

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070718\
 Data File : VW003752.D
 Acq On : 07 Jul 2018 00:58
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 07 03:53:35 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	228929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181656	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	293316	105.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.54%	
35) Dibromofluoromethane	7.88	113	258169	106.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.52%	
50) Toluene-d8	10.32	98	1017395	107.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.90%	
62) 4-Bromofluorobenzene	12.62	95	368331	108.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	112058	101.893	ug/l	96
3) Chloromethane	2.20	50	180551	97.994	ug/l	95
4) Vinyl Chloride	2.36	62	252926	100.837	ug/l	99
5) Bromomethane	2.77	94	179344	107.457	ug/l	99
6) Chloroethane	2.91	64	163777	108.688	ug/l	99
7) Trichlorofluoromethane	3.24	101	97021	75.498	ug/l	99
8) Diethyl Ether	3.67	74	120151	100.246	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	175752	79.480	ug/l	100
10) Methyl Iodide	4.26	142	333743	102.952	ug/l	100
11) Tert butyl alcohol	5.22	59	84300	494.680	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	177187	80.661	ug/l	97
13) Acrolein	3.89	56	80455	726.730	ug/l	99
14) Allyl chloride	4.65	41	386902	102.878	ug/l	98
15) Acrylonitrile	5.37	53	297983	514.309	ug/l	99
16) Acetone	4.15	43	226079	351.181	ug/l	99
17) Carbon Disulfide	4.37	76	688020	104.291	ug/l	99
18) Methyl Acetate	4.67	43	147892	92.518	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	465135	106.749	ug/l	99
20) Methylene Chloride	4.90	84	247563	83.048	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	255961	105.777	ug/l	98
22) Diisopropyl ether	6.31	45	848500	108.741	ug/l	98
23) Vinyl Acetate	6.26	43	2685717	564.781	ug/l	100
24) 1,1-Dichloroethane	6.21	63	488465	105.334	ug/l	100
25) 2-Butanone	7.18	43	418375	495.691	ug/l	99
26) 2,2-Dichloropropane	7.17	77	248008	88.815	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	284574	107.636	ug/l	98
28) Bromochloromethane	7.51	49	212829	105.049	ug/l	99
29) Tetrahydrofuran	7.54	42	272853	533.215	ug/l	99
30) Chloroform	7.68	83	491486	104.645	ug/l	99
31) Cyclohexane	7.95	56	409537	97.640	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	368570	101.163	ug/l	99
36) 1,1-Dichloropropene	8.08	75	383270	103.087	ug/l	100
37) Ethyl Acetate	7.26	43	188031	103.026	ug/l	99
38) Carbon Tetrachloride	8.07	117	356881	100.966	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070718\
 Data File : VW003752.D
 Acq On : 07 Jul 2018 00:58
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 07 03:53:35 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)
39) Methylcyclohexane	9.34	83	446627	104.929	ug/l	99
40) Benzene	8.32	78	1102789	105.179	ug/l	98
41) Methacrylonitrile	7.49	41	111512	107.095	ug/l	99
42) 1,2-Dichloroethane	8.40	62	342296	102.989	ug/l	99
43) Isopropyl Acetate	8.43	43	371997	107.753	ug/l	99
44) Trichloroethene	9.09	130	275842	101.959	ug/l	99
45) 1,2-Dichloropropane	9.37	63	288482	105.806	ug/l	100
46) Dibromomethane	9.46	93	146676	103.108	ug/l	99
47) Bromodichloromethane	9.65	83	371801	106.182	ug/l	100
48) Methyl methacrylate	9.44	41	181854	110.796	ug/l	99
49) 1,4-Dioxane	9.48	88	47175	2128.703	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	976155	534.971	ug/l	100
52) Toluene	10.39	92	696080	106.543	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	390223	107.732	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	439518	107.338	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	206915	103.458	ug/l	96
56) Ethyl methacrylate	10.65	69	288982	114.716	ug/l	99
57) 1,3-Dichloropropane	10.93	76	370933	106.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	713779	637.802	ug/l	100
59) 2-Hexanone	10.98	43	676693	521.053	ug/l	99
60) Dibromochloromethane	11.13	129	249152	106.334	ug/l	99
61) 1,2-Dibromoethane	11.24	107	198926	103.529	ug/l	99
64) Tetrachloroethene	10.87	164	252336	104.956	ug/l	99
65) Chlorobenzene	11.66	112	758880	102.408	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	270119	104.443	ug/l	99
67) Ethyl Benzene	11.74	91	1376295	106.381	ug/l	100
68) m/p-Xylenes	11.84	106	1031739	209.277	ug/l	100
69) o-Xylene	12.17	106	490627	107.450	ug/l	100
70) Styrene	12.19	104	841693	109.681	ug/l	100
71) Bromoform	12.35	173	151422	104.520	ug/l #	99
73) Isopropylbenzene	12.47	105	1333053	107.662	ug/l	100
74) N-amyl acetate	12.28	43	369096	111.662	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	246946	100.774	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	335059	203.821	ug/l #	100
77) Bromobenzene	12.75	156	313165	105.267	ug/l	97
78) n-propylbenzene	12.81	91	1632182	106.627	ug/l	100
79) 2-Chlorotoluene	12.90	91	925215	106.267	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1123306	106.980	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	79163	102.494	ug/l	96
82) 4-Chlorotoluene	12.99	91	966446	104.087	ug/l	99
83) tert-Butylbenzene	13.21	119	943972	106.772	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1150649	106.483	ug/l	99
85) sec-Butylbenzene	13.39	105	1378540	104.986	ug/l	100
86) p-Isopropyltoluene	13.51	119	1227060	106.695	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	614779	101.597	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	606670	100.277	ug/l	100
89) n-Butylbenzene	13.83	91	1192707	105.121	ug/l	100
90) Hexachloroethane	14.10	117	224294	104.835	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	553227	102.070	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43334	101.186	ug/l	99

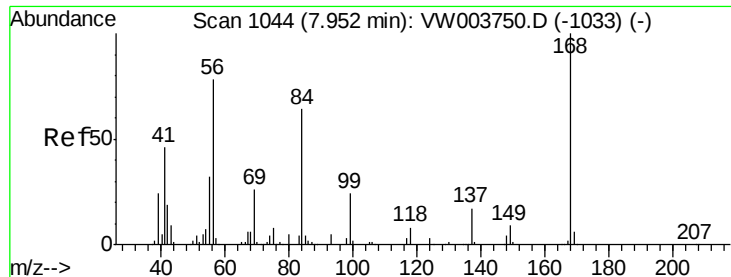
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070718\
Data File : VW003752.D
Acq On : 07 Jul 2018 00:58
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Jul 07 03:53:35 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)
93) 1,2,4-Trichlorobenzene	15.15	180	390773	102.559	ug/l	100
94) Hexachlorobutadiene	15.24	225	215637	98.654	ug/l	97
95) Naphthalene	15.38	128	760606	109.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	347974	102.116	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: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

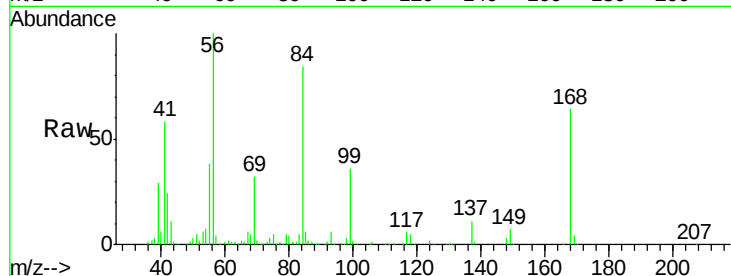
VSTDICC100

Tgt Ion:168 Resp: 228929

Ion Ratio Lower Upper

168 100

99 55.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

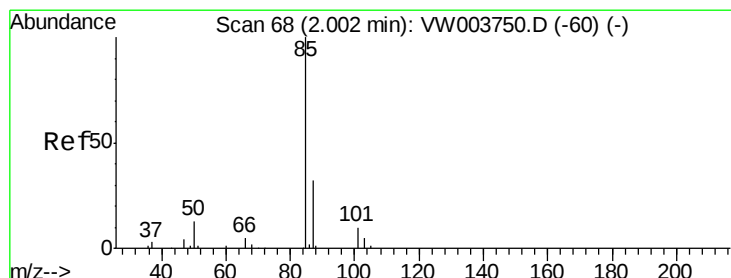
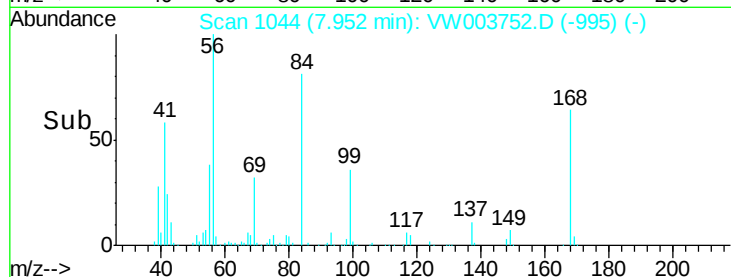
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 101.893 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003752.D

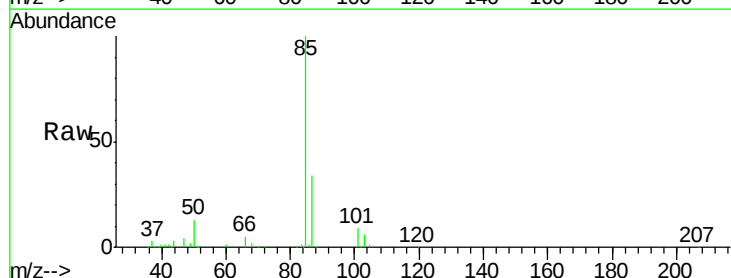
Acq: 07 Jul 2018 00:58

Tgt Ion: 85 Resp: 112058

Ion Ratio Lower Upper

85 100

87 34.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

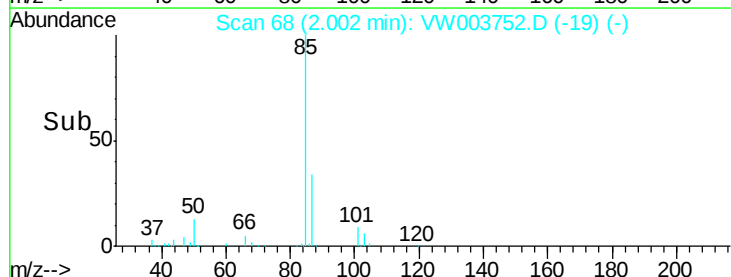
30000

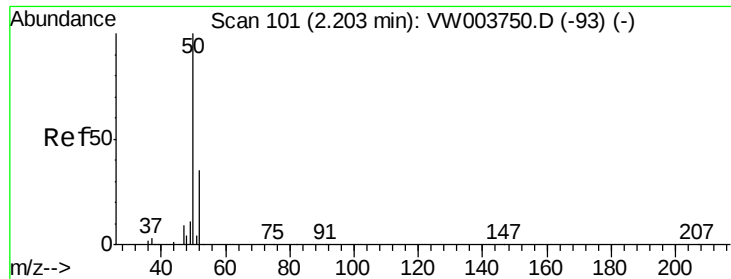
20000

10000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 97.994 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

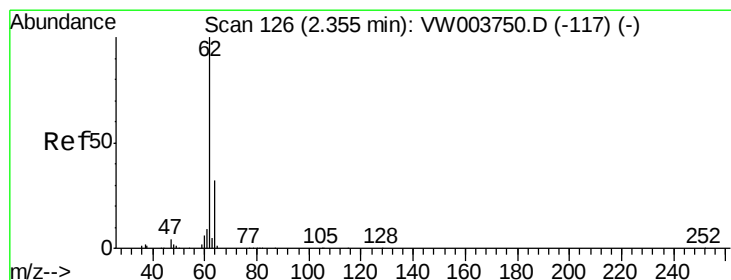
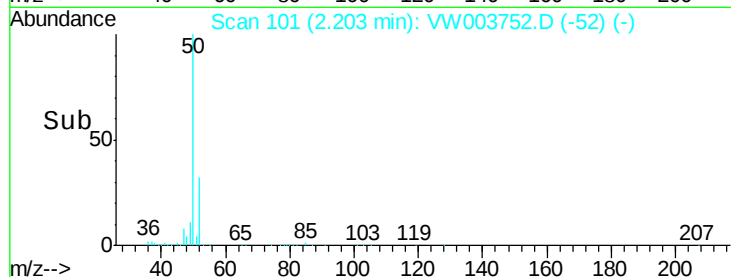
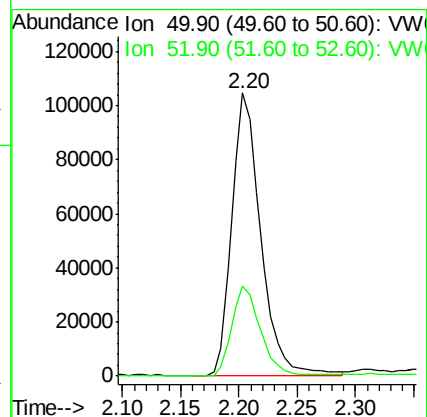
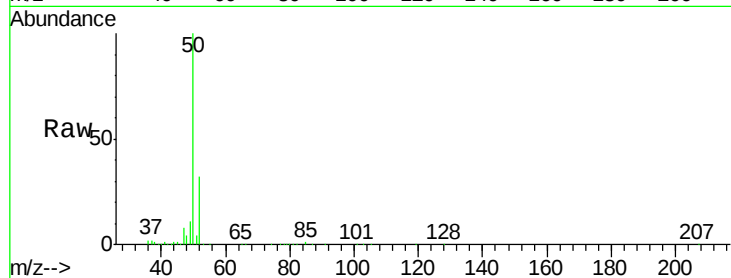
VSTDICC100

Tgt Ion: 50 Resp: 180551

Ion Ratio Lower Upper

50 100

52 31.7 27.8 41.6



#4

Vinyl Chloride

Concen: 100.837 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003752.D

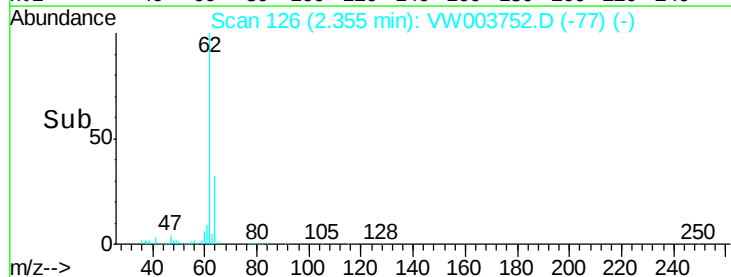
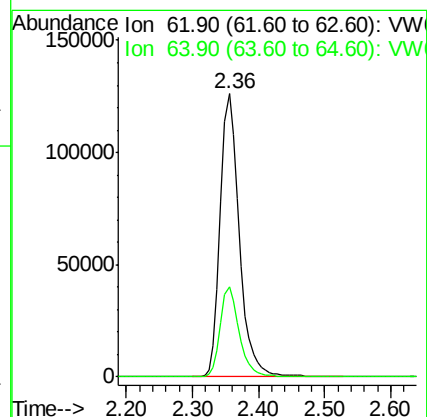
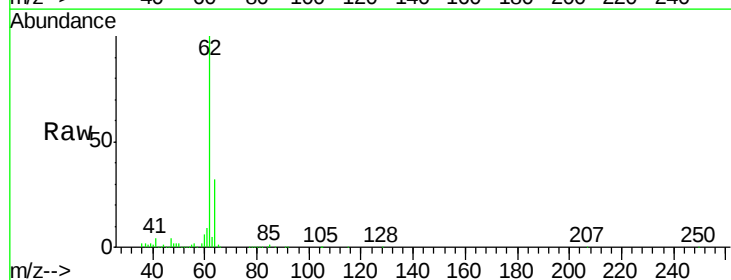
Acq: 07 Jul 2018 00:58

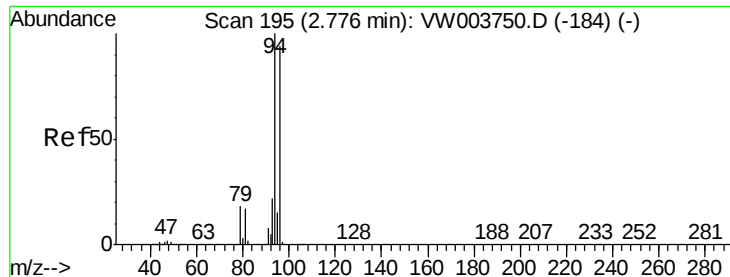
Tgt Ion: 62 Resp: 252926

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 107.457 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

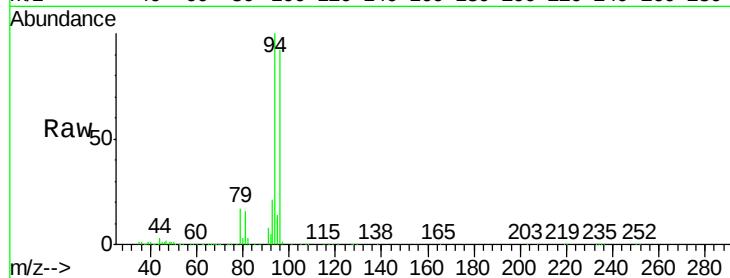
VSTDIC100

Tgt Ion: 94 Resp: 179344

Ion Ratio Lower Upper

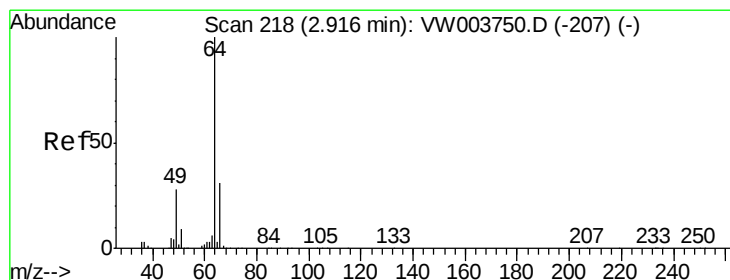
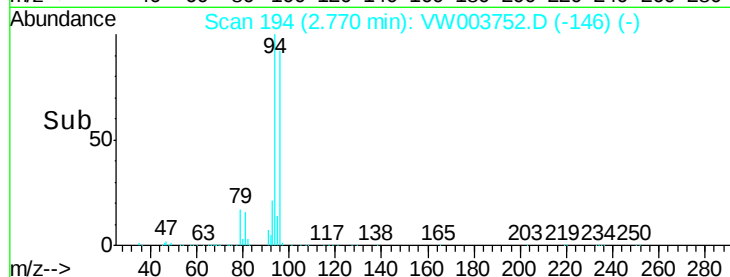
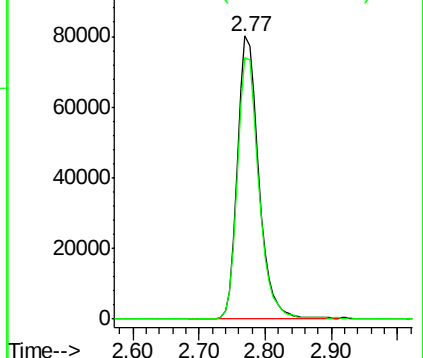
94 100

96 92.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 108.688 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW003752.D

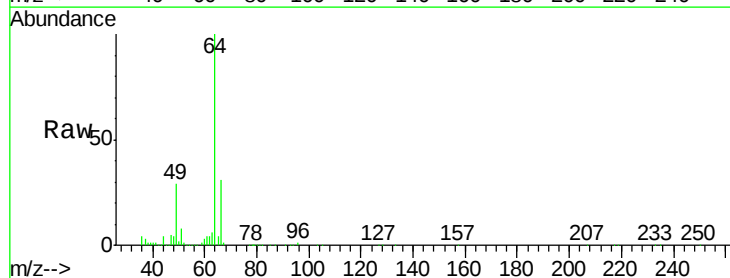
Acq: 07 Jul 2018 00:58

Tgt Ion: 64 Resp: 163777

Ion Ratio Lower Upper

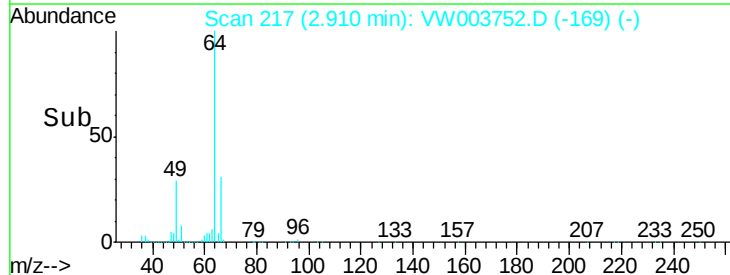
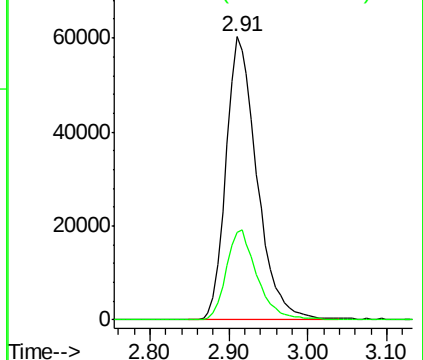
64 100

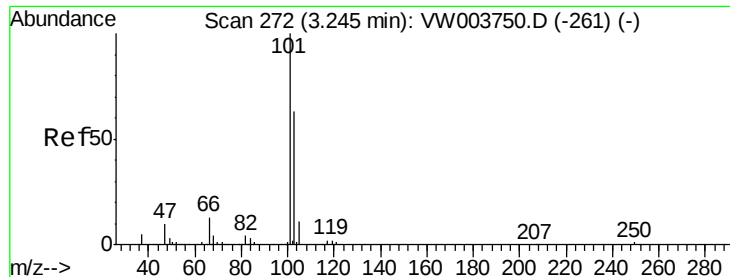
66 30.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



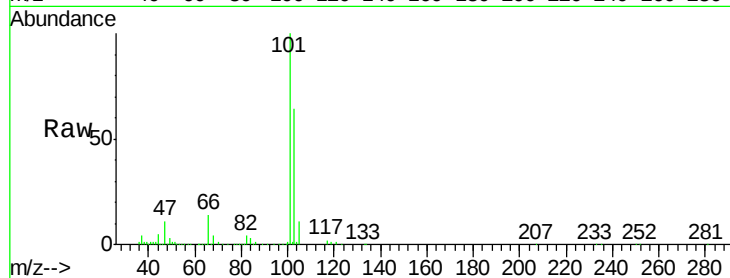


#7

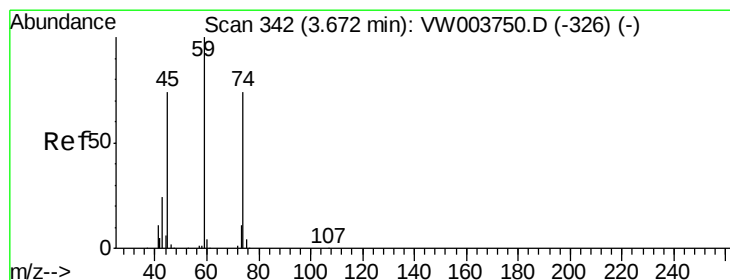
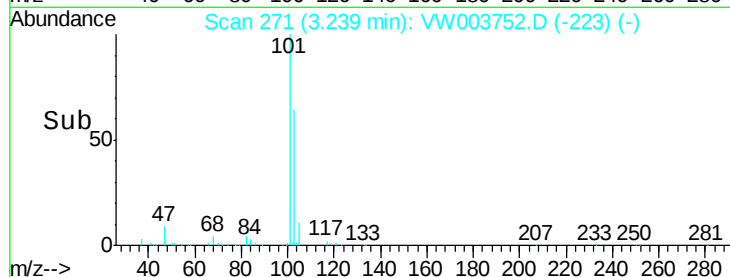
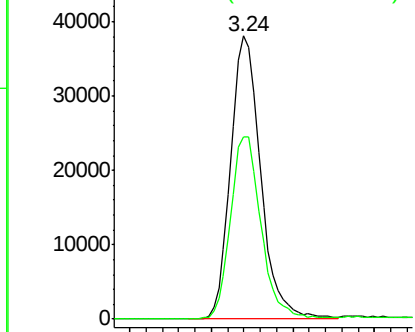
Trichlorofluoromethane
Concen: 75.498 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 97021
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1



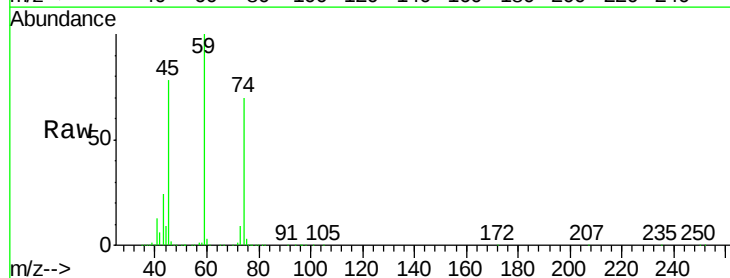
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



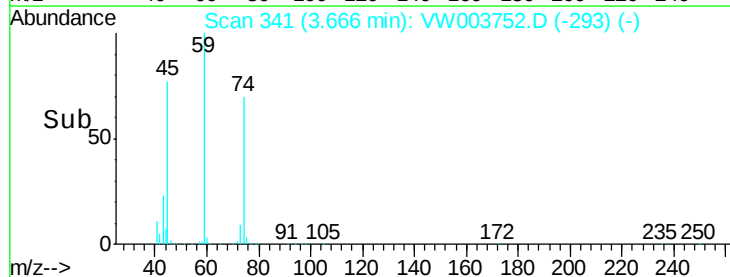
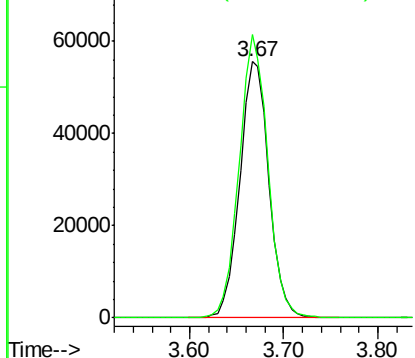
#8

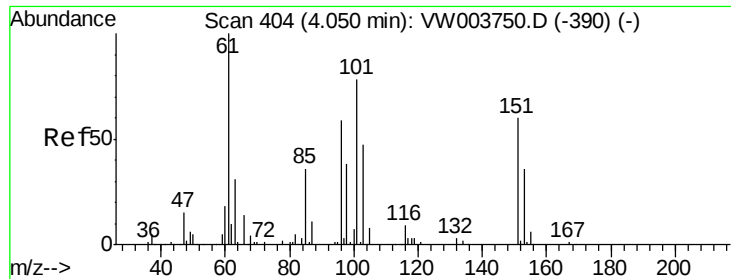
Diethyl Ether
Concen: 100.246 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 74 Resp: 120151
Ion Ratio Lower Upper
74 100
45 108.3 52.4 157.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 79.480 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

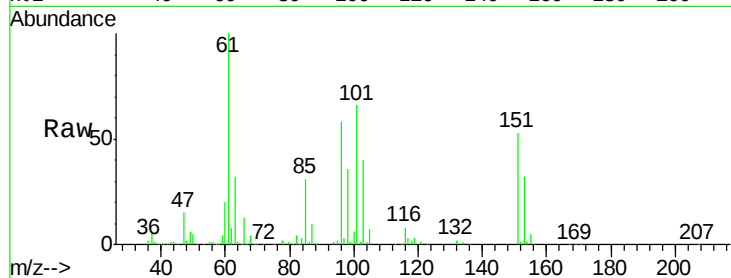
Tgt Ion:101 Resp: 175752

Ion Ratio Lower Upper

101 100

85 46.4 37.1 55.7

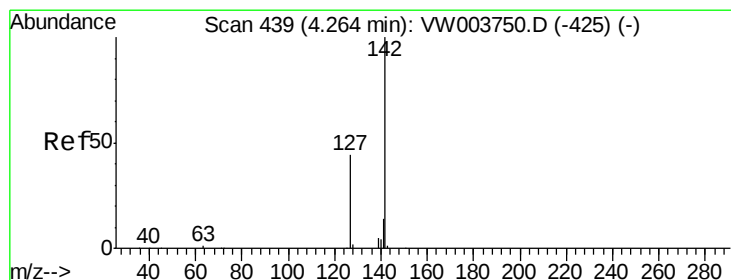
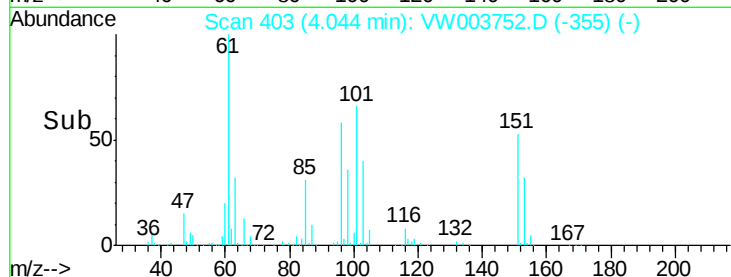
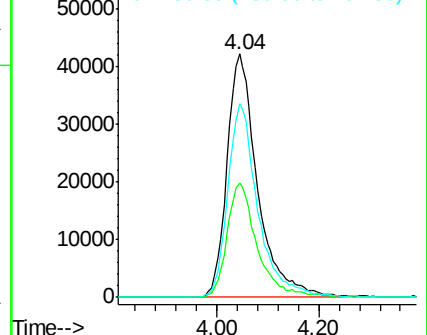
151 77.9 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 102.952 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

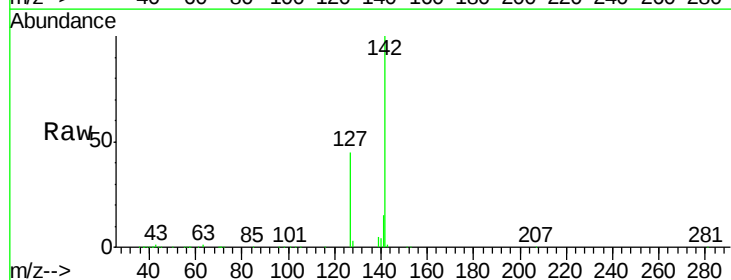
Tgt Ion:142 Resp: 333743

Ion Ratio Lower Upper

142 100

127 45.0 36.1 54.1

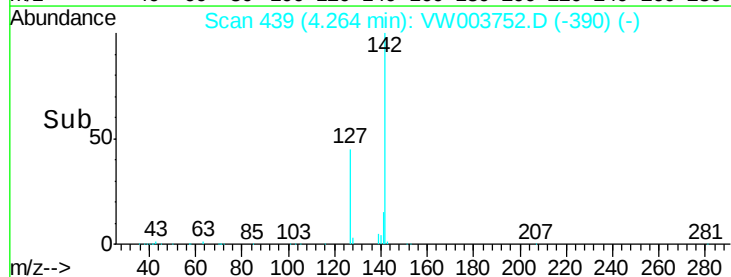
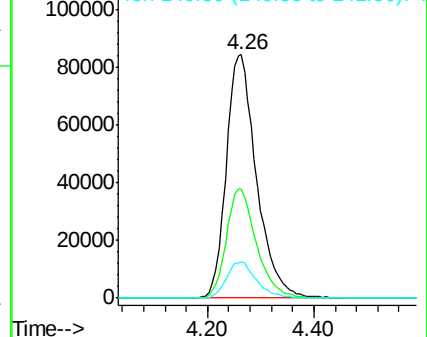
141 14.8 11.6 17.4

