

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003843.D
 Acq On : 11 Jul 2018 00:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 11 04:45:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132073	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.88	113	111760	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.32	98	439469	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.62	95	160089	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	39354	39.803	ug/l	100
3) Chloromethane	2.21	50	83090	44.266	ug/l	97
4) Vinyl Chloride	2.36	62	120715	48.759	ug/l	99
5) Bromomethane	2.77	94	69542	39.793	ug/l	98
6) Chloroethane	2.92	64	62264	41.936	ug/l	96
7) Trichlorofluoromethane	3.25	101	49793	49.786	ug/l	99
8) Diethyl Ether	3.67	74	52730	51.445	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	102326	52.610	ug/l	99
10) Methyl Iodide	4.26	142	153636	53.067	ug/l	99
11) Tert butyl alcohol	5.18	59	44445	308.483	ug/l	96
12) 1,1-Dichloroethene	4.03	96	101518	53.157	ug/l	99
13) Acrolein	3.89	56	59889	346.979	ug/l	96
14) Allyl chloride	4.66	41	176011	53.011	ug/l	99
15) Acrylonitrile	5.37	53	148329	288.982	ug/l	100
16) Acetone	4.12	43	130669	283.291	ug/l	98
17) Carbon Disulfide	4.37	76	311071	49.684	ug/l	99
18) Methyl Acetate	4.67	43	77455	59.560	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	215935	54.718	ug/l	98
20) Methylene Chloride	4.90	84	115778	51.650	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	114147	50.487	ug/l	98
22) Diisopropyl ether	6.31	45	393245	53.873	ug/l	98
23) Vinyl Acetate	6.26	43	1210522	271.662	ug/l	100
24) 1,1-Dichloroethane	6.21	63	220183	49.873	ug/l	99
25) 2-Butanone	7.18	43	204094	282.503	ug/l	100
26) 2,2-Dichloropropane	7.17	77	114766	47.927	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	126339	50.532	ug/l	99
28) Bromochloromethane	7.51	49	96827	49.232	ug/l	99
29) Tetrahydrofuran	7.53	42	136930	294.841	ug/l	99
30) Chloroform	7.68	83	226839	50.368	ug/l	98
31) Cyclohexane	7.95	56	187949	48.446	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	172995	50.470	ug/l	99
36) 1,1-Dichloropropene	8.08	75	175465	51.918	ug/l	99
37) Ethyl Acetate	7.26	43	92526	56.265	ug/l	100
38) Carbon Tetrachloride	8.07	117	163440	50.863	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197896	53.464	ug/l	99
40) Benzene	8.32	78	502187	51.975	ug/l	98
41) Methacrylonitrile	7.49	41	50402	53.282	ug/l	96
42) 1,2-Dichloroethane	8.40	62	164522	52.613	ug/l	99
43) Isopropyl Acetate	8.43	43	173321	55.611	ug/l	98
44) Trichloroethene	9.09	130	124376	51.061	ug/l	98
45) 1,2-Dichloropropane	9.37	63	131432	52.316	ug/l	98
46) Dibromomethane	9.46	93	69676	52.746	ug/l	99
47) Bromodichloromethane	9.65	83	171508	52.776	ug/l	99
48) Methyl methacrylate	9.44	41	86470	58.257	ug/l	99
49) 1,4-Dioxane	9.45	88	24459	1238.884	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	482151	298.953	ug/l	100
52) Toluene	10.39	92	319268	53.289	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	175156	53.982	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	193866	52.928	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	98049	53.442	ug/l	96
56) Ethyl methacrylate	10.65	69	131246	58.622	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171948	53.772	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	303695	257.228	ug/l	99
59) 2-Hexanone	10.98	43	343265	309.950	ug/l	99
60) Dibromochloromethane	11.13	129	116581	54.435	ug/l	100
61) 1,2-Dibromoethane	11.24	107	94598	53.917	ug/l	99
64) Tetrachloroethene	10.87	164	116898	51.474	ug/l	96
65) Chlorobenzene	11.66	112	348389	51.475	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	122683	51.872	ug/l	99
67) Ethyl Benzene	11.74	91	628046	54.268	ug/l	100
68) m/p-Xylenes	11.84	106	479255	108.143	ug/l	100
69) o-Xylene	12.17	106	223213	54.586	ug/l	100
70) Styrene	12.18	104	389341	55.990	ug/l	99
71) Bromoform	12.35	173	72163	55.287	ug/l #	99
73) Isopropylbenzene	12.47	105	615749	54.619	ug/l	99
74) N-amyl acetate	12.28	43	174107	56.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	124517	54.484	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	164331	100.529	ug/l #	100
77) Bromobenzene	12.75	156	147504	52.703	ug/l	99
78) n-propylbenzene	12.81	91	770956	54.478	ug/l	100
79) 2-Chlorotoluene	12.90	91	434385	53.428	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	529208	54.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	36827	55.111	ug/l	99
82) 4-Chlorotoluene	12.99	91	463172	52.978	ug/l	100
83) tert-Butylbenzene	13.21	119	444452	55.465	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	549890	54.477	ug/l	99
85) sec-Butylbenzene	13.39	105	655286	54.665	ug/l	100
86) p-Isopropyltoluene	13.51	119	571757	54.585	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	294128	51.870	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	295041	51.742	ug/l	100
89) n-Butylbenzene	13.83	91	564045	54.743	ug/l	99
90) Hexachloroethane	14.10	117	103987	51.537	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	268410	52.591	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21592	54.580	ug/l	98

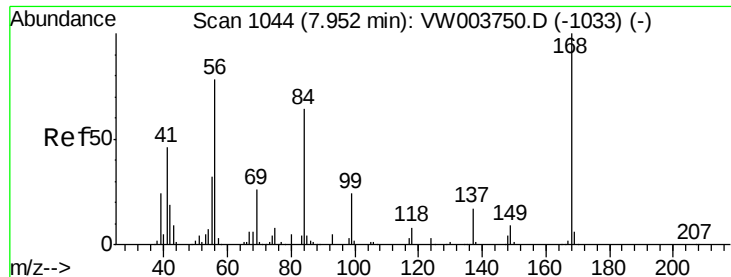
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	182368	52.790	ug/l	99
94) Hexachlorobutadiene	15.24	225	101084	51.156	ug/l	99
95) Naphthalene	15.38	128	364039	58.961	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	165137	53.386	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

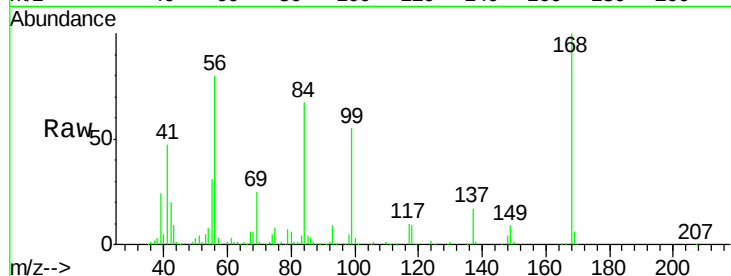
VSTDCCC050

Tot Ion:168 Resp: 203298

Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

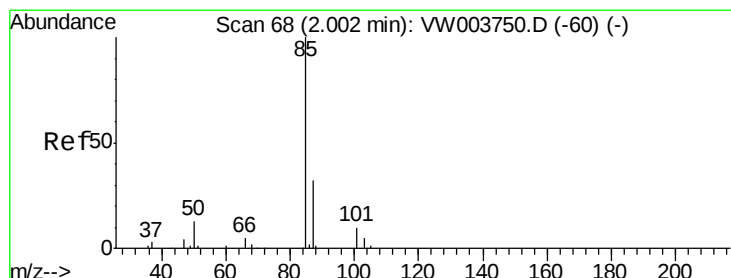
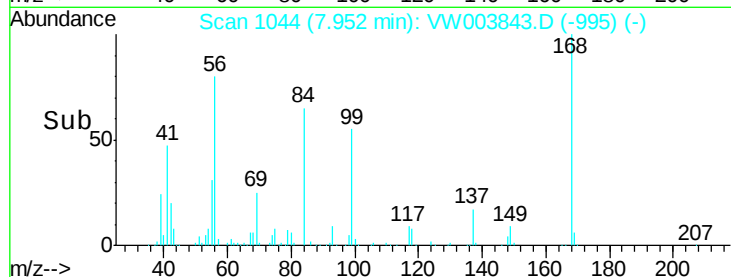
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 39.803 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003843.D

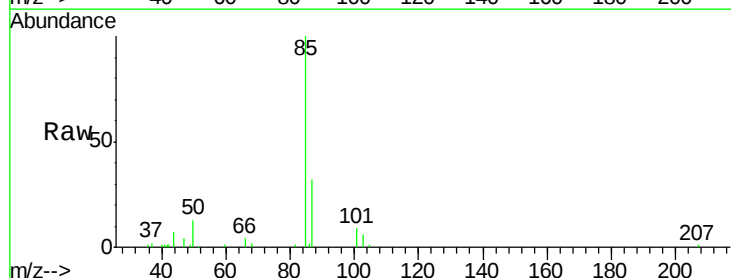
Acq: 11 Jul 2018 00:19

Tgt Ion: 85 Resp: 39354

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

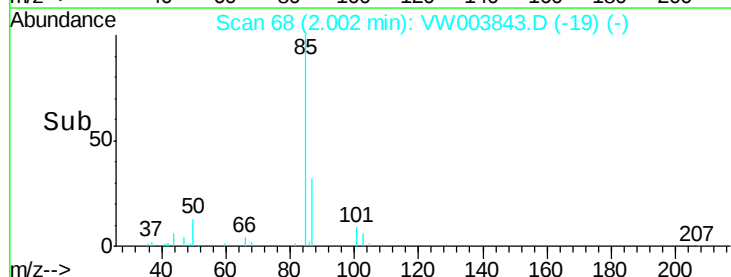
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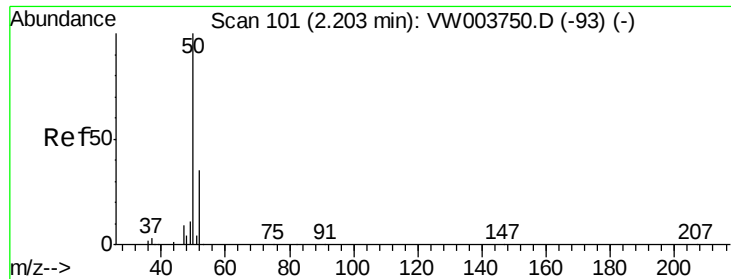
10000

5000

0

Time-->





#3

Chloromethane

Concen: 44.266 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

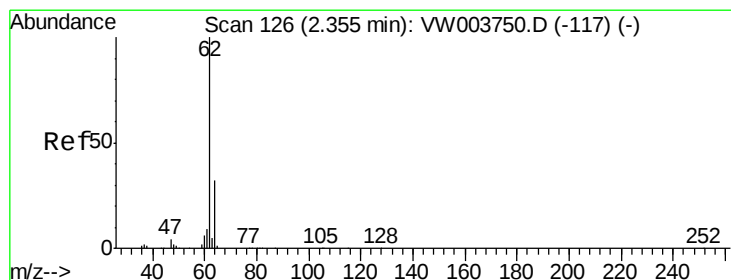
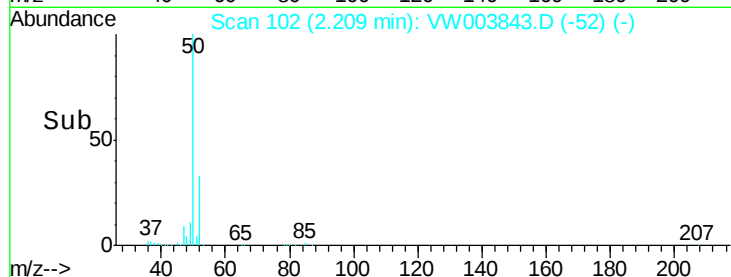
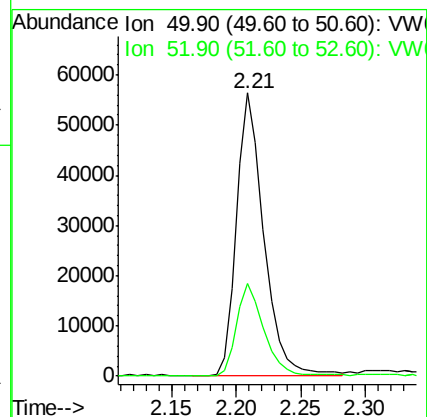
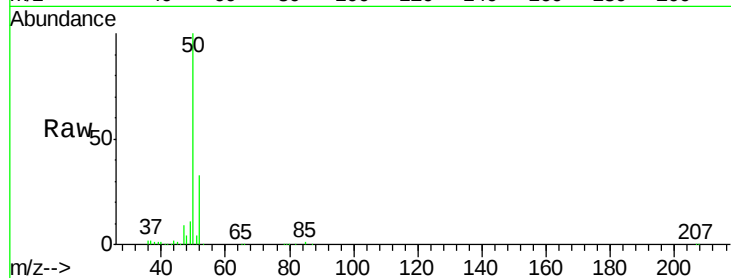
VSTDCCC050

Tot Ion: 50 Resp: 83090

Ion Ratio Lower Upper

50 100

52 32.9 27.8 41.6



#4

Vinyl Chloride

Concen: 48.759 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003843.D

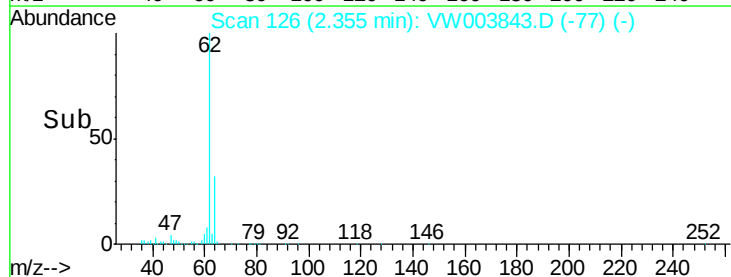
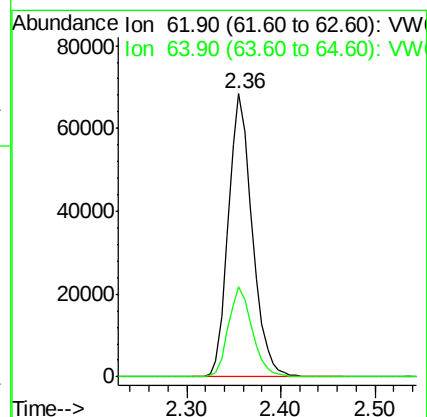
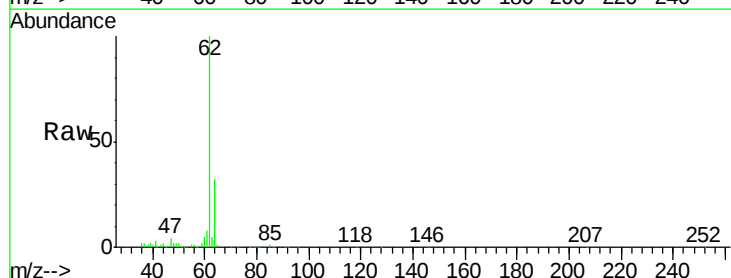
Acq: 11 Jul 2018 00:19

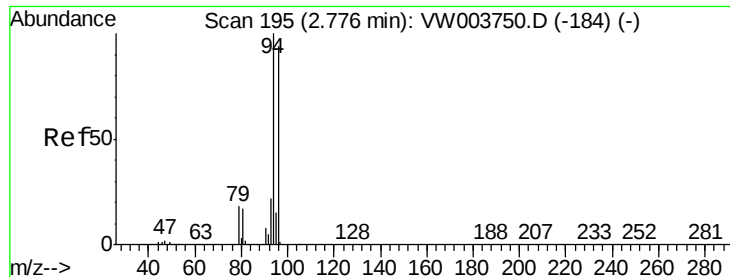
Tgt Ion: 62 Resp: 120715

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 39.793 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

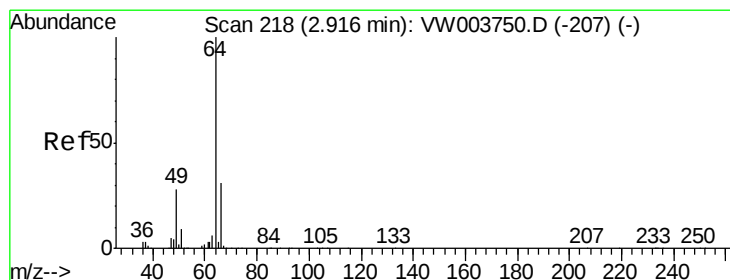
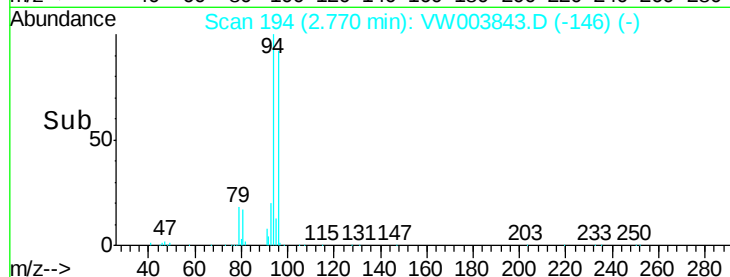
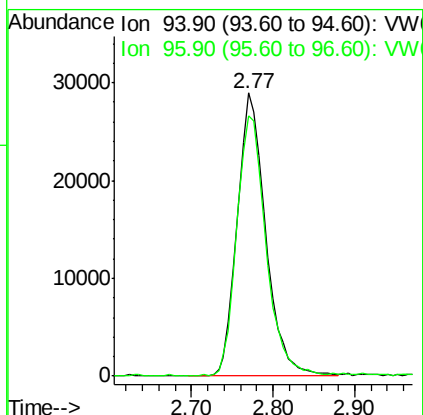
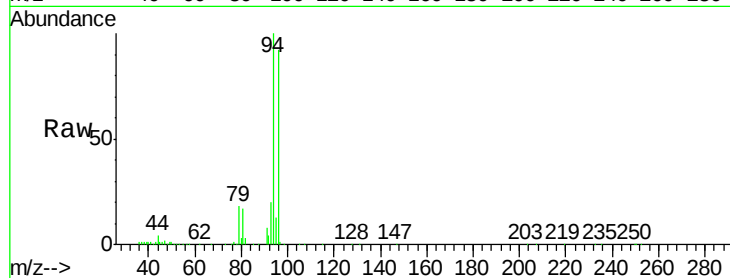
VSTDCCC050

Tot Ion: 94 Resp: 69542

Ion Ratio Lower Upper

94 100

96 92.0 74.8 112.2



#6

Chloroethane

Concen: 41.936 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003843.D

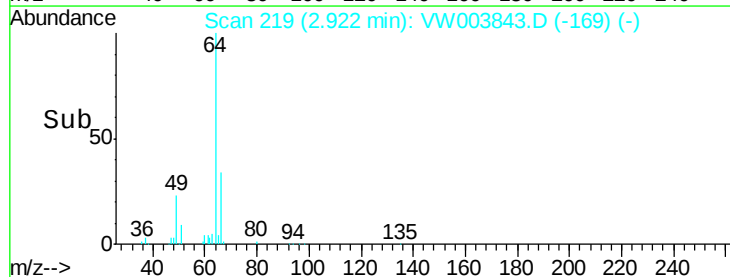
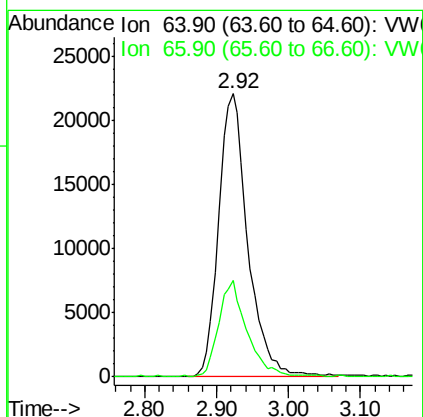
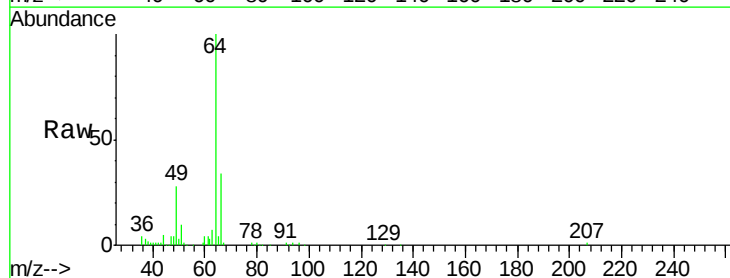
Acq: 11 Jul 2018 00:19

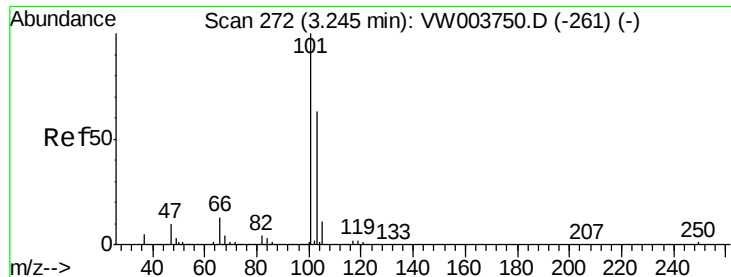
Tgt Ion: 64 Resp: 62264

Ion Ratio Lower Upper

64 100

66 33.8 25.1 37.7



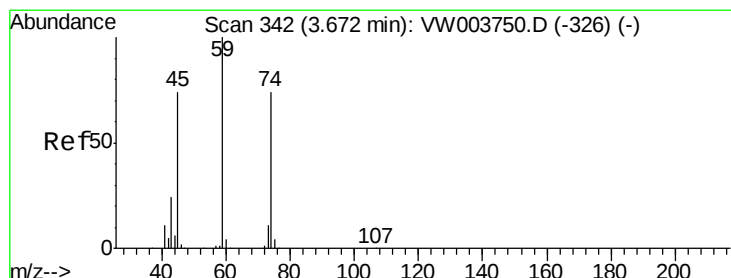
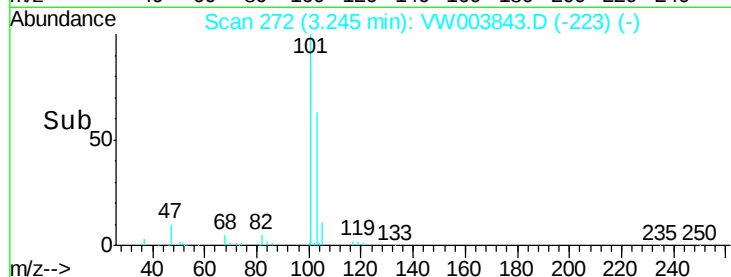
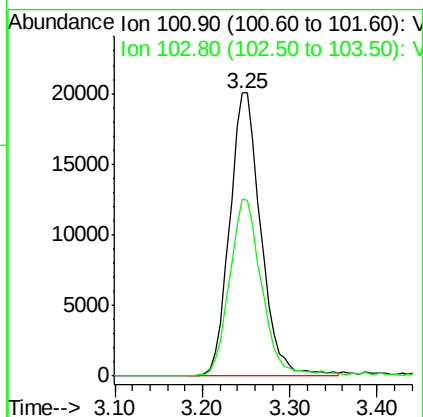
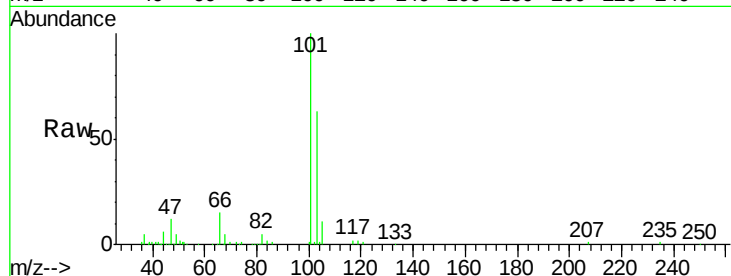


#7

Trichlorofluoromethane
 Concen: 49.786 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003843.D
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 VSTDCCC050

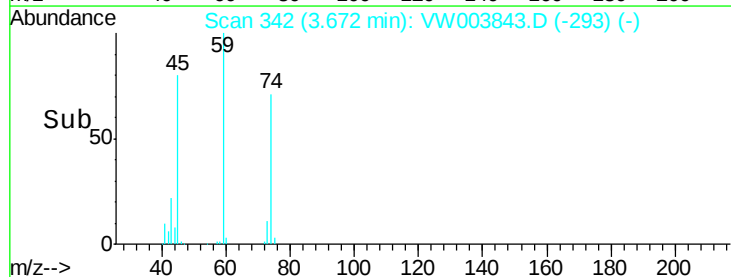
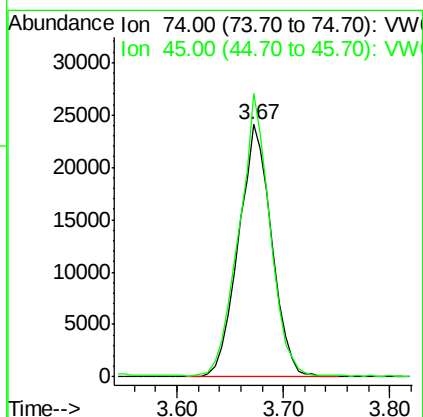
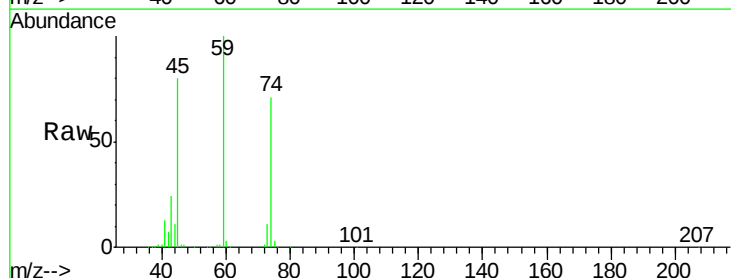
Tot Ion:101 Resp: 49793
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.7 76.1

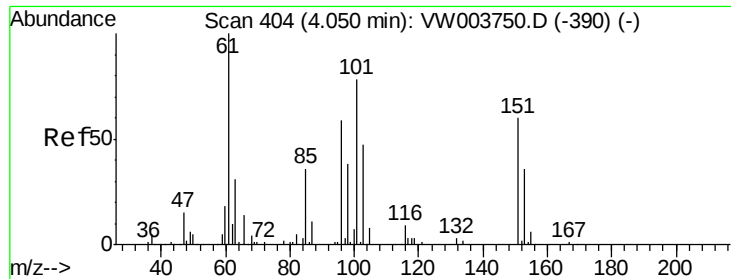


#8

Diethyl Ether
 Concen: 51.445 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion: 74 Resp: 52730
 Ion Ratio Lower Upper
 74 100
 45 104.1 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.610 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

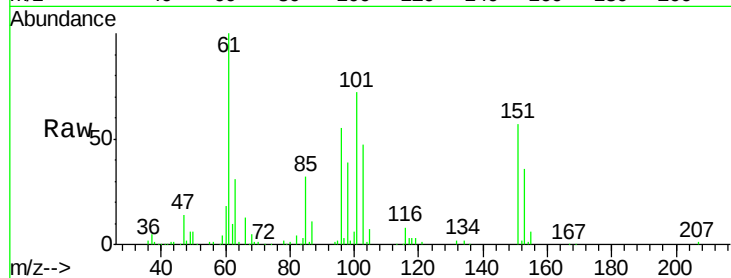
Tot Ion:101 Resp: 102326

Ion Ratio Lower Upper

101 100

85 44.8 37.1 55.7

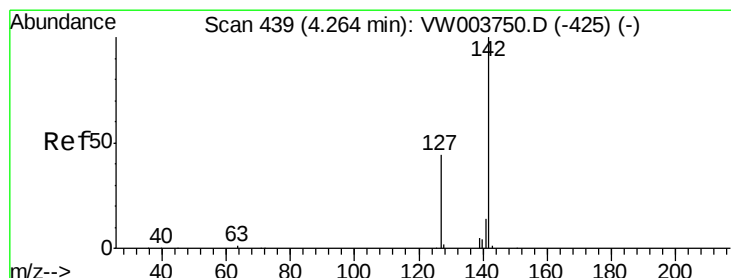
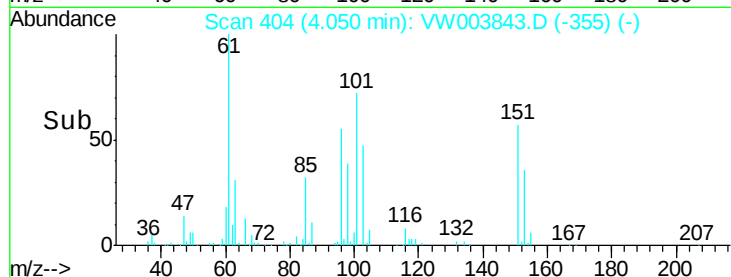
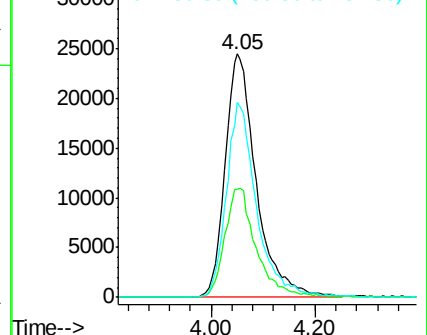
151 77.4 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.067 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

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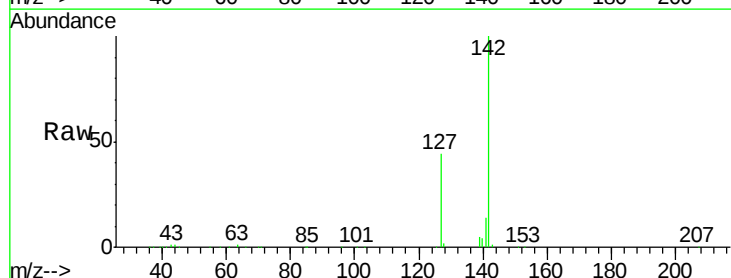
Tgt Ion:142 Resp: 153636

Ion Ratio Lower Upper

142 100

127 46.0 36.1 54.1

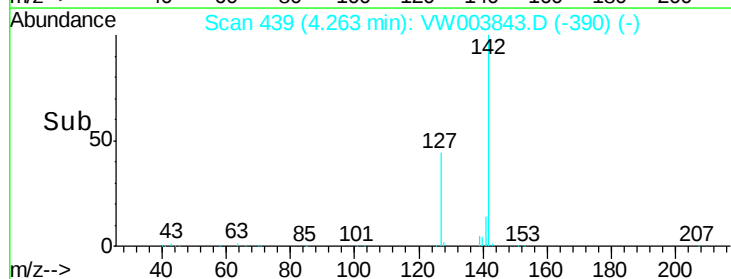
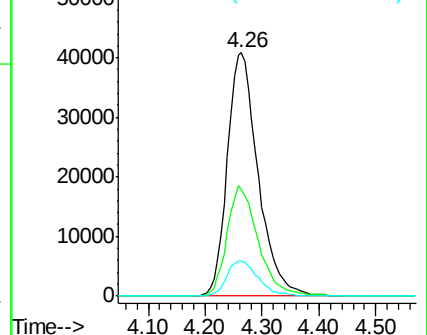
141 14.9 11.6 17.4

