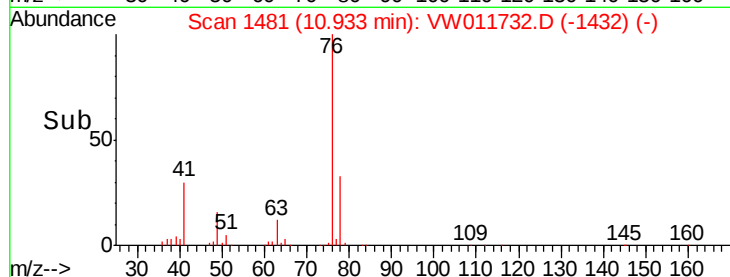
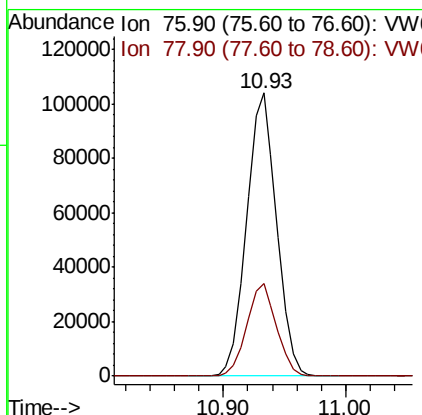
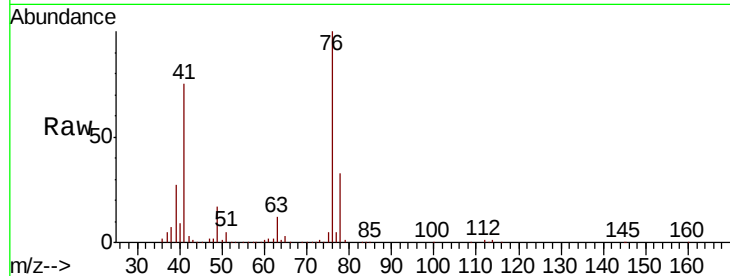




#57
 1,3-Dichloropropane
 Concen: 51.878 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

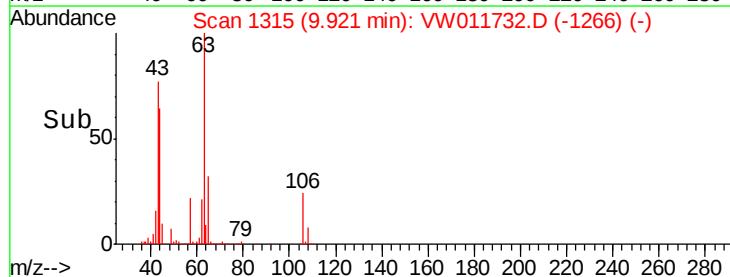
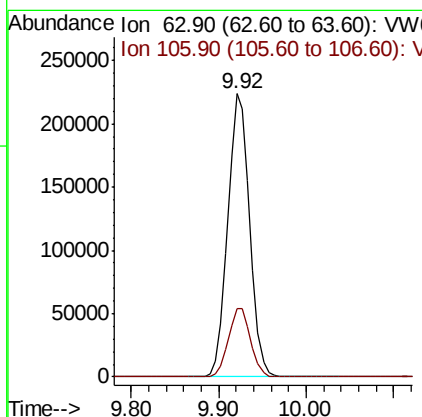
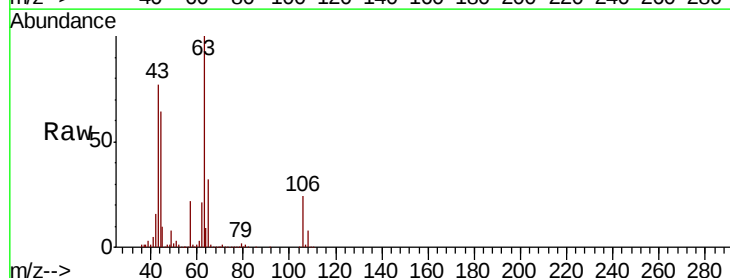
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 177035
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 322.890 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 63 Resp: 386961
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.7 29.5

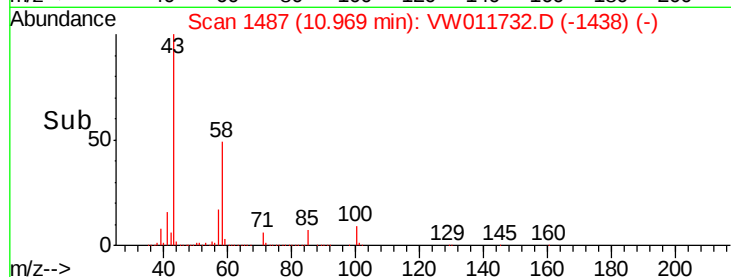
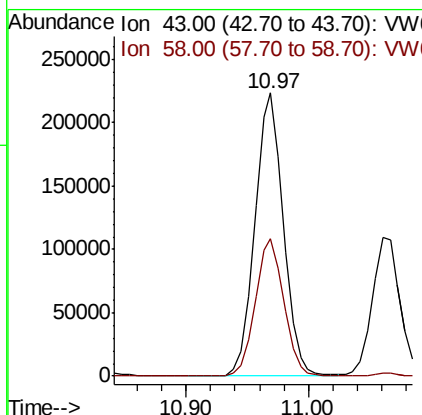
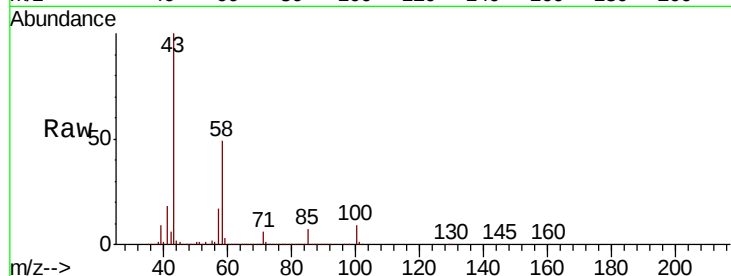




#59
2-Hexanone
Concen: 250.771 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

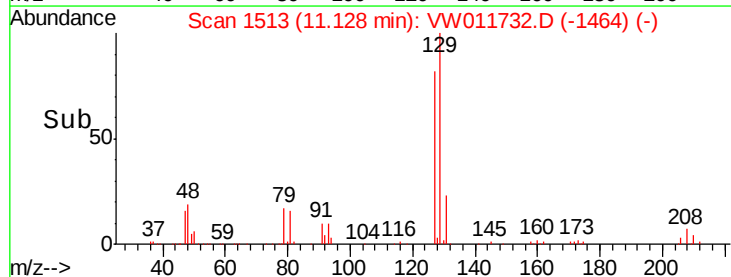
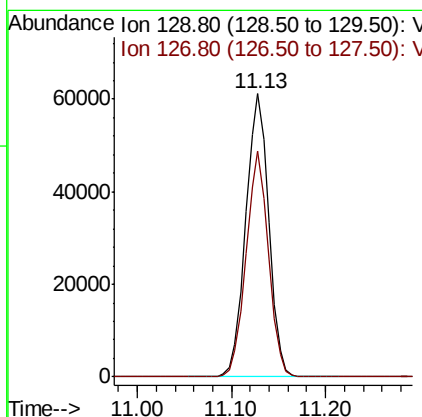
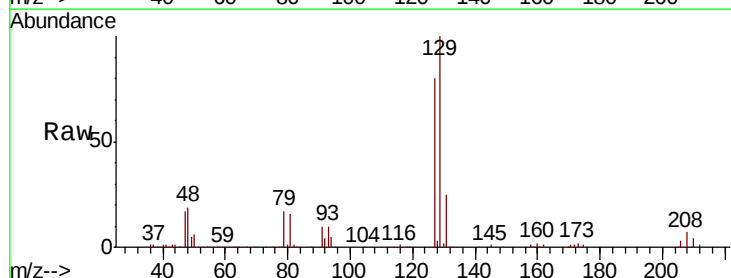
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

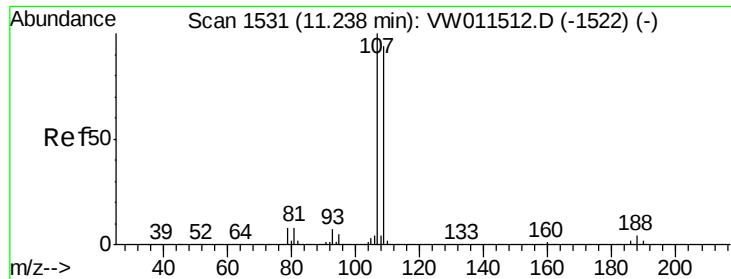
Tgt Ion: 43 Resp: 362151
Ion Ratio Lower Upper
43 100
58 48.8 24.3 72.9



#60
Dibromochloromethane
Concen: 52.395 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion: 129 Resp: 104905
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

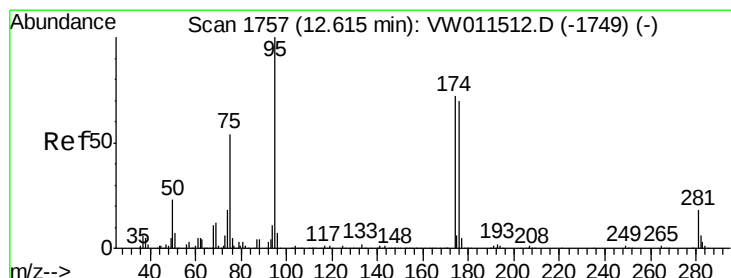
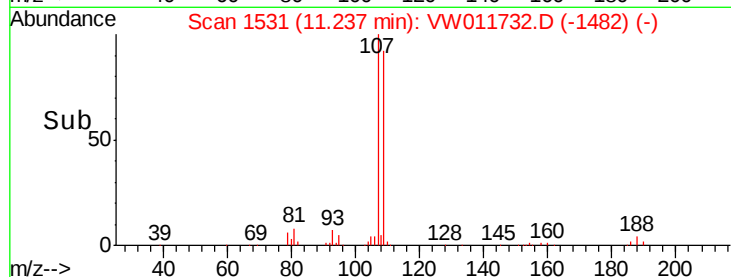
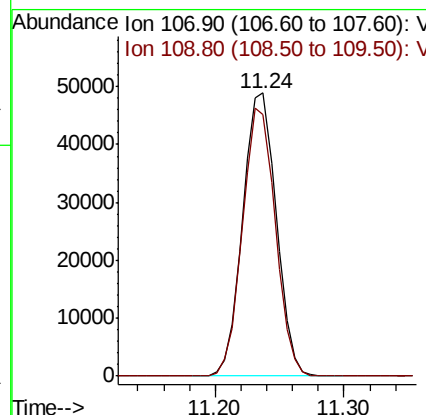
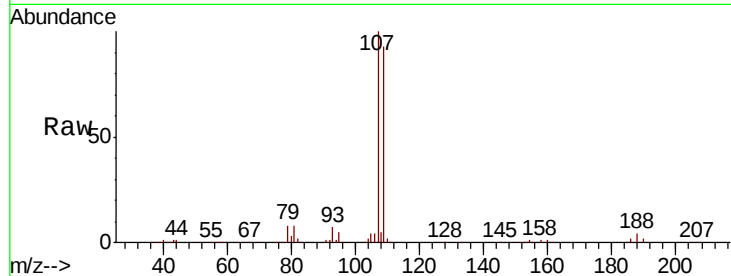




#61
 1,2-Dibromoethane
 Concen: 51.575 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

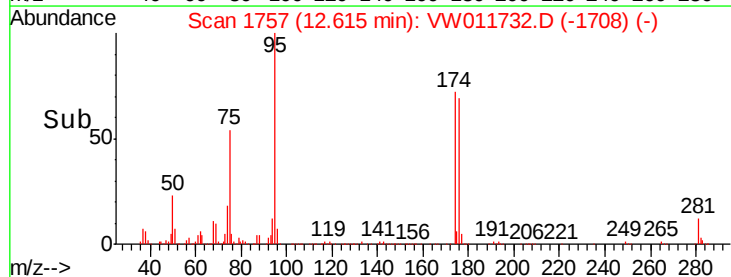
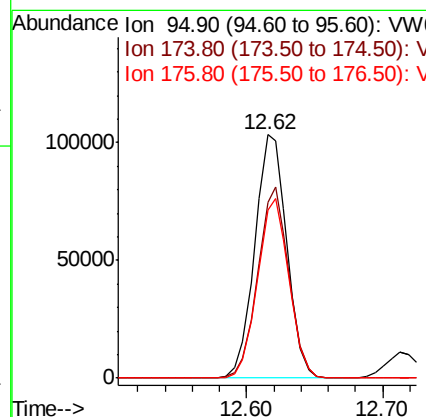
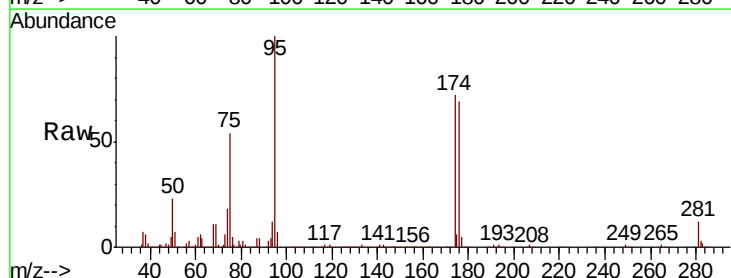
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

