

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070718\
 Data File : VW003750.D
 Acq On : 07 Jul 2018 00:06
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 07 03:52:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	350799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184373	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145115	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	7.88	113	123818	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	10.32	98	484045	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.62	95	176592	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	55936	52.111	ug/l	100
3) Chloromethane	2.20	50	96775	53.814	ug/l	100
4) Vinyl Chloride	2.36	62	129963	53.086	ug/l	100
5) Bromomethane	2.78	94	90728	55.697	ug/l	100
6) Chloroethane	2.92	64	75353	51.235	ug/l	100
7) Trichlorofluoromethane	3.25	101	52050	41.498	ug/l	100
8) Diethyl Ether	3.67	74	50880	43.494	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	109161	50.578	ug/l	100
10) Methyl Iodide	4.26	142	162941	51.498	ug/l	100
11) Tert butyl alcohol	5.22	59	39720	238.805	ug/l	100
12) 1,1-Dichloroethene	4.03	96	107495	50.137	ug/l	100
13) Acrolein	3.89	56	53280	493.085	ug/l	100
14) Allyl chloride	4.65	41	186786	50.887	ug/l	100
15) Acrylonitrile	5.37	53	153218	270.944	ug/l	100
16) Acetone	4.14	43	137699	219.149	ug/l	100
17) Carbon Disulfide	4.37	76	340895	52.943	ug/l	100
18) Methyl Acetate	4.67	43	82580	52.929	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	234352	55.105	ug/l	100
20) Methylene Chloride	4.91	84	127307	43.755	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	124346	52.649	ug/l	100
22) Diisopropyl ether	6.31	45	419153	55.036	ug/l	100
23) Vinyl Acetate	6.26	43	1310415	282.336	ug/l	100
24) 1,1-Dichloroethane	6.21	63	237527	52.479	ug/l	100
25) 2-Butanone	7.18	43	215162	261.186	ug/l	100
26) 2,2-Dichloropropane	7.17	77	125582	46.077	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	135886	52.659	ug/l	100
28) Bromochloromethane	7.51	49	102339	51.754	ug/l	100
29) Tetrahydrofuran	7.54	42	139958	280.227	ug/l	100
30) Chloroform	7.68	83	241856	52.760	ug/l	100
31) Cyclohexane	7.95	56	203829	49.789	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	184628	51.920	ug/l	100
36) 1,1-Dichloropropene	8.08	75	190358	53.593	ug/l	100
37) Ethyl Acetate	7.26	43	95414	54.723	ug/l	100
38) Carbon Tetrachloride	8.07	117	178193	52.769	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217055	53.377	ug/l	100
40) Benzene	8.32	78	537243	53.635	ug/l	100
41) Methacrylonitrile	7.49	41	55957	56.252	ug/l	100
42) 1,2-Dichloroethane	8.40	62	174515	54.961	ug/l	100
43) Isopropyl Acetate	8.43	43	184970	56.083	ug/l	100
44) Trichloroethene	9.09	130	134922	52.202	ug/l	100
45) 1,2-Dichloropropane	9.37	63	139733	53.645	ug/l	100
46) Dibromomethane	9.46	93	74947	55.148	ug/l	100
47) Bromodichloromethane	9.65	83	182262	54.484	ug/l	100
48) Methyl methacrylate	9.44	41	91511	58.360	ug/l	100
49) 1,4-Dioxane	9.48	88	23218	1096.643	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	503975	289.107	ug/l	100
52) Toluene	10.39	92	339889	54.455	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	190096	54.934	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	212499	54.321	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	104469	54.676	ug/l	100
56) Ethyl methacrylate	10.65	69	141901	58.962	ug/l	100
57) 1,3-Dichloropropane	10.93	76	185195	55.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	352580	329.775	ug/l	100
59) 2-Hexanone	10.98	43	353965	285.291	ug/l	100
60) Dibromochloromethane	11.13	129	124151	55.462	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101912	55.518	ug/l	100
64) Tetrachloroethene	10.87	164	125962	54.244	ug/l	100
65) Chlorobenzene	11.66	112	374655	52.345	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	131897	52.801	ug/l	100
67) Ethyl Benzene	11.74	91	666953	53.373	ug/l	100
68) m/p-Xylenes	11.84	106	513690	107.877	ug/l	100
69) o-Xylene	12.17	106	239581	54.323	ug/l	100
70) Styrene	12.18	104	414778	55.959	ug/l	100
71) Bromoform	12.35	173	76652	54.779	ug/l #	100
73) Isopropylbenzene	12.47	105	655448	52.156	ug/l	100
74) N-amyl acetate	12.28	43	184045	54.858	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	131502	52.873	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	175215	105.015	ug/l #	100
77) Bromobenzene	12.75	156	155755	51.584	ug/l	100
78) n-propylbenzene	12.81	91	819907	52.774	ug/l	100
79) 2-Chlorotoluene	12.90	91	460081	52.064	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	563795	52.903	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	40378	51.508	ug/l	100
82) 4-Chlorotoluene	12.99	91	496091	52.642	ug/l	100
83) tert-Butylbenzene	13.21	119	473879	52.810	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	586301	53.458	ug/l	100
85) sec-Butylbenzene	13.39	105	694741	52.130	ug/l	100
86) p-Isopropyltoluene	13.51	119	616680	52.831	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	316183	51.482	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	315759	51.423	ug/l	100
89) n-Butylbenzene	13.83	91	598641	51.985	ug/l	100
90) Hexachloroethane	14.10	117	112105	51.626	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	284909	51.791	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23274	53.544	ug/l	100

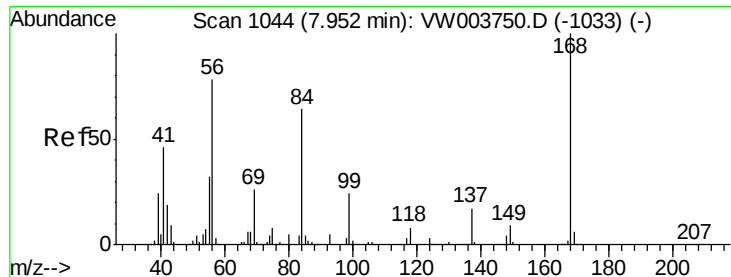
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	198765	51.397	ug/l	100
94) Hexachlorobutadiene	15.24	225	109208	49.227	ug/l	100
95) Naphthalene	15.38	128	391641	55.427	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	180193	52.100	ug/l	100

(#) = 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: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

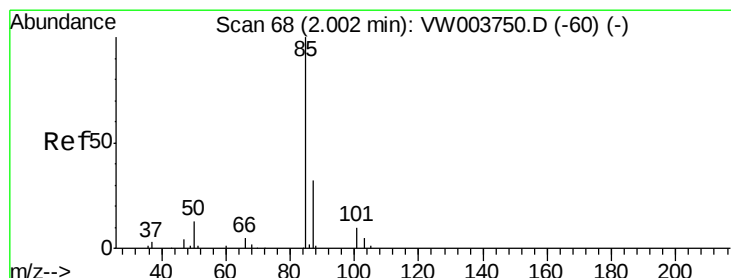
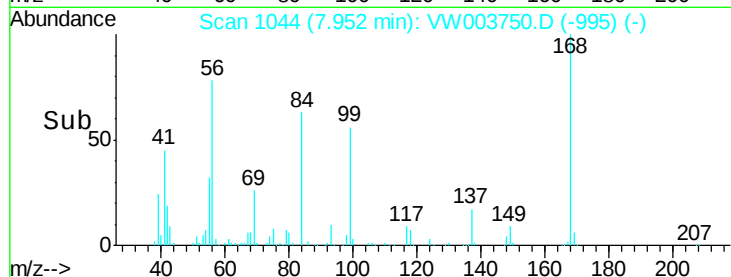
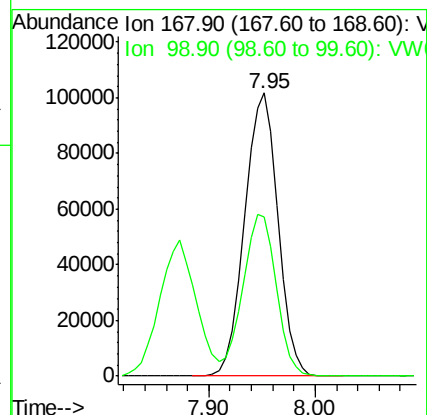
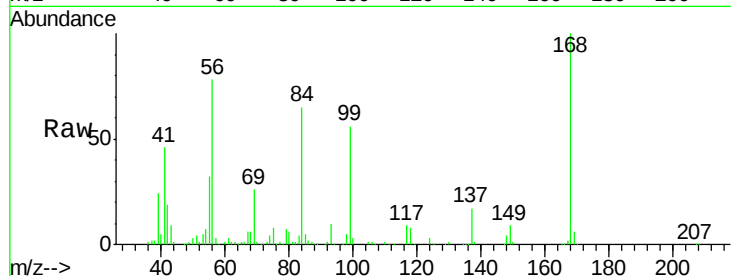
VSTDICCC050

Tgt Ion:168 Resp: 223441

Ion Ratio Lower Upper

168 100

99 56.3 45.0 67.6



#2

Dichlorodifluoromethane

Concen: 52.111 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003750.D

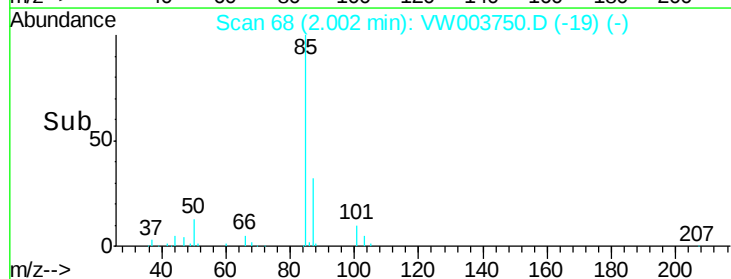
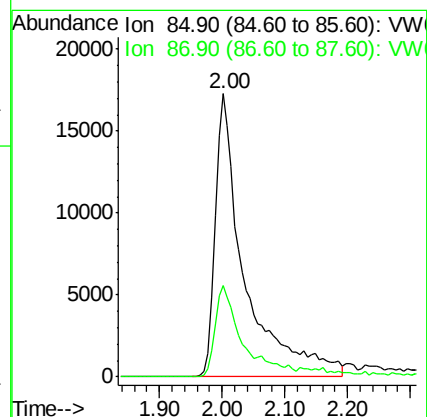
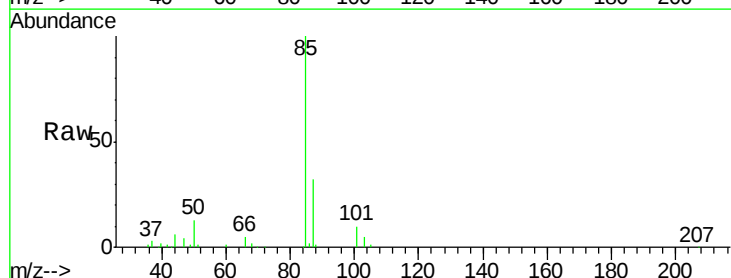
Acq: 07 Jul 2018 00:06

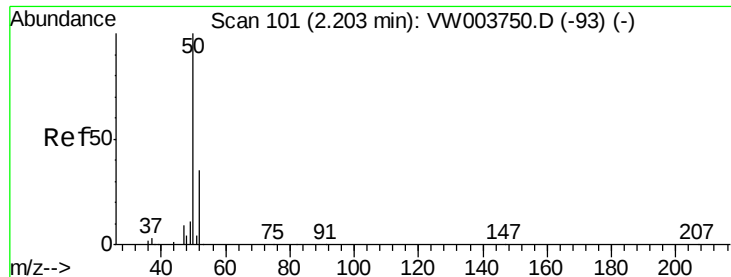
Tgt Ion: 85 Resp: 55936

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5





#3

Chloromethane

Concen: 53.814 ug/l

RT: 2.20 min Scan# 101

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

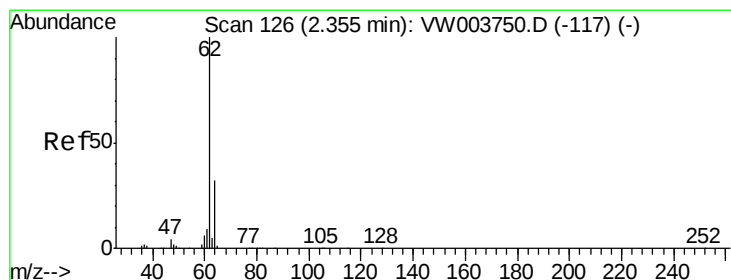
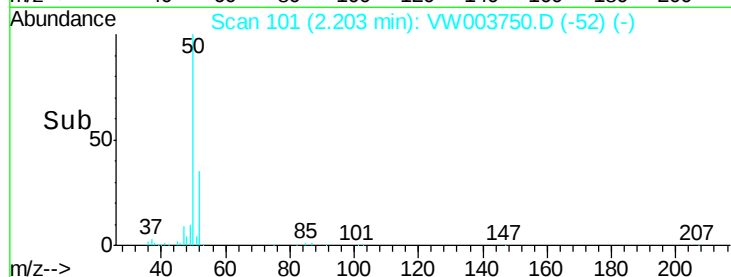
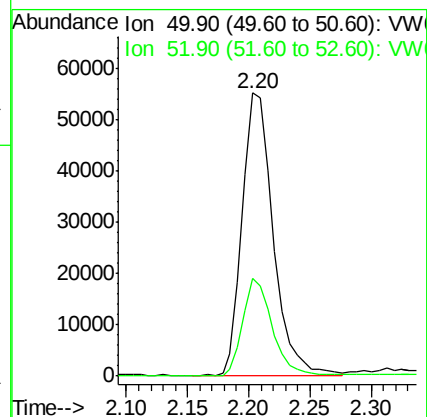
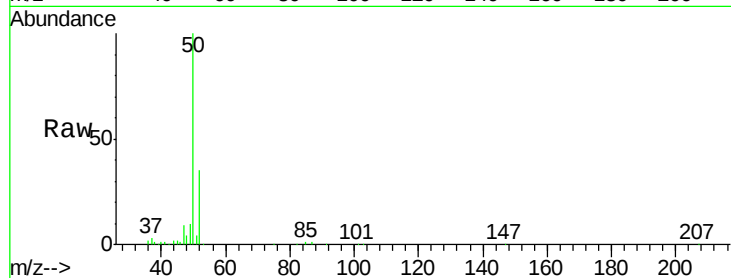
VSTDICCC050

Tgt Ion: 50 Resp: 96775

Ion Ratio Lower Upper

50 100

52 34.7 27.8 41.6



#4

Vinyl Chloride

Concen: 53.086 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003750.D

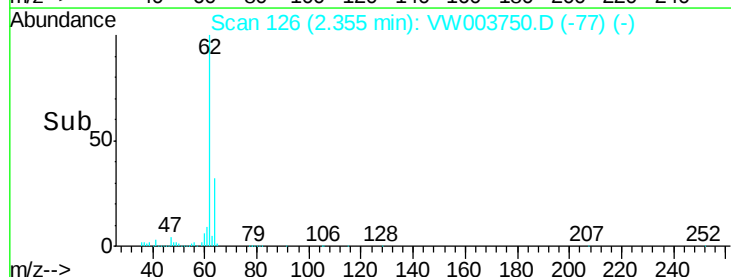
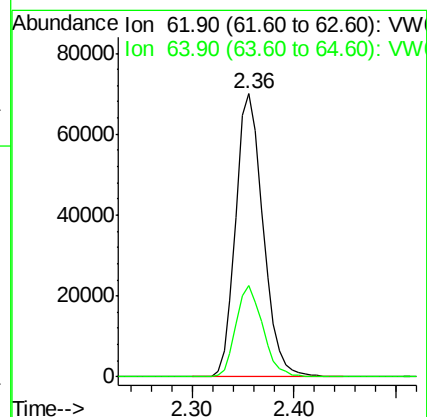
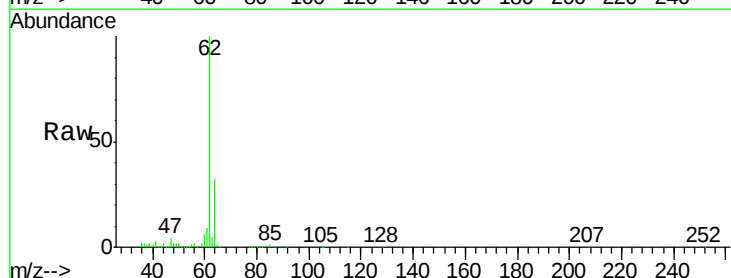
Acq: 07 Jul 2018 00:06

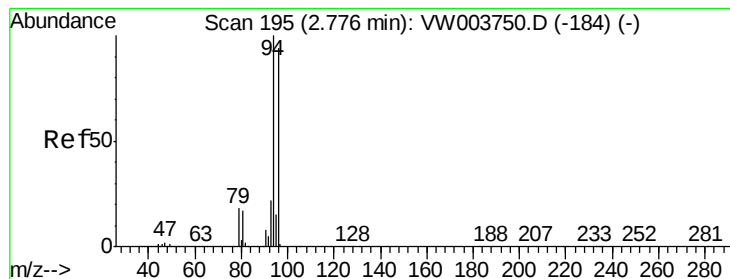
Tgt Ion: 62 Resp: 129963

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 55.697 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

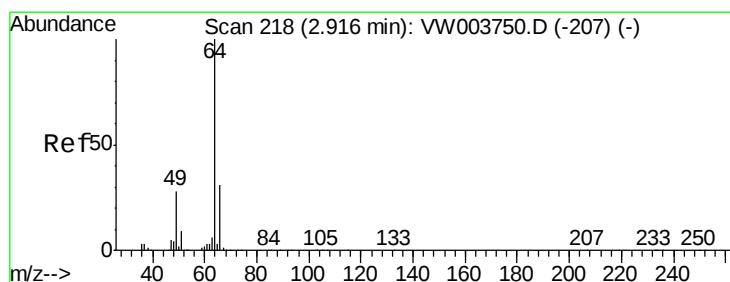
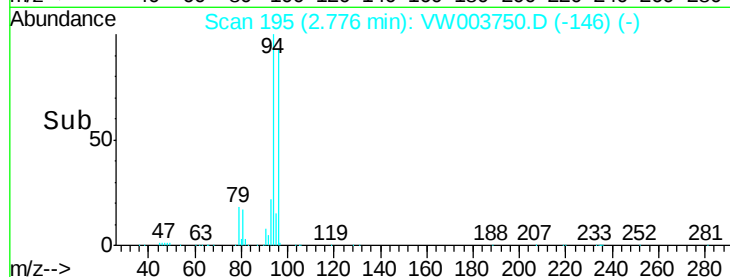
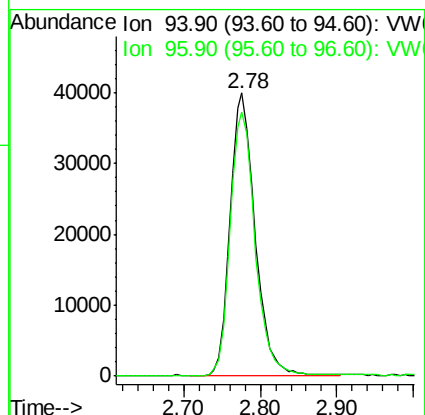
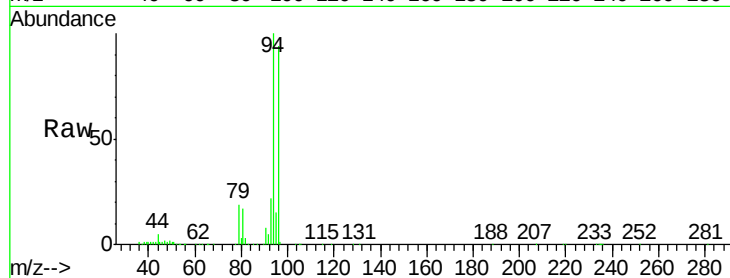
VSTDICCC050

Tgt Ion: 94 Resp: 90728

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2



#6

Chloroethane

Concen: 51.235 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW003750.D

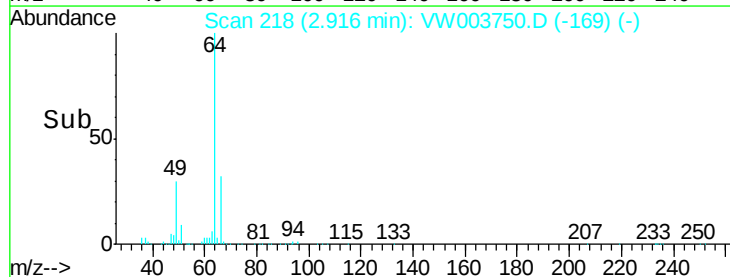
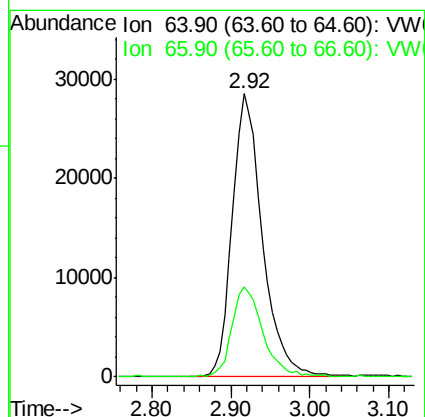
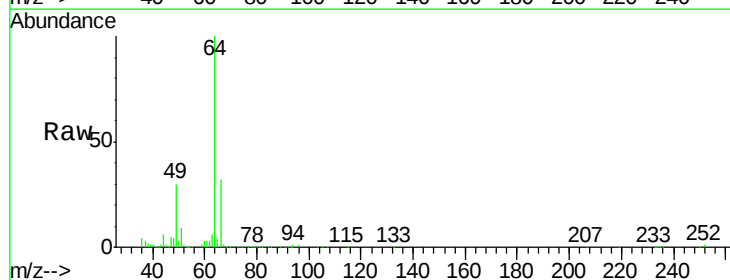
Acq: 07 Jul 2018 00:06

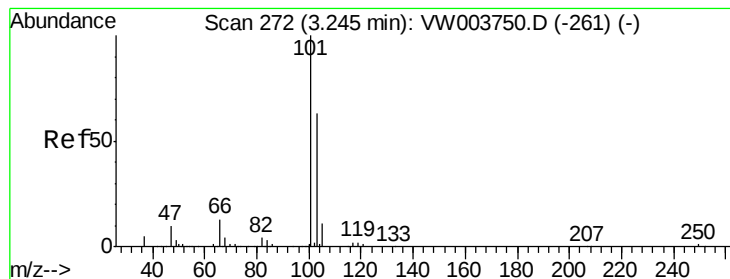
Tgt Ion: 64 Resp: 75353

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



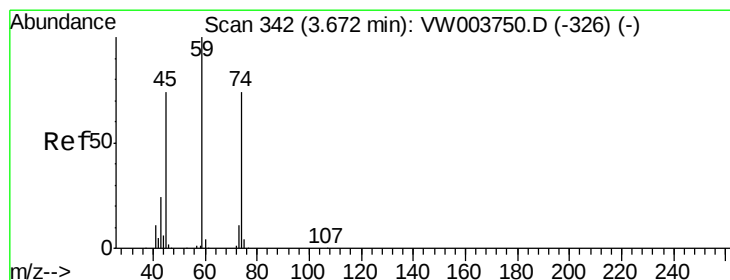
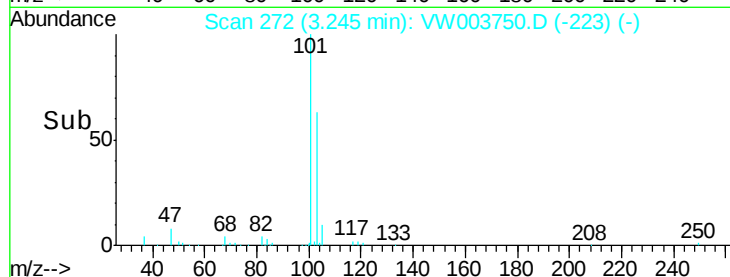
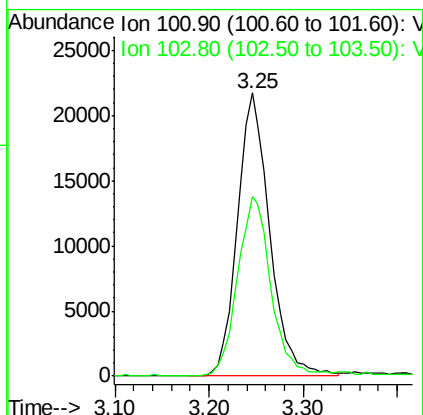
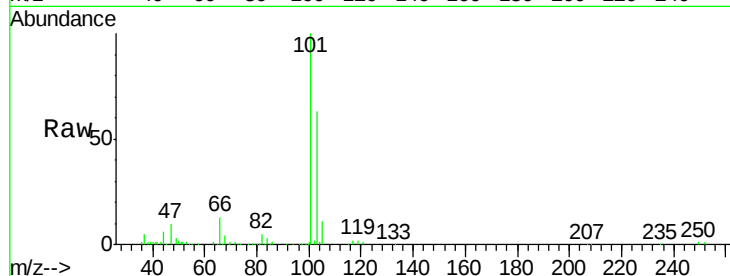


#7

Trichlorofluoromethane
 Concen: 41.498 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Instrument :
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 VSTDICCC050

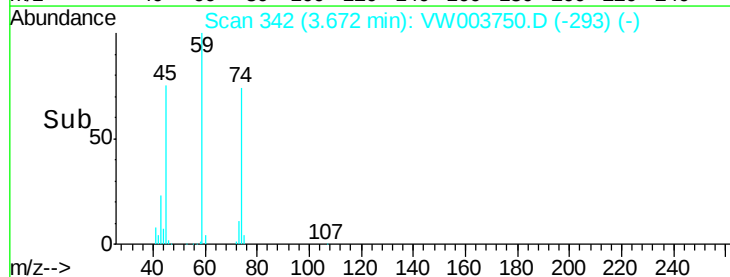
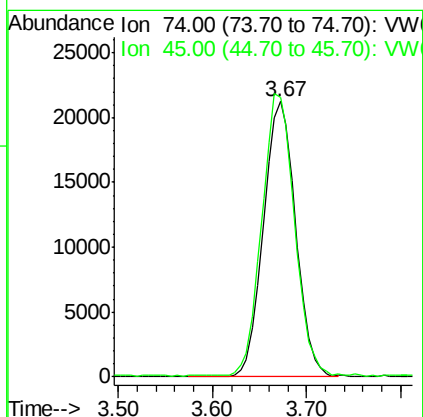
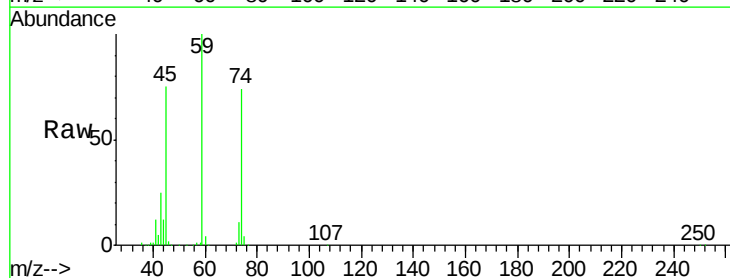
Tgt Ion: 101 Resp: 52050
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

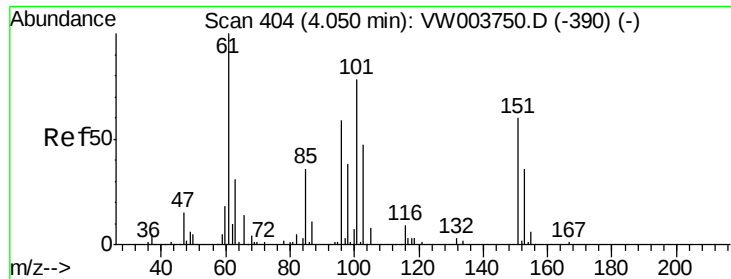


#8

Diethyl Ether
 Concen: 43.494 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 74 Resp: 50880
 Ion Ratio Lower Upper
 74 100
 45 104.8 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.578 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

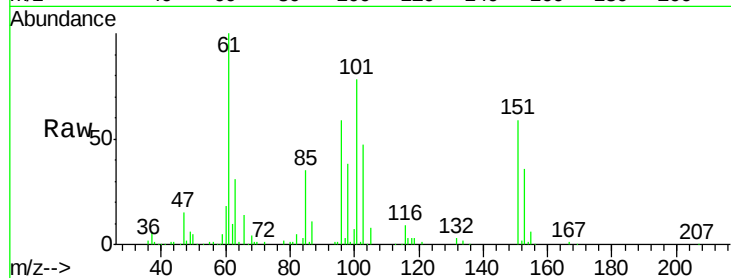
Tgt Ion:101 Resp: 109161

Ion Ratio Lower Upper

101 100

85 46.4 37.1 55.7

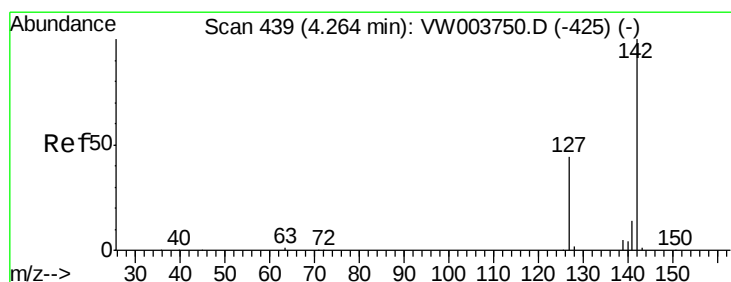
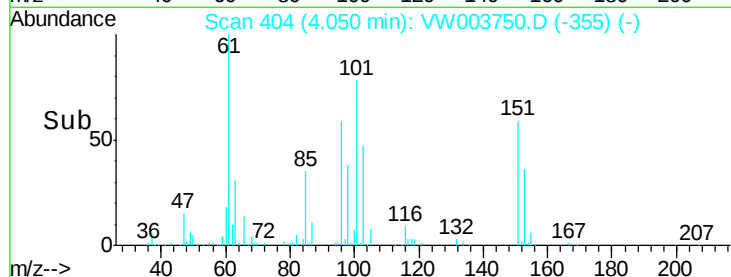
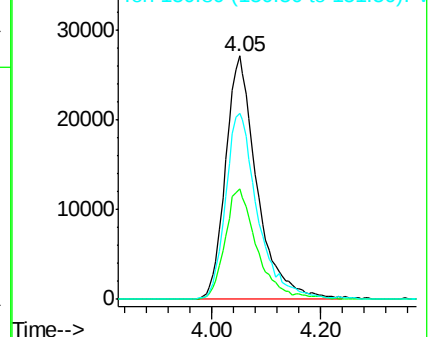
151 77.9 62.3 93.5



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: 51.498 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

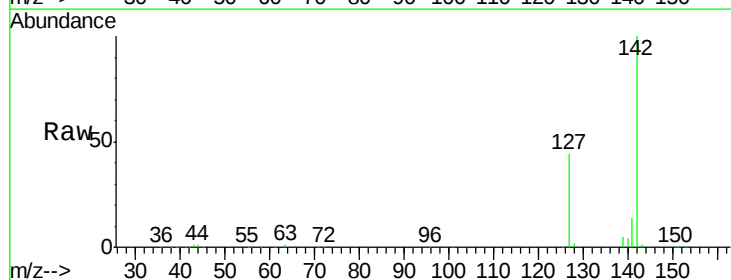
Tgt Ion:142 Resp: 162941

Ion Ratio Lower Upper

142 100

127 45.1 36.1 54.1

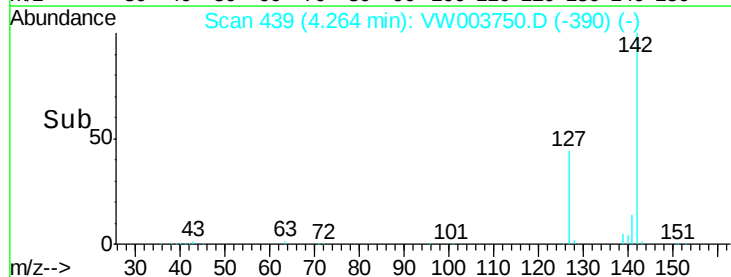
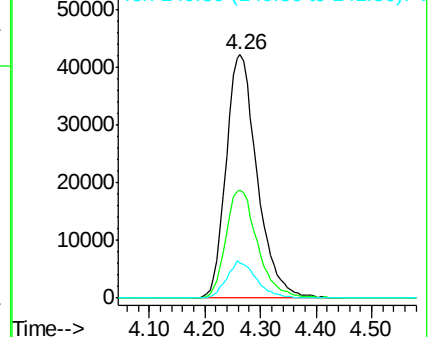
141 14.5 11.6 17.4