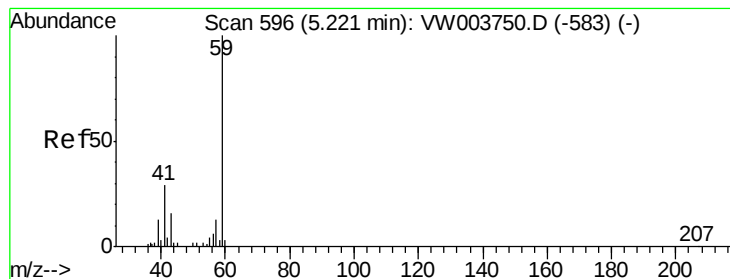


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



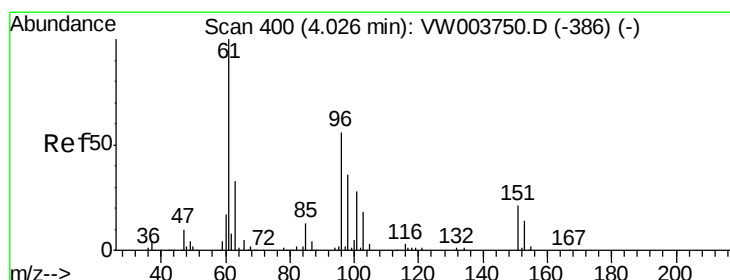
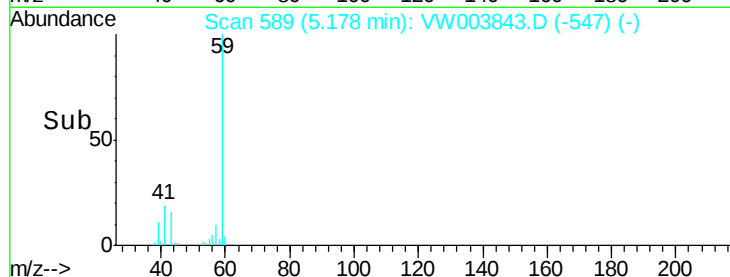
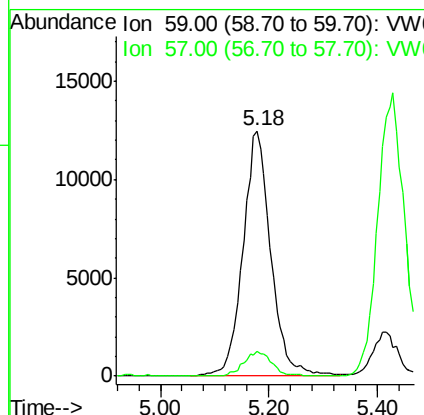
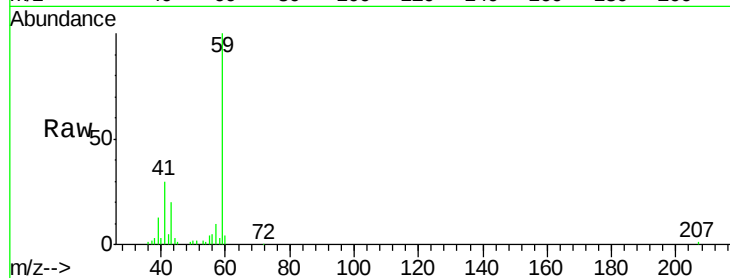


#11

Tert butyl alcohol
Concen: 308.483 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.04 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

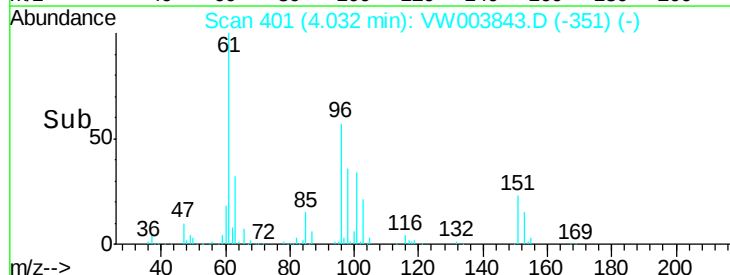
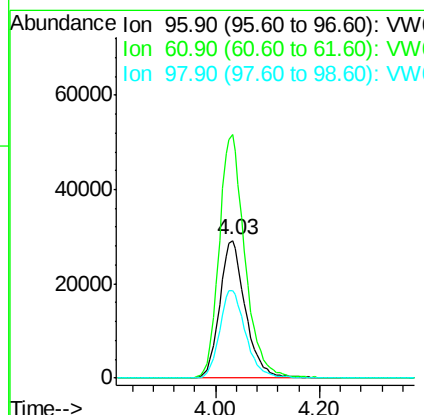
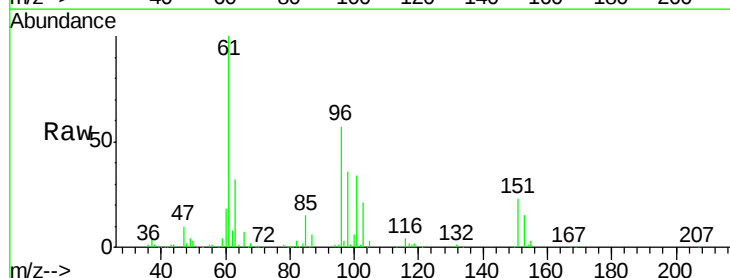
Tot Ion: 59 Resp: 44445
Ion Ratio Lower Upper
59 100
57 10.0 9.3 13.9

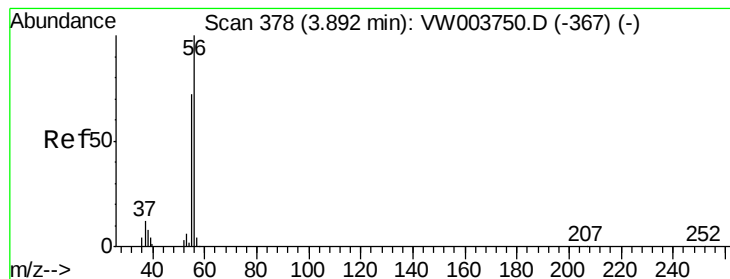


#12

1,1-Dichloroethene
Concen: 53.157 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 96 Resp: 101518
Ion Ratio Lower Upper
96 100
61 176.8 143.2 214.8
98 63.3 51.4 77.0





#13

Acrolein

Concen: 346.979 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

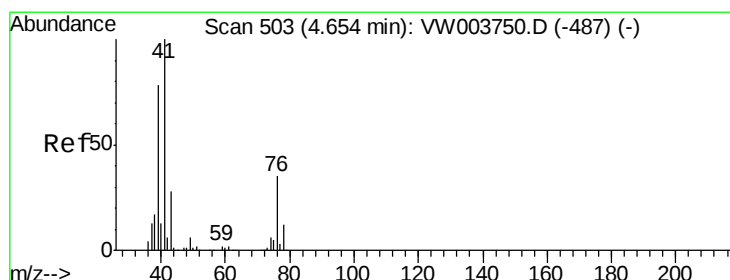
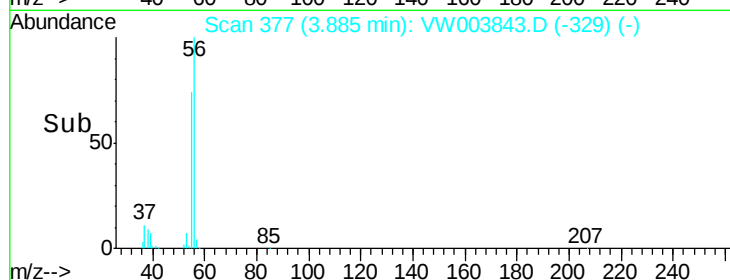
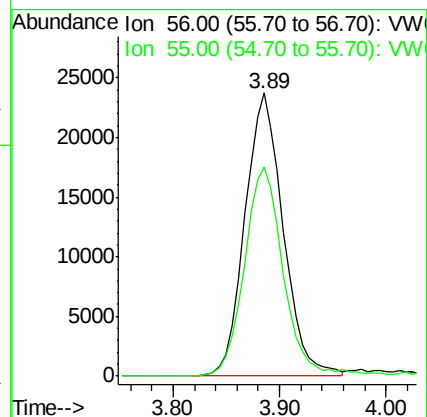
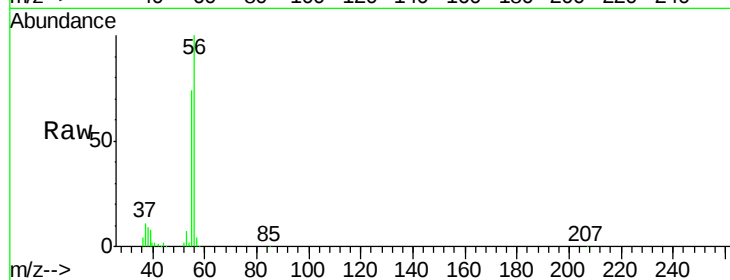
VSTDCCC050

Tot Ion: 56 Resp: 59889

Ion Ratio Lower Upper

56 100

55 75.4 57.5 86.3



#14

Allyl chloride

Concen: 53.011 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

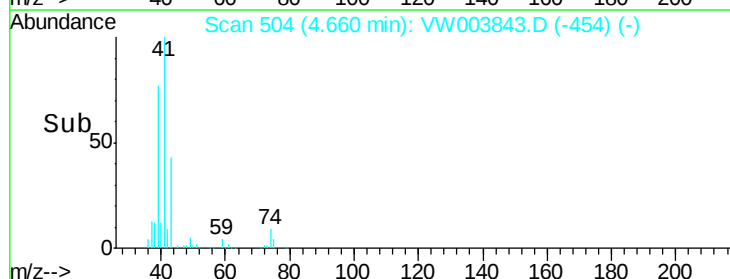
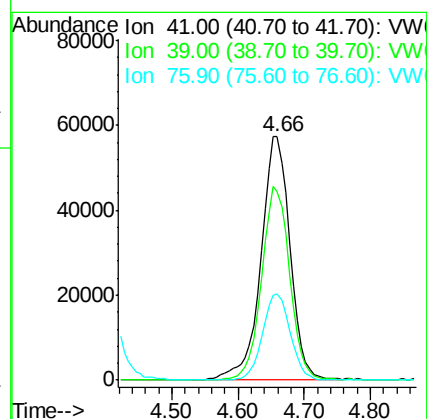
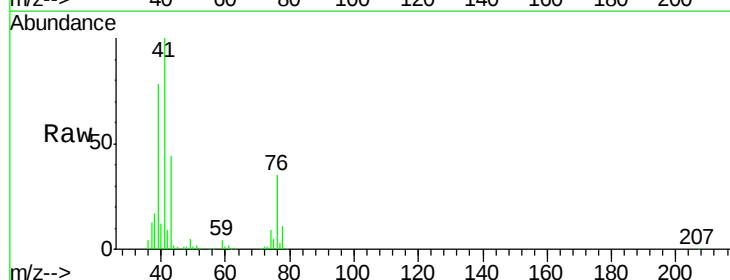
Tgt Ion: 41 Resp: 176011

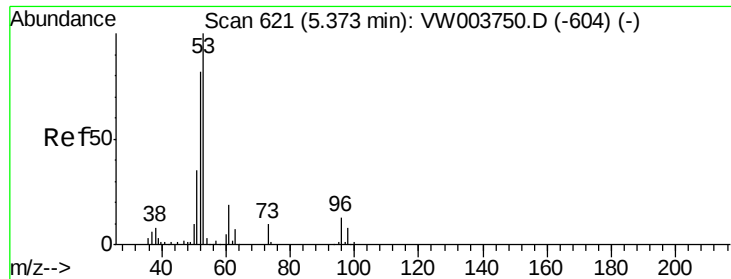
Ion Ratio Lower Upper

41 100

39 76.5 60.9 91.3

76 33.8 27.5 41.3





#15

Acrylonitrile

Concen: 288.982 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

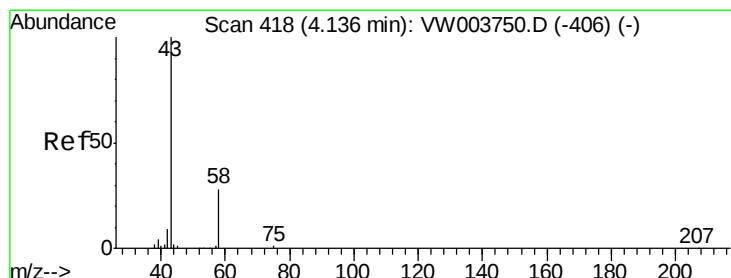
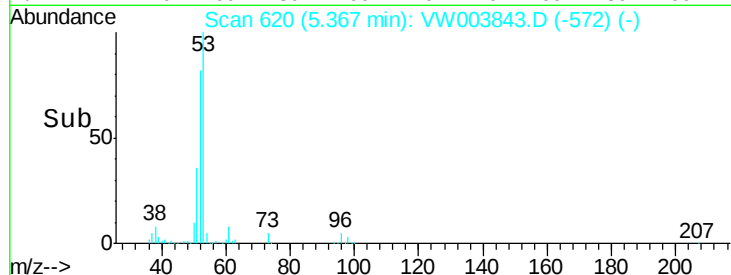
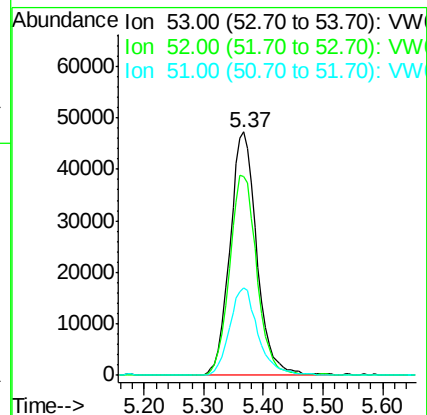
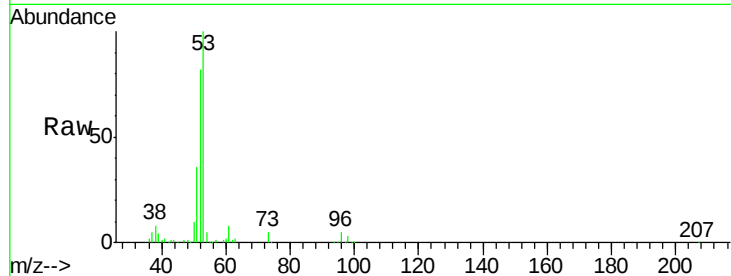
Tot Ion: 53 Resp: 148329

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

51 38.1 30.2 45.4



#16

Acetone

Concen: 283.291 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003843.D

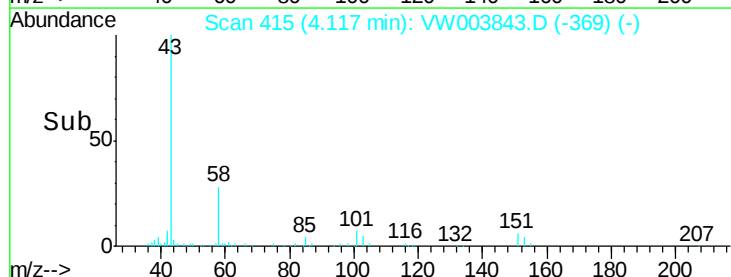
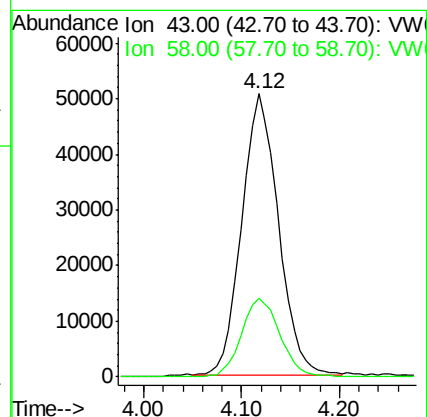
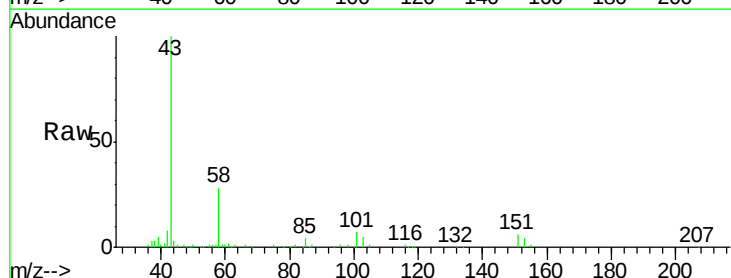
Acq: 11 Jul 2018 00:19

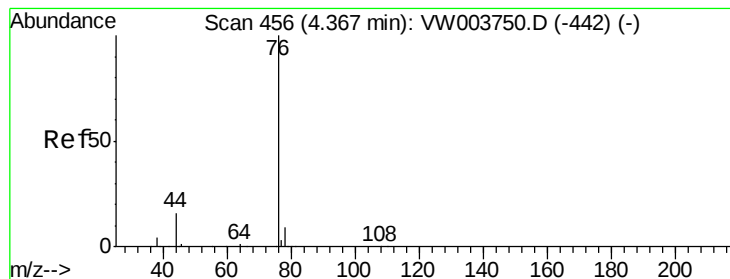
Tgt Ion: 43 Resp: 130669

Ion Ratio Lower Upper

43 100

58 27.5 22.6 34.0





#17

Carbon Disulfide

Concen: 49.684 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampled :

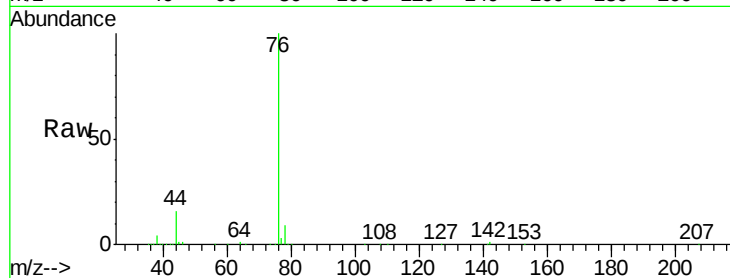
VSTDCCC050

Tot Ion: 76 Resp: 311071

Ion Ratio Lower Upper

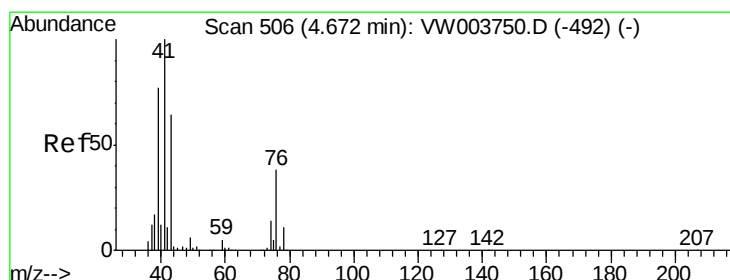
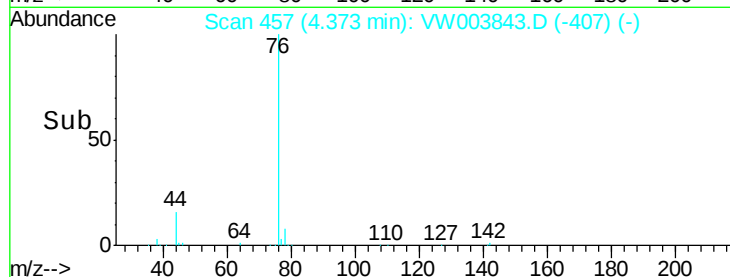
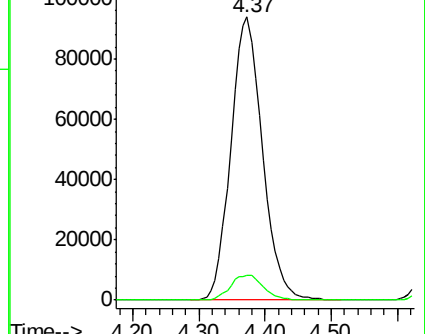
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 59.560 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW003843.D

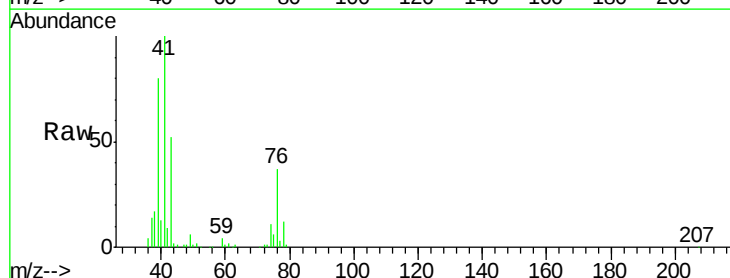
Acq: 11 Jul 2018 00:19

Tgt Ion: 43 Resp: 77455

Ion Ratio Lower Upper

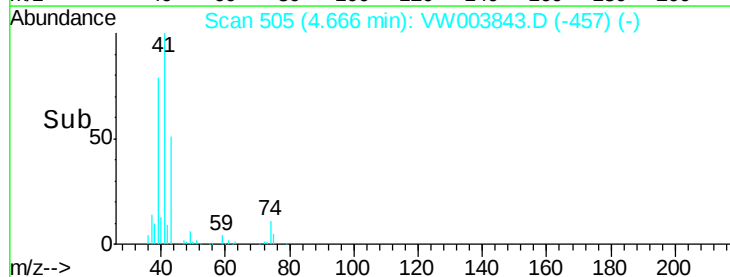
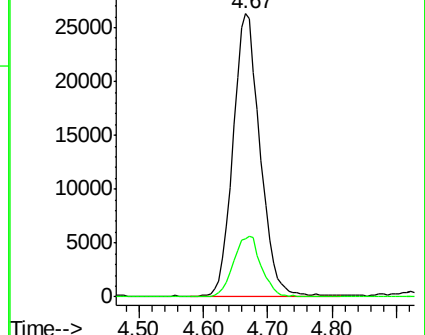
43 100

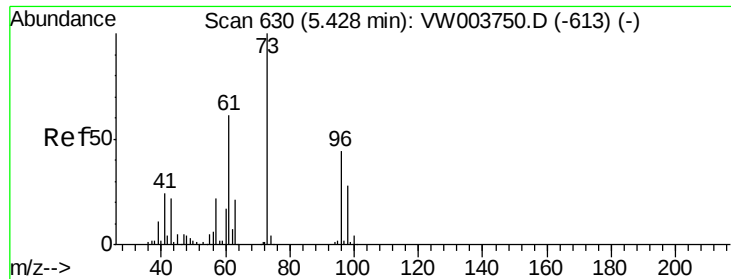
74 21.9 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

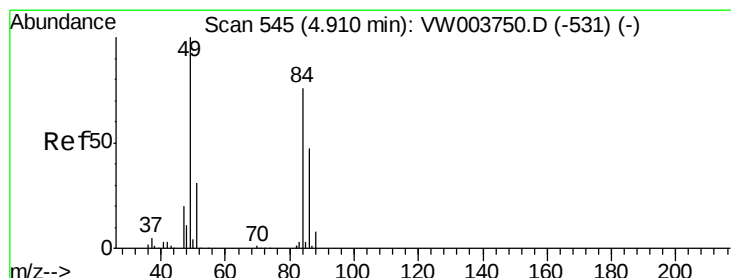
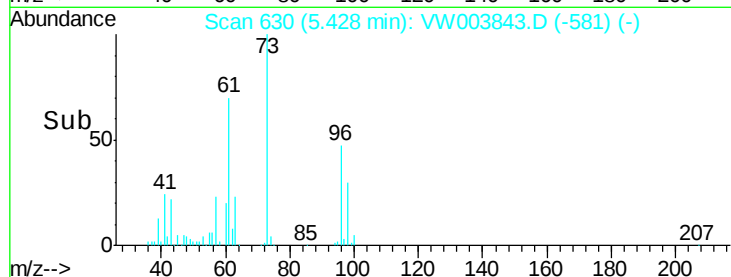
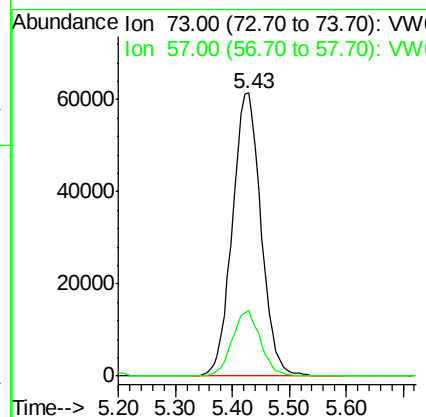
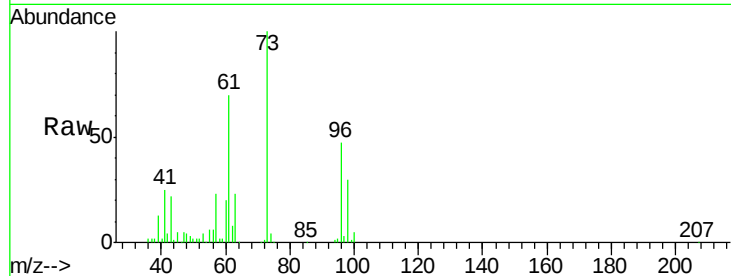




#19
Methyl tert-butyl Ether
Concen: 54.718 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

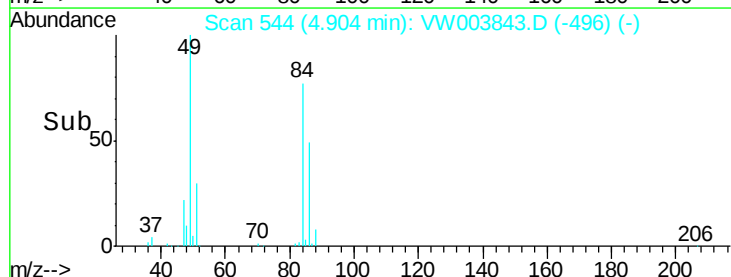
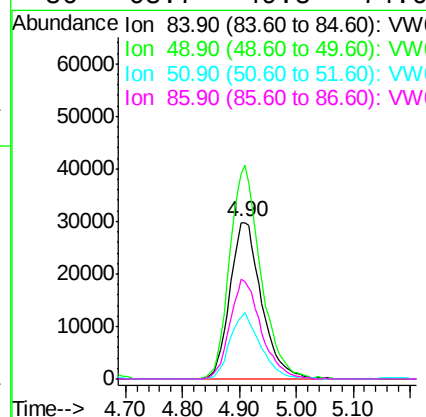
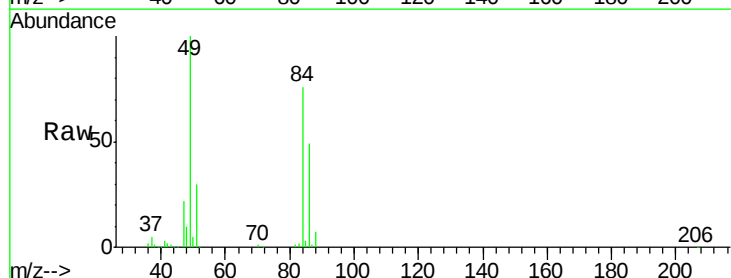
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

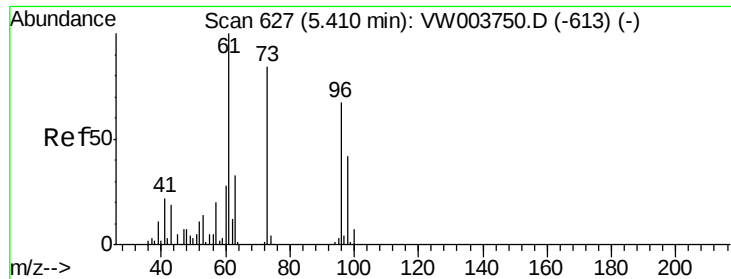
Tot Ion: 73 Resp: 215935
Ion Ratio Lower Upper
73 100
57 23.4 17.9 26.9



#20
Methylene Chloride
Concen: 51.650 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 84 Resp: 115778
Ion Ratio Lower Upper
84 100
49 130.9 105.1 157.7
51 39.3 32.5 48.7
86 63.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 50.487 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

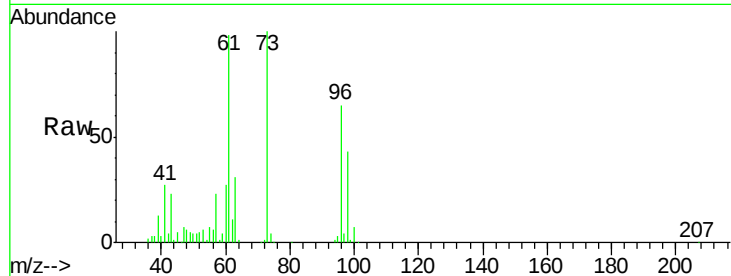
Tot Ion: 96 Resp: 114147

Ion Ratio Lower Upper

96 100

61 149.9 119.0 178.6

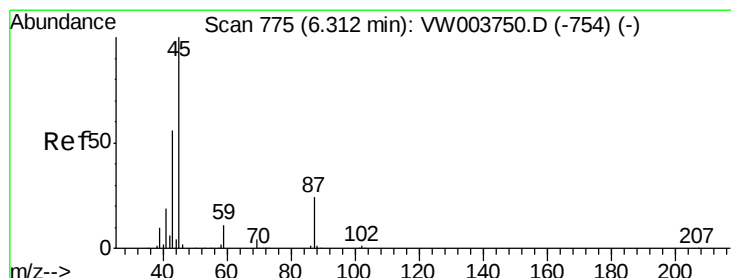
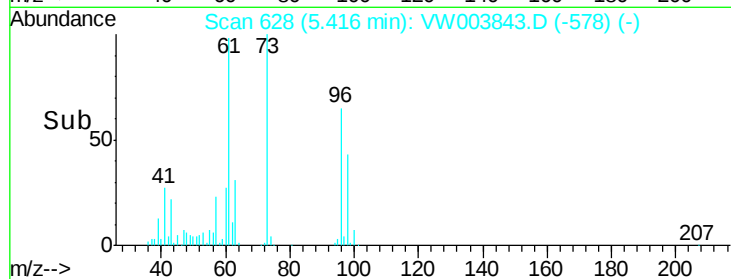
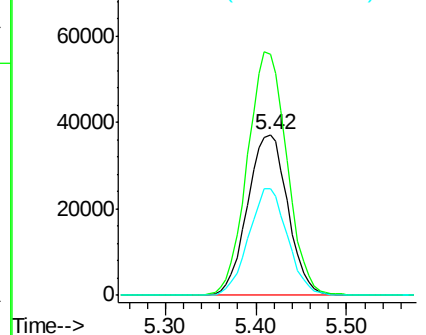
98 66.6 49.8 74.8



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: 53.873 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion: 45 Resp: 393245

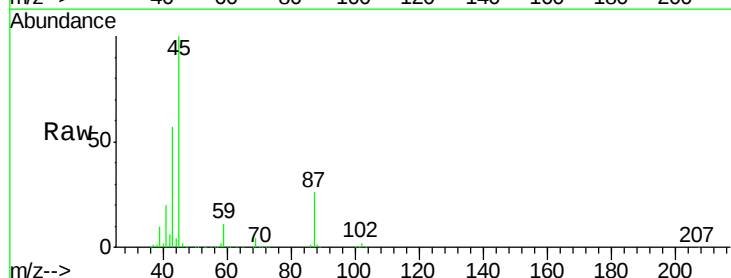
Ion Ratio Lower Upper

45 100

43 57.2 44.5 66.7

87 25.7 19.6 29.4

59 11.2 9.1 13.7

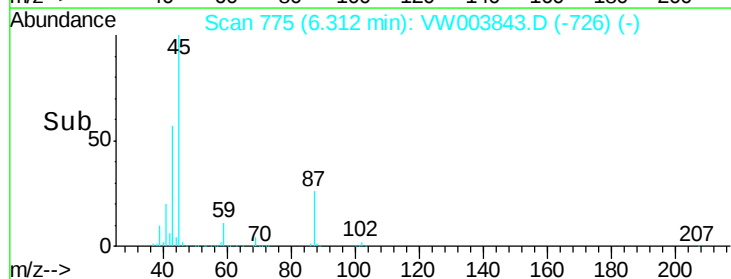
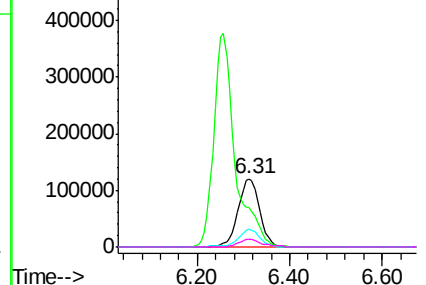


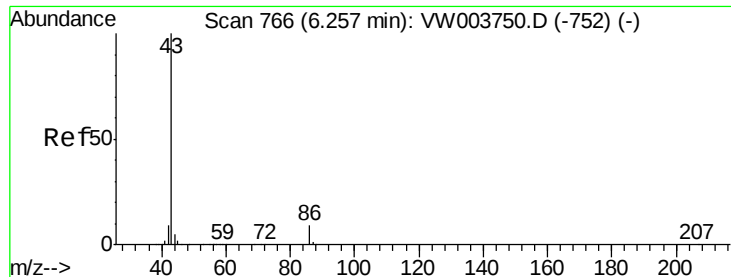
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 271.662 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