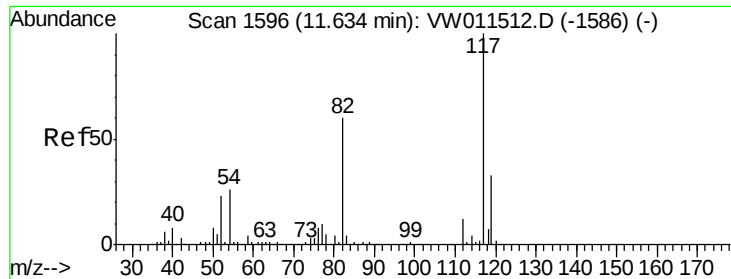
Tgt Ion: 107 Resp: 88037
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 58.177 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 95 Resp: 170279
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 150.2
 176 72.8 0.0 144.4

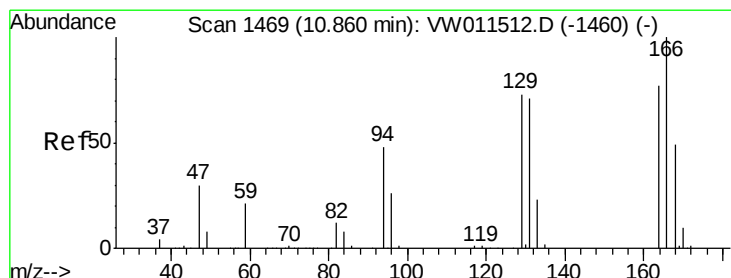
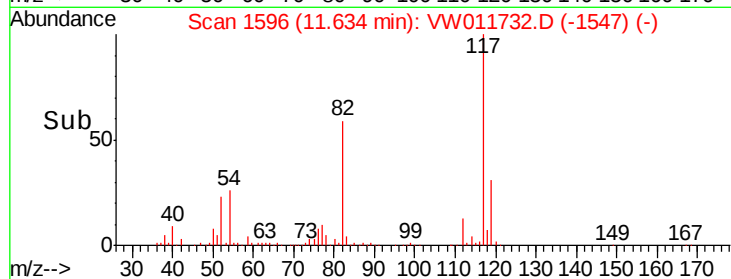
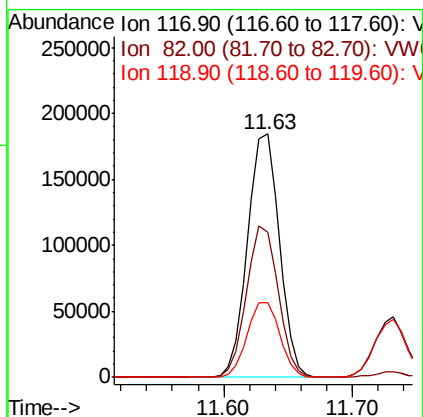
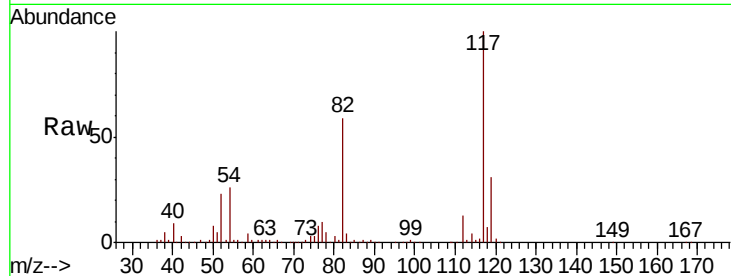




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

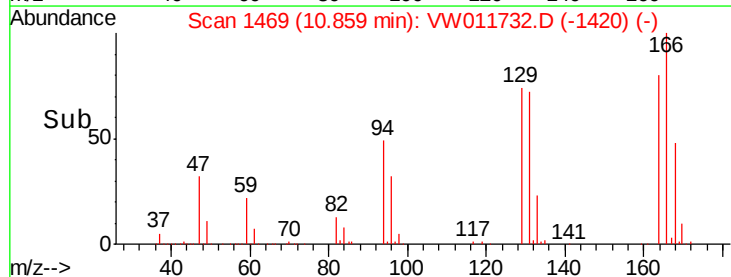
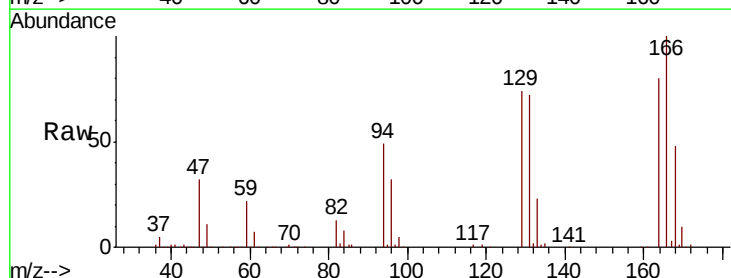
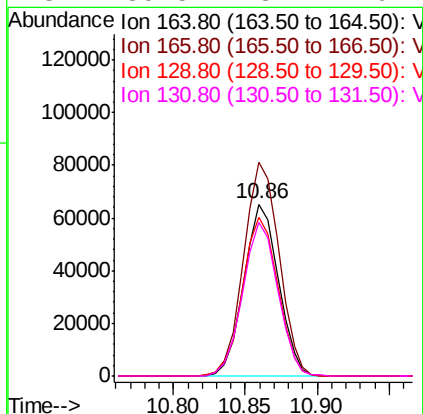
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

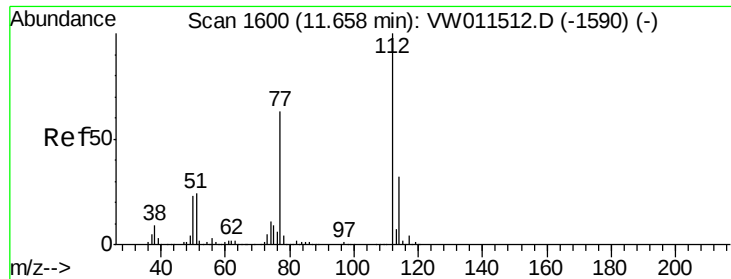
Tgt Ion:117 Resp: 315320
Ion Ratio Lower Upper
117 100
82 59.4 47.9 71.9
119 30.8 26.2 39.2



#64
Tetrachloroethene
Concen: 52.761 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion:164 Resp: 108323
Ion Ratio Lower Upper
164 100
166 124.3 103.5 155.3
129 92.0 75.2 112.8
131 89.5 73.4 110.2

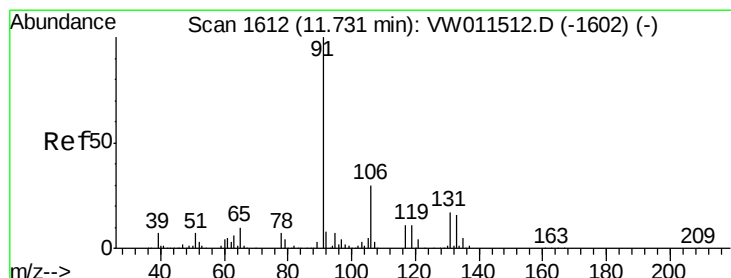
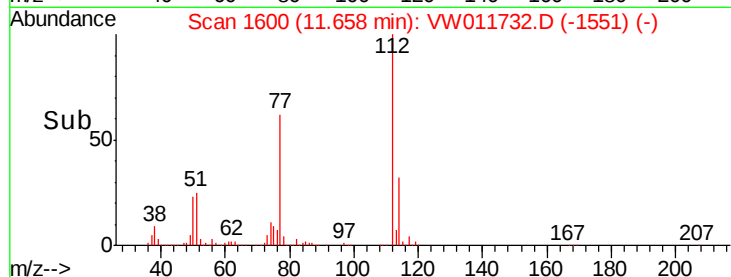
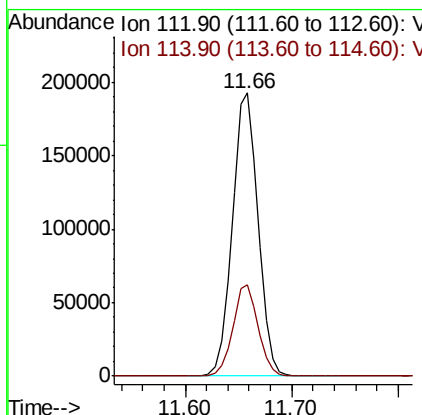
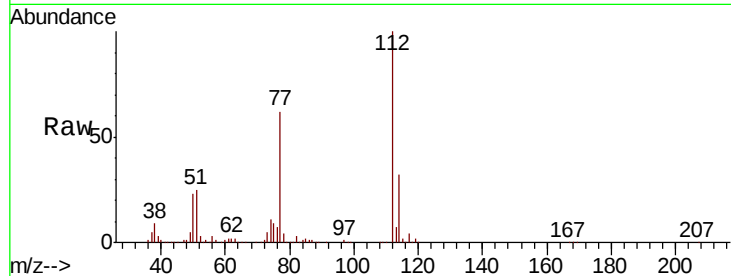




#65
Chlorobenzene
Concen: 51.294 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

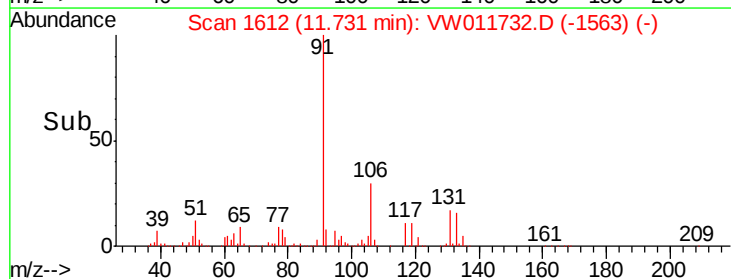
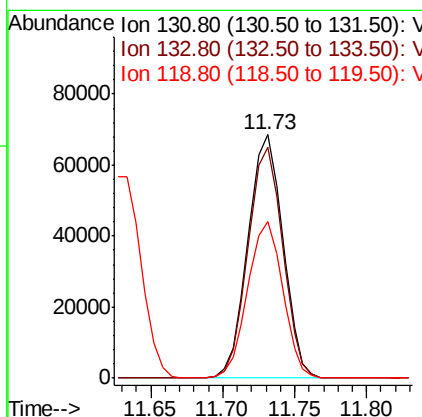
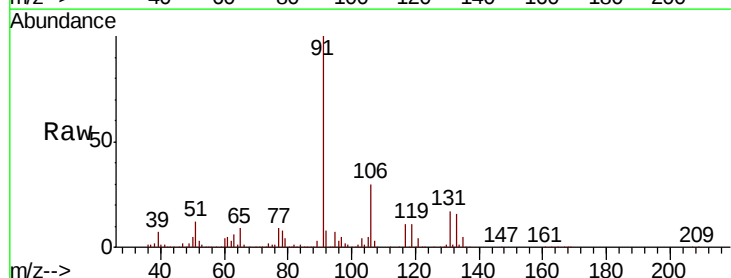
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 325175
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.317 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion:131 Resp: 115524
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.2
119 64.7 32.3 96.9