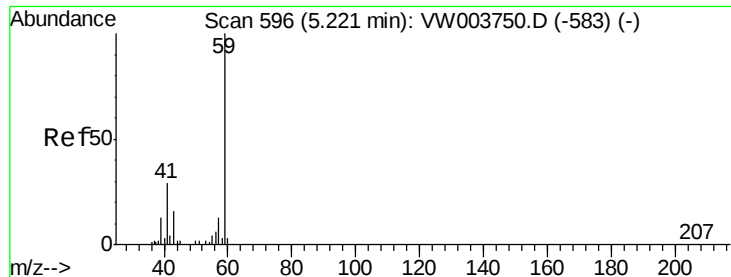


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



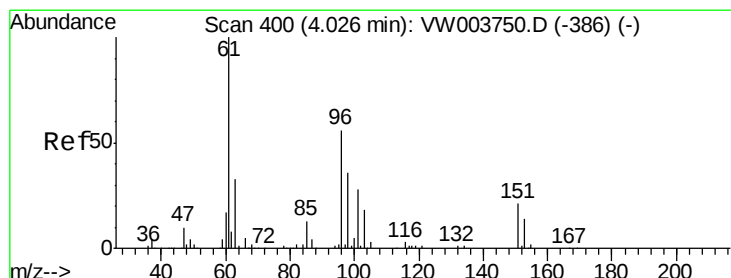
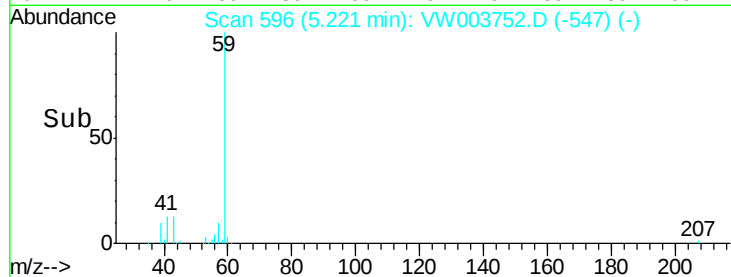
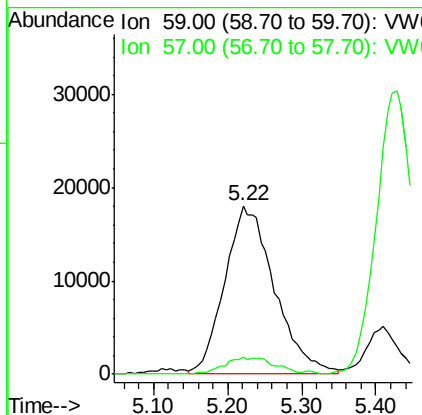
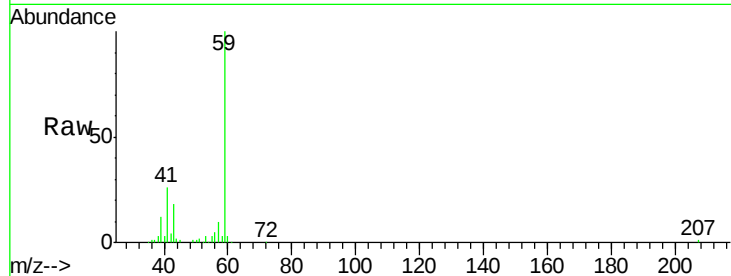


#11

Tert butyl alcohol
 Concen: 494.680 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

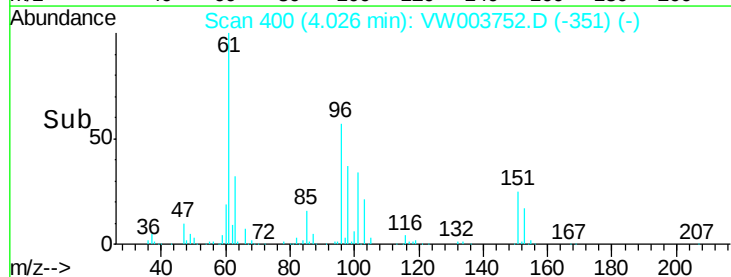
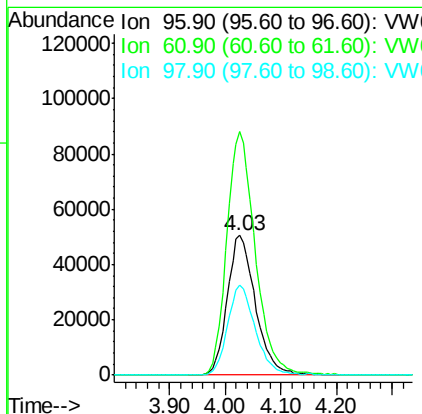
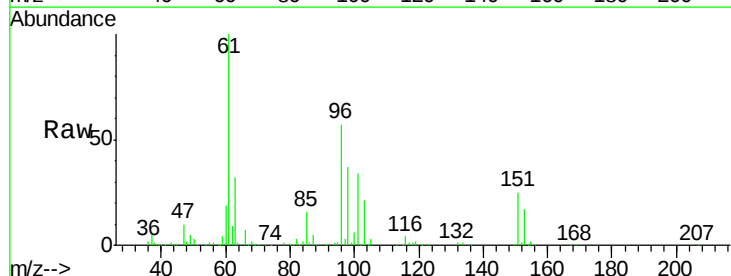
Tgt Ion: 59 Resp: 84300
 Ion Ratio Lower Upper
 59 100
 57 5.0 9.3 13.9#

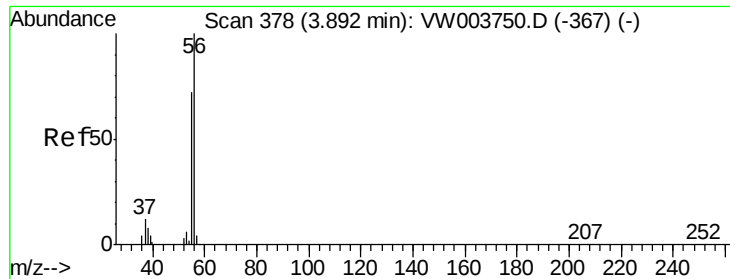


#12

1,1-Dichloroethene
 Concen: 80.661 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion: 96 Resp: 177187
 Ion Ratio Lower Upper
 96 100
 61 174.2 143.2 214.8
 98 64.0 51.4 77.0





#13

Acrolein

Concen: 726.730 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

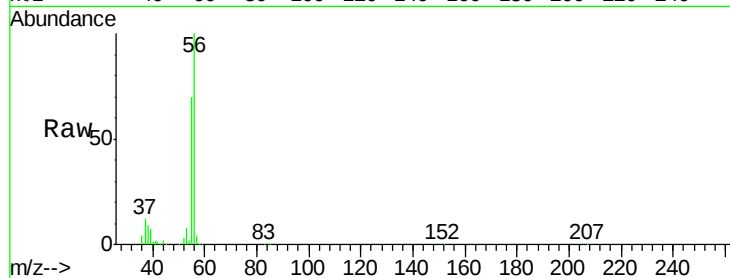
VSTDIC100

Tgt Ion: 56 Resp: 80455

Ion Ratio Lower Upper

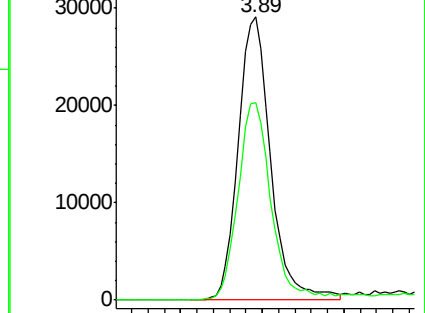
56 100

55 71.2 57.5 86.3

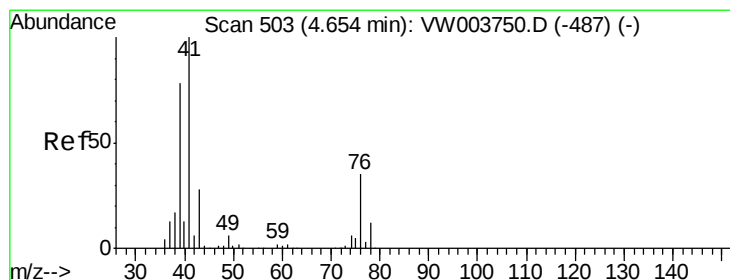
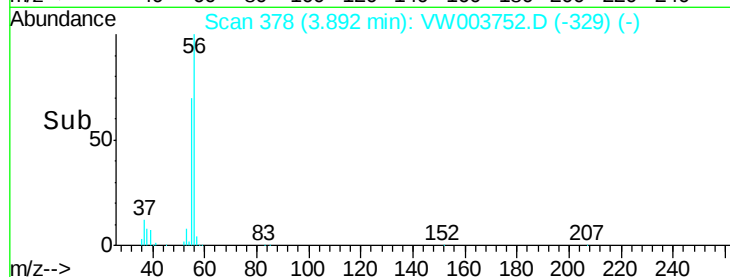


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 102.878 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

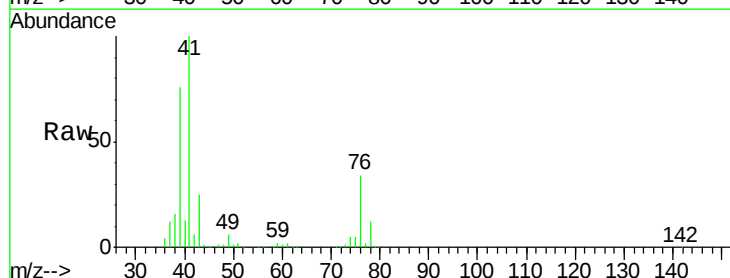
Tgt Ion: 41 Resp: 386902

Ion Ratio Lower Upper

41 100

39 74.2 60.9 91.3

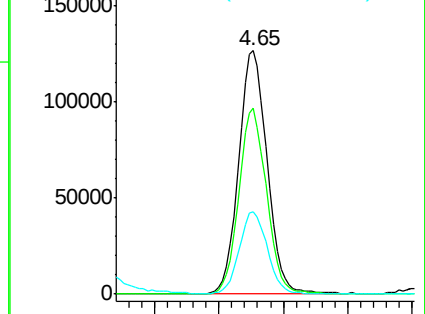
76 33.1 27.5 41.3



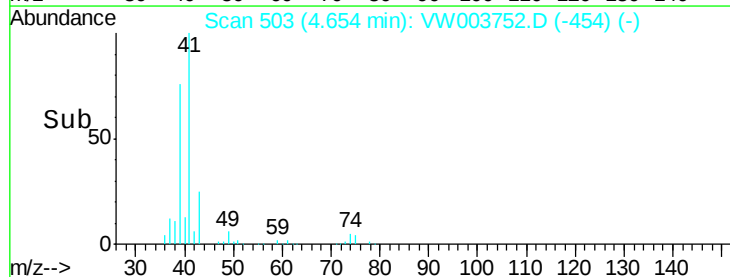
Abundance Ion 41.00 (40.70 to 41.70): VW

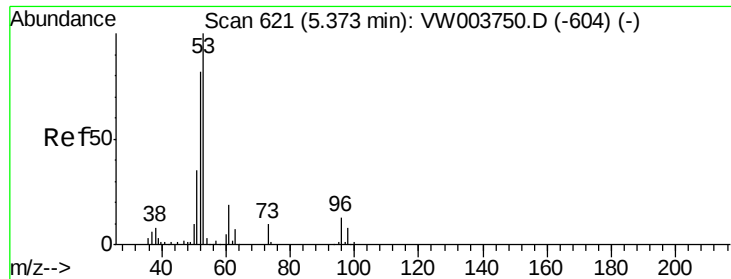
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 514.309 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

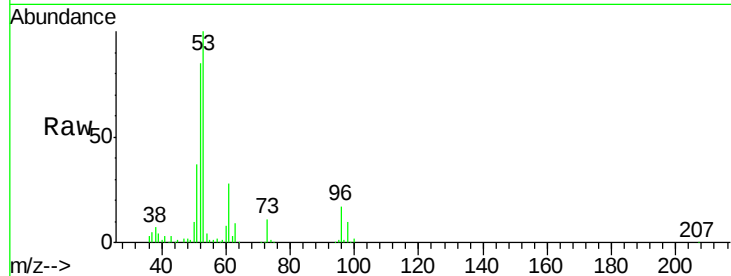
Tgt Ion: 53 Resp: 297983

Ion Ratio Lower Upper

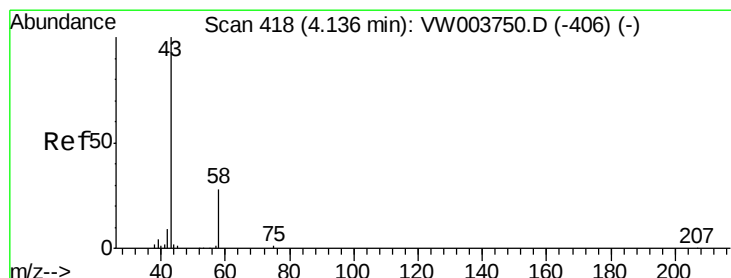
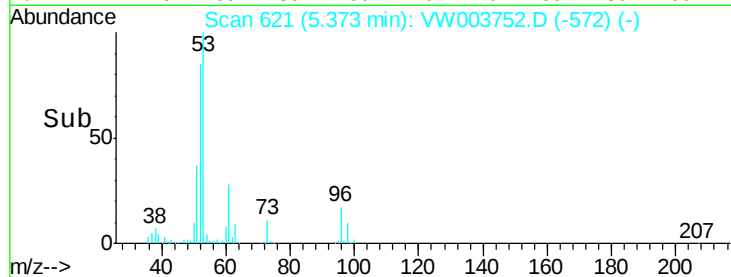
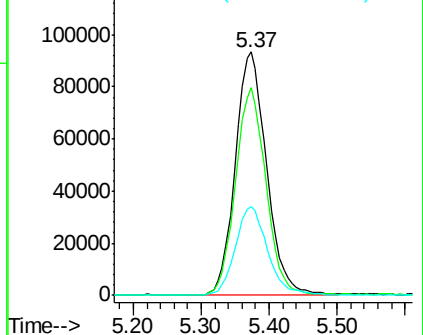
53 100

52 83.4 66.2 99.2

51 37.8 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 351.181 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW003752.D

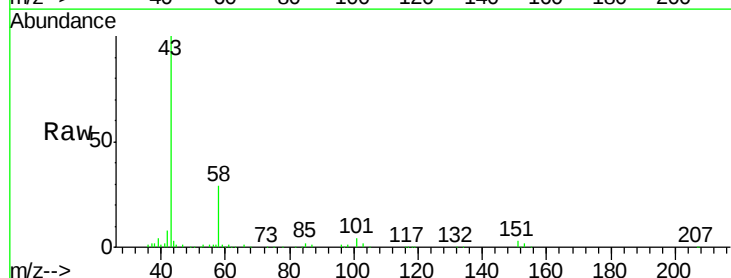
Acq: 07 Jul 2018 00:58

Tgt Ion: 43 Resp: 226079

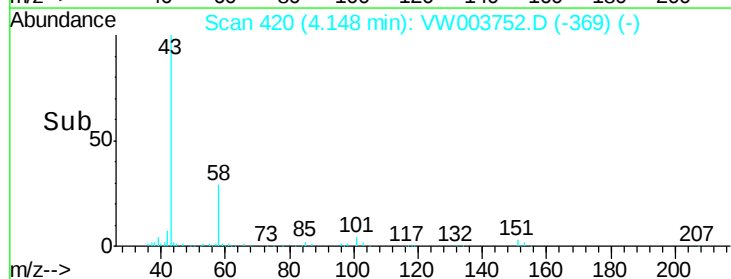
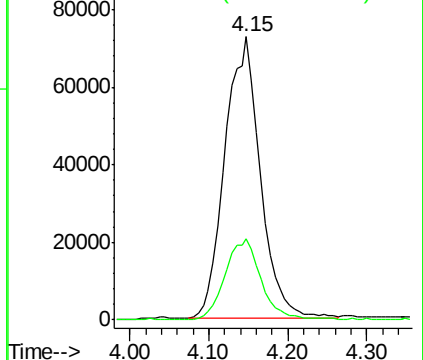
Ion Ratio Lower Upper

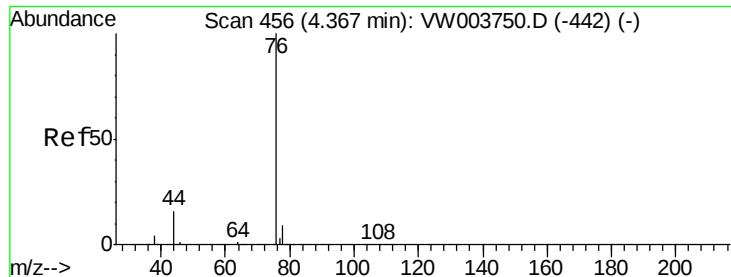
43 100

58 28.8 22.6 34.0



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





#17

Carbon Disulfide

Concen: 104.291 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

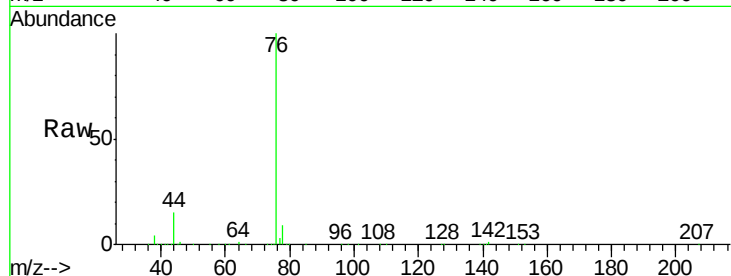
VSTDIC100

Tgt Ion: 76 Resp: 688020

Ion Ratio Lower Upper

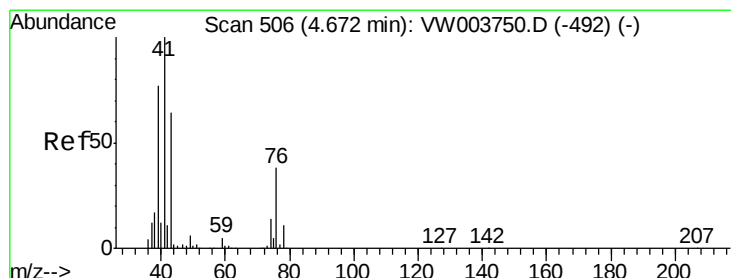
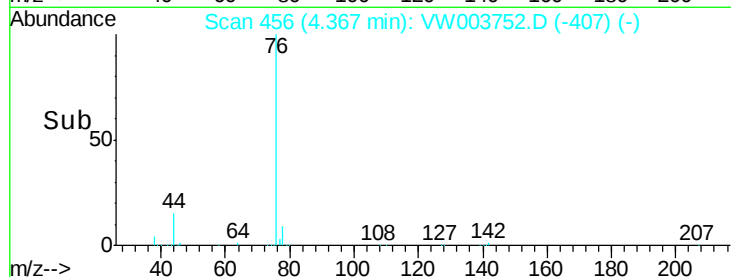
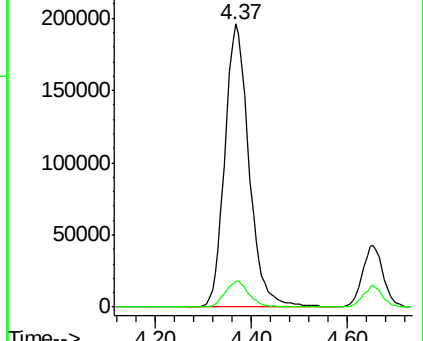
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 92.518 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003752.D

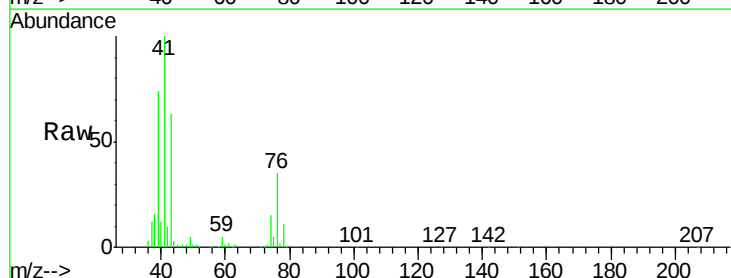
Acq: 07 Jul 2018 00:58

Tgt Ion: 43 Resp: 147892

Ion Ratio Lower Upper

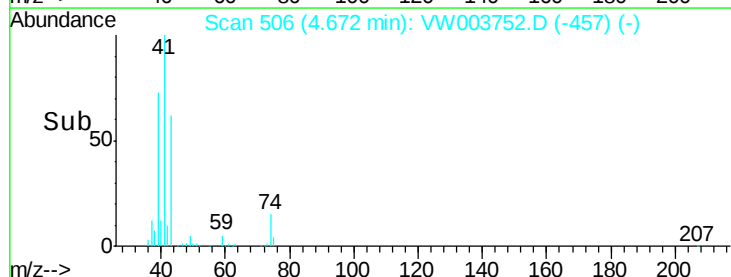
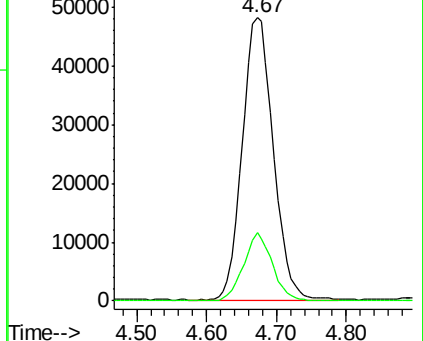
43 100

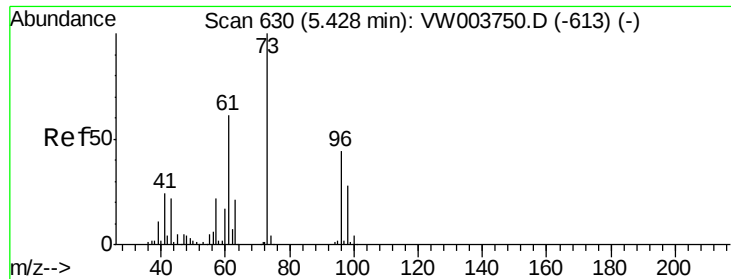
74 22.4 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

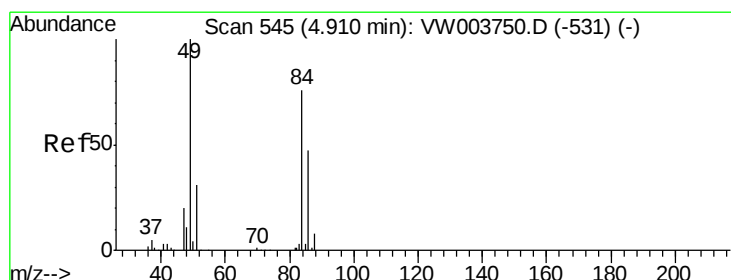
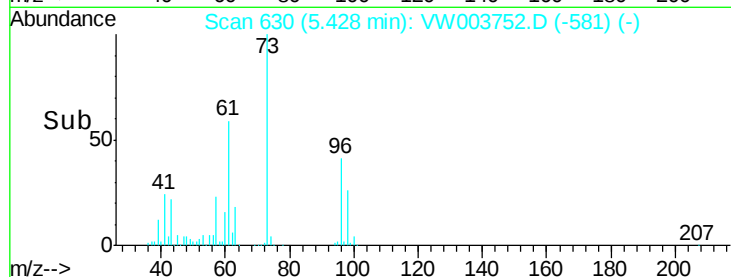
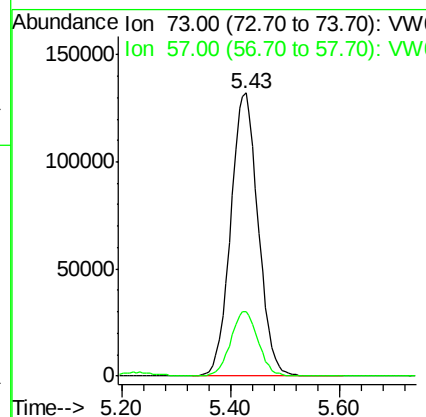
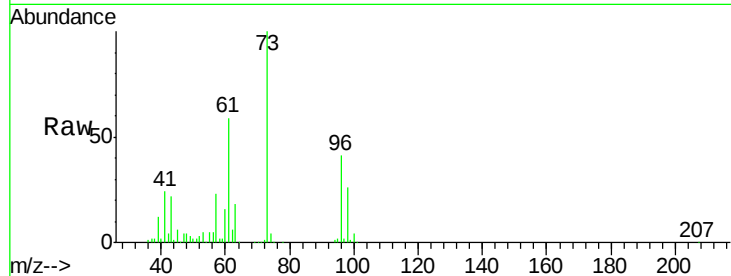




#19
Methyl tert-butyl Ether
Concen: 106.749 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

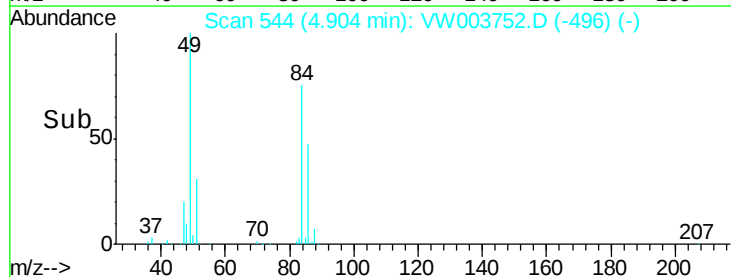
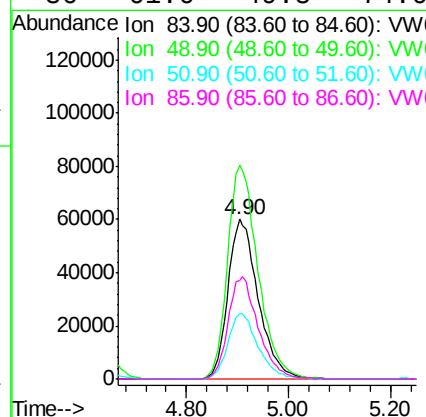
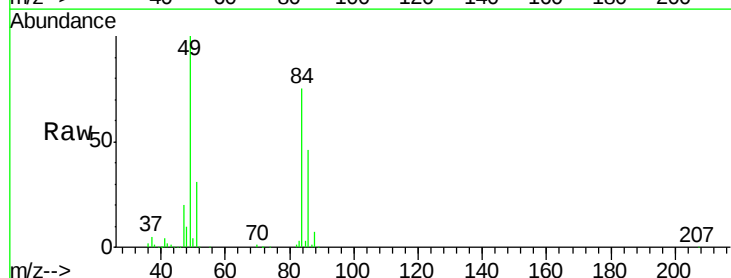
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

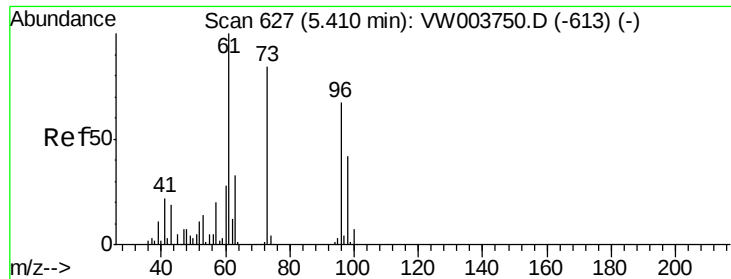
Tgt Ion: 73 Resp: 465135
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9



#20
Methylene Chloride
Concen: 83.048 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 84 Resp: 247563
Ion Ratio Lower Upper
84 100
49 133.7 105.1 157.7
51 41.2 32.5 48.7
86 61.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 105.777 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

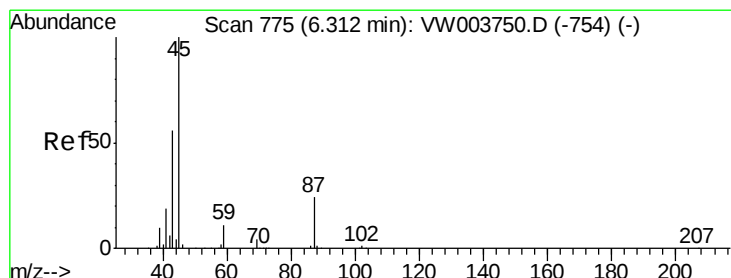
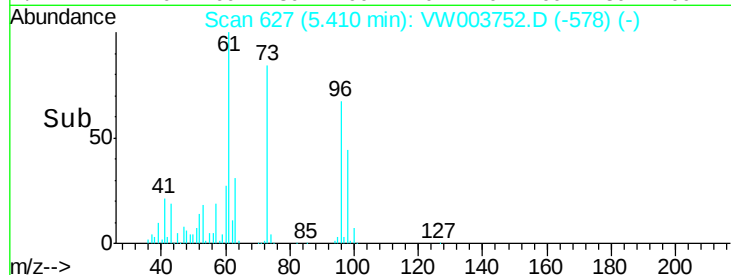
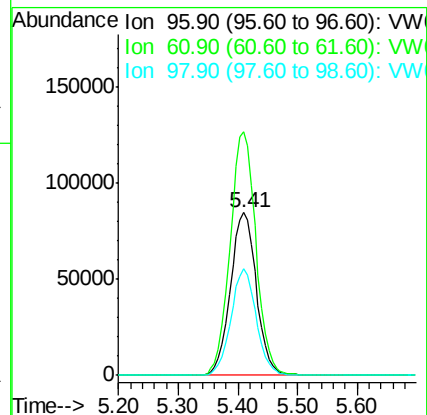
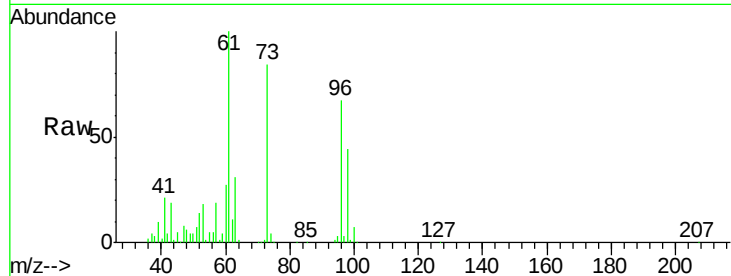
Tgt Ion: 96 Resp: 255961

Ion Ratio Lower Upper

96 100

61 149.9 119.0 178.6

98 65.4 49.8 74.8



#22

Diisopropyl ether

Concen: 108.741 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion: 45 Resp: 848500

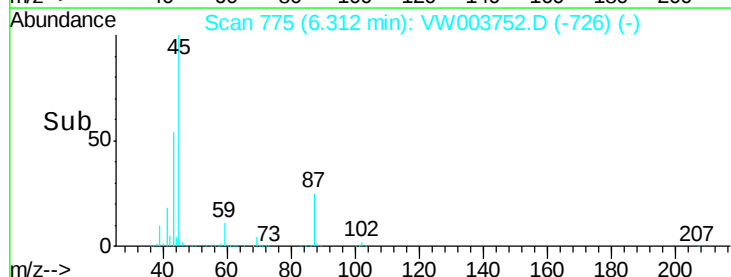
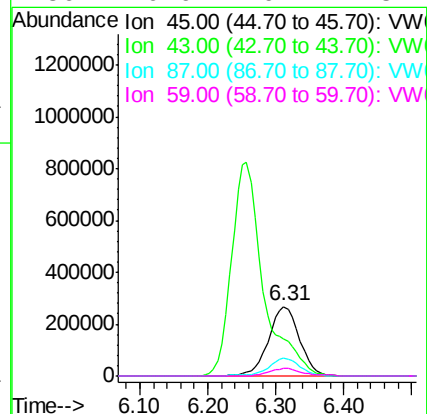
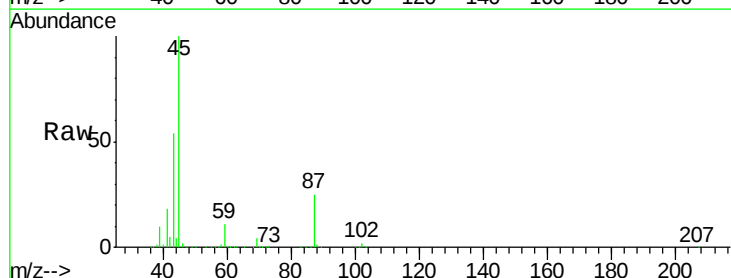
Ion Ratio Lower Upper