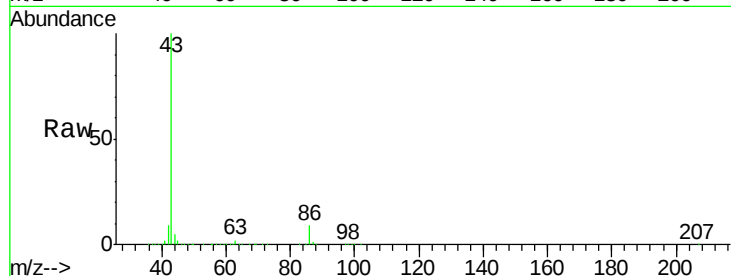
VSTDCCC050

Tot Ion: 43 Resp: 1210522

Ion Ratio Lower Upper

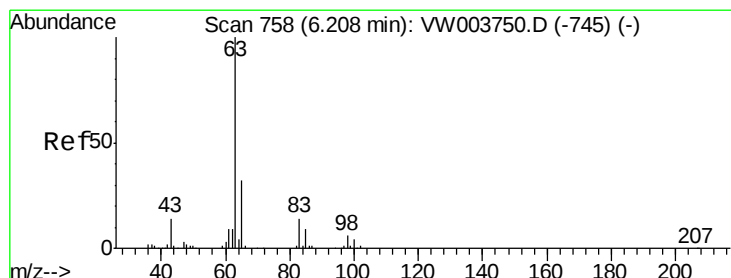
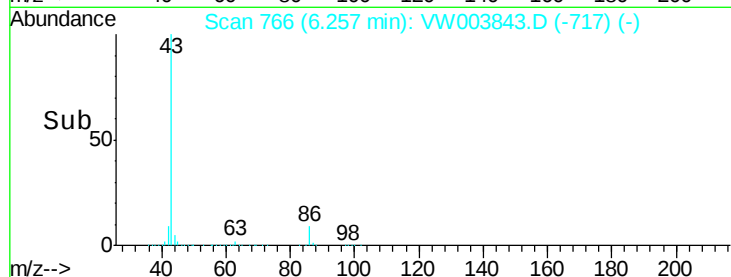
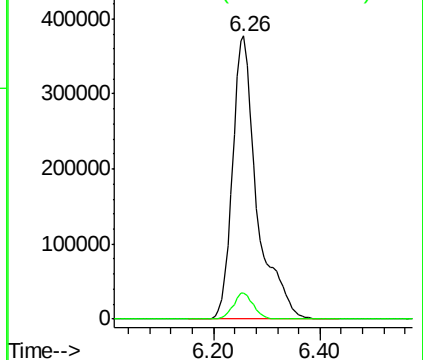
43 100

86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.873 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

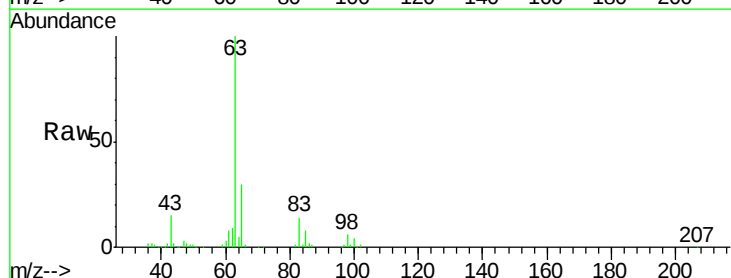
Tgt Ion: 63 Resp: 220183

Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

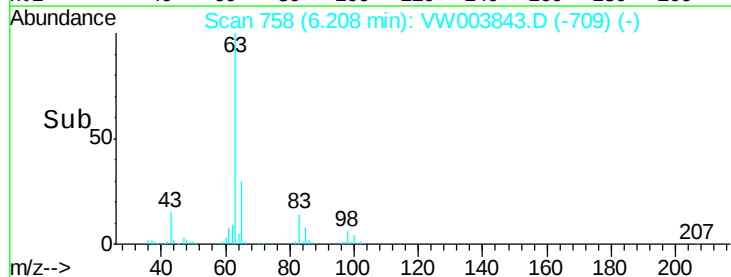
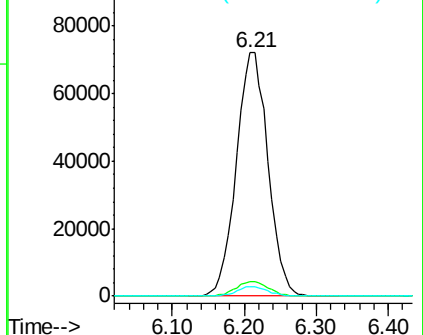
100 3.9 2.1 6.2

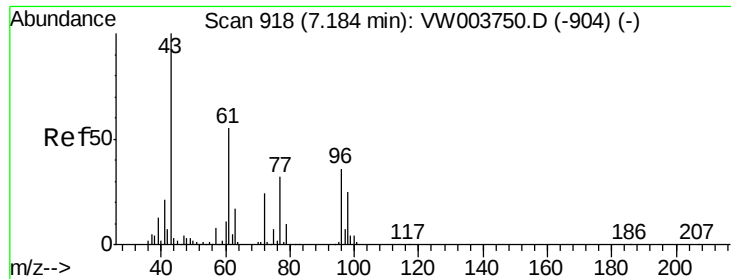


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

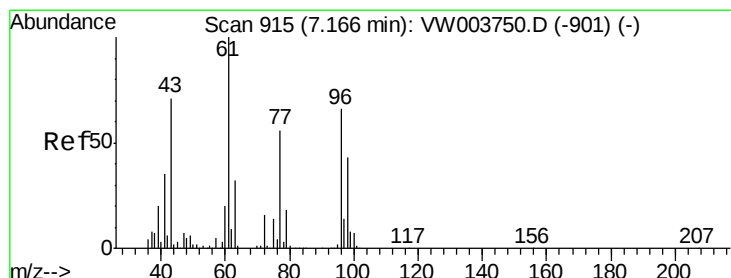
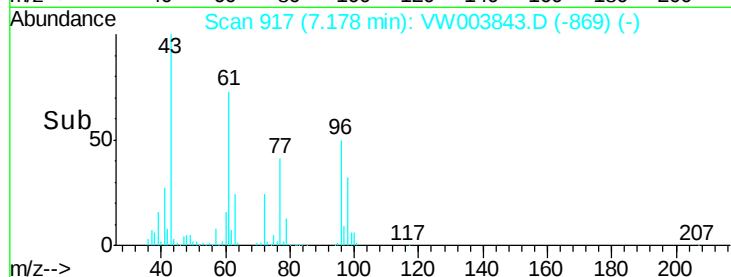
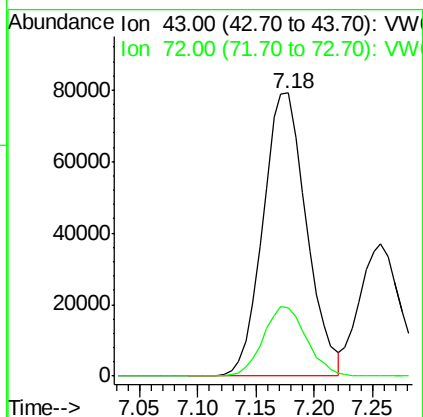
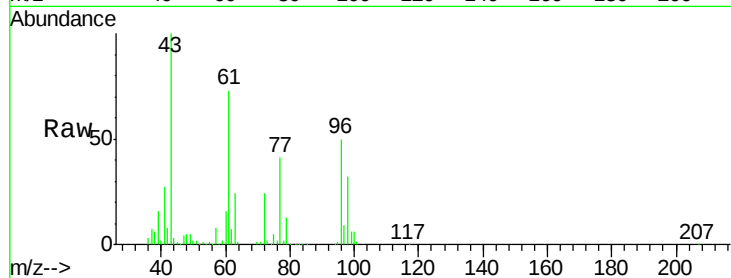




#25
2-Butanone
Concen: 282.503 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

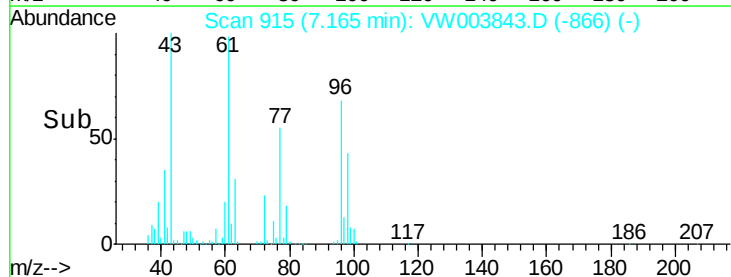
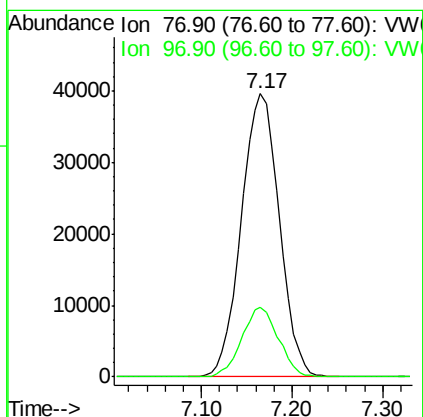
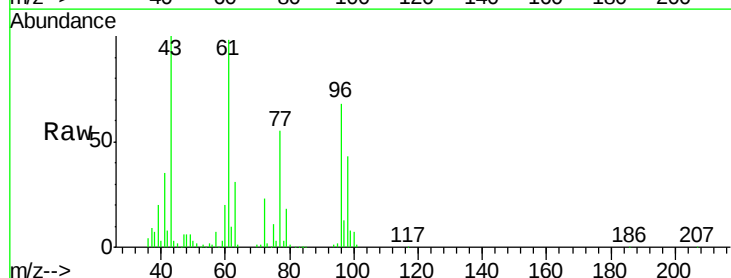
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

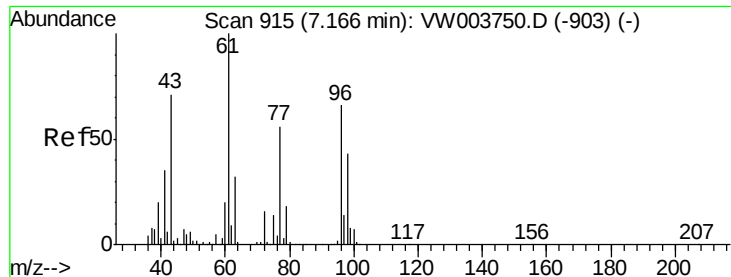
Tot Ion: 43 Resp: 204094
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 47.927 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 77 Resp: 114766
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5



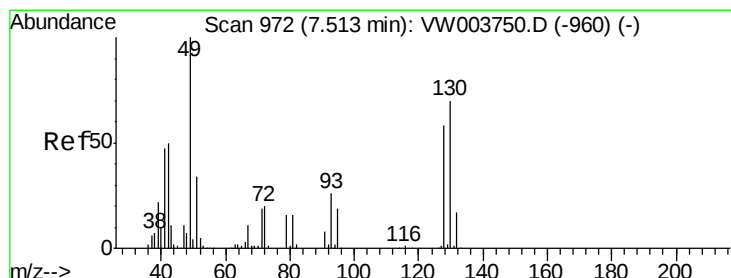
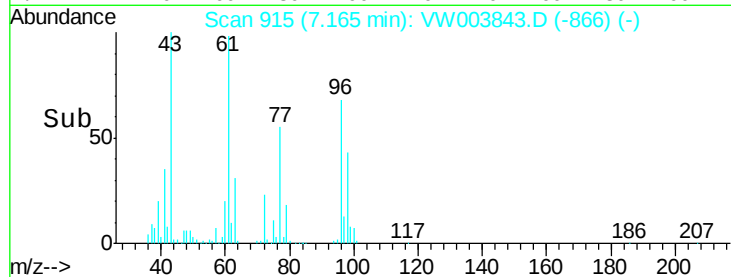
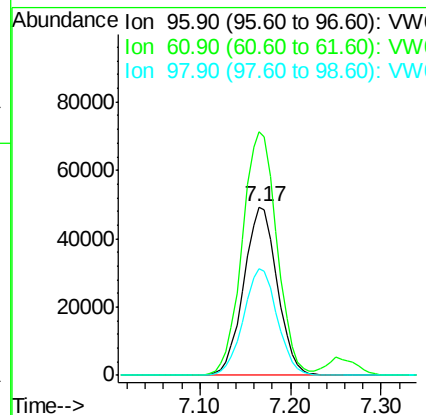
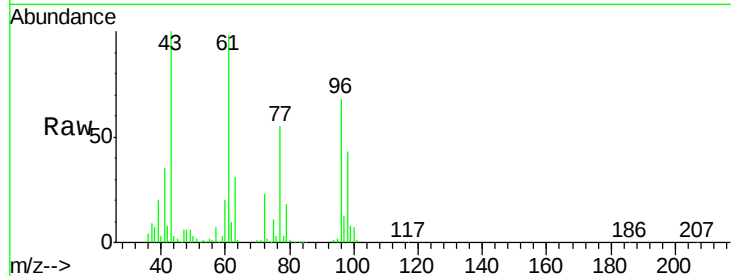


#27

cis-1,2-Dichloroethene
Concen: 50.532 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

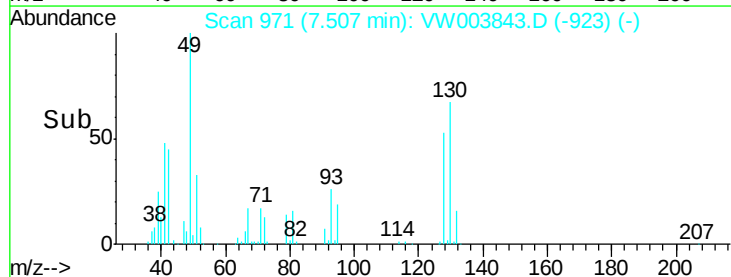
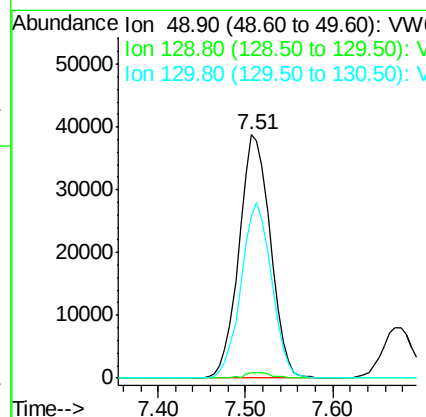
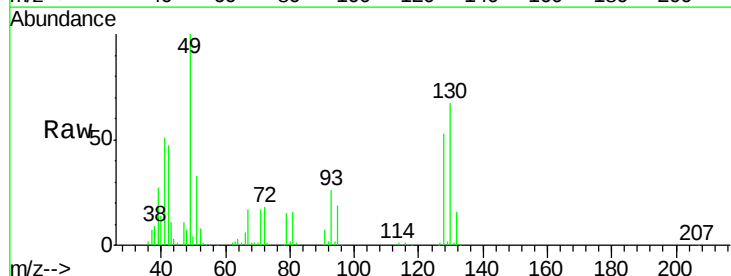
Tot Ion: 96 Resp: 126339
Ion Ratio Lower Upper
96 100
61 149.4 0.0 300.8
98 63.8 0.0 128.6

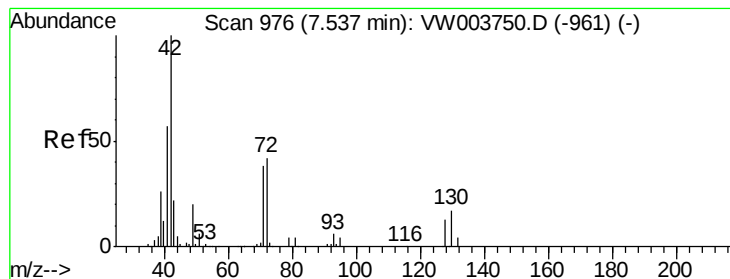


#28

Bromochloromethane
Concen: 49.232 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 49 Resp: 96827
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 70.1 56.9 85.3





#29

Tetrahydrofuran

Concen: 294.841 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

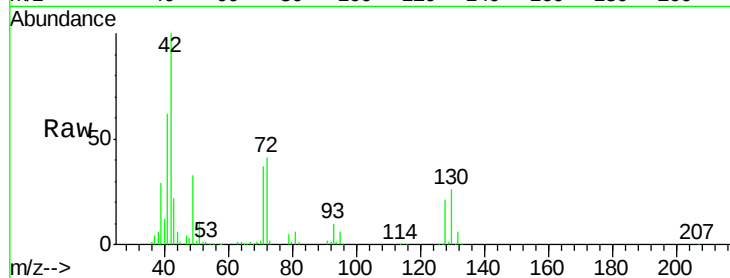
Tot Ion: 42 Resp: 136930

Ion Ratio Lower Upper

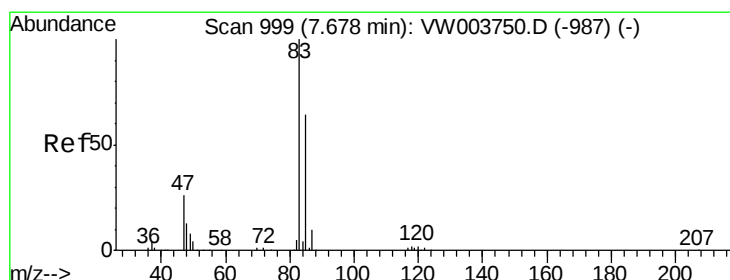
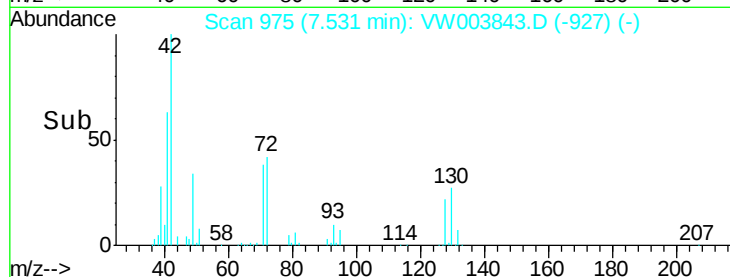
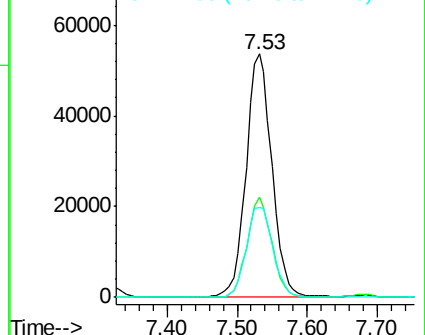
42 100

72 39.5 31.8 47.8

71 38.4 30.3 45.5



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



#30

Chloroform

Concen: 50.368 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW003843.D

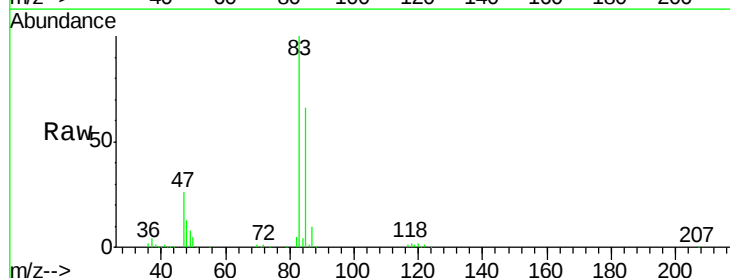
Acq: 11 Jul 2018 00:19

Tgt Ion: 83 Resp: 226839

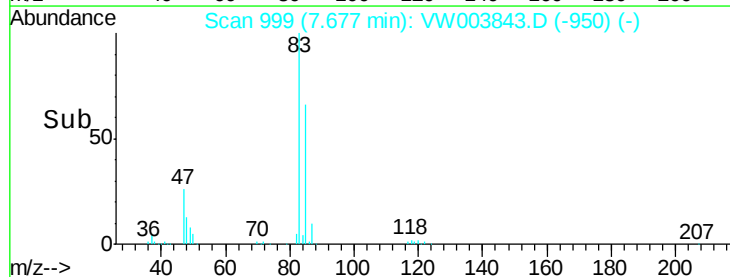
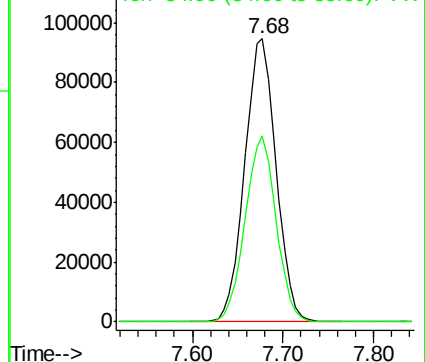
Ion Ratio Lower Upper

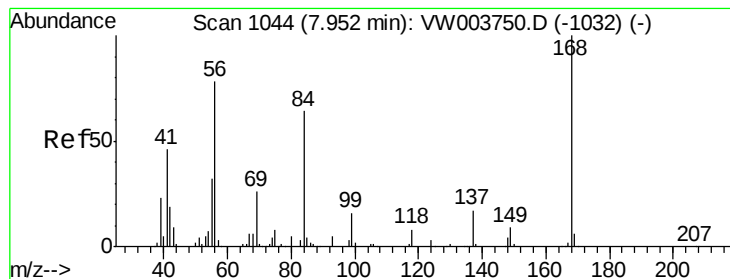
83 100

85 65.7 51.5 77.3



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





#31

Cyclohexane

Concen: 48.446 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

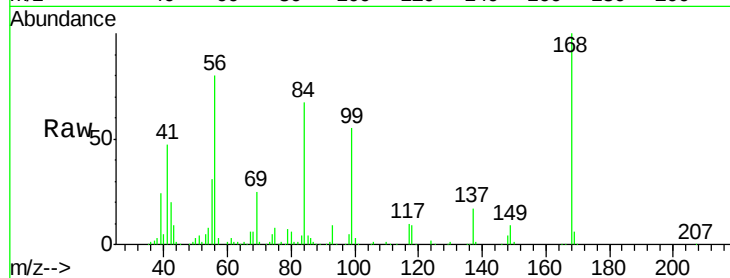
Tot Ion: 56 Resp: 187949

Ion Ratio Lower Upper

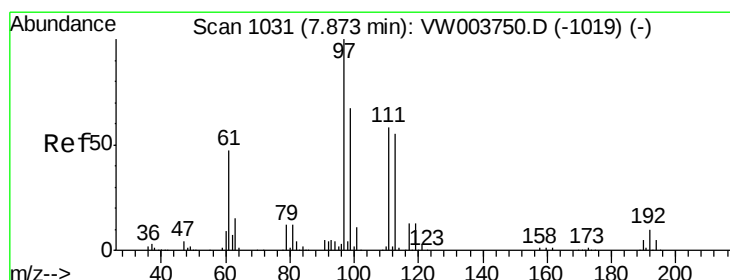
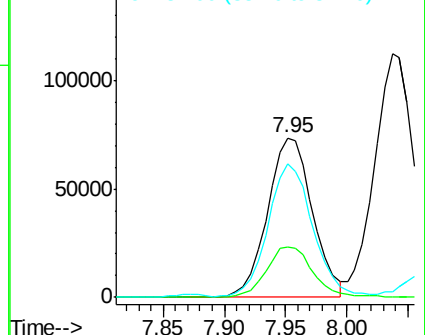
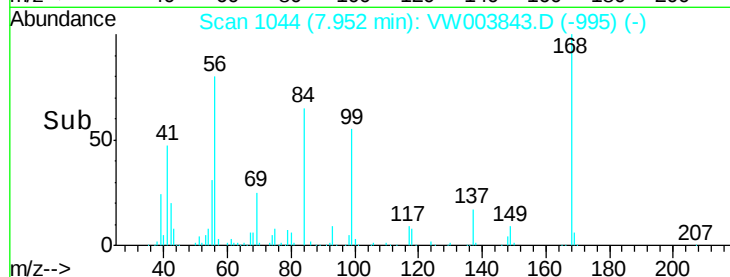
56 100

69 31.7 26.2 39.4

84 82.3 65.5 98.3



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



#32

1,1,1-Trichloroethane

Concen: 50.470 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

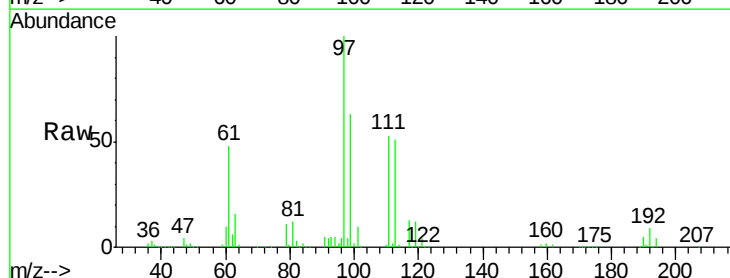
Tgt Ion: 97 Resp: 172995

Ion Ratio Lower Upper

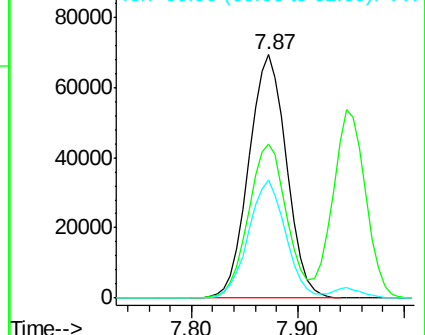
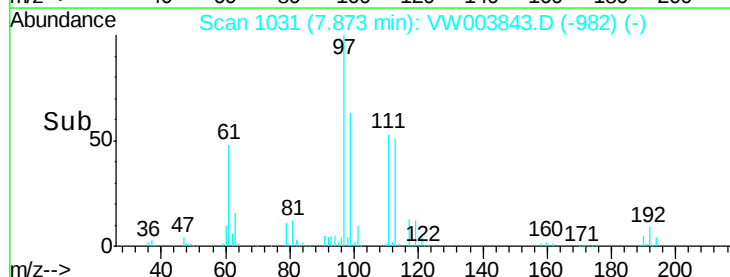
97 100

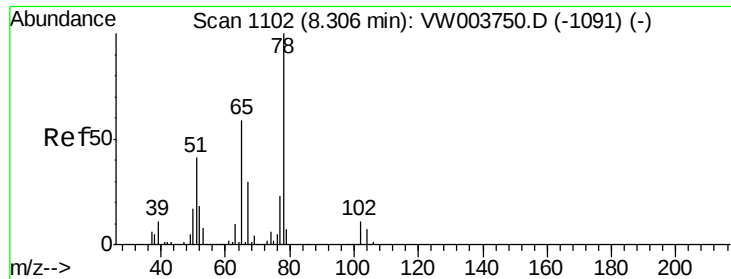
99 63.4 51.2 76.8

61 47.6 37.6 56.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

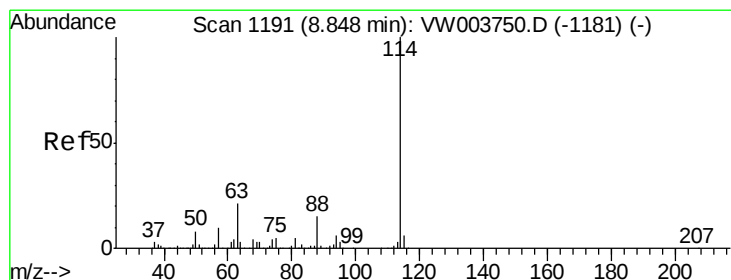
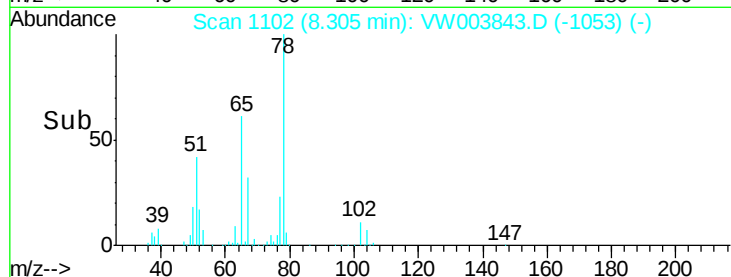
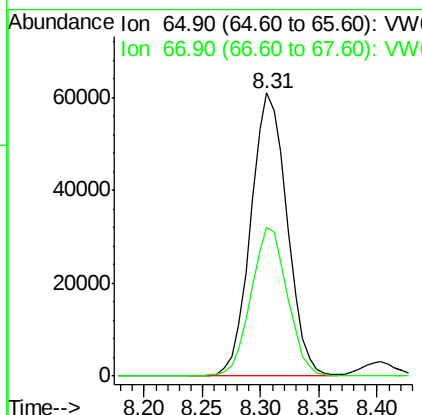
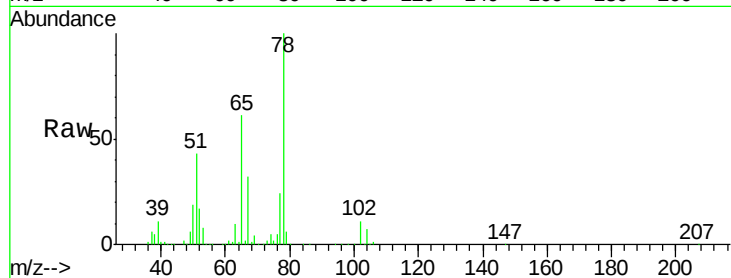




#33
 1,2-Dichloroethane-d4
 Concen: 49.678 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

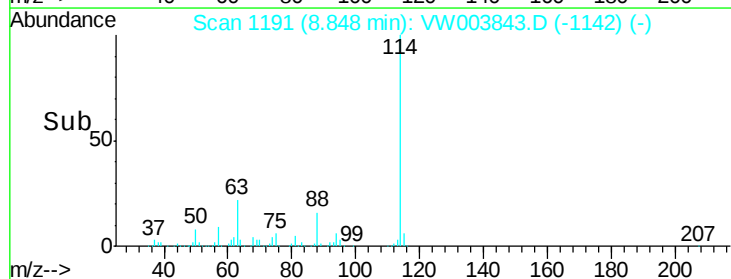
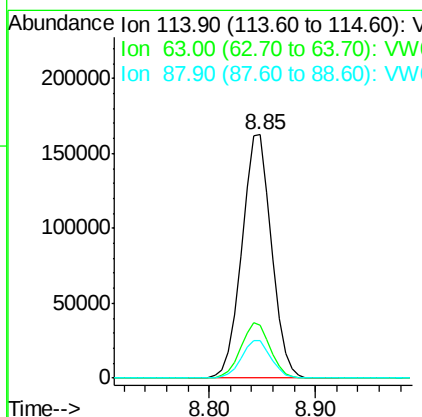
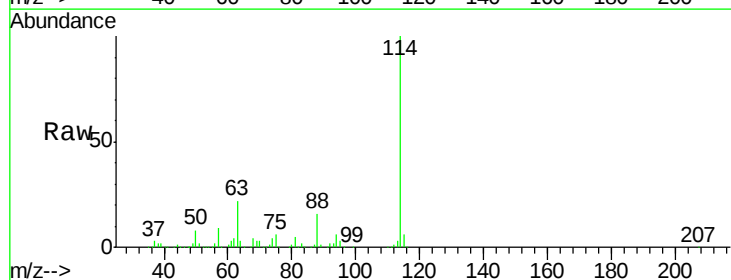
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

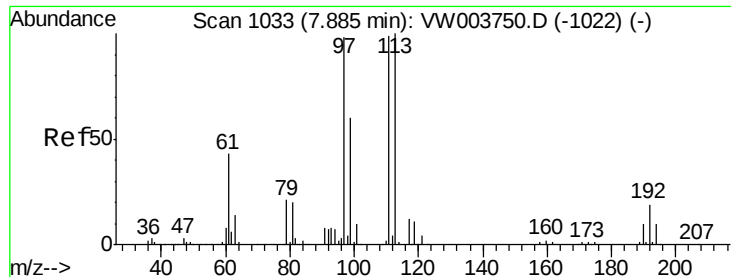
Tot Ion: 65 Resp: 132073
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion: 114 Resp: 318521
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.8
 88 15.6 0.0 30.2