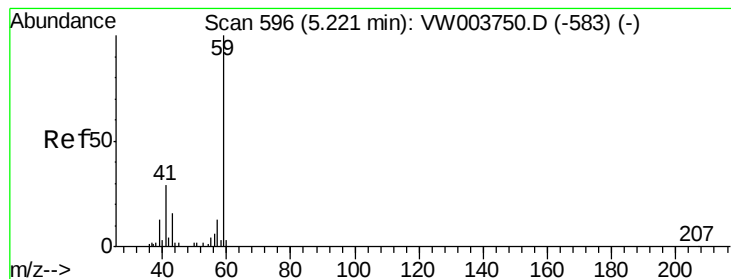


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 238.805 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

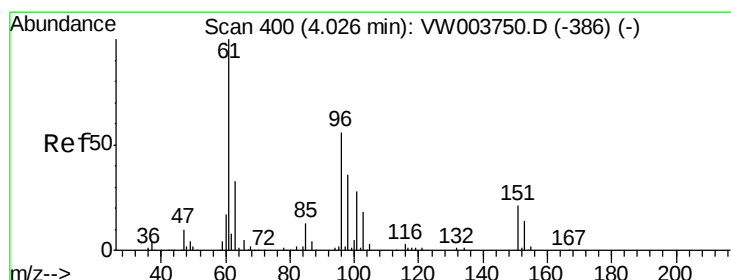
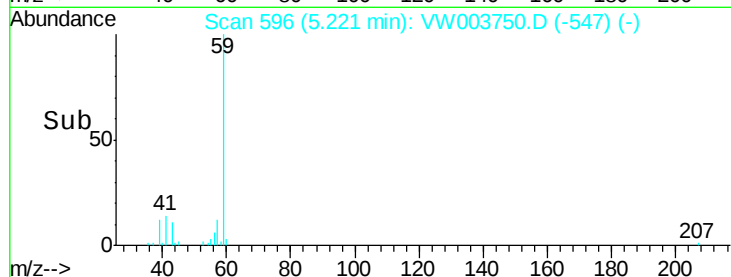
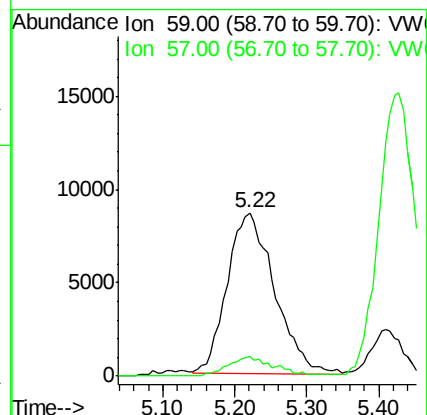
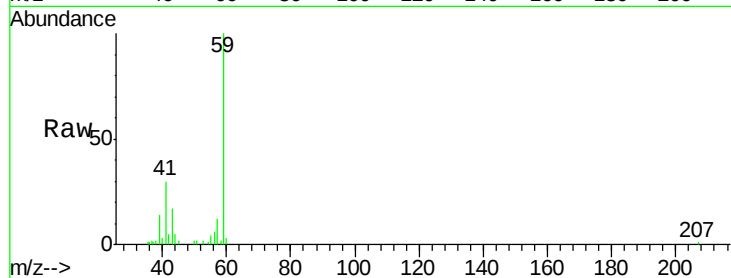
VSTDICCC050

Tgt Ion: 59 Resp: 39720

Ion Ratio Lower Upper

59 100

57 11.6 9.3 13.9



#12

1,1-Dichloroethene

Concen: 50.137 ug/l

RT: 4.03 min Scan# 400

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

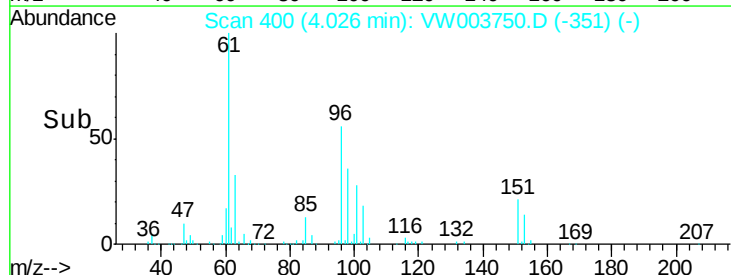
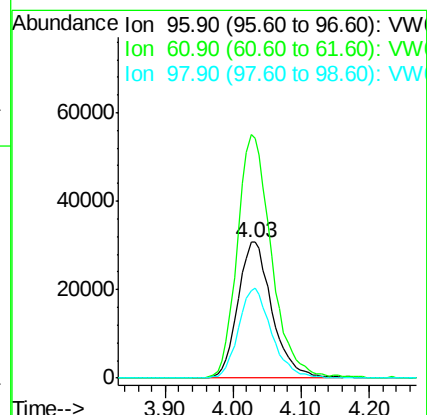
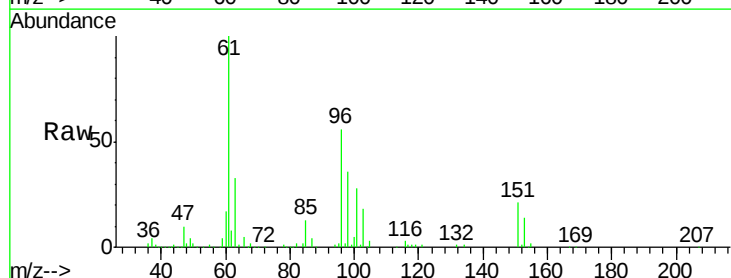
Tgt Ion: 96 Resp: 107495

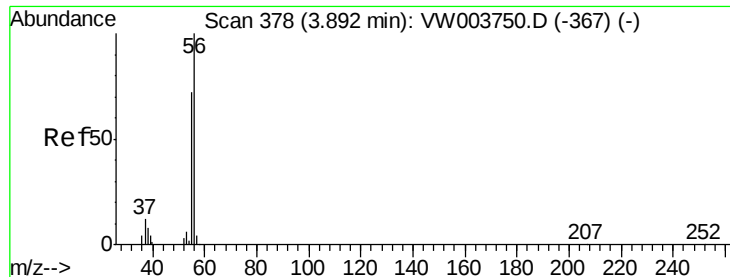
Ion Ratio Lower Upper

96 100

61 179.0 143.2 214.8

98 64.2 51.4 77.0





#13

Acrolein

Concen: 493.085 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

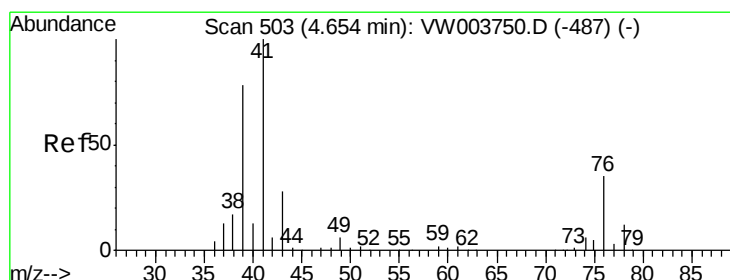
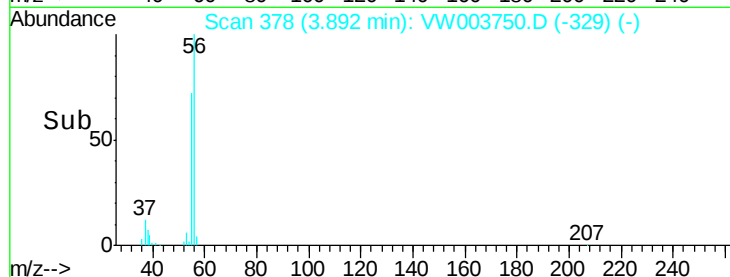
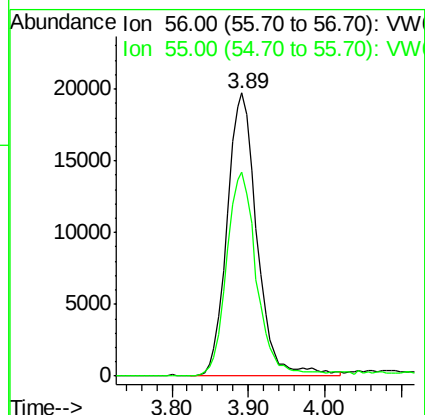
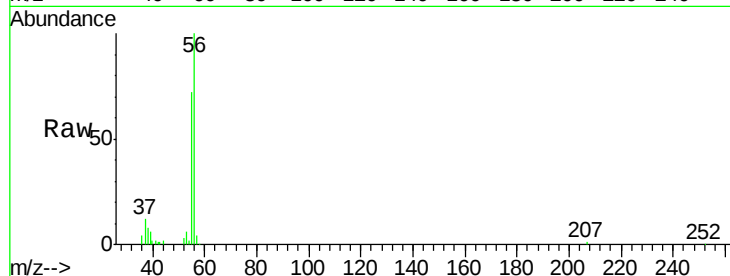
VSTDICCC050

Tgt Ion: 56 Resp: 53280

Ion Ratio Lower Upper

56 100

55 71.9 57.5 86.3



#14

Allyl chloride

Concen: 50.887 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

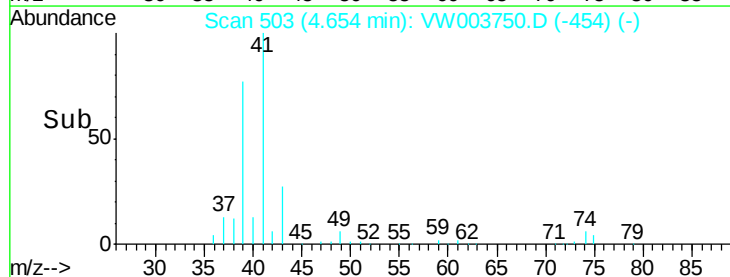
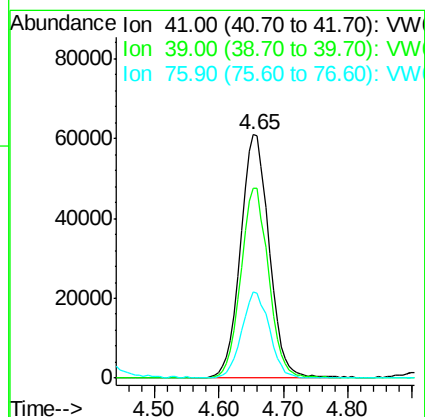
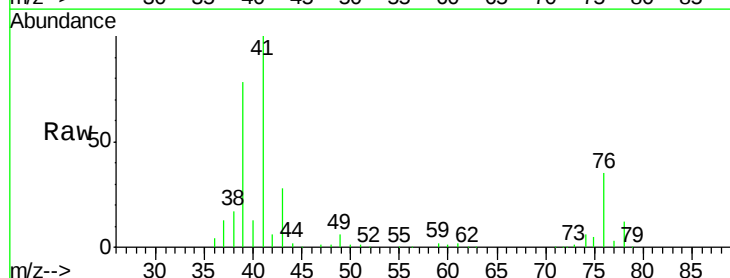
Tgt Ion: 41 Resp: 186786

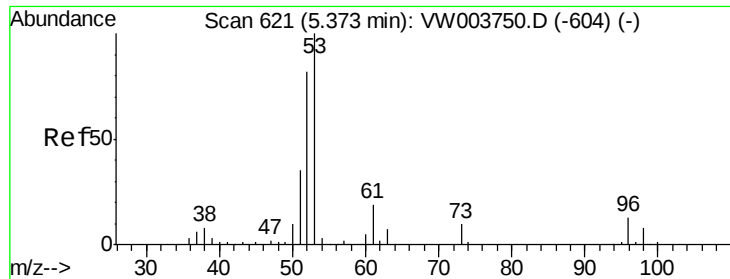
Ion Ratio Lower Upper

41 100

39 76.1 60.9 91.3

76 34.4 27.5 41.3

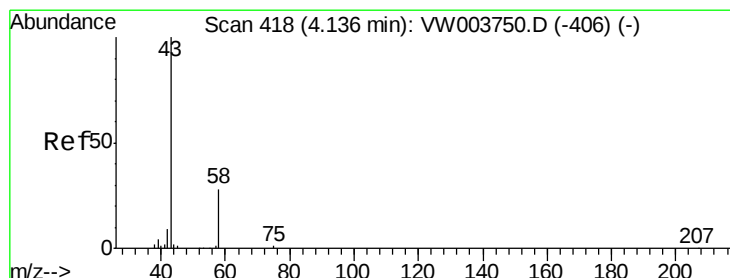
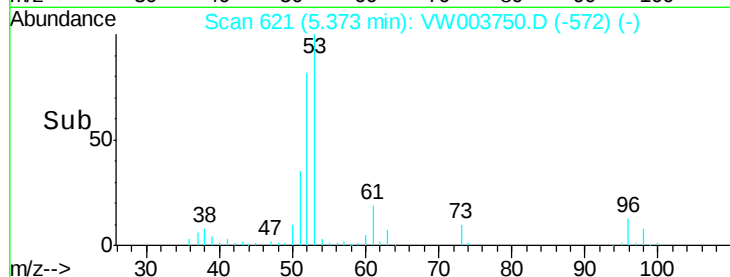
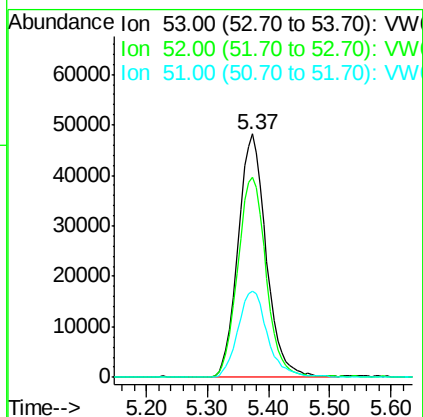
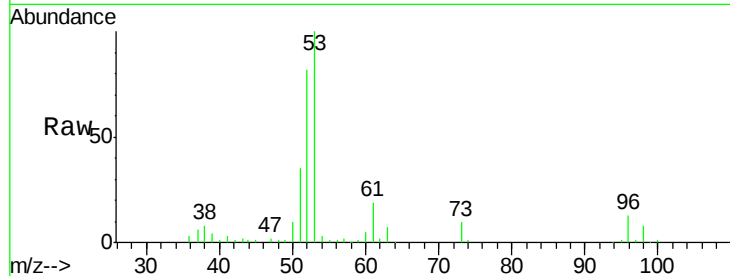




#15
 Acrylonitrile
 Concen: 270.944 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

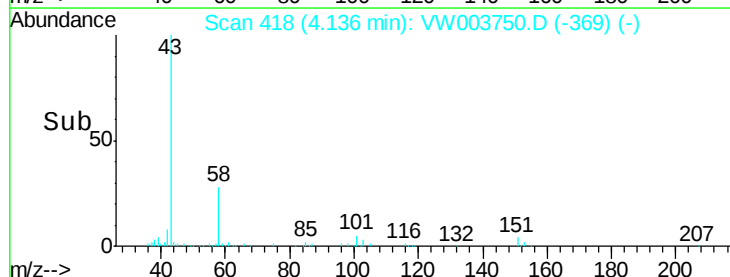
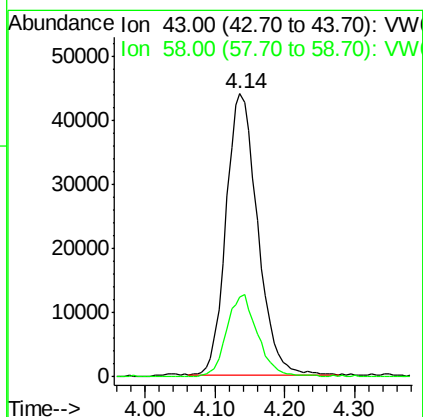
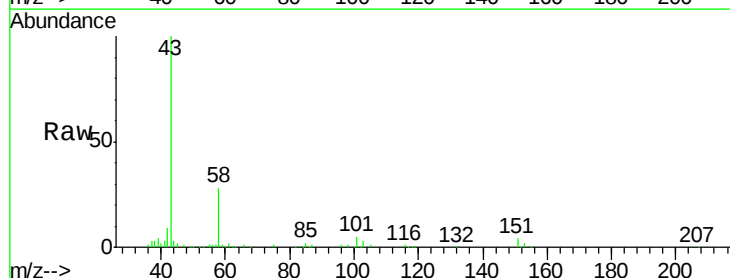
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

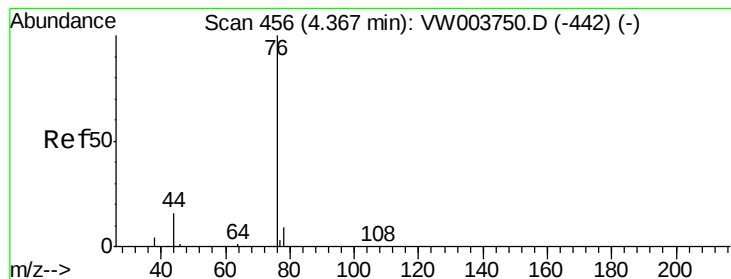
Tgt Ion: 53 Resp: 153218
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.2 99.2
 51 37.8 30.2 45.4



#16
 Acetone
 Concen: 219.149 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 43 Resp: 137699
 Ion Ratio Lower Upper
 43 100
 58 28.3 22.6 34.0





#17

Carbon Disulfide

Concen: 52.943 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

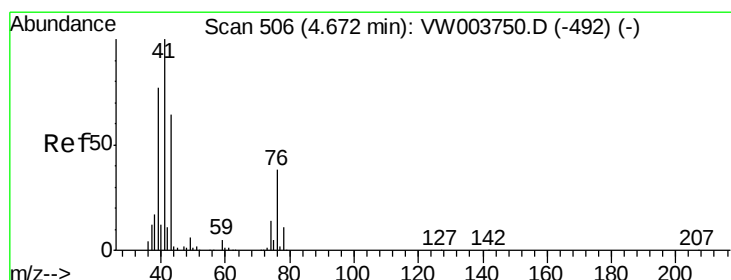
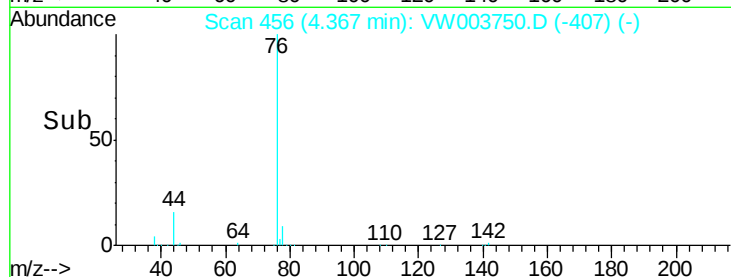
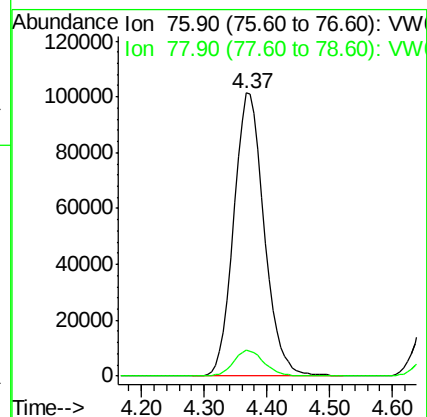
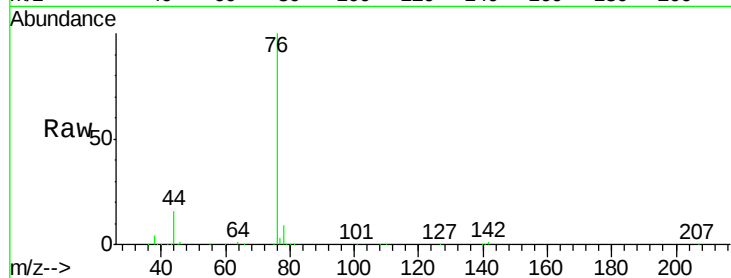
VSTDICCC050

Tgt Ion: 76 Resp: 340895

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



#18

Methyl Acetate

Concen: 52.929 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003750.D

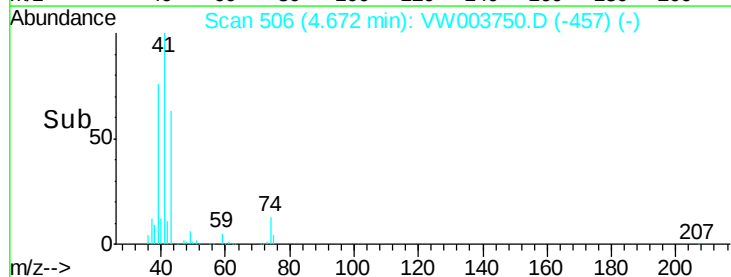
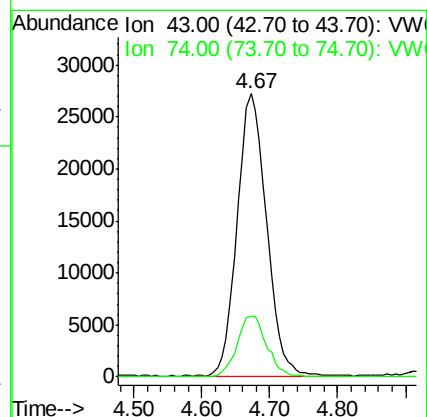
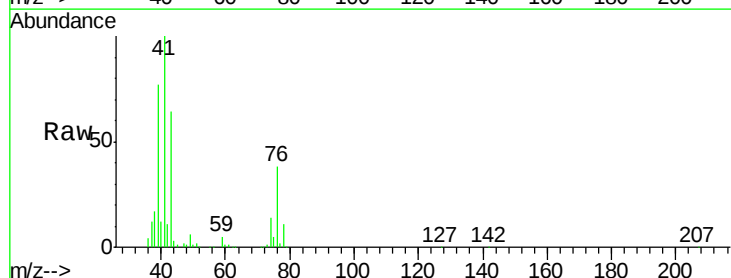
Acq: 07 Jul 2018 00:06

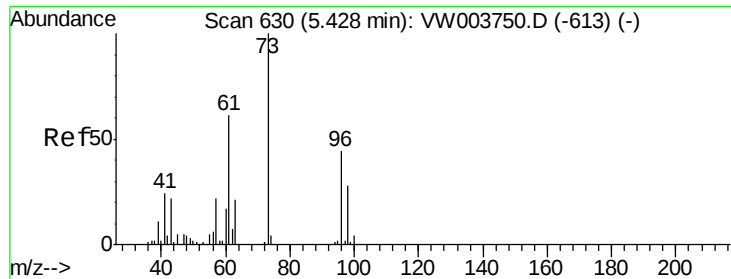
Tgt Ion: 43 Resp: 82580

Ion Ratio Lower Upper

43 100

74 21.6 17.3 25.9

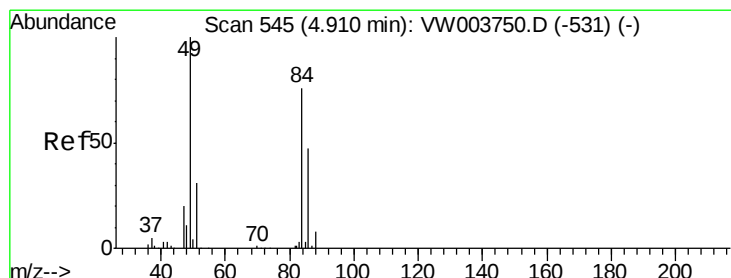
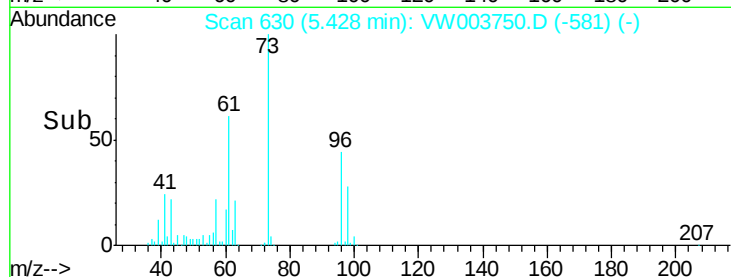
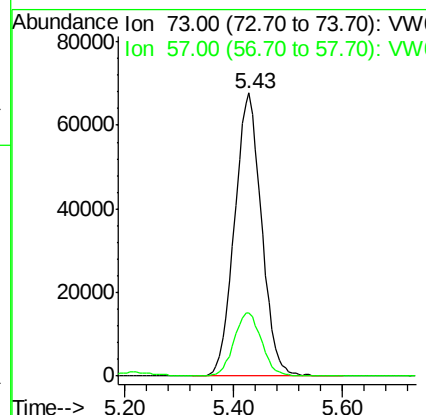
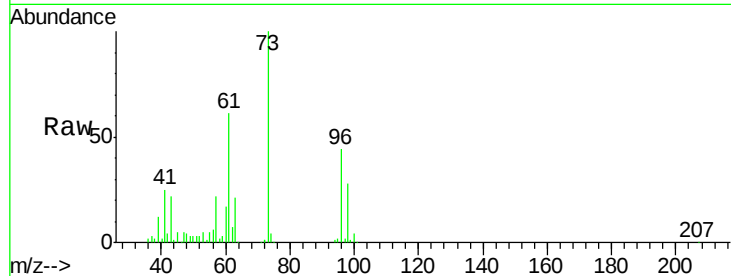




#19
Methyl tert-butyl Ether
Concen: 55.105 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

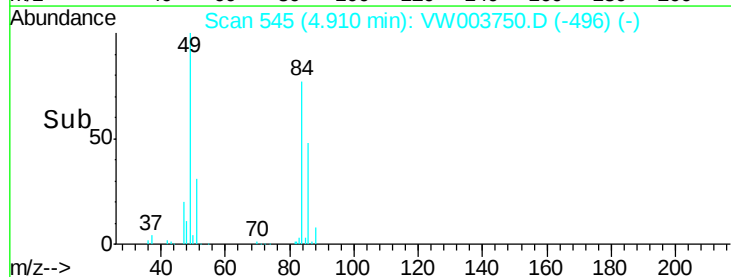
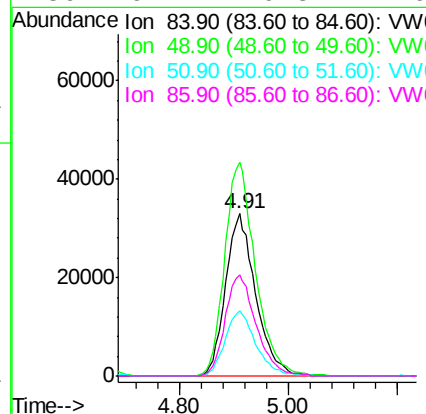
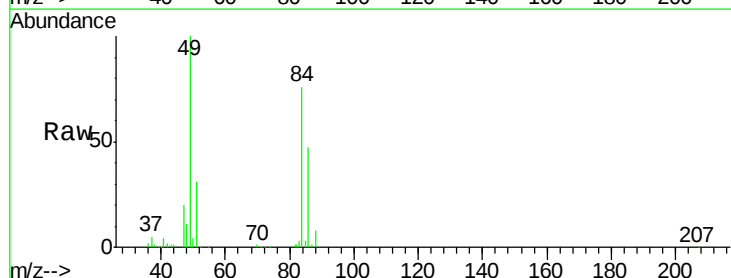
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

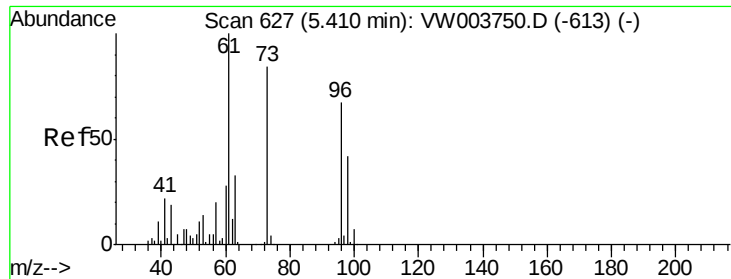
Tgt Ion: 73 Resp: 234352
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 43.755 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion: 84 Resp: 127307
Ion Ratio Lower Upper
84 100
49 131.4 105.1 157.7
51 40.6 32.5 48.7
86 62.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 52.649 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

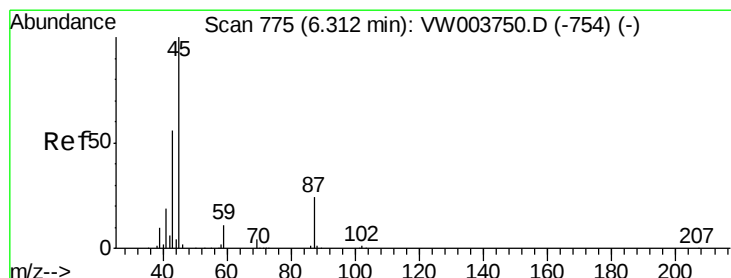
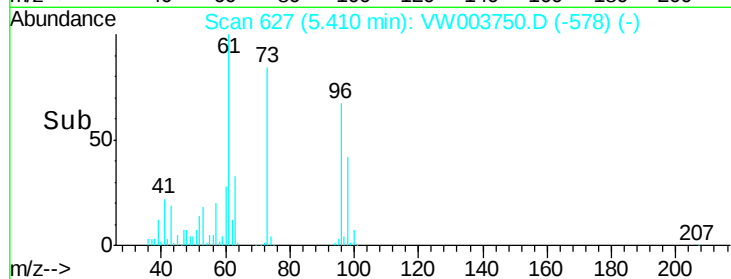
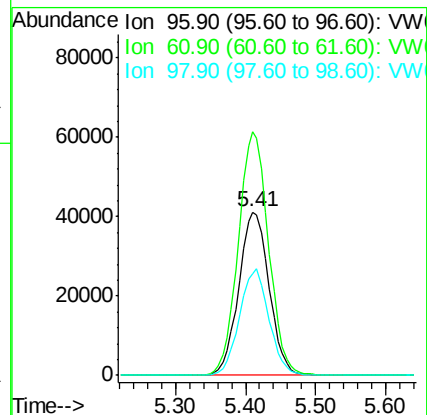
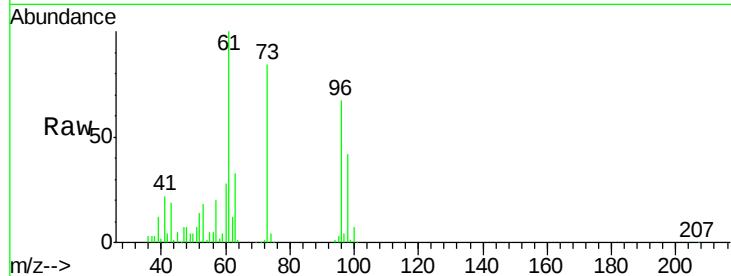
Tgt Ion: 96 Resp: 124346

Ion Ratio Lower Upper

96 100

61 148.8 119.0 178.6

98 62.3 49.8 74.8



#22

Diisopropyl ether

Concen: 55.036 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Tgt Ion: 45 Resp: 419153

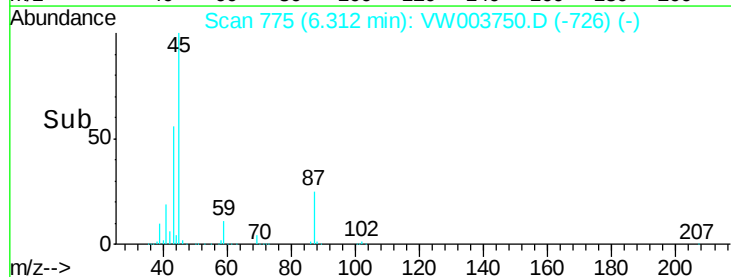
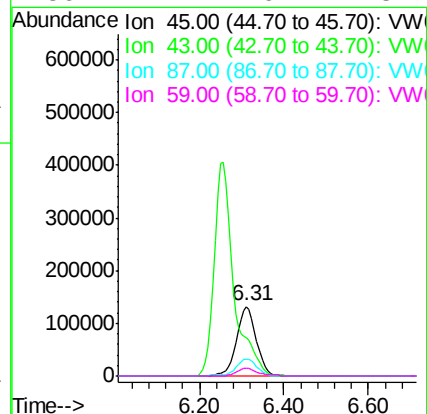
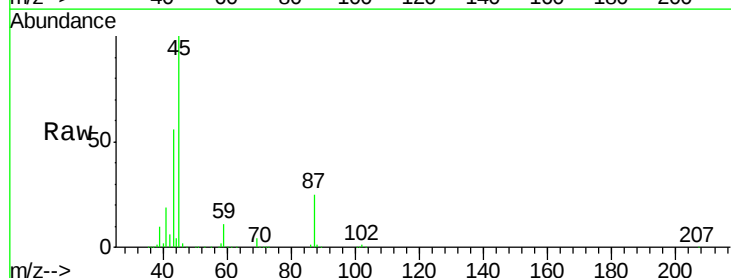
Ion Ratio Lower Upper