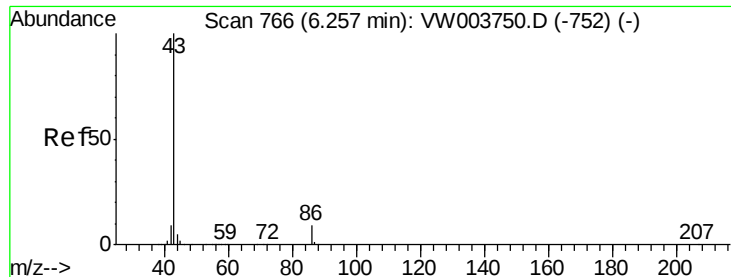
45 100

43 53.9 44.5 66.7

87 25.1 19.6 29.4

59 10.9 9.1 13.7





#23

Vinyl Acetate

Concen: 564.781 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

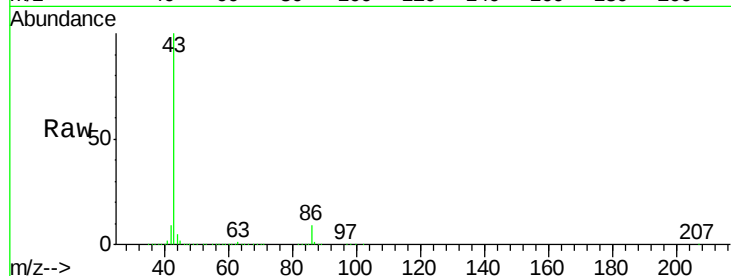
VSTDIC100

Tgt Ion: 43 Resp: 2685717

Ion Ratio Lower Upper

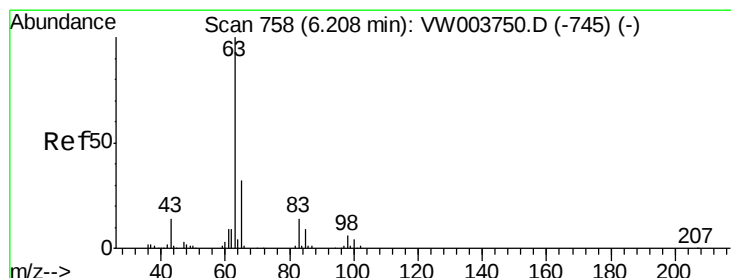
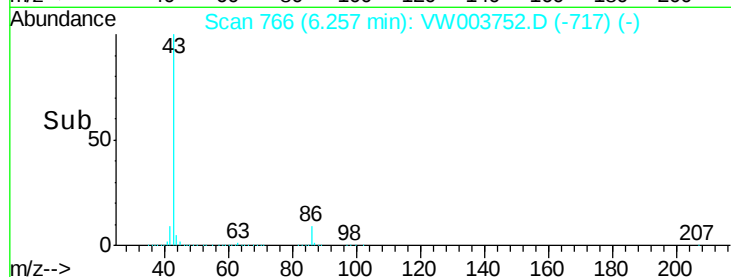
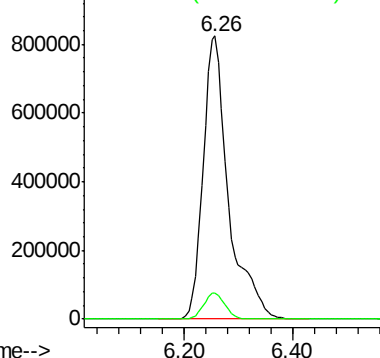
43 100

86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 105.334 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

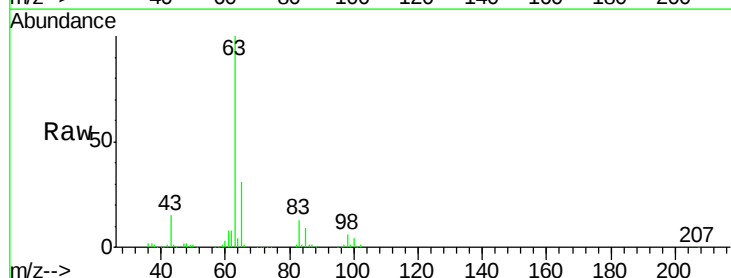
Tgt Ion: 63 Resp: 488465

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

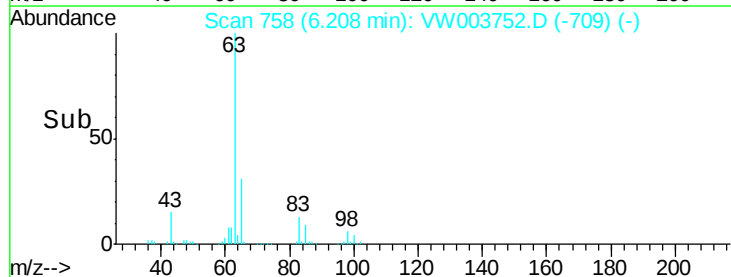
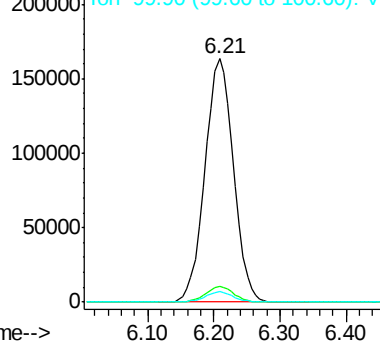
100 4.1 2.1 6.2

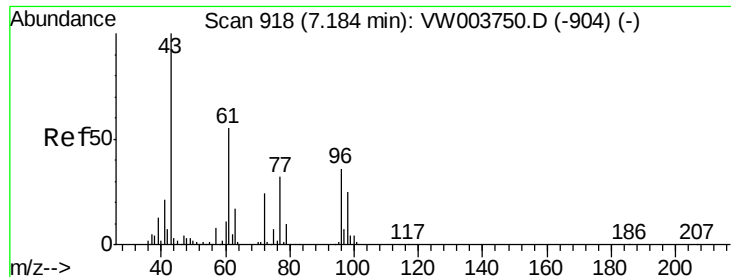


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

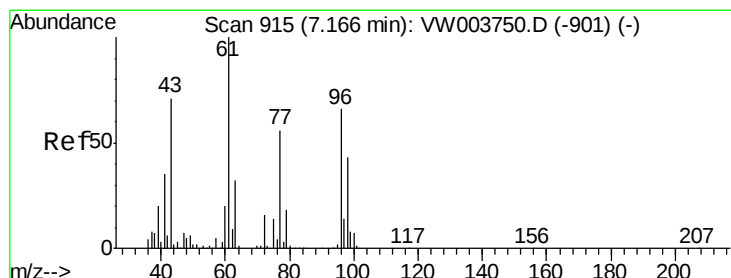
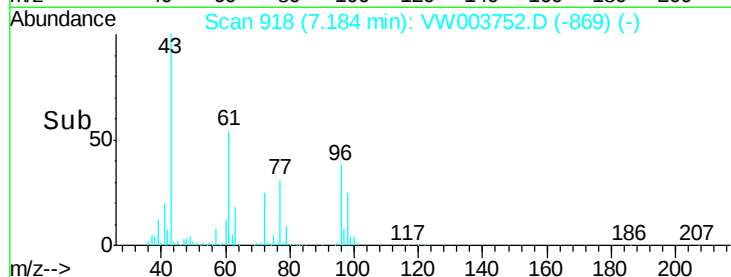
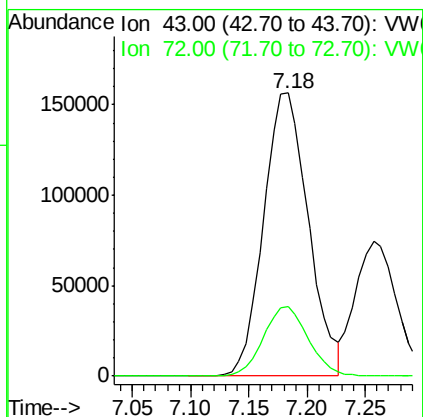
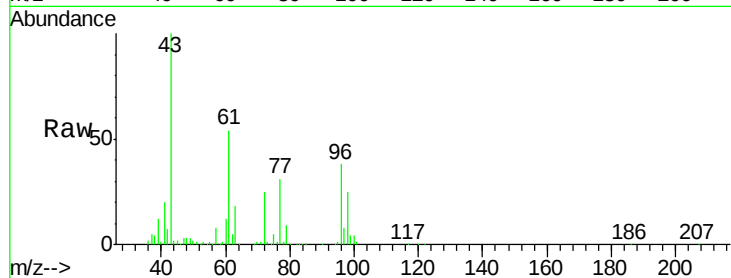




#25
2-Butanone
Concen: 495.691 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

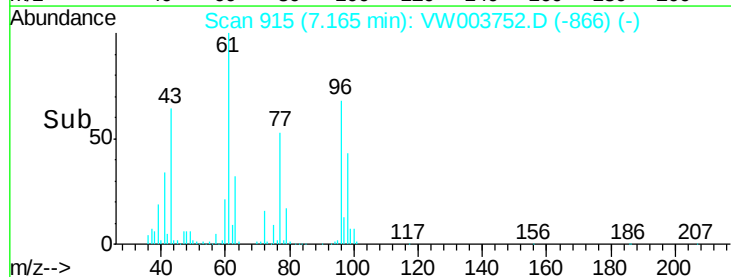
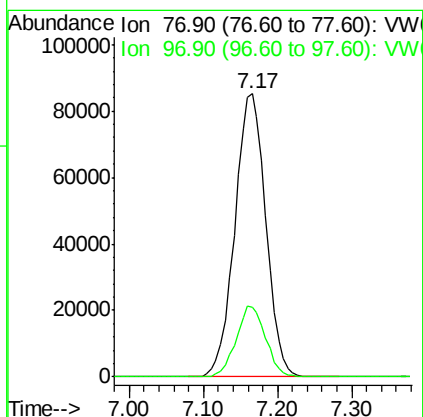
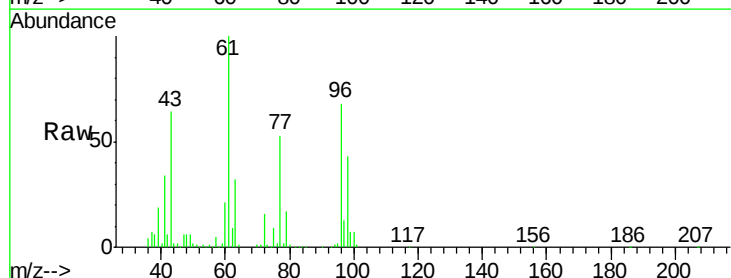
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

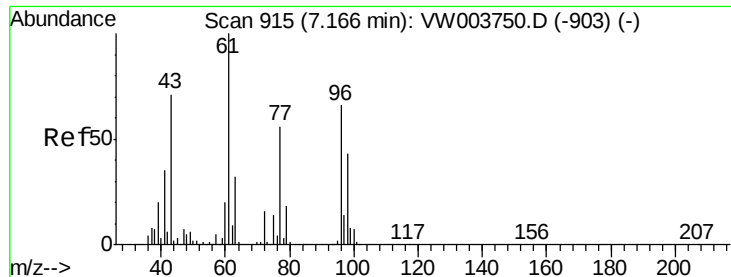
Tgt Ion: 43 Resp: 418375
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 88.815 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 77 Resp: 248008
Ion Ratio Lower Upper
77 100
97 23.8 11.5 34.5



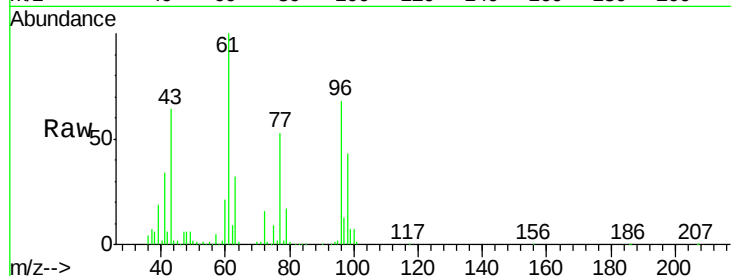


#27

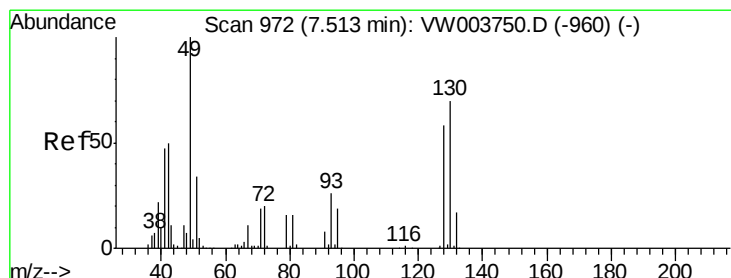
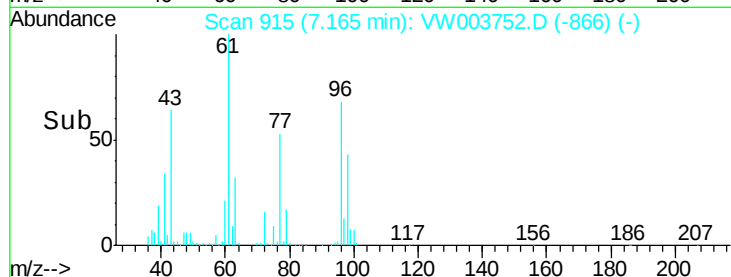
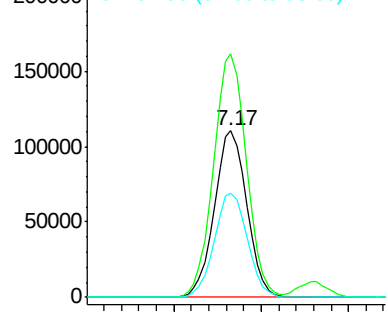
cis-1,2-Dichloroethene
Concen: 107.636 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 284574
Ion Ratio Lower Upper
96 100
61 147.8 0.0 300.8
98 63.8 0.0 128.6



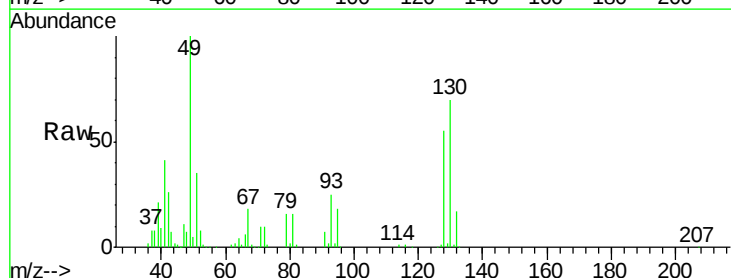
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



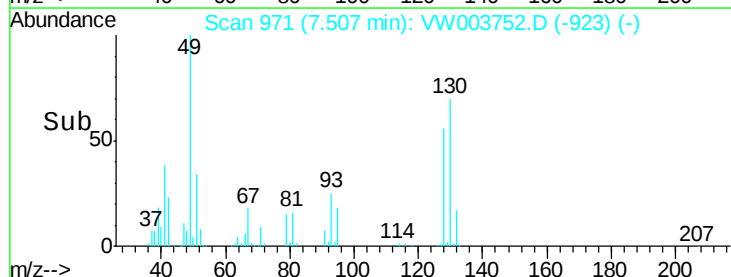
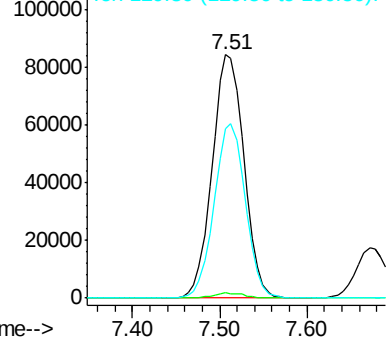
#28

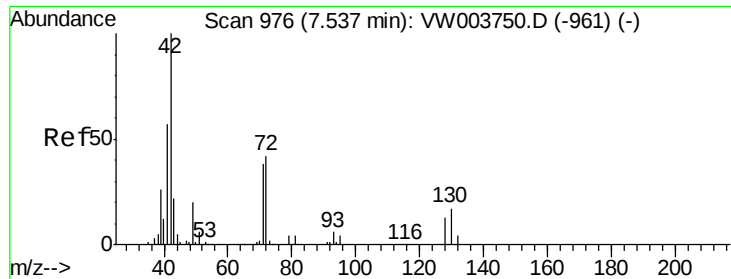
Bromochloromethane
Concen: 105.049 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 49 Resp: 212829
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 70.3 56.9 85.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

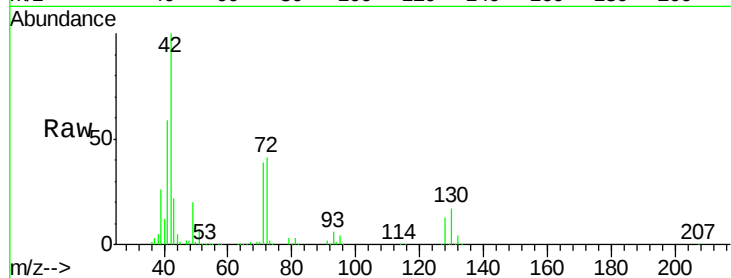




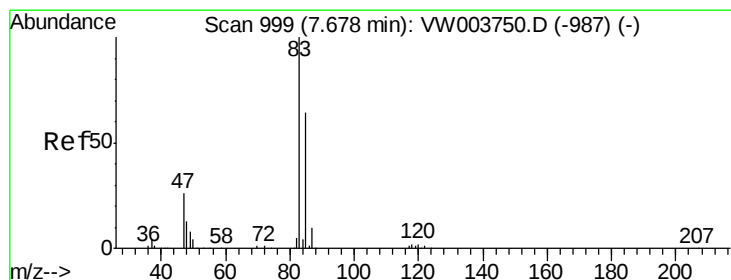
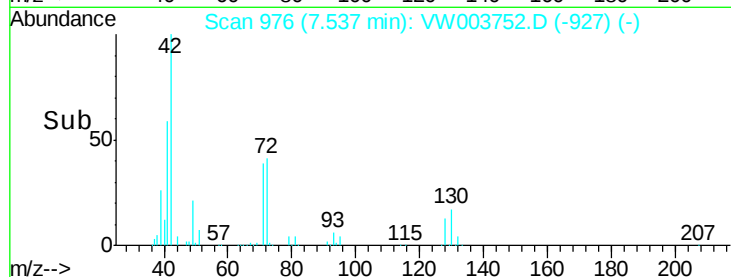
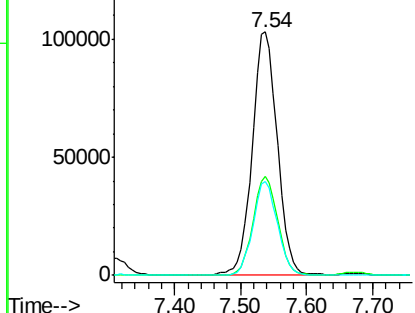
#29
Tetrahydrofuran
Concen: 533.215 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 272853
Ion Ratio Lower Upper
42 100
72 39.9 31.8 47.8
71 37.4 30.3 45.5

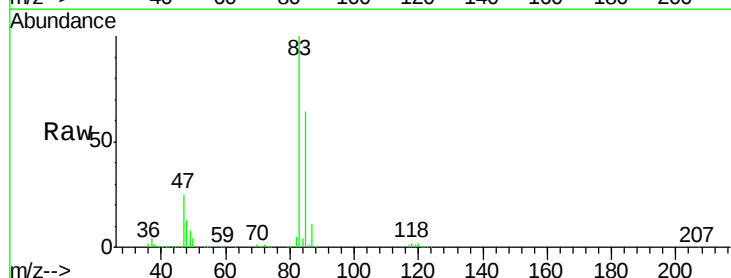


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

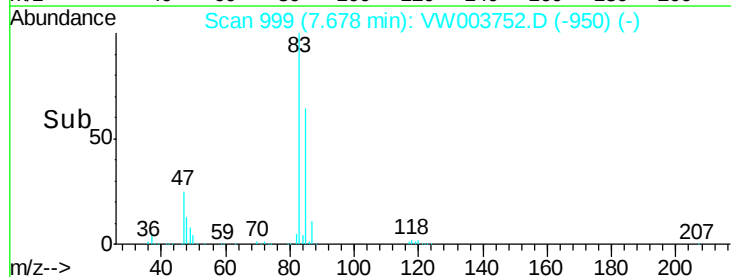
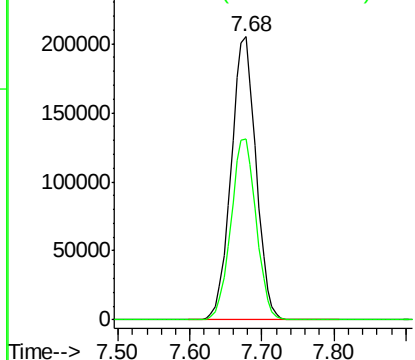


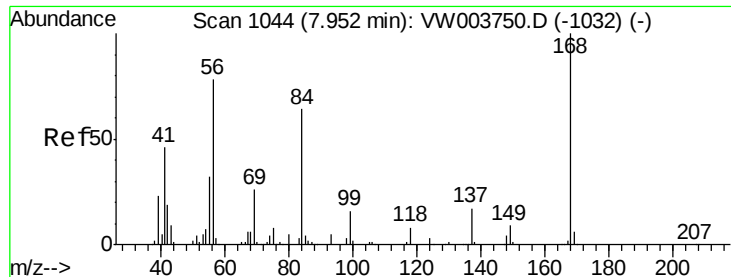
#30
Chloroform
Concen: 104.645 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 83 Resp: 491486
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3



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

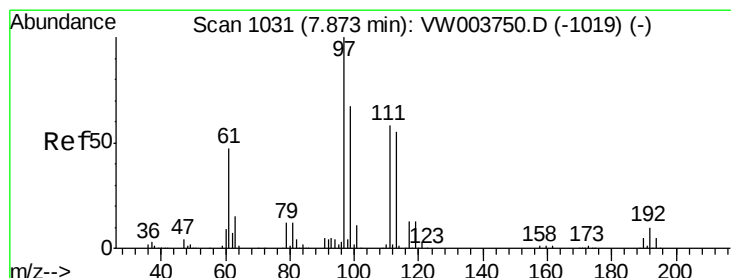
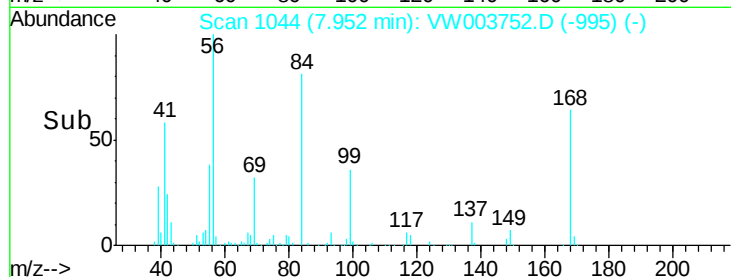
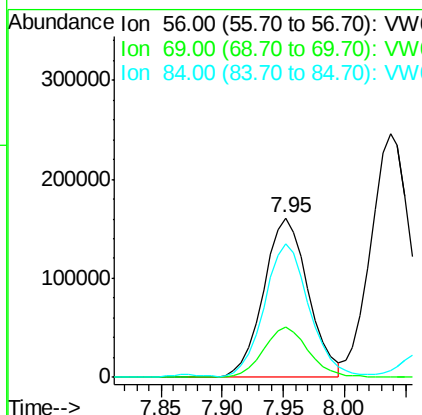
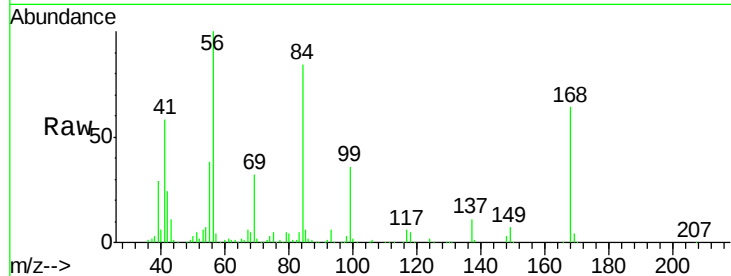




#31
Cyclohexane
Concen: 97.640 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

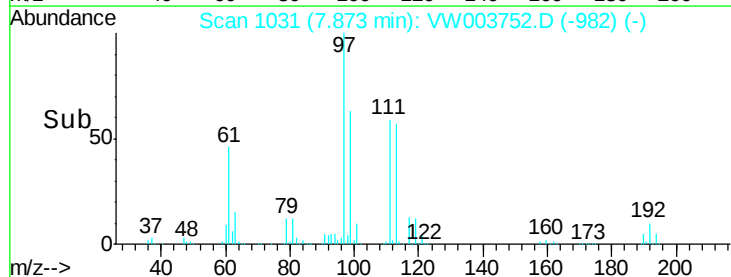
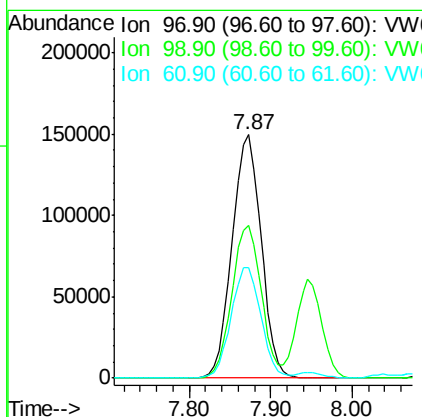
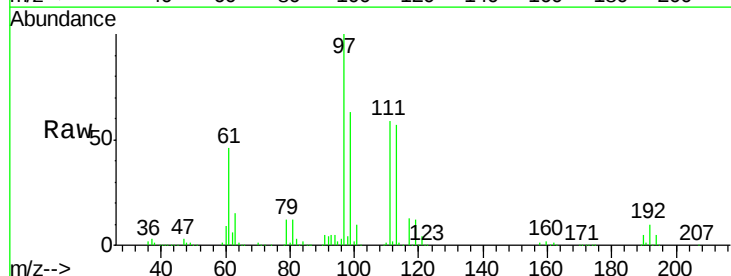
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

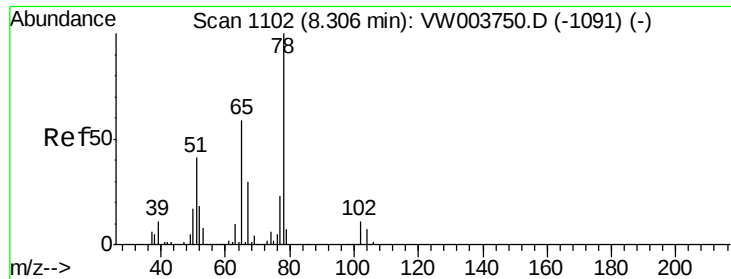
Tgt Ion: 56 Resp: 409537
Ion Ratio Lower Upper
56 100
69 31.8 26.2 39.4
84 82.0 65.5 98.3



#32
1,1,1-Trichloroethane
Concen: 101.163 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 97 Resp: 368570
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 46.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 105.770 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

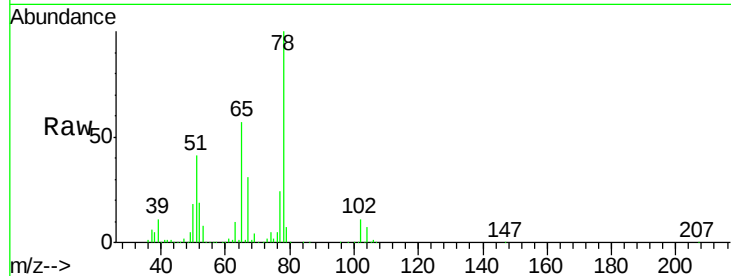
VSTDIC100

Tgt Ion: 65 Resp: 293316

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

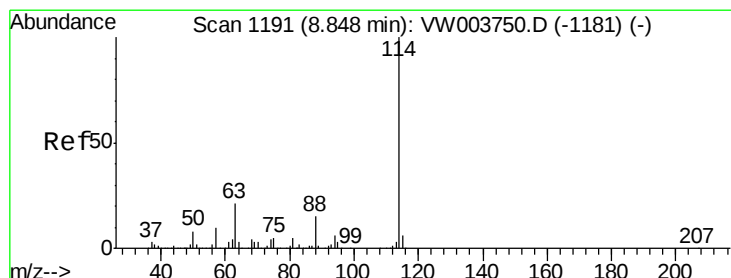
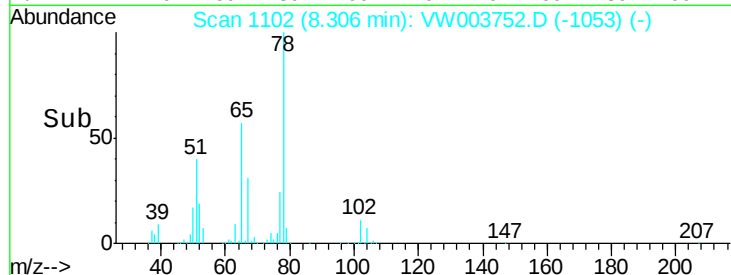
150000

100000

50000

0

Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

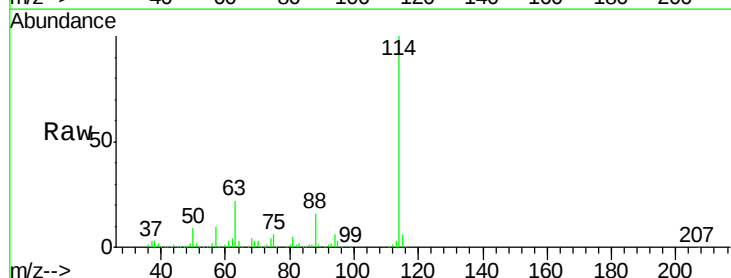
Tgt Ion: 114 Resp: 367194

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

250000

200000

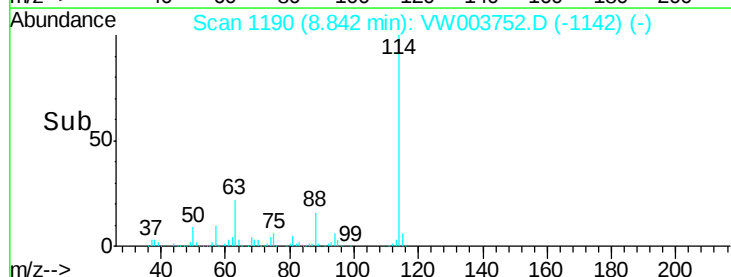
150000

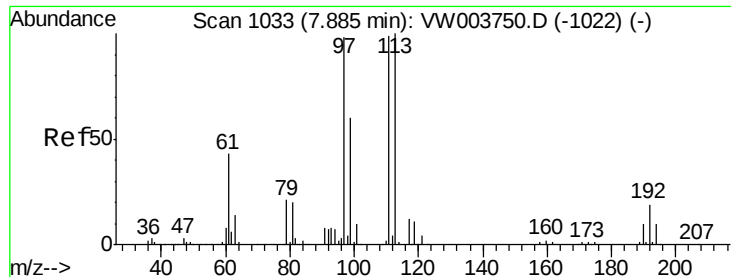
100000

50000

0

Time--> 8.70 8.80 8.90 9.00





#35

Dibromofluoromethane

Concen: 106.760 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

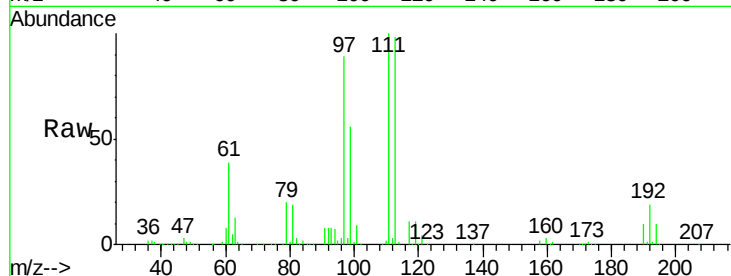
Tgt Ion:113 Resp: 258169

Ion Ratio Lower Upper

113 100

111 102.6 81.7 122.5

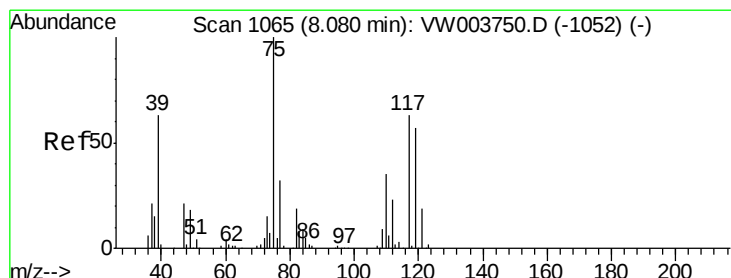
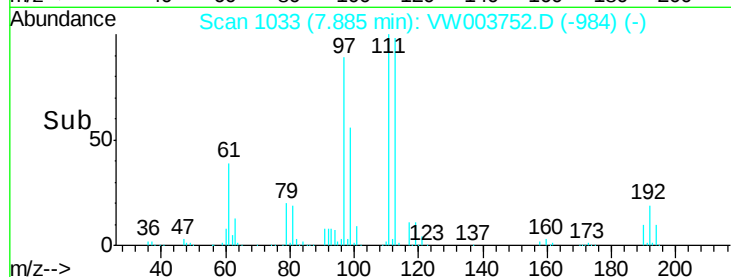
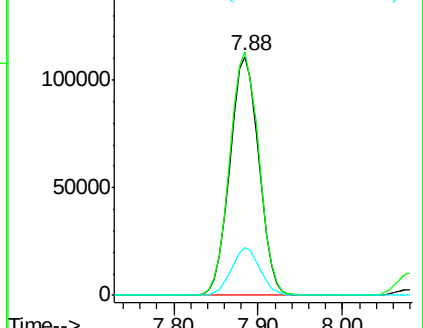
192 19.8 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 103.087 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