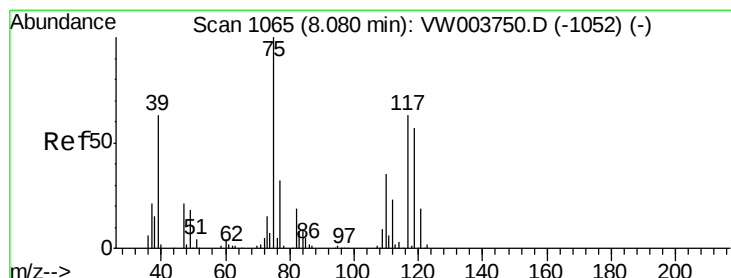
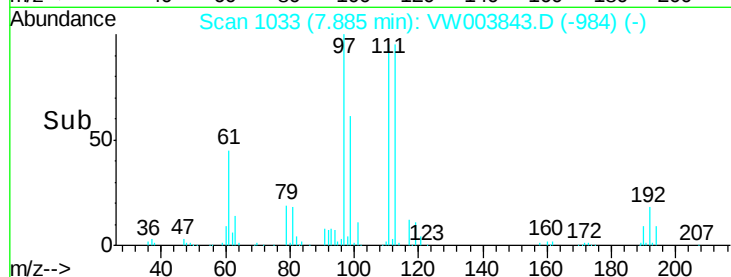
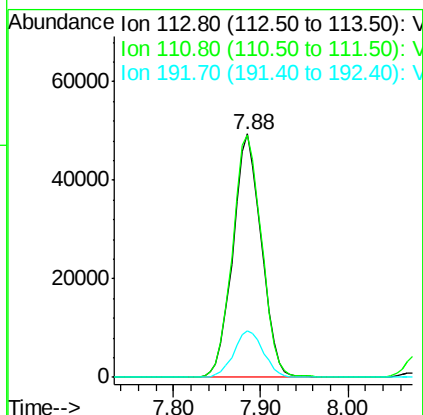
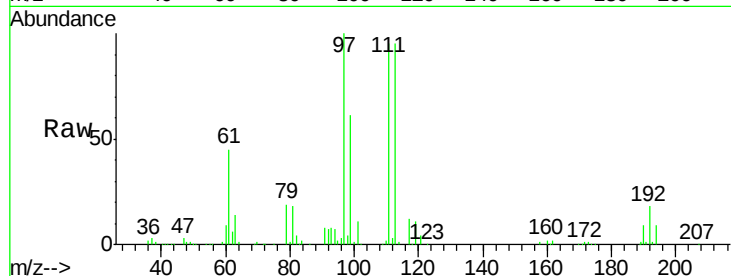




#35
 Dibromofluoromethane
 Concen: 50.133 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

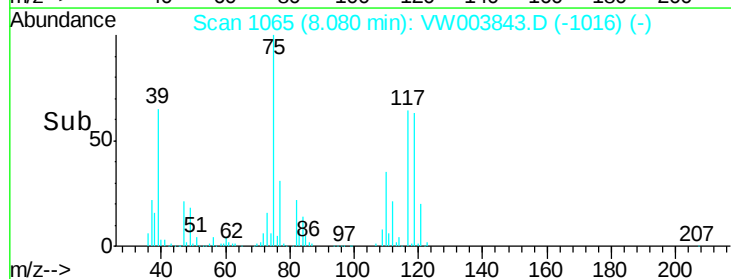
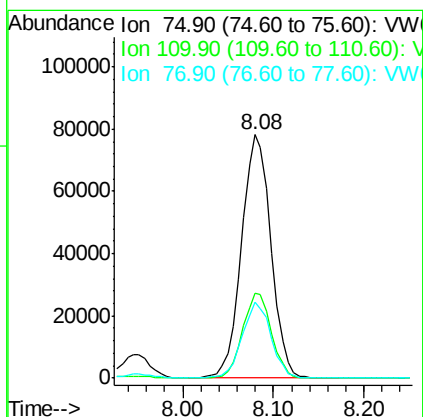
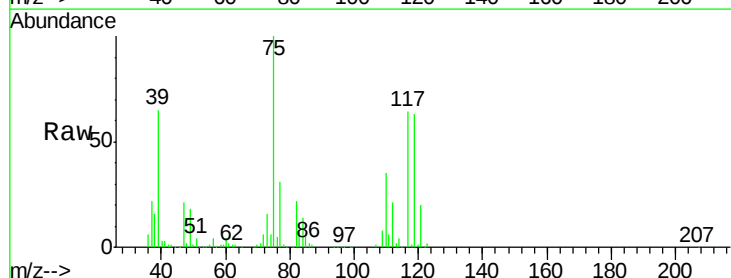
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

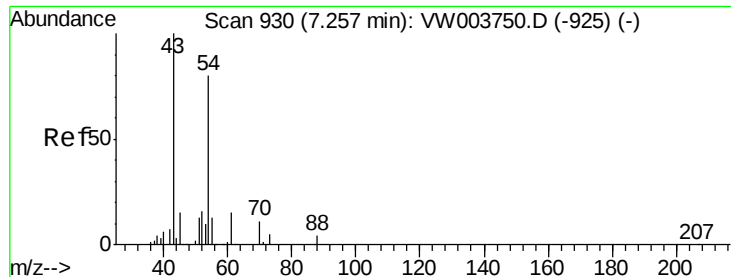
Tot Ion:113 Resp: 111760
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 19.9 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 51.918 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion: 75 Resp: 175465
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.9 50.6
 77 30.8 24.8 37.2

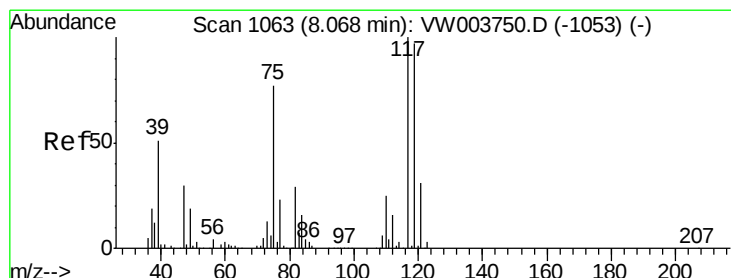
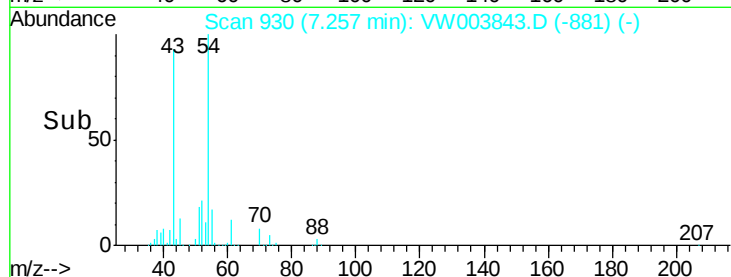
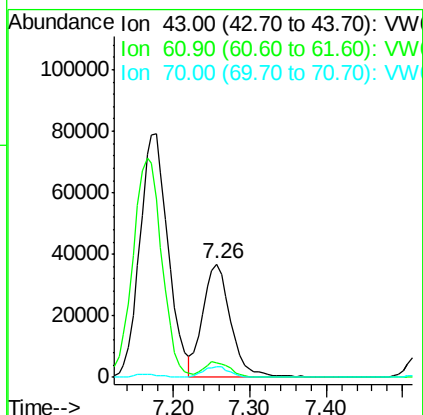
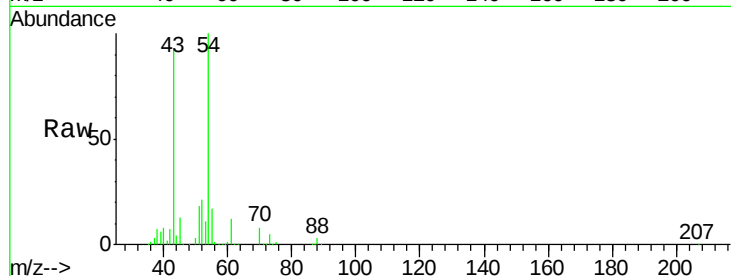




#37
Ethyl Acetate
Concen: 56.265 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

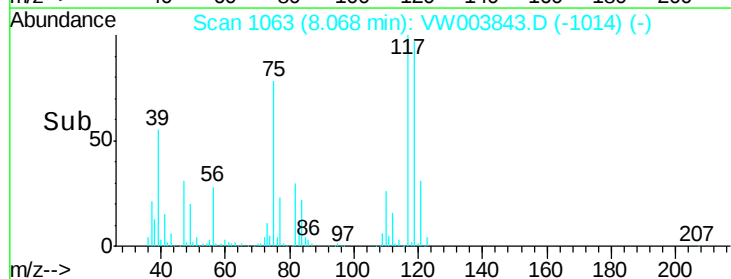
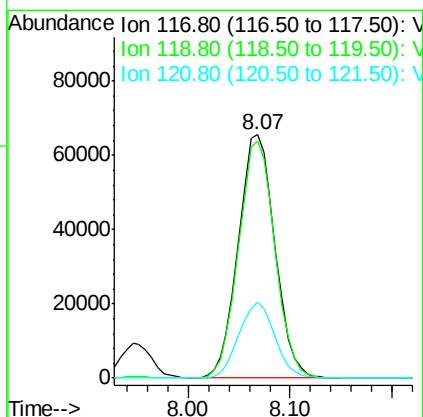
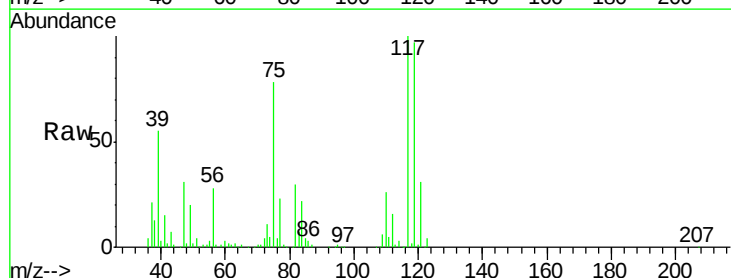
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

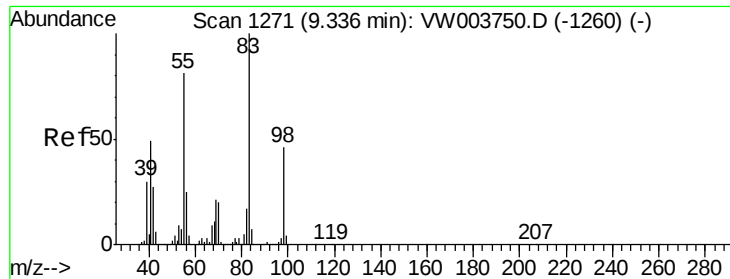
Tot Ion: 43 Resp: 92526
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 9.3 7.5 11.3



#38
Carbon Tetrachloride
Concen: 50.863 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 117 Resp: 163440
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2
121 31.2 24.6 37.0

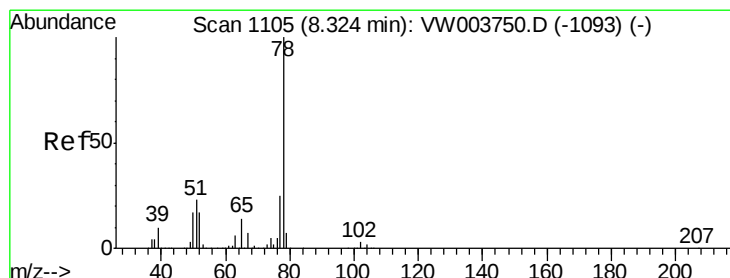
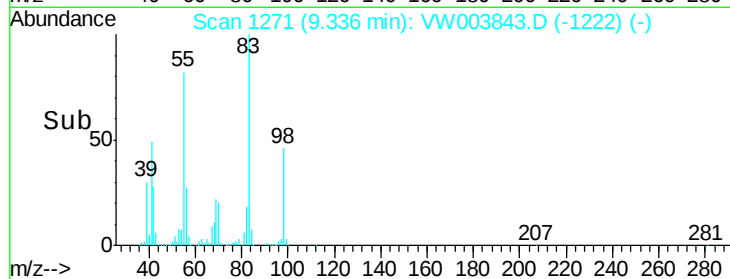
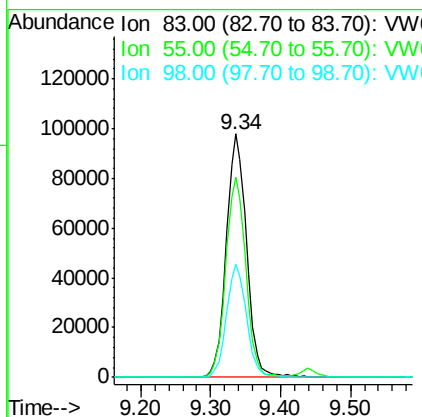
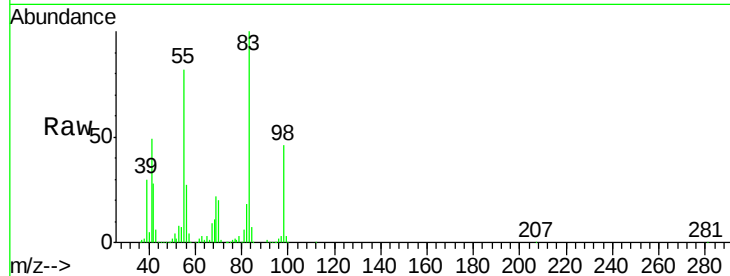




#39
Methvlcvclohexane
Concen: 53.464 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

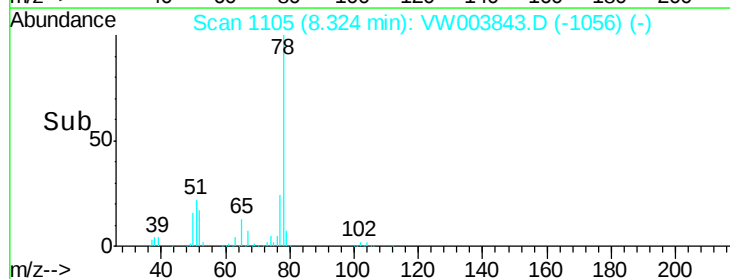
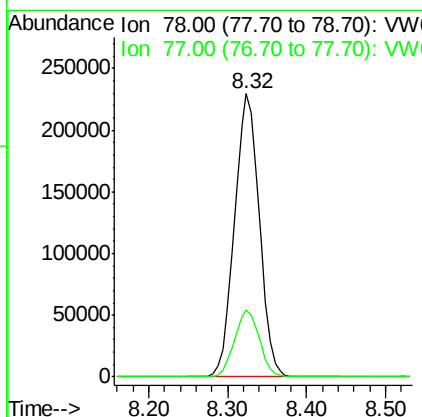
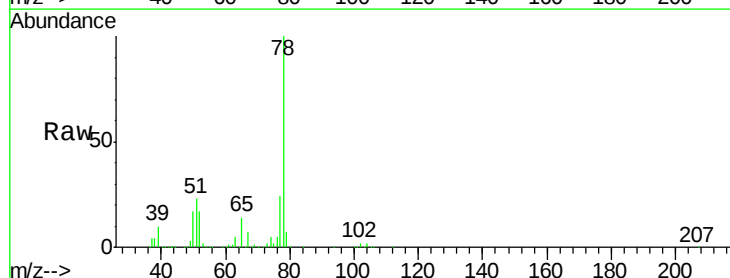
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

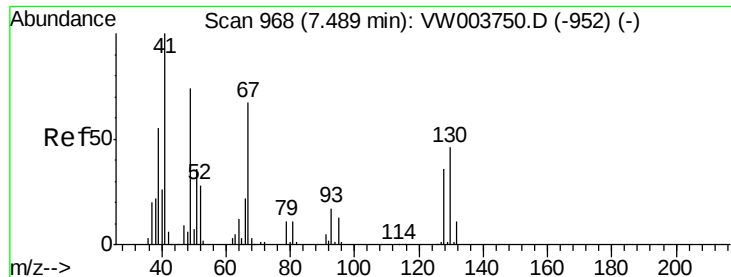
Tot Ion: 83 Resp: 197896
Ion Ratio Lower Upper
83 100
55 82.1 65.1 97.7
98 46.2 36.7 55.1



#40
Benzene
Concen: 51.975 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 78 Resp: 502187
Ion Ratio Lower Upper
78 100
77 23.8 19.7 29.5

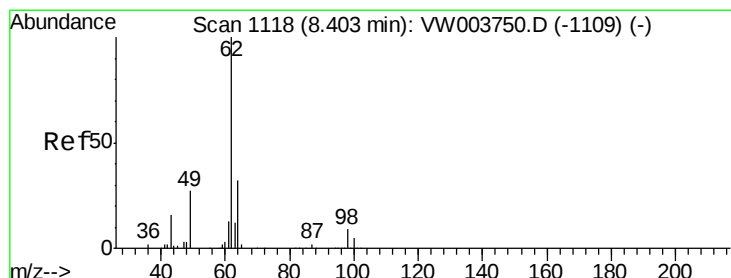
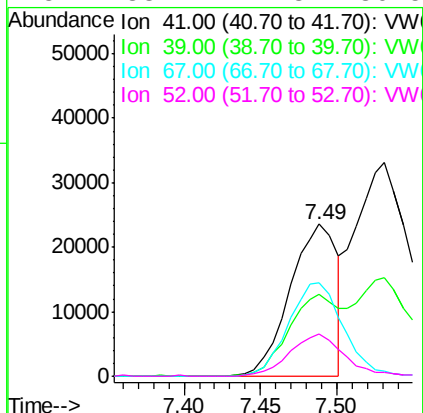
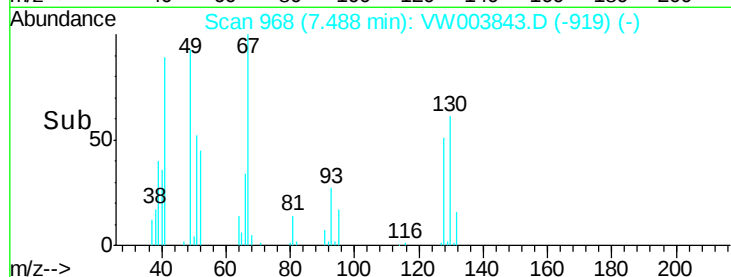
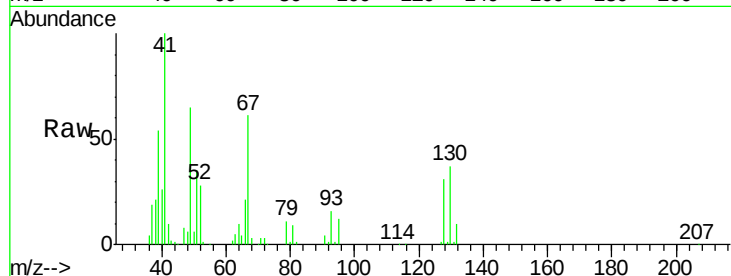




#41
Methacrylonitrile
Concen: 53.282 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

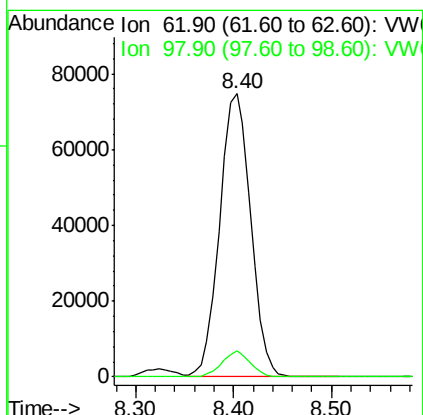
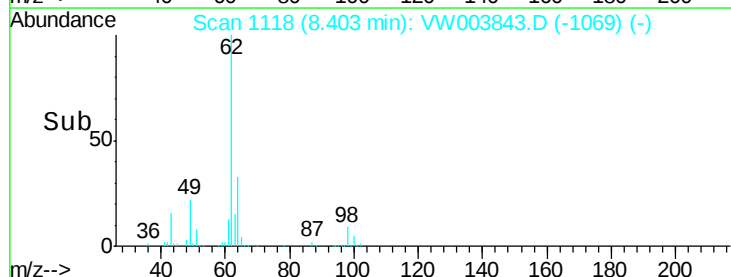
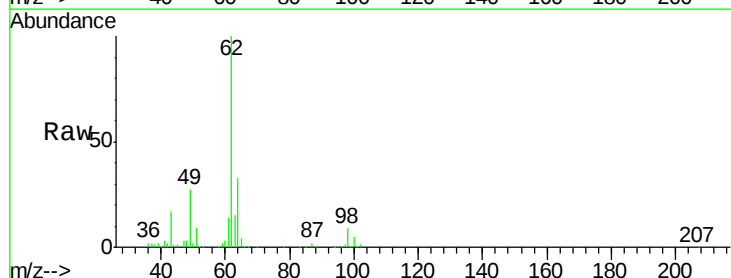
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

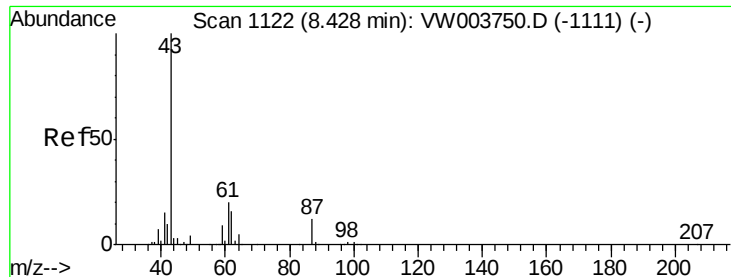
Tot Ion:	41	Resp:	50402
Ion	Ratio	Lower	Upper
41	100		
39	63.1	49.5	74.3
67	71.7	53.8	80.8
52	33.1	24.3	36.5



#42
1,2-Dichloroethane
Concen: 52.613 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion:	62	Resp:	164522
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





#43

Isopropyl Acetate

Concen: 55.611 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

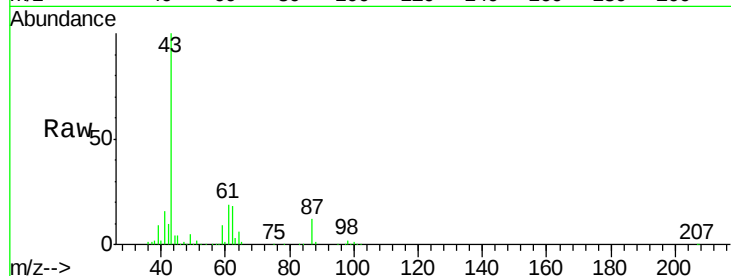
Tot Ion: 43 Resp: 173321

Ion Ratio Lower Upper

43 100

61 27.3 22.8 34.2

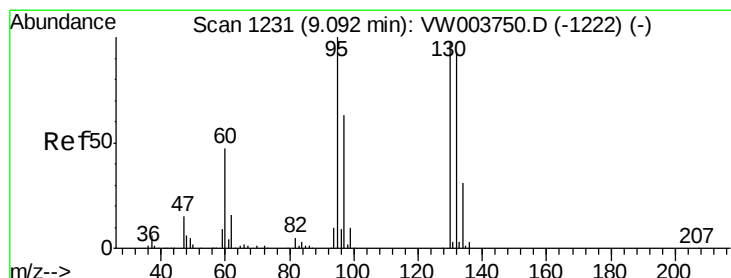
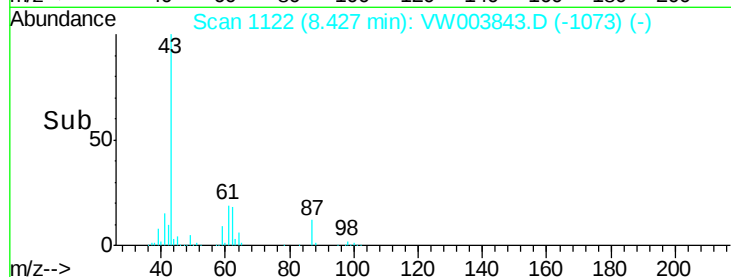
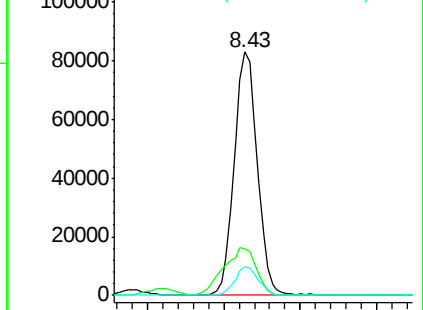
87 11.8 9.5 14.3



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: 51.061 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003843.D

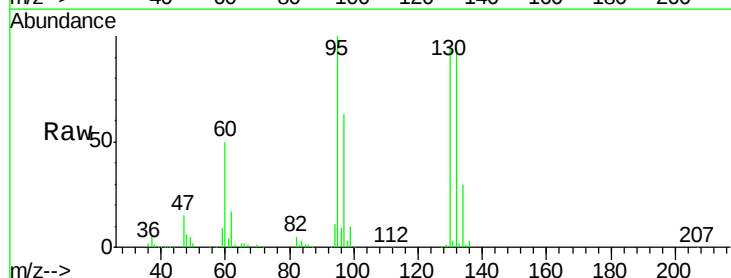
Acq: 11 Jul 2018 00:19

Tgt Ion: 130 Resp: 124376

Ion Ratio Lower Upper

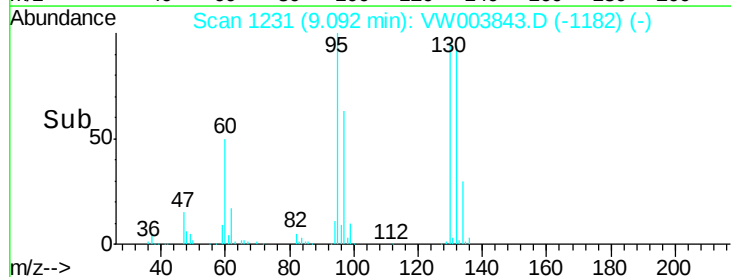
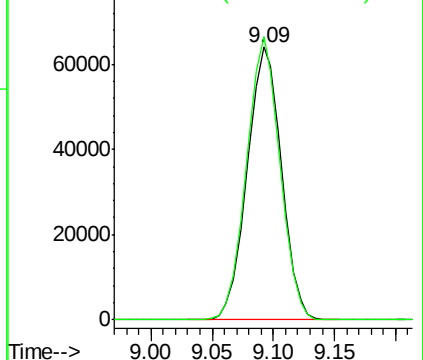
130 100

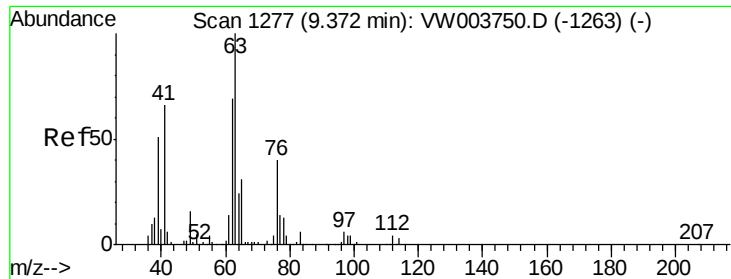
95 103.9 0.0 203.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

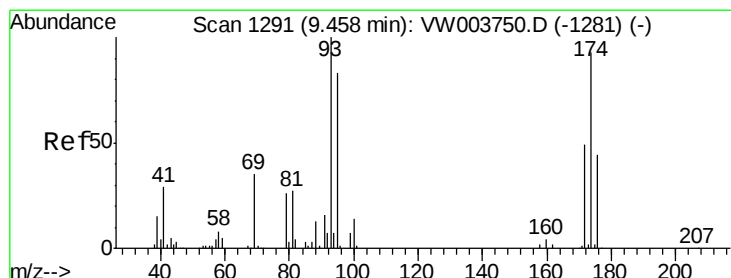
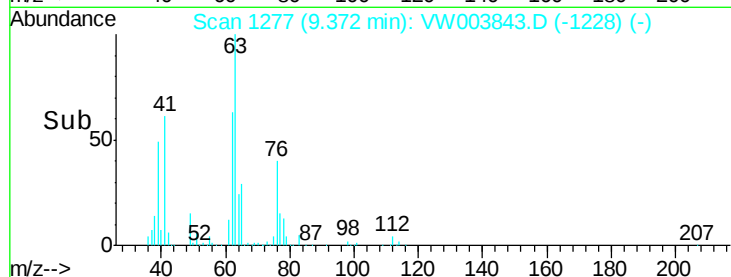
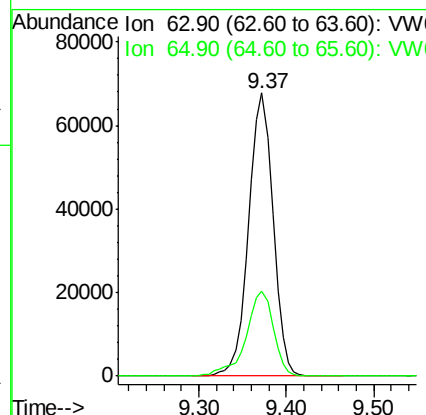
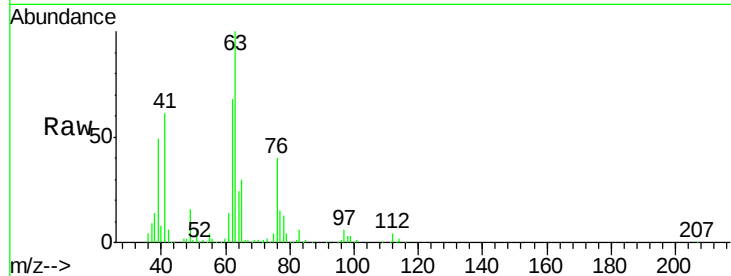




#45
 1,2-Dichloropropane
 Concen: 52.316 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

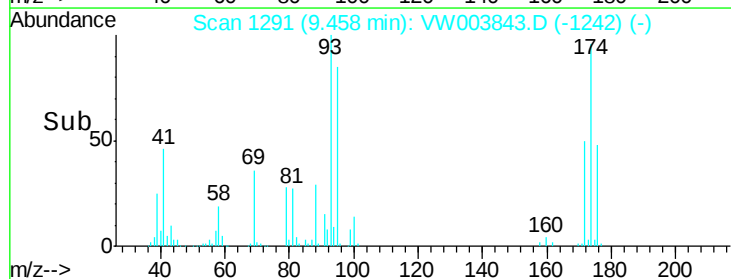
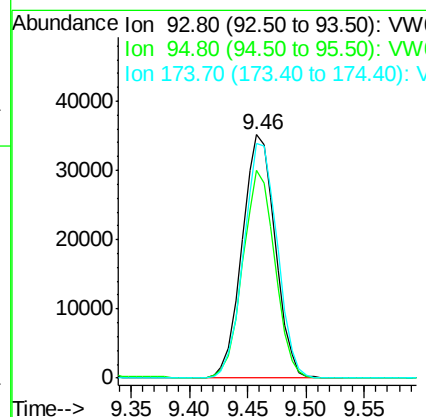
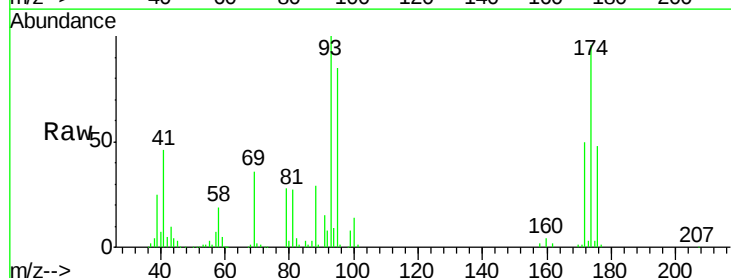
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

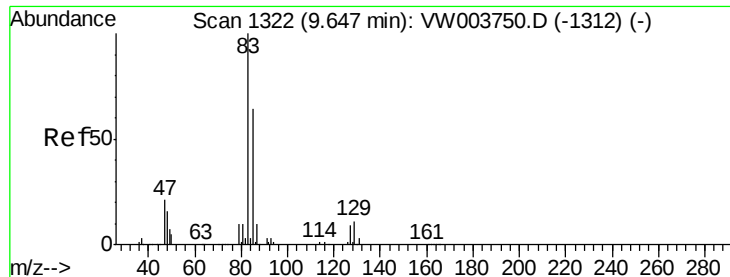
Tot Ion: 63 Resp: 131432
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.9 37.3



#46
 Dibromomethane
 Concen: 52.746 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion: 93 Resp: 69676
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.2 100.8
 174 97.8 78.1 117.1





#47

Bromodichloromethane

Concen: 52.776 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

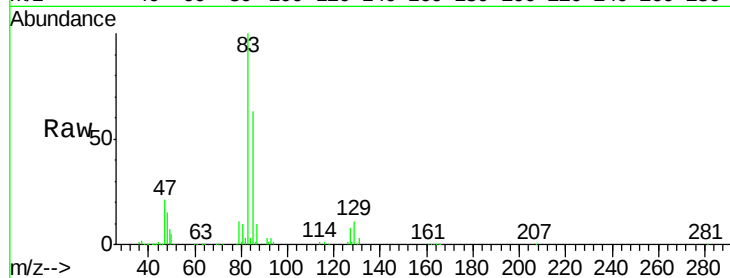
Tot Ion: 83 Resp: 171508

Ion Ratio Lower Upper

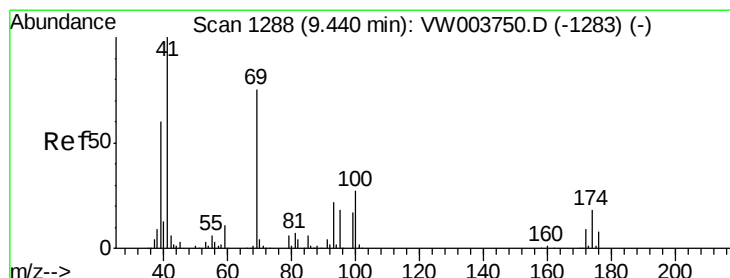
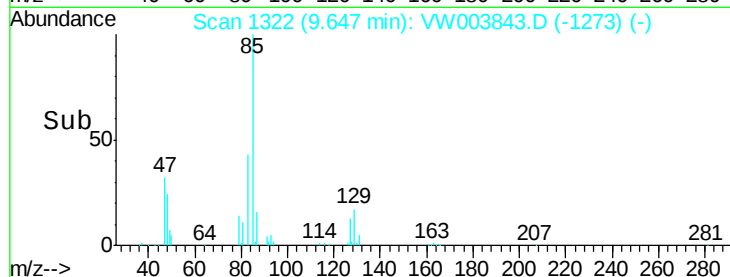
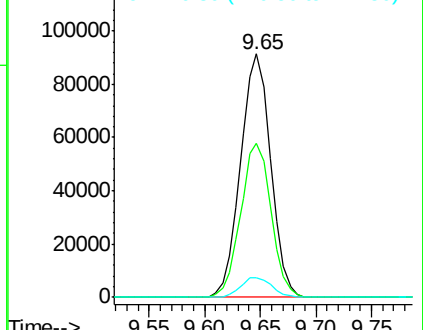
83 100