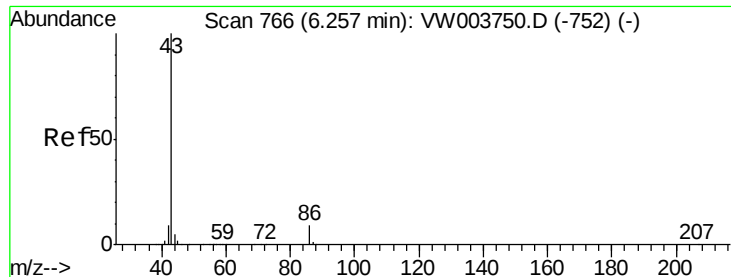
45 100

43 55.6 44.5 66.7

87 24.5 19.6 29.4

59 11.4 9.1 13.7

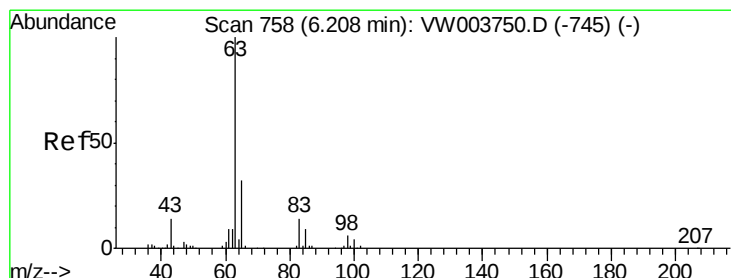
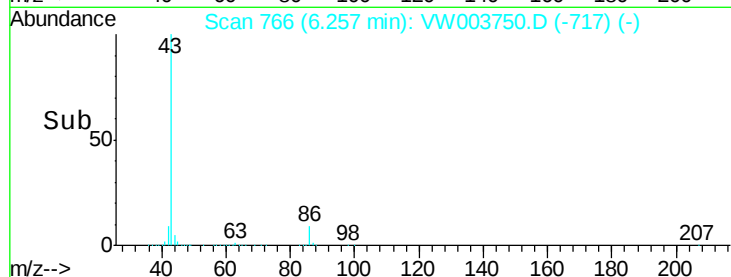
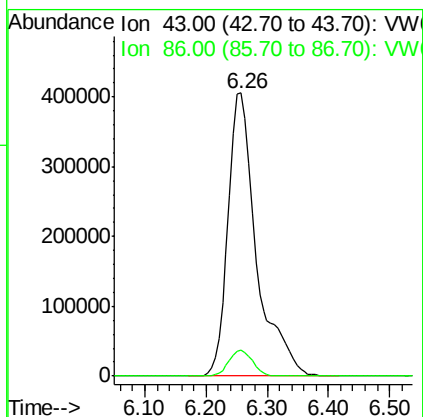
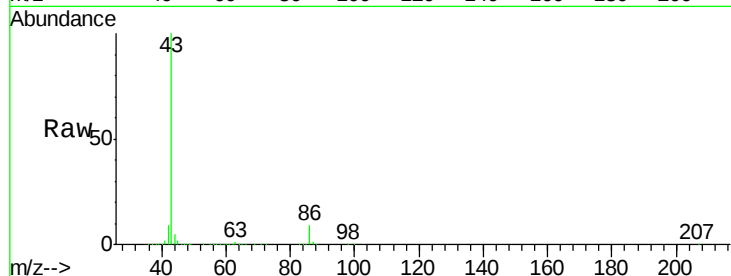




#23
 Vinyl Acetate
 Concen: 282.336 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

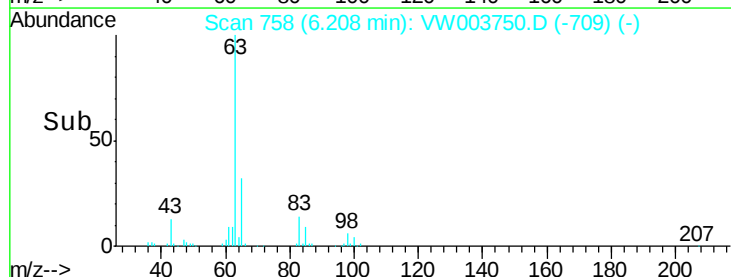
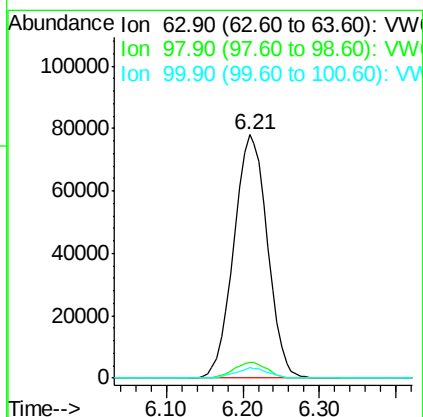
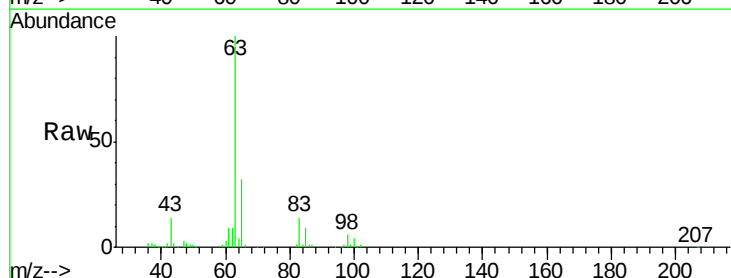
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

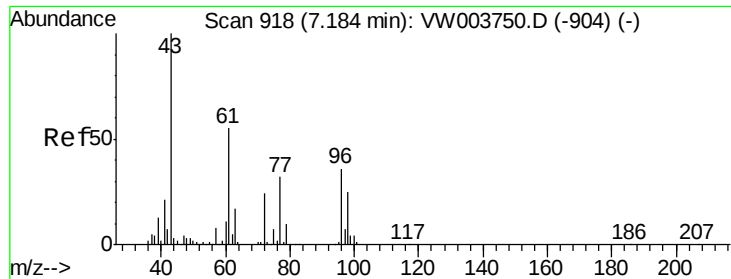
Tgt Ion: 43 Resp: 1310415
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 52.479 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 63 Resp: 237527
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.1 2.1 6.2

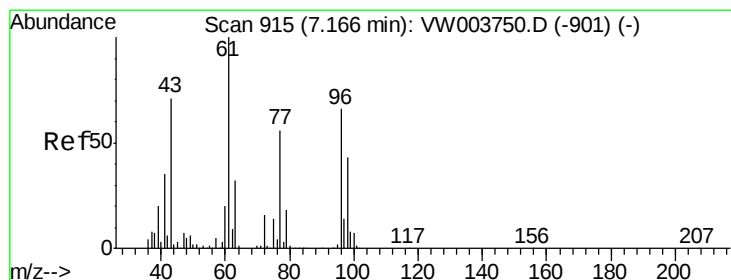
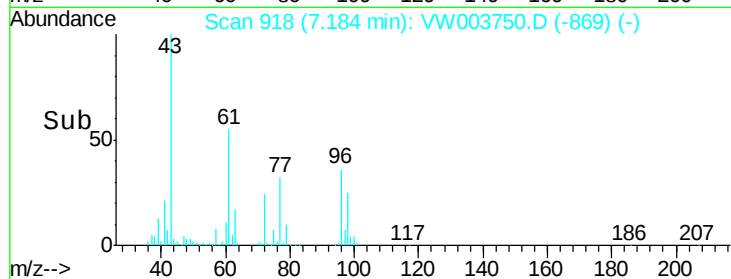
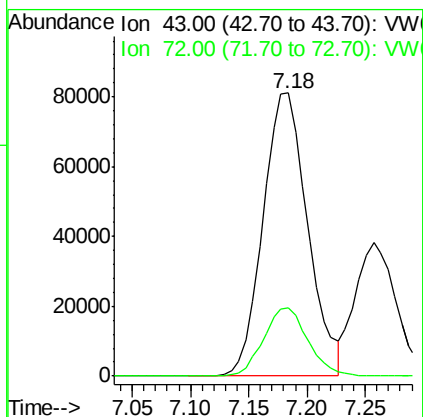
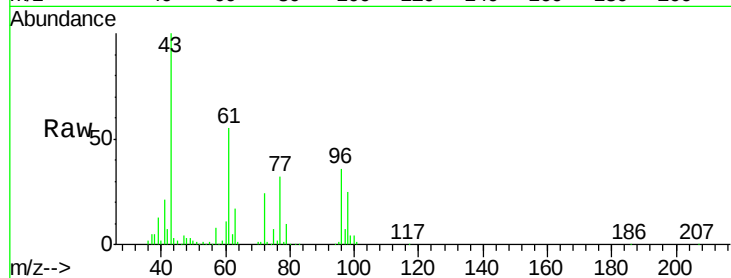




#25
2-Butanone
Concen: 261.186 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

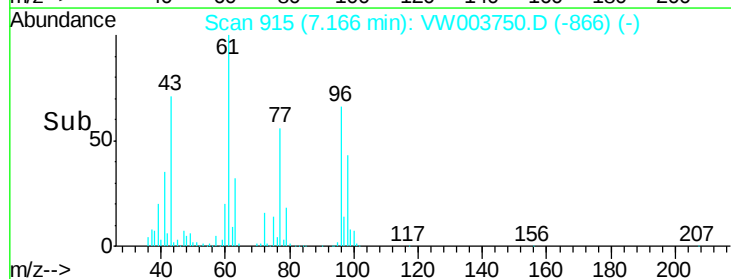
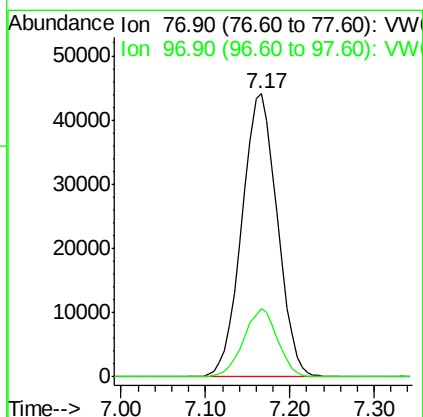
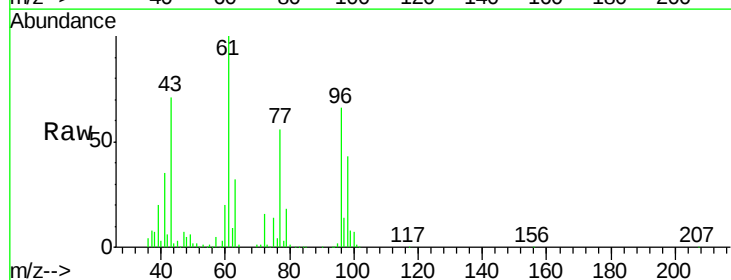
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

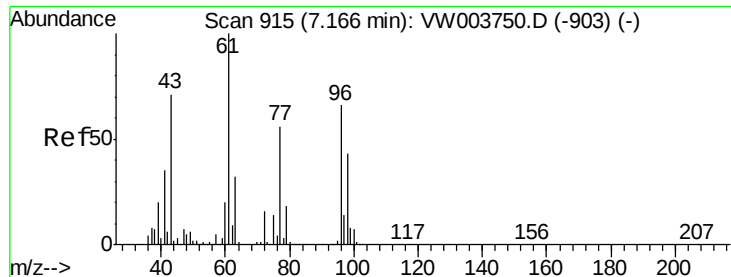
Tgt Ion: 43 Resp: 215162
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 46.077 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion: 77 Resp: 125582
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5

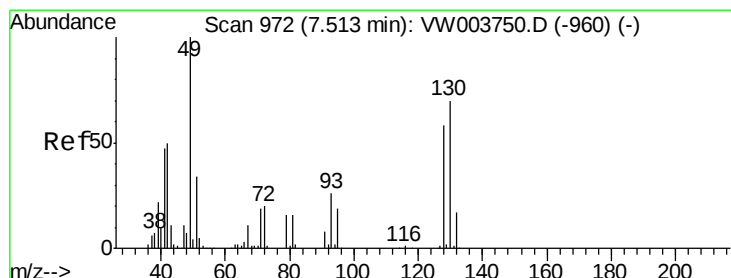
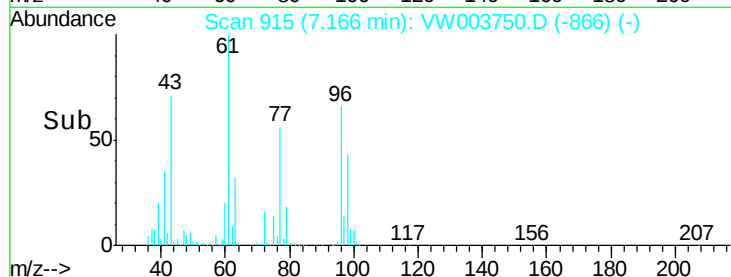
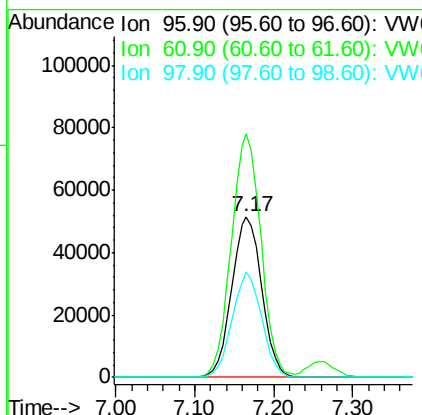
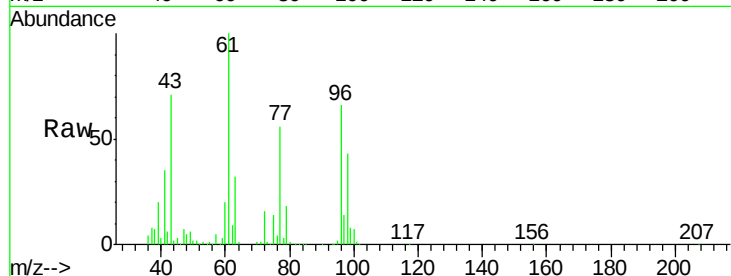




#27
 cis-1,2-Dichloroethene
 Concen: 52.659 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

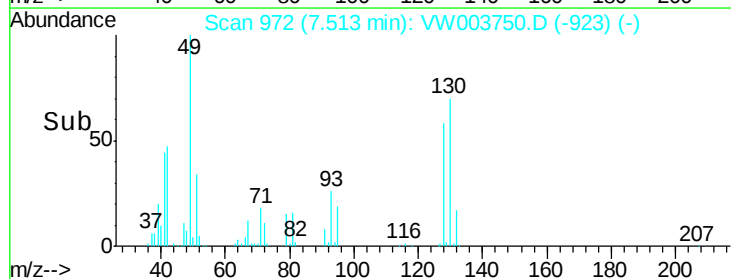
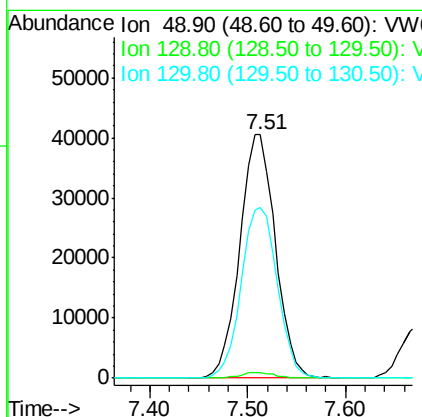
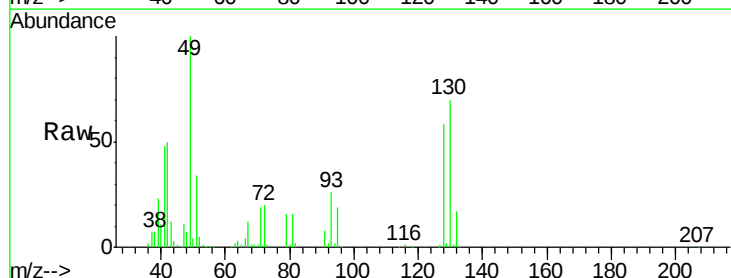
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

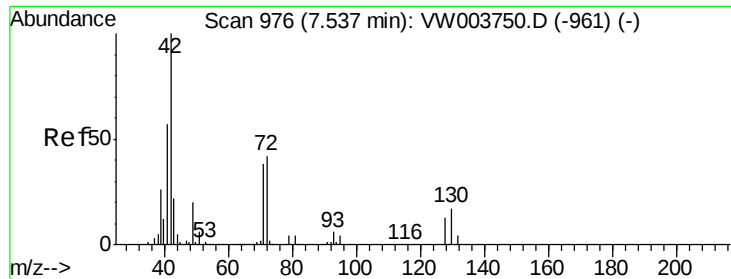
Tgt Ion: 96 Resp: 135886
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 300.8
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 51.754 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 49 Resp: 102339
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 71.1 56.9 85.3

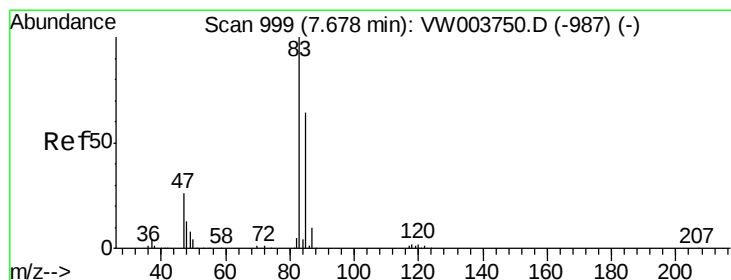
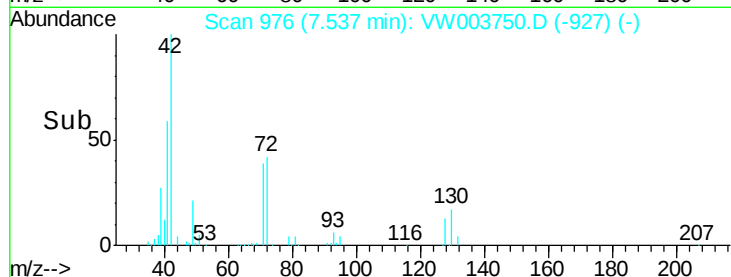
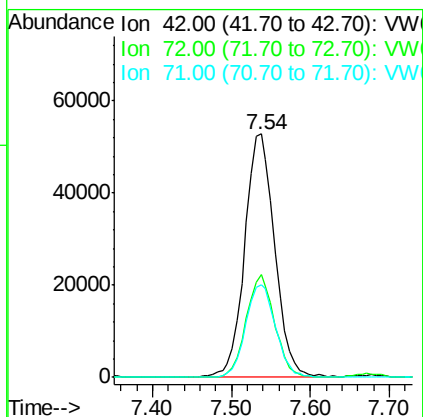
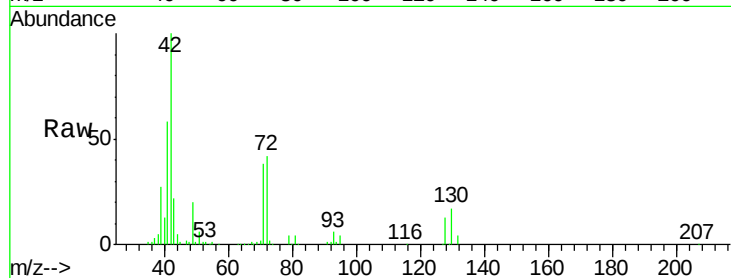




#29
Tetrahydrofuran
Concen: 280.227 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

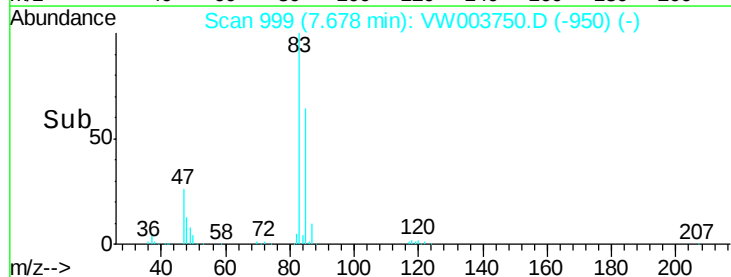
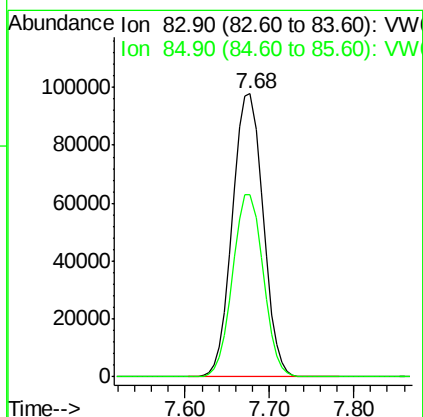
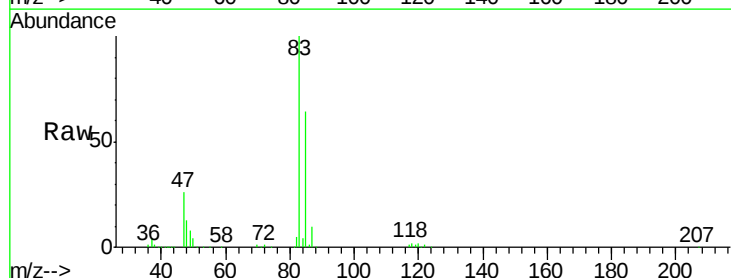
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

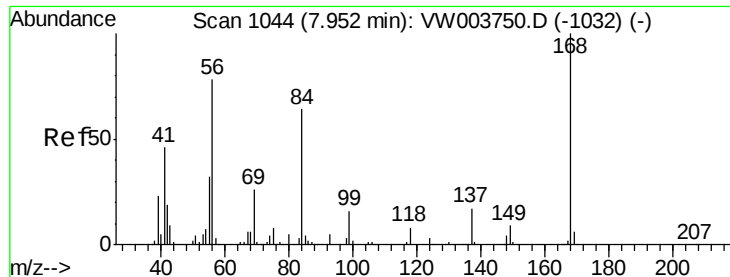
Tgt Ion: 42 Resp: 139958
Ion Ratio Lower Upper
42 100
72 39.8 31.8 47.8
71 37.9 30.3 45.5



#30
Chloroform
Concen: 52.760 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion: 83 Resp: 241856
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3

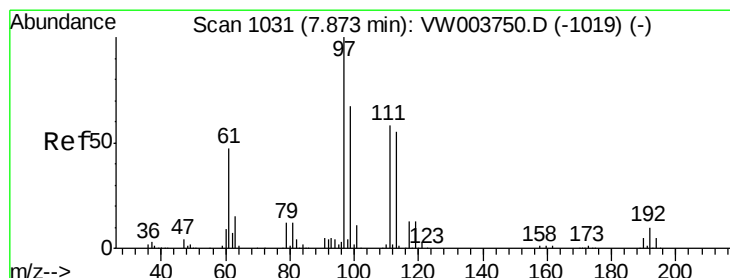
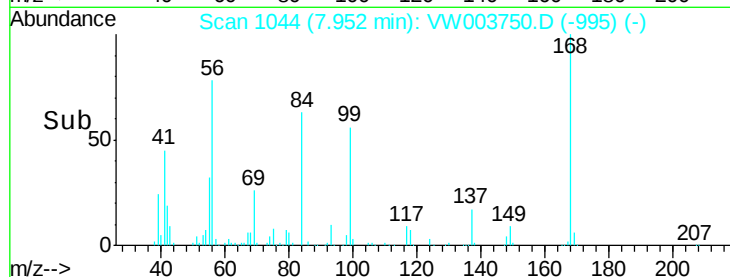
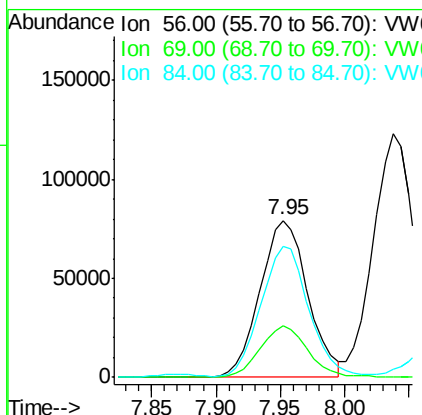
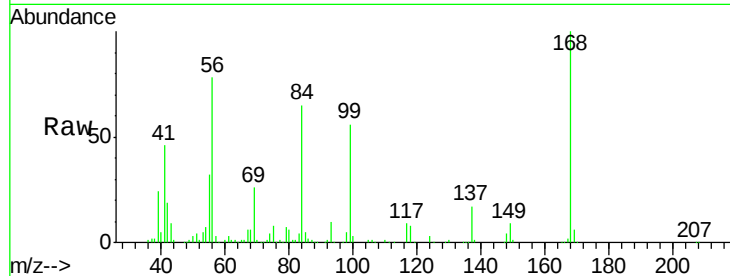




#31
Cyclohexane
Concen: 49.789 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

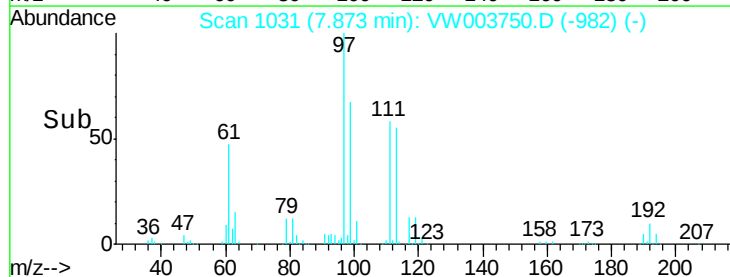
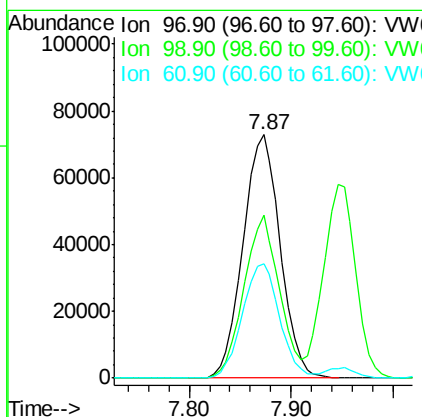
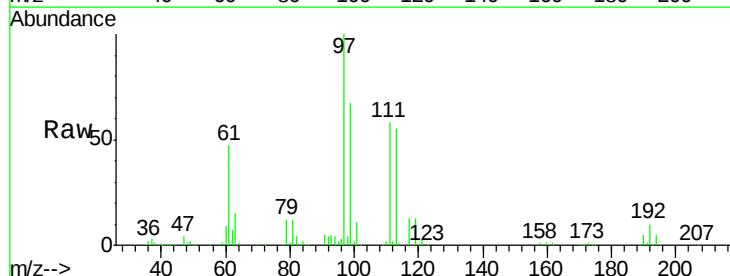
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

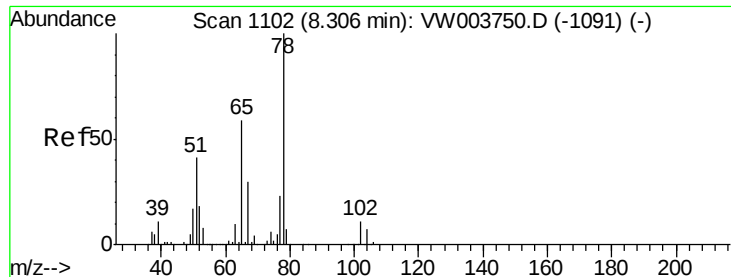
Tgt Ion: 56 Resp: 203829
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 81.9 65.5 98.3



#32
1,1,1-Trichloroethane
Concen: 51.920 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion: 97 Resp: 184628
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 47.0 37.6 56.4

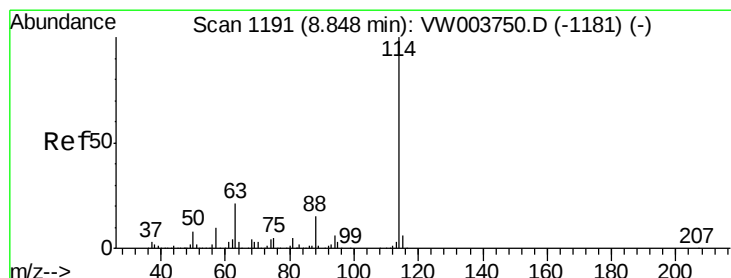
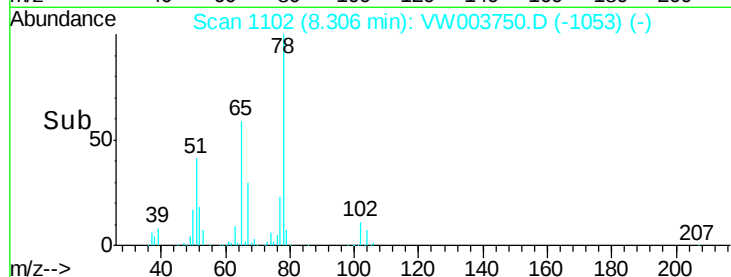
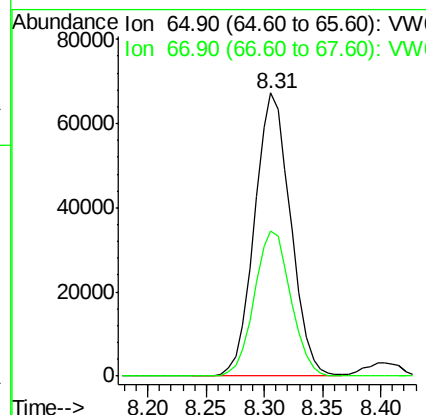
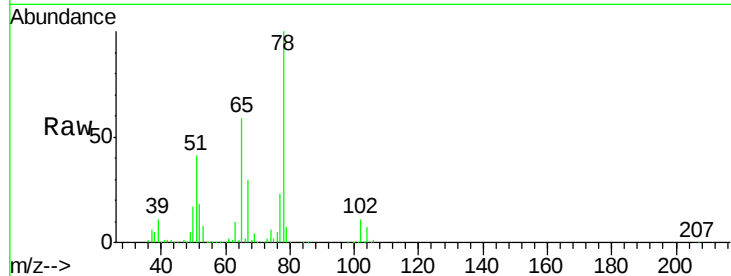




#33
 1,2-Dichloroethane-d4
 Concen: 53.614 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

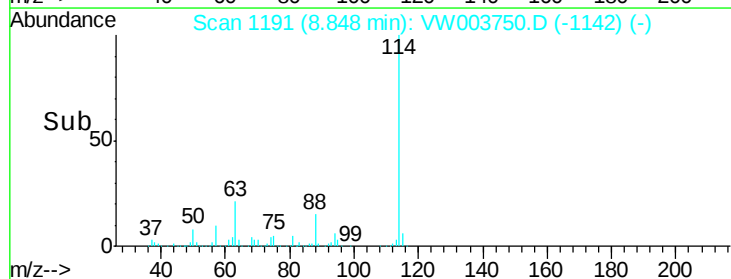
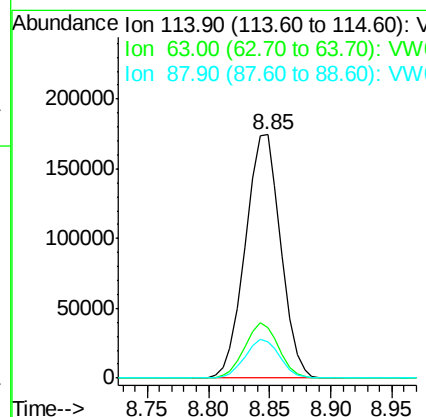
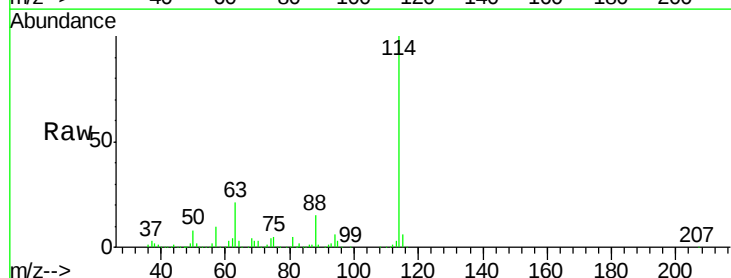
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