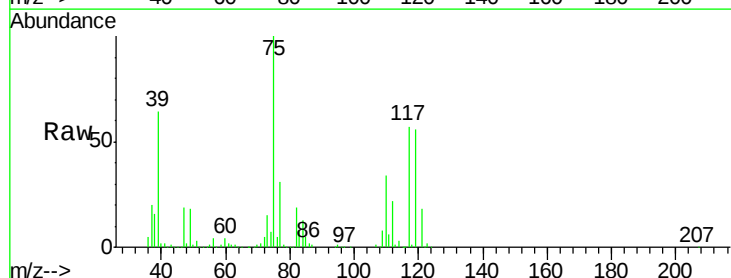
Tgt Ion: 75 Resp: 383270

Ion Ratio Lower Upper

75 100

110 33.6 16.9 50.6

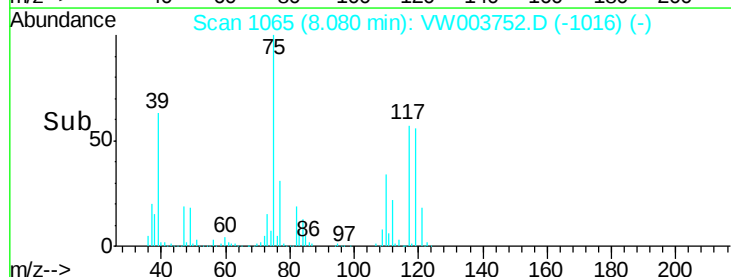
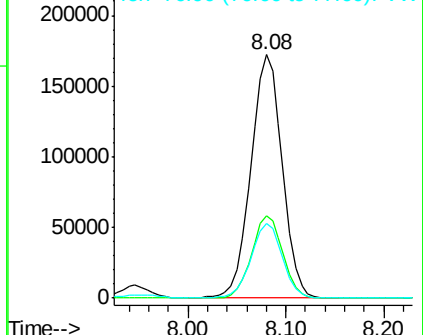
77 30.8 24.8 37.2

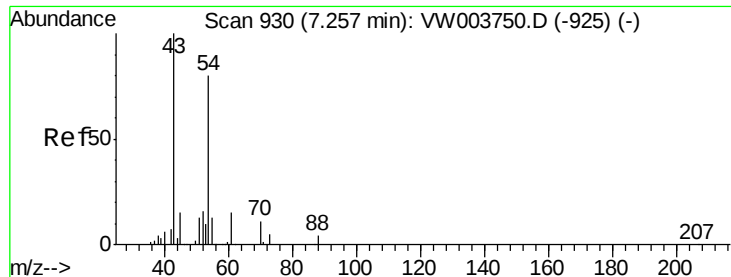


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

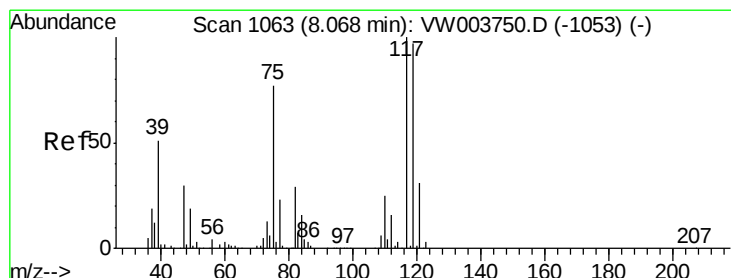
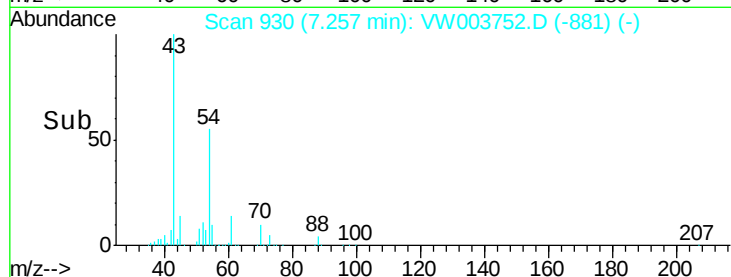
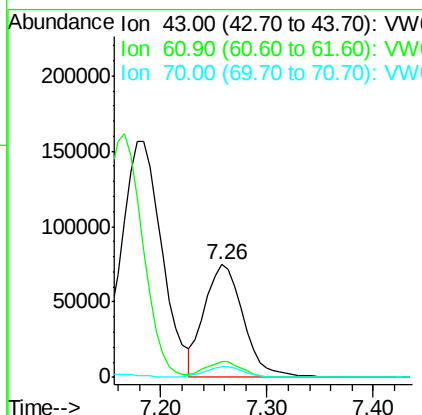
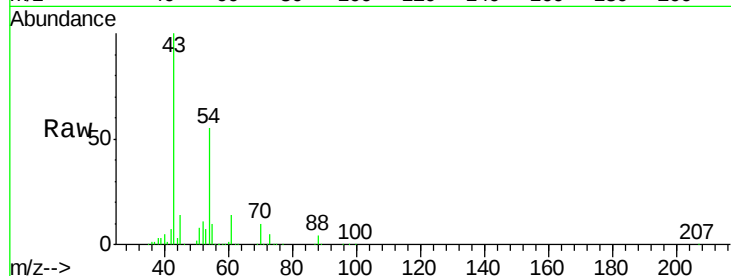




#37
Ethyl Acetate
Concen: 103.026 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

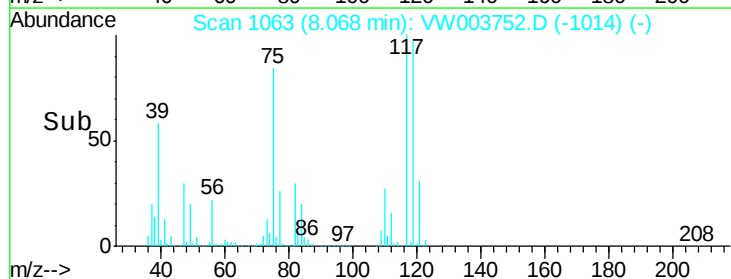
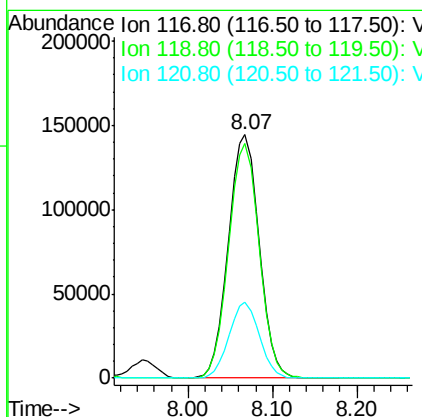
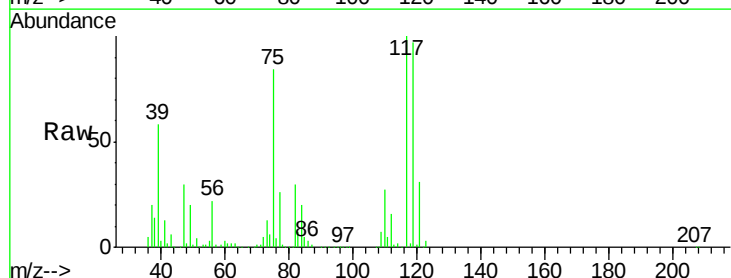
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

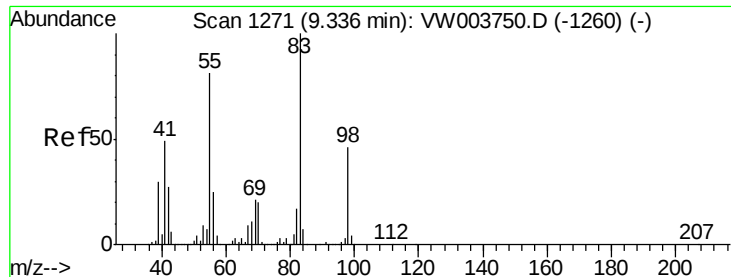
Tgt Ion: 43 Resp: 188031
Ion Ratio Lower Upper
43 100
61 13.9 10.6 15.8
70 9.4 7.5 11.3



#38
Carbon Tetrachloride
Concen: 100.966 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 117 Resp: 356881
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.2
121 30.9 24.6 37.0

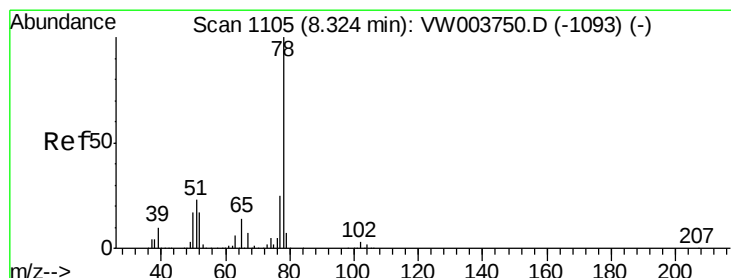
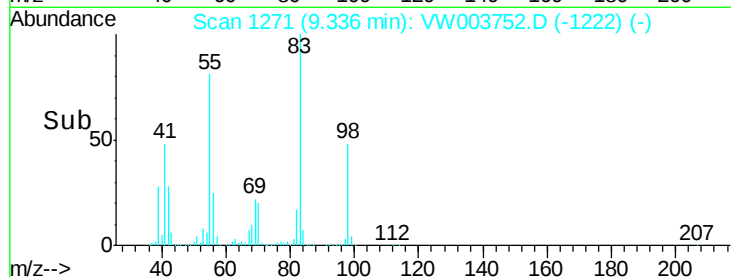
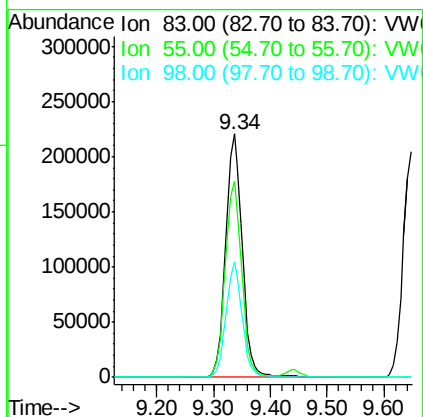
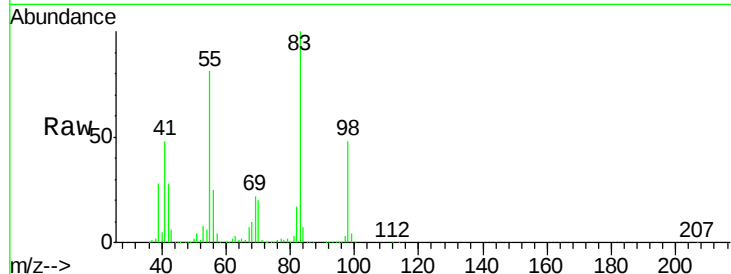




#39
Methylcyclohexane
Concen: 104.929 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

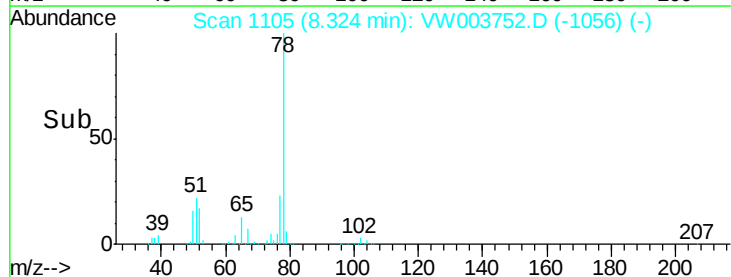
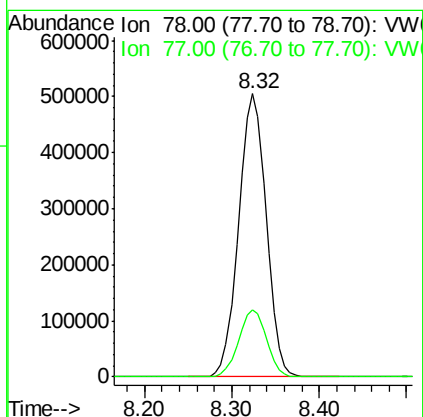
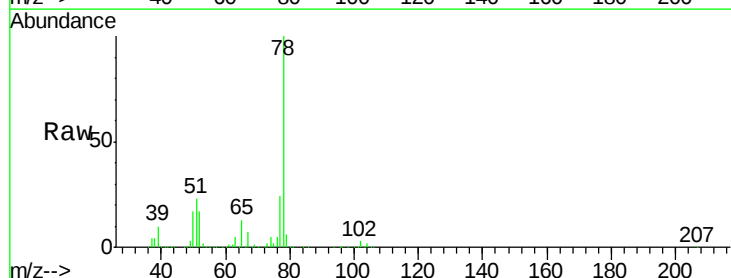
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

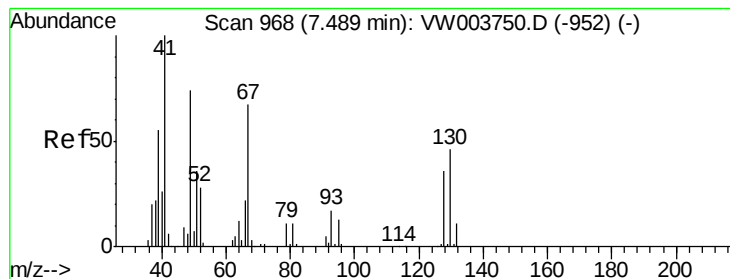
Tgt Ion: 83 Resp: 446627
Ion Ratio Lower Upper
83 100
55 80.7 65.1 97.7
98 47.5 36.7 55.1



#40
Benzene
Concen: 105.179 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 78 Resp: 1102789
Ion Ratio Lower Upper
78 100
77 23.5 19.7 29.5





#41

Methacrylonitrile

Concen: 107.095 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 111512

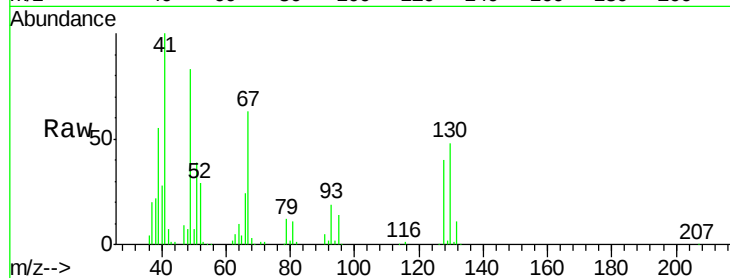
Ion Ratio Lower Upper

41 100

39 61.4 49.5 74.3

67 67.8 53.8 80.8

52 30.7 24.3 36.5

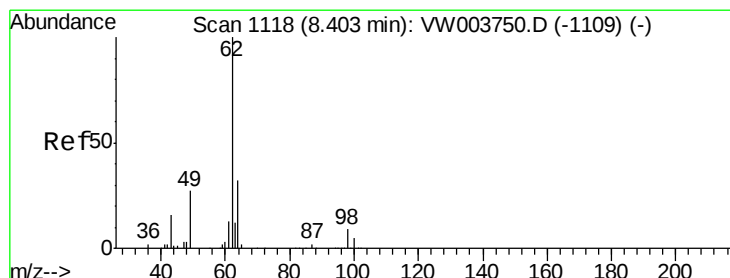
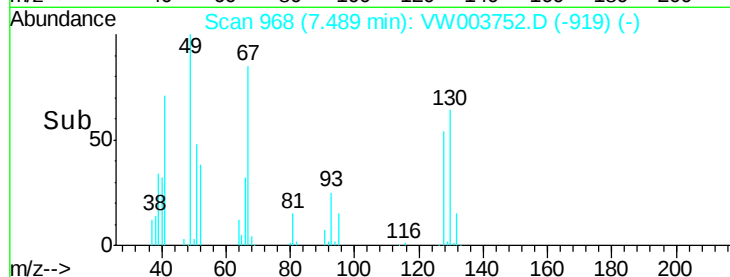
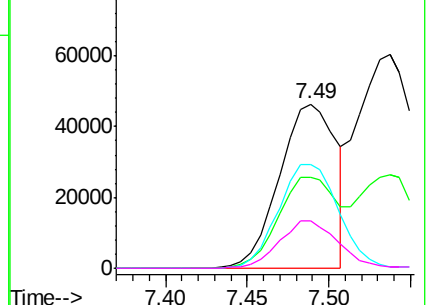


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 102.989 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW003752.D

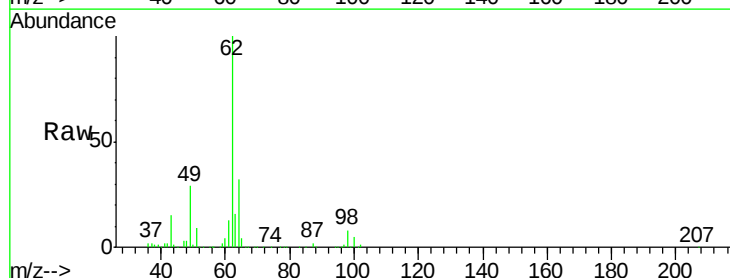
Acq: 07 Jul 2018 00:58

Tgt Ion: 62 Resp: 342296

Ion Ratio Lower Upper

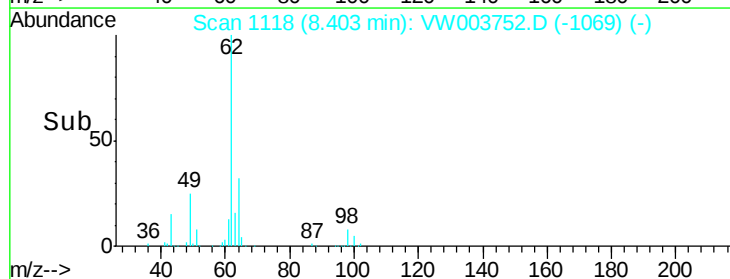
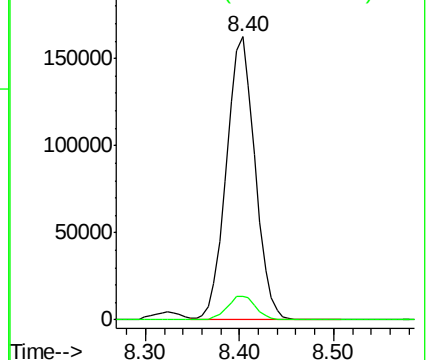
62 100

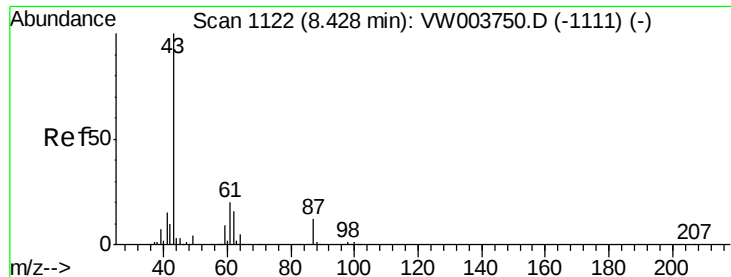
98 8.5 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

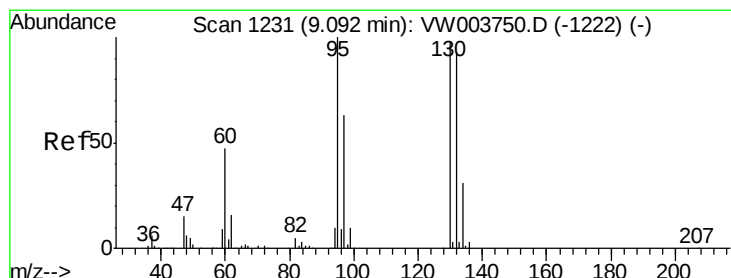
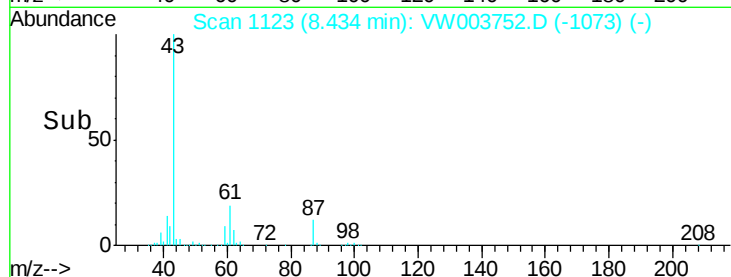
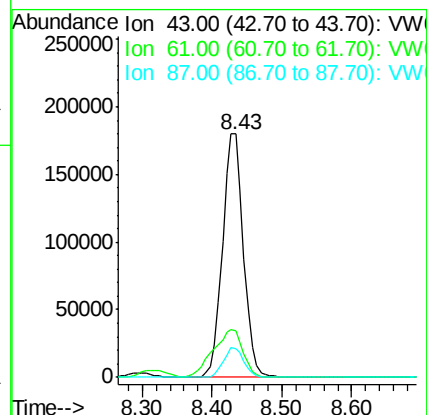
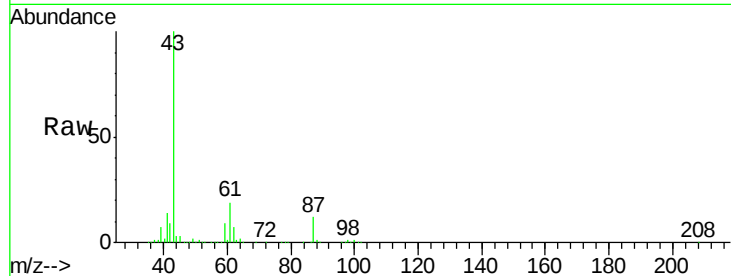




#43
Isopropyl Acetate
Concen: 107.753 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

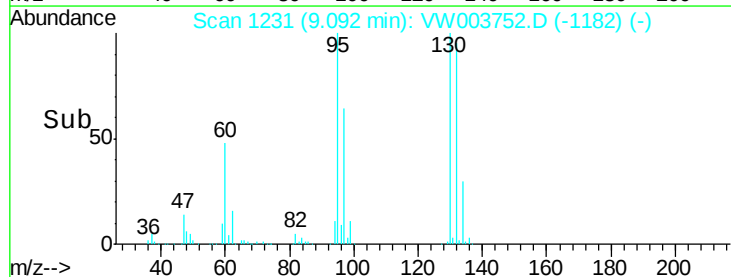
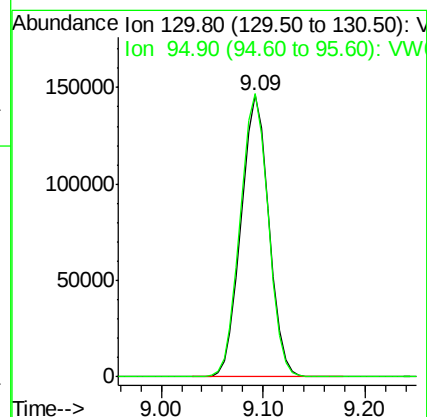
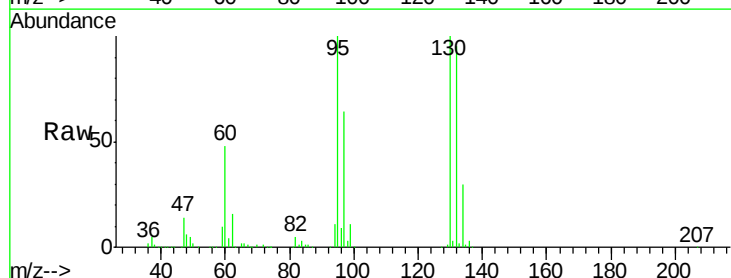
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

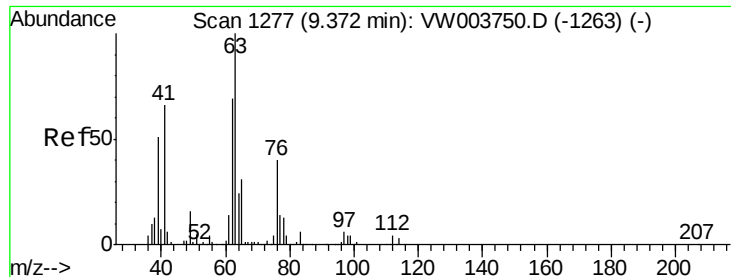
Tgt Ion: 43 Resp: 371997
Ion Ratio Lower Upper
43 100
61 28.1 22.8 34.2
87 12.0 9.5 14.3



#44
Trichloroethene
Concen: 101.959 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 130 Resp: 275842
Ion Ratio Lower Upper
130 100
95 100.4 0.0 203.8

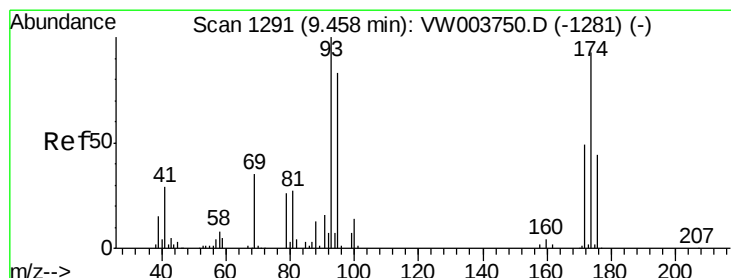
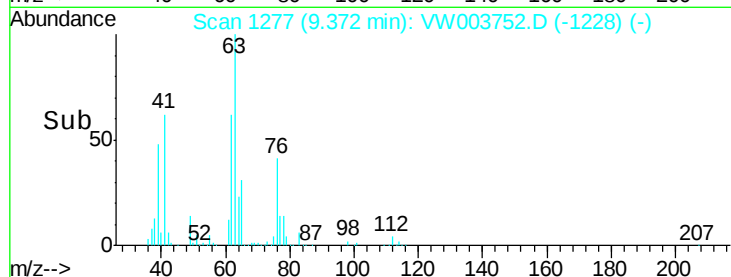
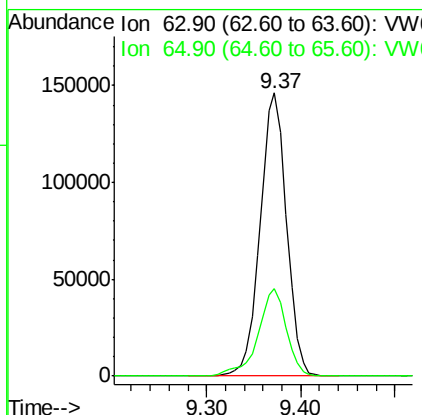
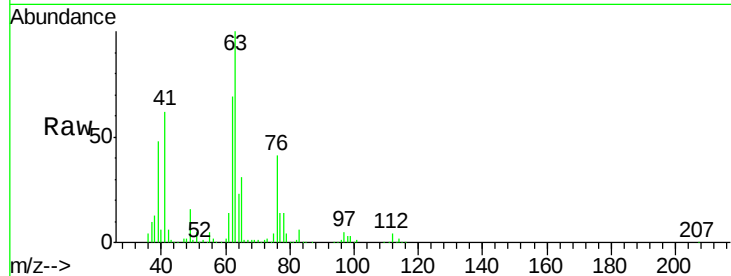




#45
 1,2-Dichloropropane
 Concen: 105.806 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

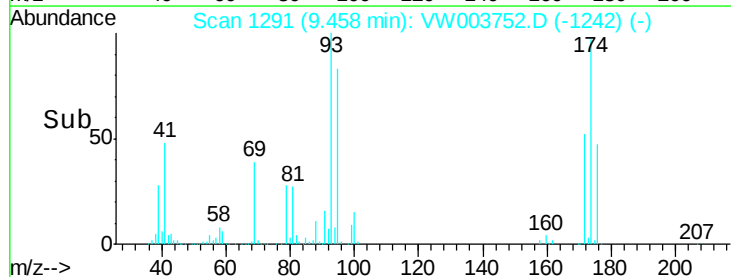
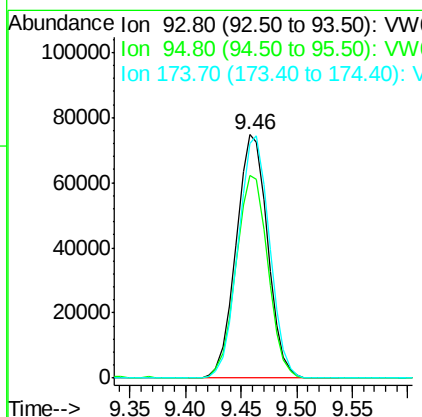
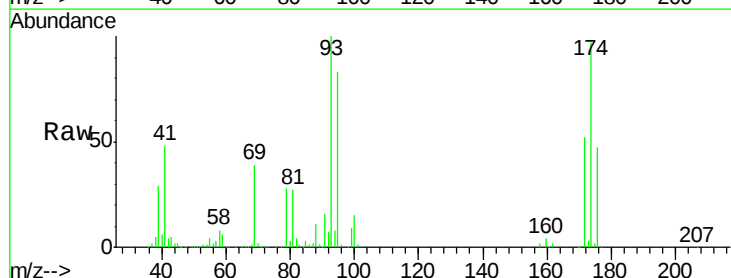
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

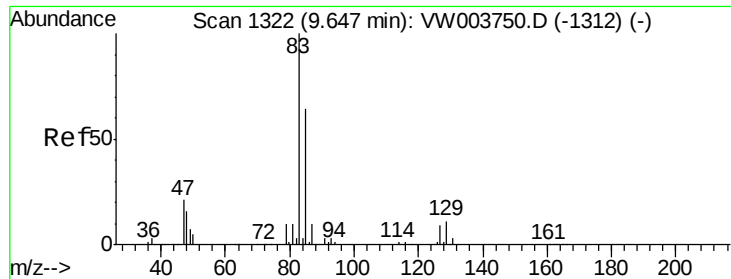
Tgt Ion: 63 Resp: 288482
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 103.108 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion: 93 Resp: 146676
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.2 100.8
 174 99.1 78.1 117.1





#47

Bromodichloromethane

Concen: 106.182 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

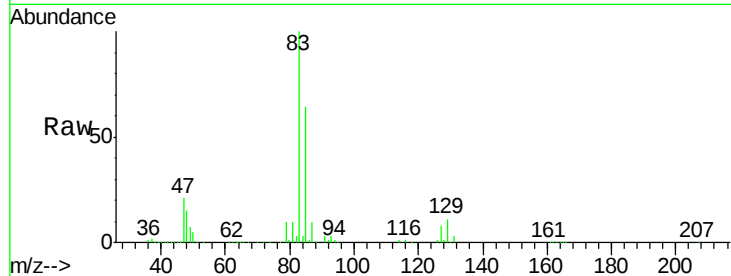
Tgt Ion: 83 Resp: 371801

Ion Ratio Lower Upper

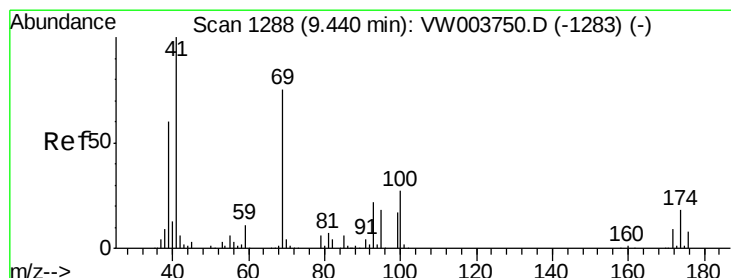
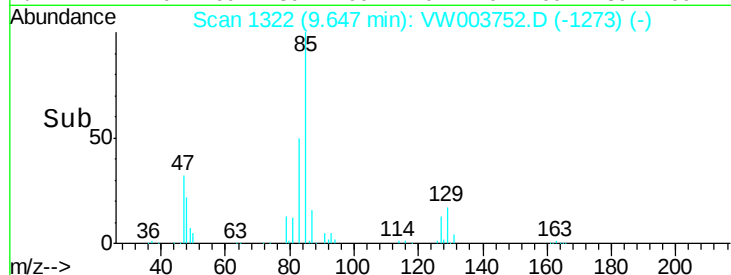
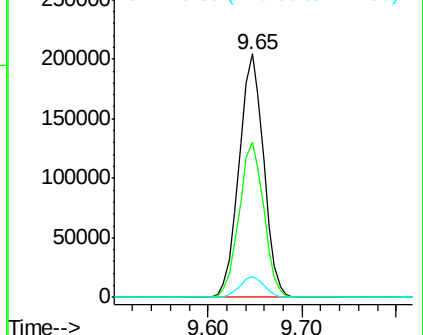
83 100