85 63.3 51.4 77.0

127 8.0 6.8 10.2



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



#48

Methyl methacrylate

Concen: 58.257 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

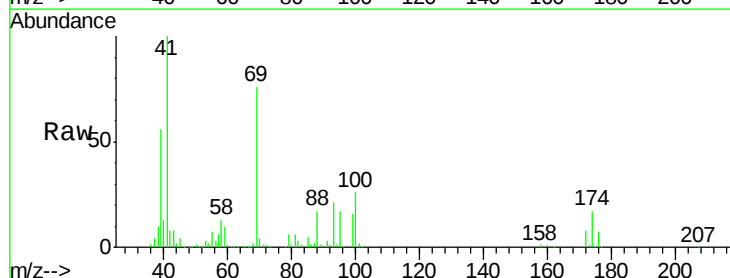
Tgt Ion: 41 Resp: 86470

Ion Ratio Lower Upper

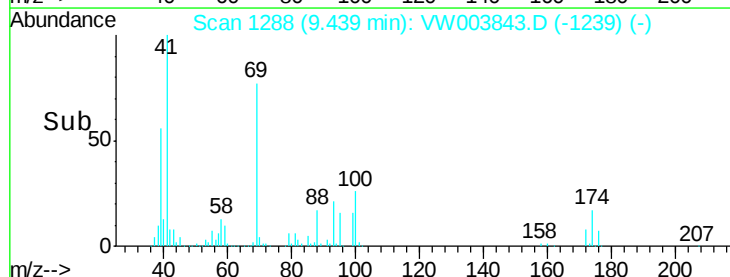
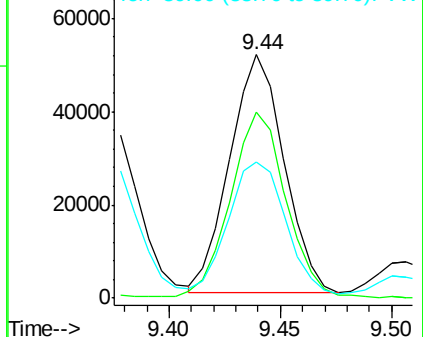
41 100

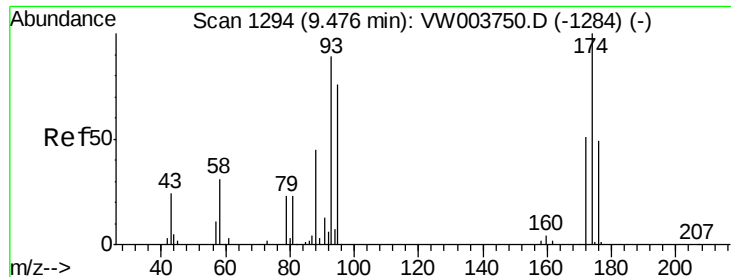
69 80.1 63.8 95.8

39 62.0 50.2 75.2



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

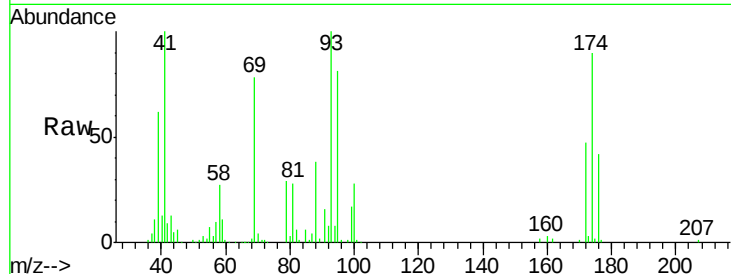




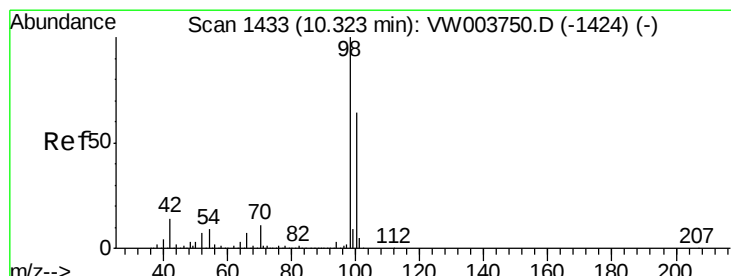
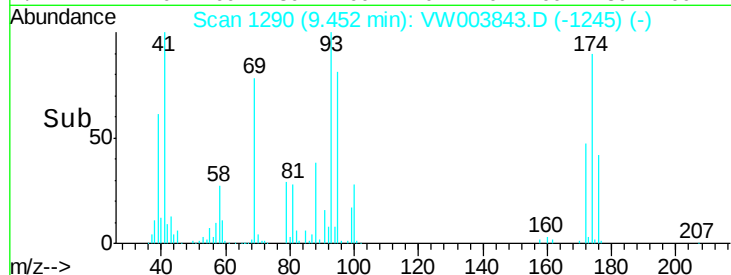
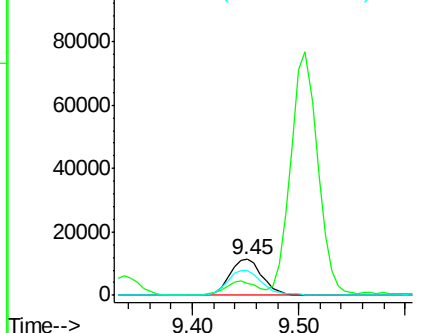
#49
 1,4-Dioxane
 Concen: 1238.884 ug/l
 RT: 9.45 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 24459
 Ion Ratio Lower Upper
 88 100
 43 37.1 0.0 0.0#
 58 75.9 59.7 89.5

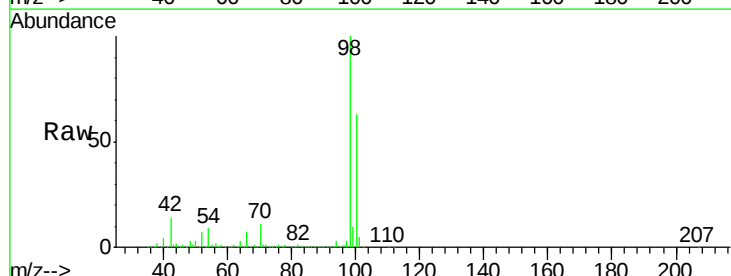


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

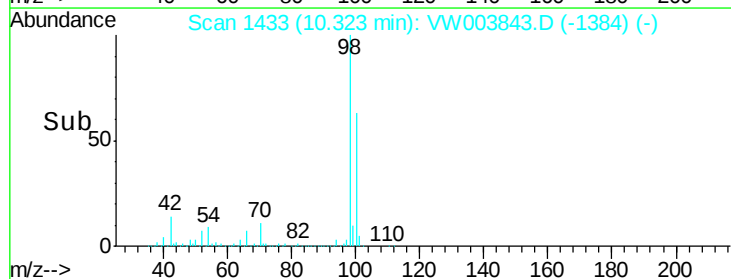
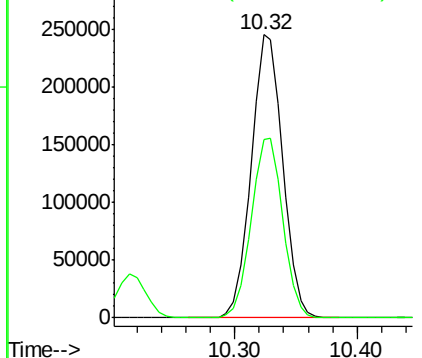


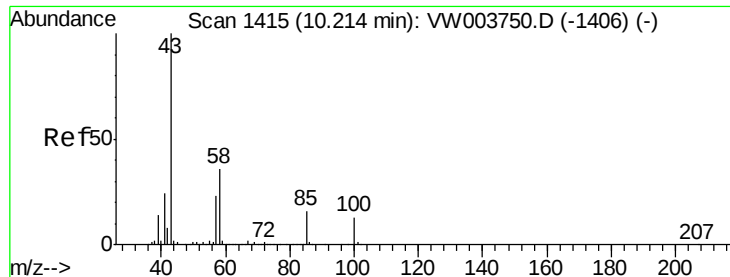
#50
 Toluene-d8
 Concen: 51.536 ug/l
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion: 98 Resp: 439469
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

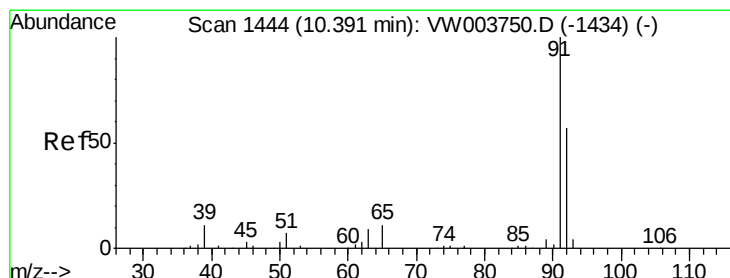
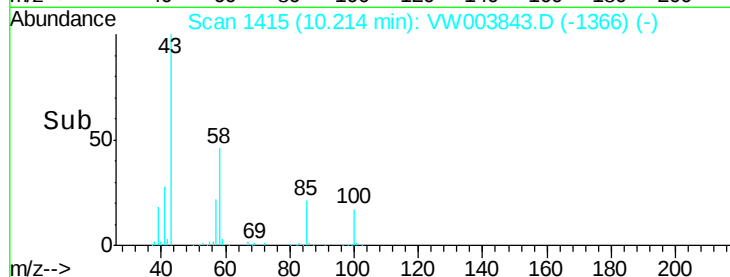
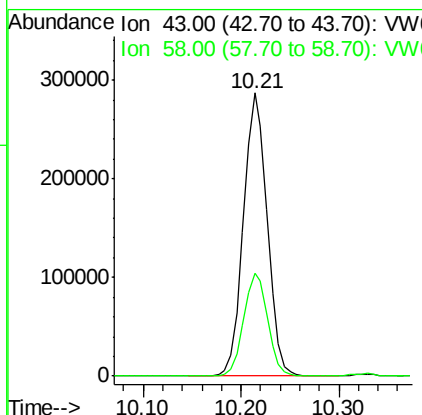
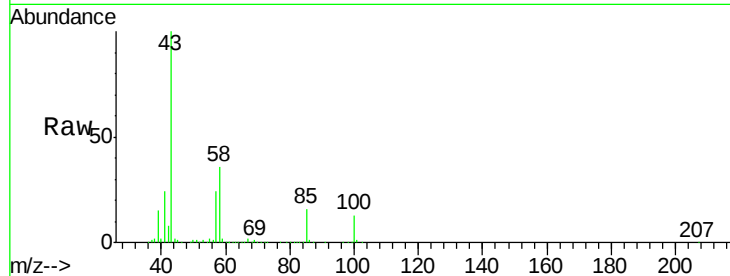




#51
4-Methyl-2-Pentanone
Concen: 298.953 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

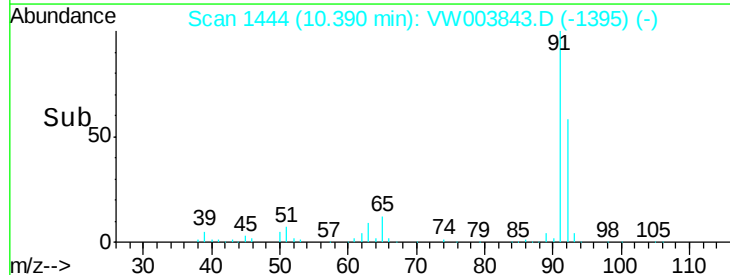
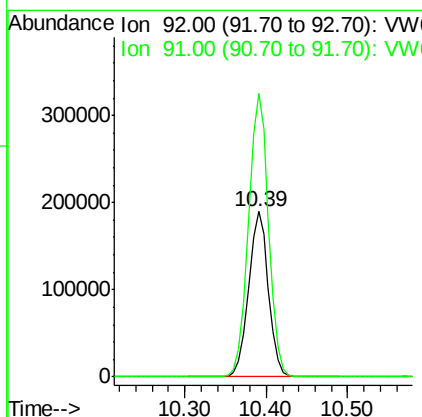
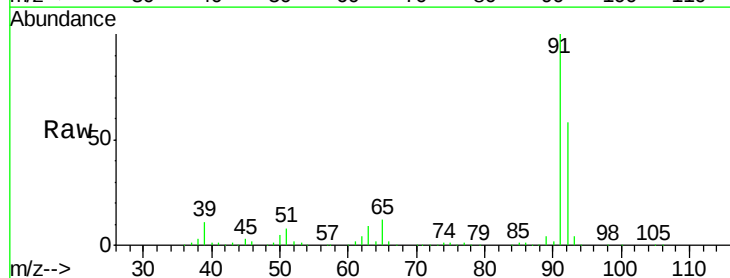
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

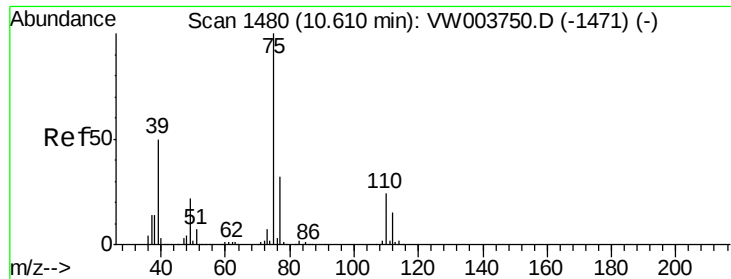
Tot Ion: 43 Resp: 482151
Ion Ratio Lower Upper
43 100
58 36.6 29.3 43.9



#52
Toluene
Concen: 53.289 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 92 Resp: 319268
Ion Ratio Lower Upper
92 100
91 174.4 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 53.982 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

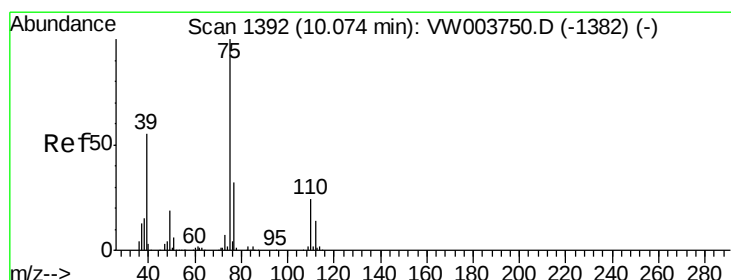
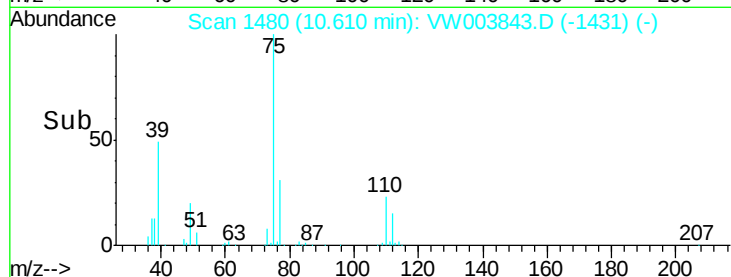
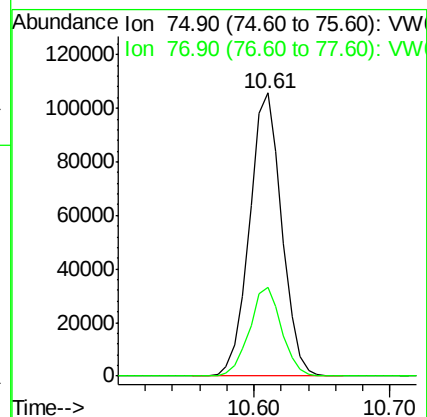
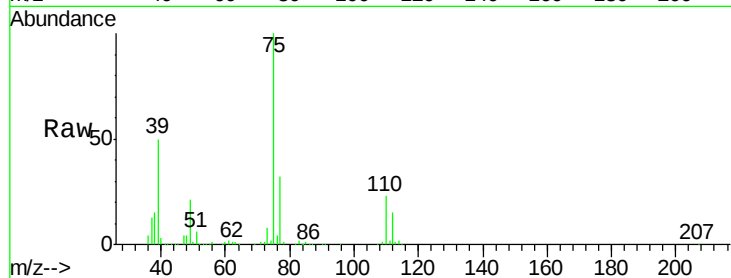
VSTDCCC050

Tot Ion: 75 Resp: 175156

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.928 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

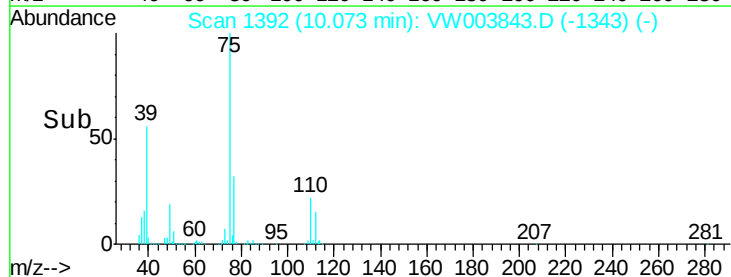
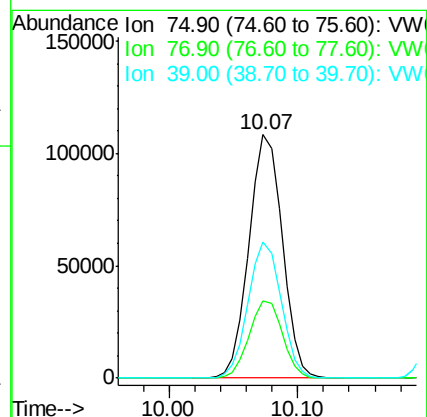
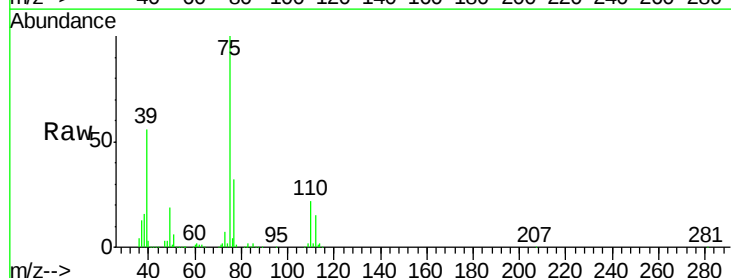
Tgt Ion: 75 Resp: 193866

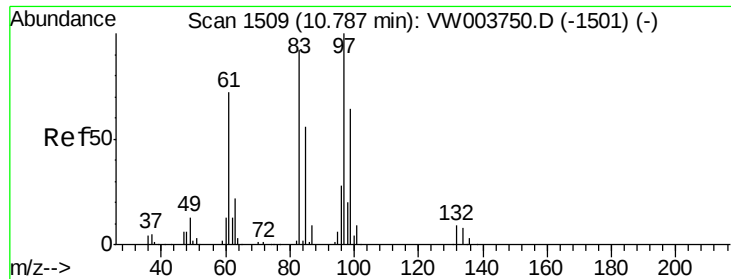
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 56.0 43.6 65.4





#55

1,1,2-Trichloroethane

Concen: 53.442 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 98049

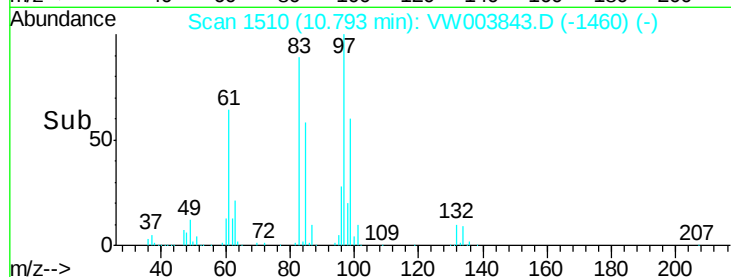
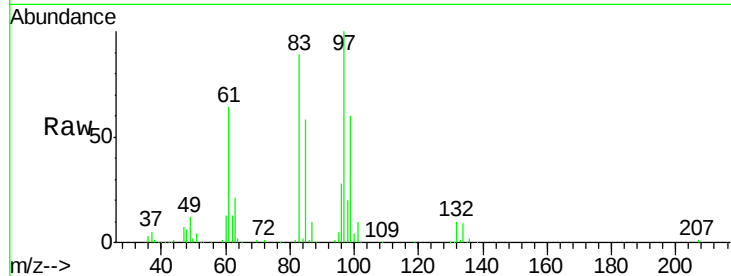
Ion	Ratio	Lower	Upper
97	100		
83	88.9	73.8	110.6
85	58.0	45.0	67.4
99	59.5	51.2	76.8

97 100

83 88.9 73.8 110.6

85 58.0 45.0 67.4

99 59.5 51.2 76.8



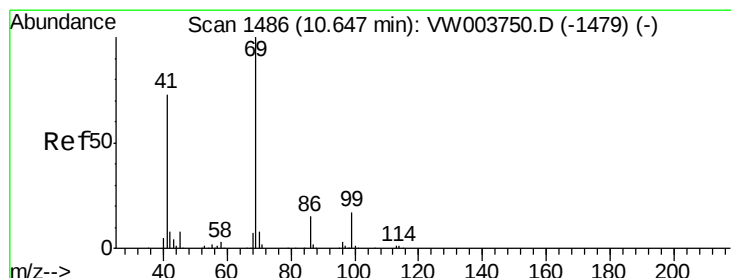
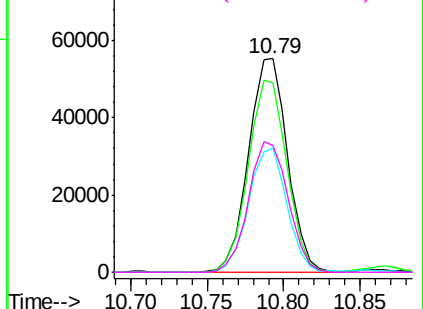
Abundance

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: 58.622 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

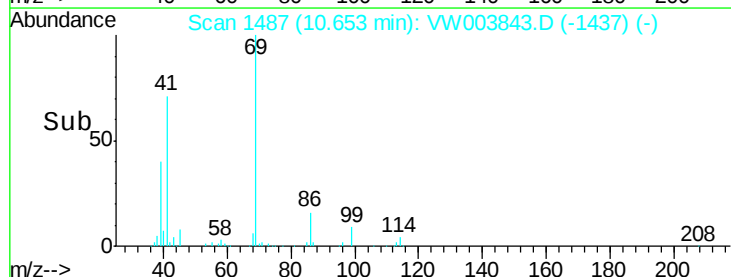
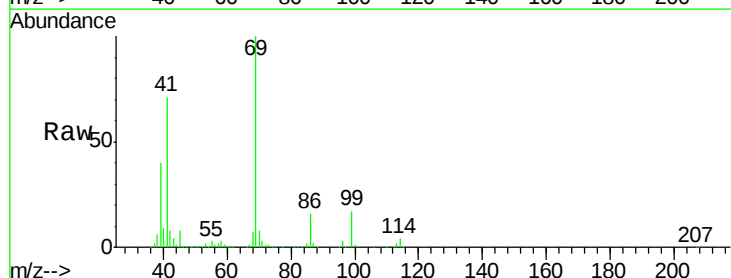
Tgt Ion: 69 Resp: 131246

Ion	Ratio	Lower	Upper
69	100		
41	74.5	59.0	88.4
39	41.5	32.8	49.2

69 100

41 74.5 59.0 88.4

39 41.5 32.8 49.2

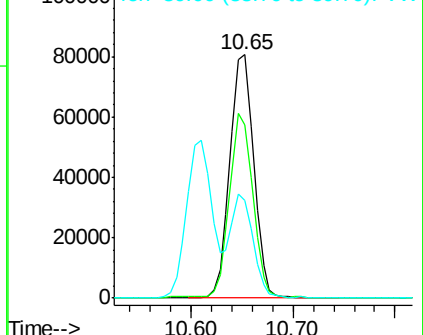


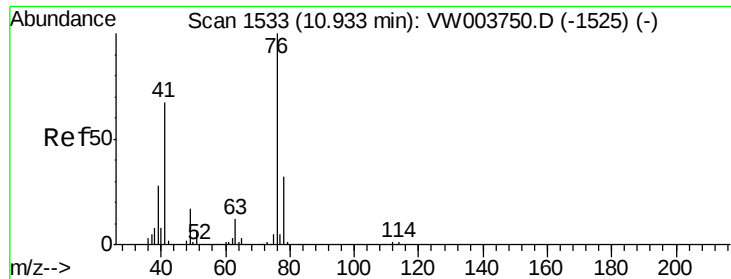
Abundance

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

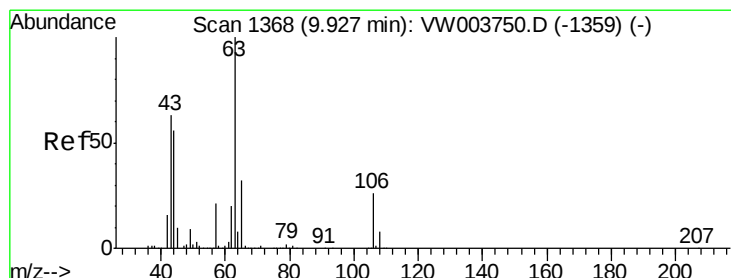
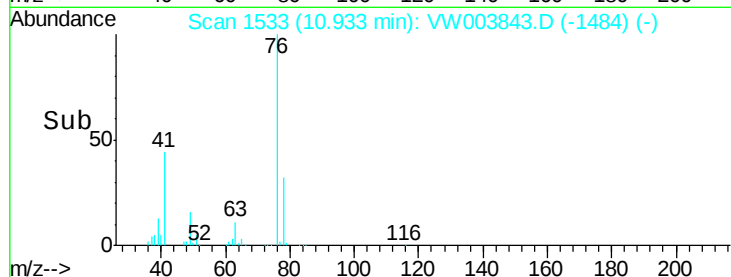
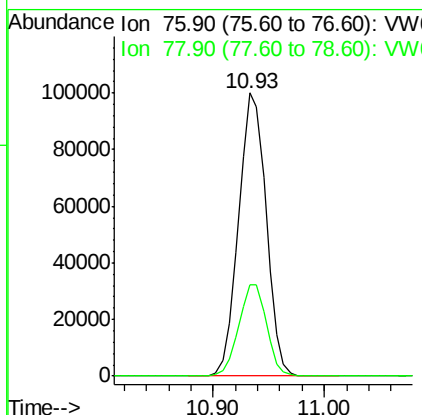
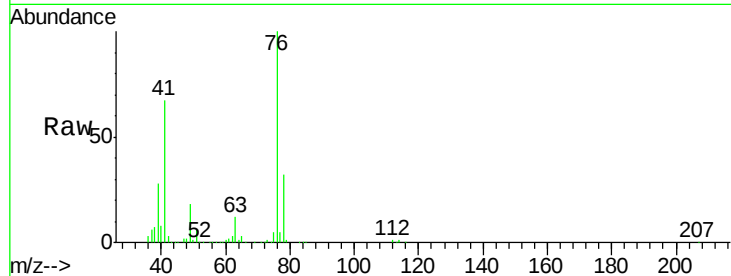




#57
 1,3-Dichloropropane
 Concen: 53.772 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

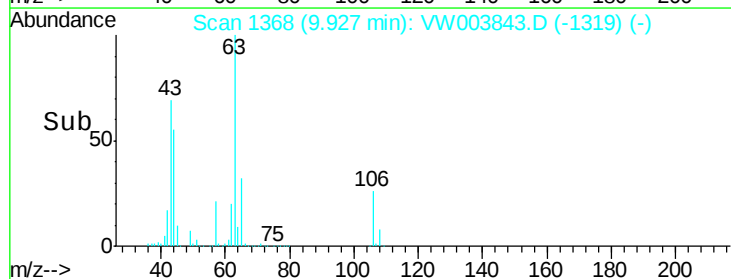
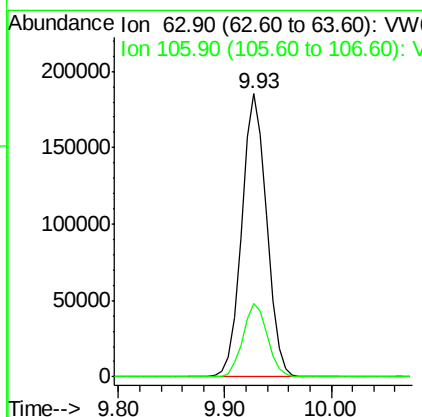
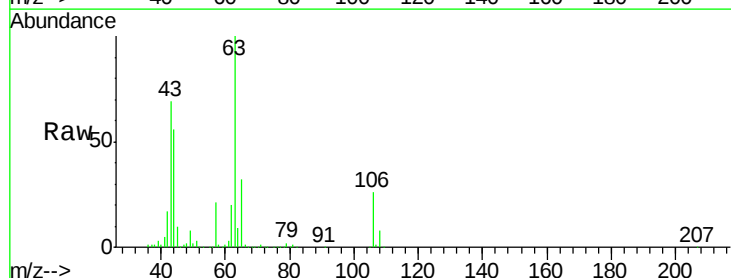
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

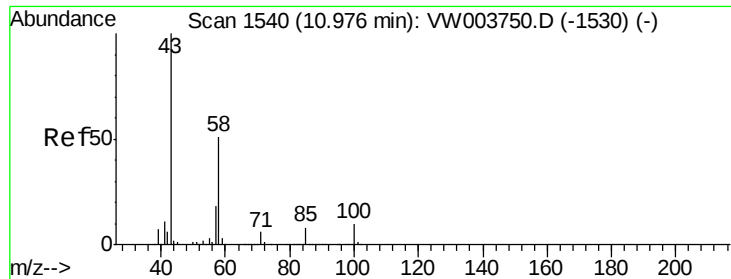
Tot Ion: 76 Resp: 171948
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.228 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion: 63 Resp: 303695
 Ion Ratio Lower Upper
 63 100
 106 25.7 20.9 31.3

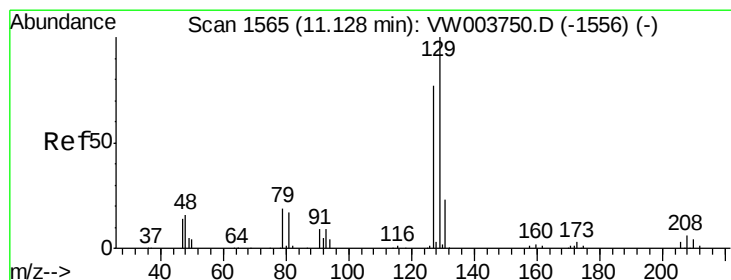
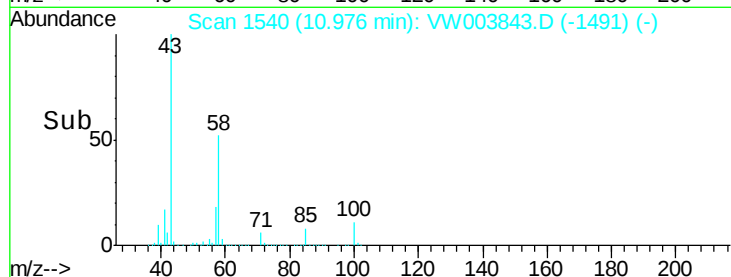
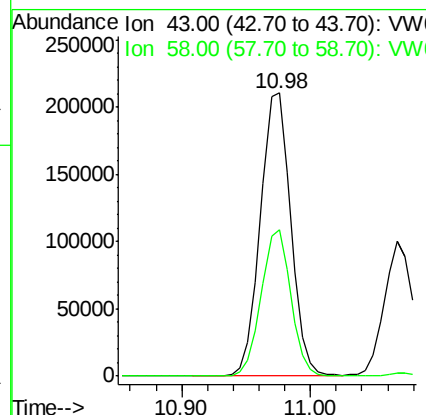
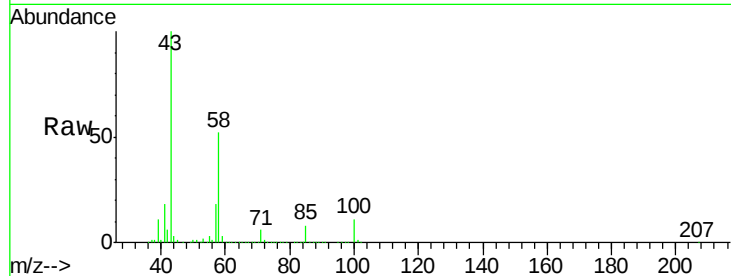