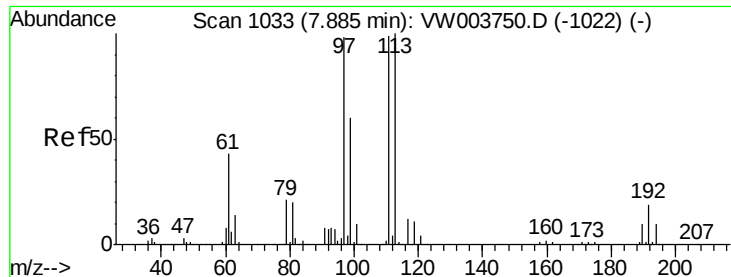
Tgt Ion: 65 Resp: 145115
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 114 Resp: 350799
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.8
 88 15.1 0.0 30.2

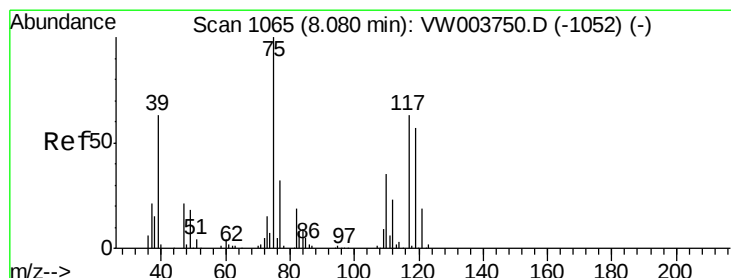
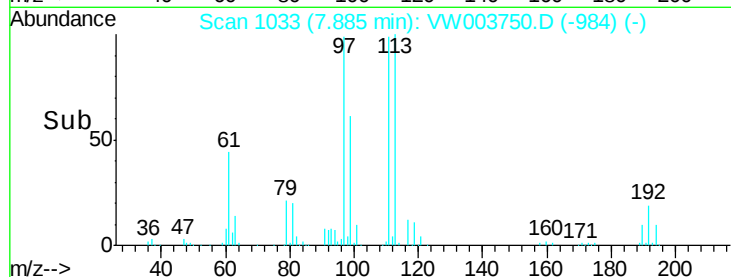
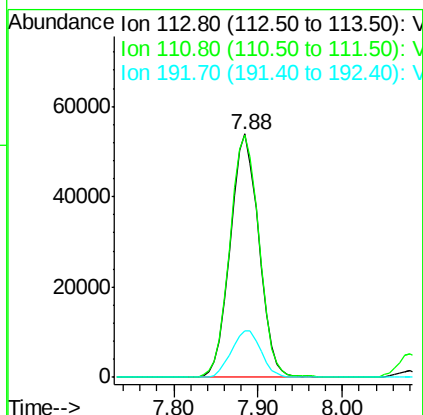
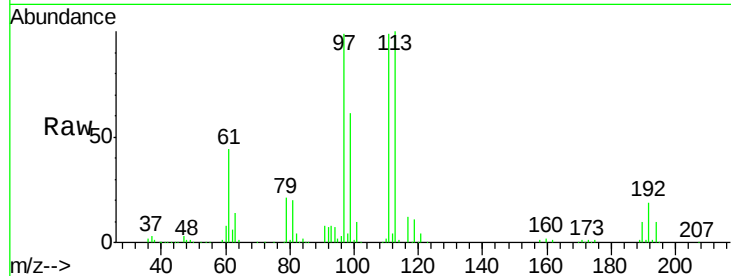




#35
 Dibromofluoromethane
 Concen: 53.595 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

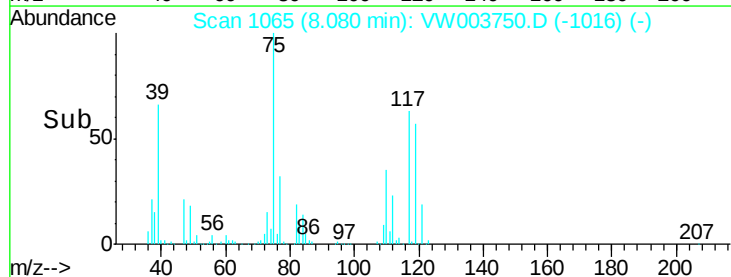
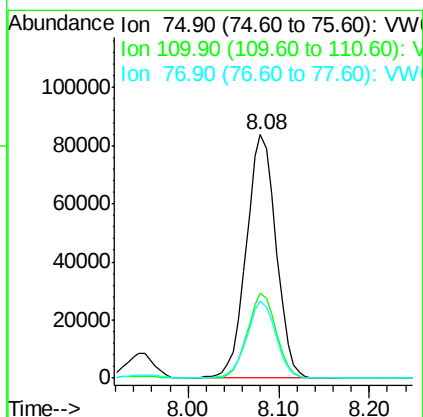
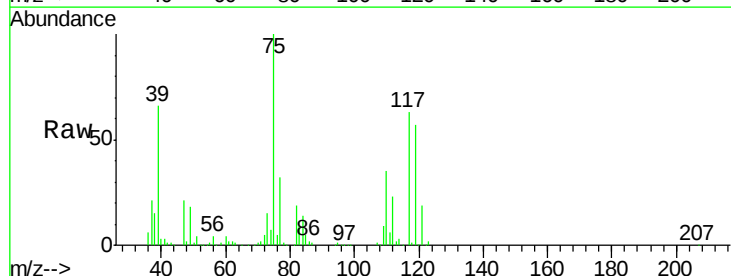
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

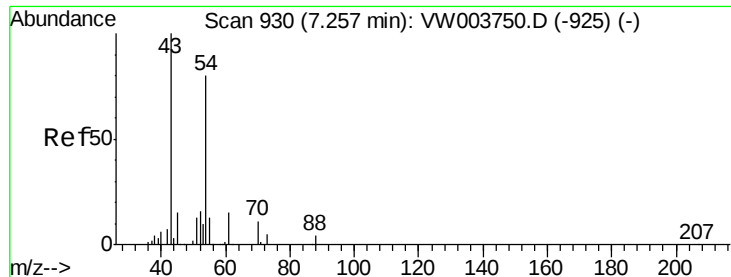
Tgt Ion: 113 Resp: 123818
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 19.8 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 53.593 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 75 Resp: 190358
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 31.0 24.8 37.2

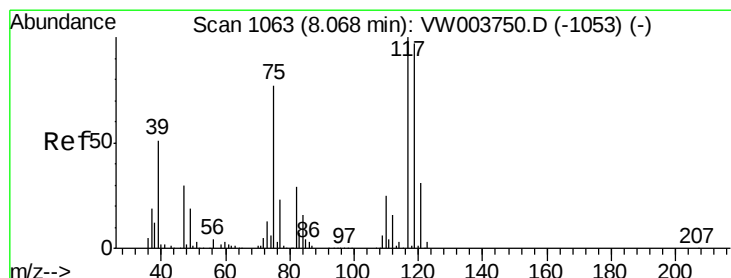
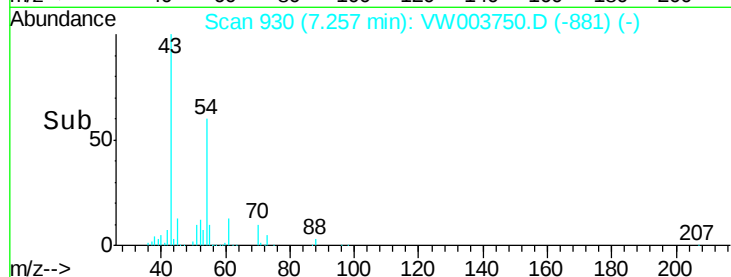
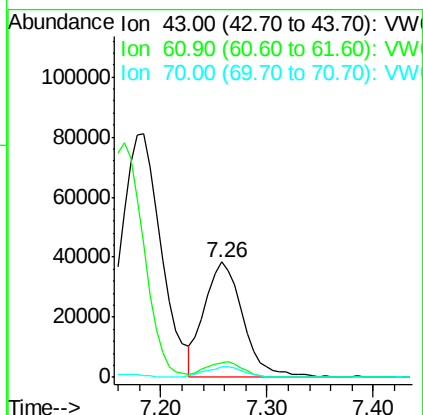
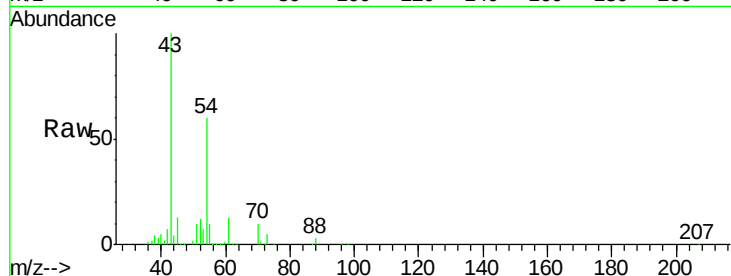




#37
 Ethyl Acetate
 Concen: 54.723 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

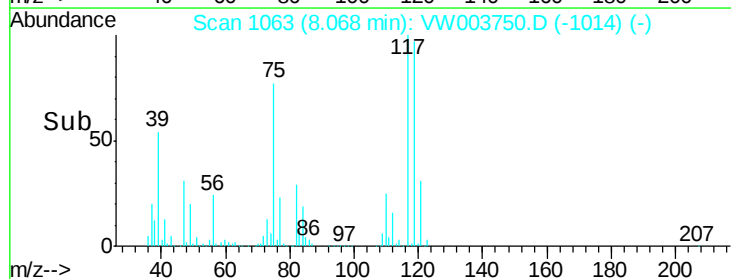
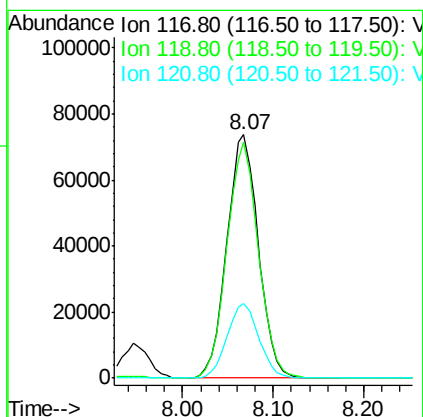
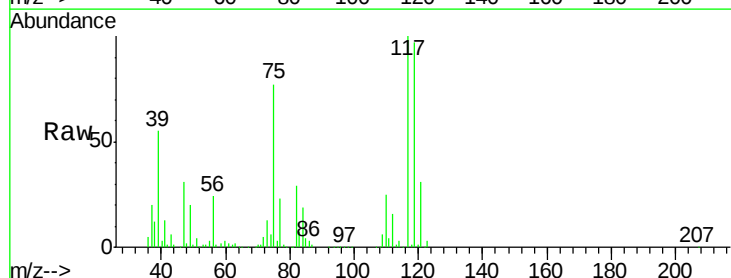
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

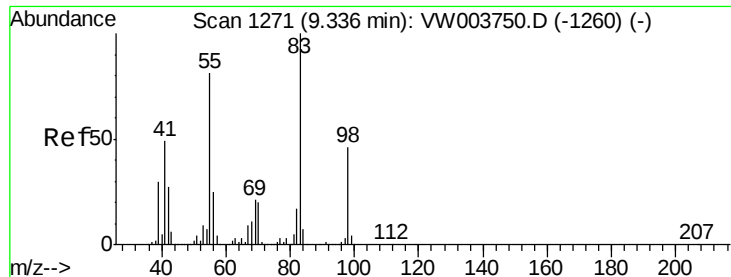
Tgt Ion: 43 Resp: 95414
 Ion Ratio Lower Upper
 43 100
 61 13.2 10.6 15.8
 70 9.4 7.5 11.3



#38
 Carbon Tetrachloride
 Concen: 52.769 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 117 Resp: 178193
 Ion Ratio Lower Upper
 117 100
 119 96.8 77.4 116.2
 121 30.8 24.6 37.0

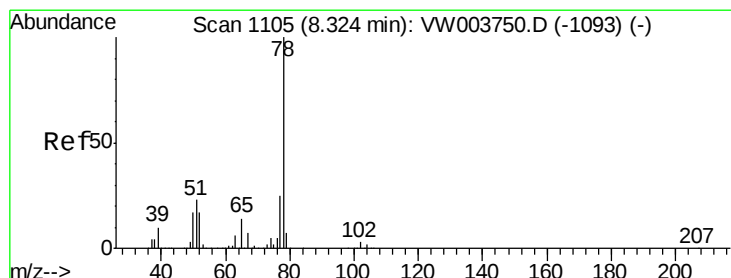
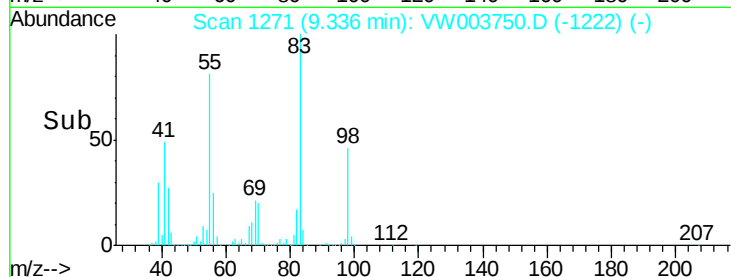
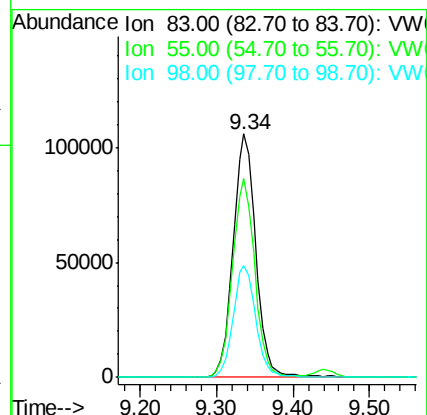
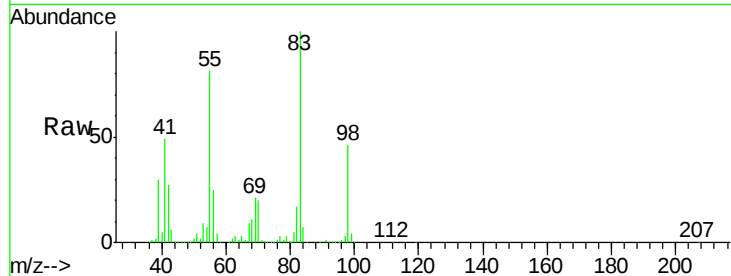




#39
Methylcyclohexane
Concen: 53.377 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

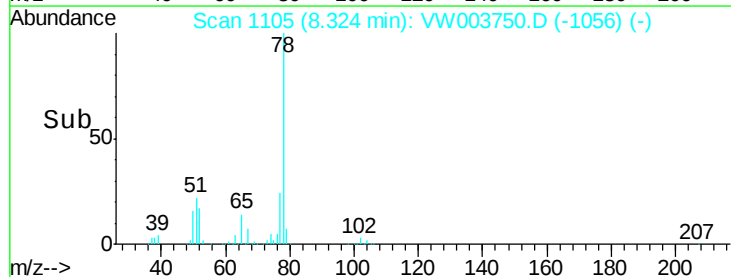
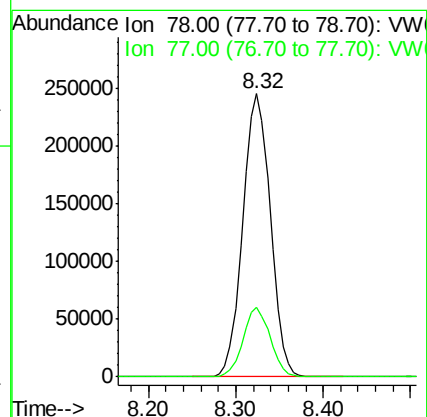
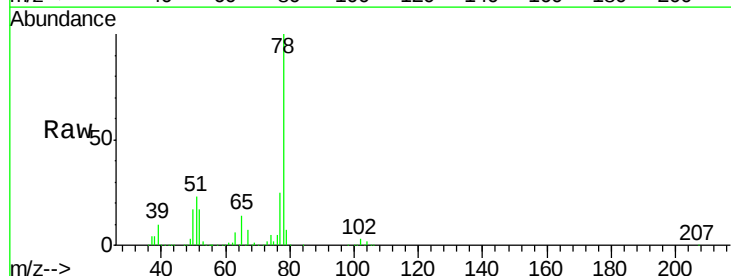
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

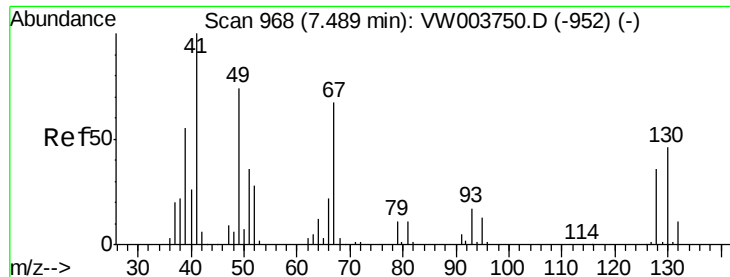
Tgt Ion: 83 Resp: 217055
Ion Ratio Lower Upper
83 100
55 81.4 65.1 97.7
98 45.9 36.7 55.1



#40
Benzene
Concen: 53.635 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion: 78 Resp: 537243
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5





#41

Methacrylonitrile

Concen: 56.252 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 55957

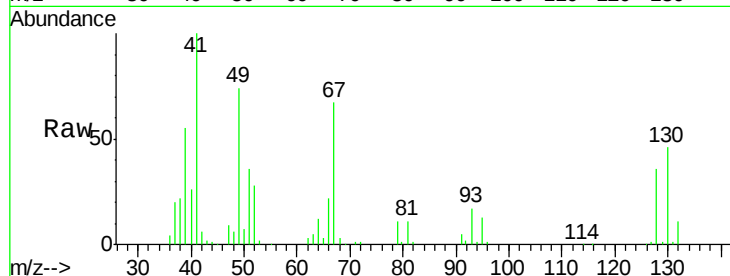
Ion Ratio Lower Upper

41 100

39 61.9 49.5 74.3

67 67.3 53.8 80.8

52 30.4 24.3 36.5

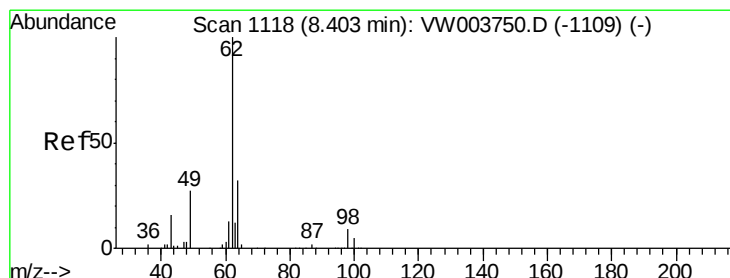
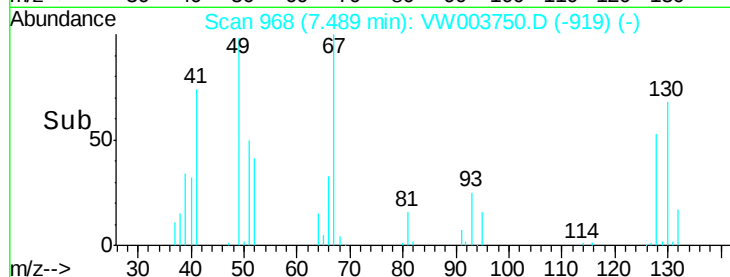
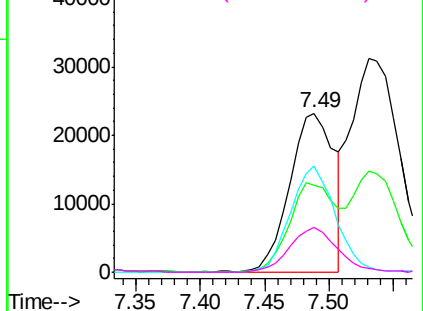


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 54.961 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003750.D

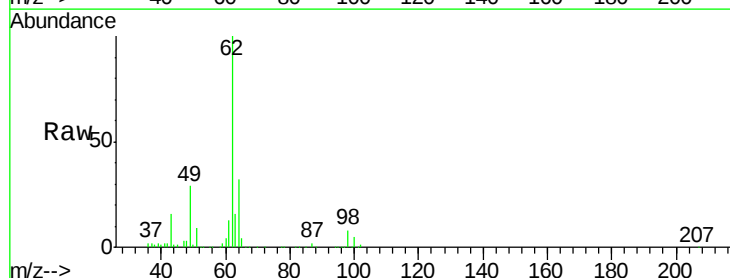
Acq: 07 Jul 2018 00:06

Tgt Ion: 62 Resp: 174515

Ion Ratio Lower Upper

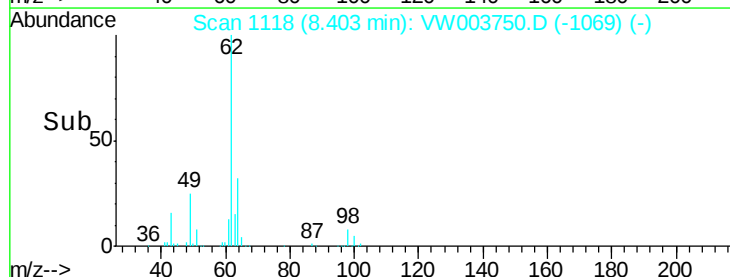
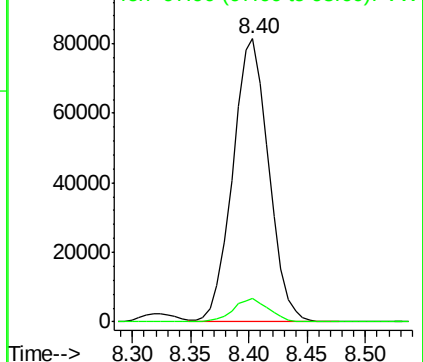
62 100

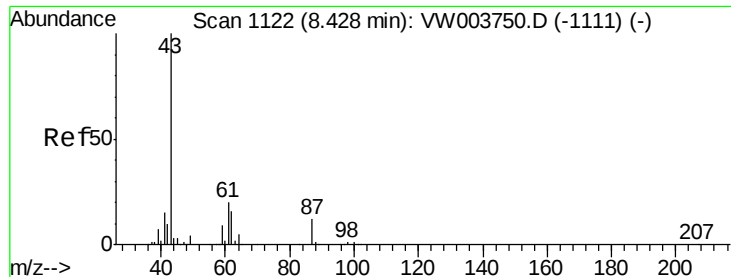
98 8.2 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 56.083 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

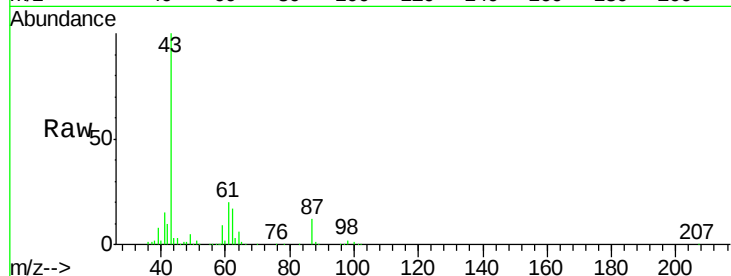
Tgt Ion: 43 Resp: 184970

Ion Ratio Lower Upper

43 100

61 28.5 22.8 34.2

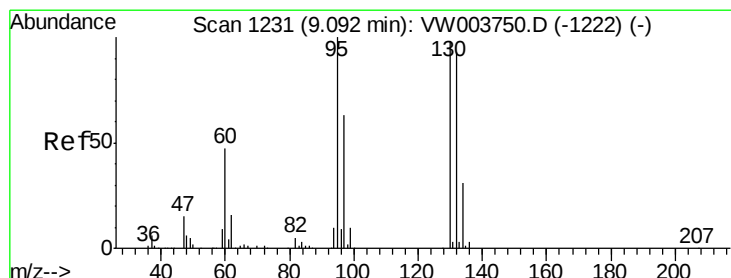
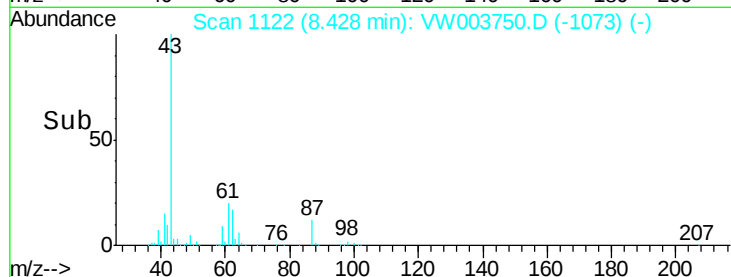
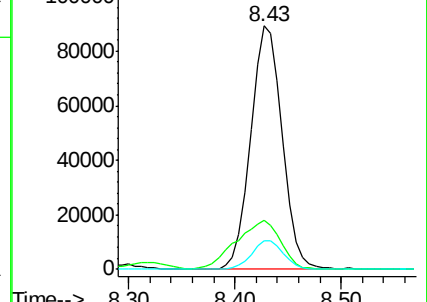
87 11.9 9.5 14.3



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: 52.202 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003750.D

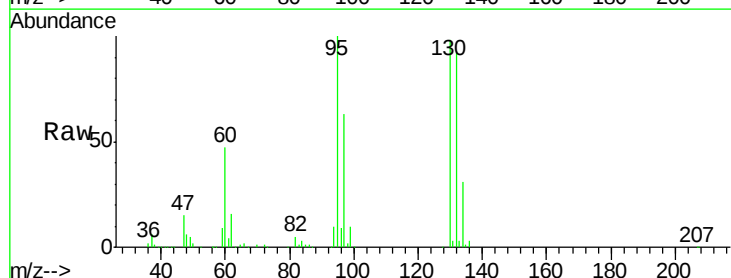
Acq: 07 Jul 2018 00:06

Tgt Ion: 130 Resp: 134922

Ion Ratio Lower Upper

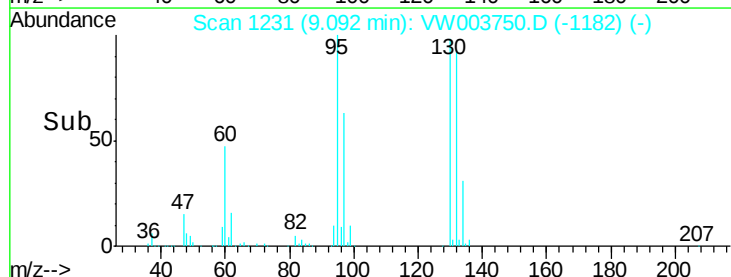
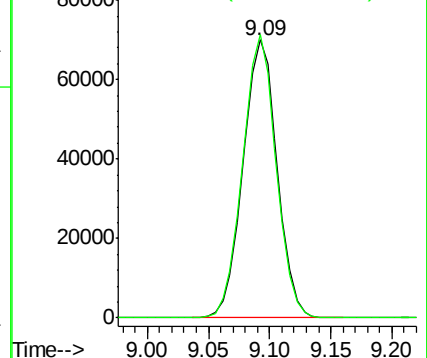
130 100

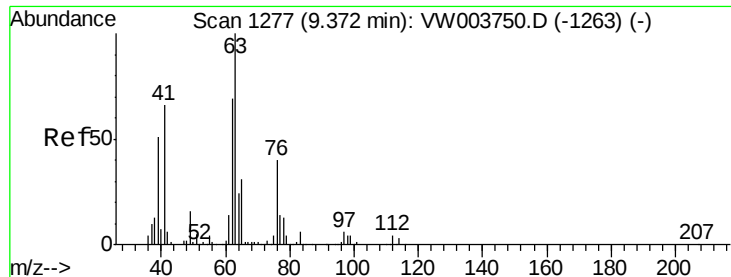
95 101.9 0.0 203.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 53.645 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

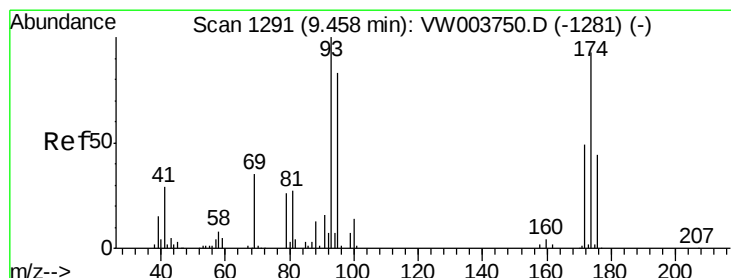
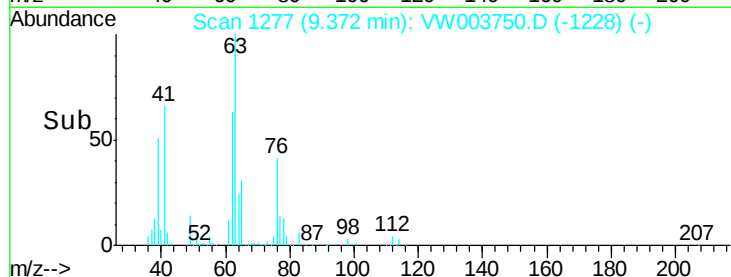
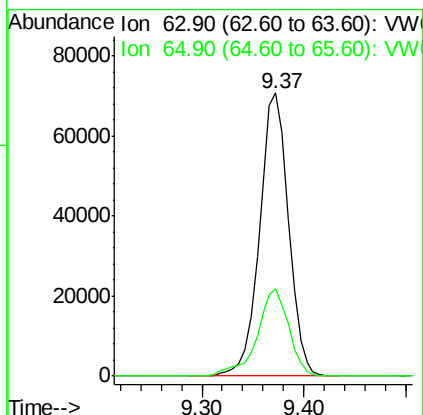
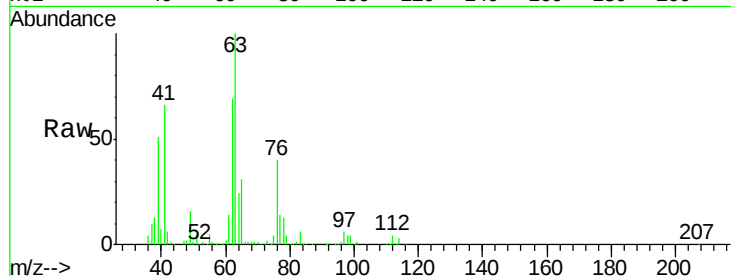
VSTDICCC050

Tgt Ion: 63 Resp: 139733

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 55.148 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

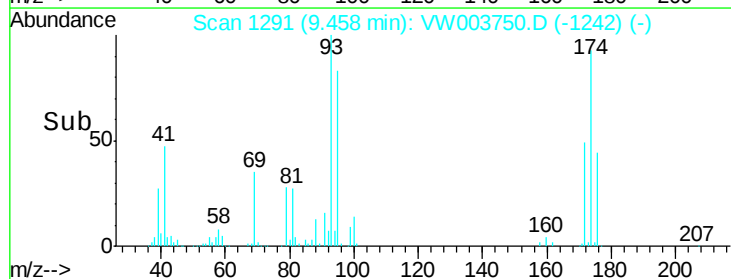
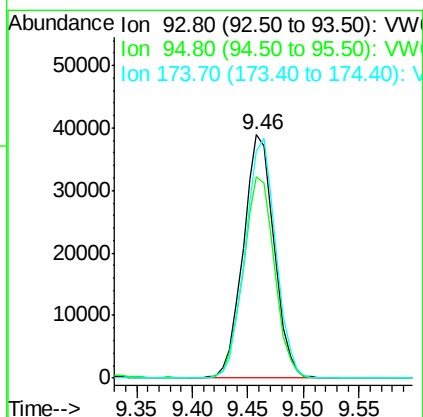
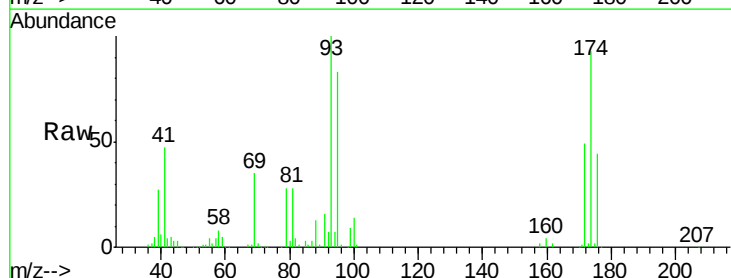
Tgt Ion: 93 Resp: 74947