85 64.0 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: 110.796 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

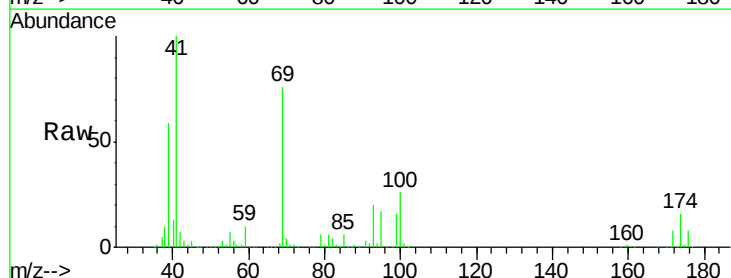
Tgt Ion: 41 Resp: 181854

Ion Ratio Lower Upper

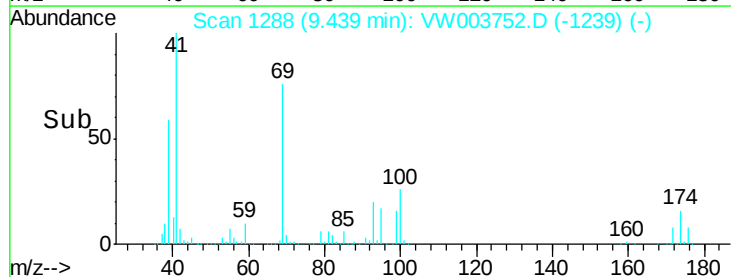
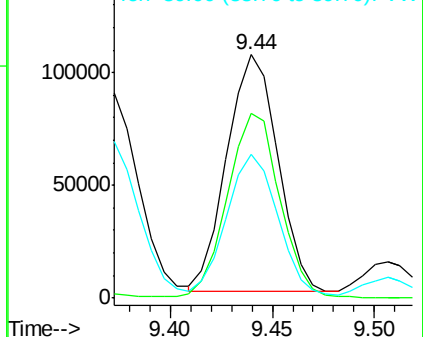
41 100

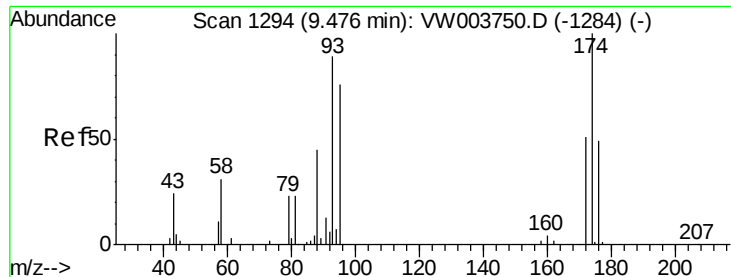
69 80.9 63.8 95.8

39 62.3 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: 2128.703 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

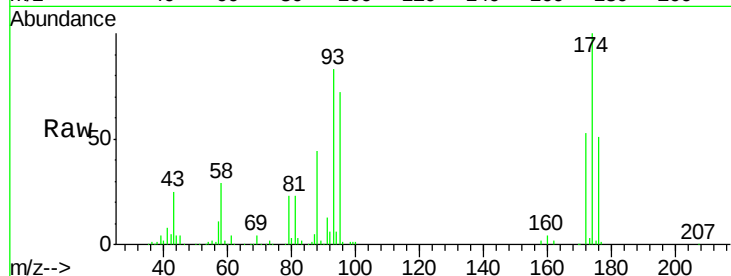
Tgt Ion: 88 Resp: 47175

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

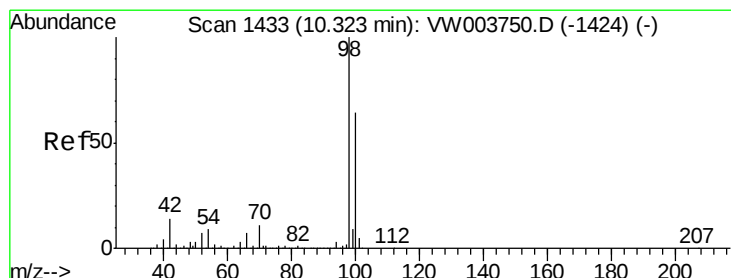
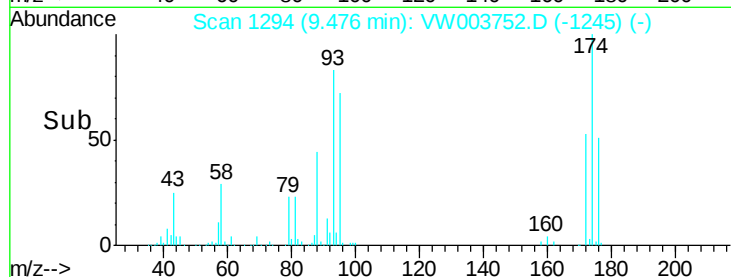
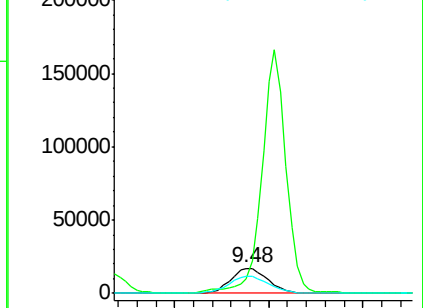
58 74.4 59.7 89.5



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: 107.448 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW003752.D

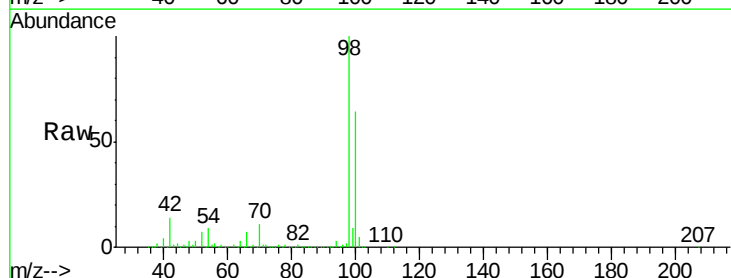
Acq: 07 Jul 2018 00:58

Tgt Ion: 98 Resp: 1017395

Ion Ratio Lower Upper

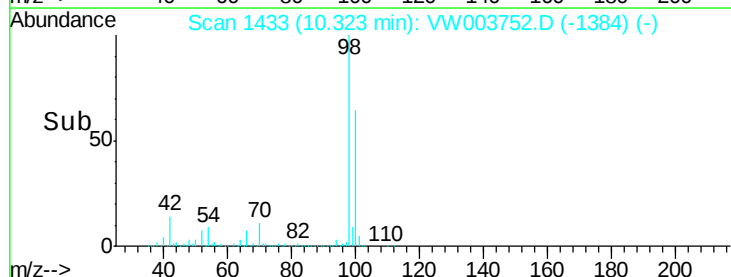
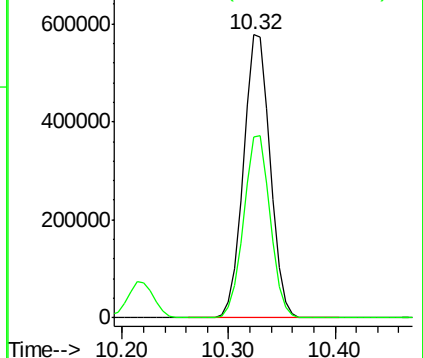
98 100

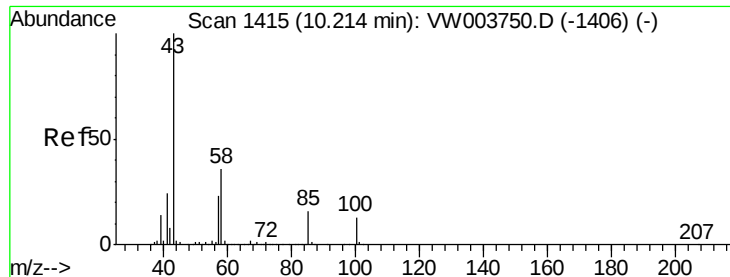
100 64.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

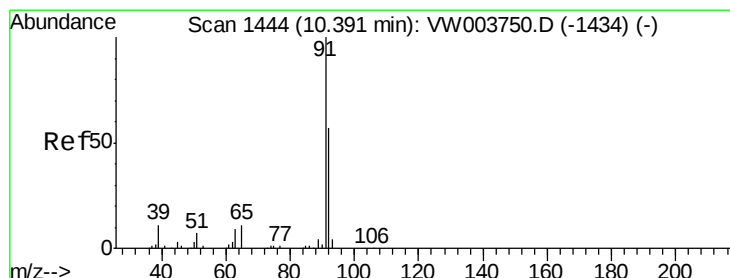
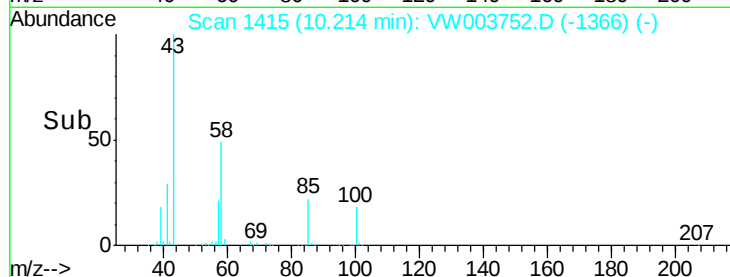
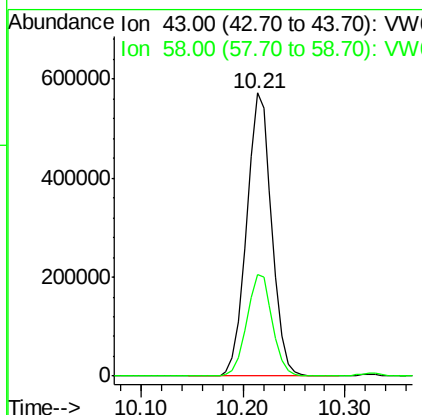
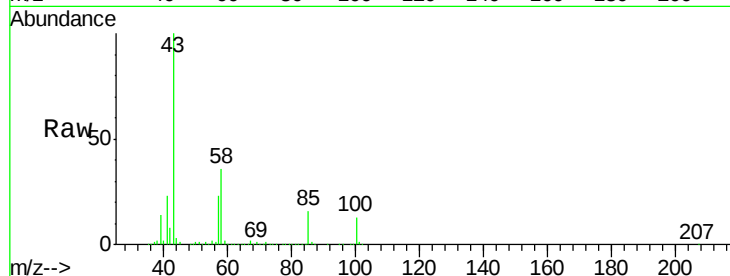




#51
 4-Methyl-2-Pentanone
 Concen: 534.971 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

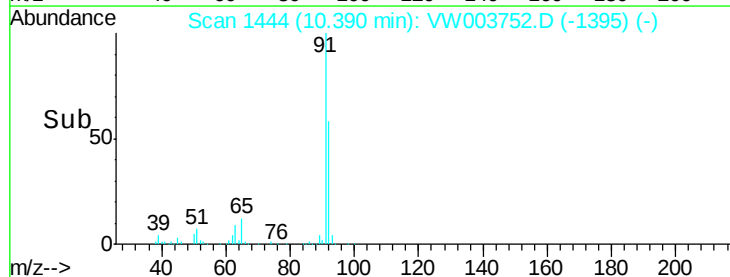
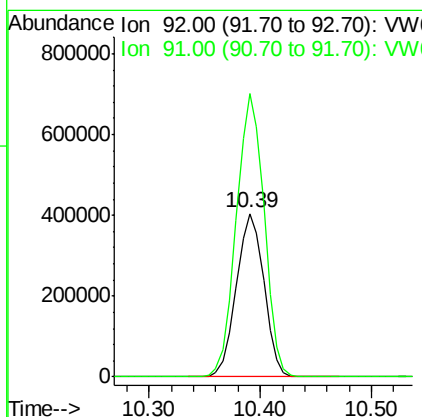
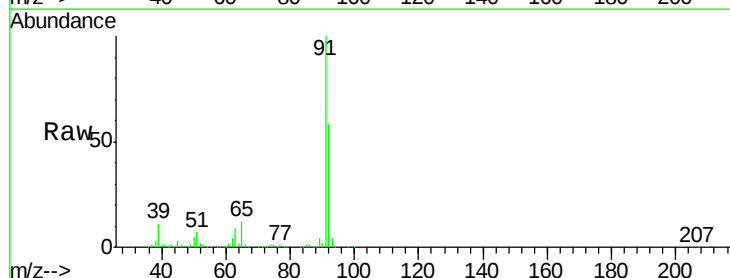
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

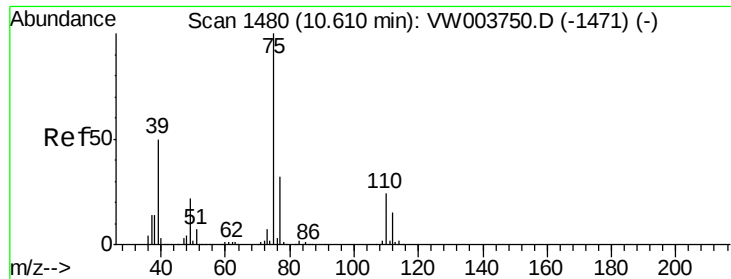
Tgt Ion: 43 Resp: 976155
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.3 43.9



#52
 Toluene
 Concen: 106.543 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion: 92 Resp: 696080
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 107.732 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampled :

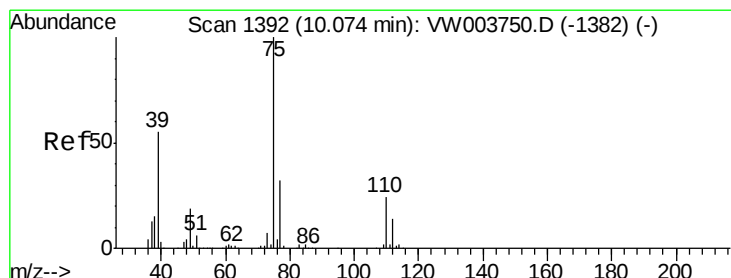
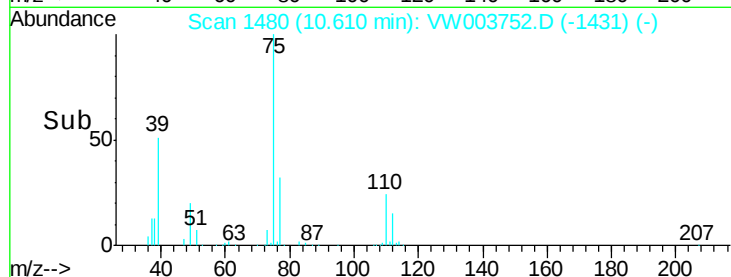
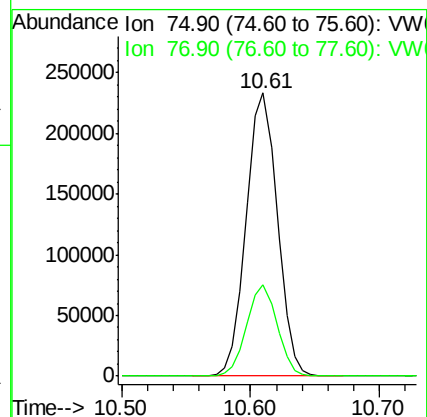
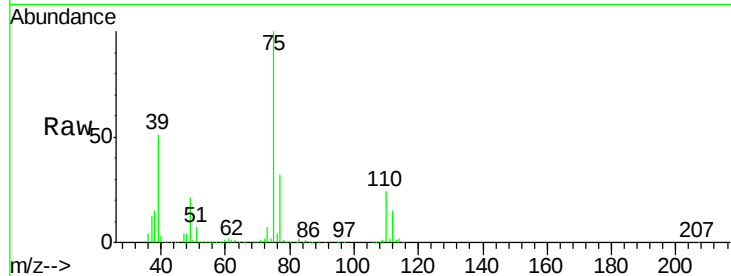
VSTDIC100

Tgt Ion: 75 Resp: 390223

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 107.338 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

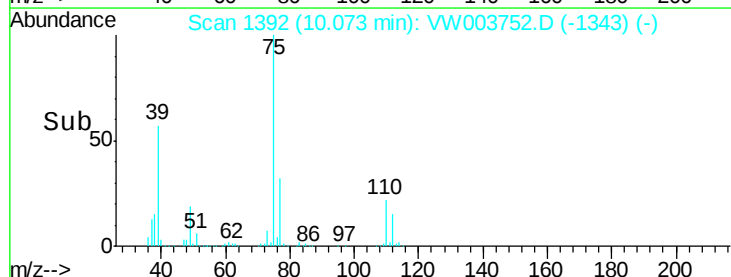
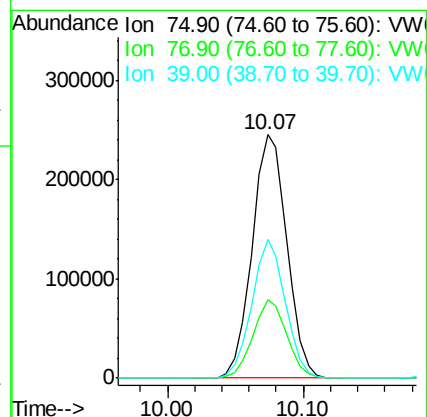
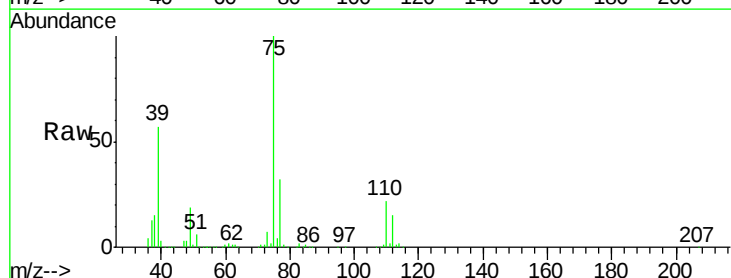
Tgt Ion: 75 Resp: 439518

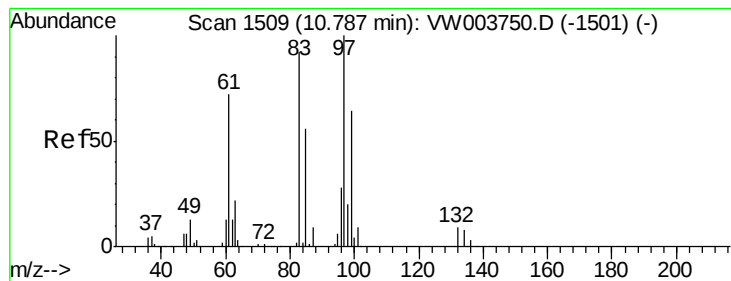
Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

39 56.7 43.6 65.4





#55

1,1,2-Trichloroethane

Concen: 103.458 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 206915

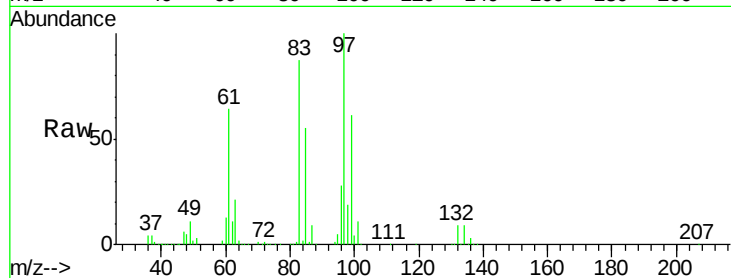
Ion Ratio Lower Upper

97 100

83 86.5 73.8 110.6

85 55.0 45.0 67.4

99 61.1 51.2 76.8

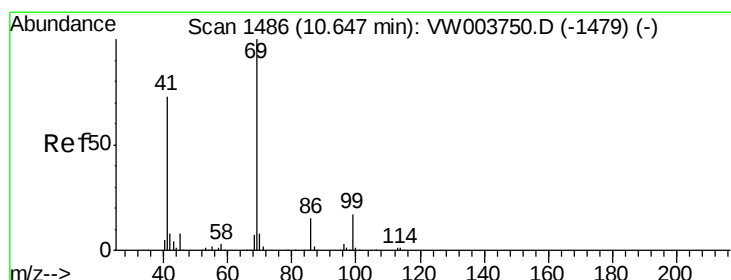
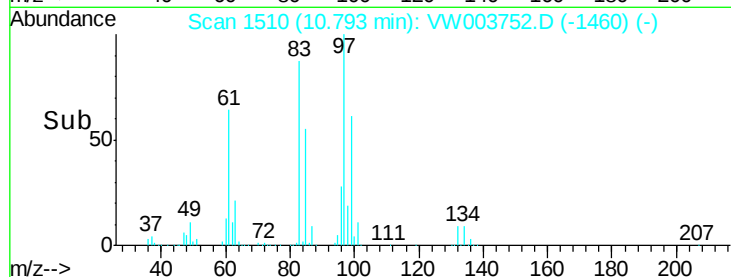
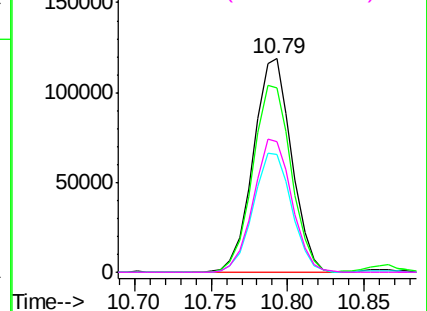


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 114.716 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

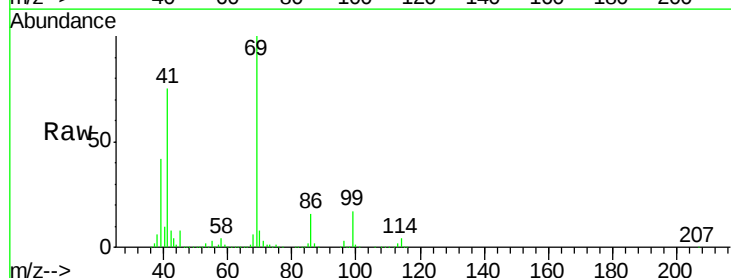
Tgt Ion: 69 Resp: 288982

Ion Ratio Lower Upper

69 100

41 73.0 59.0 88.4

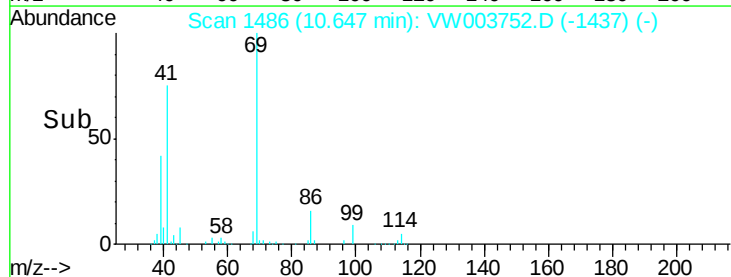
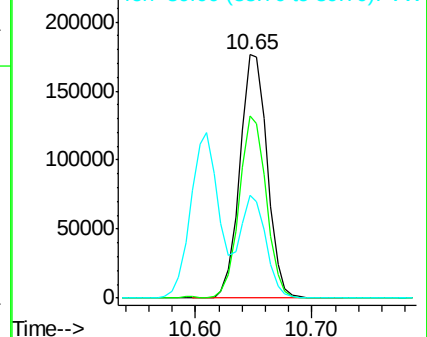
39 40.2 32.8 49.2

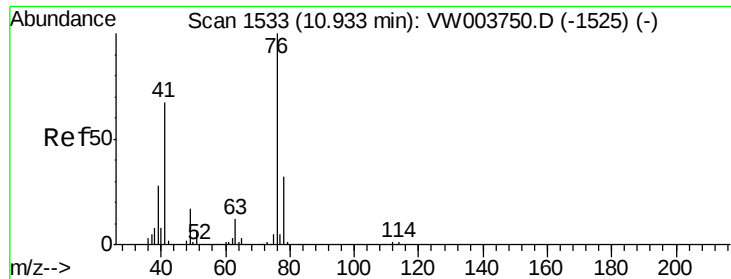


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

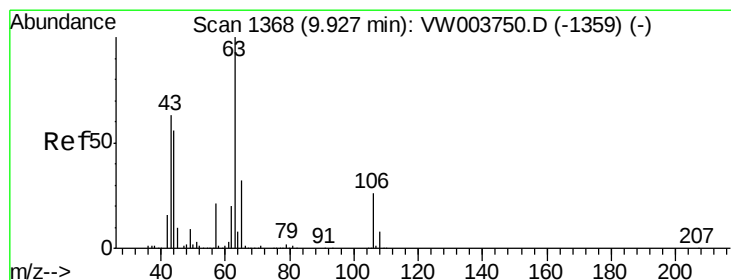
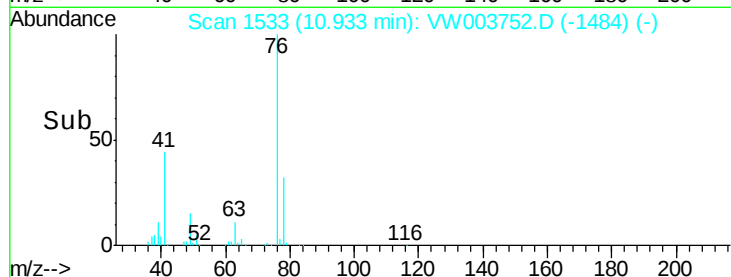
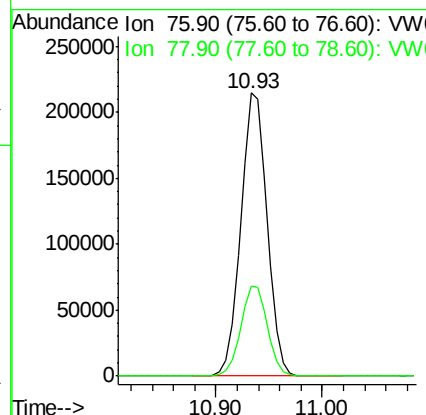
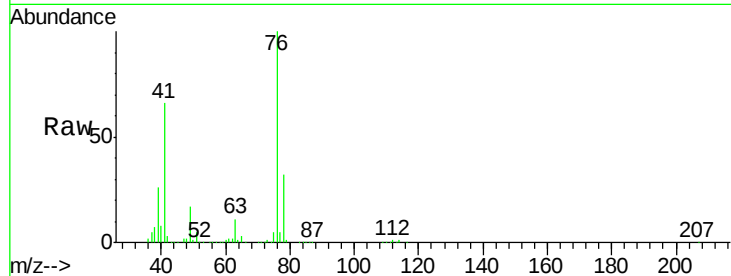




#57
 1,3-Dichloropropane
 Concen: 106.580 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

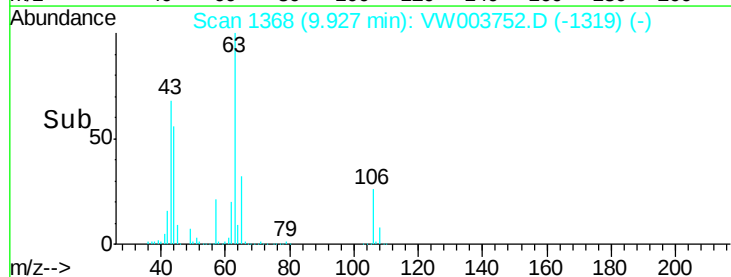
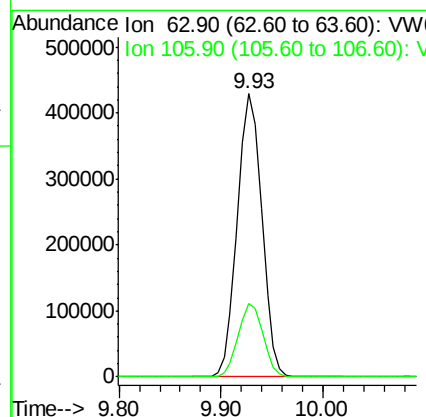
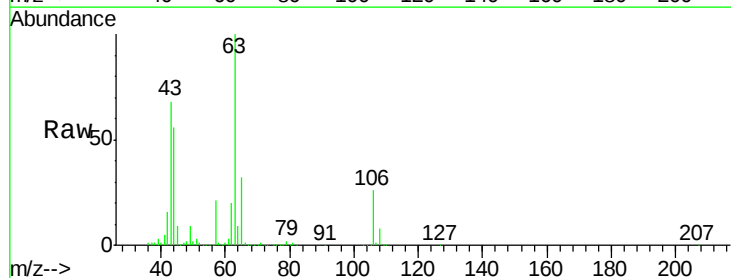
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

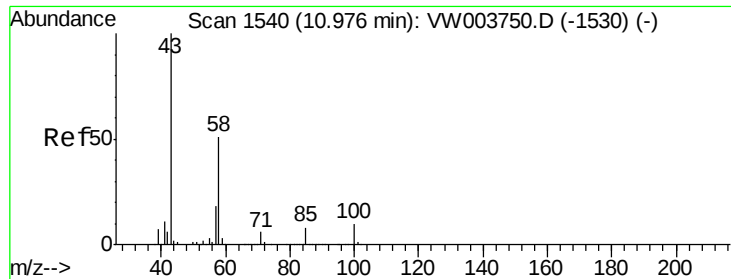
Tgt Ion: 76 Resp: 370933
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 637.802 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion: 63 Resp: 713779
 Ion Ratio Lower Upper
 63 100
 106 26.0 20.9 31.3

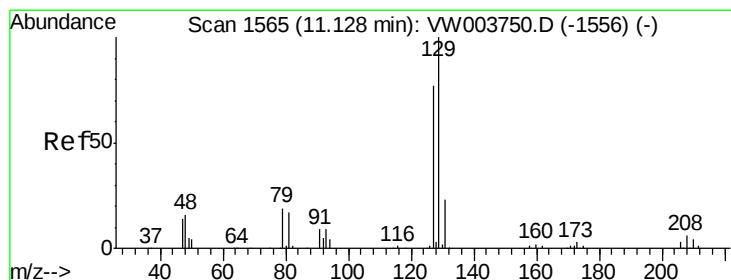
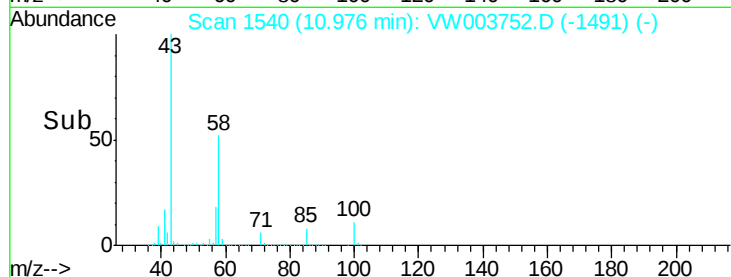
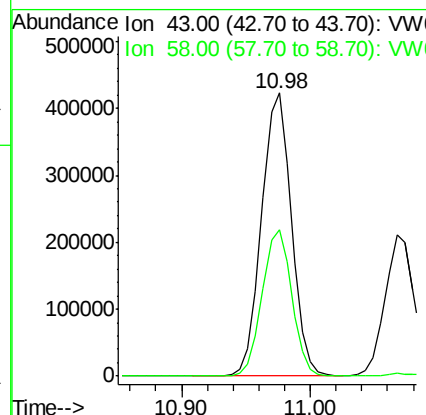
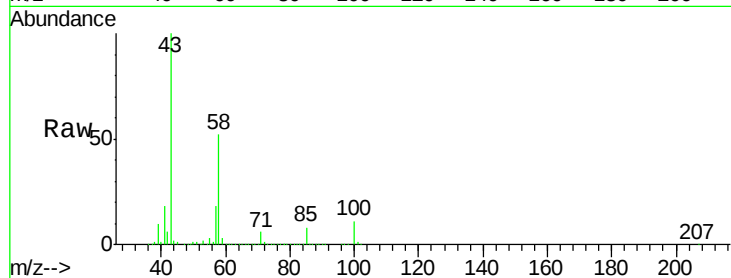