#59
2-Hexanone
Concen: 309.950 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

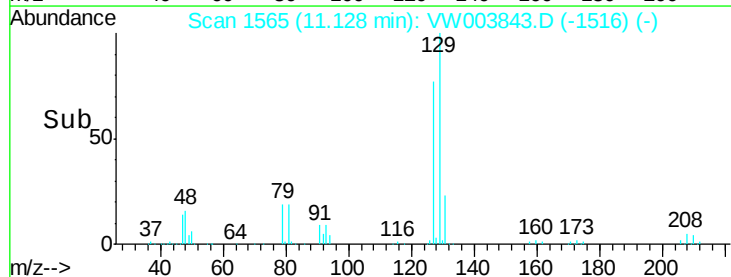
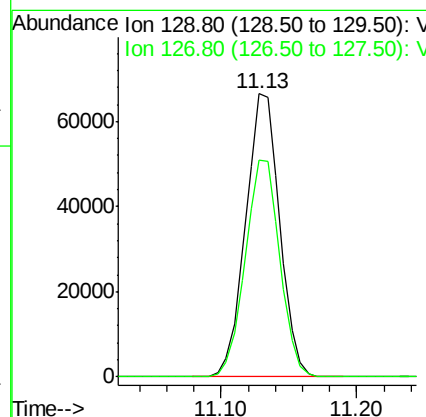
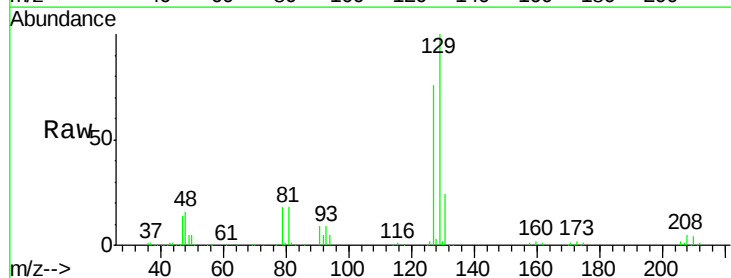
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

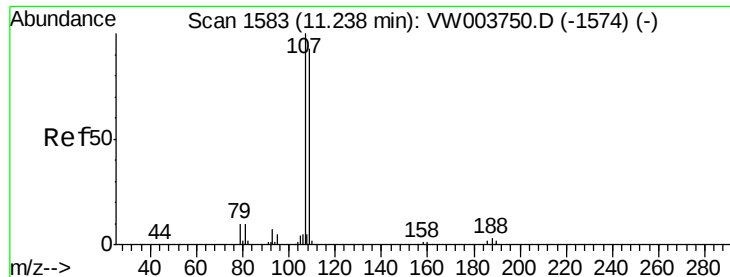
Tot Ion: 43 Resp: 343265
Ion Ratio Lower Upper
43 100
58 50.3 25.4 76.2



#60
Dibromochloromethane
Concen: 54.435 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 129 Resp: 116581
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 53.917 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

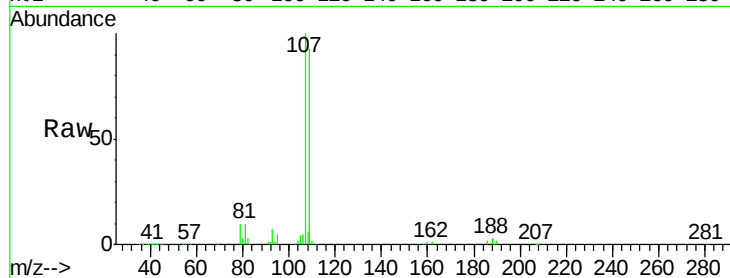
VSTDCCC050

Tot Ion:107 Resp: 94598

Ion Ratio Lower Upper

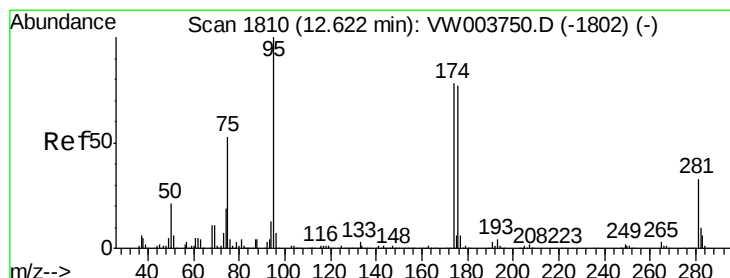
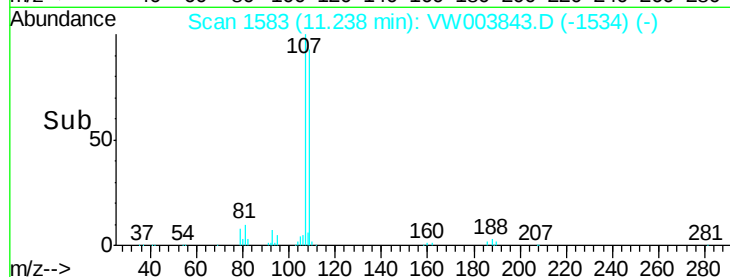
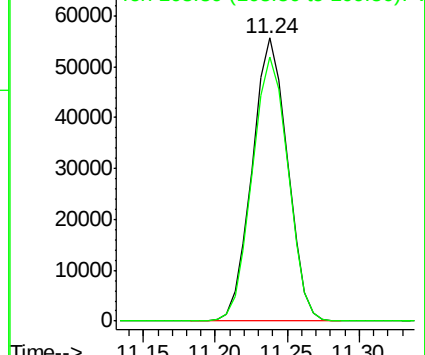
107 100

109 94.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.886 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

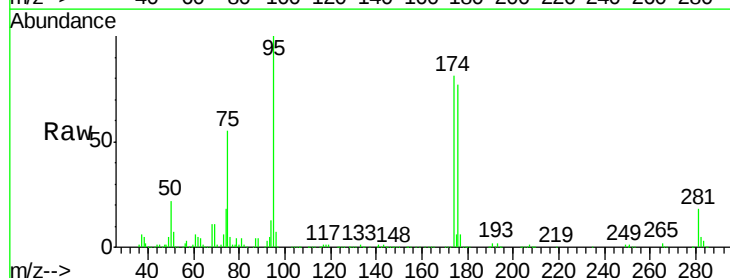
Tgt Ion: 95 Resp: 160089

Ion Ratio Lower Upper

95 100

174 81.8 0.0 163.4

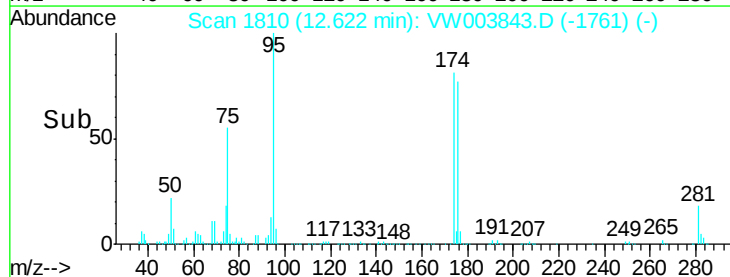
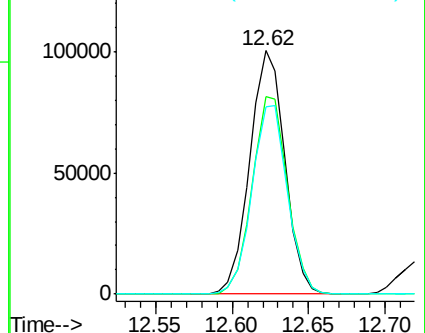
176 78.6 0.0 156.8

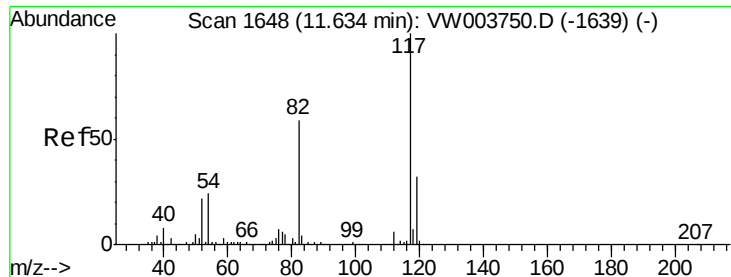


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

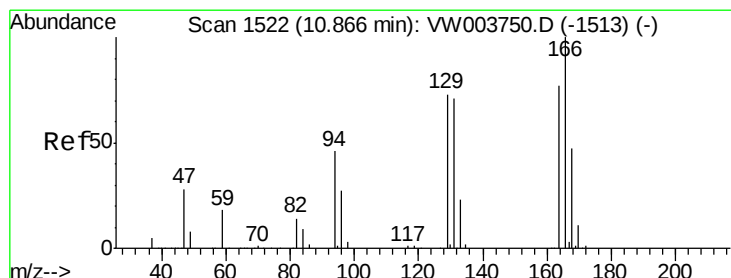
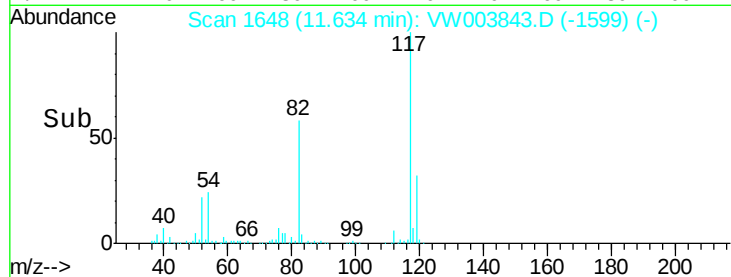
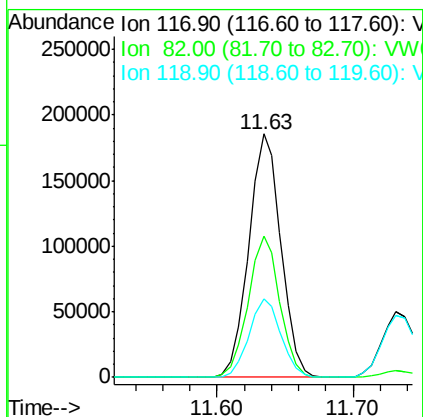
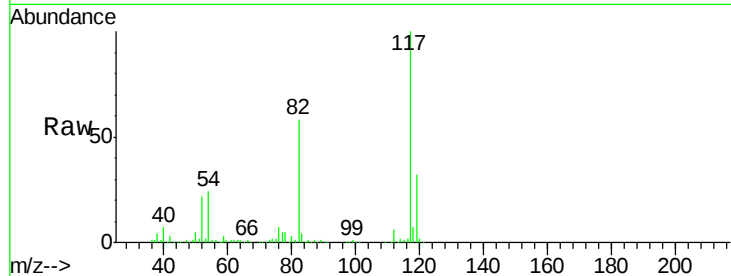




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

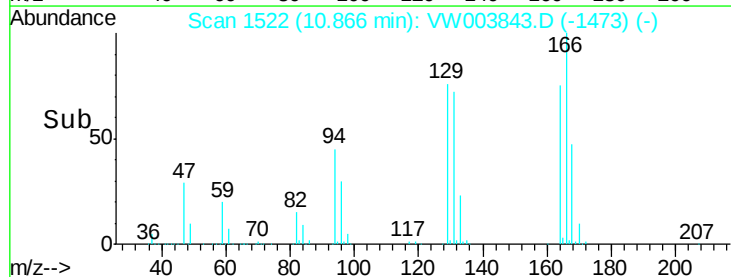
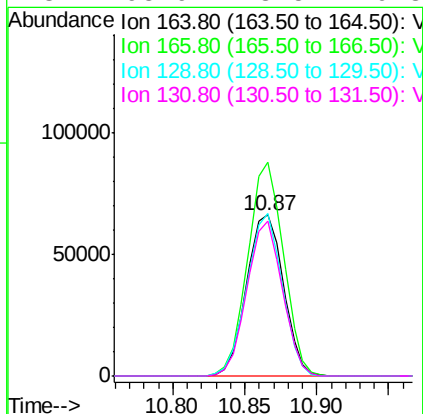
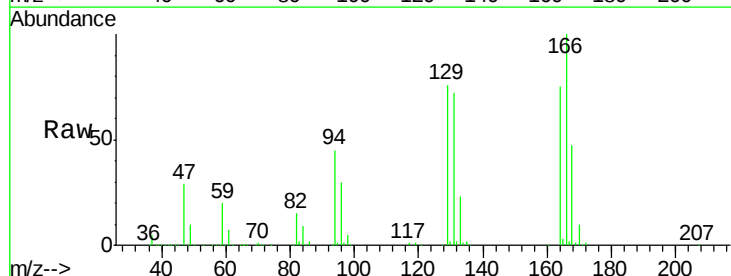
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

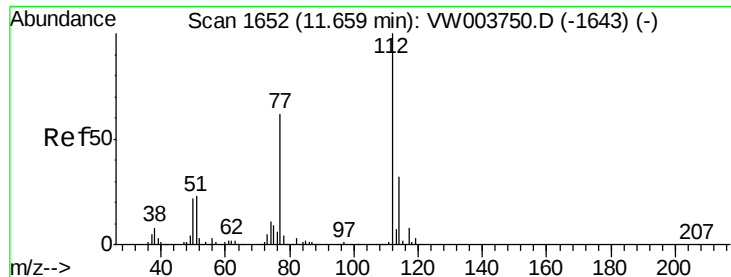
Tot Ion:117 Resp: 307018
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 51.474 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion:164 Resp: 116898
Ion Ratio Lower Upper
164 100
166 132.8 104.2 156.4
129 100.8 75.8 113.8
131 95.9 73.5 110.3





#65

Chlorobenzene

Concen: 51.475 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

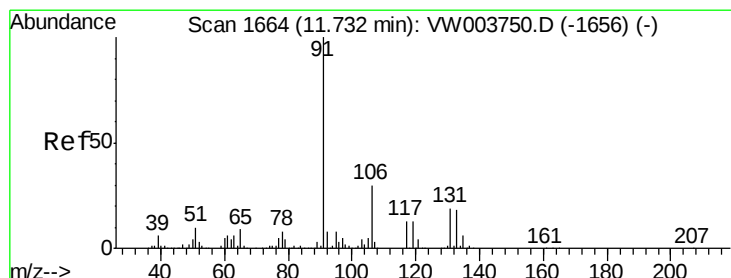
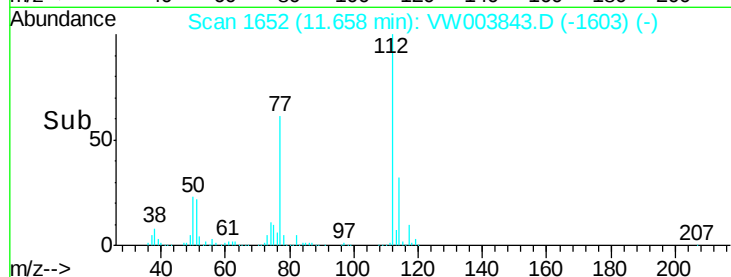
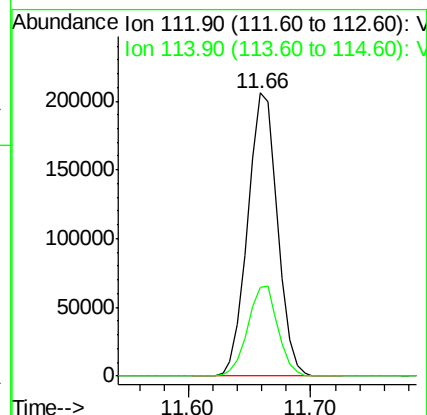
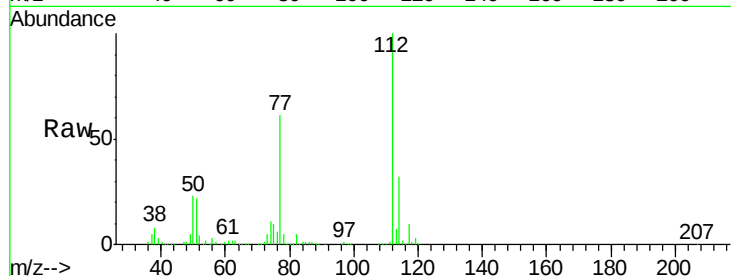
VSTDCCC050

Tot Ion:112 Resp: 348389

Ion Ratio Lower Upper

112 100

114 31.6 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.872 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

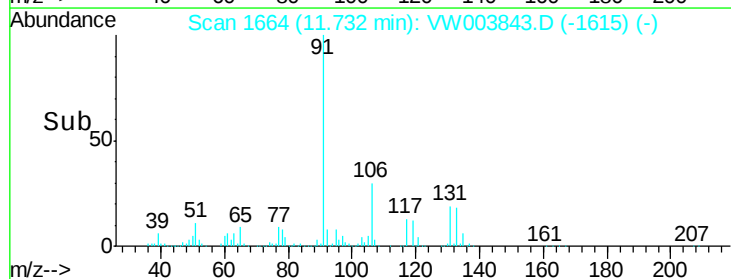
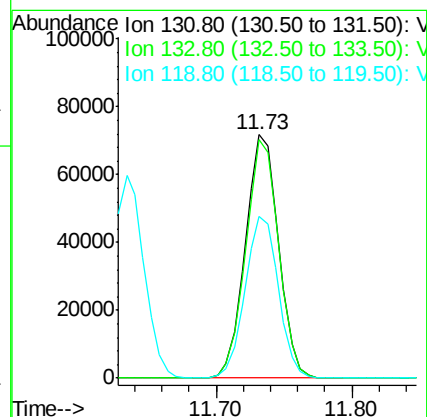
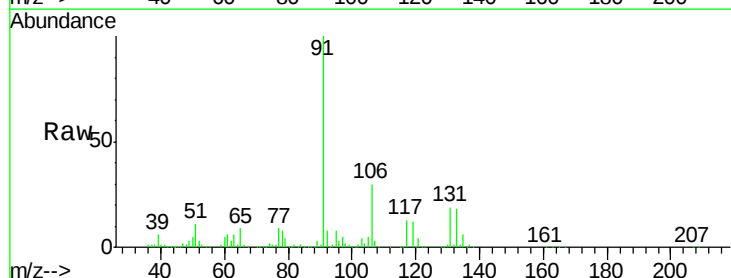
Tgt Ion:131 Resp: 122683

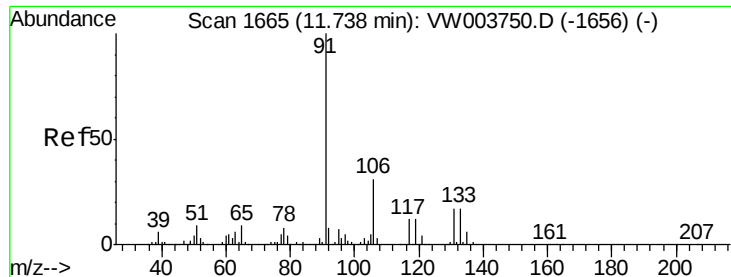
Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.2

119 66.6 33.2 99.6

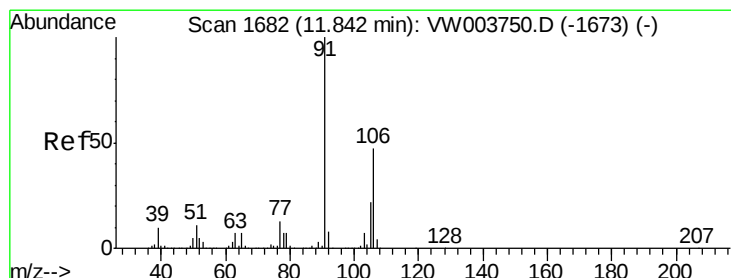
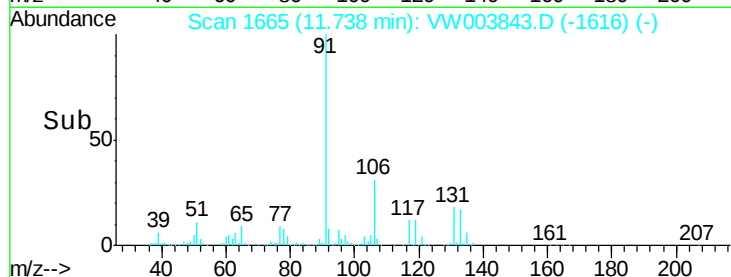
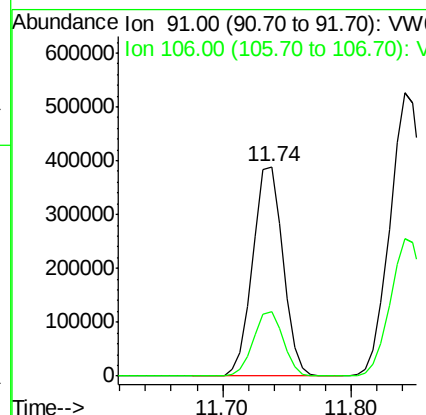
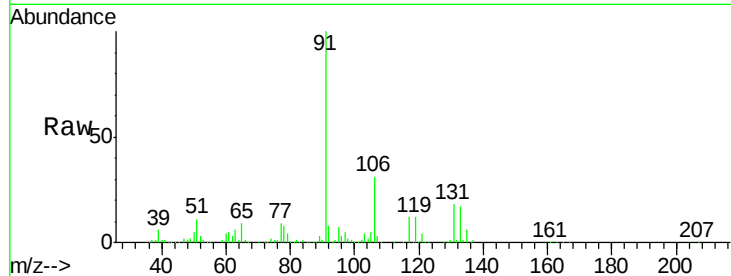




#67
Ethyl Benzene
Concen: 54.268 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

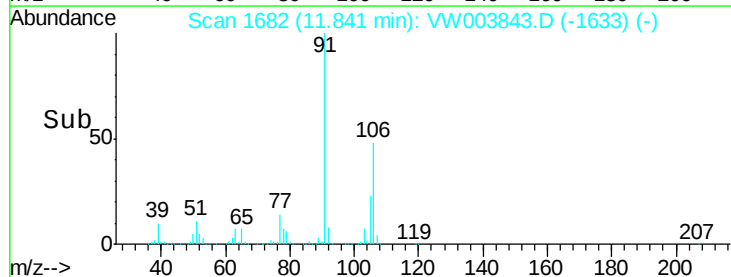
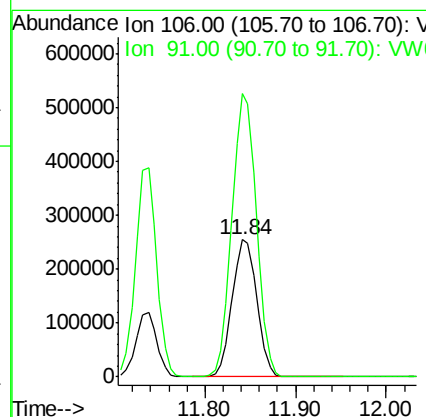
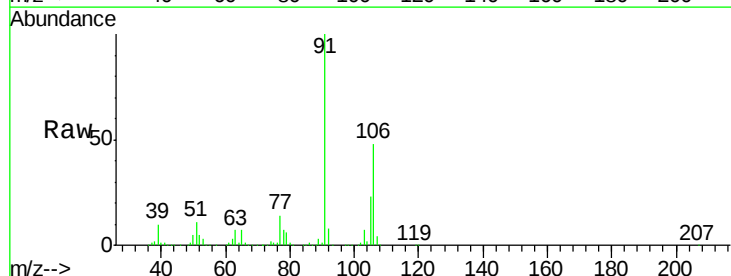
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

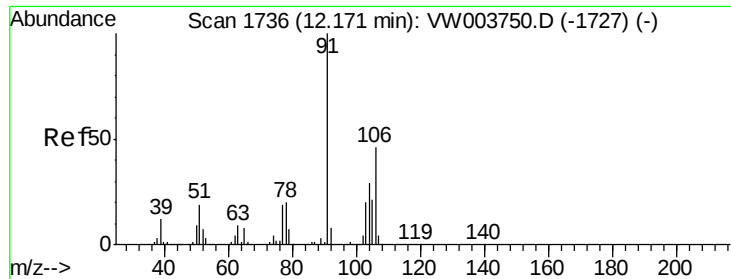
Tot Ion: 91 Resp: 628046
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0



#68
m/p-Xylenes
Concen: 108.143 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 106 Resp: 479255
Ion Ratio Lower Upper
106 100
91 204.9 164.3 246.5

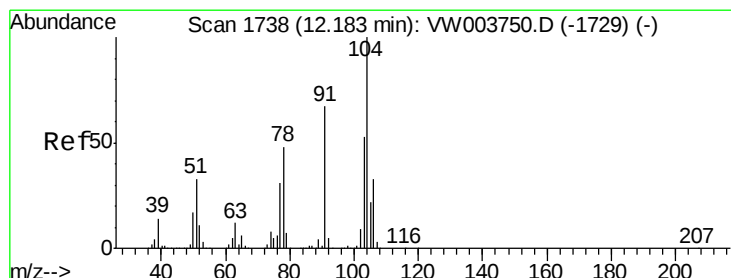
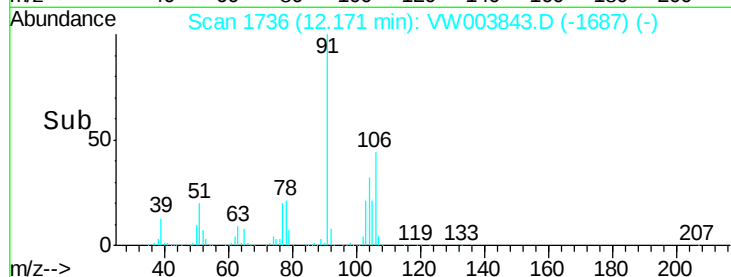
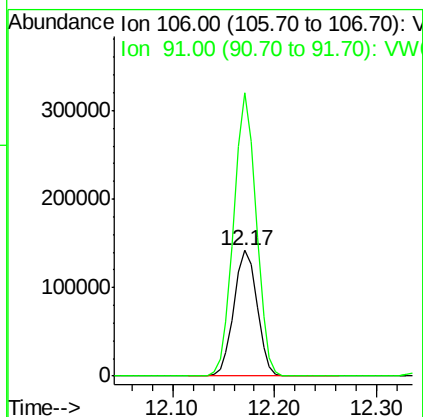
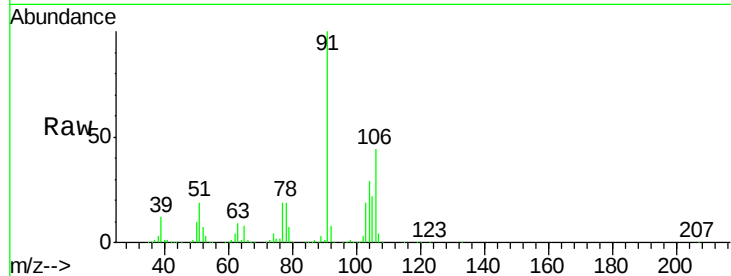




#69
o-Xylene
Concen: 54.586 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

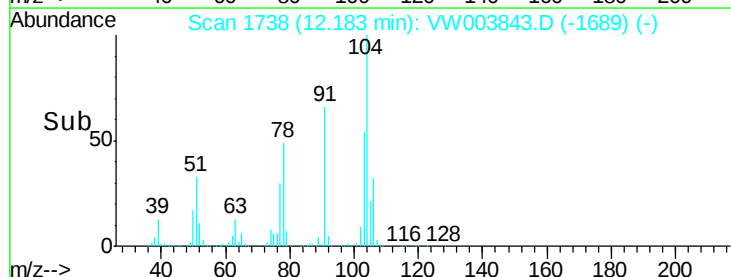
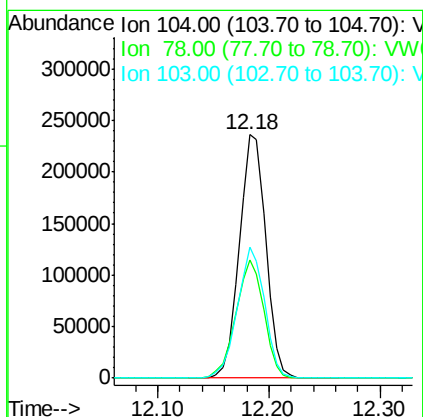
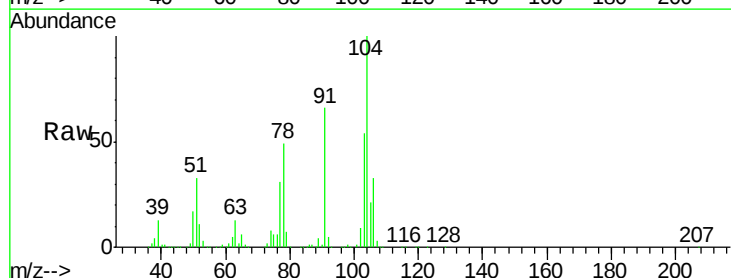
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

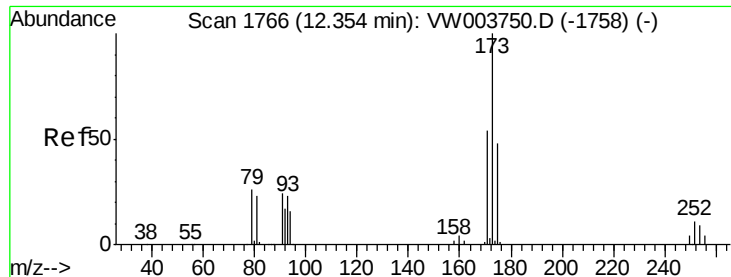
Tot Ion:106 Resp: 223213
Ion Ratio Lower Upper
106 100
91 218.0 109.1 327.2



#70
Styrene
Concen: 55.990 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion:104 Resp: 389341
Ion Ratio Lower Upper
104 100
78 51.1 41.1 61.7
103 55.4 44.6 67.0

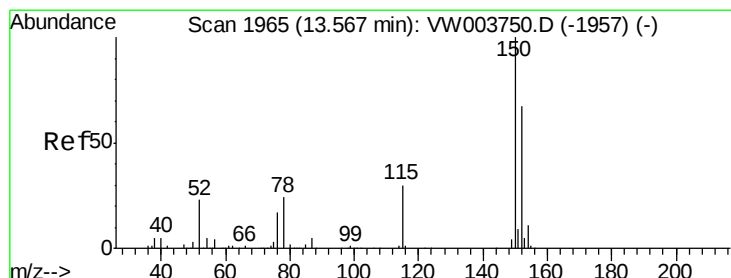
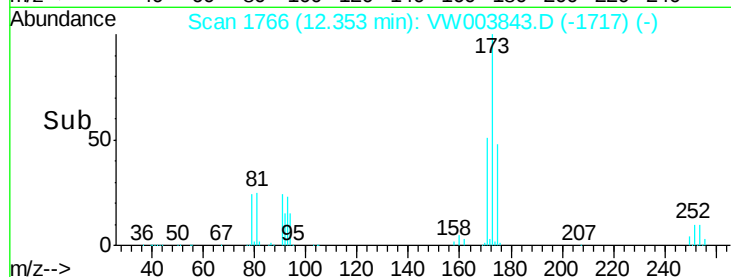
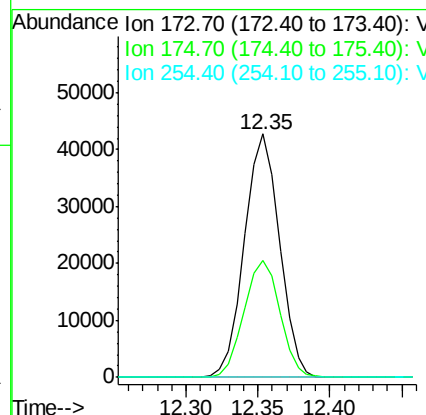
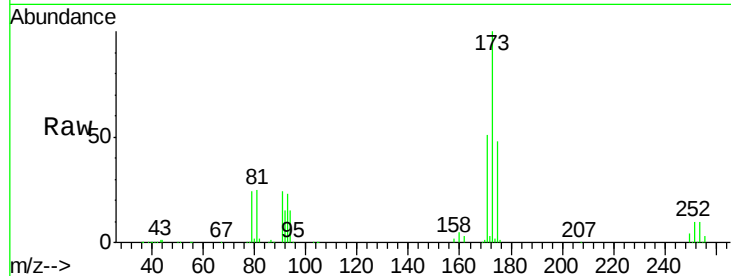