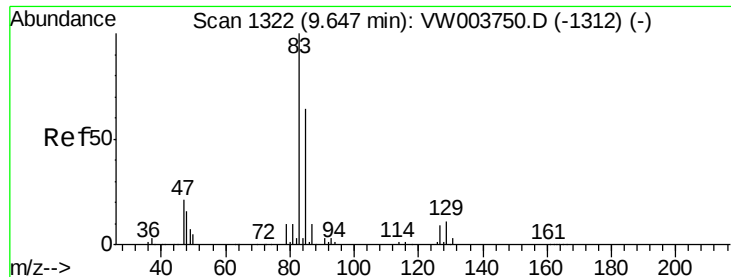
Ion Ratio Lower Upper

93 100

95 84.0 67.2 100.8

174 97.6 78.1 117.1





#47

Bromodichloromethane

Concen: 54.484 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

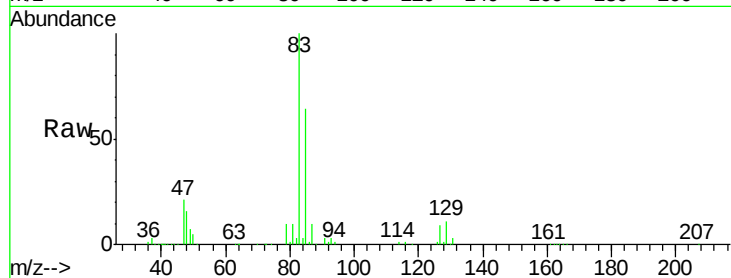
Tgt Ion: 83 Resp: 182262

Ion Ratio Lower Upper

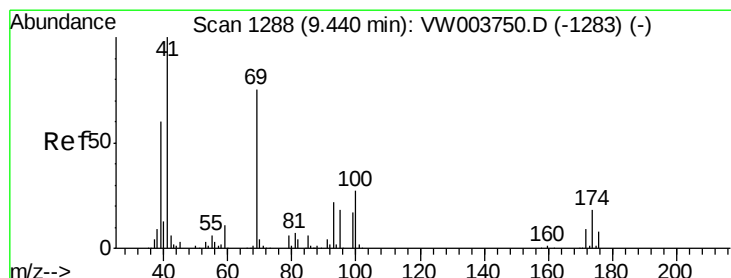
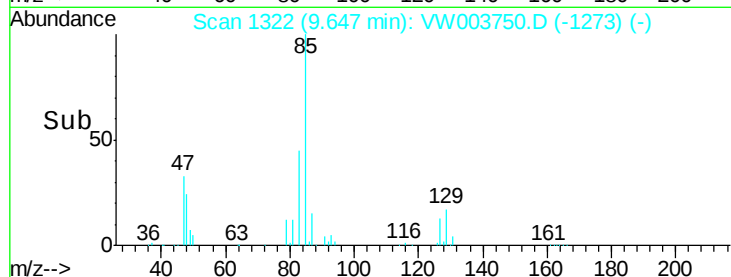
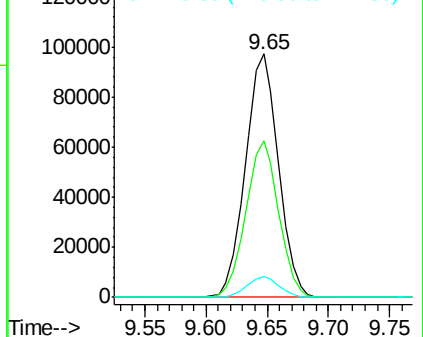
83 100

85 64.2 51.4 77.0

127 8.5 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: 58.360 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

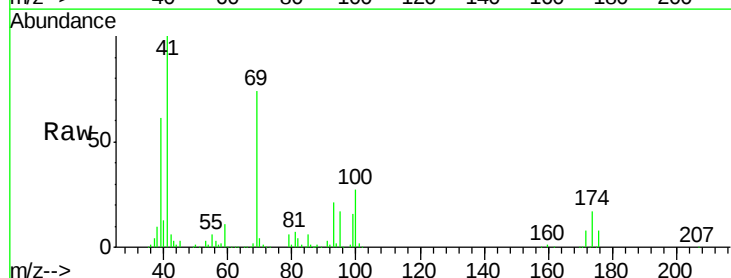
Tgt Ion: 41 Resp: 91511

Ion Ratio Lower Upper

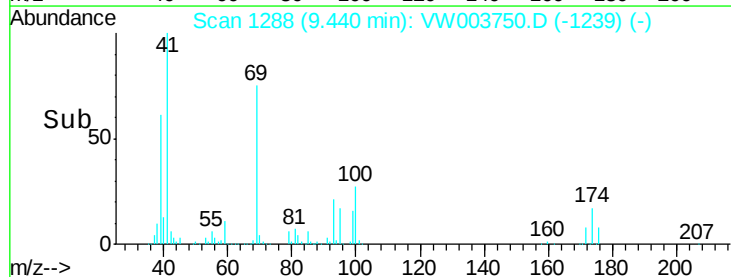
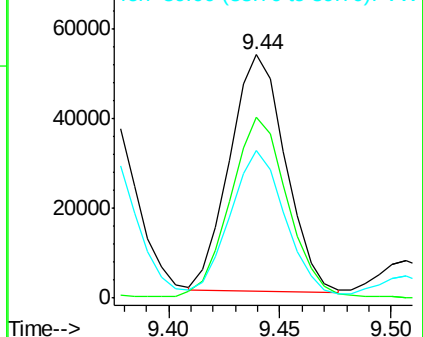
41 100

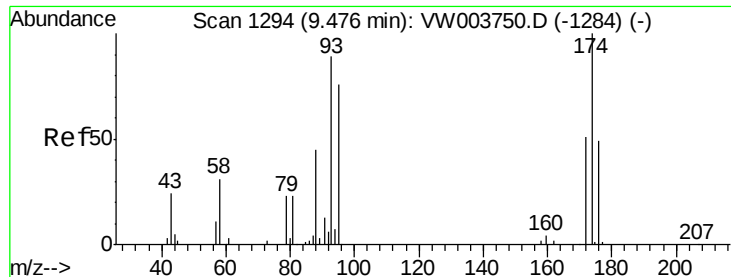
69 79.8 63.8 95.8

39 62.7 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

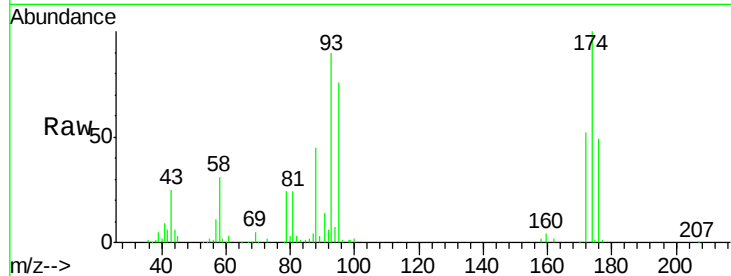




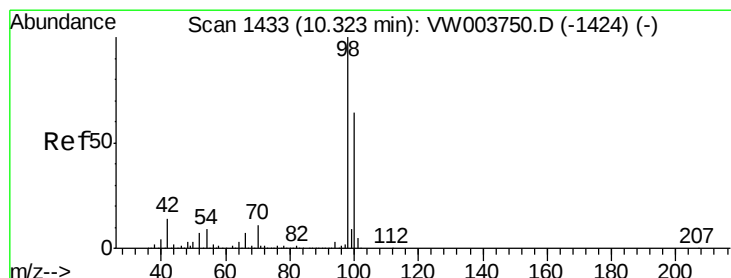
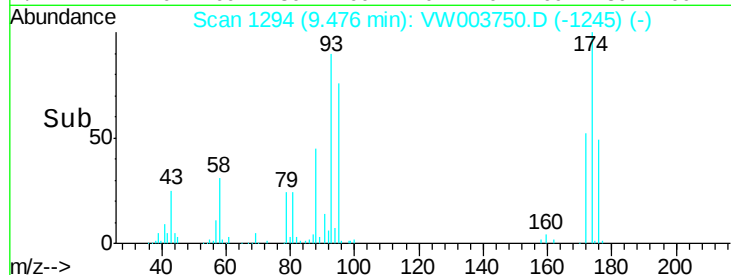
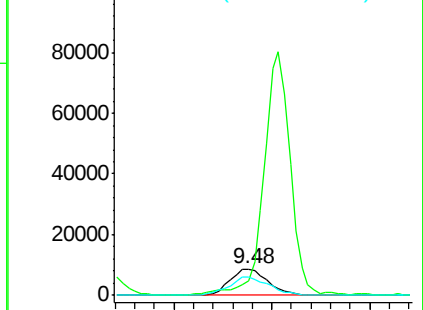
#49
1,4-Dioxane
Concen: 1096.643 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 23218
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.6 59.7 89.5

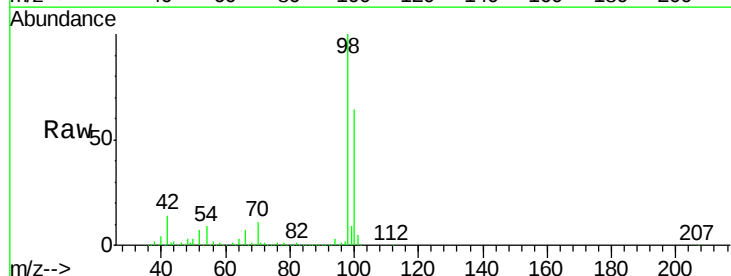


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

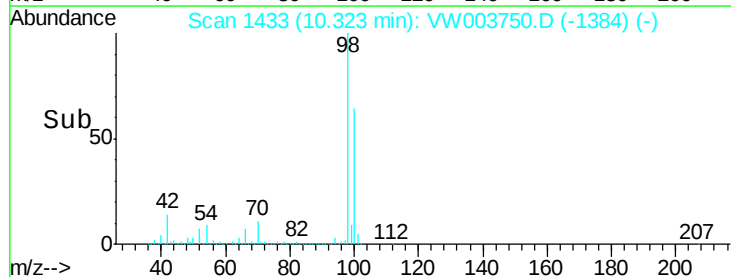
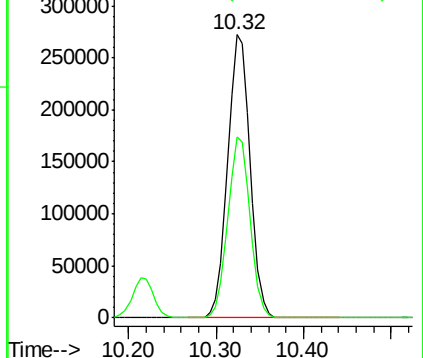


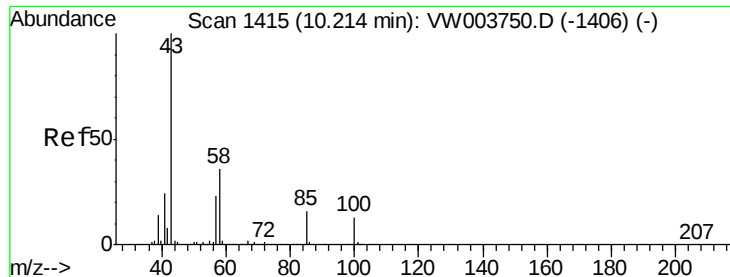
#50
Toluene-d8
Concen: 53.510 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion: 98 Resp: 484045
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2



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

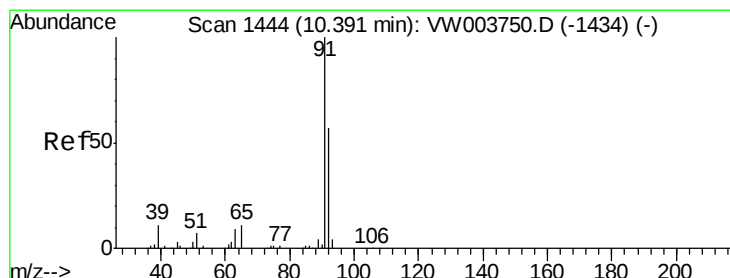
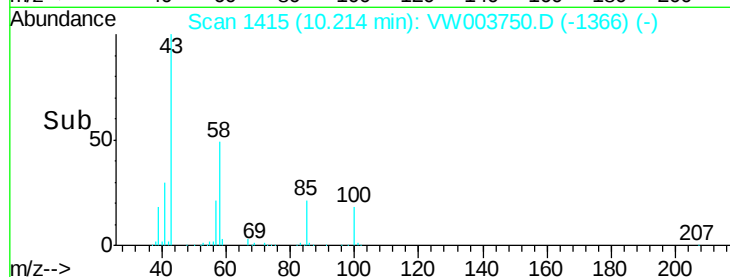
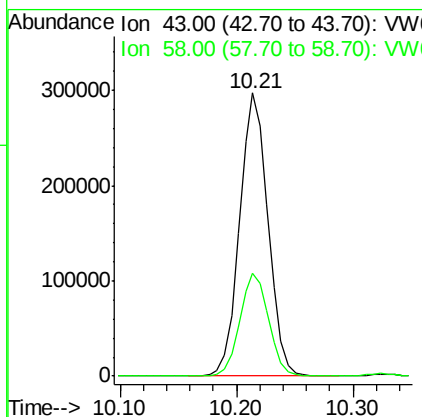
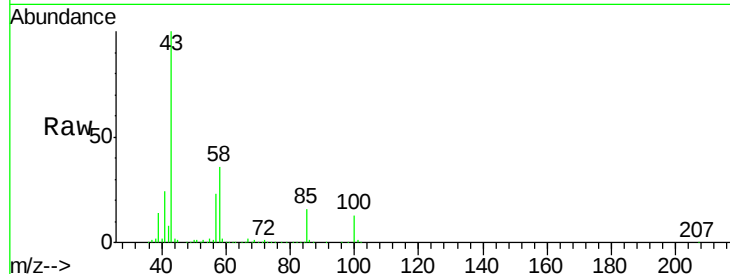




#51
 4-Methyl-2-Pentanone
 Concen: 289.107 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

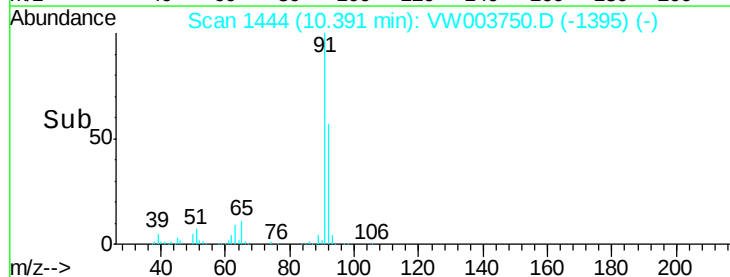
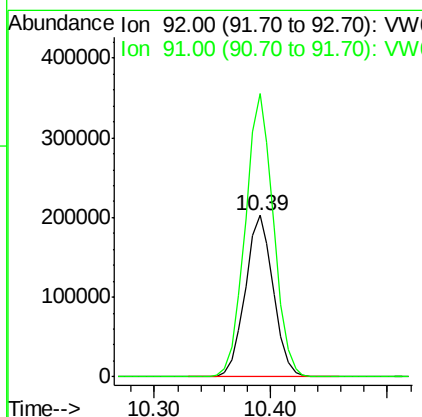
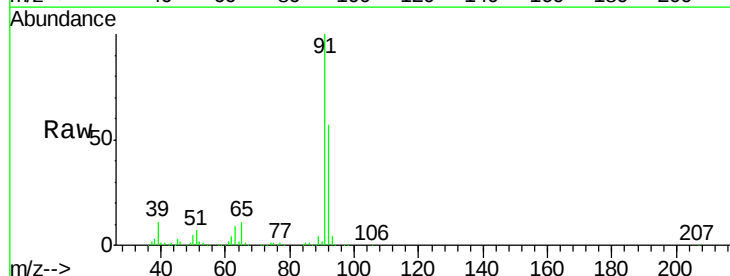
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

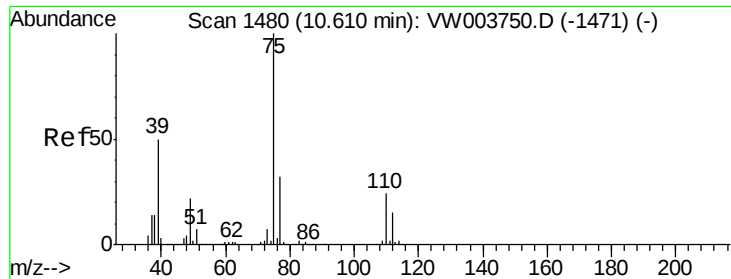
Tgt Ion: 43 Resp: 503975
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.3 43.9



#52
 Toluene
 Concen: 54.455 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 92 Resp: 339889
 Ion Ratio Lower Upper
 92 100
 91 175.8 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 54.934 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

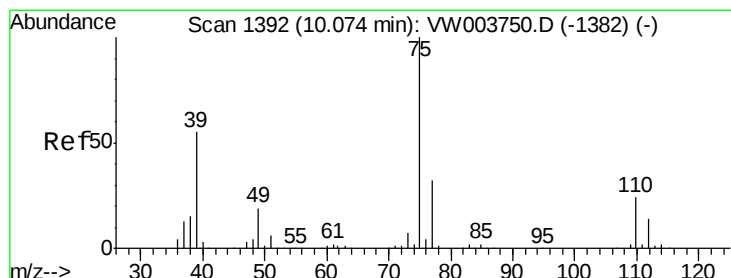
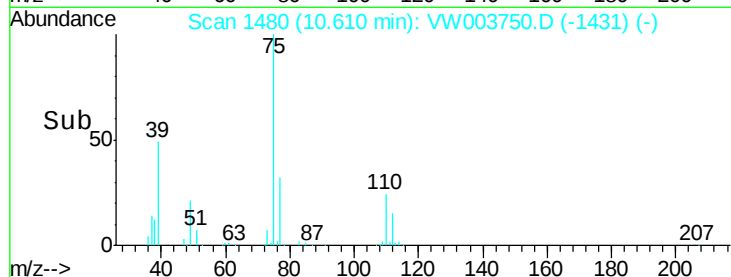
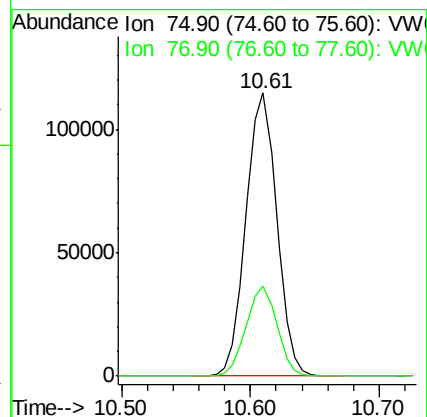
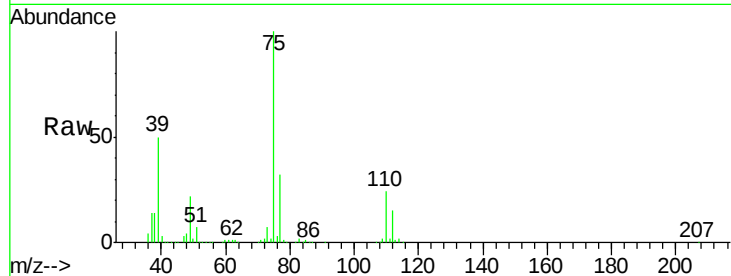
VSTDICCC050

Tgt Ion: 75 Resp: 190096

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 54.321 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

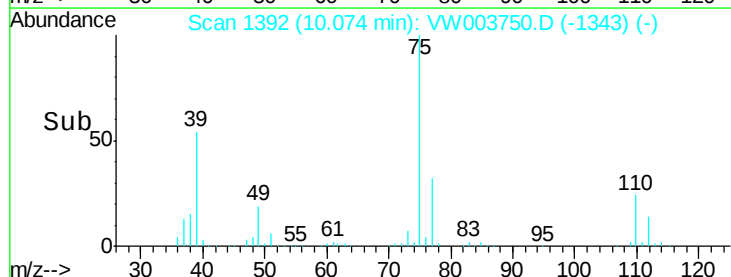
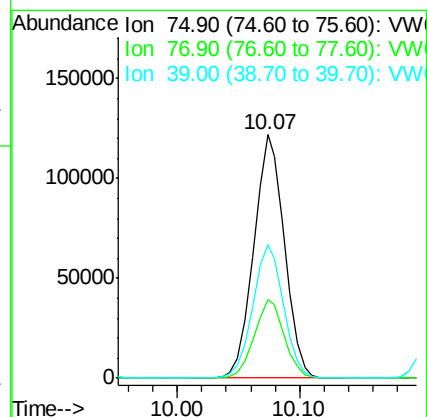
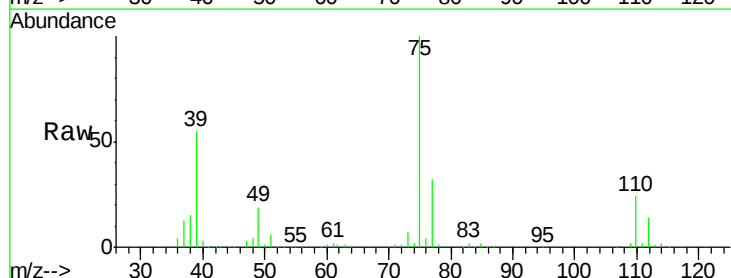
Tgt Ion: 75 Resp: 212499

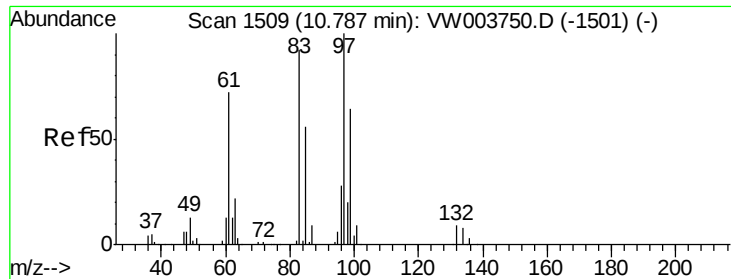
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 54.5 43.6 65.4

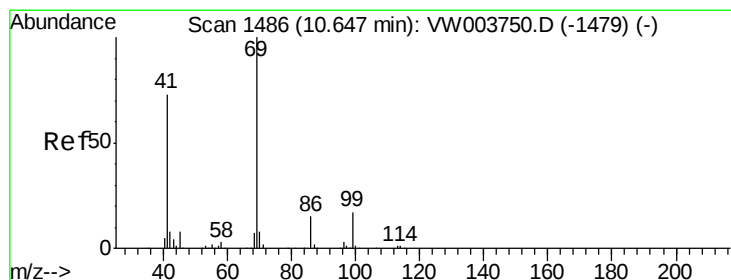
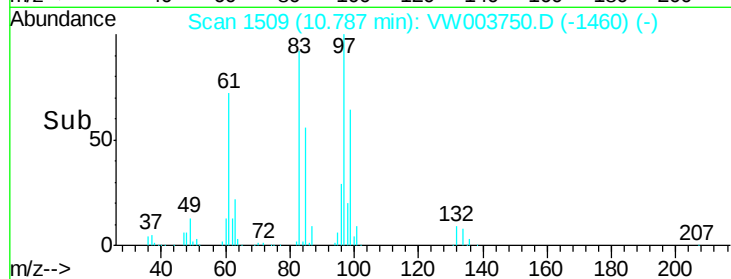
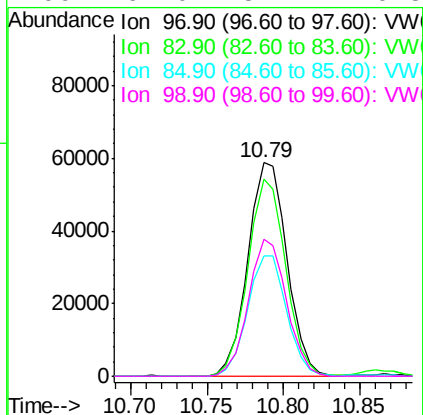
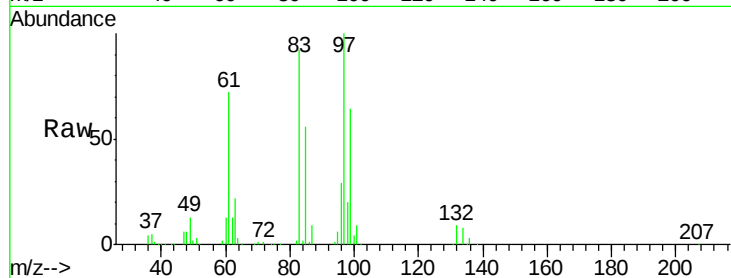




#55
 1,1,2-Trichloroethane
 Concen: 54.676 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

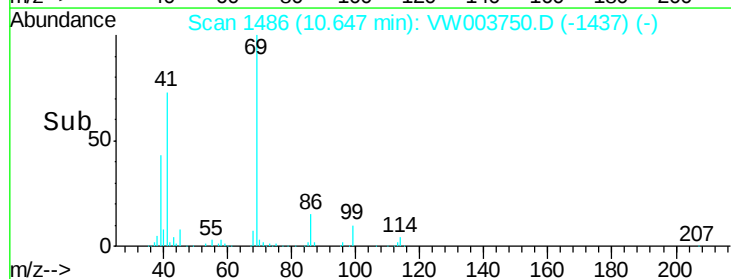
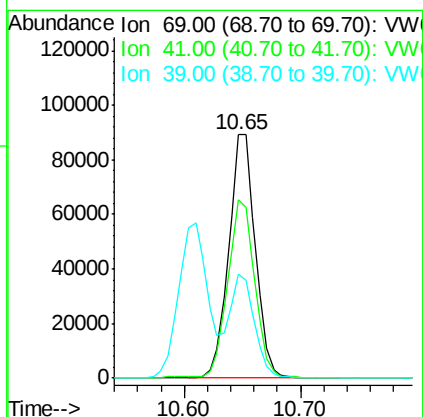
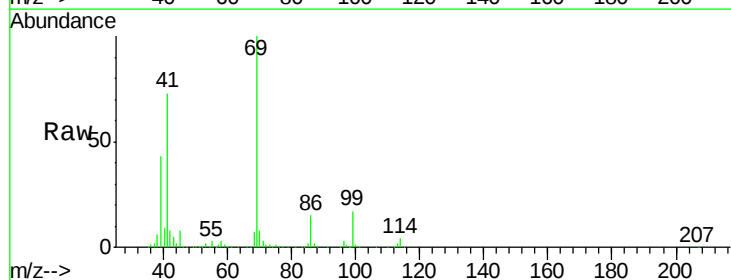
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

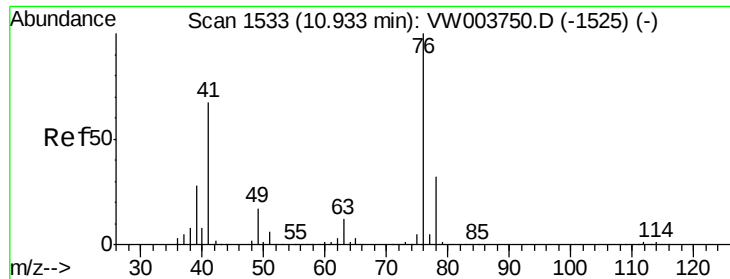
Tgt Ion: 97 Resp: 104469
 Ion Ratio Lower Upper
 97 100
 83 92.2 73.8 110.6
 85 56.2 45.0 67.4
 99 64.0 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 58.962 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 69 Resp: 141901
 Ion Ratio Lower Upper
 69 100
 41 73.7 59.0 88.4
 39 41.0 32.8 49.2

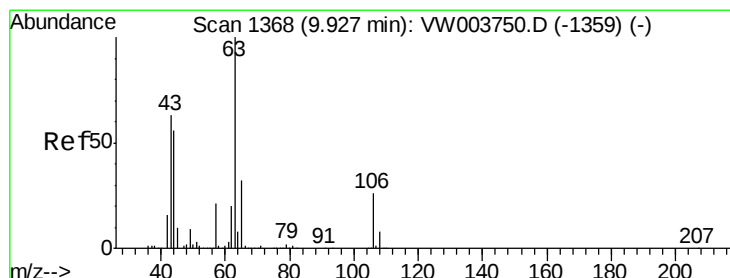
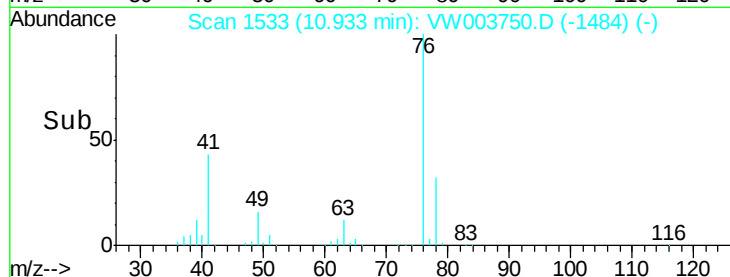
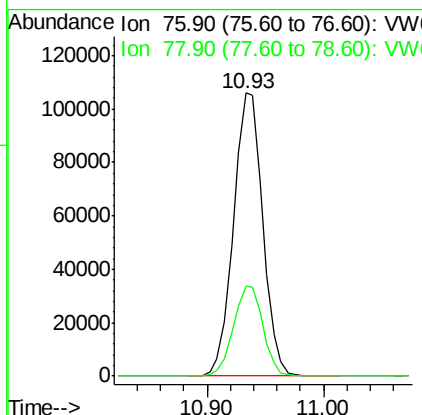
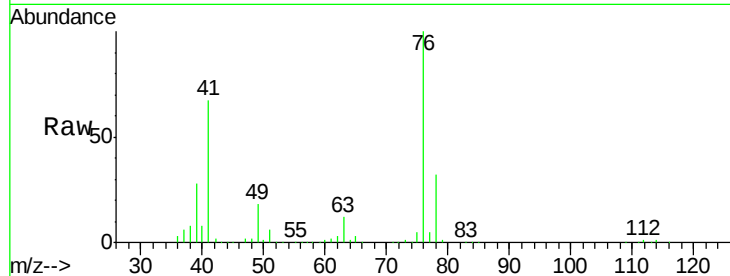




#57
 1,3-Dichloropropane
 Concen: 55.699 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

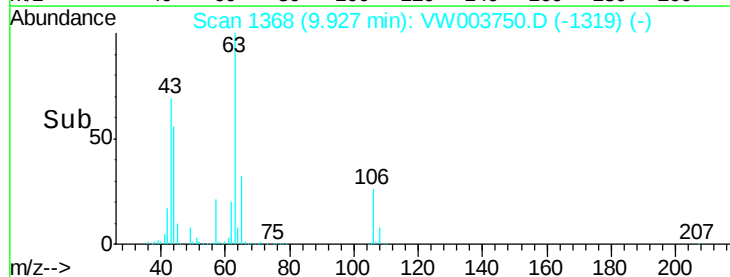
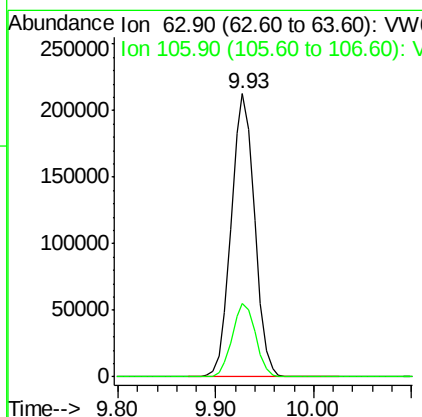
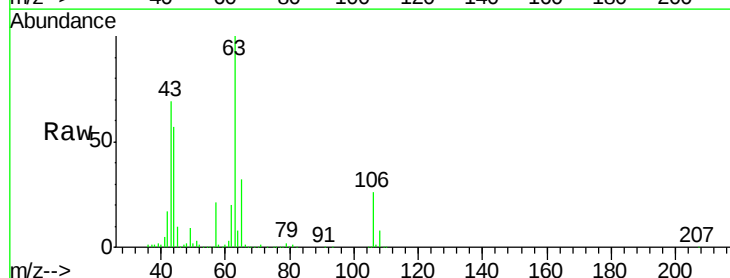
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

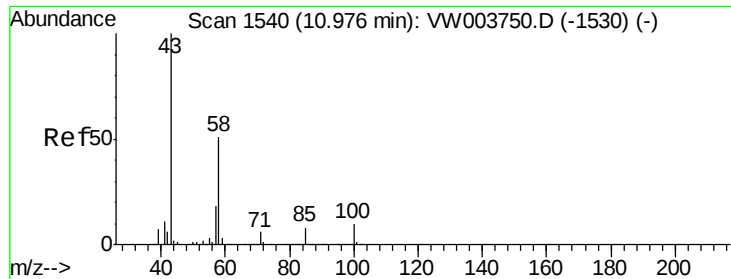
Tgt Ion: 76 Resp: 185195
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 329.775 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 63 Resp: 352580
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.9 31.3