#59
2-Hexanone
Concen: 521.053 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

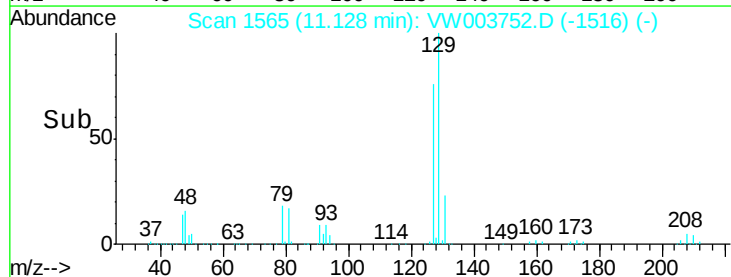
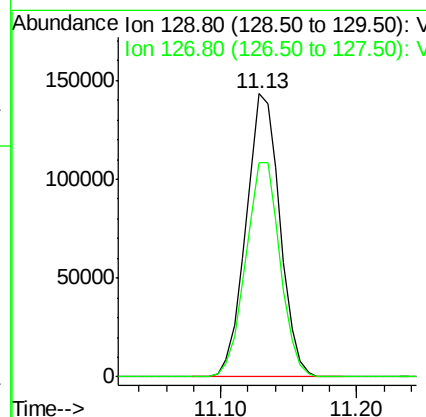
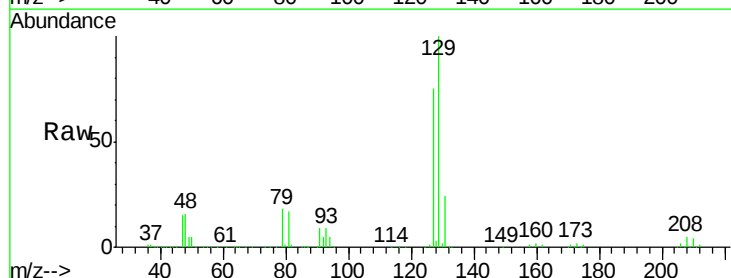
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

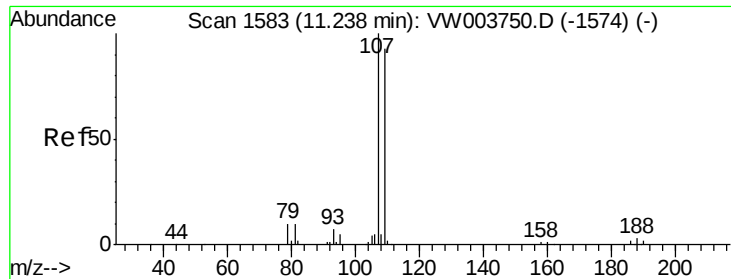
Tgt Ion: 43 Resp: 676693
Ion Ratio Lower Upper
43 100
58 51.3 25.4 76.2



#60
Dibromochloromethane
Concen: 106.334 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 129 Resp: 249152
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

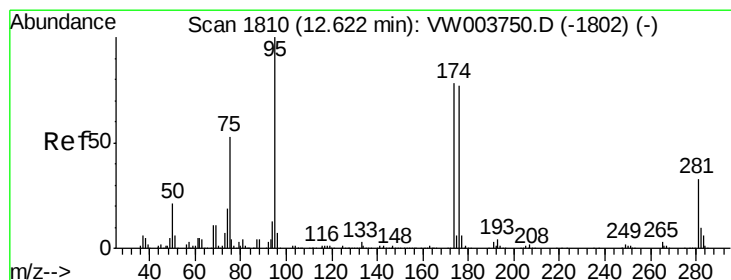
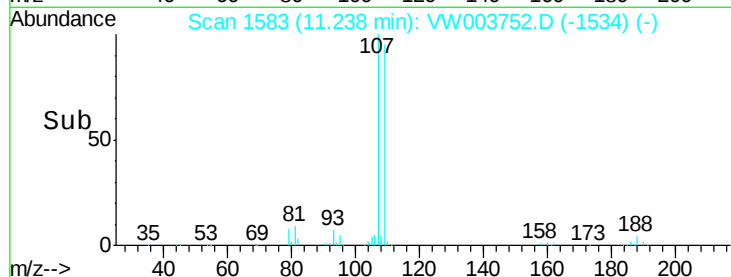
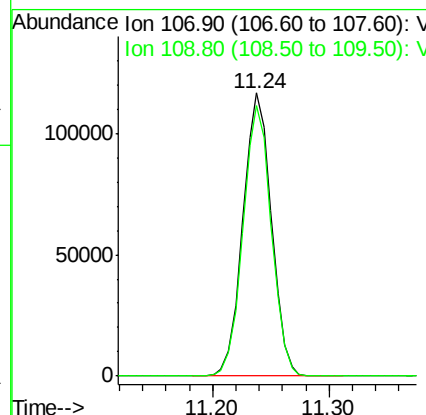
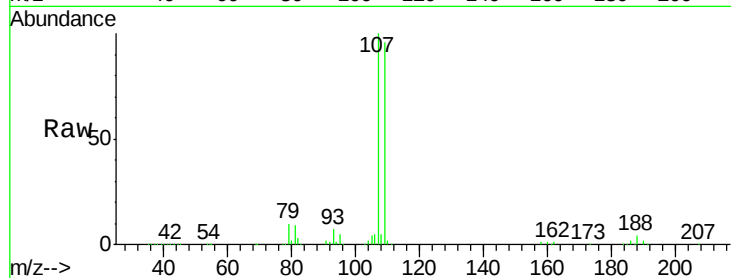




#61
 1,2-Dibromoethane
 Concen: 103.529 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

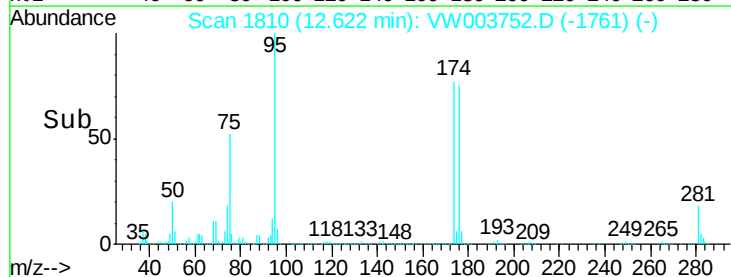
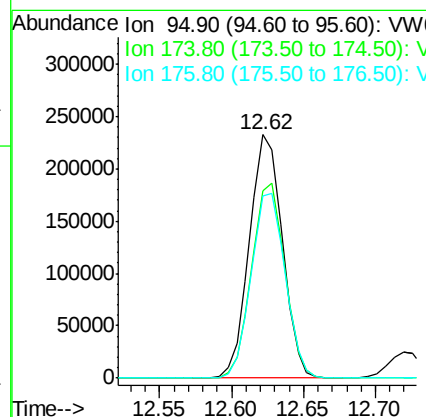
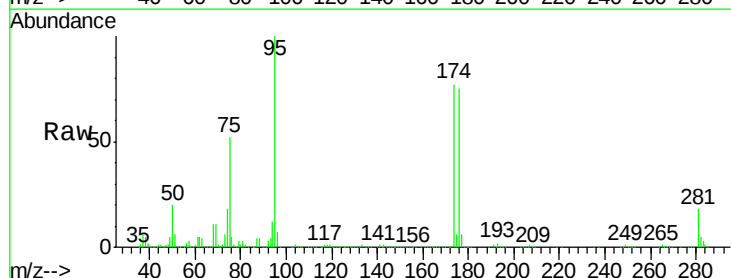
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

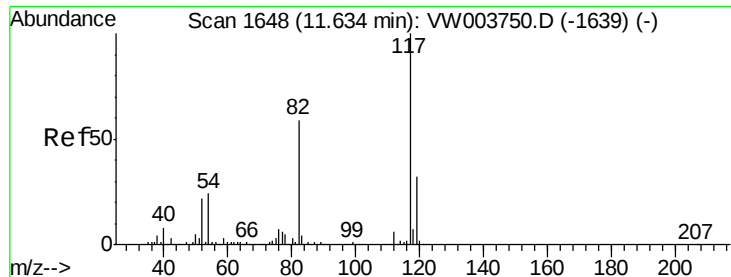
Tgt Ion: 107 Resp: 198926
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 108.242 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion: 95 Resp: 368331
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 163.4
 176 78.1 0.0 156.8

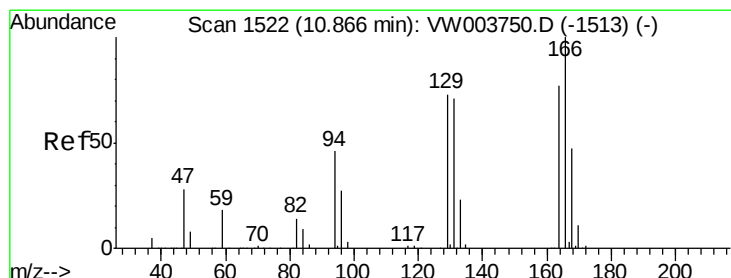
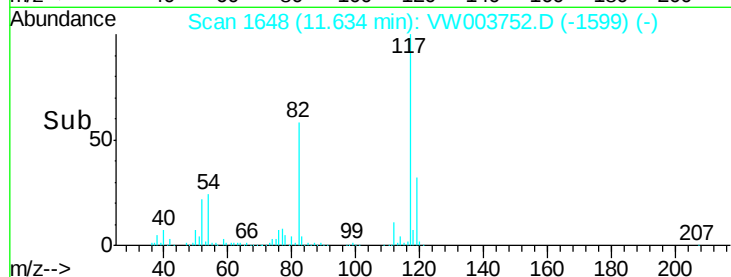
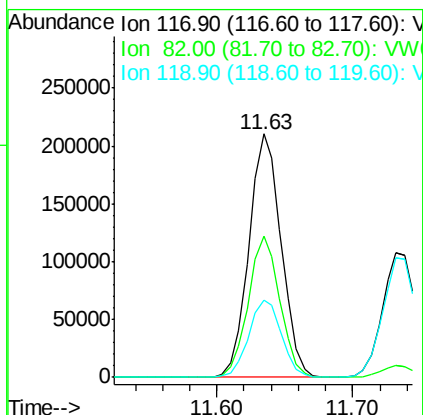
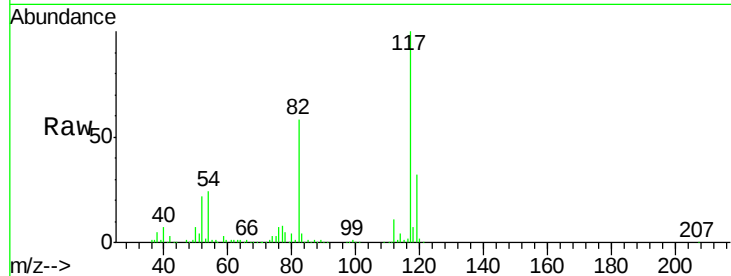




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

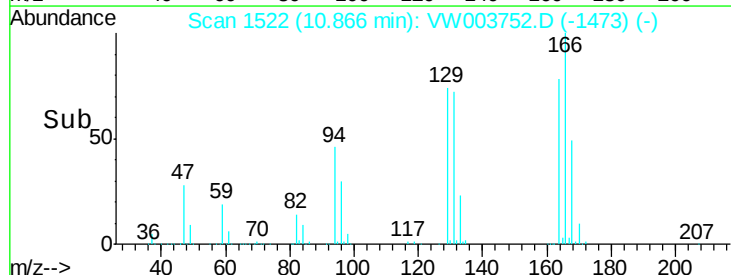
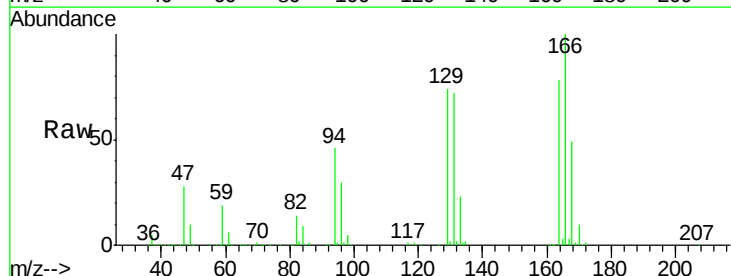
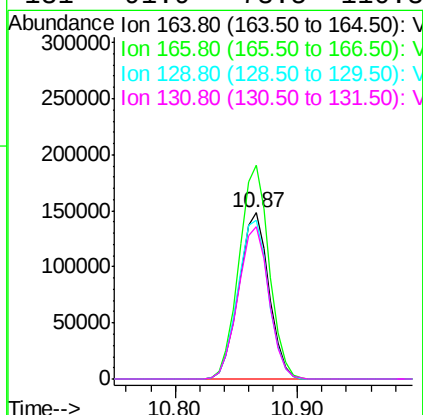
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

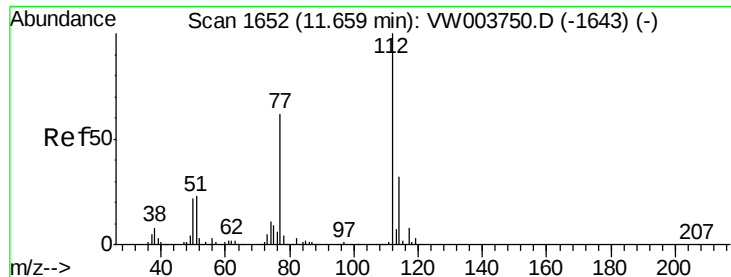
Tgt Ion:117 Resp: 349287
Ion Ratio Lower Upper
117 100
82 57.9 46.9 70.3
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 104.956 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion:164 Resp: 252336
Ion Ratio Lower Upper
164 100
166 128.6 104.2 156.4
129 95.5 75.8 113.8
131 91.9 73.5 110.3

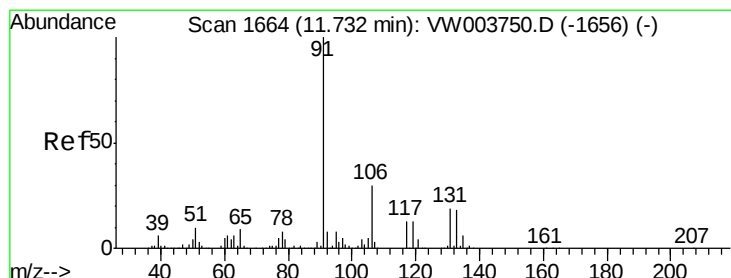
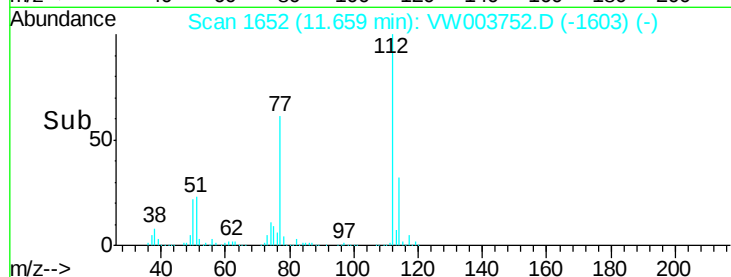
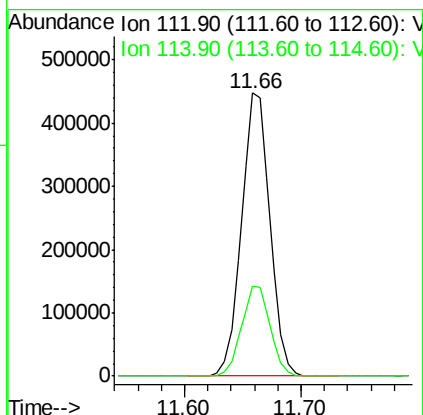
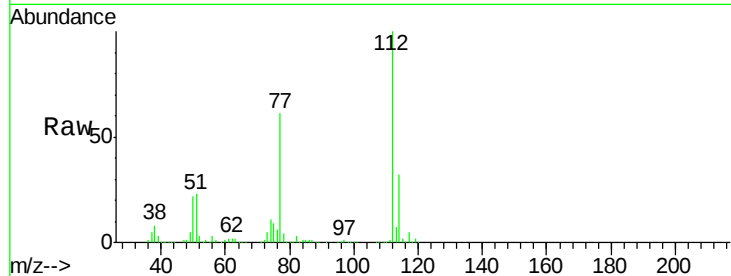




#65
Chlorobenzene
Concen: 102.408 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

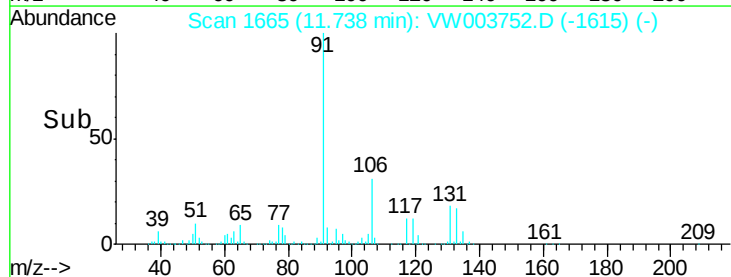
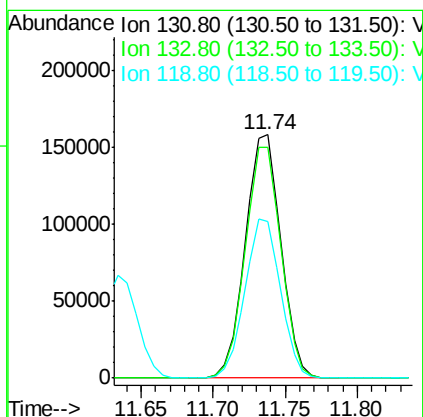
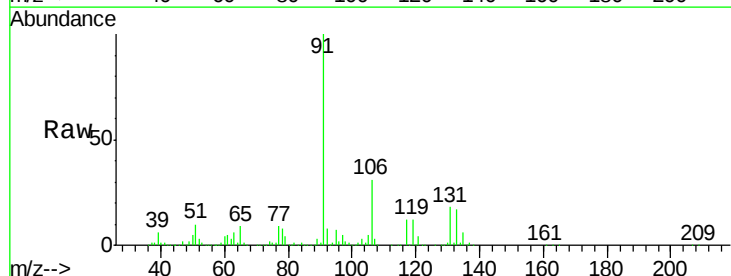
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

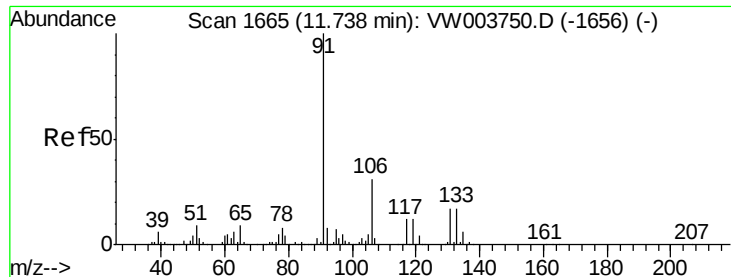
Tgt Ion:112 Resp: 758880
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 104.443 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion:131 Resp: 270119
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.2
119 65.3 33.2 99.6

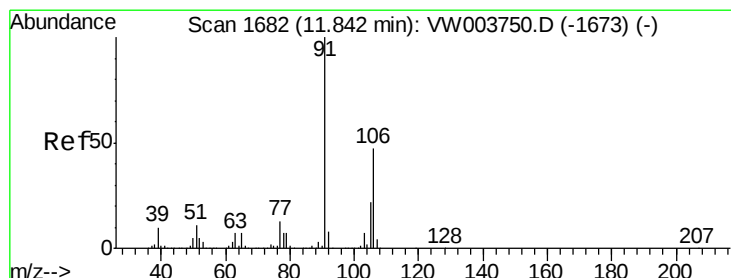
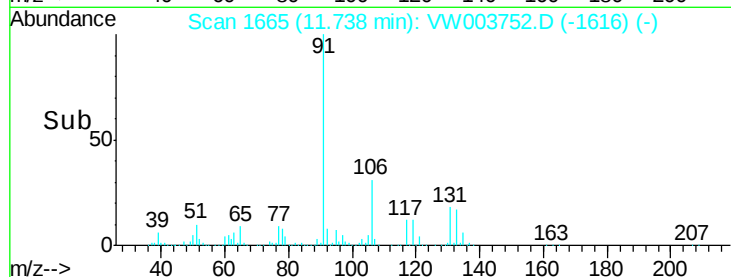
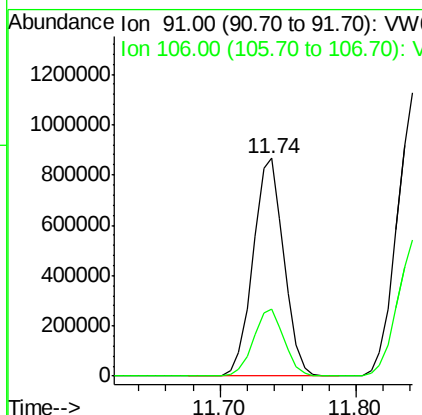
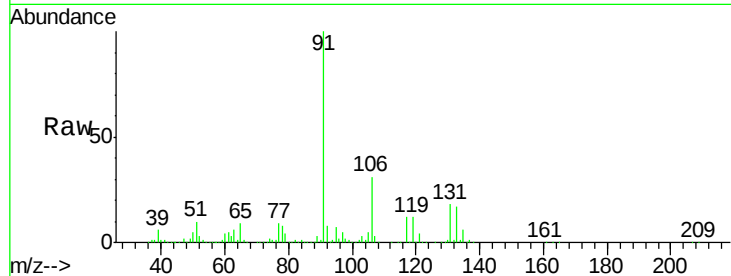




#67
Ethyl Benzene
Concen: 106.381 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

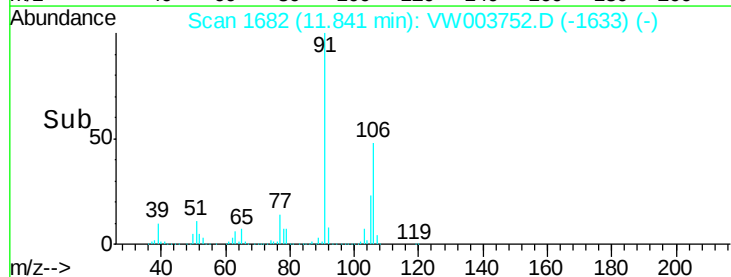
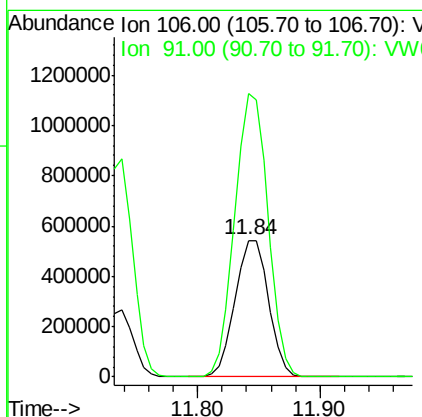
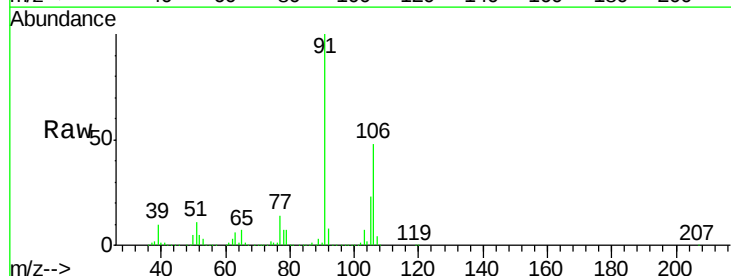
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

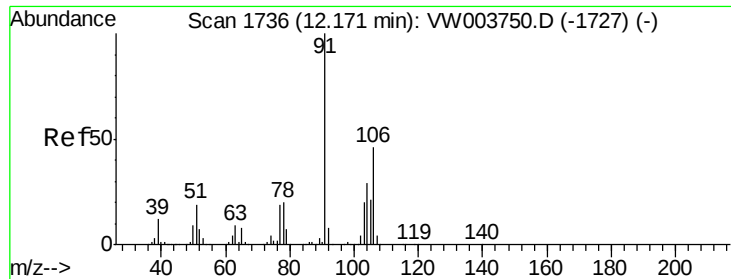
Tgt Ion: 91 Resp: 1376295
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 209.277 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 106 Resp: 1031739
Ion Ratio Lower Upper
106 100
91 206.1 164.3 246.5

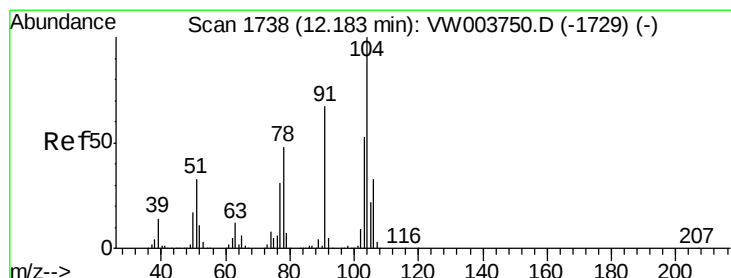
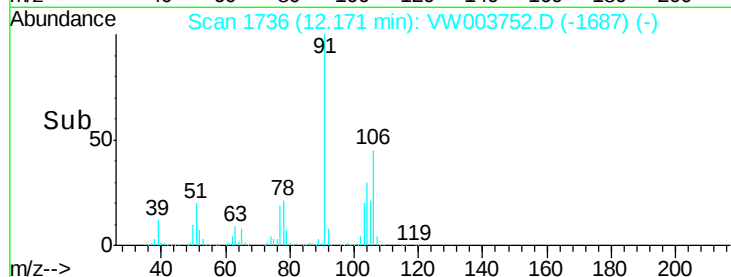
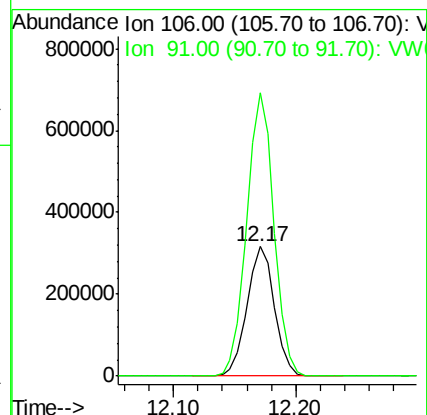
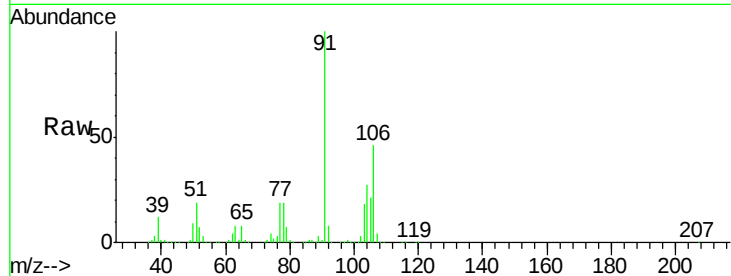




#69
o-Xylene
Concen: 107.450 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

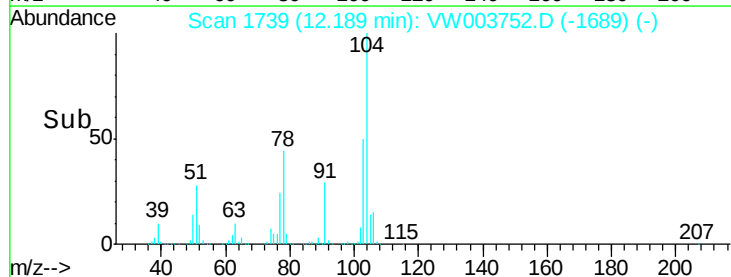
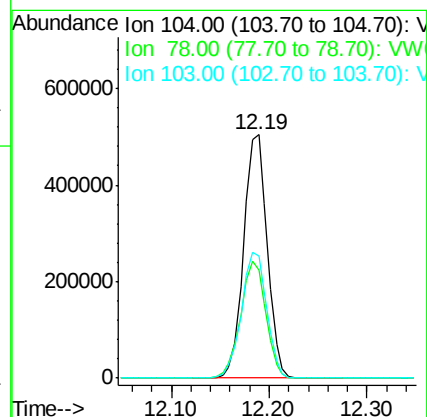
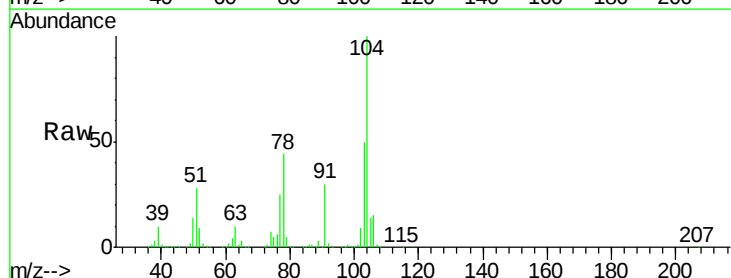
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

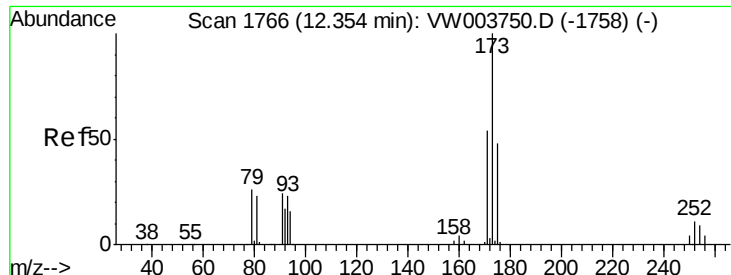
Tgt Ion:106 Resp: 490627
Ion Ratio Lower Upper
106 100
91 217.5 109.1 327.2



#70
Styrene
Concen: 109.681 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion:104 Resp: 841693
Ion Ratio Lower Upper
104 100
78 51.6 41.1 61.7
103 55.5 44.6 67.0





#71

Bromoform

Concen: 104.520 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

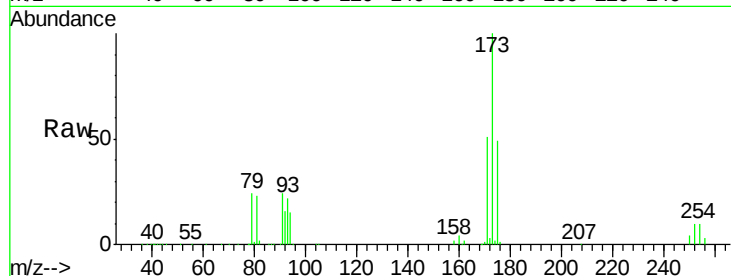
Tgt Ion:173 Resp: 151422

Ion Ratio Lower Upper

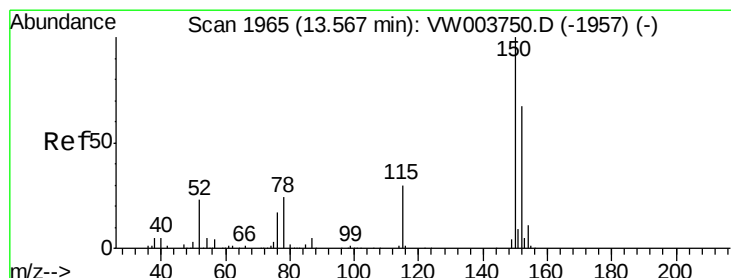
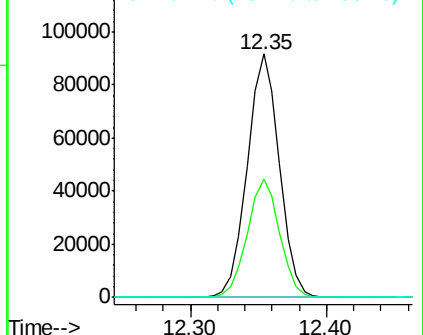
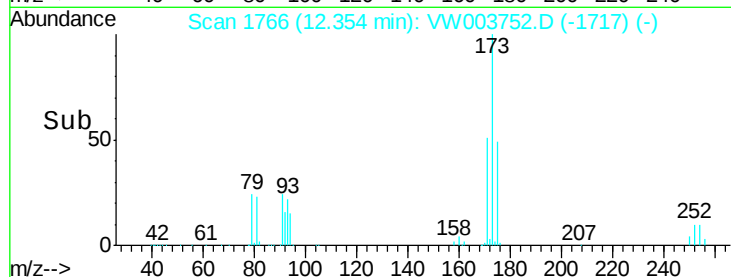
173 100