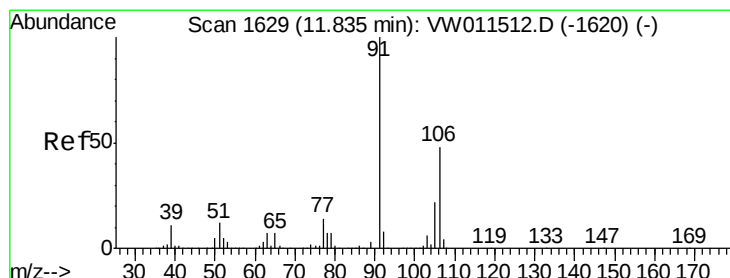
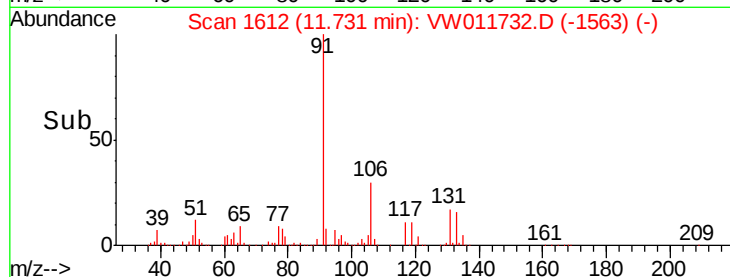
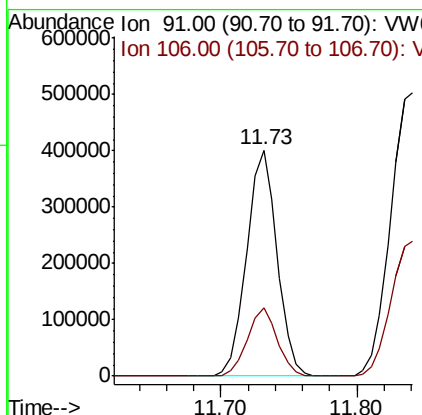
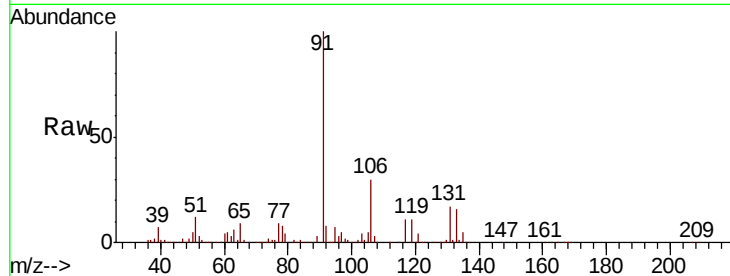




#67
Ethyl Benzene
Concen: 52.029 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

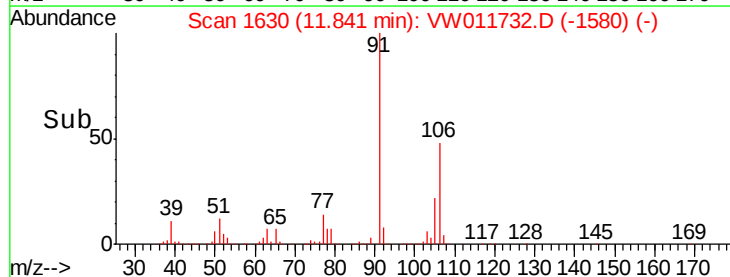
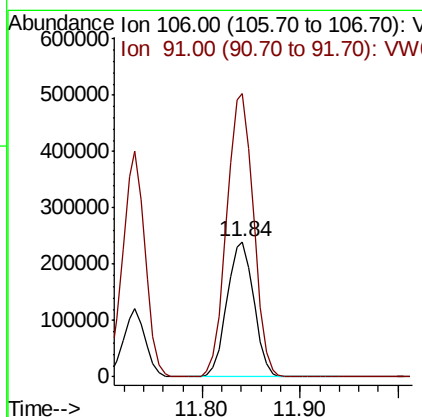
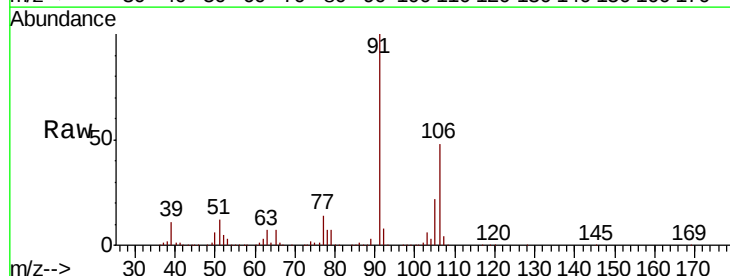
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 628182
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 103.356 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion: 106 Resp: 453819
Ion Ratio Lower Upper
106 100
91 210.2 168.2 252.2

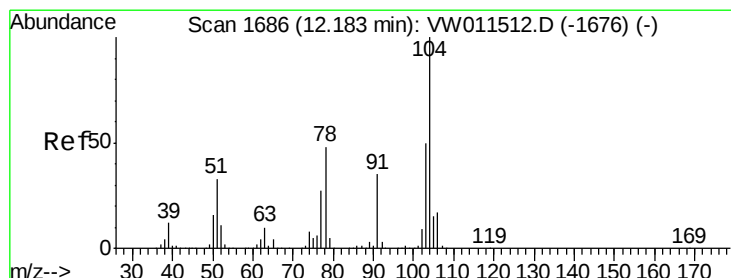
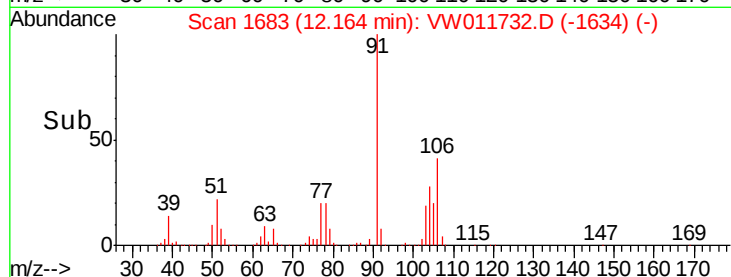
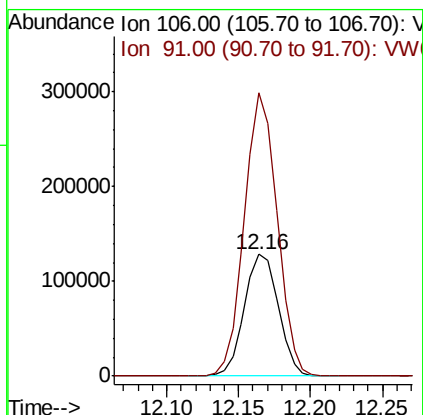
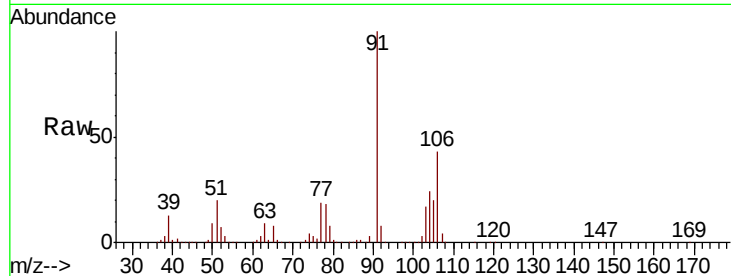




#69
o-Xylene
Concen: 51.701 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

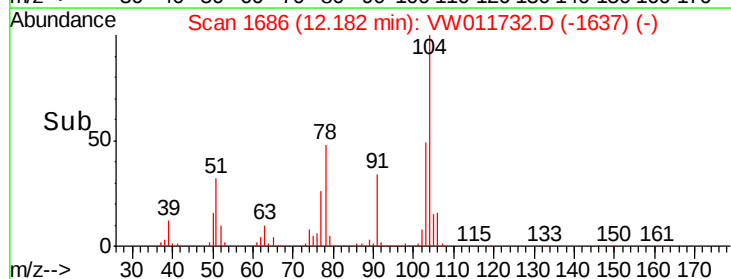
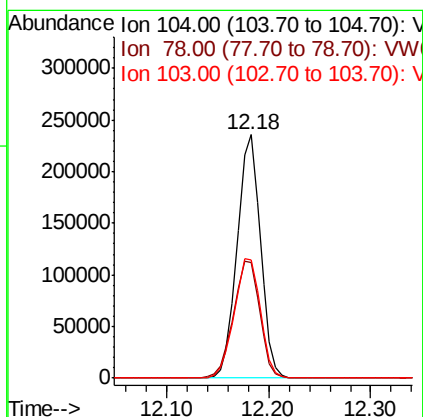
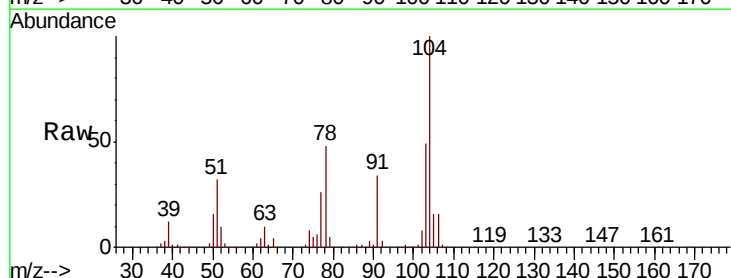
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

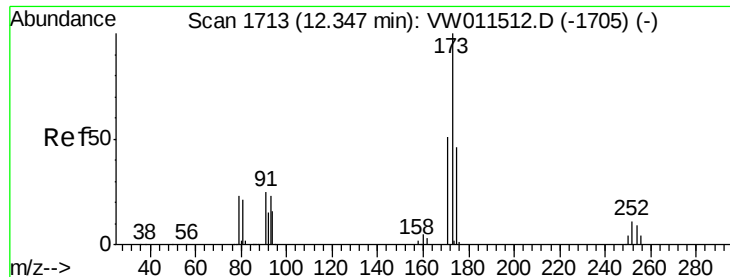
Tgt Ion:106 Resp: 210950
Ion Ratio Lower Upper
106 100
91 223.8 110.5 331.5



#70
Styrene
Concen: 52.712 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion:104 Resp: 371872
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.0
103 55.0 43.9 65.9

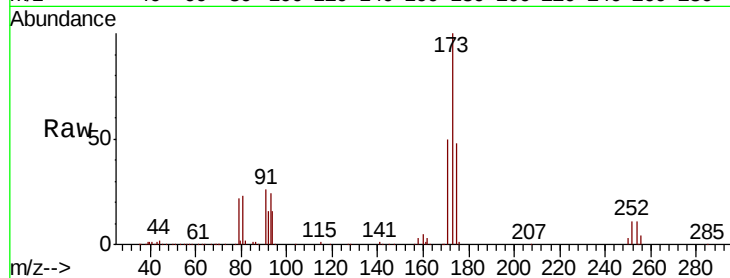




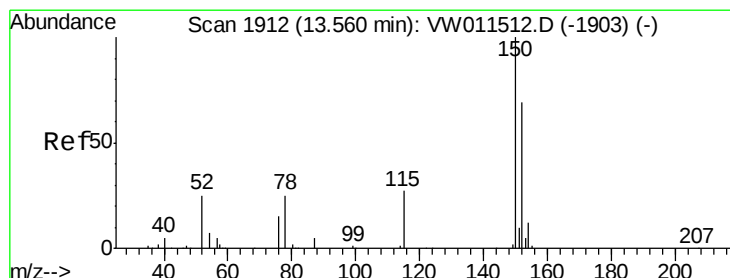
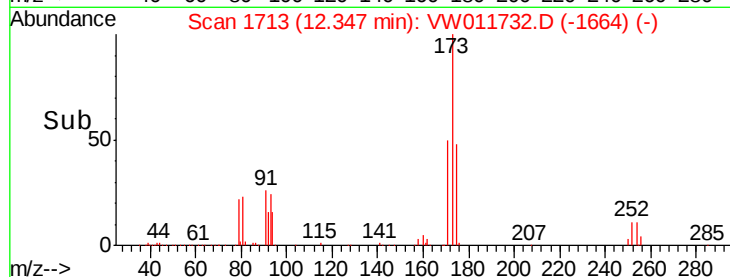
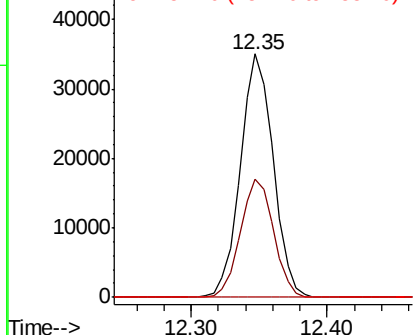
#71
Bromoform
Concen: 52.397 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 58992
Ion Ratio Lower Upper
173 100
175 49.1 23.6 71.0
254 0.1 0.1 0.1#