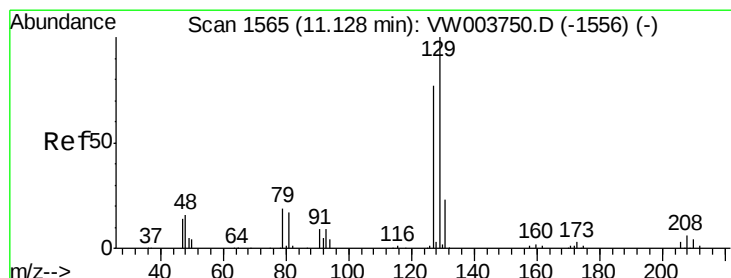
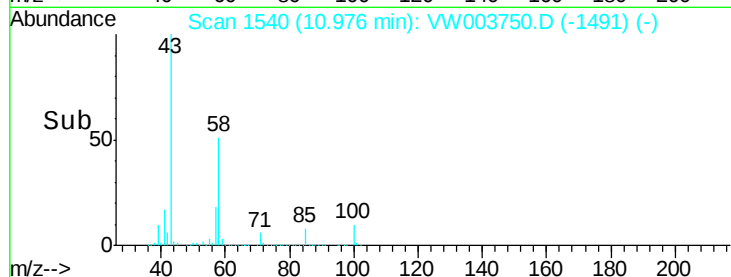
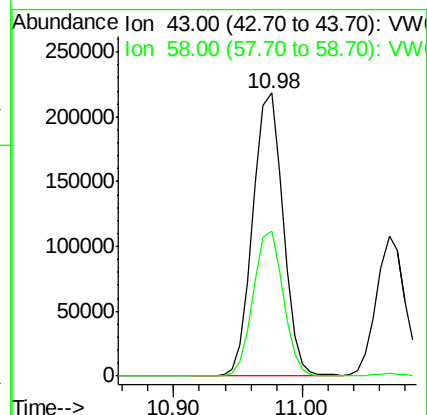
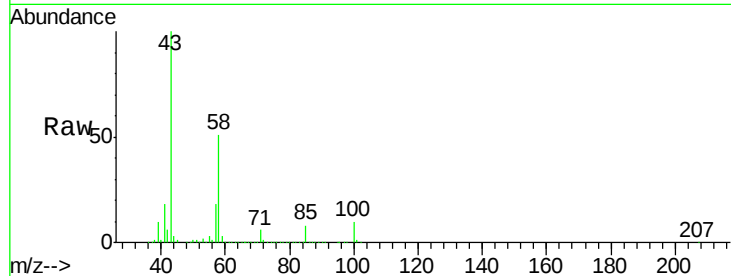




#59
2-Hexanone
Concen: 285.291 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

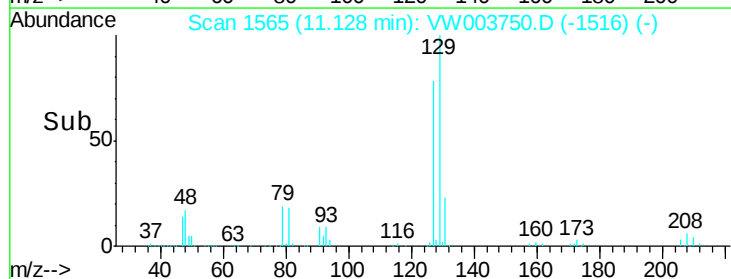
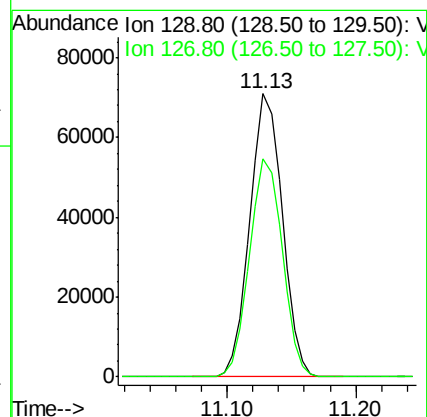
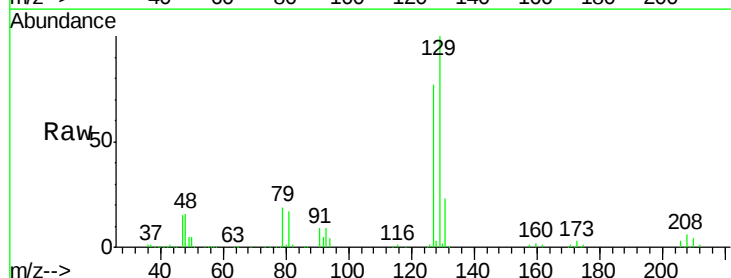
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

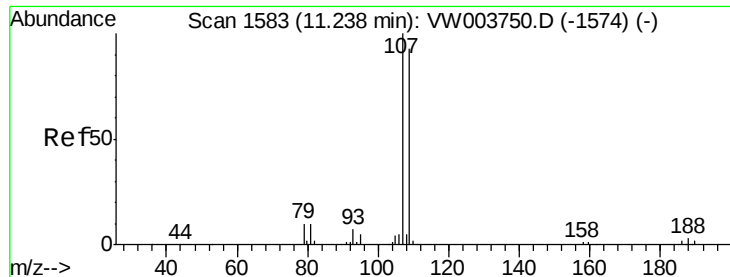
Tgt Ion: 43 Resp: 353965
Ion Ratio Lower Upper
43 100
58 50.8 25.4 76.2



#60
Dibromochloromethane
Concen: 55.462 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion: 129 Resp: 124151
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 55.518 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

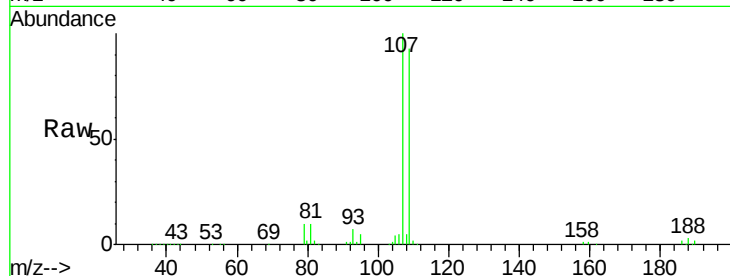
VSTDICCC050

Tgt Ion: 107 Resp: 101912

Ion Ratio Lower Upper

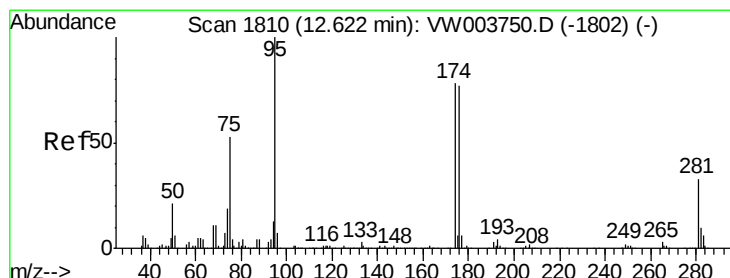
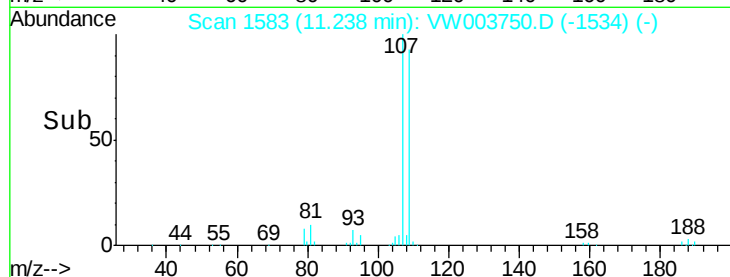
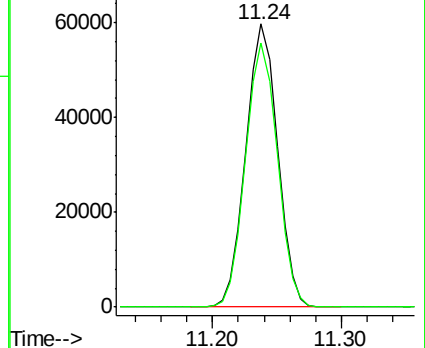
107 100

109 93.9 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: 54.321 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

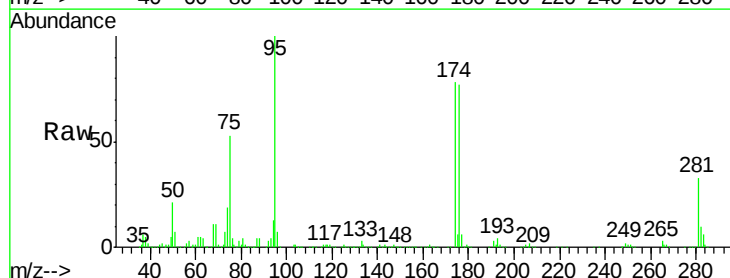
Tgt Ion: 95 Resp: 176592

Ion Ratio Lower Upper

95 100

174 81.7 0.0 163.4

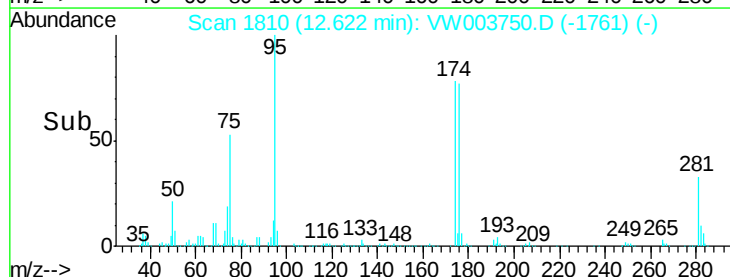
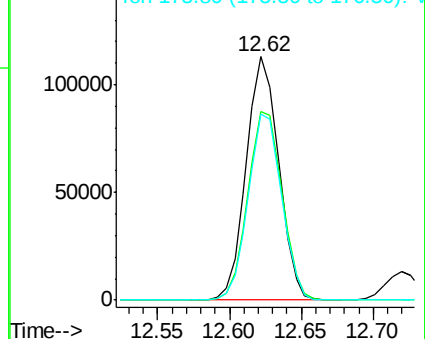
176 78.4 0.0 156.8

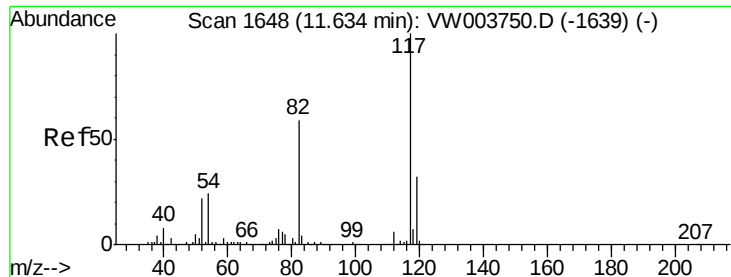


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

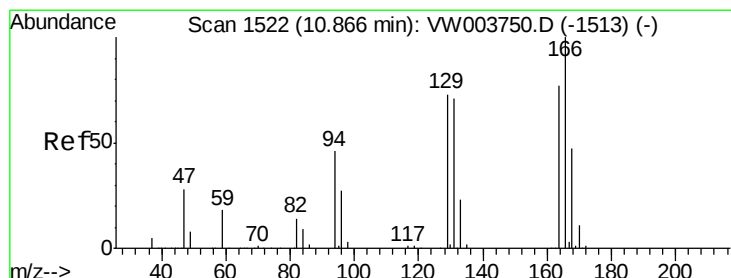
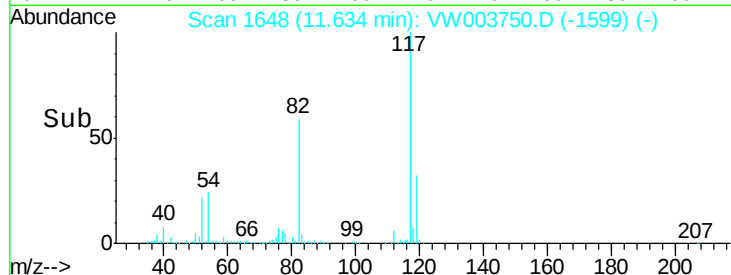
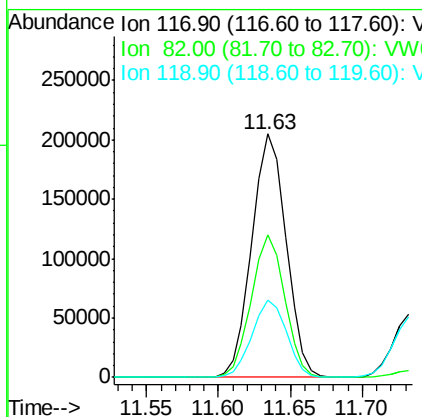
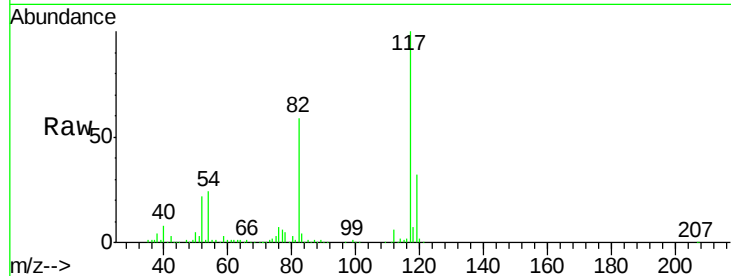




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

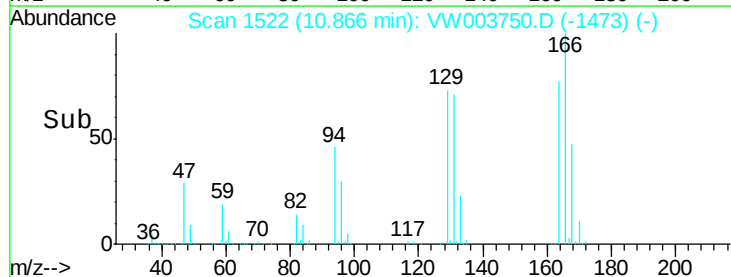
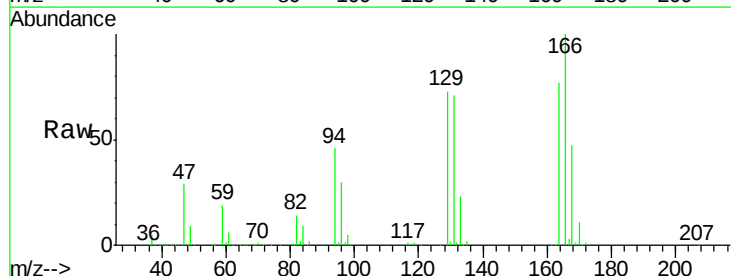
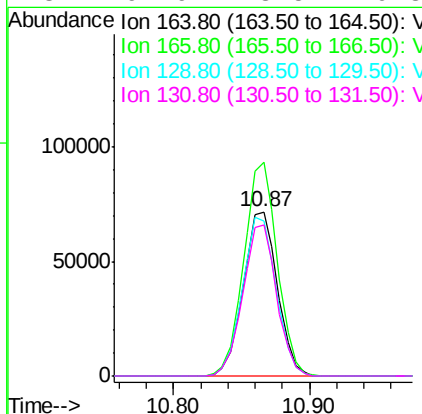
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

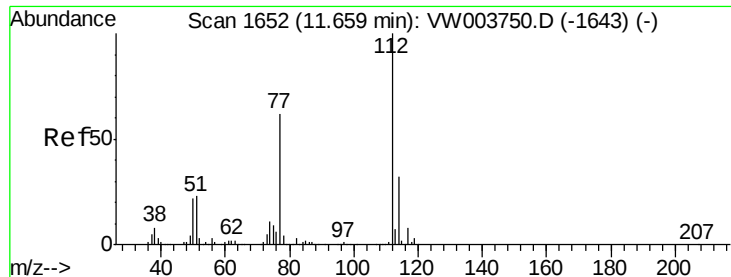
Tgt Ion:117 Resp: 337368
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 54.244 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion:164 Resp: 125962
Ion Ratio Lower Upper
164 100
166 130.3 104.2 156.4
129 94.8 75.8 113.8
131 91.9 73.5 110.3





#65

Chlorobenzene

Concen: 52.345 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

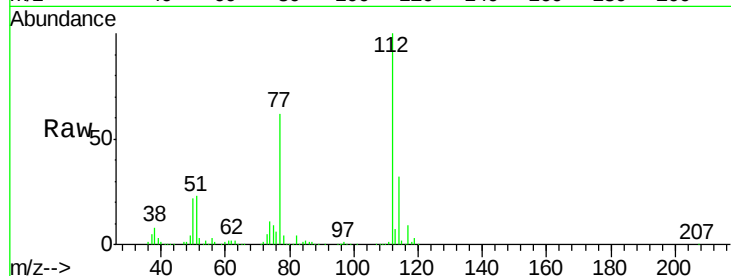
VSTDICCC050

Tgt Ion:112 Resp: 374655

Ion Ratio Lower Upper

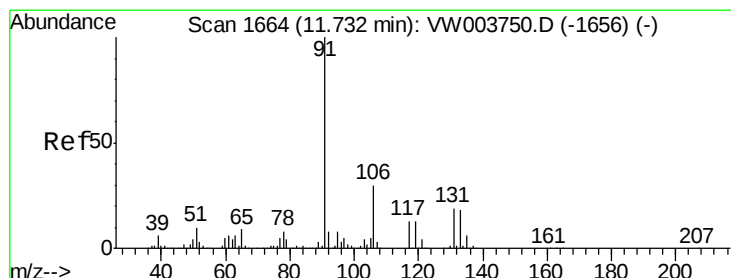
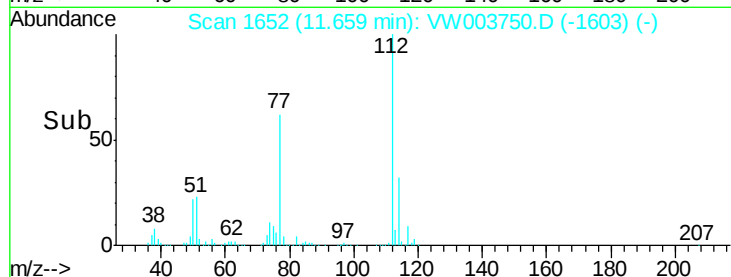
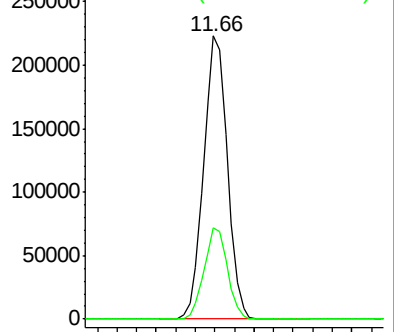
112 100

114 32.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.801 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

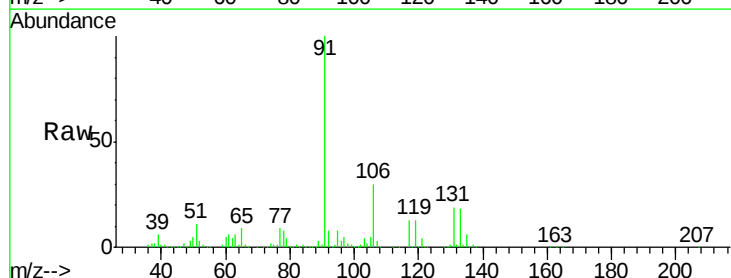
Tgt Ion:131 Resp: 131897

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

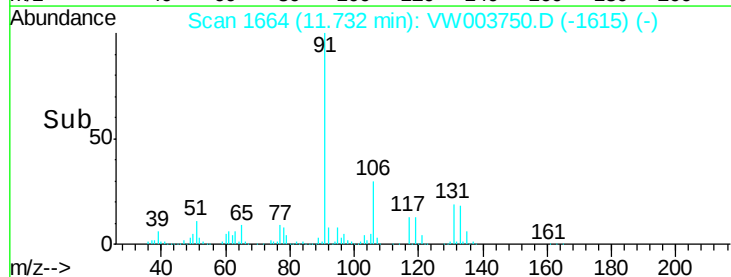
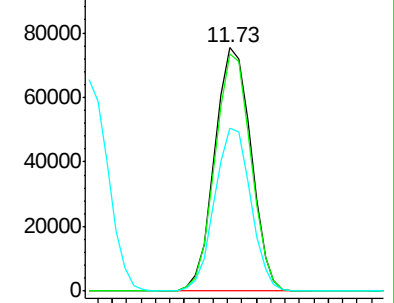
119 66.4 33.2 99.6

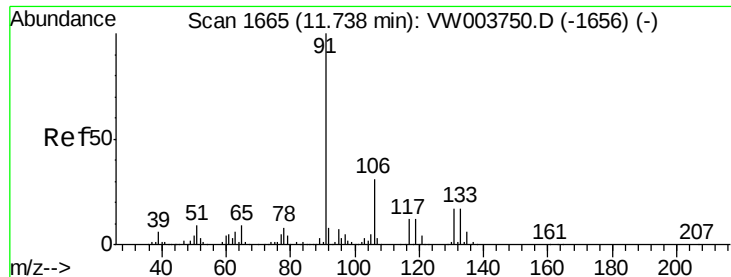


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

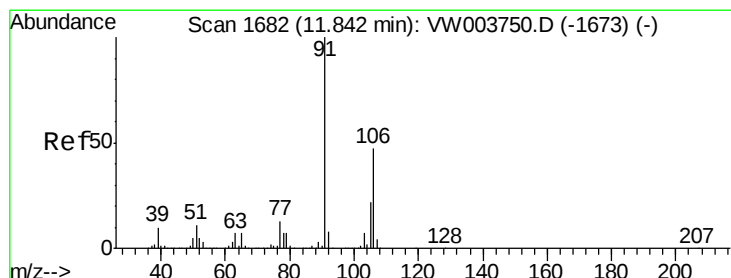
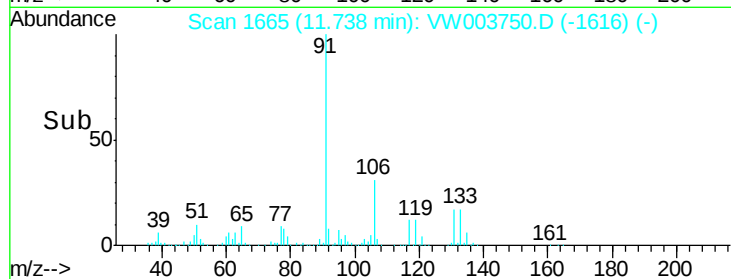
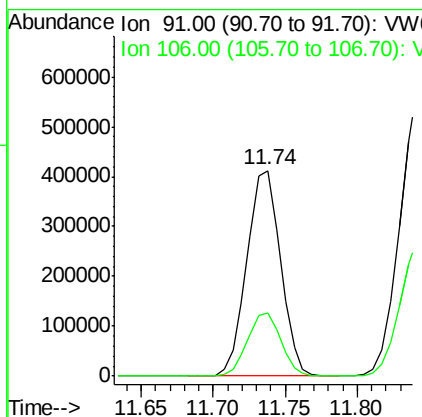
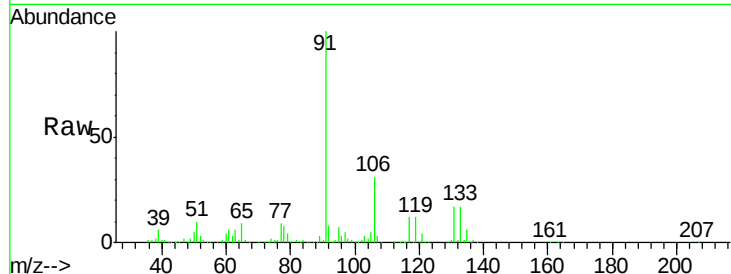




#67
Ethyl Benzene
Concen: 53.373 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

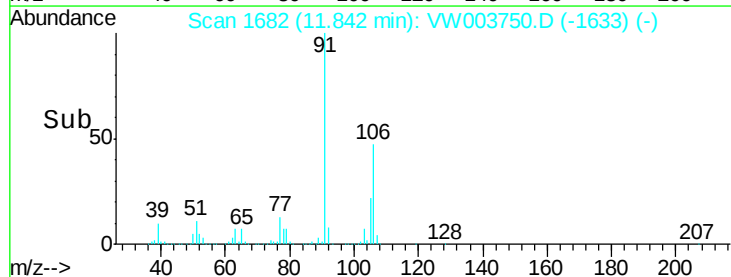
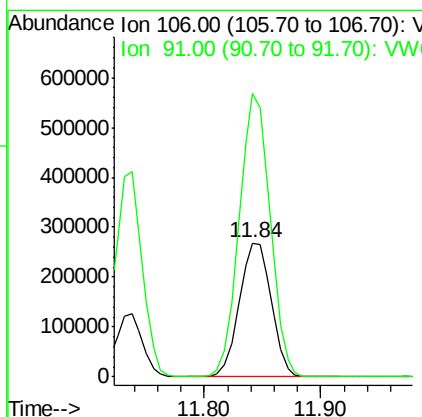
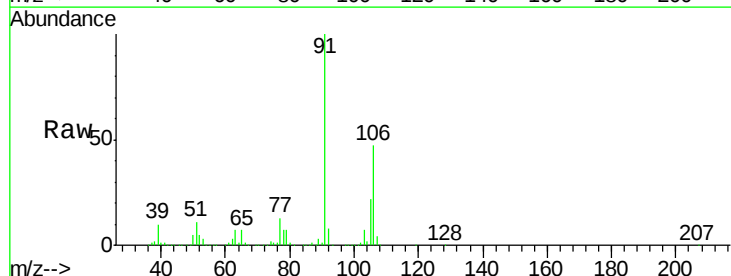
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

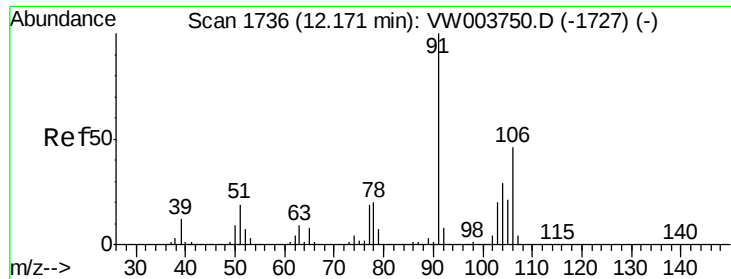
Tgt Ion: 91 Resp: 666953
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 107.877 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion: 106 Resp: 513690
Ion Ratio Lower Upper
106 100
91 205.4 164.3 246.5

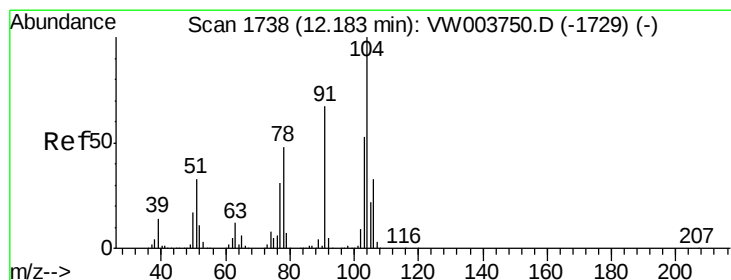
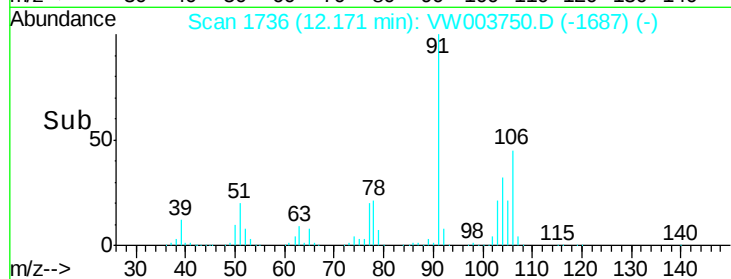
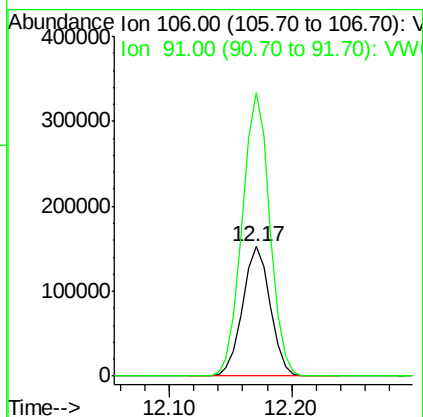
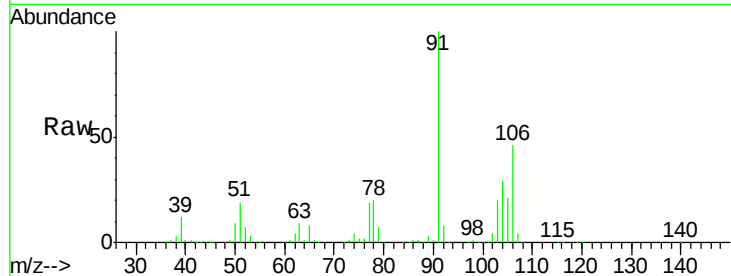




#69
o-Xylene
Concen: 54.323 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

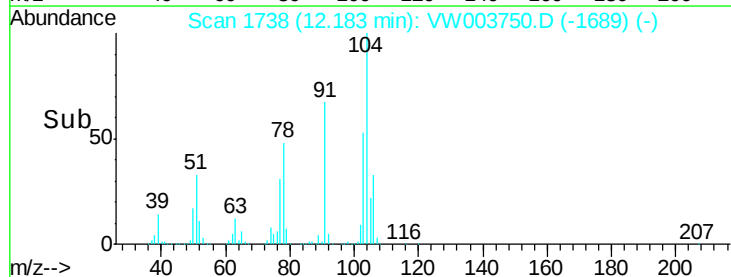
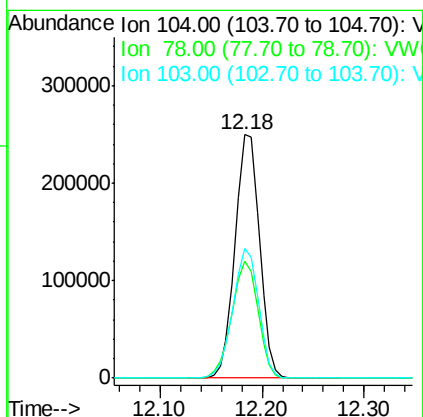
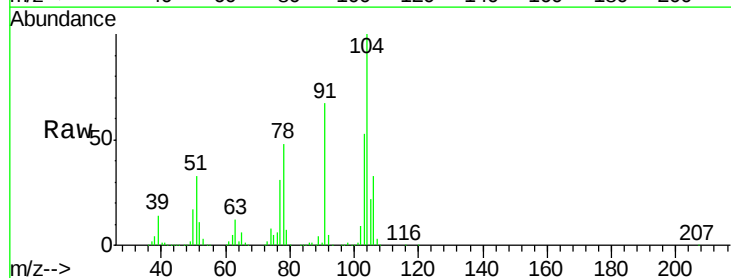
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

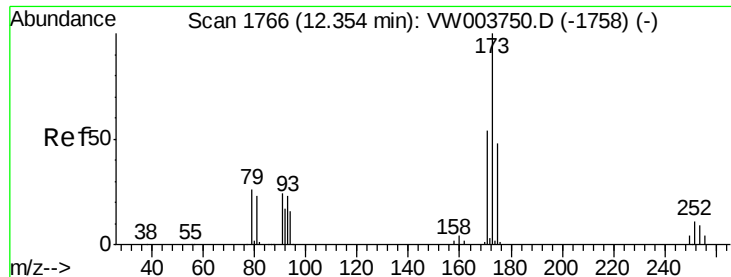
Tgt Ion:106 Resp: 239581
Ion Ratio Lower Upper
106 100
91 218.1 109.1 327.2



#70
Styrene
Concen: 55.959 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion:104 Resp: 414778
Ion Ratio Lower Upper
104 100
78 51.4 41.1 61.7
103 55.8 44.6 67.0