#71
Bromoform
Concen: 55.287 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

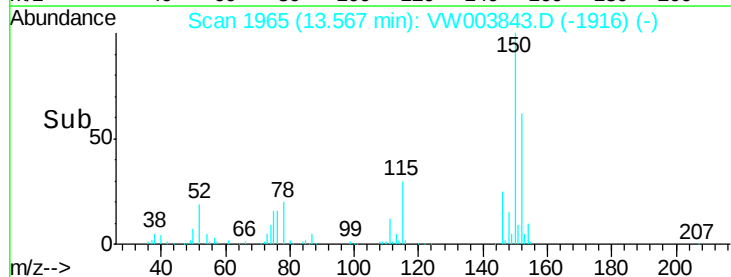
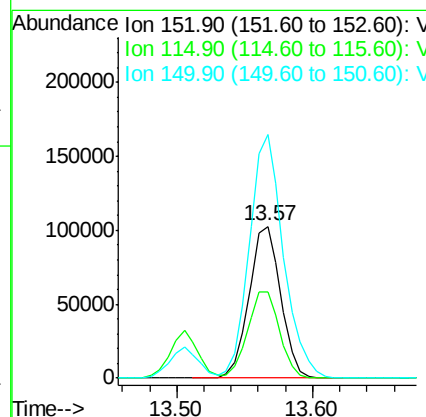
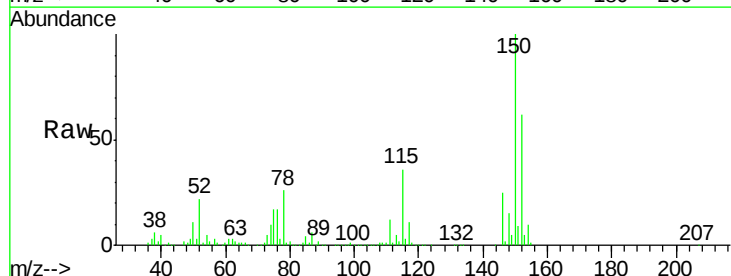
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

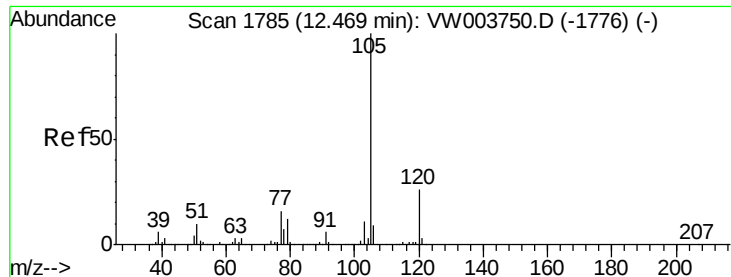
Tot Ion:173 Resp: 72163
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion:152 Resp: 166466
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 173.4 0.0 342.4





#73

Isopropylbenzene

Concen: 54.619 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

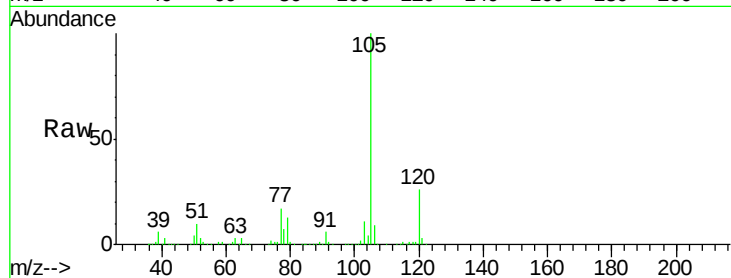
VSTDCCC050

Tot Ion:105 Resp: 615749

Ion Ratio Lower Upper

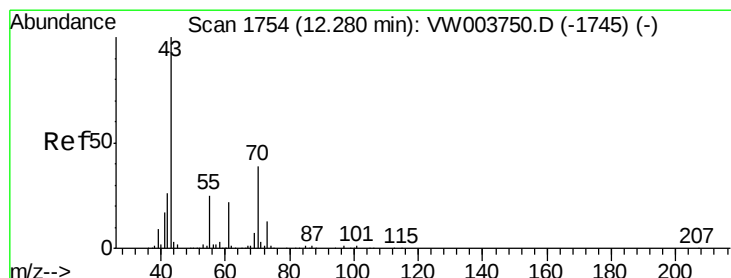
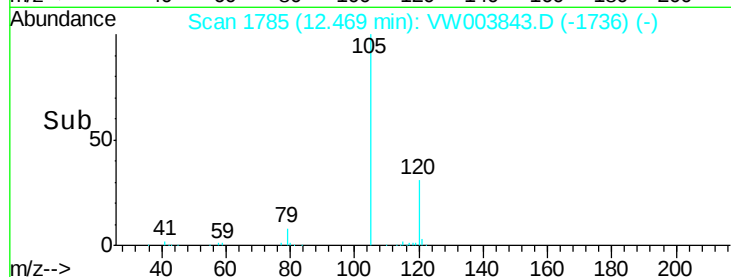
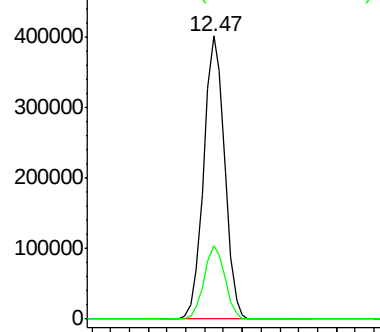
105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.976 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion: 43 Resp: 174107

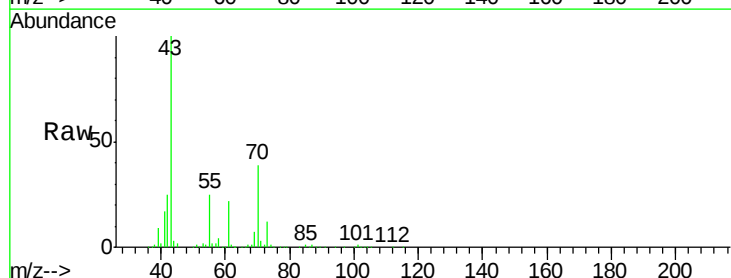
Ion Ratio Lower Upper

43 100

70 38.7 31.3 46.9

55 25.8 20.1 30.1

61 22.4 17.7 26.5

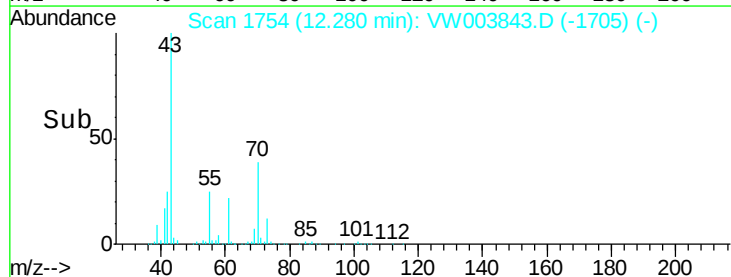
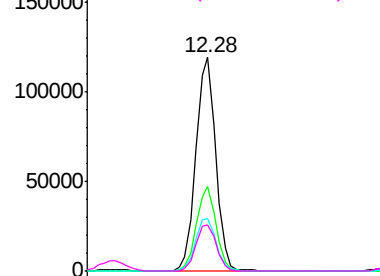


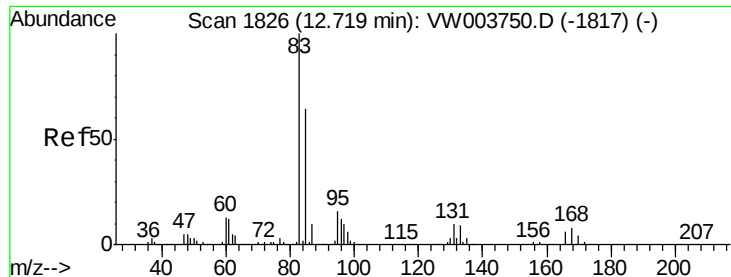
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.484 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

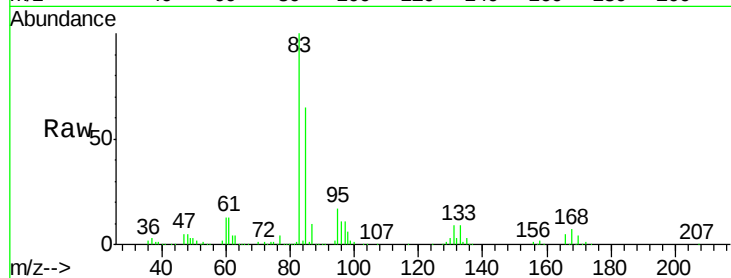
Tot Ion: 83 Resp: 124517

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

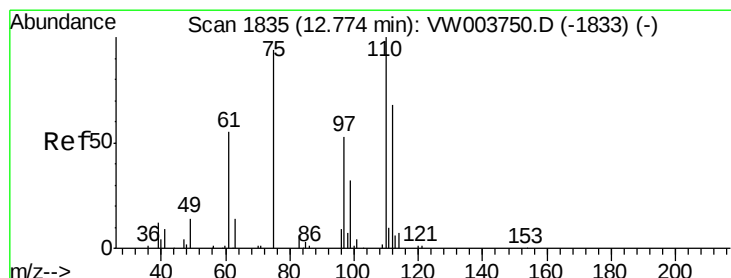
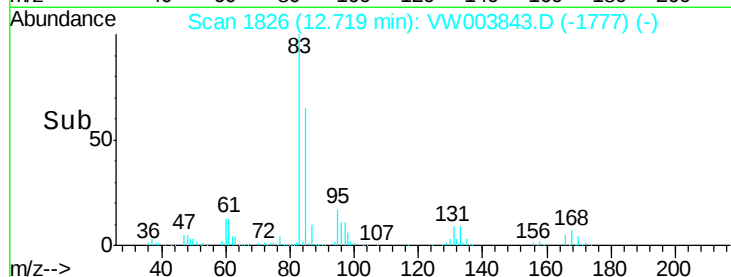
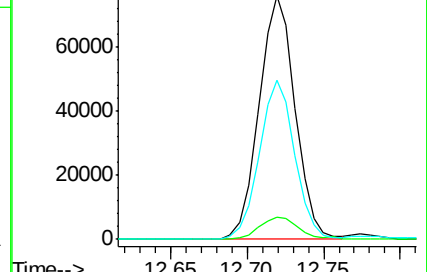
85 64.3 32.1 96.3



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: 100.529 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003843.D

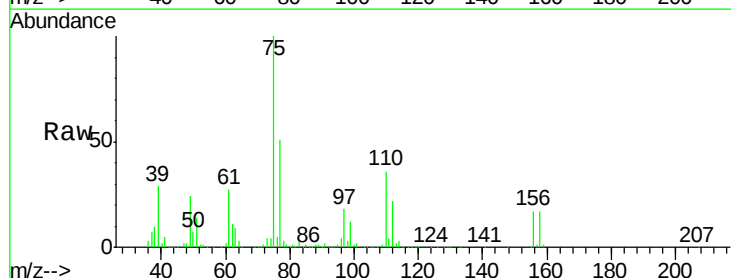
Acq: 11 Jul 2018 00:19

Tgt Ion: 75 Resp: 164331

Ion Ratio Lower Upper

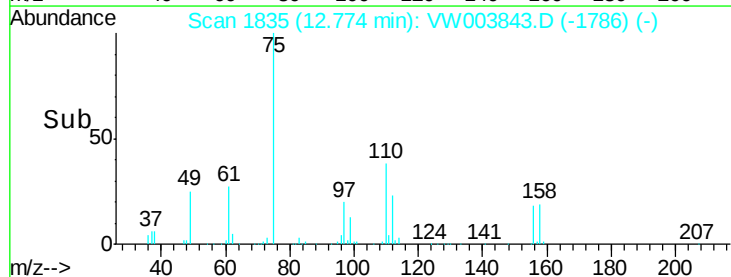
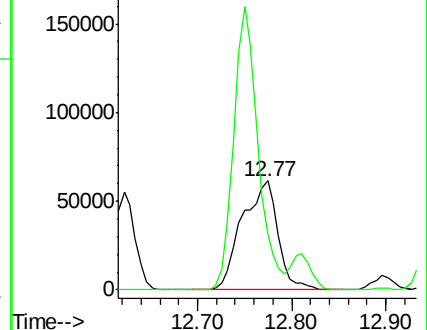
75 100

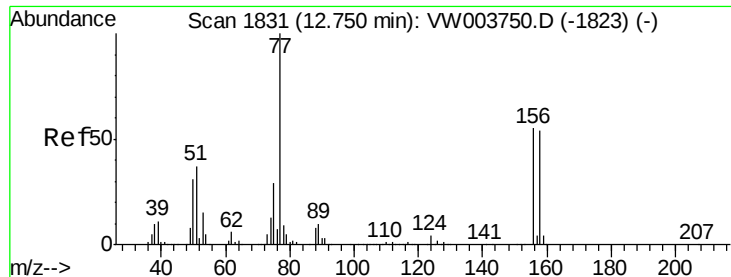
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.703 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

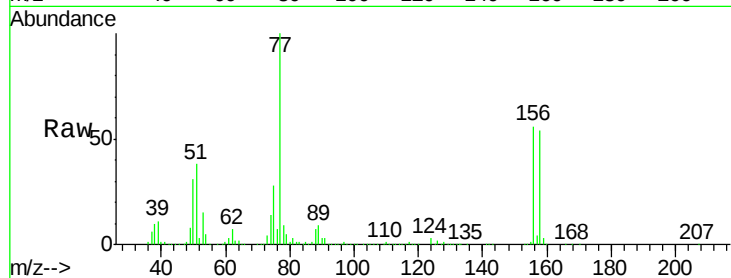
Tot Ion:156 Resp: 147504

Ion Ratio Lower Upper

156 100

77 195.1 98.7 296.0

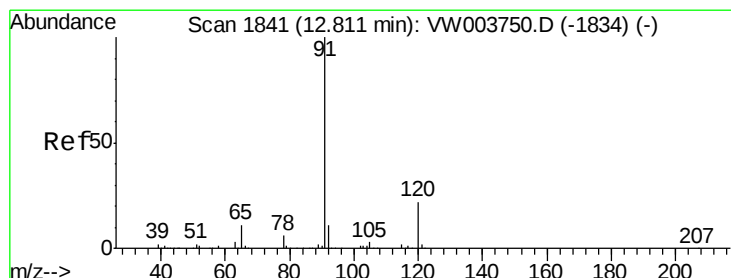
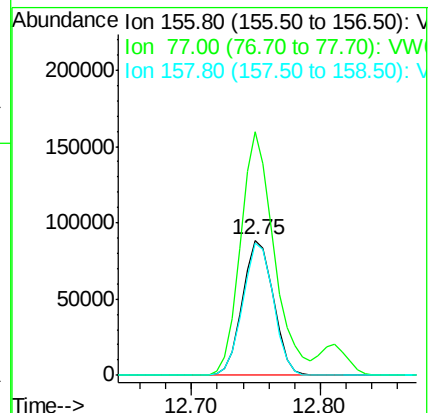
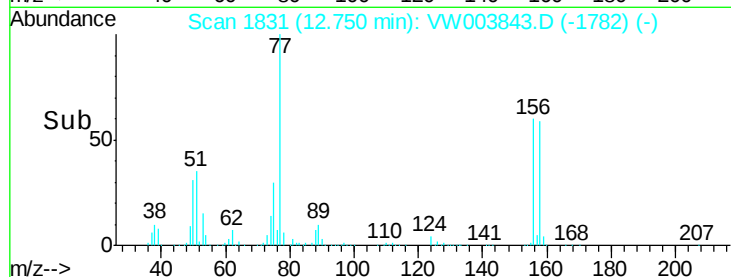
158 96.5 49.0 147.0



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: 54.478 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003843.D

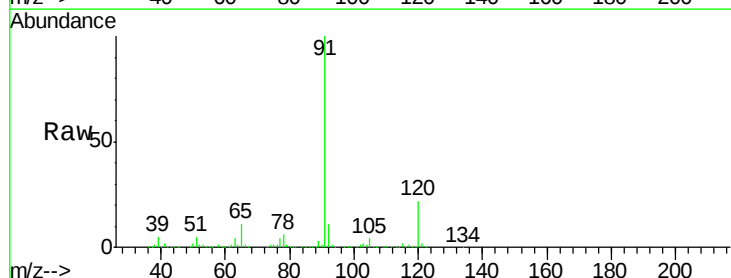
Acq: 11 Jul 2018 00:19

Tgt Ion: 91 Resp: 770956

Ion Ratio Lower Upper

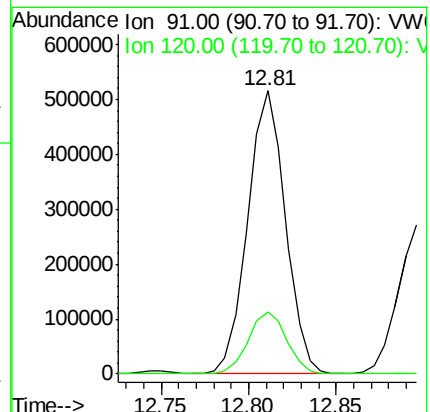
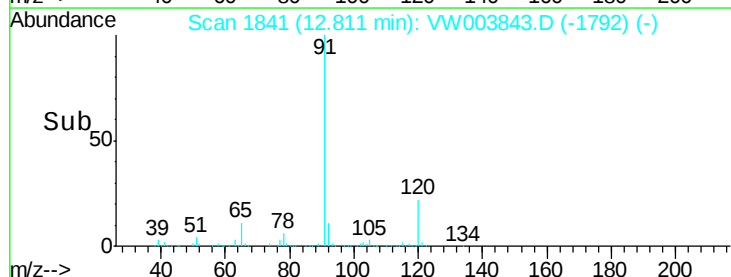
91 100

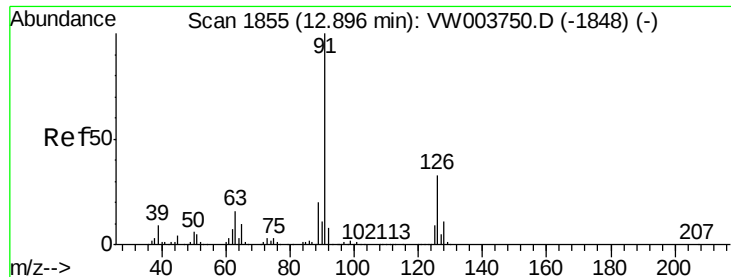
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

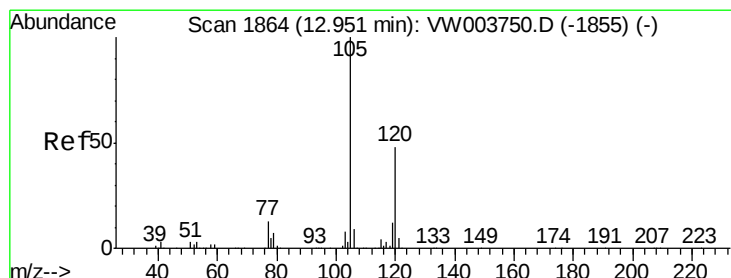
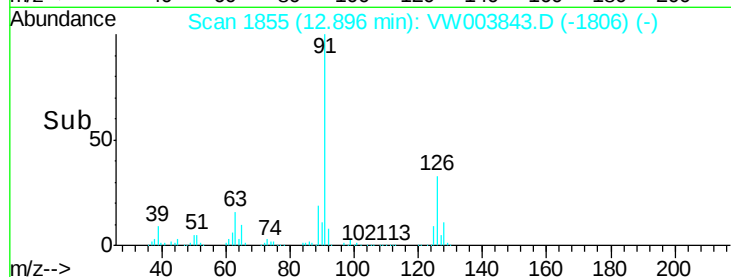
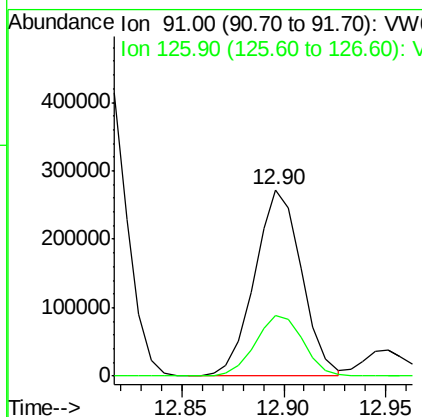
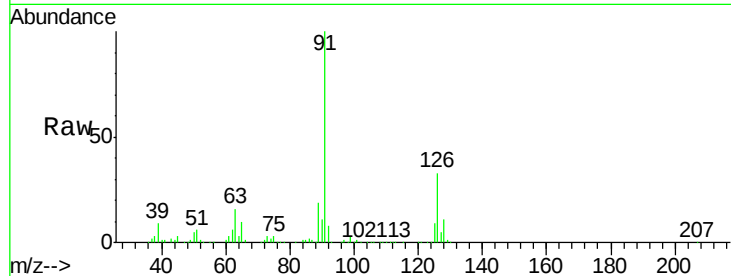




#79
2-Chlorotoluene
Concen: 53.428 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

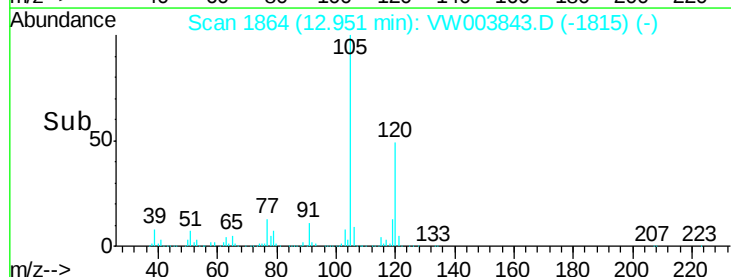
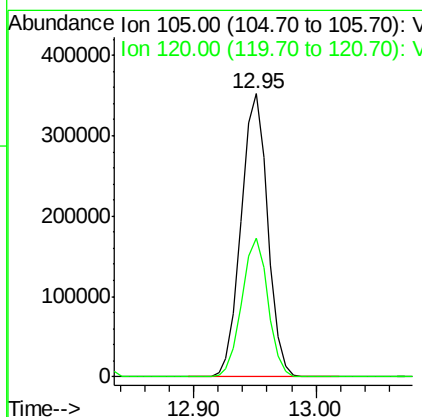
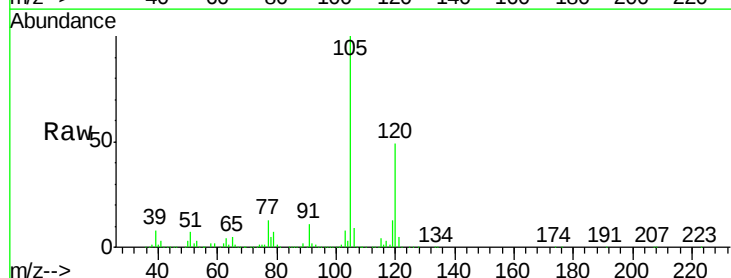
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

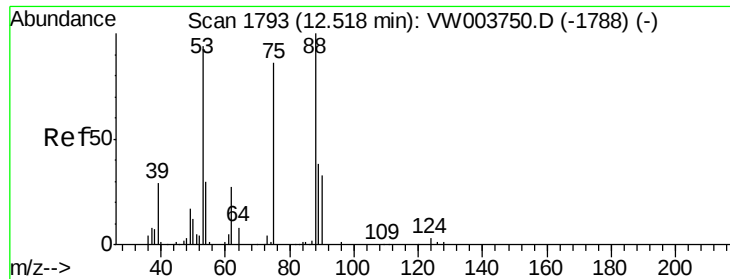
Tot Ion: 91 Resp: 434385
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 54.465 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion:105 Resp: 529208
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.111 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

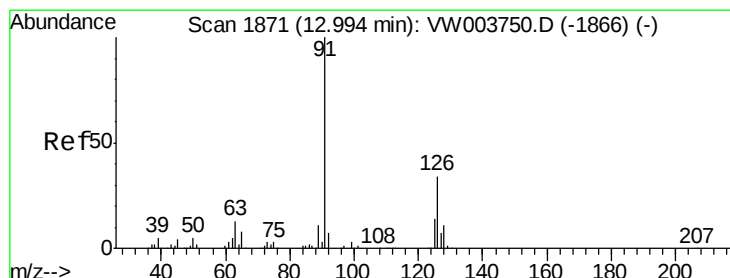
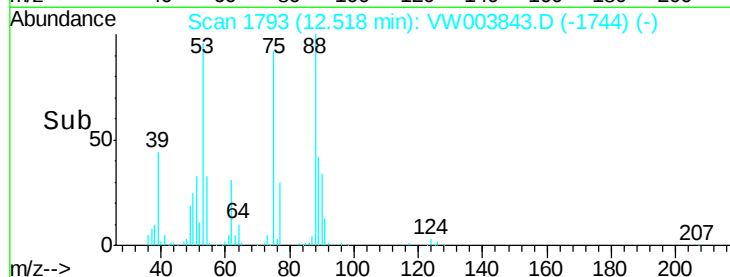
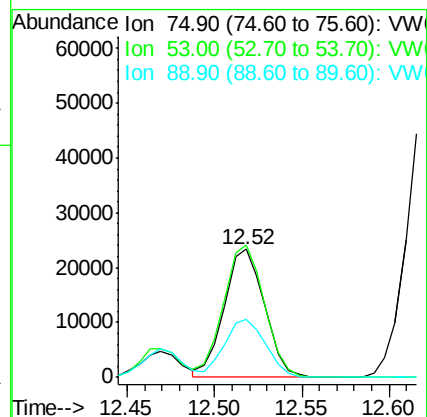
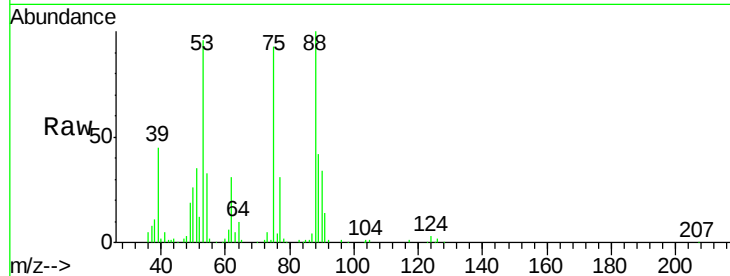
Tot Ion: 75 Resp: 36827

Ion	Ratio	Lower	Upper
75	100		
53	106.5	85.0	127.6
89	46.6	36.3	54.5

75 100

53 106.5 85.0 127.6

89 46.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 52.978 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003843.D

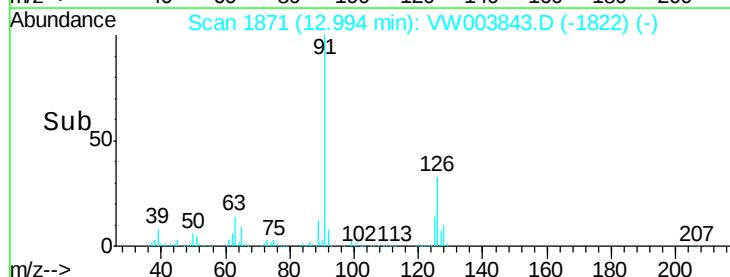
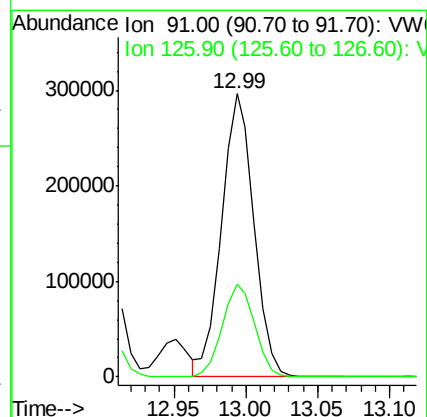
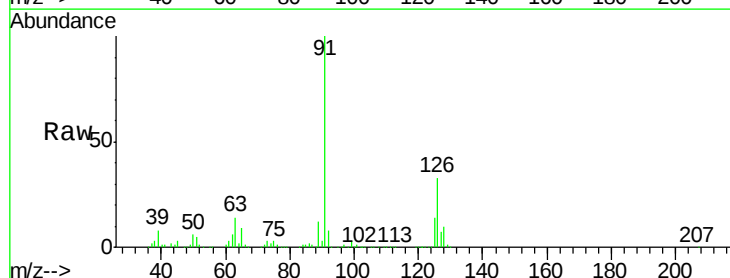
Acq: 11 Jul 2018 00:19

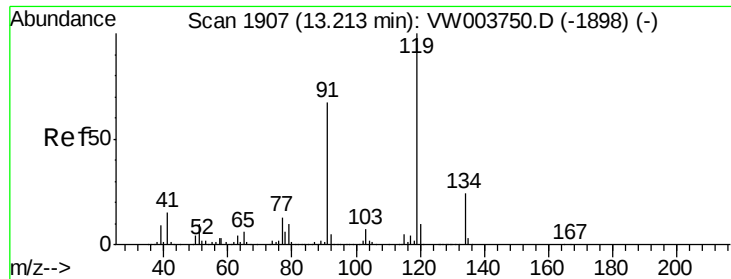
Tgt Ion: 91 Resp: 463172

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.5	49.5

91 100

126 33.0 16.5 49.5

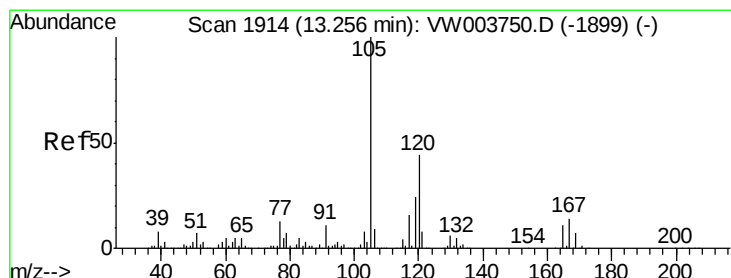
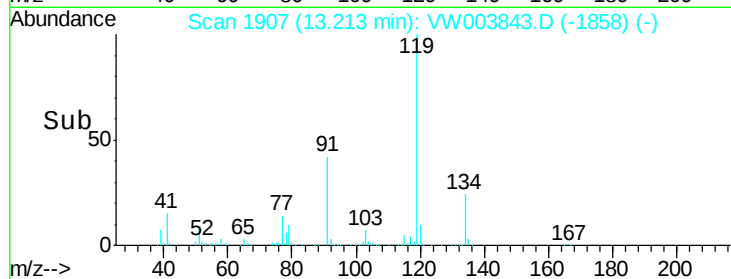
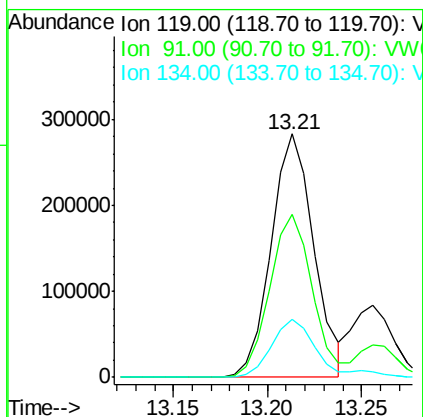
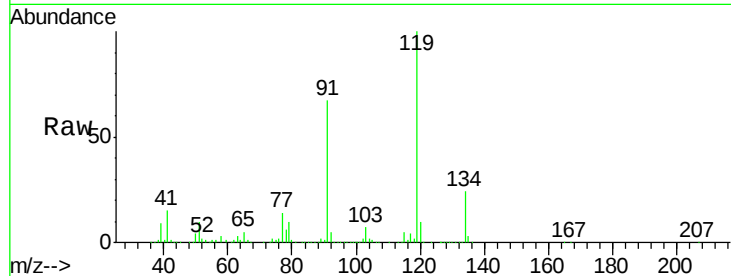




#83
tert-Butylbenzene
Concen: 55.465 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