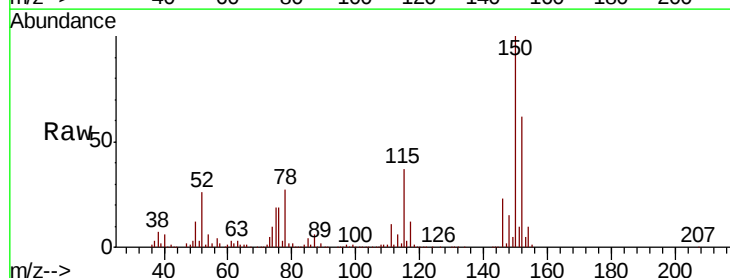


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

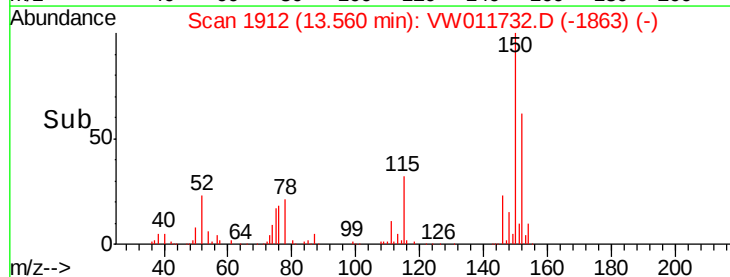
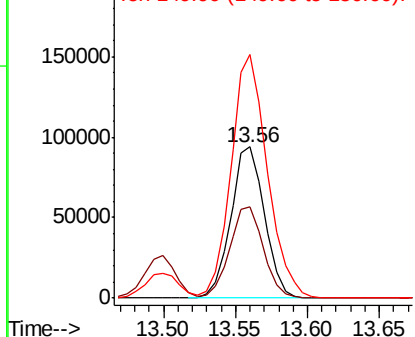


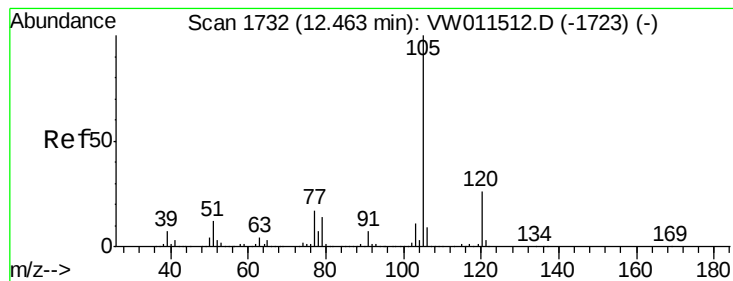
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion:152 Resp: 152812
Ion Ratio Lower Upper
152 100
115 60.7 30.5 91.5
150 173.4 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.628 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

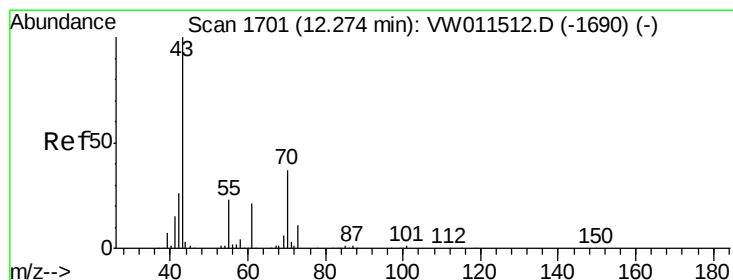
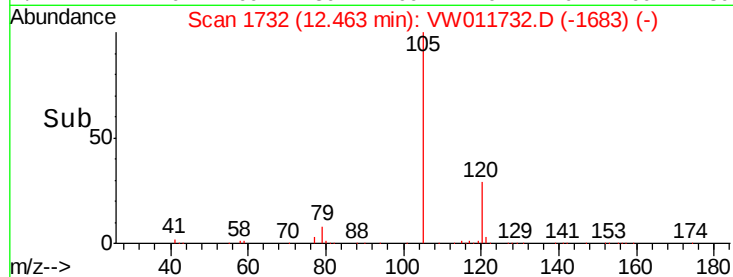
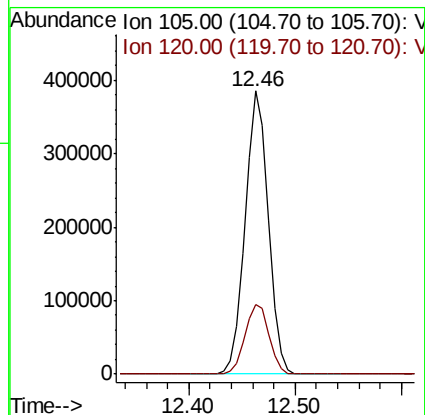
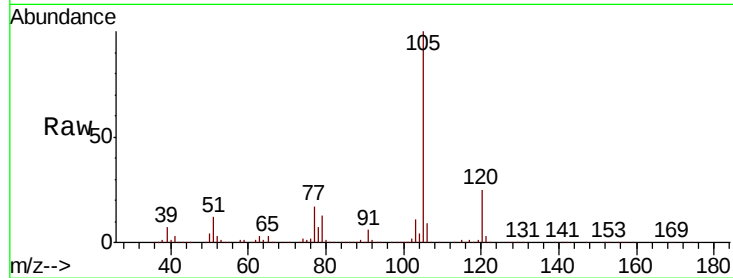
VSTDCCC050EC

Tgt Ion:105 Resp: 588563

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#74

N-ethyl acetate

Concen: 52.425 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Tgt Ion: 43 Resp: 187111

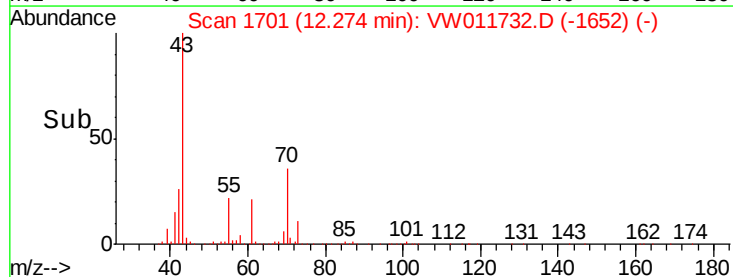
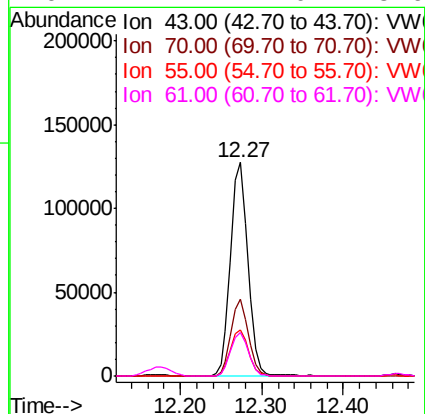
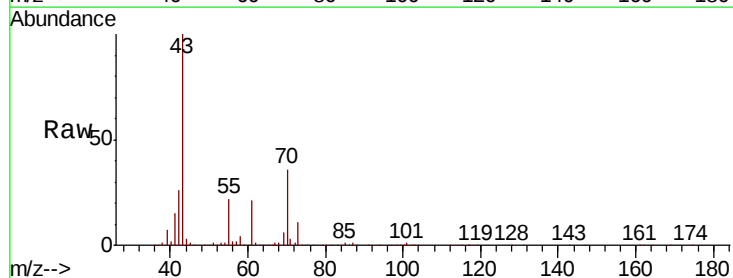
Ion Ratio Lower Upper

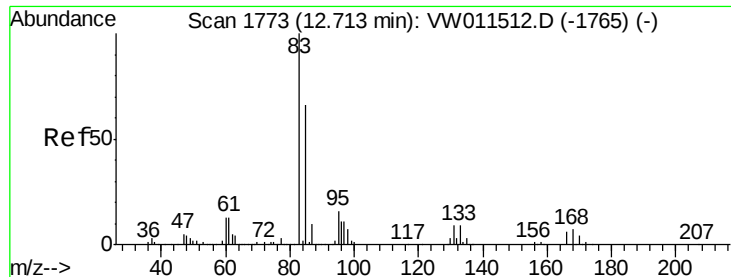
43 100

70 35.9 28.6 43.0

55 22.5 17.8 26.8

61 21.1 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.572 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

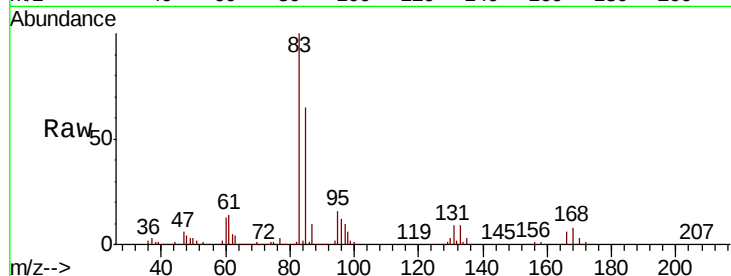
Tgt Ion: 83 Resp: 112733

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.6

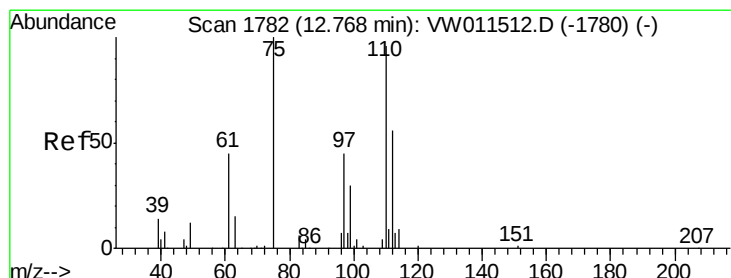
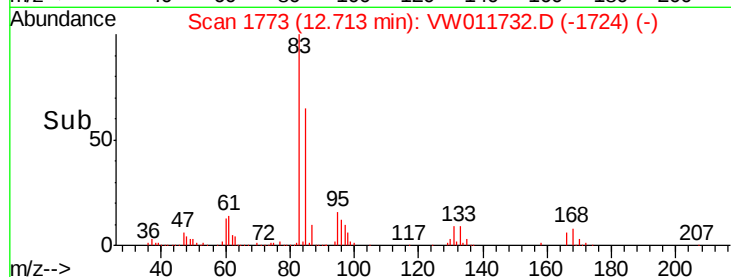
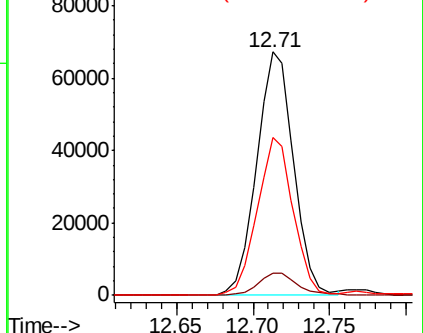
85 63.1 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.708 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011732.D

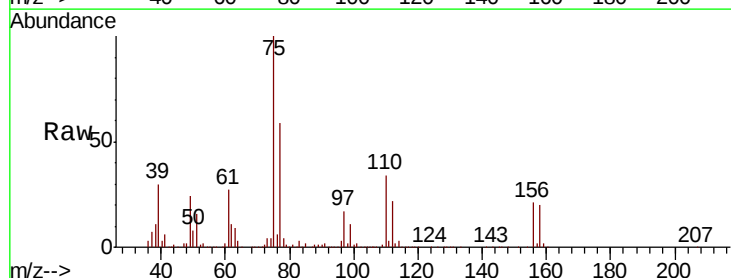
Acq: 06 Aug 2019 01:07

Tgt Ion: 75 Resp: 148285

Ion Ratio Lower Upper

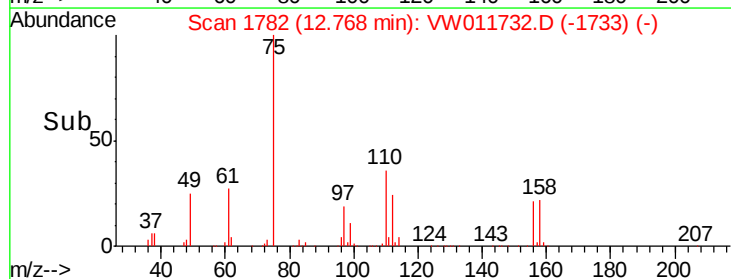
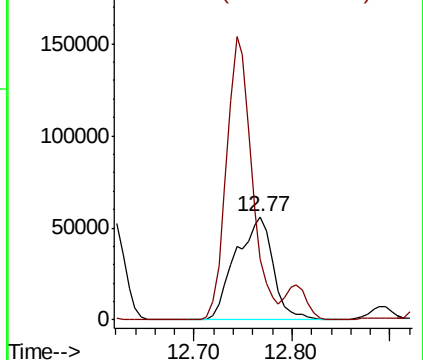
75 100

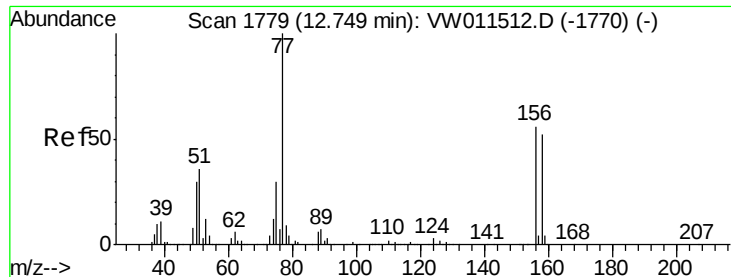
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.774 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