#71

Bromoform

Concen: 54.779 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

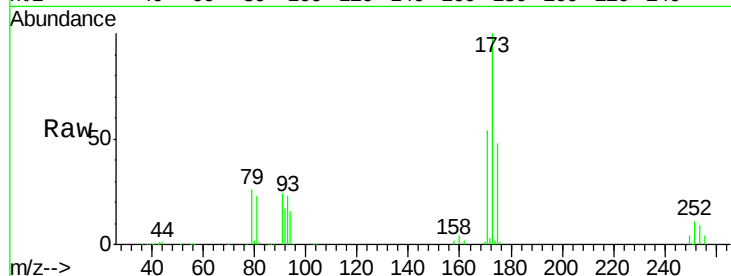
Tgt Ion:173 Resp: 76652

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

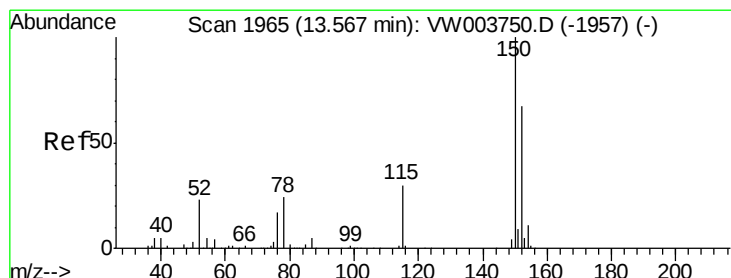
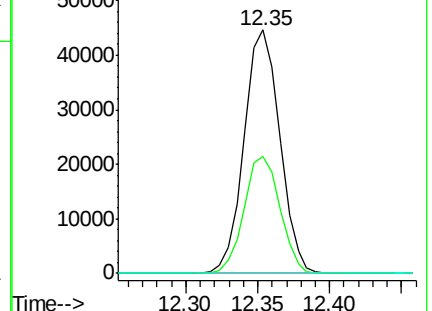
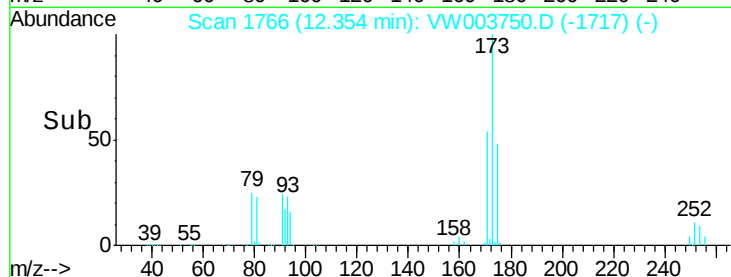
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

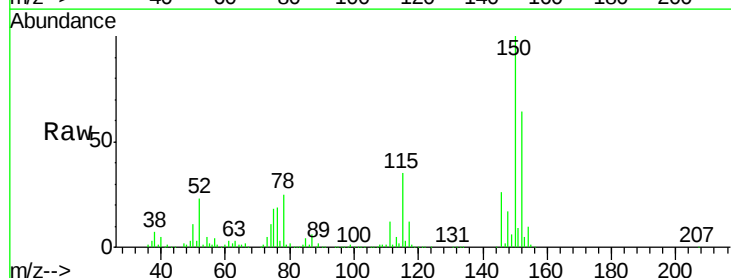
Tgt Ion:152 Resp: 184373

Ion Ratio Lower Upper

152 100

115 57.9 28.9 86.8

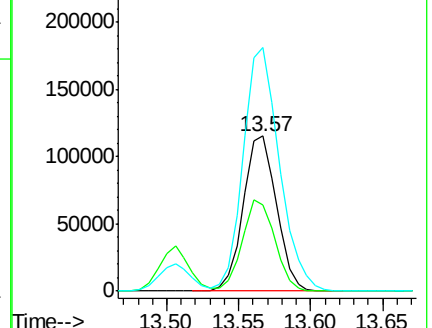
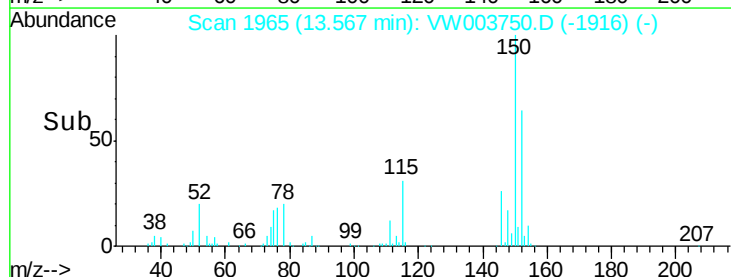
150 171.2 0.0 342.4

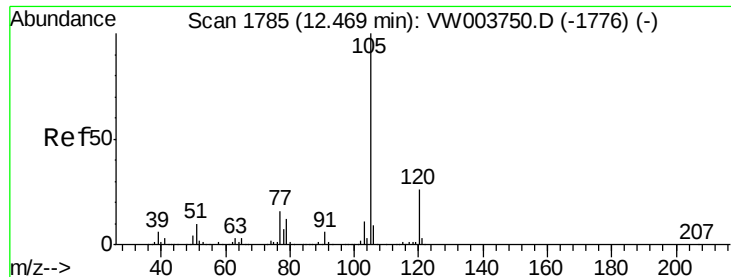


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.156 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

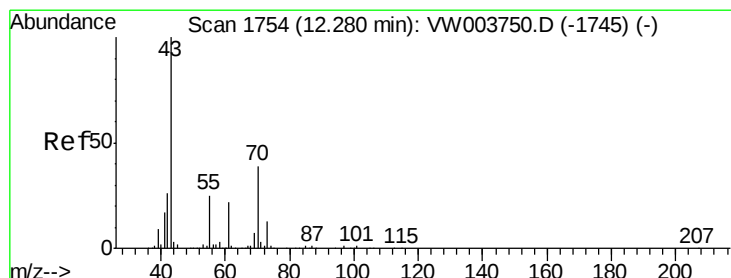
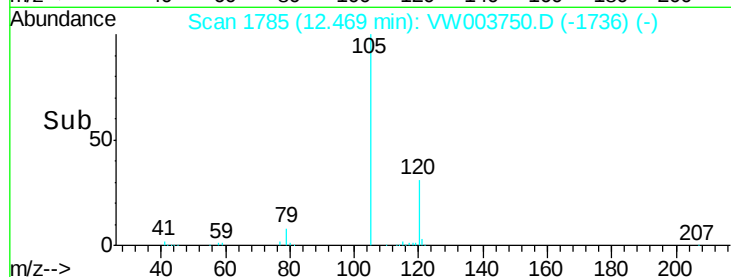
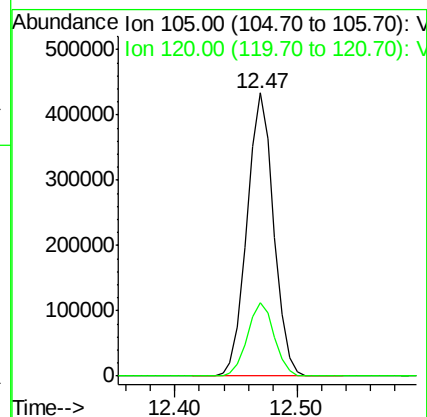
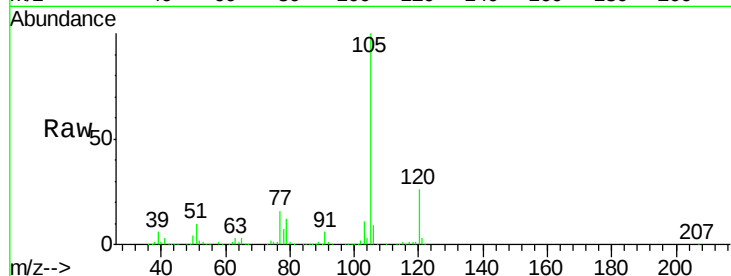
VSTDICCC050

Tgt Ion:105 Resp: 655448

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 54.858 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Tgt Ion: 43 Resp: 184045

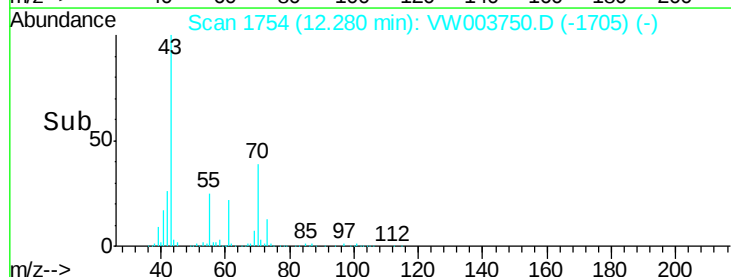
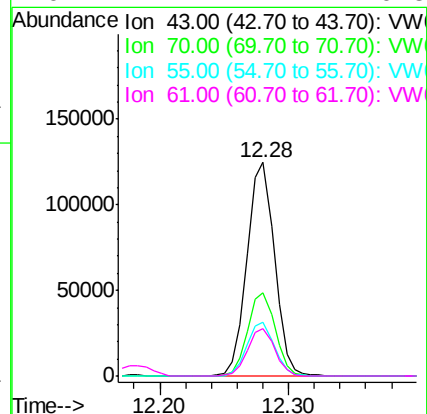
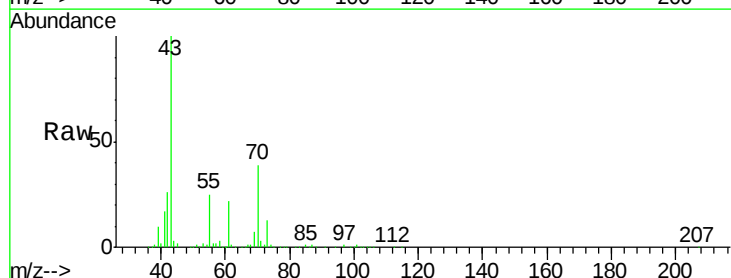
Ion Ratio Lower Upper

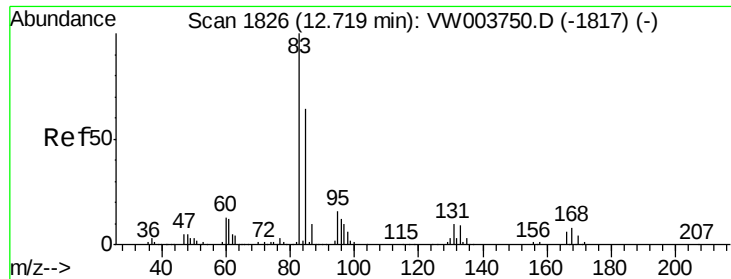
43 100

70 39.1 31.3 46.9

55 25.1 20.1 30.1

61 22.1 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.873 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

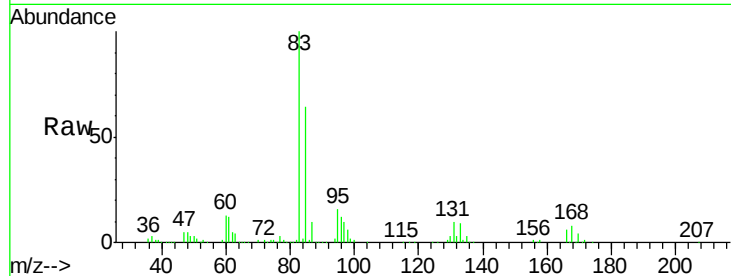
Tgt Ion: 83 Resp: 131502

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

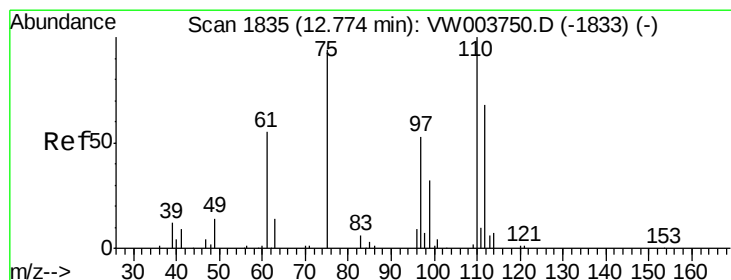
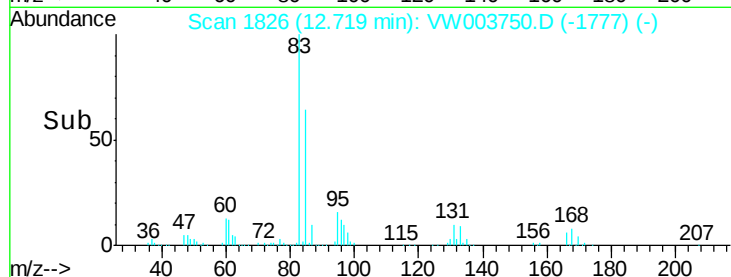
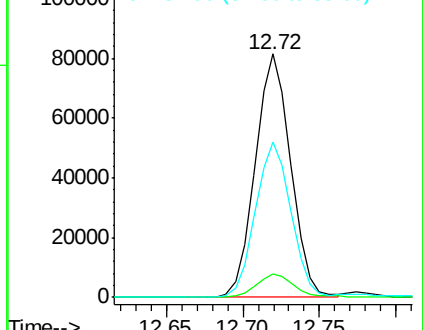
85 64.2 32.1 96.3



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: 105.015 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003750.D

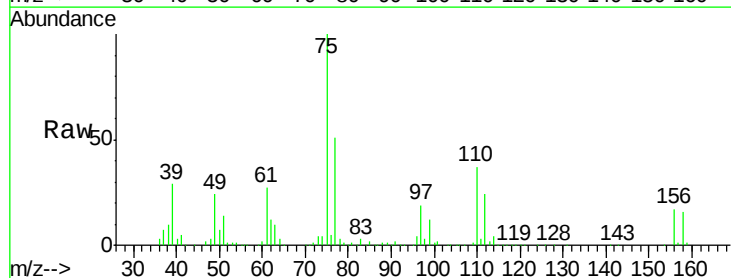
Acq: 07 Jul 2018 00:06

Tgt Ion: 75 Resp: 175215

Ion Ratio Lower Upper

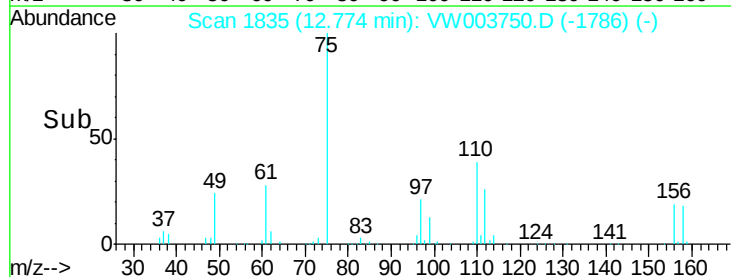
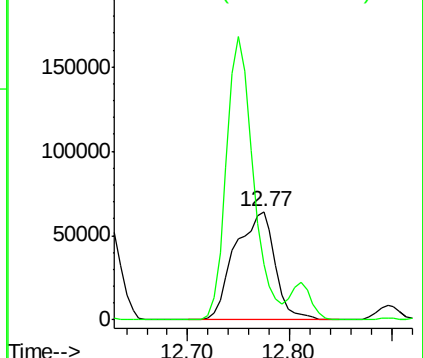
75 100

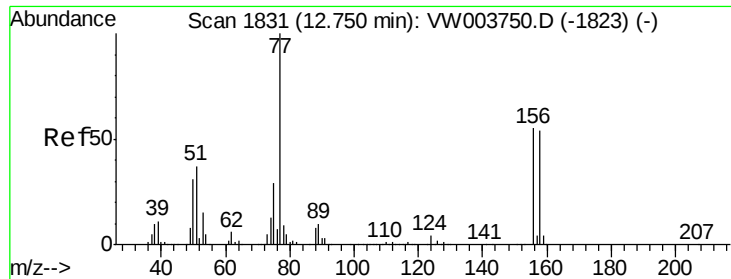
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

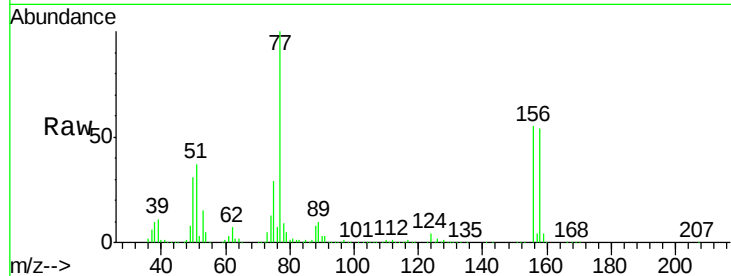




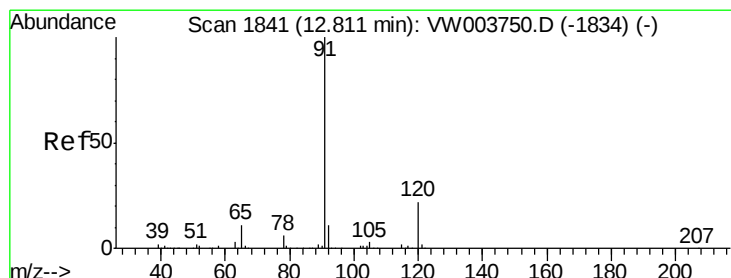
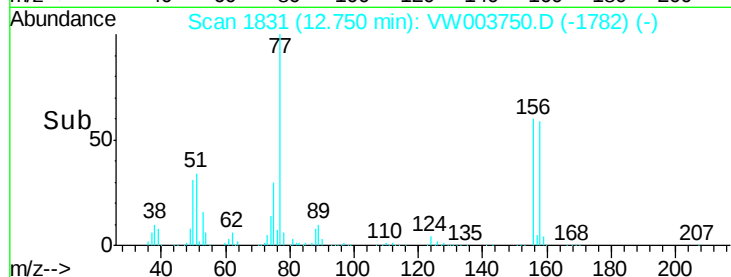
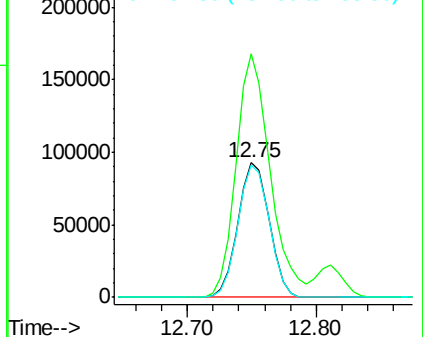
#77
Bromobenzene
Concen: 51.584 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 155755
Ion Ratio Lower Upper
156 100
77 197.3 98.7 296.0
158 98.0 49.0 147.0

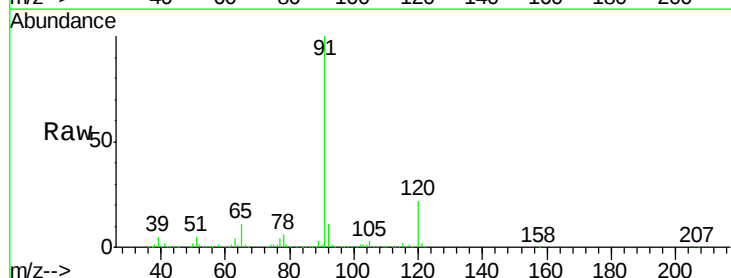


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

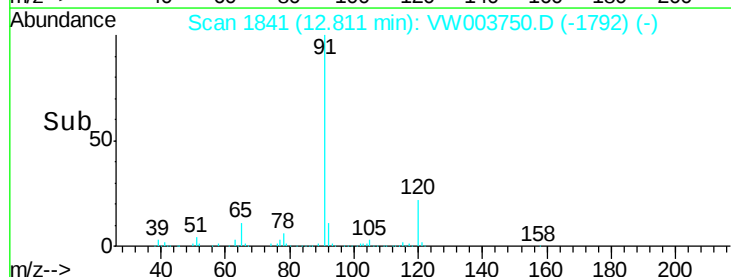
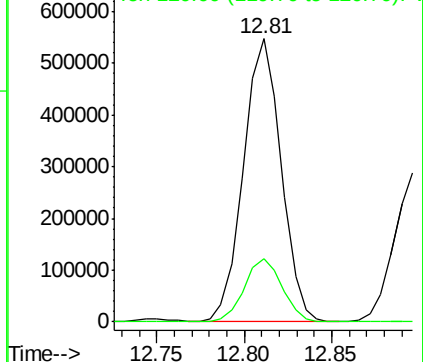


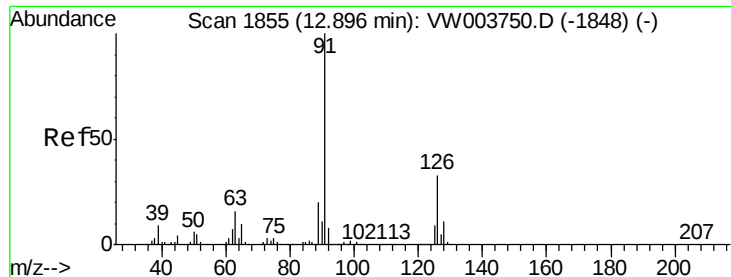
#78
n-propylbenzene
Concen: 52.774 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion: 91 Resp: 819907
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

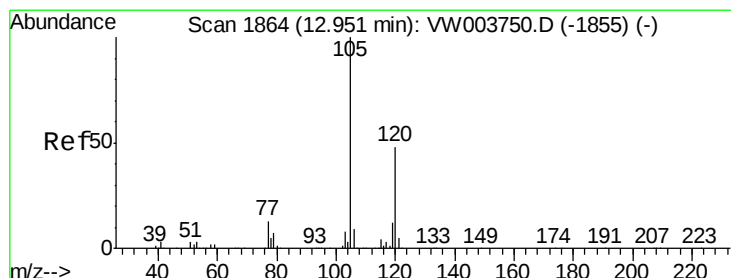
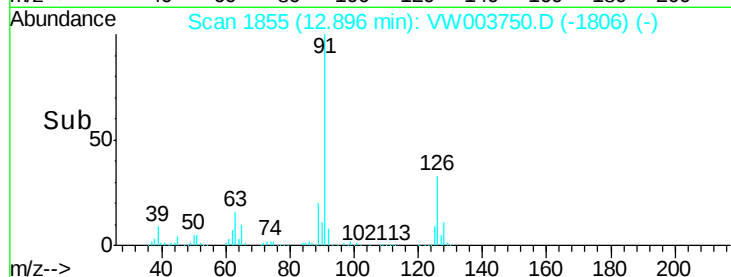
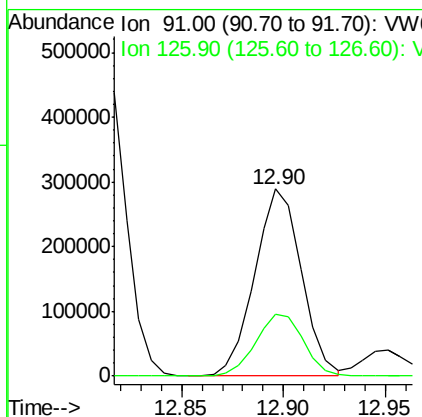
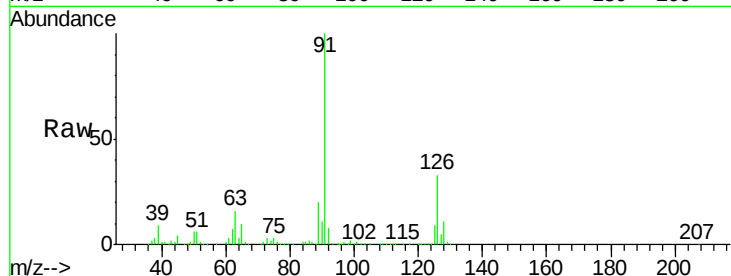




#79
 2-Chlorotoluene
 Concen: 52.064 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

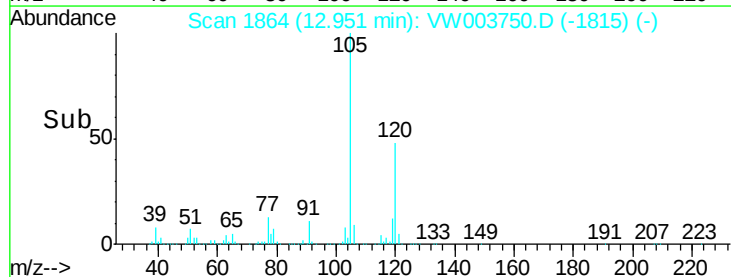
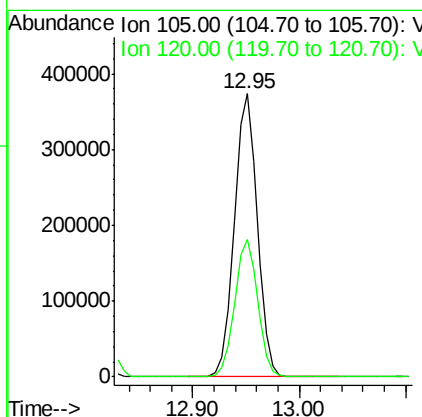
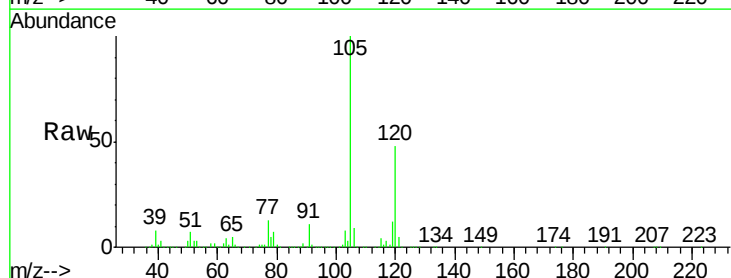
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

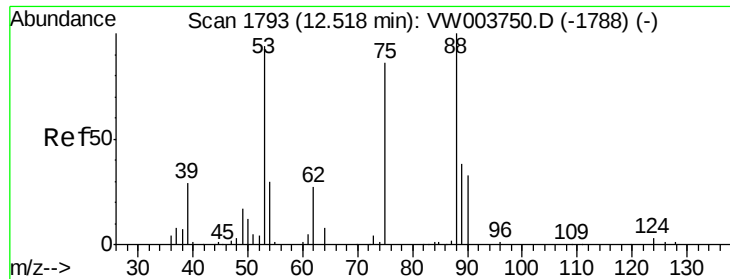
Tgt Ion: 91 Resp: 460081
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.903 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 105 Resp: 563795
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.508 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

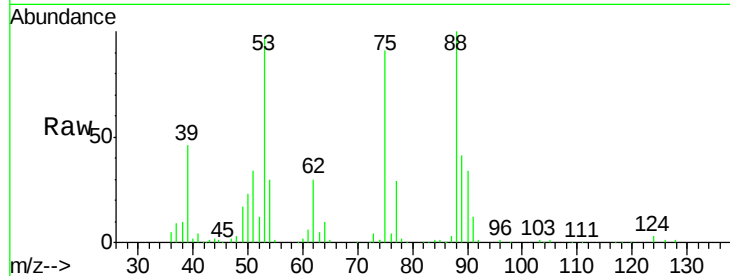
Tgt Ion: 75 Resp: 40378

Ion Ratio Lower Upper

75 100

53 106.3 85.0 127.6

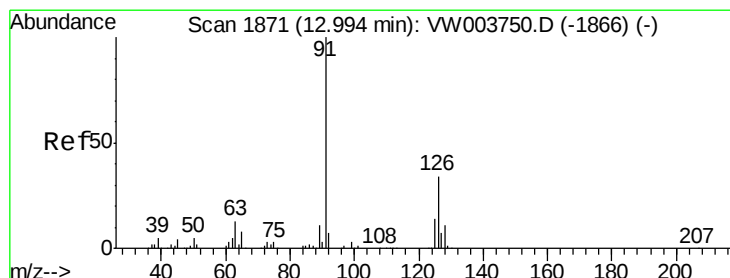
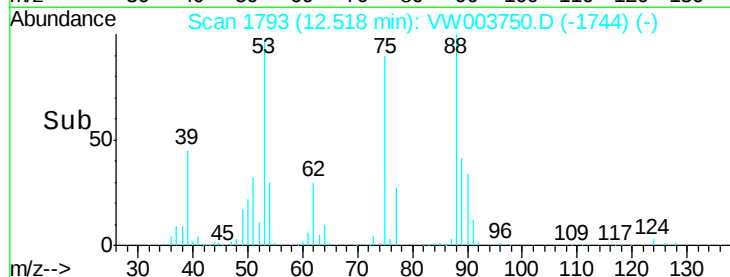
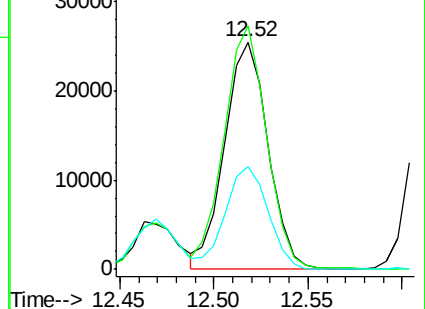
89 45.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 52.642 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003750.D

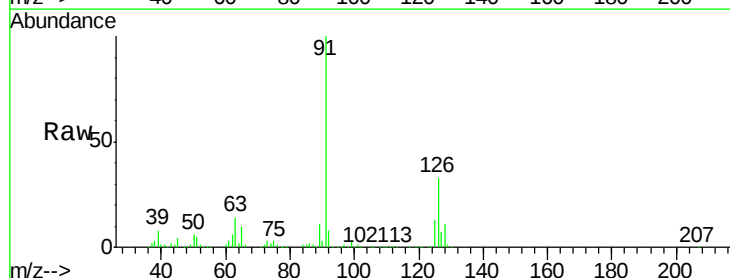
Acq: 07 Jul 2018 00:06

Tgt Ion: 91 Resp: 496091

Ion Ratio Lower Upper

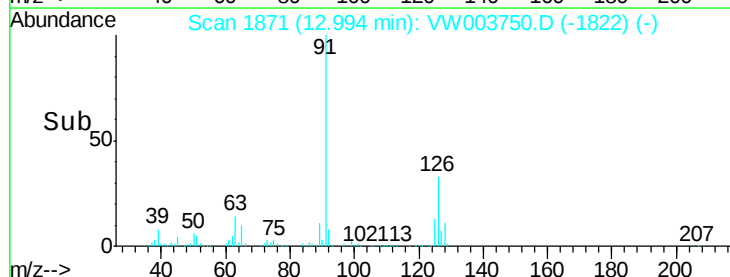
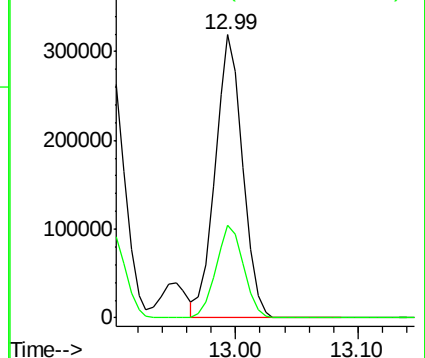
91 100

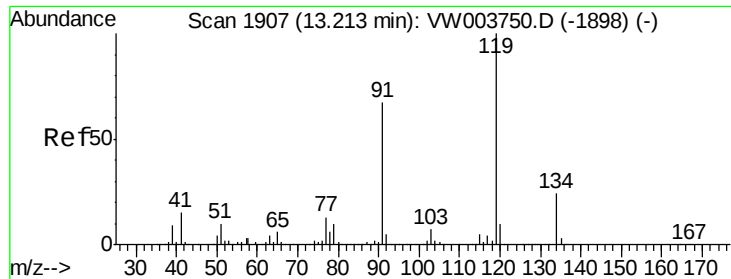
126 33.0 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

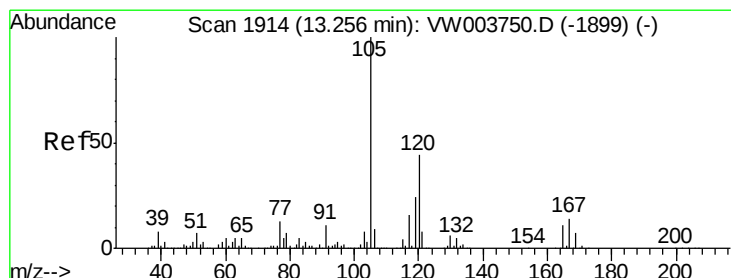
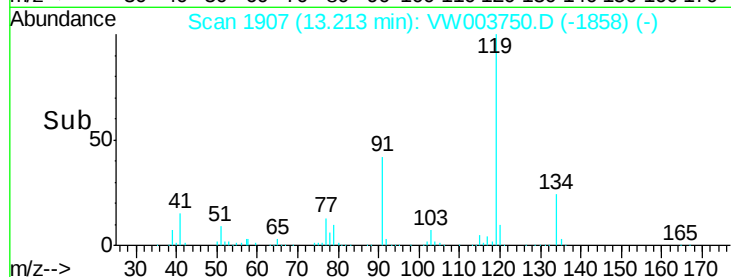
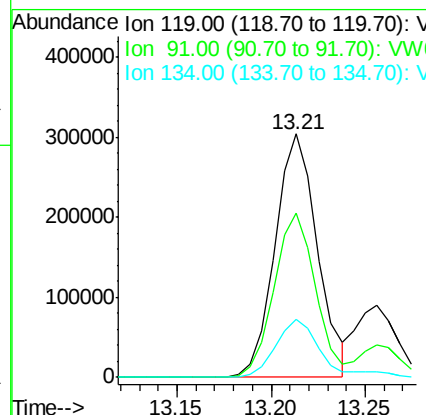
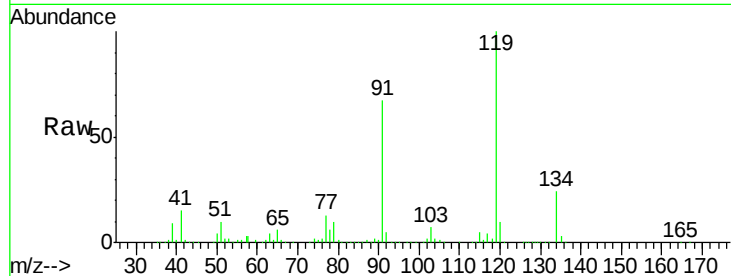