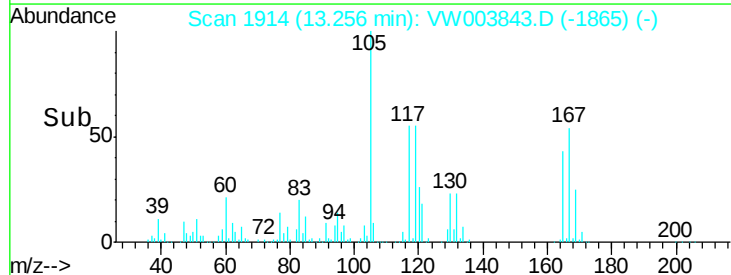
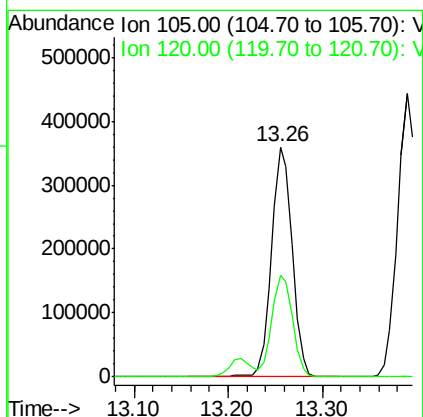
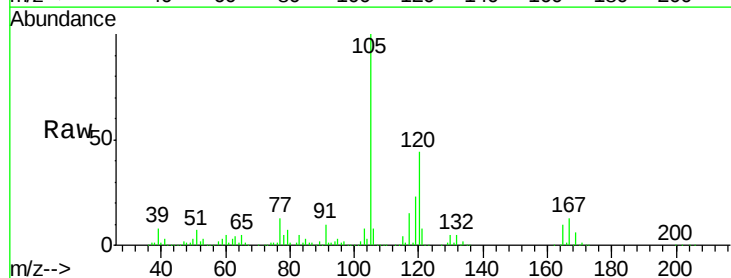
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

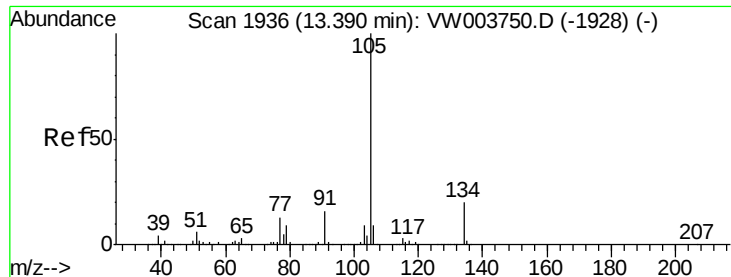
Tot Ion:119 Resp: 444452
Ion Ratio Lower Upper
119 100
91 66.5 33.0 98.9
134 25.7 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 54.477 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion:105 Resp: 549890
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0

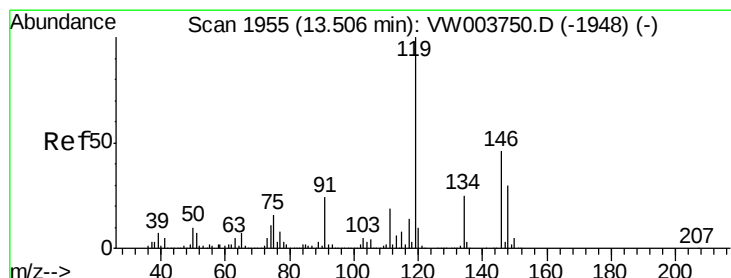
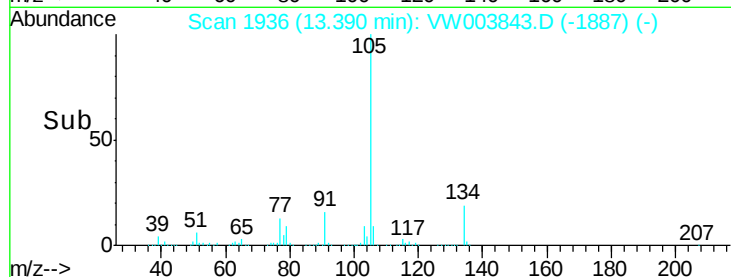
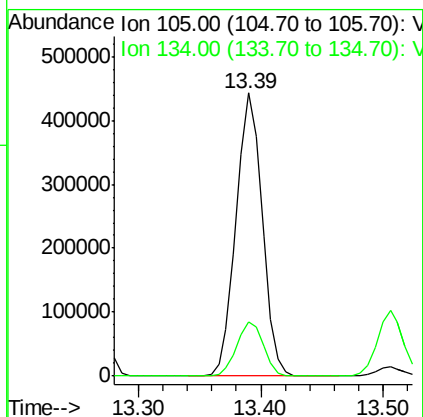
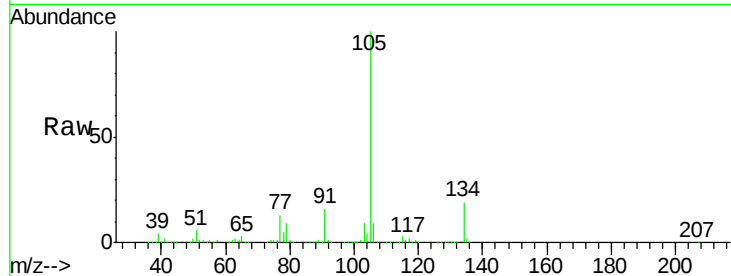




#85
 sec-Butylbenzene
 Concen: 54.665 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

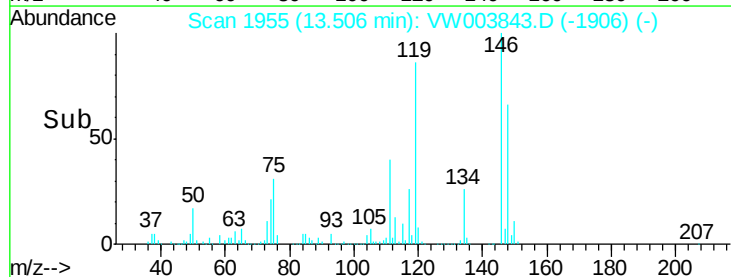
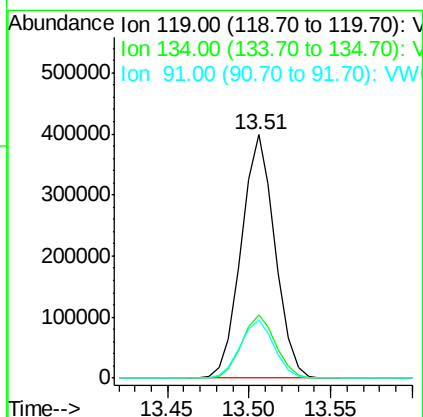
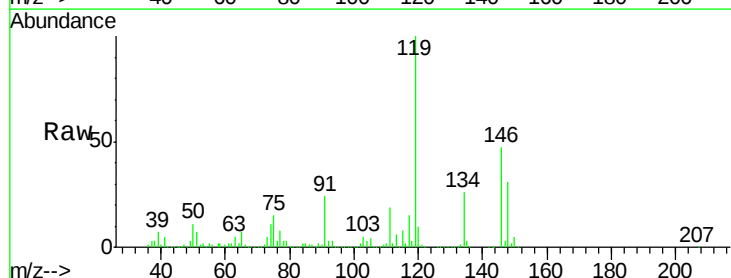
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

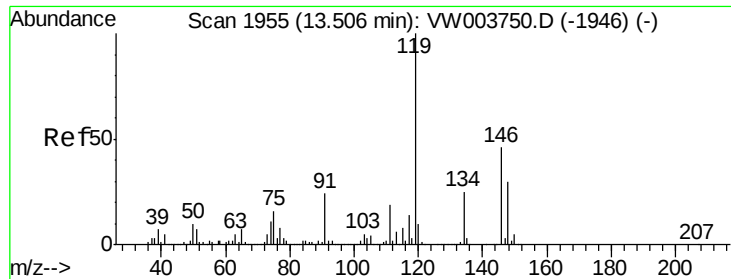
Tot Ion:105 Resp: 655286
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 54.585 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion:119 Resp: 571757
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.0 11.9 35.9

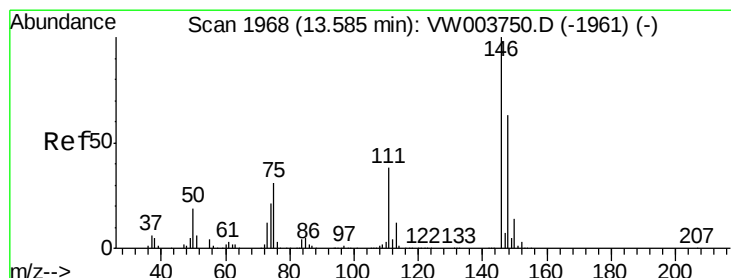
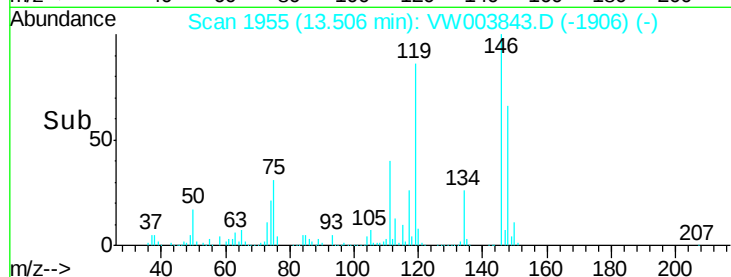
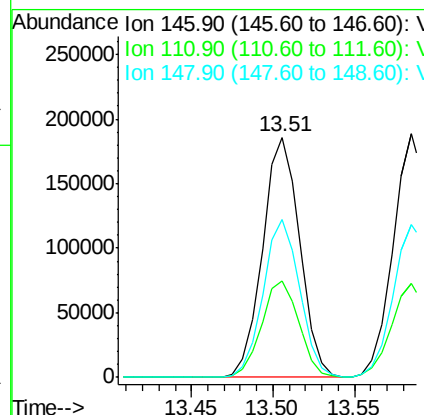
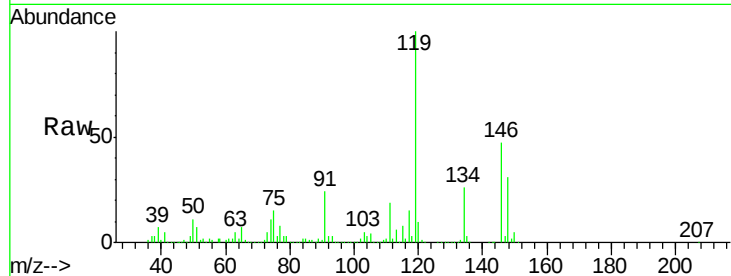




#87
 1,3-Dichlorobenzene
 Concen: 51.870 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

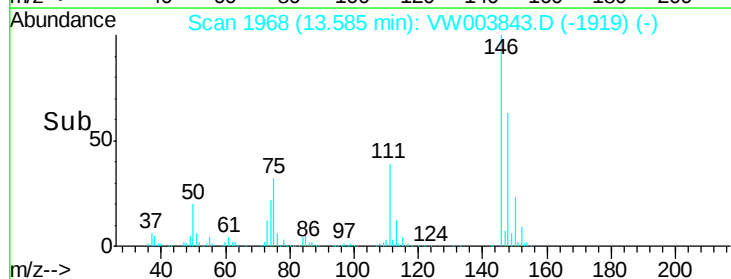
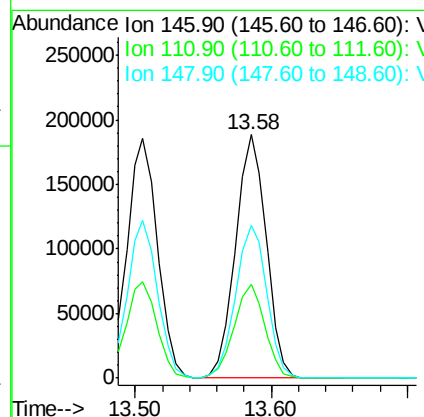
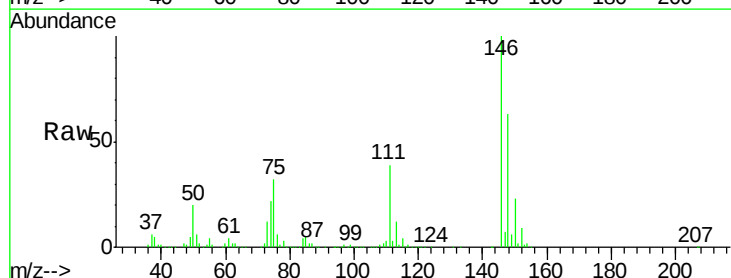
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

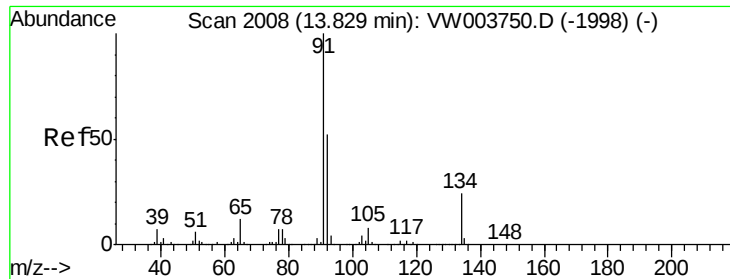
Tot Ion:146 Resp: 294128
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.5
 148 64.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.742 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion:146 Resp: 295041
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.4
 148 64.0 31.9 95.7

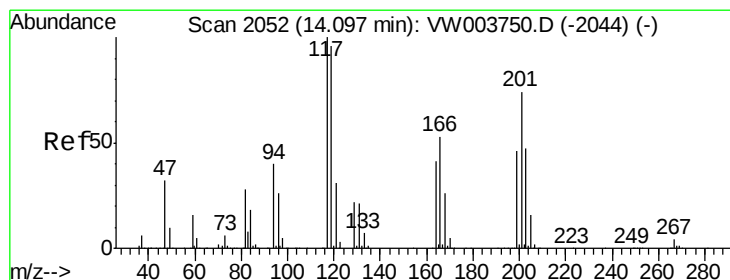
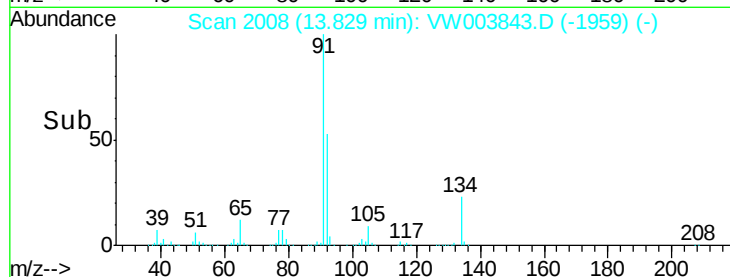
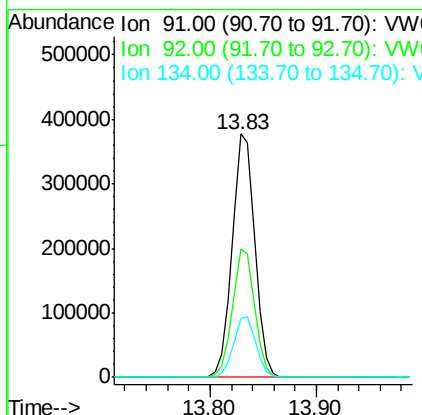
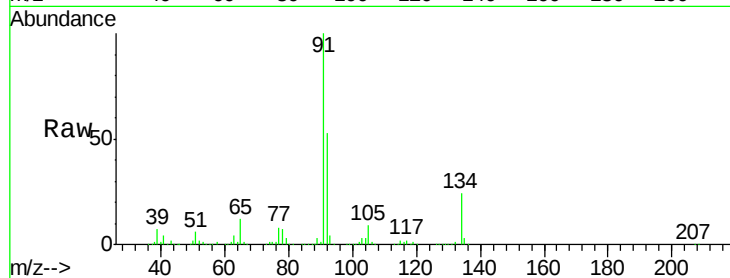




#89
n-Butylbenzene
Concen: 54.743 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

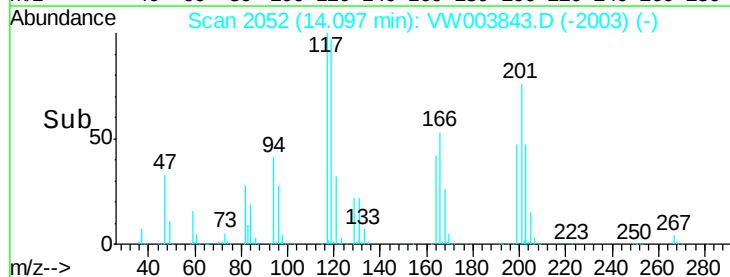
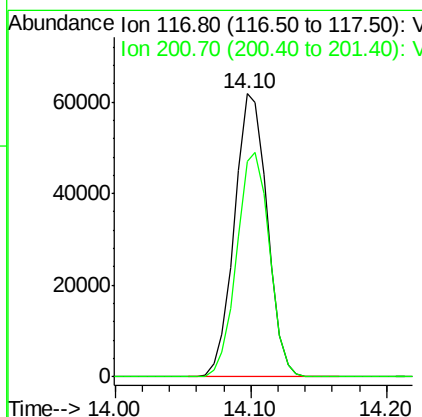
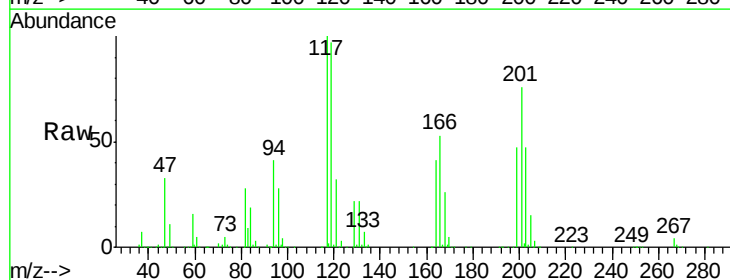
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

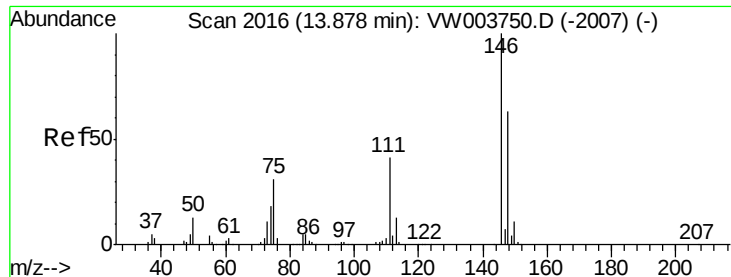
Tot Ion: 91 Resp: 564045
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.3
134 24.6 12.4 37.4



#90
Hexachloroethane
Concen: 51.537 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 117 Resp: 103987
Ion Ratio Lower Upper
117 100
201 79.3 39.2 117.6

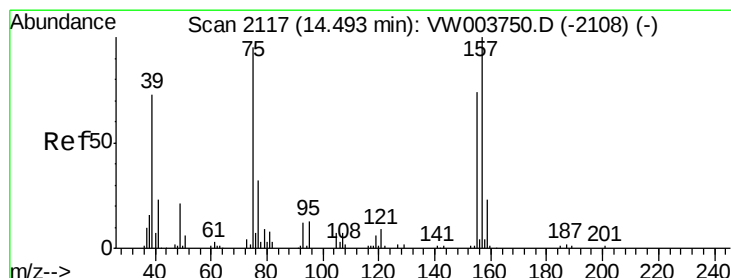
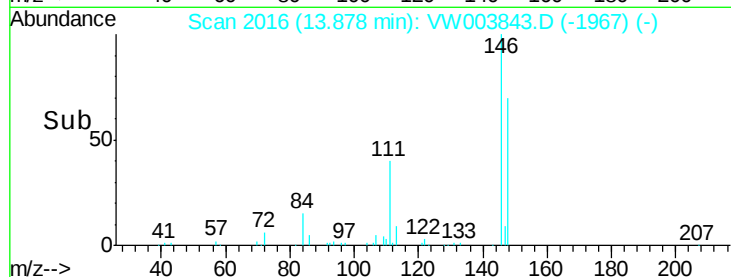
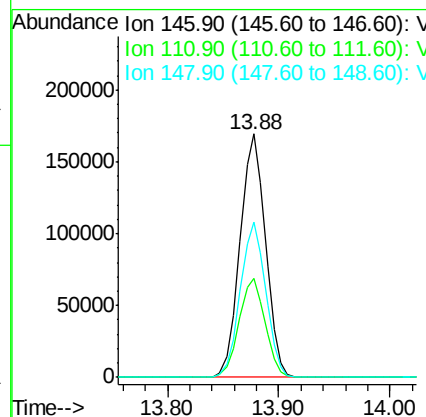
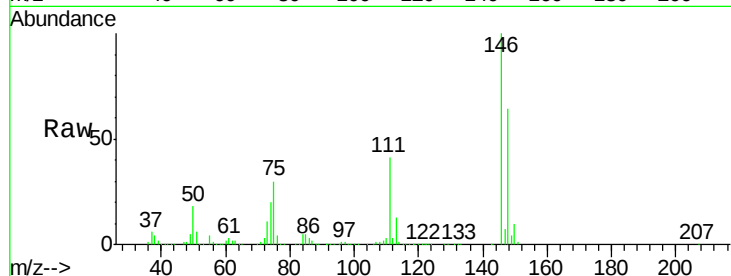




#91
 1,2-Dichlorobenzene
 Concen: 52.591 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

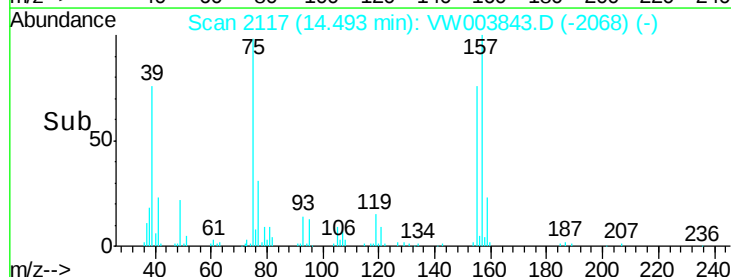
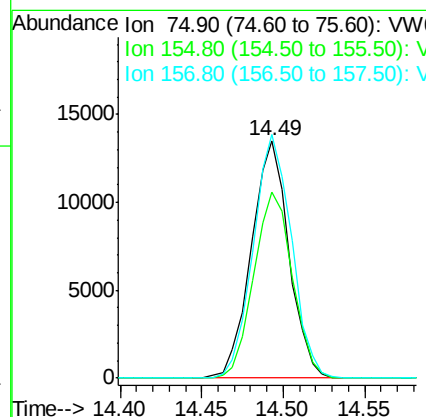
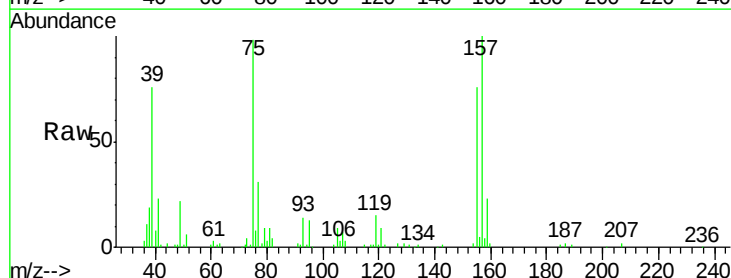
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

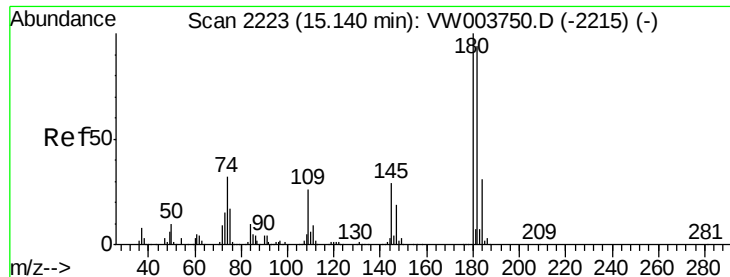
Tot Ion:146 Resp: 268410
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.7 62.1
 148 63.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.580 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion: 75 Resp: 21592
 Ion Ratio Lower Upper
 75 100
 155 80.1 39.2 117.6
 157 104.0 50.7 152.1

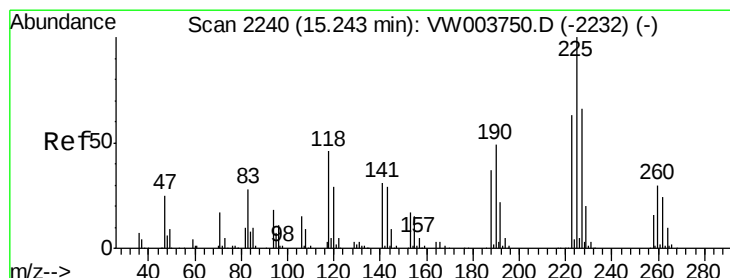
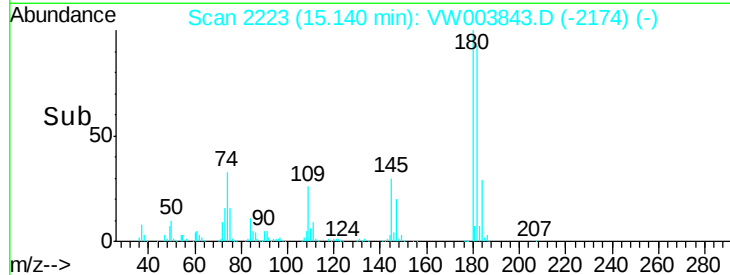
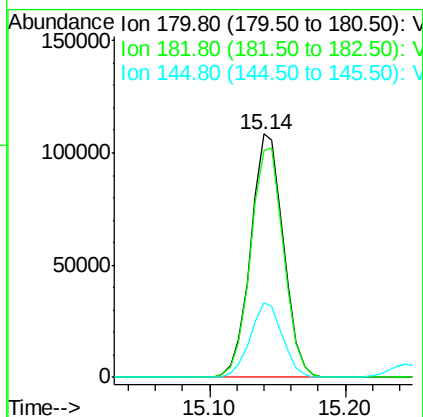
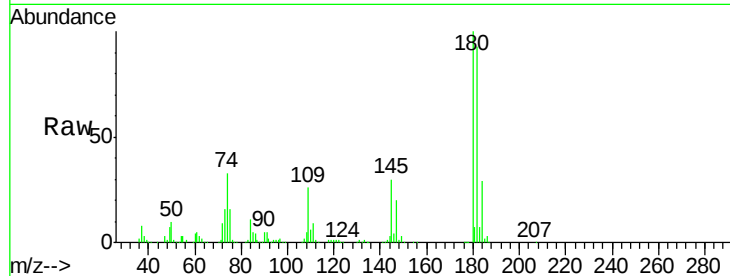




#93
 1,2,4-Trichlorobenzene
 Concen: 52.790 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

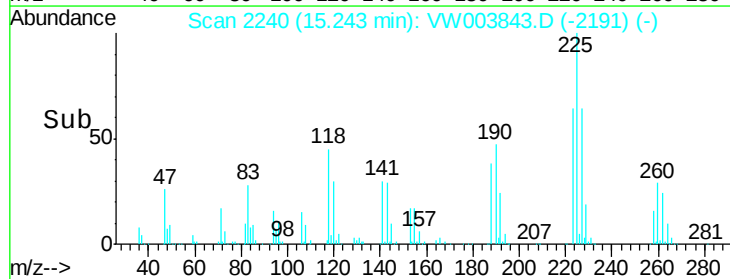
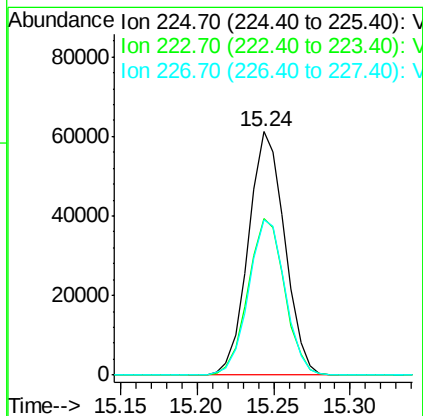
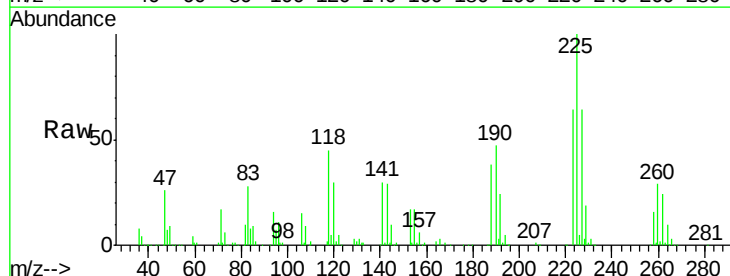
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

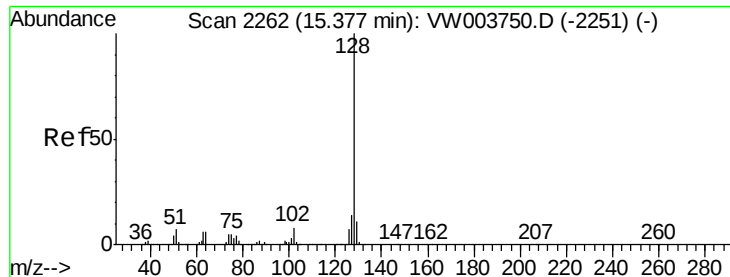
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	30.2	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 51.156 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.6	97.7
227	63.7	32.5	97.5





#95

Naphthalene

Concen: 58.961 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

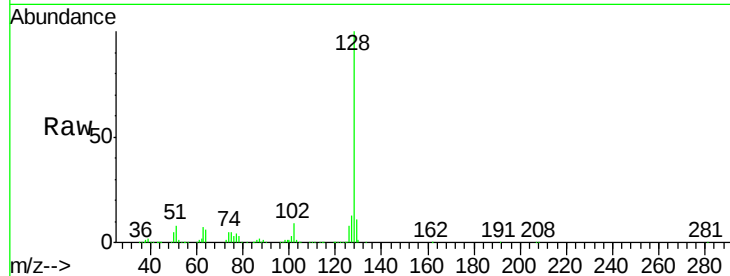
Tot Ion:128 Resp: 364039

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

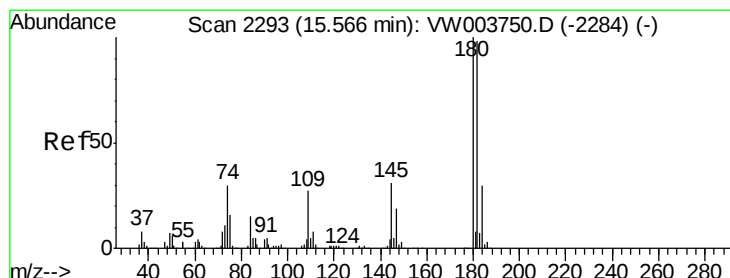
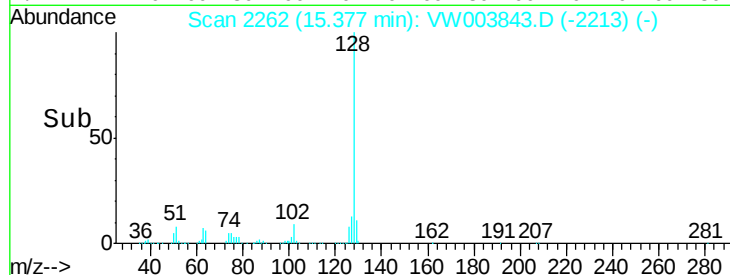
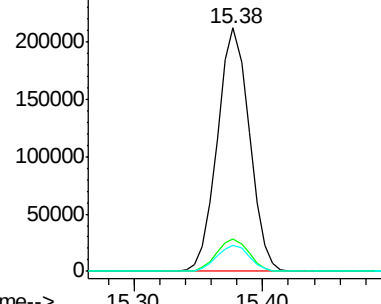
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.386 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

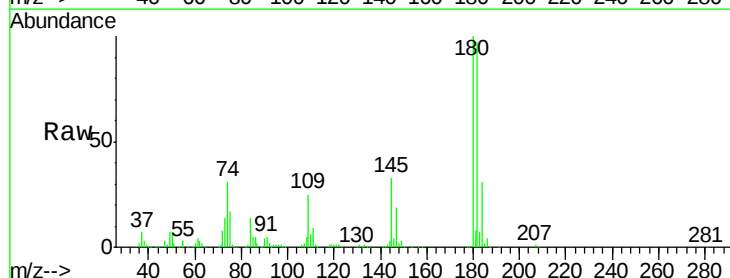
Tgt Ion:180 Resp: 165137

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.3

145 32.6 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