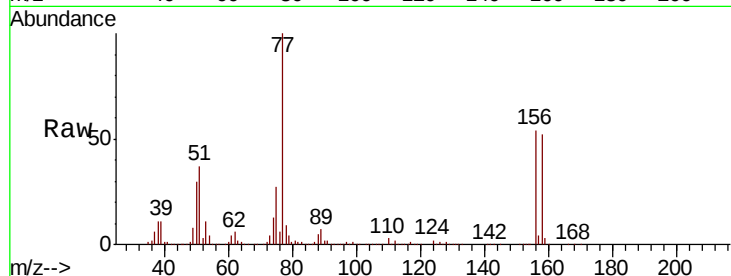
Tgt Ion:156 Resp: 130459

Ion Ratio Lower Upper

156 100

77 214.4 106.5 319.4

158 96.8 48.0 144.2

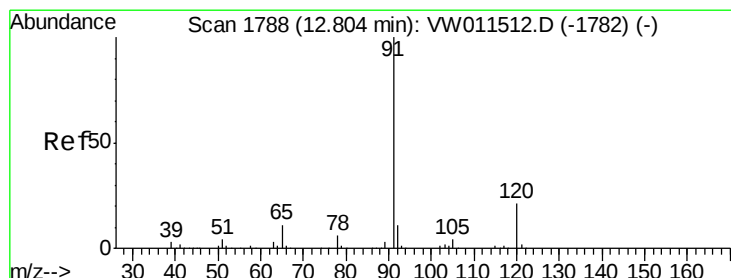
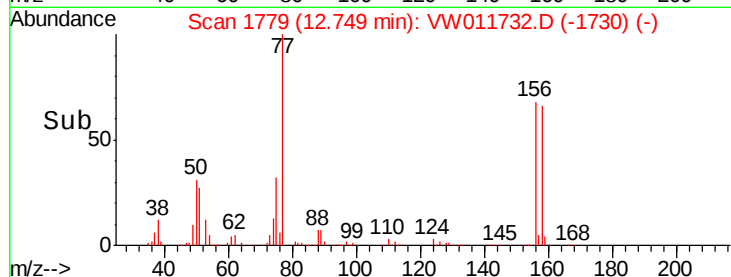
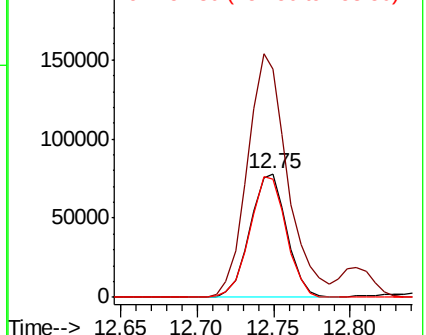


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.795 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011732.D

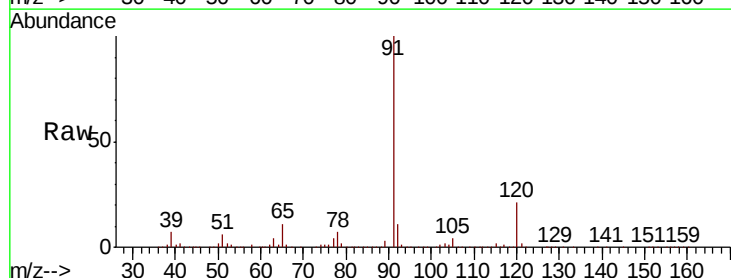
Acq: 06 Aug 2019 01:07

Tgt Ion: 91 Resp: 718604

Ion Ratio Lower Upper

91 100

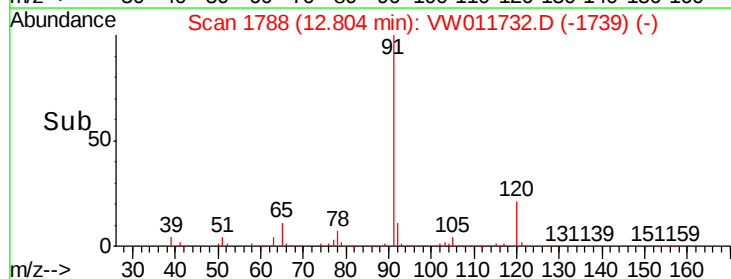
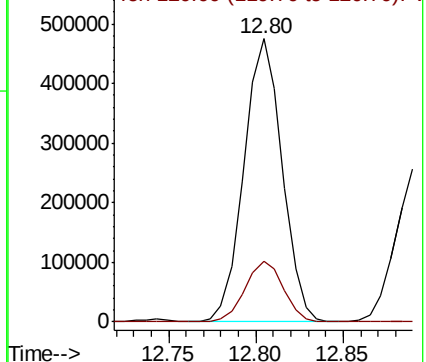
120 21.6 10.9 32.7

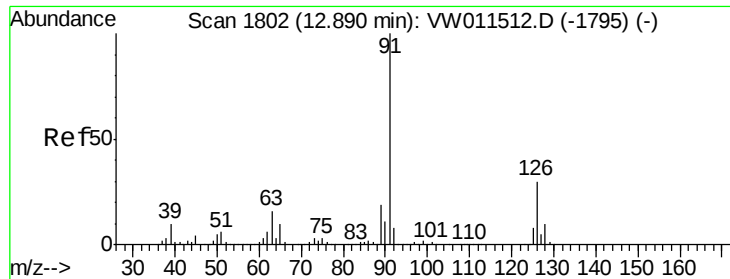


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.673 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

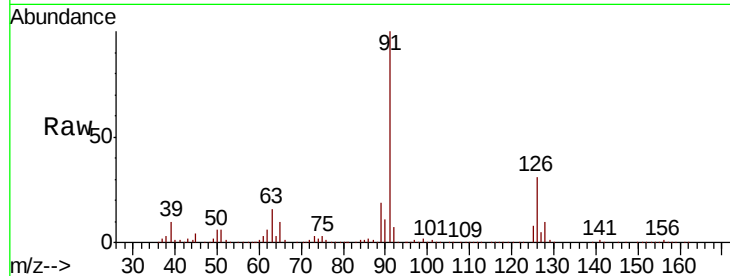
VSTDCCC050EC

Tgt Ion: 91 Resp: 413017

Ion Ratio Lower Upper

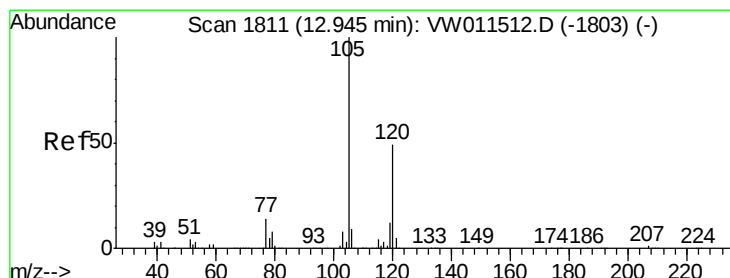
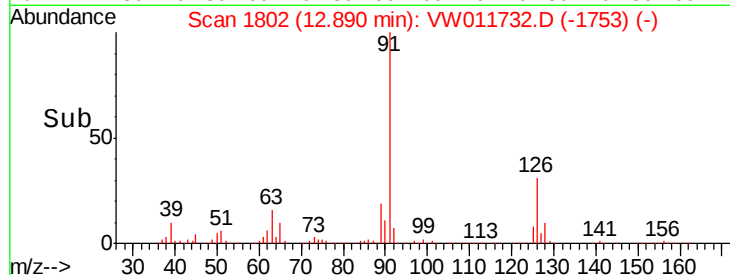
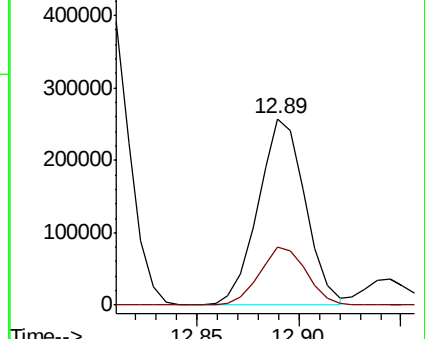
91 100

126 31.2 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.565 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011732.D

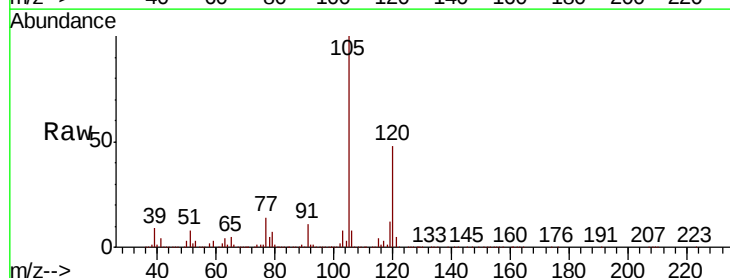
Acq: 06 Aug 2019 01:07

Tgt Ion:105 Resp: 502323

Ion Ratio Lower Upper

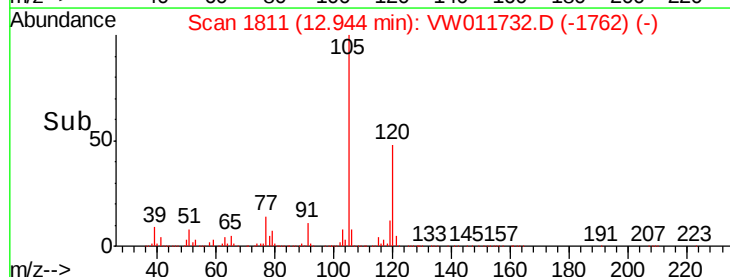
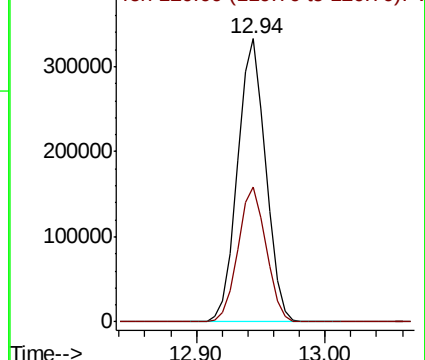
105 100

120 47.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.742 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

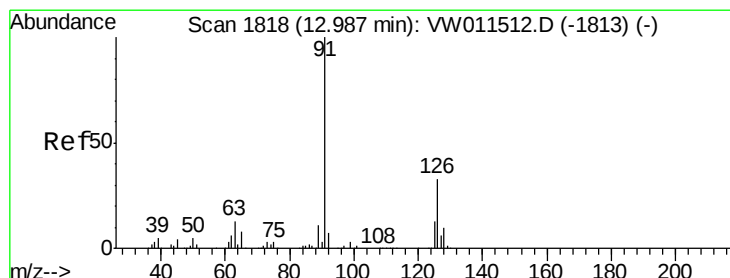
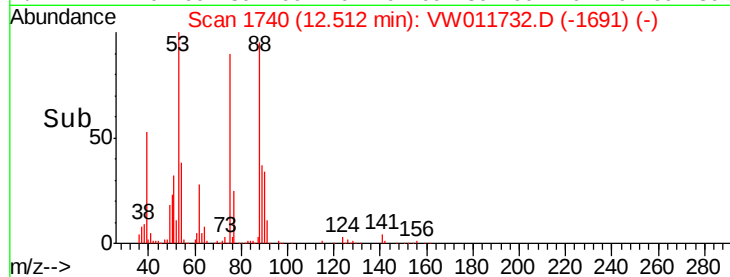
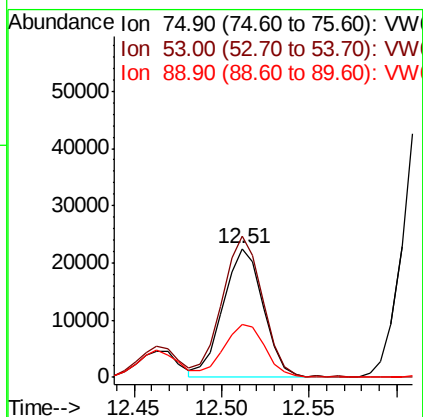
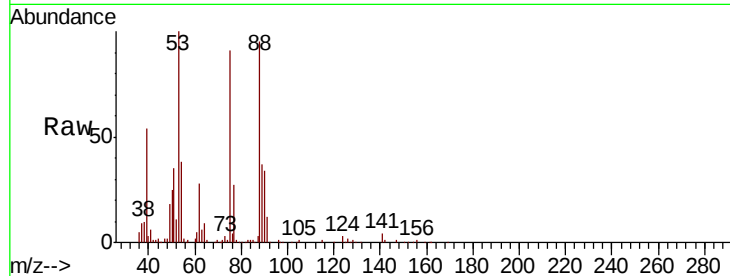
Tgt Ion: 75 Resp: 35600