#83
 tert-Butylbenzene
 Concen: 52.810 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

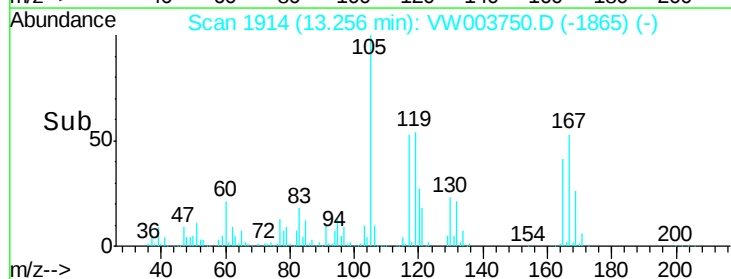
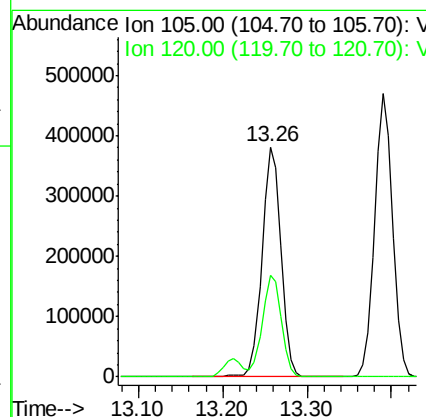
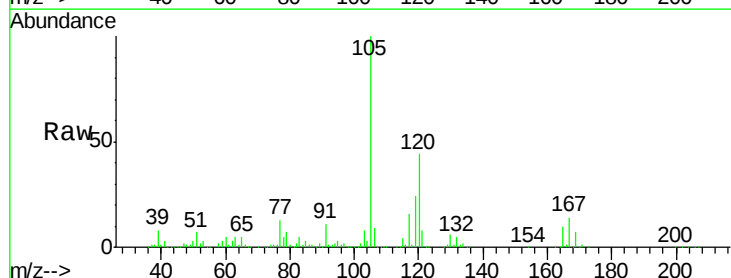
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

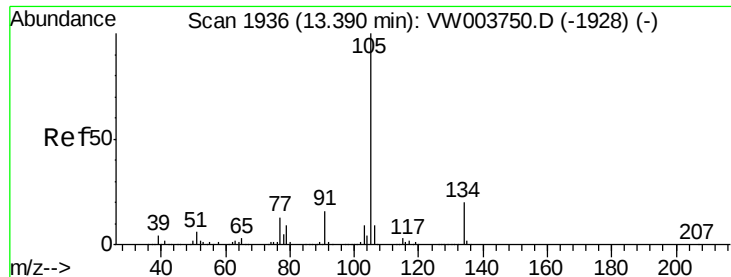
Tgt Ion:119 Resp: 473879
 Ion Ratio Lower Upper
 119 100
 91 65.9 33.0 98.9
 134 25.6 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.458 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion:105 Resp: 586301
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0

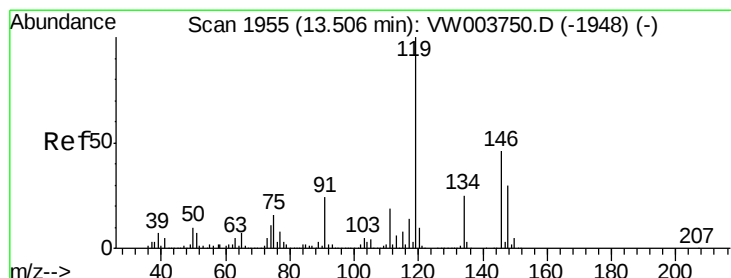
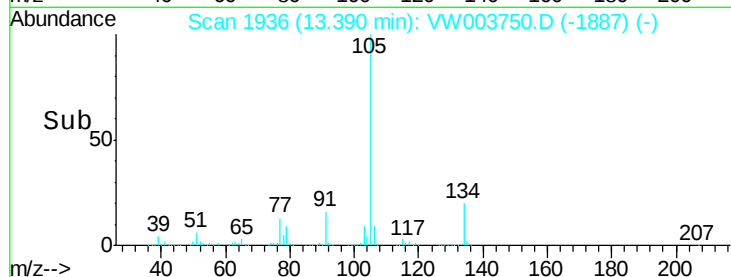
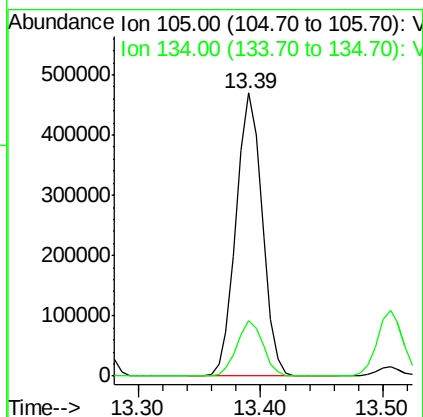
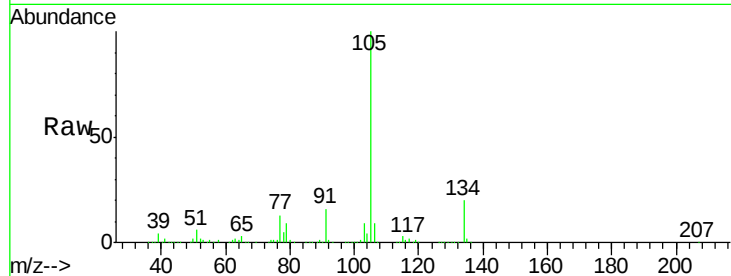




#85
 sec-Butylbenzene
 Concen: 52.130 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

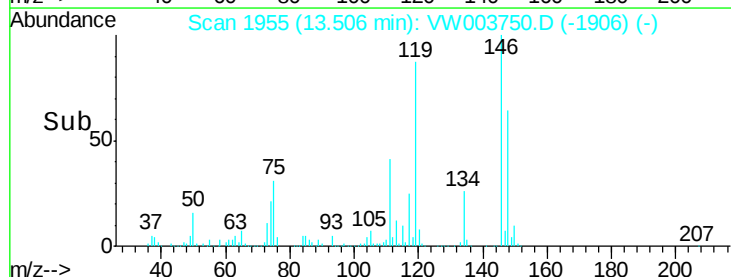
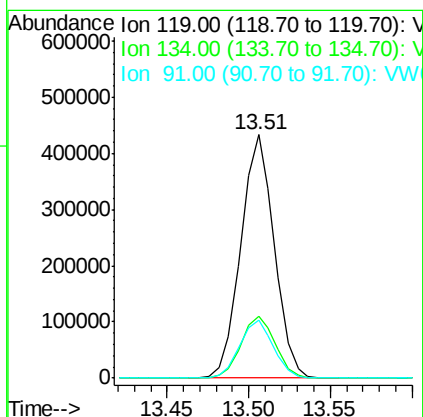
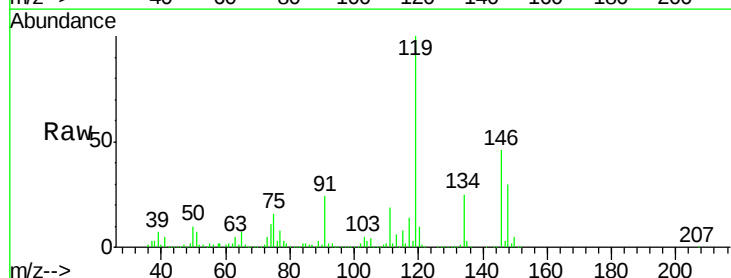
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

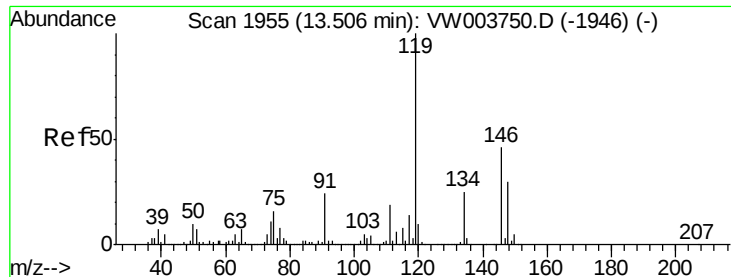
Tgt Ion:105 Resp: 694741
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.831 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion:119 Resp: 616680
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.9 11.9 35.9

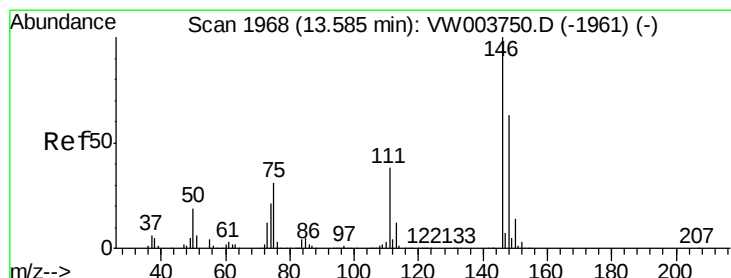
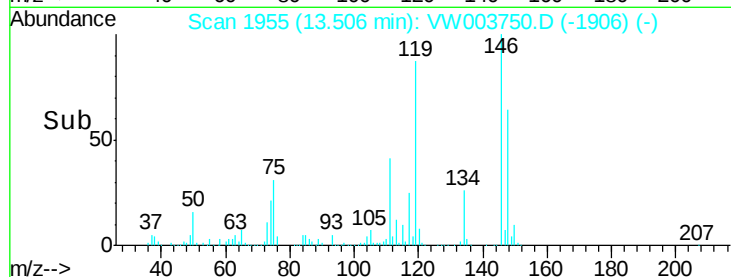
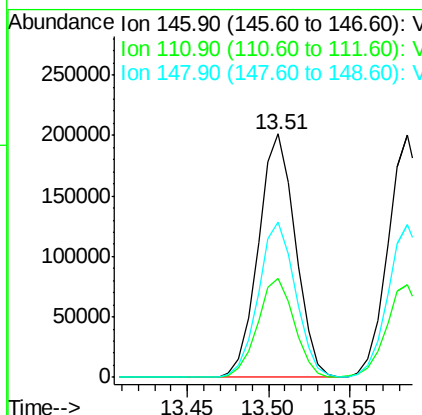
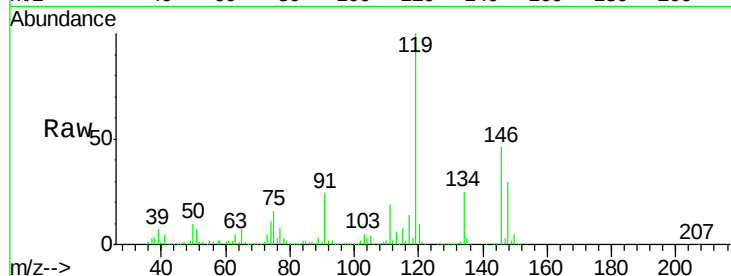




#87
 1,3-Dichlorobenzene
 Concen: 51.482 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

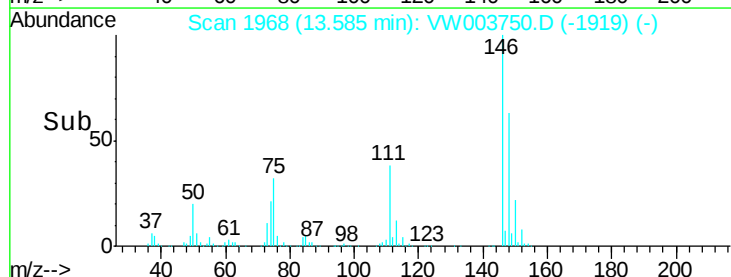
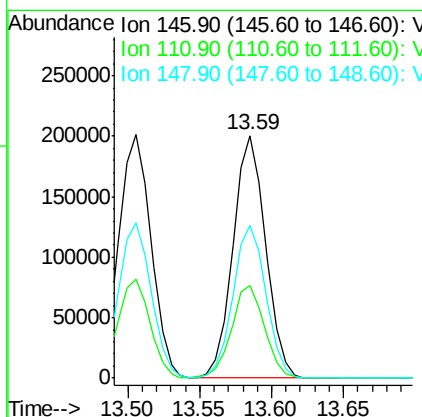
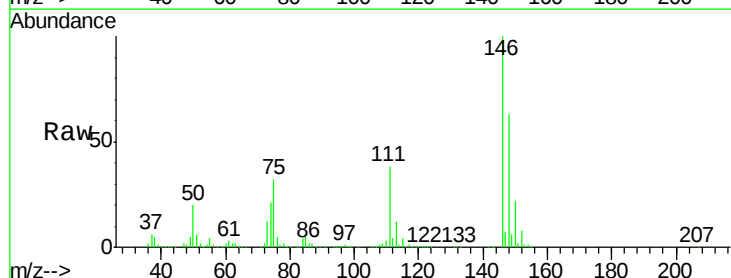
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

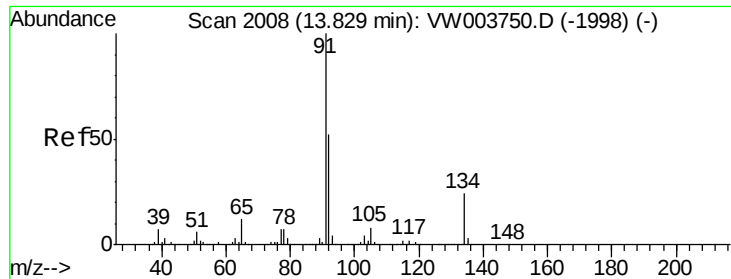
Tgt Ion:146 Resp: 316183
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.423 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion:146 Resp: 315759
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.4
 148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 51.985 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW003750.D

Acq: 07 Jul 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

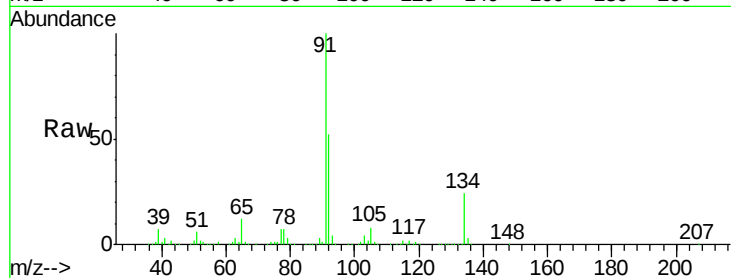
Tgt Ion: 91 Resp: 598641

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.3

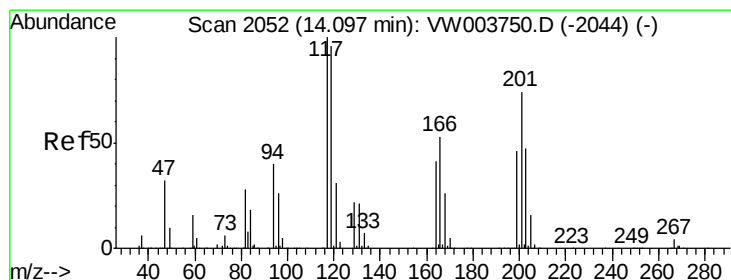
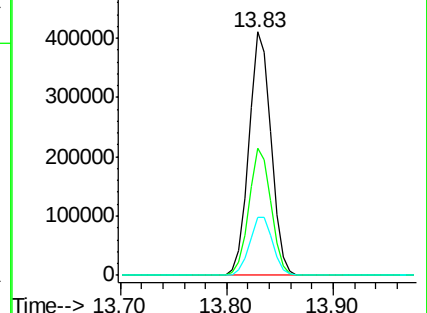
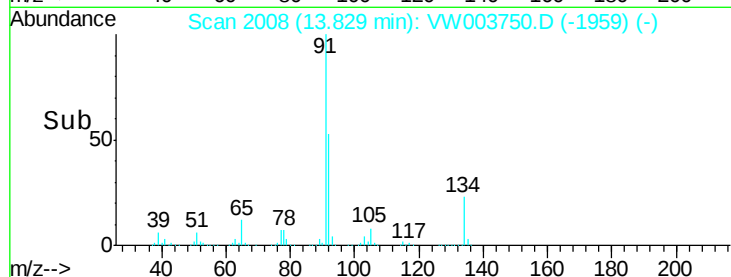
134 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.626 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. 0.00 min

Lab File: VW003750.D

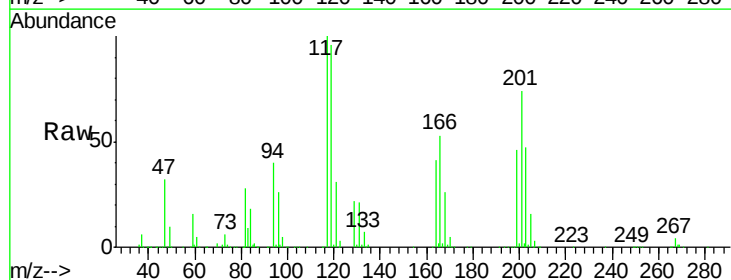
Acq: 07 Jul 2018 00:06

Tgt Ion: 117 Resp: 112105

Ion Ratio Lower Upper

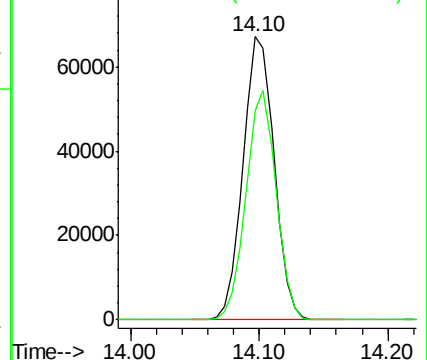
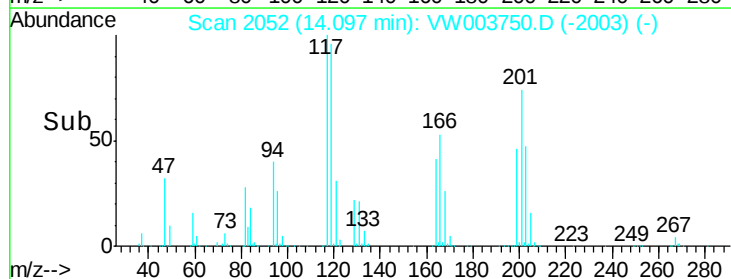
117 100

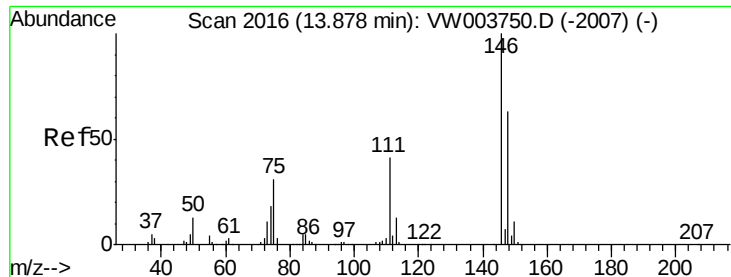
201 78.4 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

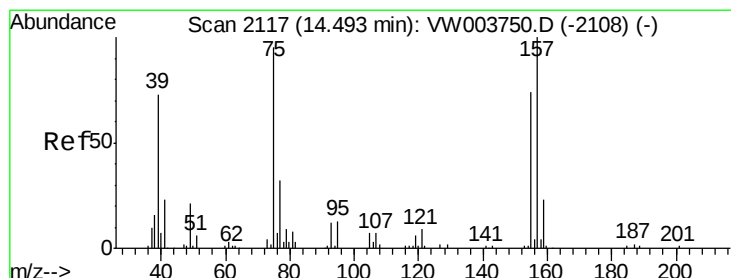
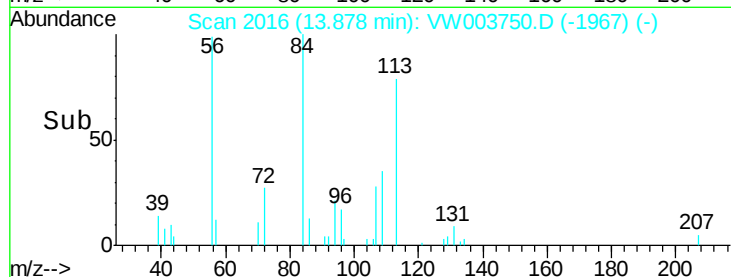
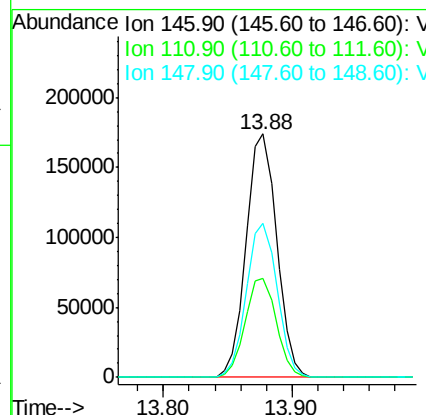
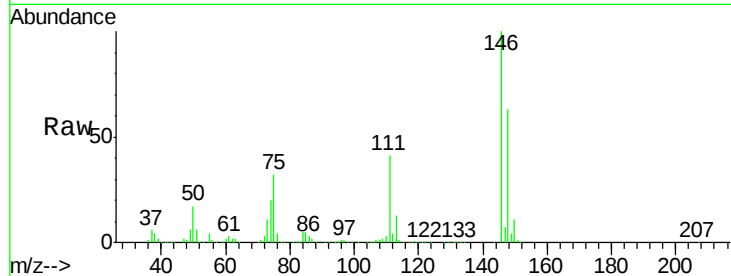




#91
 1,2-Dichlorobenzene
 Concen: 51.791 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

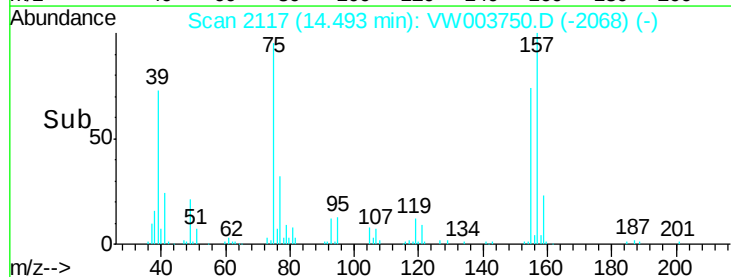
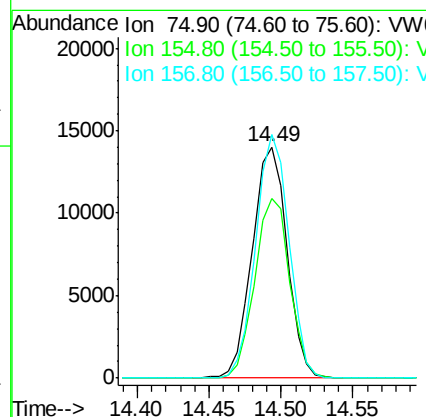
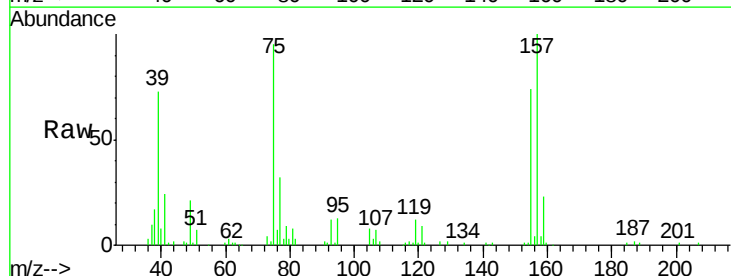
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

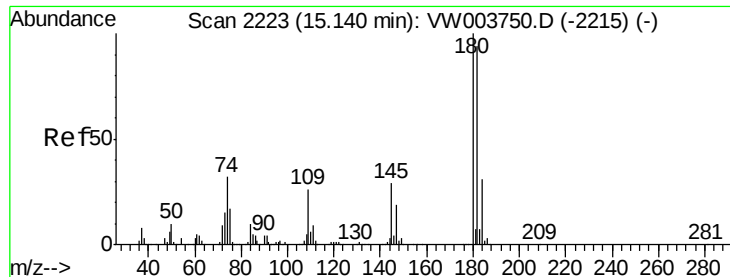
Tgt Ion:146 Resp: 284909
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 63.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.544 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion: 75 Resp: 23274
 Ion Ratio Lower Upper
 75 100
 155 78.4 39.2 117.6
 157 101.4 50.7 152.1

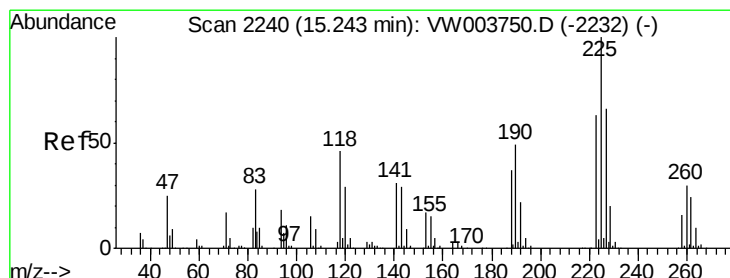
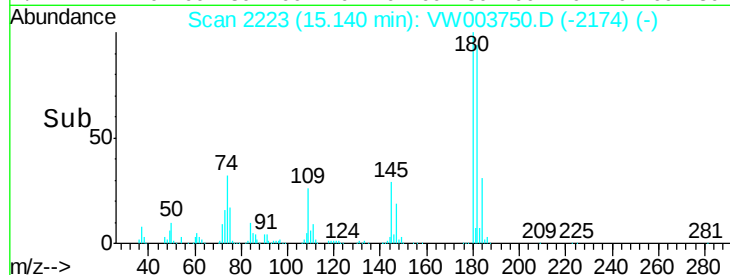
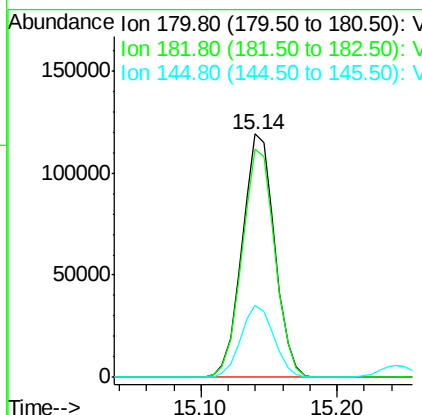
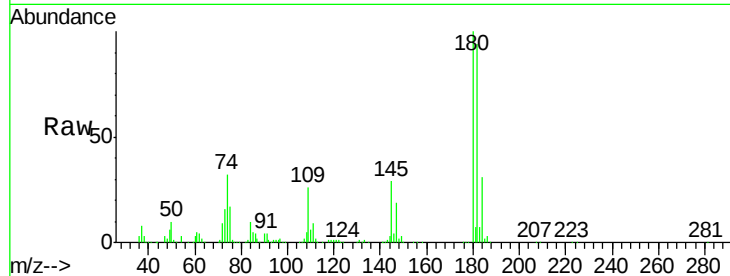




#93
 1,2,4-Trichlorobenzene
 Concen: 51.397 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

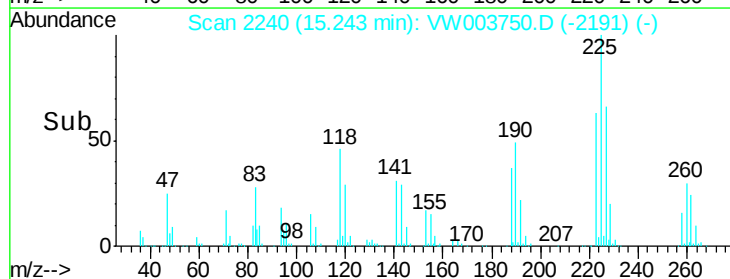
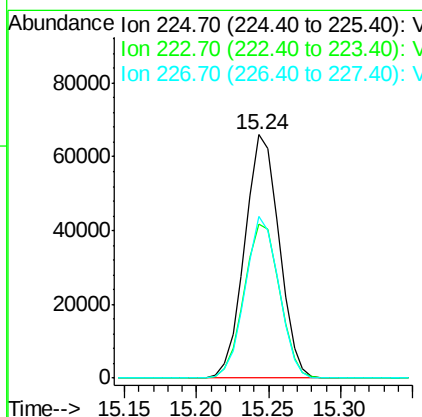
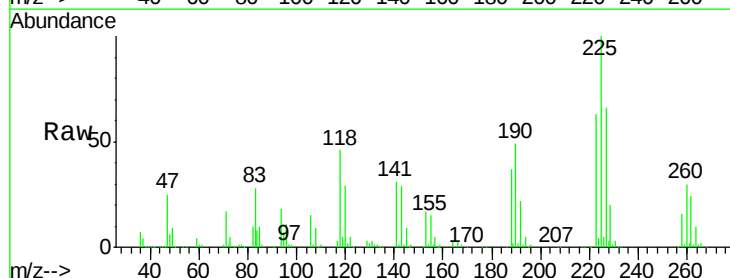
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

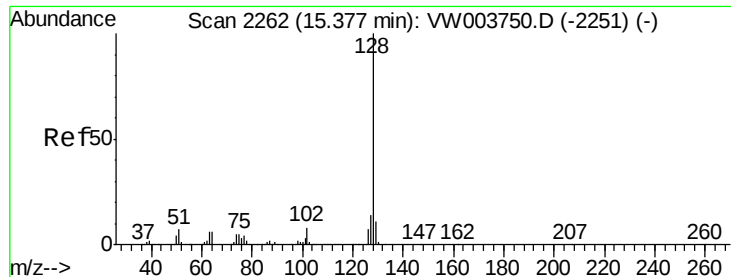
Tgt Ion:180 Resp: 198765
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 30.0 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 49.227 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW003750.D
 Acq: 07 Jul 2018 00:06

Tgt Ion:225 Resp: 109208
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.6 97.7
 227 65.0 32.5 97.5

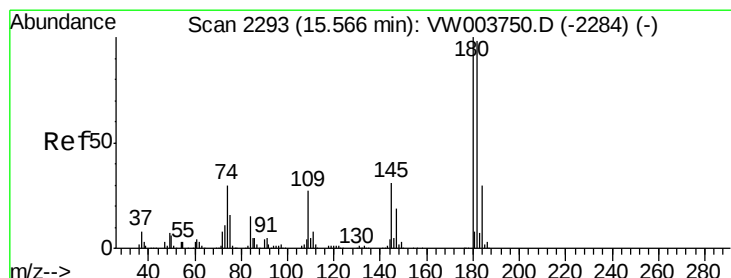
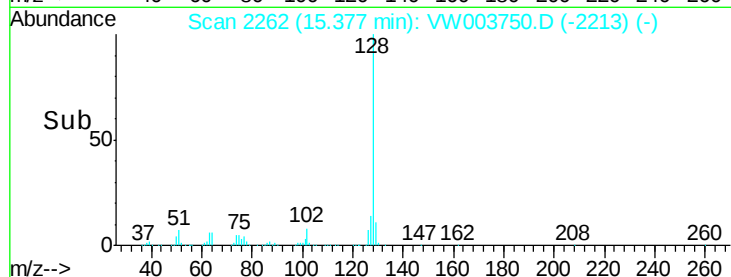
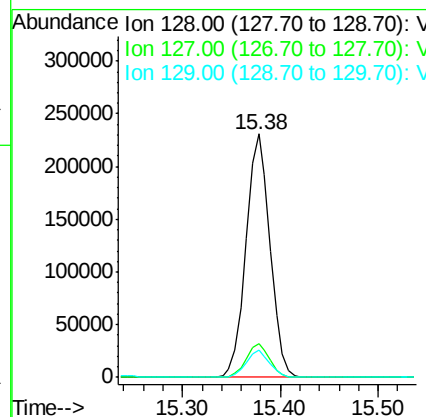
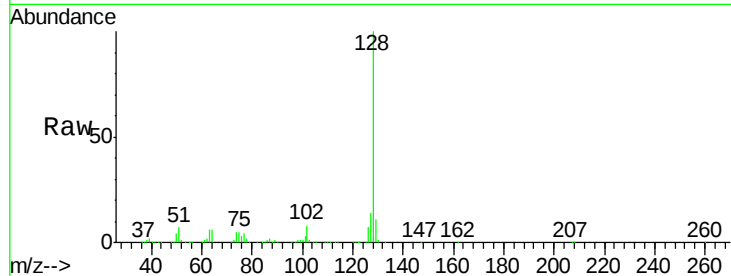




#95
Naphthalene
Concen: 55.427 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 391641
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.100 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003750.D
Acq: 07 Jul 2018 00:06

Tgt Ion:180 Resp: 180193
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 31.6 15.8 47.4