175 48.8 24.1 72.4

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

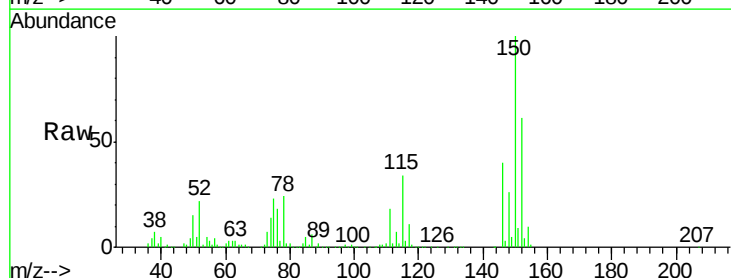
Tgt Ion:152 Resp: 181656

Ion Ratio Lower Upper

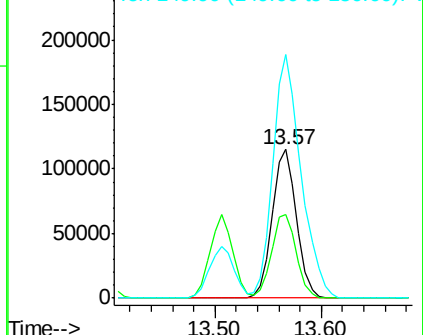
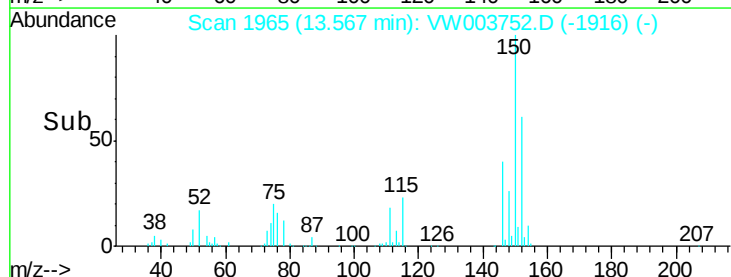
152 100

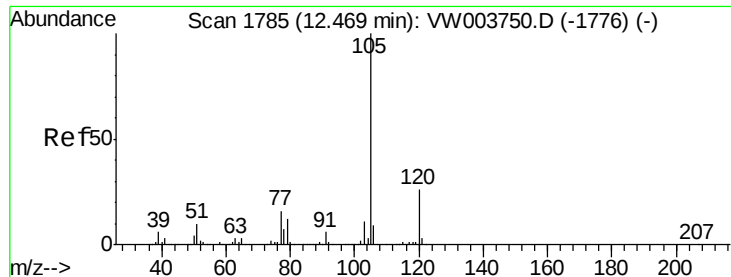
115 57.5 28.9 86.8

150 191.0 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: 107.662 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

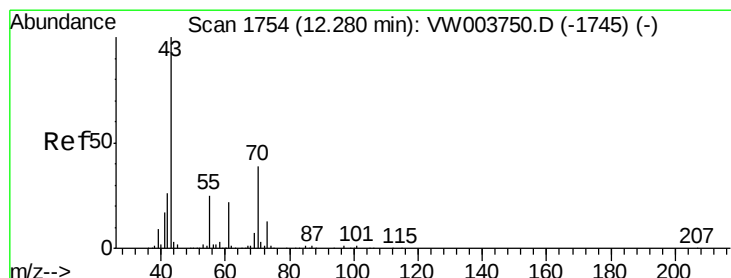
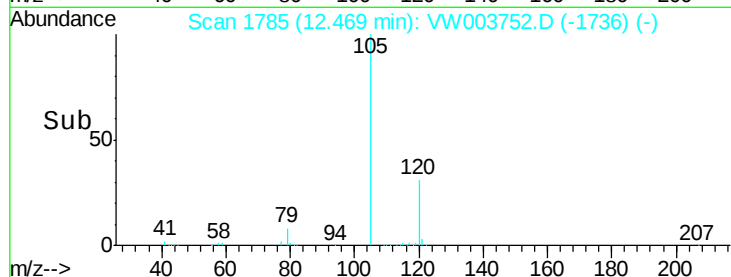
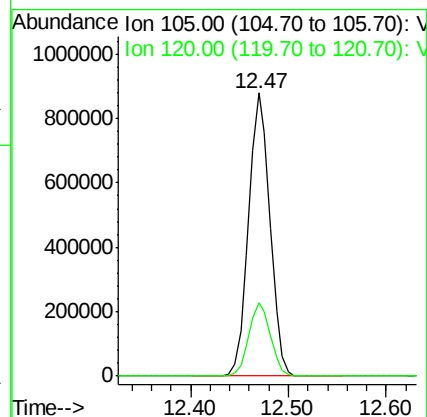
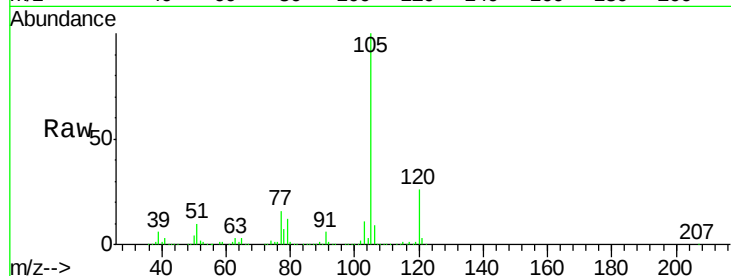
VSTDIC100

Tgt Ion: 105 Resp: 1333053

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 111.662 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion: 43 Resp: 369096

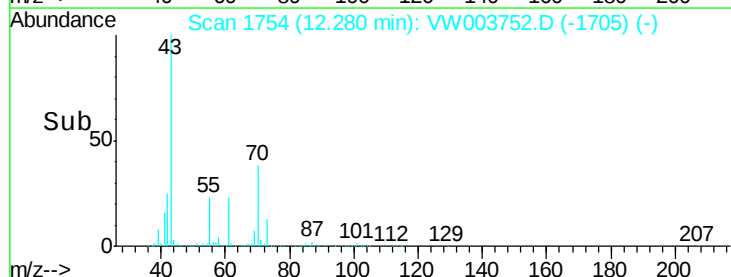
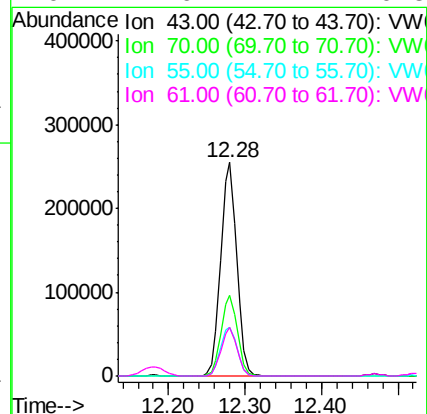
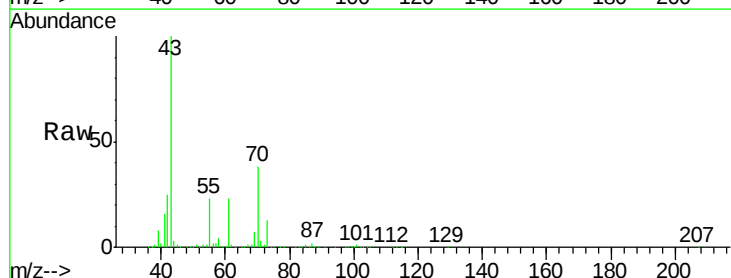
Ion Ratio Lower Upper

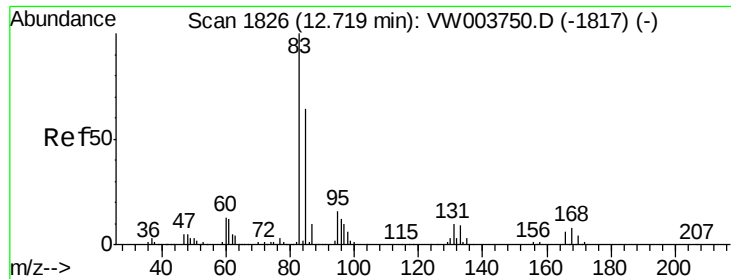
43 100

70 38.3 31.3 46.9

55 24.0 20.1 30.1

61 22.6 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 100.774 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

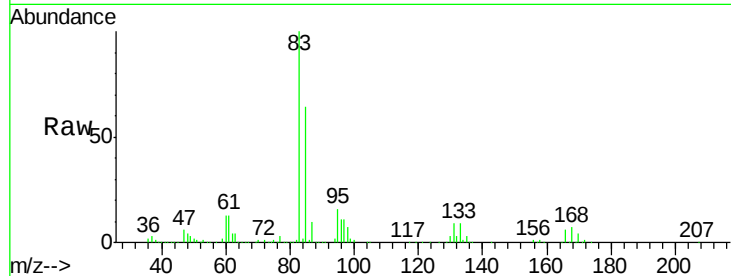
Tgt Ion: 83 Resp: 246946

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

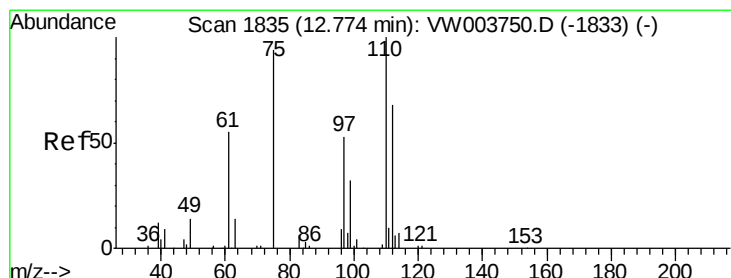
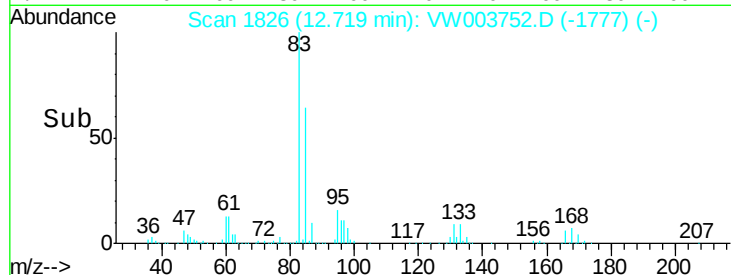
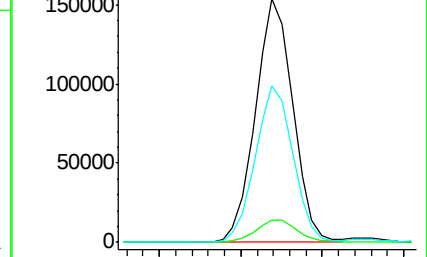
85 64.6 32.1 96.3



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: 203.821 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003752.D

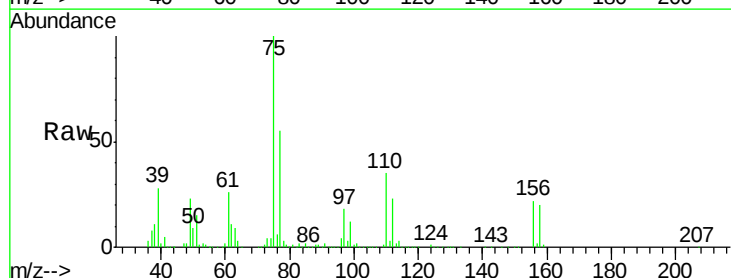
Acq: 07 Jul 2018 00:58

Tgt Ion: 75 Resp: 335059

Ion Ratio Lower Upper

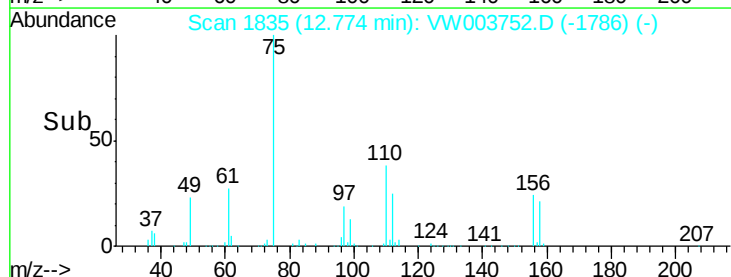
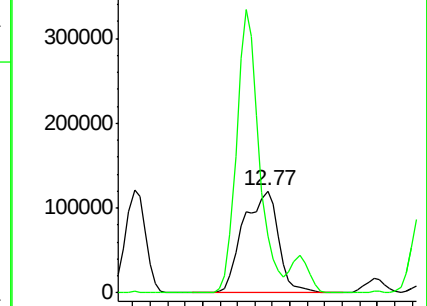
75 100

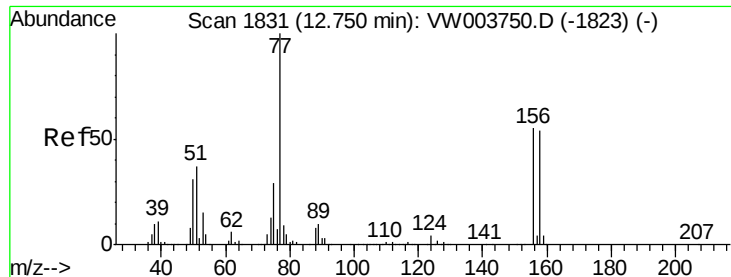
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

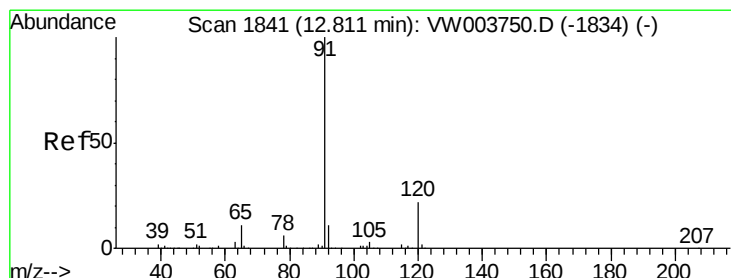
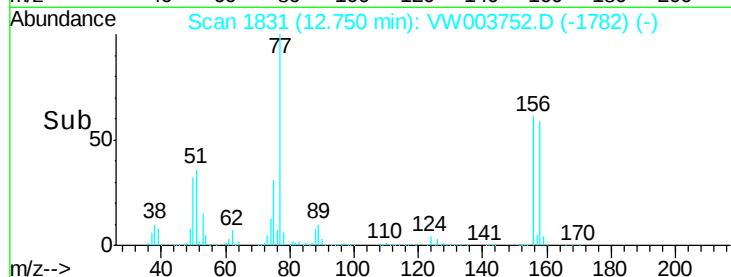
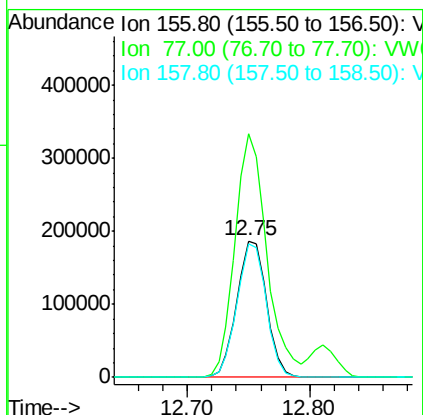
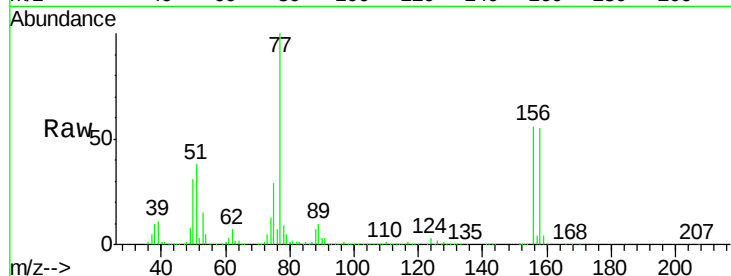




#77
Bromobenzene
Concen: 105.267 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

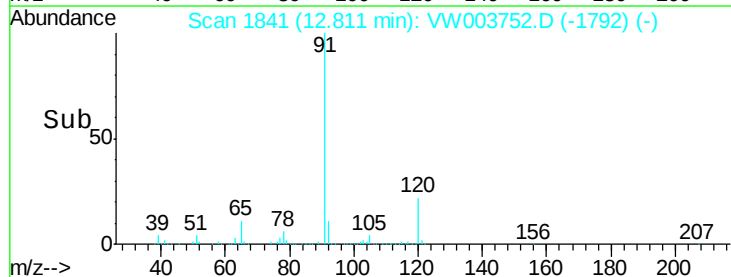
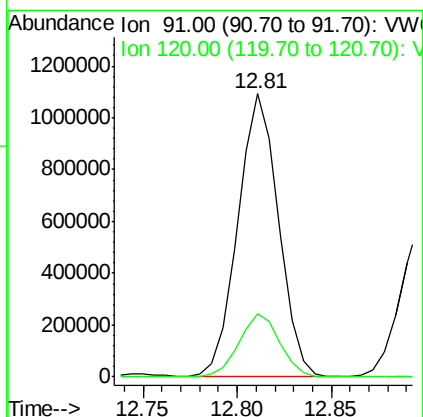
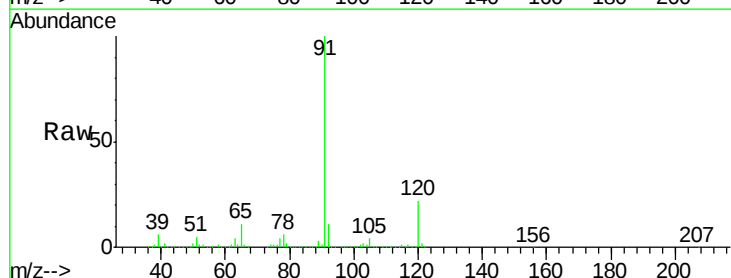
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

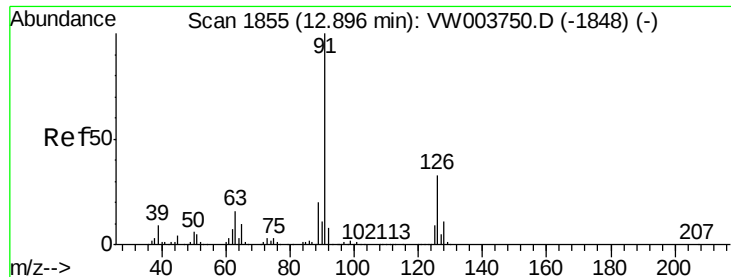
Tgt Ion:156 Resp: 313165
Ion Ratio Lower Upper
156 100
77 192.4 98.7 296.0
158 96.7 49.0 147.0



#78
n-propylbenzene
Concen: 106.627 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 91 Resp: 1632182
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6





#79

2-Chlorotoluene

Concen: 106.267 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

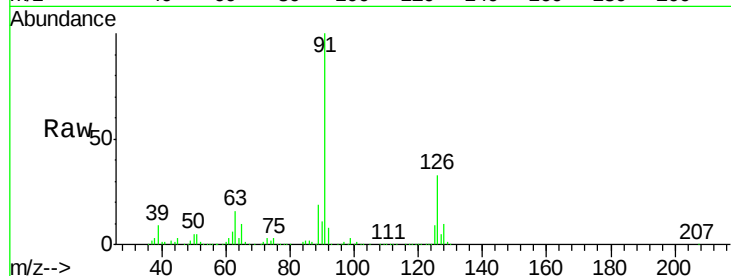
VSTDIC100

Tgt Ion: 91 Resp: 925215

Ion Ratio Lower Upper

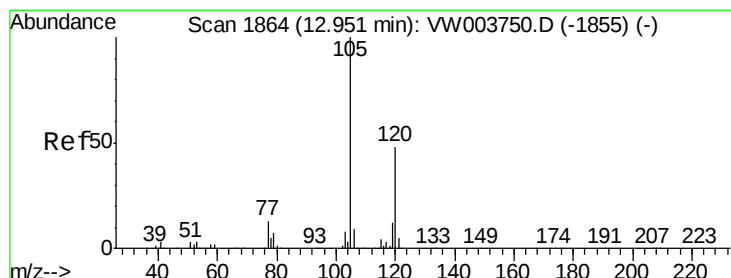
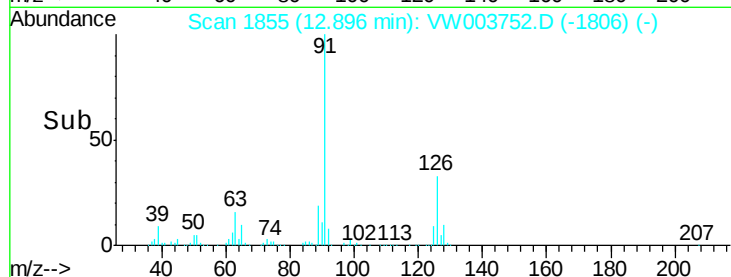
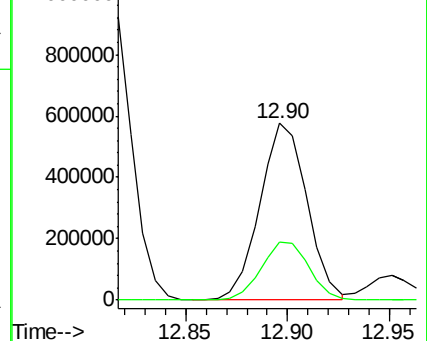
91 100

126 33.5 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 106.980 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003752.D

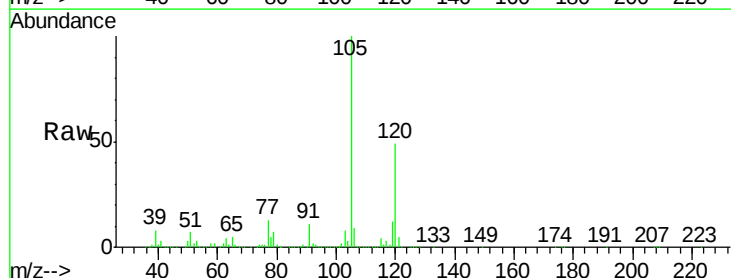
Acq: 07 Jul 2018 00:58

Tgt Ion: 105 Resp: 1123306

Ion Ratio Lower Upper

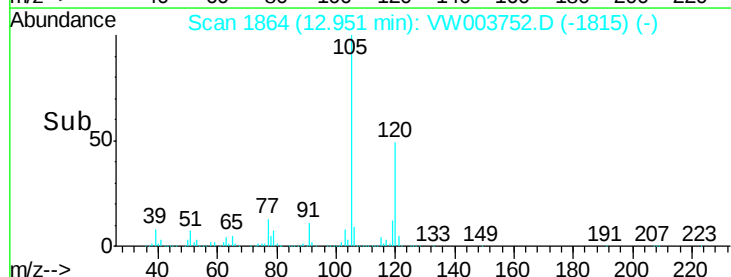
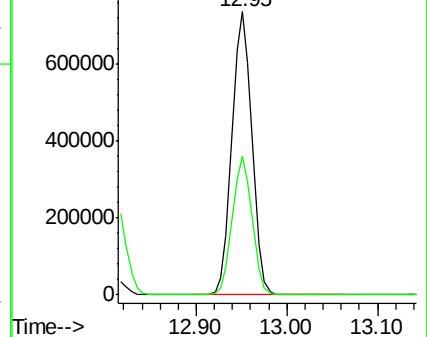
105 100

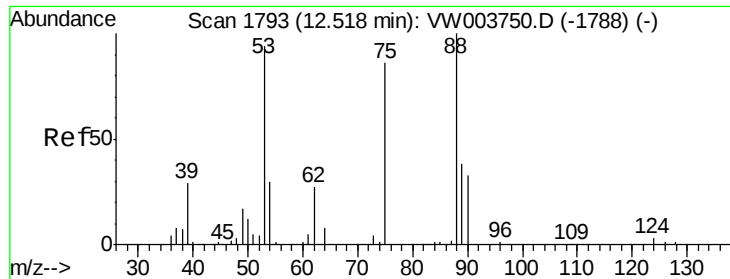
120 48.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 102.494 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

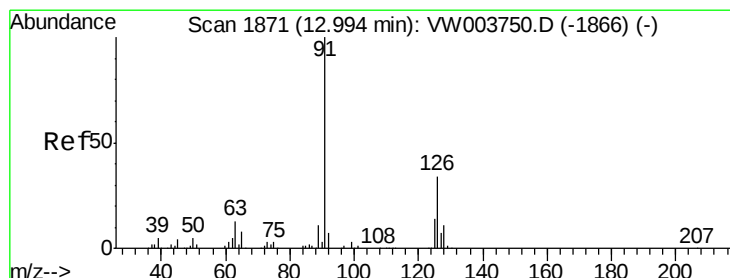
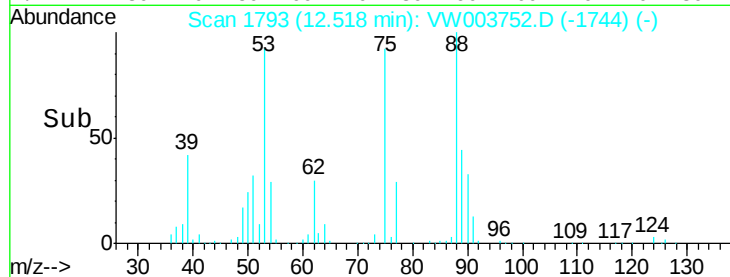
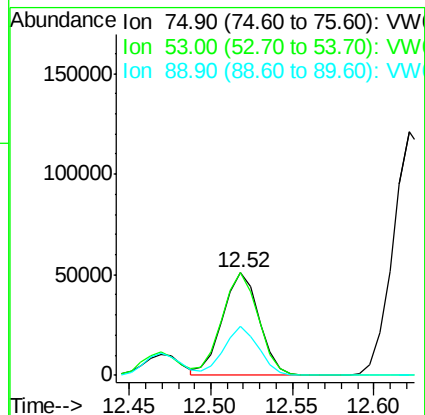
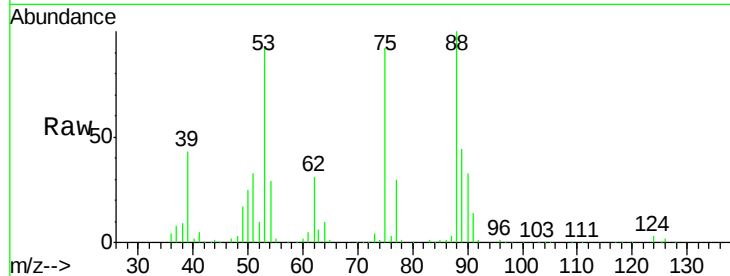
Tgt Ion: 75 Resp: 79163

Ion Ratio Lower Upper

75 100

53 100.6 85.0 127.6

89 45.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 104.087 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003752.D

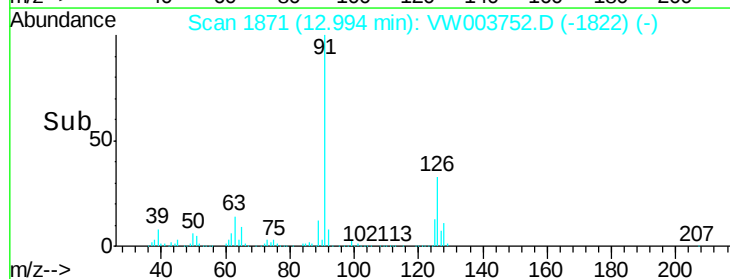
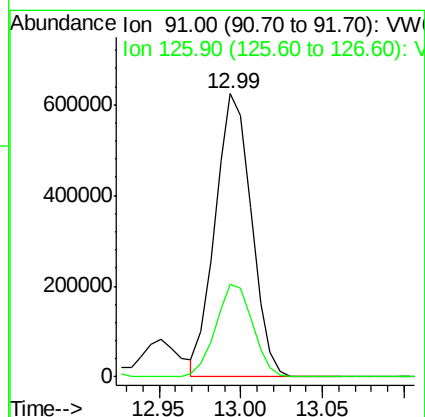
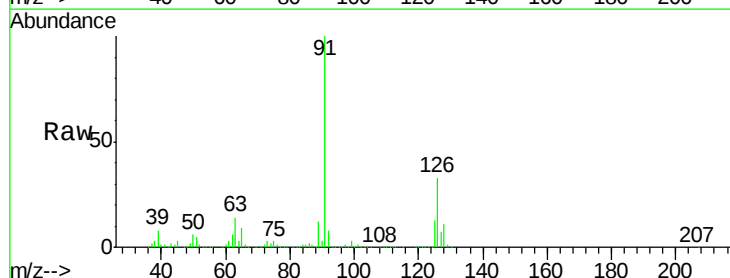
Acq: 07 Jul 2018 00:58

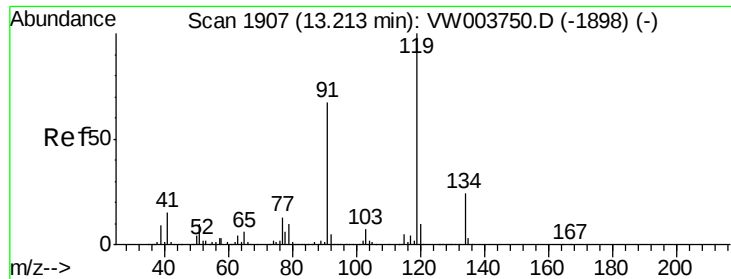
Tgt Ion: 91 Resp: 966446

Ion Ratio Lower Upper

91 100

126 33.6 16.5 49.5

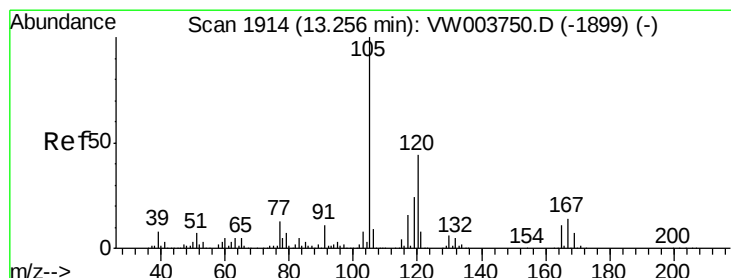
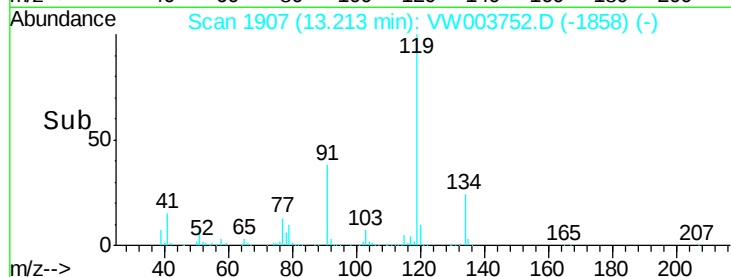
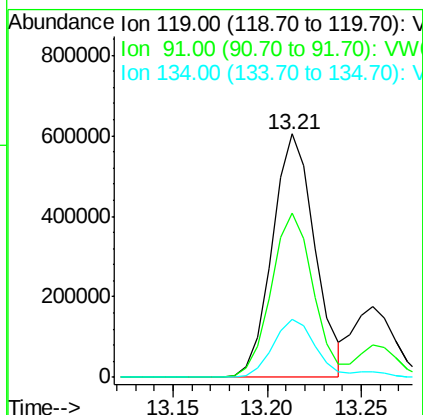
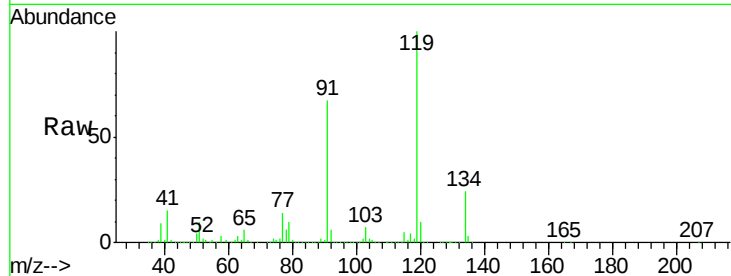