Ion Ratio Lower Upper

75 100

53 109.4 88.0 132.0

89 42.1 35.3 52.9



#82

4-Chlorotoluene

Concen: 51.348 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011732.D

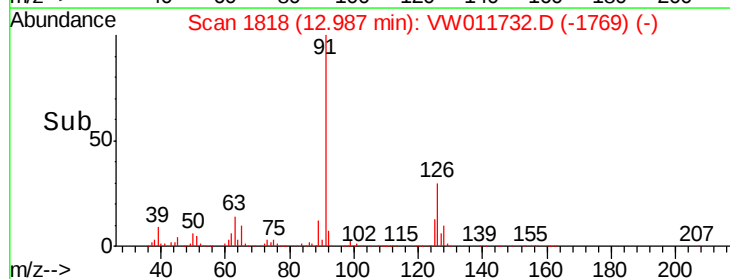
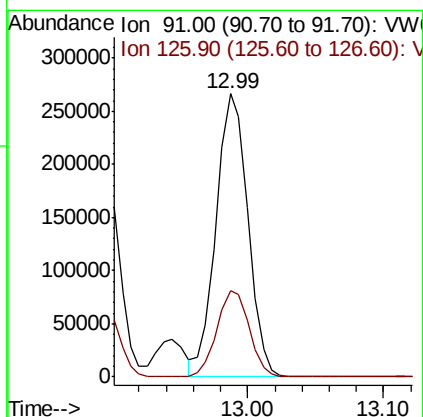
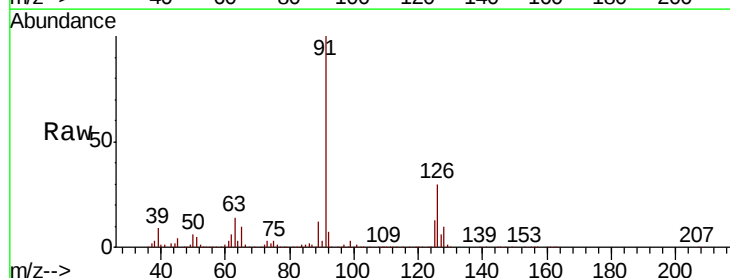
Acq: 06 Aug 2019 01:07

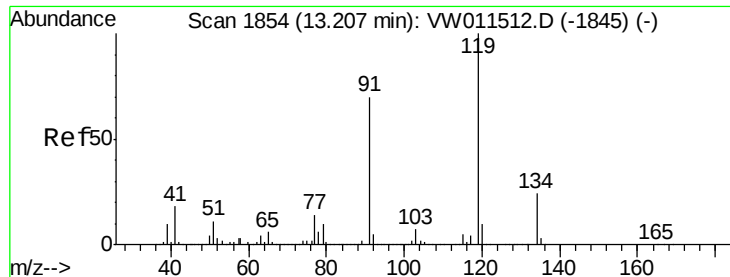
Tgt Ion: 91 Resp: 430615

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

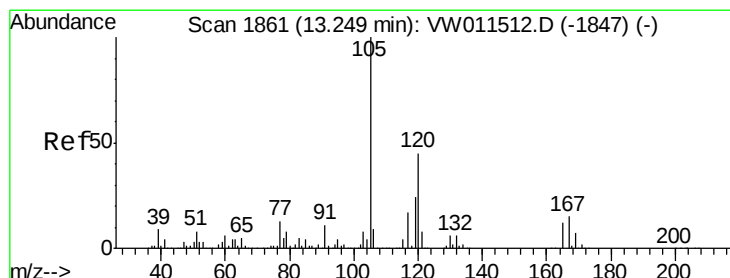
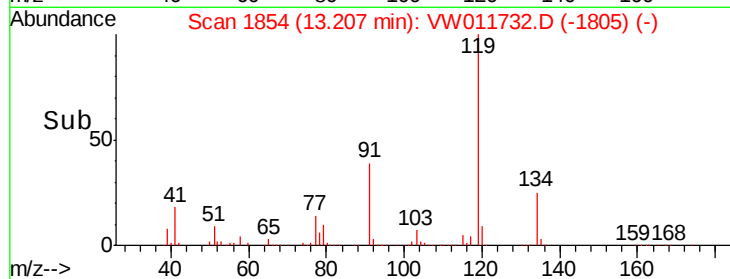
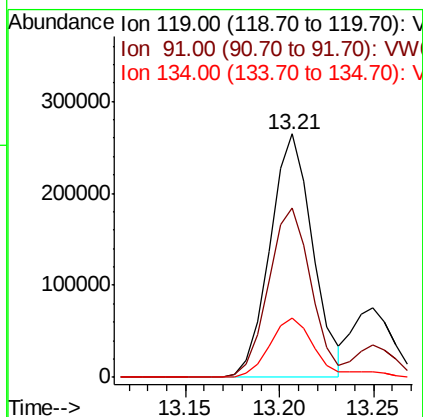
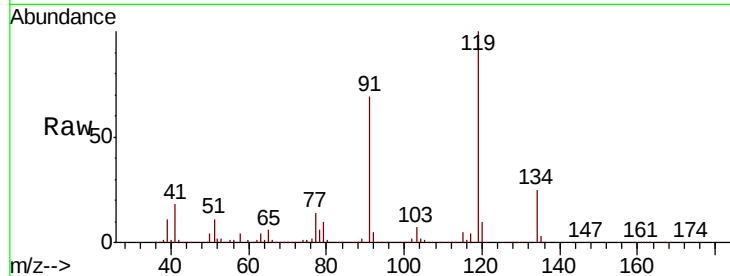




#83
tert-Butylbenzene
Concen: 52.099 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

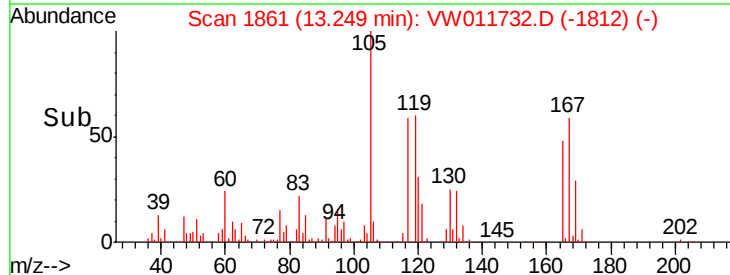
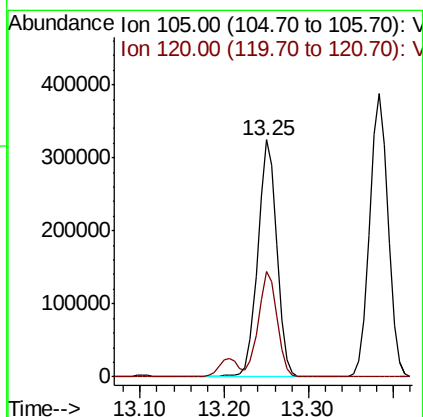
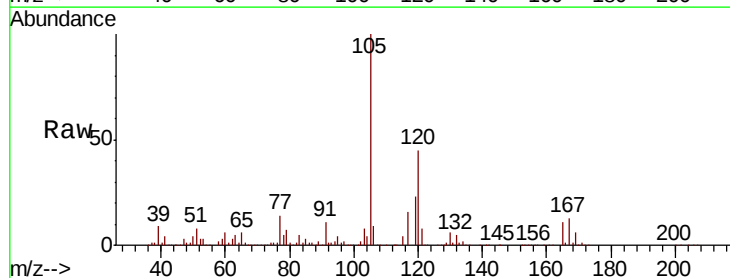
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

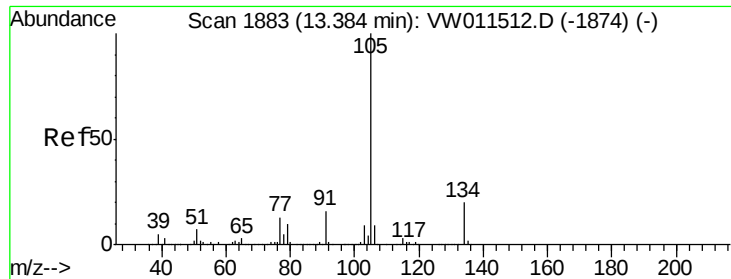
Tgt Ion:119 Resp: 416337
Ion Ratio Lower Upper
119 100
91 69.2 34.5 103.6
134 24.7 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 51.978 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion:105 Resp: 500367
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.5

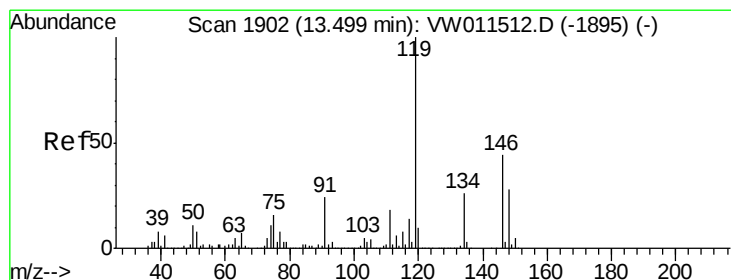
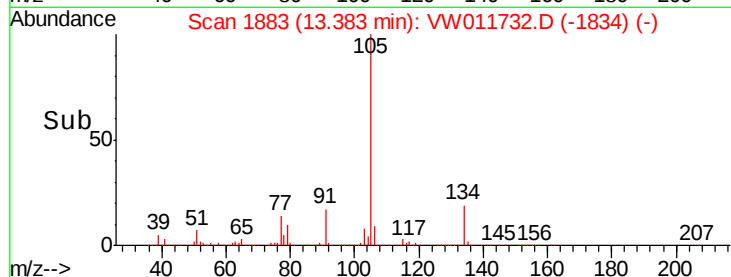
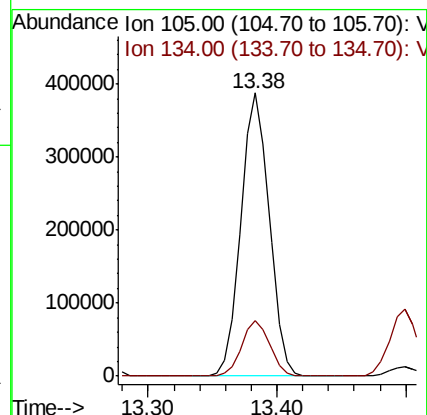
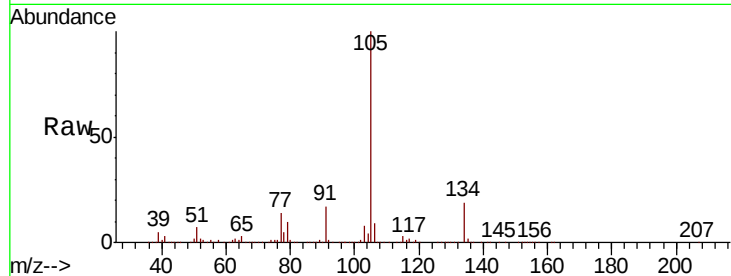




#85
 sec-Butylbenzene
 Concen: 51.792 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

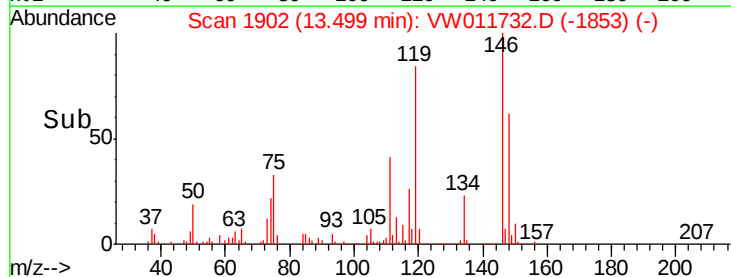
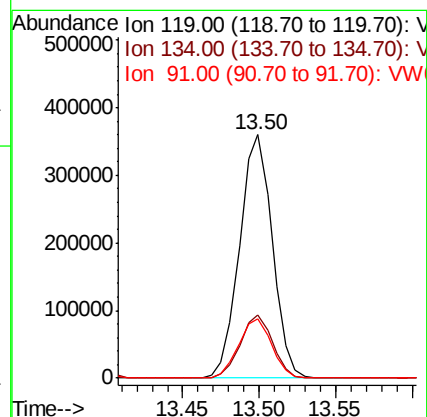
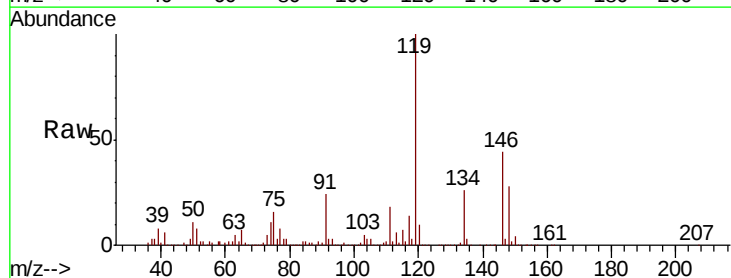
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

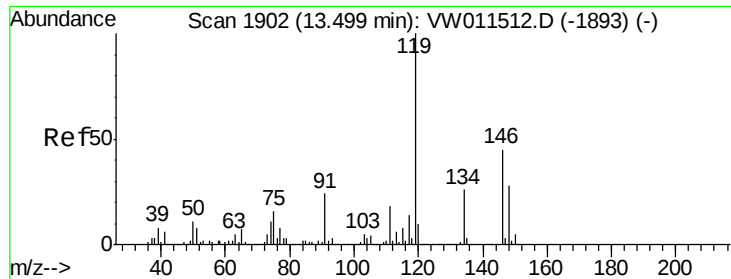
Tgt Ion:105 Resp: 590555
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 51.640 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion:119 Resp: 534257
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.022 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

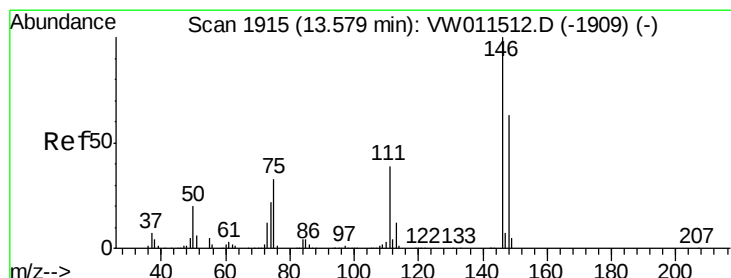
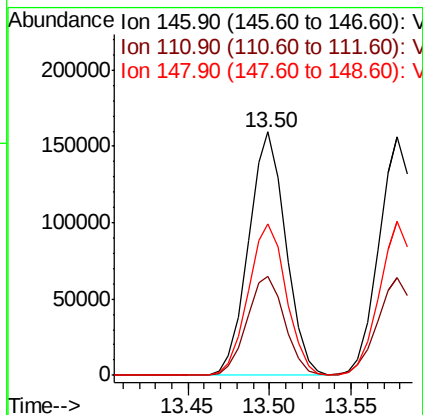
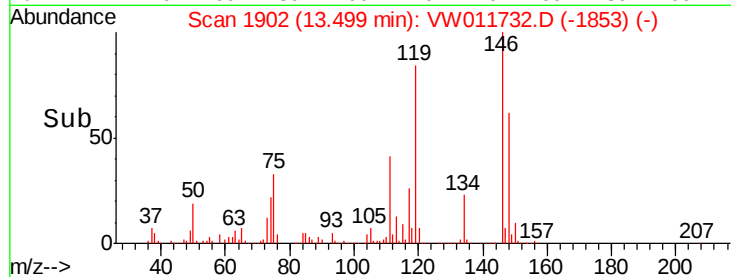
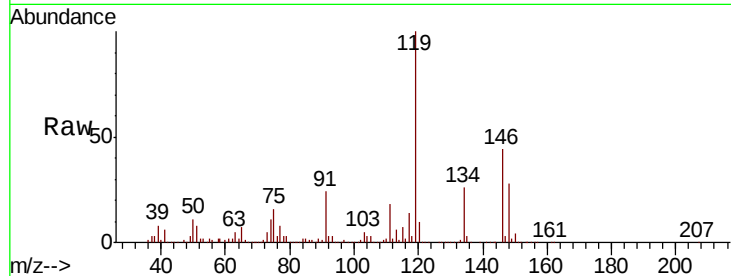
Tgt Ion:146 Resp: 252084

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.6

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.019 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW011732.D

Acq: 06 Aug 2019 01:07

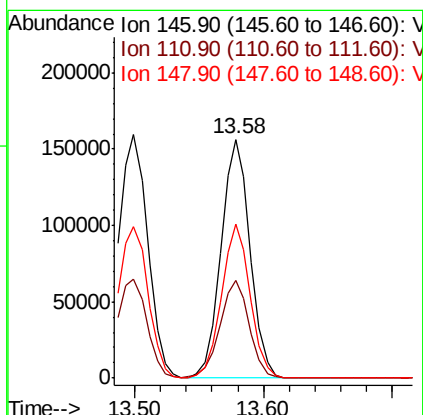
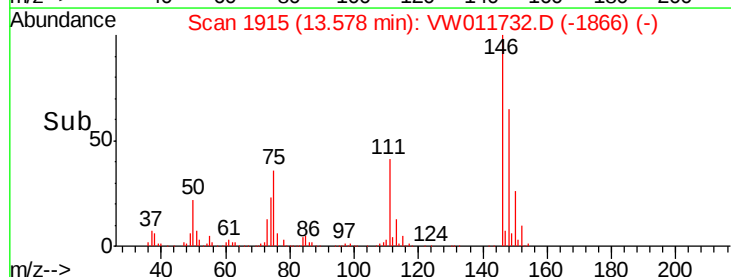
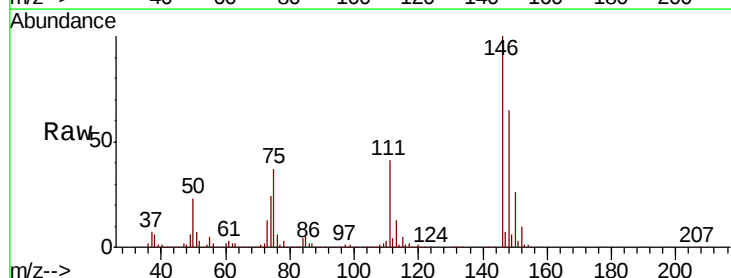
Tgt Ion:146 Resp: 245835

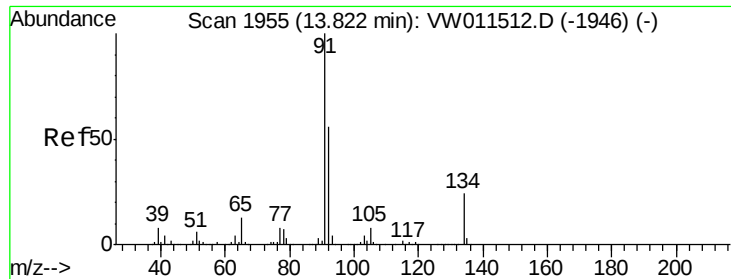
Ion Ratio Lower Upper

146 100

111 41.2 20.1 60.2

148 63.9 31.9 95.9

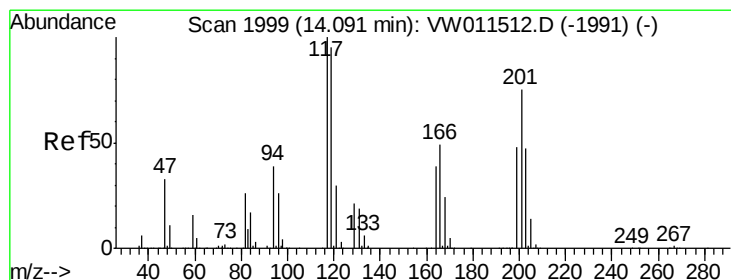
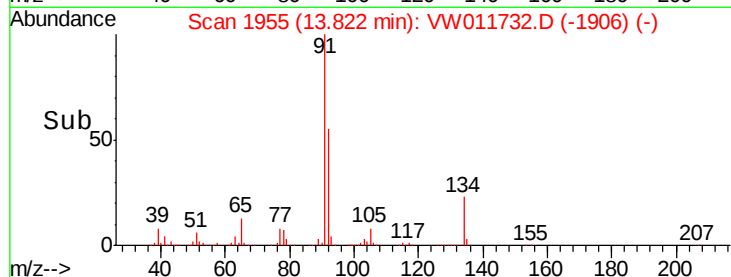
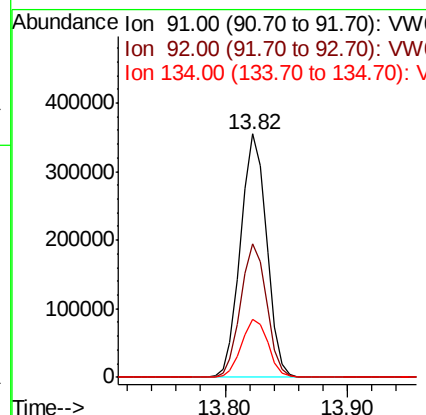
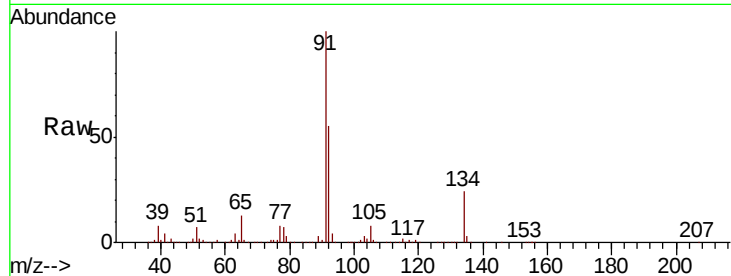




#89
n-Butylbenzene
Concen: 50.680 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

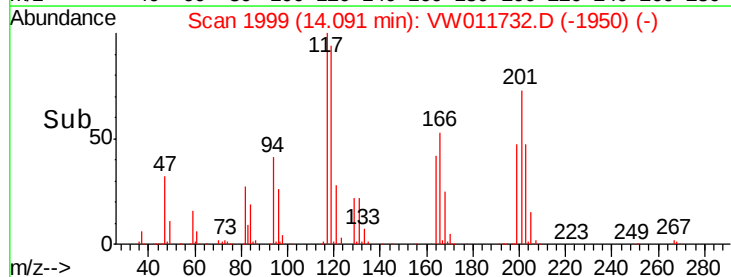
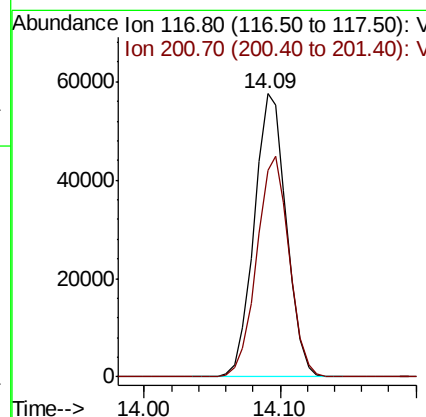
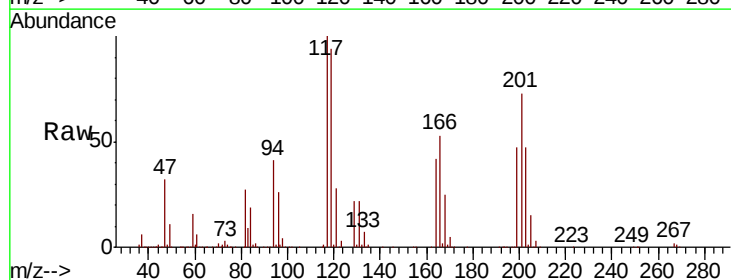
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

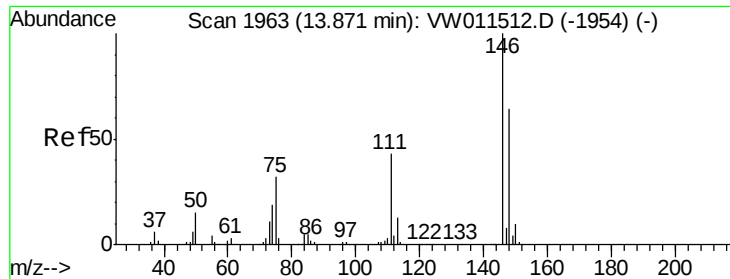
Tgt Ion: 91 Resp: 523243
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.4
134 24.1 12.2 36.6



#90
Hexachloroethane
Concen: 52.210 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion: 117 Resp: 95514
Ion Ratio Lower Upper
117 100
201 78.5 39.4 118.2