#83
 tert-Butylbenzene
 Concen: 106.772 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

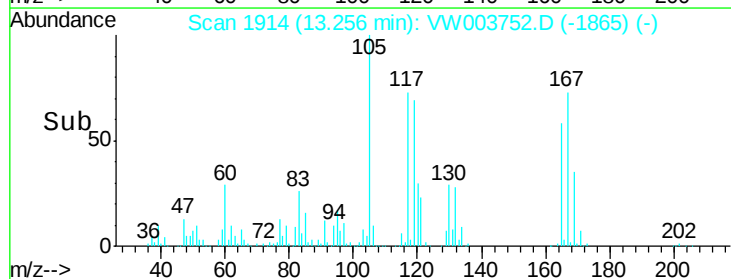
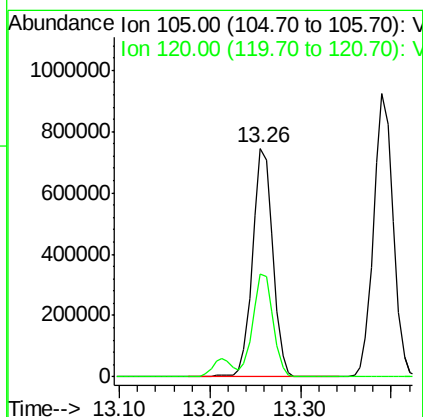
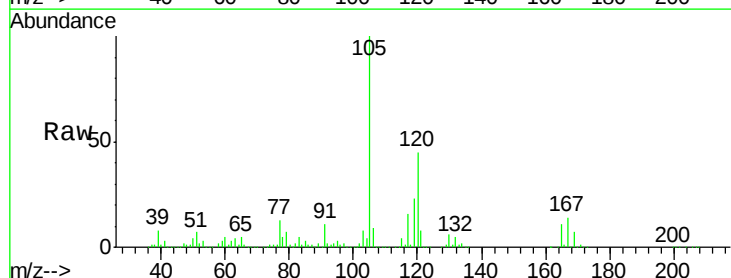
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

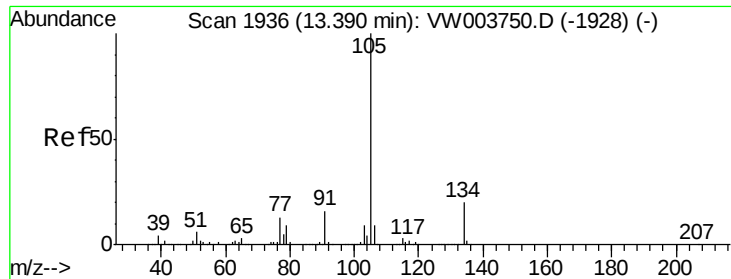
Tgt Ion:119 Resp: 943972
 Ion Ratio Lower Upper
 119 100
 91 67.7 33.0 98.9
 134 25.6 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 106.483 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion:105 Resp: 1150649
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.0 66.0

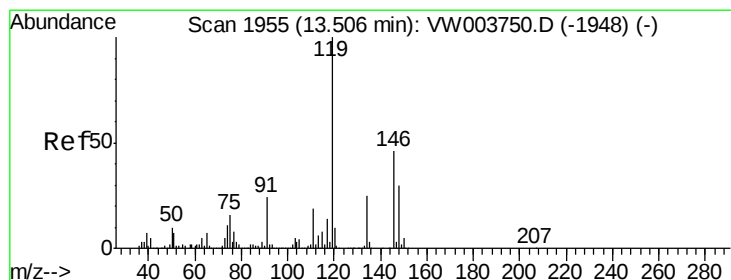
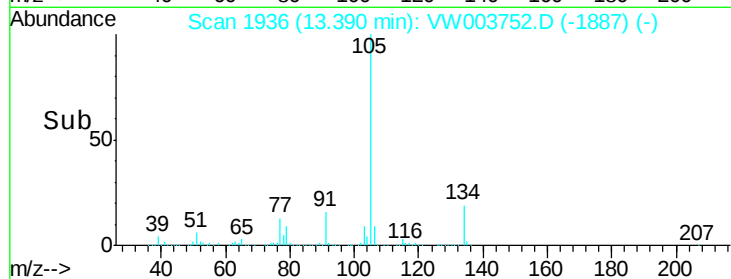
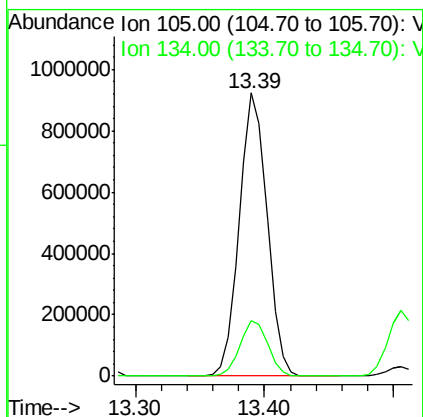
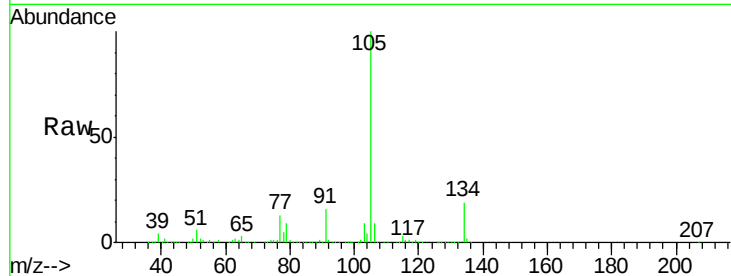




#85
 sec-Butylbenzene
 Concen: 104.986 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

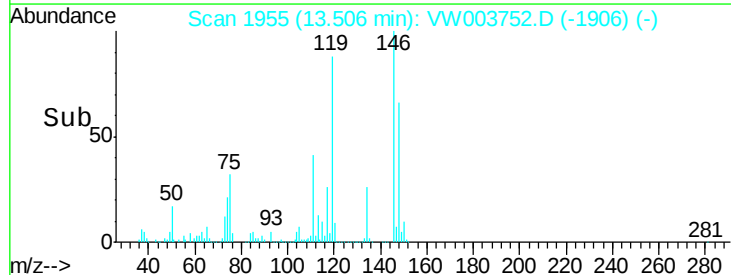
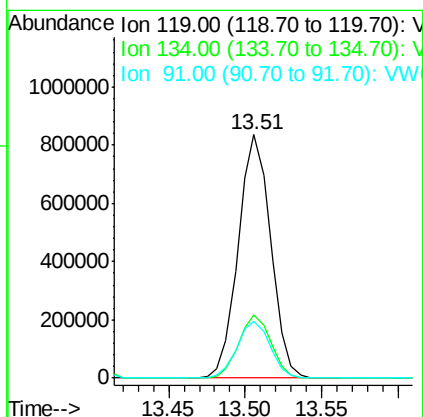
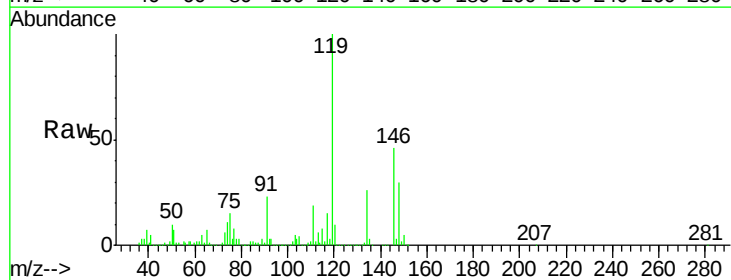
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

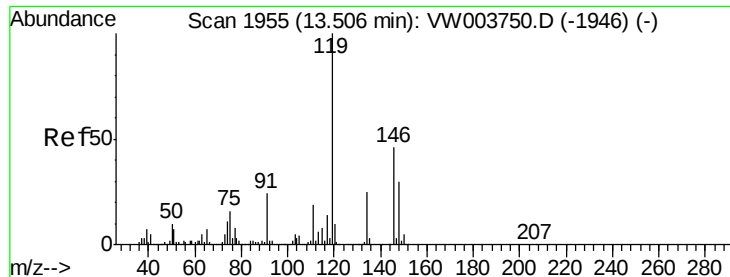
Tgt Ion:105 Resp: 1378540
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 106.695 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion:119 Resp: 1227060
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 101.597 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

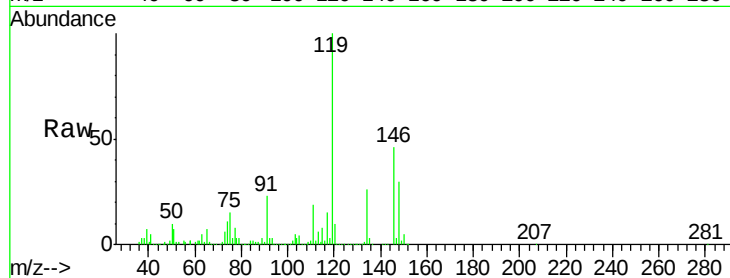
Tgt Ion:146 Resp: 614779

Ion Ratio Lower Upper

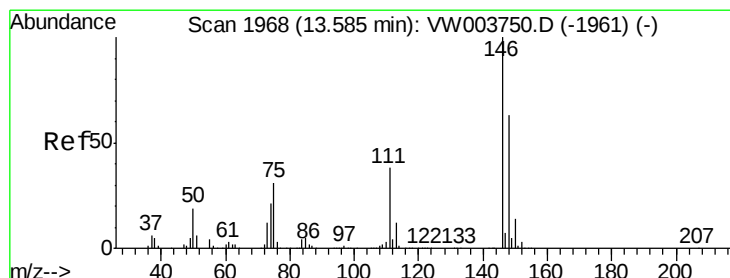
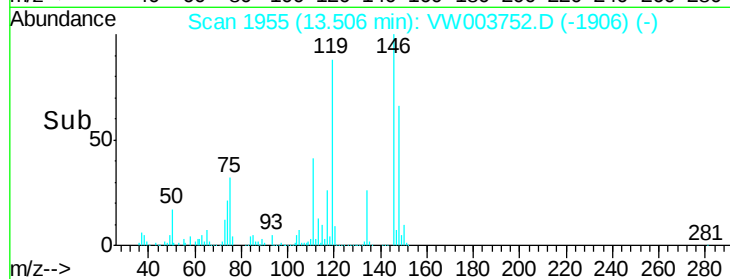
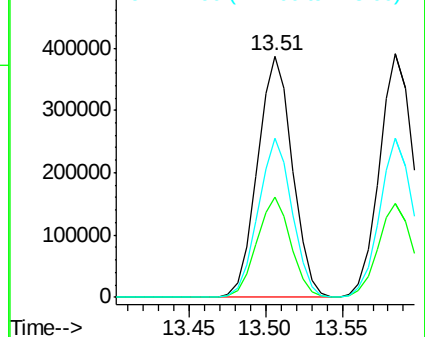
146 100

111 40.6 20.2 60.5

148 64.4 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 100.277 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

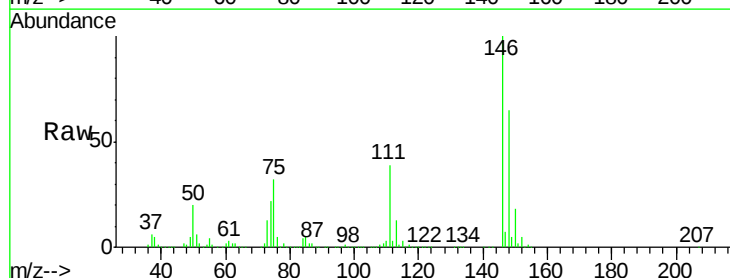
Tgt Ion:146 Resp: 606670

Ion Ratio Lower Upper

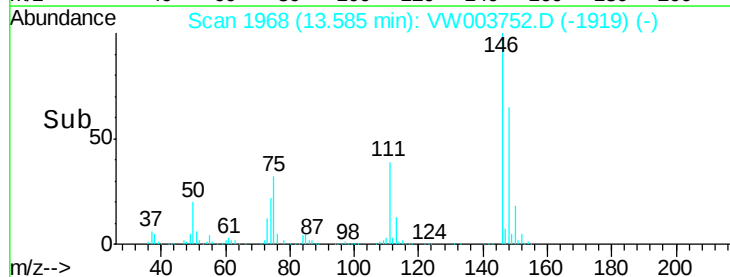
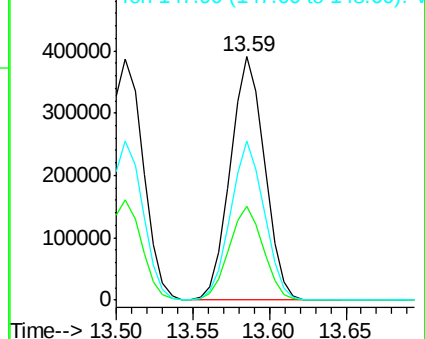
146 100

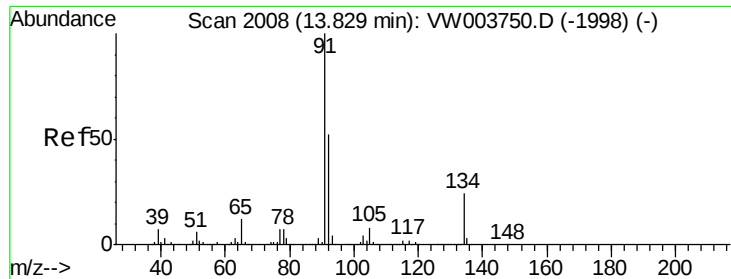
111 38.6 19.4 58.4

148 64.2 31.9 95.7



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

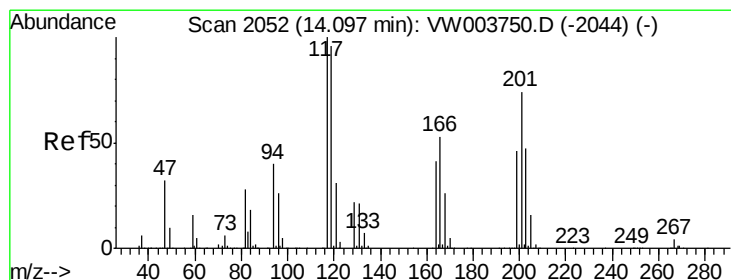
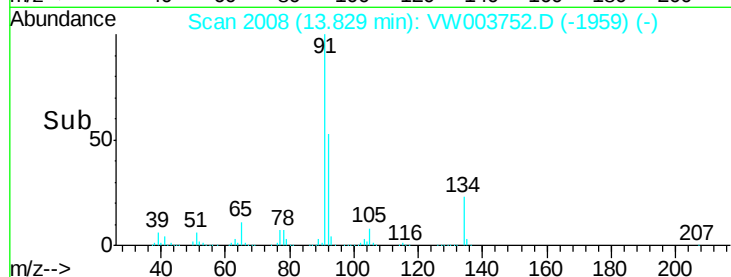
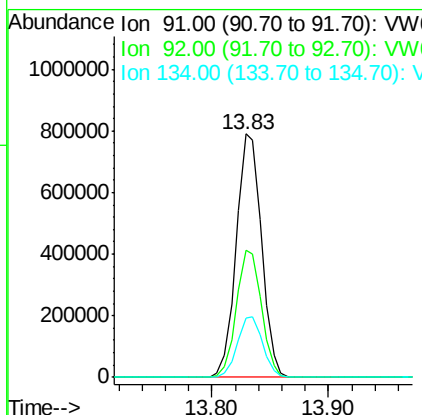
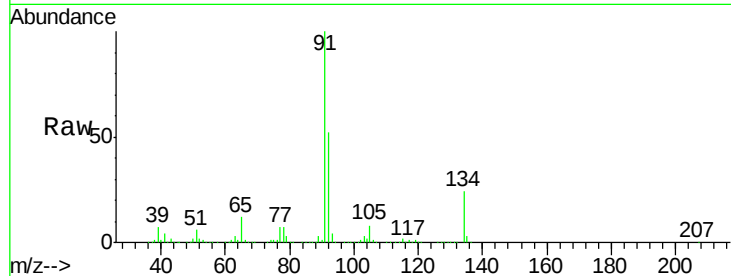




#89
n-Butylbenzene
Concen: 105.121 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

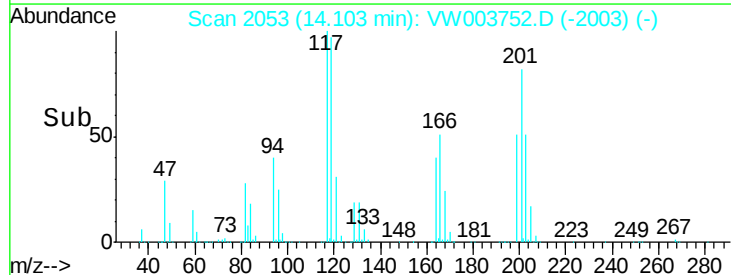
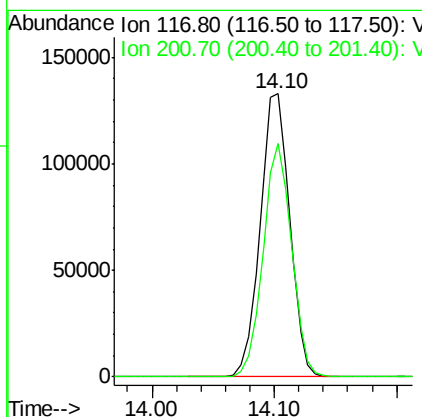
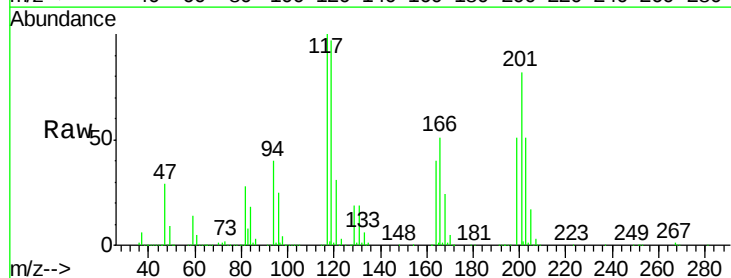
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

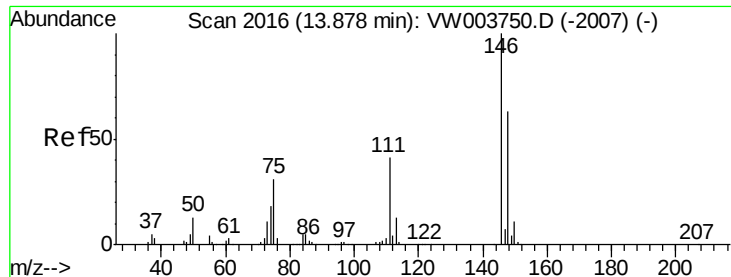
Tgt Ion: 91 Resp: 1192707
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.3
134 24.9 12.4 37.4



#90
Hexachloroethane
Concen: 104.835 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 117 Resp: 224294
Ion Ratio Lower Upper
117 100
201 78.9 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 102.070 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

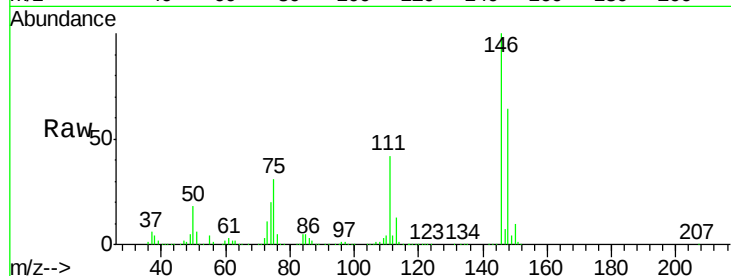
Tgt Ion:146 Resp: 553227

Ion Ratio Lower Upper

146 100

111 41.9 20.7 62.1

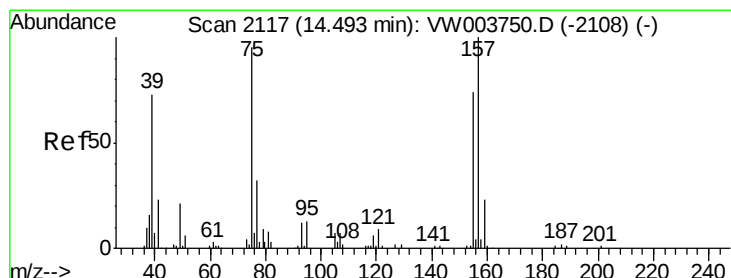
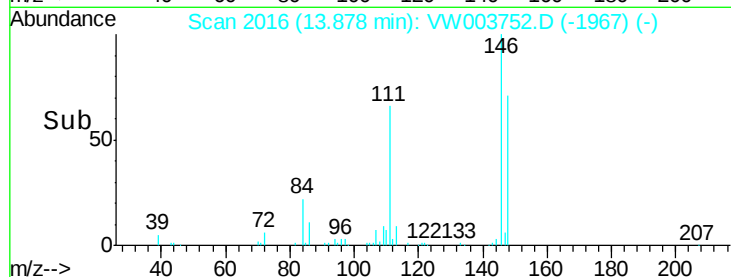
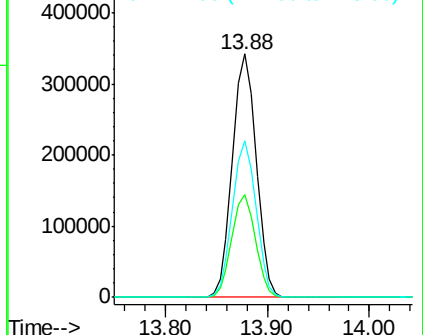
148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.186 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

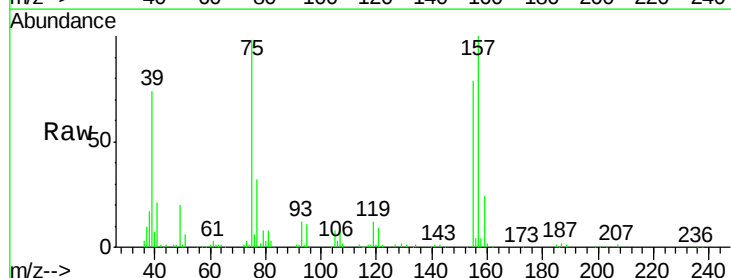
Tgt Ion: 75 Resp: 43334

Ion Ratio Lower Upper

75 100

155 79.8 39.2 117.6

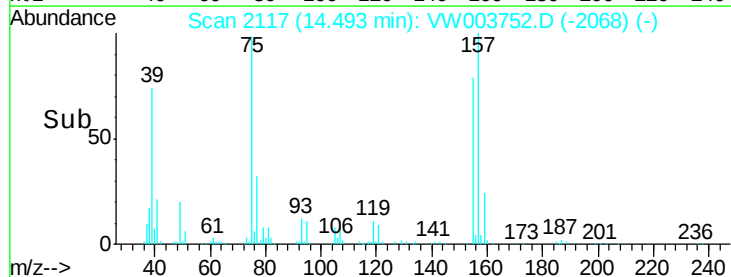
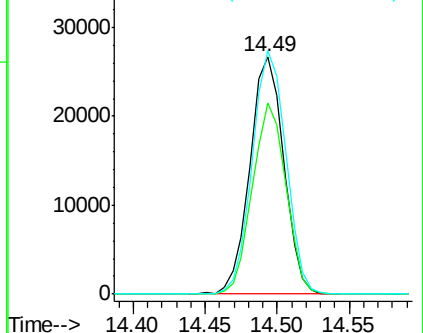
157 102.2 50.7 152.1

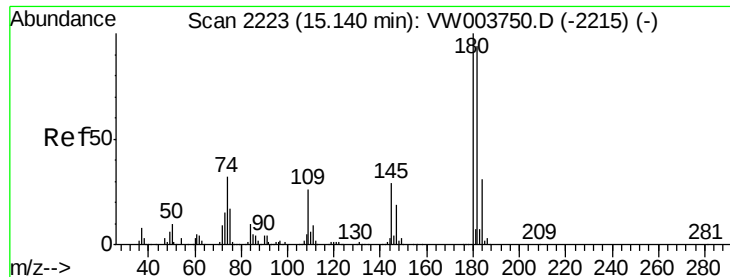


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

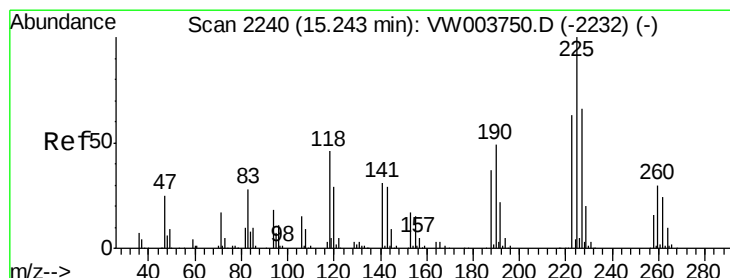
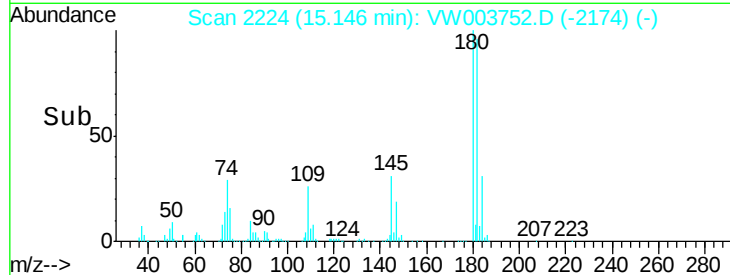
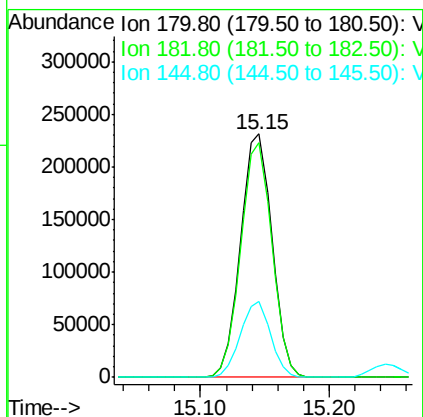
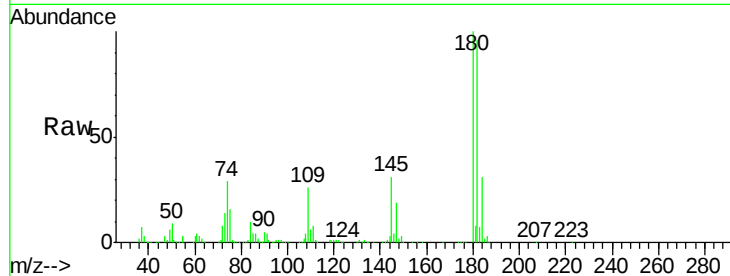




#93
 1,2,4-Trichlorobenzene
 Concen: 102.559 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

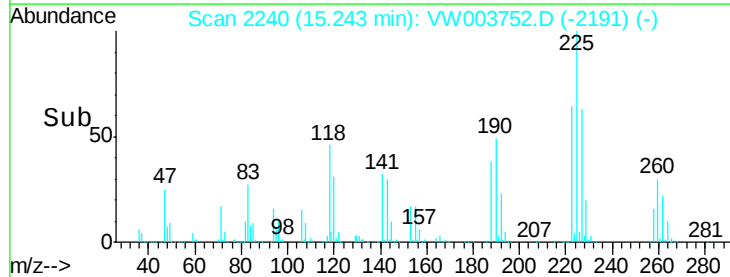
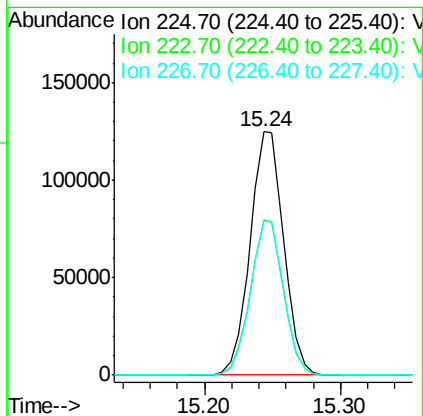
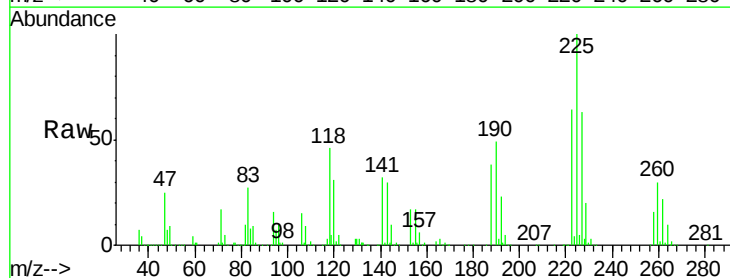
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

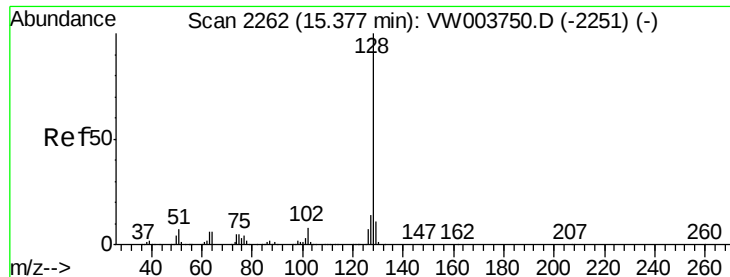
Tgt Ion:180 Resp: 390773
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.4 142.2
 145 30.1 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 98.654 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion:225 Resp: 215637
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.6 97.7
 227 63.0 32.5 97.5

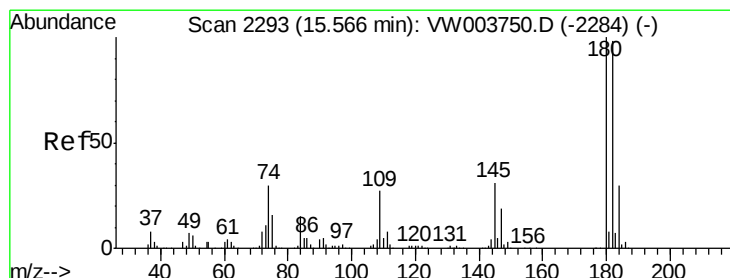
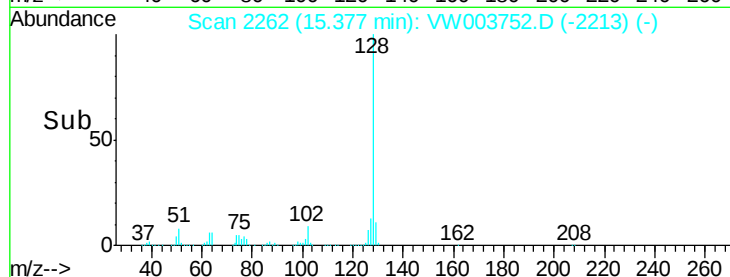
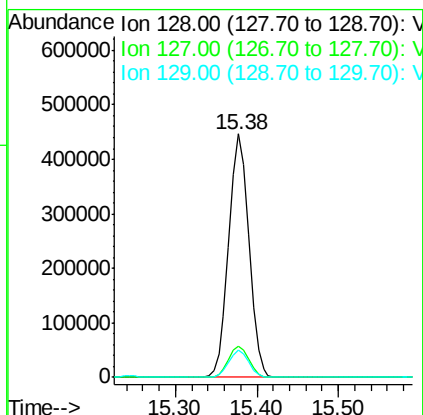
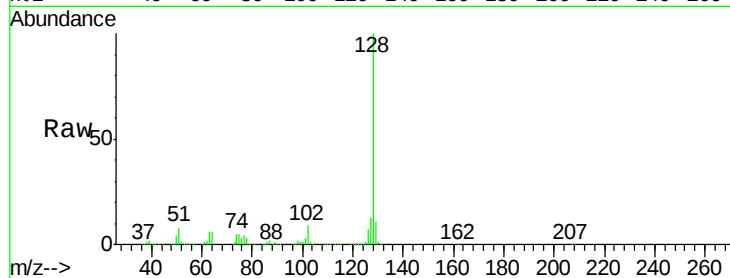




#95
Naphthalene
Concen: 109.254 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 760606
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 102.116 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion:180 Resp: 347974
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 31.8 15.8 47.4