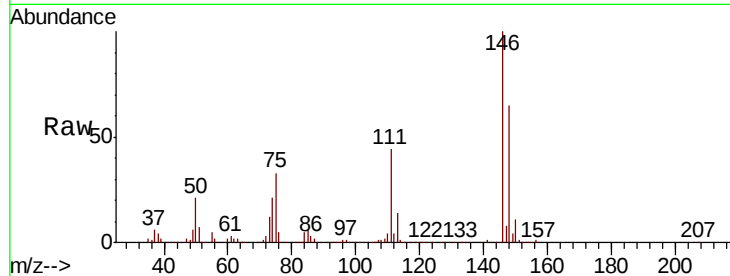




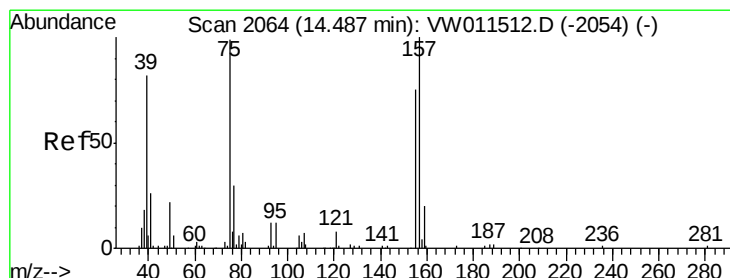
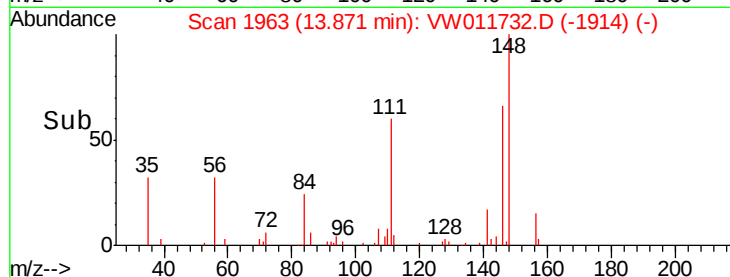
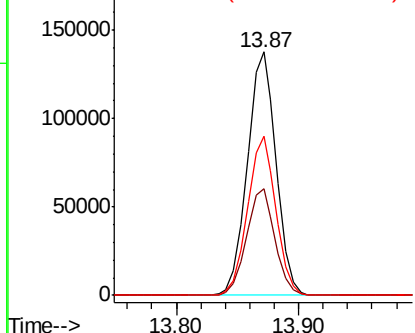
#91
 1,2-Dichlorobenzene
 Concen: 51.302 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 224180
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 65.0
 148 64.2 32.0 96.2

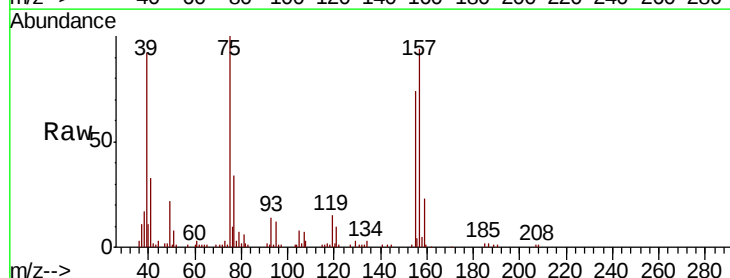


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

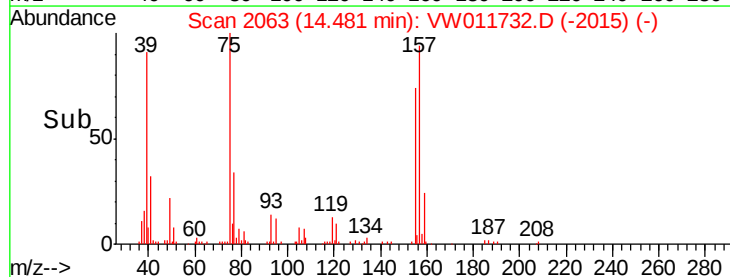
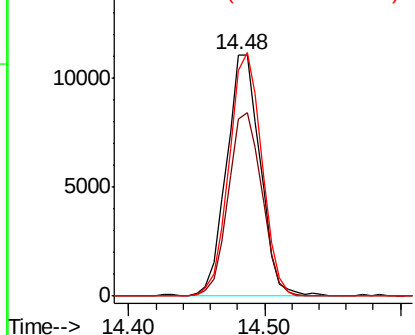


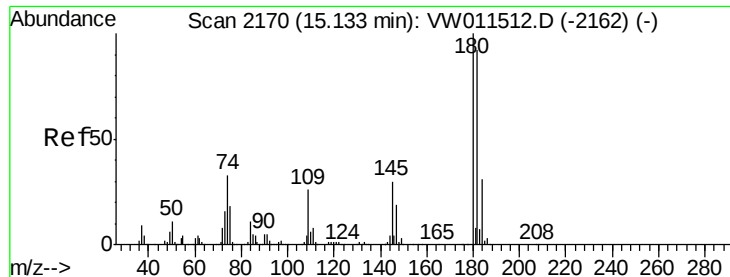
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.269 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion: 75 Resp: 19113
 Ion Ratio Lower Upper
 75 100
 155 75.7 38.2 114.6
 157 97.8 48.9 146.7



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

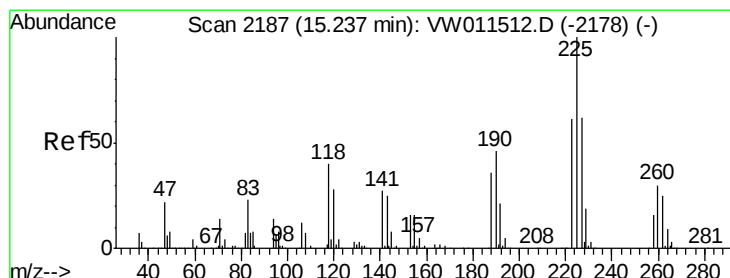
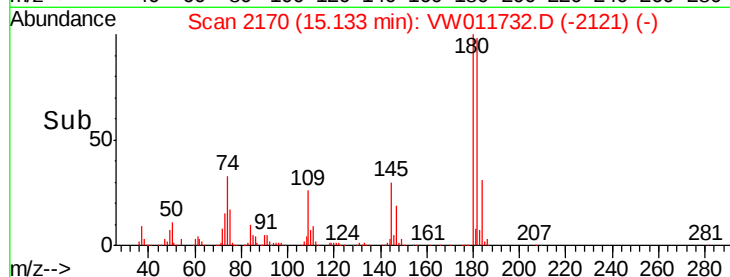
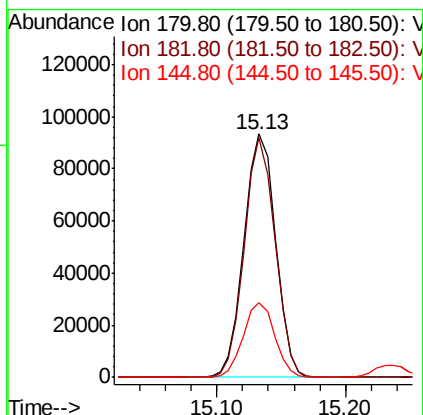
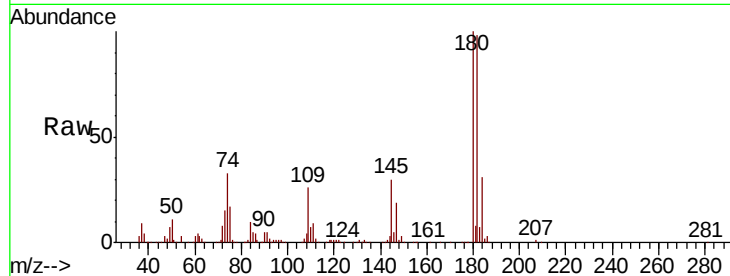




#93
 1,2,4-Trichlorobenzene
 Concen: 51.380 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

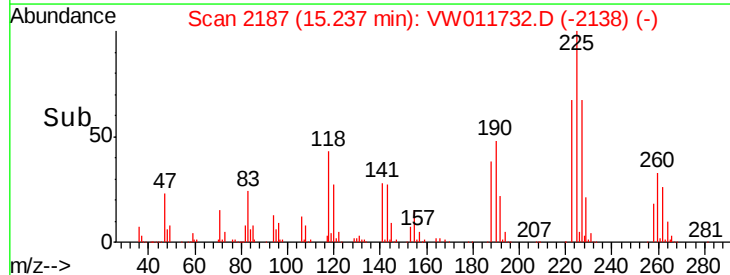
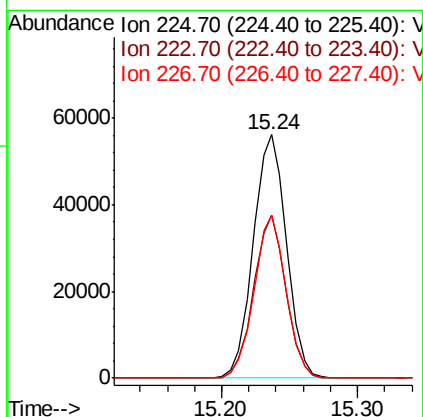
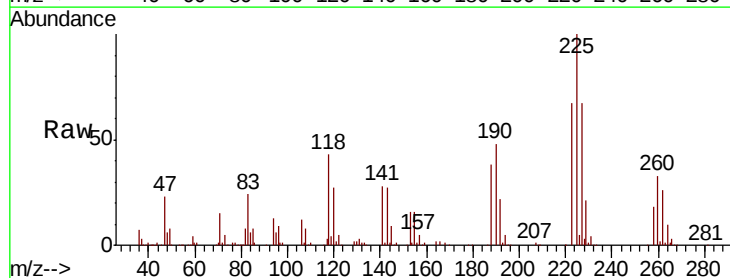
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

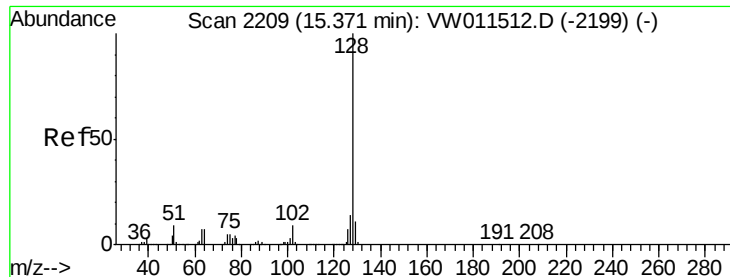
Tgt Ion:180 Resp: 158238
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.4 142.2
 145 30.6 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 50.017 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011732.D
 Acq: 06 Aug 2019 01:07

Tgt Ion:225 Resp: 96061
 Ion Ratio Lower Upper
 225 100
 223 64.6 30.8 92.3
 227 64.2 31.6 94.7

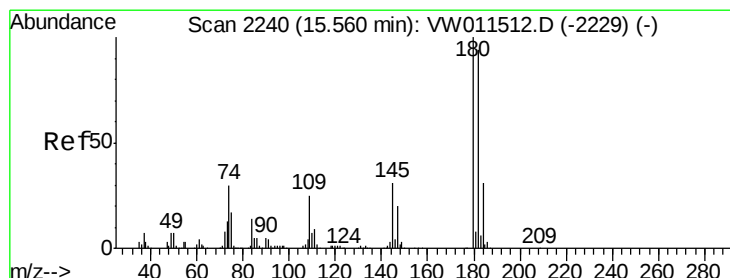
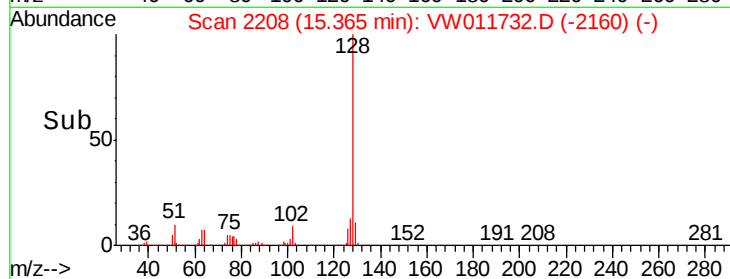
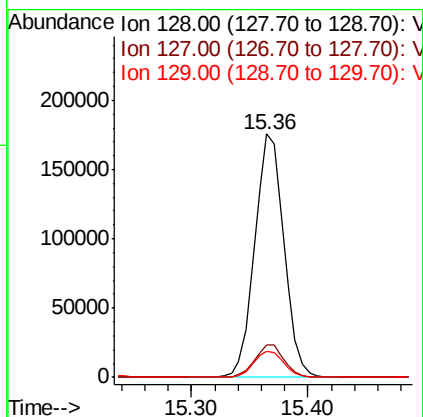
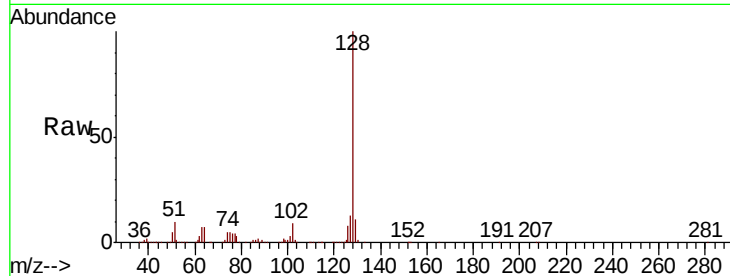




#95
Naphthalene
Concen: 51.006 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 307966
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.526 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011732.D
Acq: 06 Aug 2019 01:07

Tgt Ion:180 Resp: 139099
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 32.8 15.9 47.7

