

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003846.D
 Acq On : 11 Jul 2018 02:03
 Operator : SY/AP
 Sample : VW0710SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Quant Time: Jul 11 02:21:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152778	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	119623	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	102493	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	10.32	98	405427	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	146580	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	16138	17.960	ug/l	94
3) Chloromethane	2.21	50	36598	21.454	ug/l	97
4) Vinyl Chloride	2.36	62	49994	22.220	ug/l	99
5) Bromomethane	2.76	94	30315	19.087	ug/l	95
6) Chloroethane	2.92	64	26401	19.566	ug/l	100
7) Trichlorofluoromethane	3.25	101	21096	23.210	ug/l	96
8) Diethyl Ether	3.67	74	21994	23.611	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41722	23.603	ug/l	99
10) Methyl Iodide	4.26	142	61874	23.516	ug/l	98
11) Tert butyl alcohol	5.18	59	16550	126.395	ug/l	95
12) 1,1-Dichloroethene	4.03	96	41275	23.781	ug/l	98
13) Acrolein	3.89	56	17766	90.792	ug/l	97
14) Allyl chloride	4.65	41	68860	22.820	ug/l	99
15) Acrylonitrile	5.37	53	55029	117.967	ug/l	99
16) Acetone	4.12	43	48850	116.533	ug/l	98
17) Carbon Disulfide	4.37	76	130870	23.000	ug/l	99
18) Methyl Acetate	4.67	43	27414	23.196	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	76795	21.413	ug/l	96
20) Methylene Chloride	4.91	84	50842	22.473	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	45352	22.072	ug/l	92
22) Diisopropyl ether	6.31	45	145009	21.859	ug/l	98
23) Vinyl Acetate	6.26	43	426667	105.359	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87069	21.701	ug/l	100
25) 2-Butanone	7.18	43	71965	109.607	ug/l	97
26) 2,2-Dichloropropane	7.17	77	45583	20.946	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47964	21.109	ug/l	99
28) Bromochloromethane	7.51	49	38737	21.672	ug/l	100
29) Tetrahydrofuran	7.53	42	46737	110.733	ug/l	99
30) Chloroform	7.68	83	88977	21.739	ug/l	96
31) Cyclohexane	7.95	56	75576	21.435	ug/l	# 93
32) 1,1,1-Trichloroethane	7.87	97	68027	21.838	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68333	21.691	ug/l	99
37) Ethyl Acetate	7.26	43	33613	21.928	ug/l	98
38) Carbon Tetrachloride	8.06	117	64264	21.455	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72744	21.083	ug/l	96
40) Benzene	8.32	78	195359	21.692	ug/l	100
41) Methacrylonitrile	7.49	41	17027	19.311	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62527	21.452	ug/l	99
43) Isopropyl Acetate	8.43	43	61668	21.227	ug/l	99
44) Trichloroethene	9.09	130	49373	21.745	ug/l	98
45) 1,2-Dichloropropane	9.37	63	50158	21.419	ug/l	99
46) Dibromomethane	9.46	93	26664	21.655	ug/l	99
47) Bromodichloromethane	9.65	83	64194	21.192	ug/l	100
48) Methyl methacrylate	9.44	41	29509	21.328	ug/l	97
49) 1,4-Dioxane	9.46	88	8387	455.745	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	164997	109.754	ug/l	99
52) Toluene	10.39	92	122748	21.980	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	62474	20.656	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	72194	21.145	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36465	21.323	ug/l	97
56) Ethyl methacrylate	10.65	69	43155	20.679	ug/l	97
57) 1,3-Dichloropropane	10.94	76	64346	21.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91349	91.924	ug/l	100
59) 2-Hexanone	10.98	43	112663	109.136	ug/l	98
60) Dibromochloromethane	11.13	129	42204	21.141	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35024	21.416	ug/l	99
64) Tetrachloroethene	10.87	164	47903	23.095	ug/l	98
65) Chlorobenzene	11.66	112	133253	21.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46679	21.609	ug/l	99
67) Ethyl Benzene	11.74	91	229580	21.720	ug/l	98
68) m/p-Xylenes	11.84	106	180268	44.537	ug/l	100
69) o-Xylene	12.17	106	81151	21.728	ug/l	99
70) Styrene	12.19	104	141073	22.212	ug/l	100
71) Bromoform	12.35	173	26180	21.961	ug/l #	100
73) Isopropylbenzene	12.47	105	224565	21.704	ug/l	100
74) N-amyl acetate	12.28	43	58494	20.857	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45587	21.734	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58578	39.045	ug/l #	100
77) Bromobenzene	12.75	156	54817	21.341	ug/l	99
78) n-propylbenzene	12.81	91	288548	22.216	ug/l	100
79) 2-Chlorotoluene	12.90	91	163042	21.850	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	199244	22.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12832	20.923	ug/l	97
82) 4-Chlorotoluene	12.99	91	178067	22.192	ug/l	99
83) tert-Butylbenzene	13.21	119	161173	21.915	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	204867	22.114	ug/l	98
85) sec-Butylbenzene	13.39	105	241533	21.954	ug/l	100
86) p-Isopropyltoluene	13.51	119	213607	22.220	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	114469	21.996	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	113551	21.698	ug/l	99
89) n-Butylbenzene	13.83	91	208271	22.025	ug/l	99
90) Hexachloroethane	14.10	117	40485	21.862	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	101742	21.721	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7974	21.963	ug/l	95

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

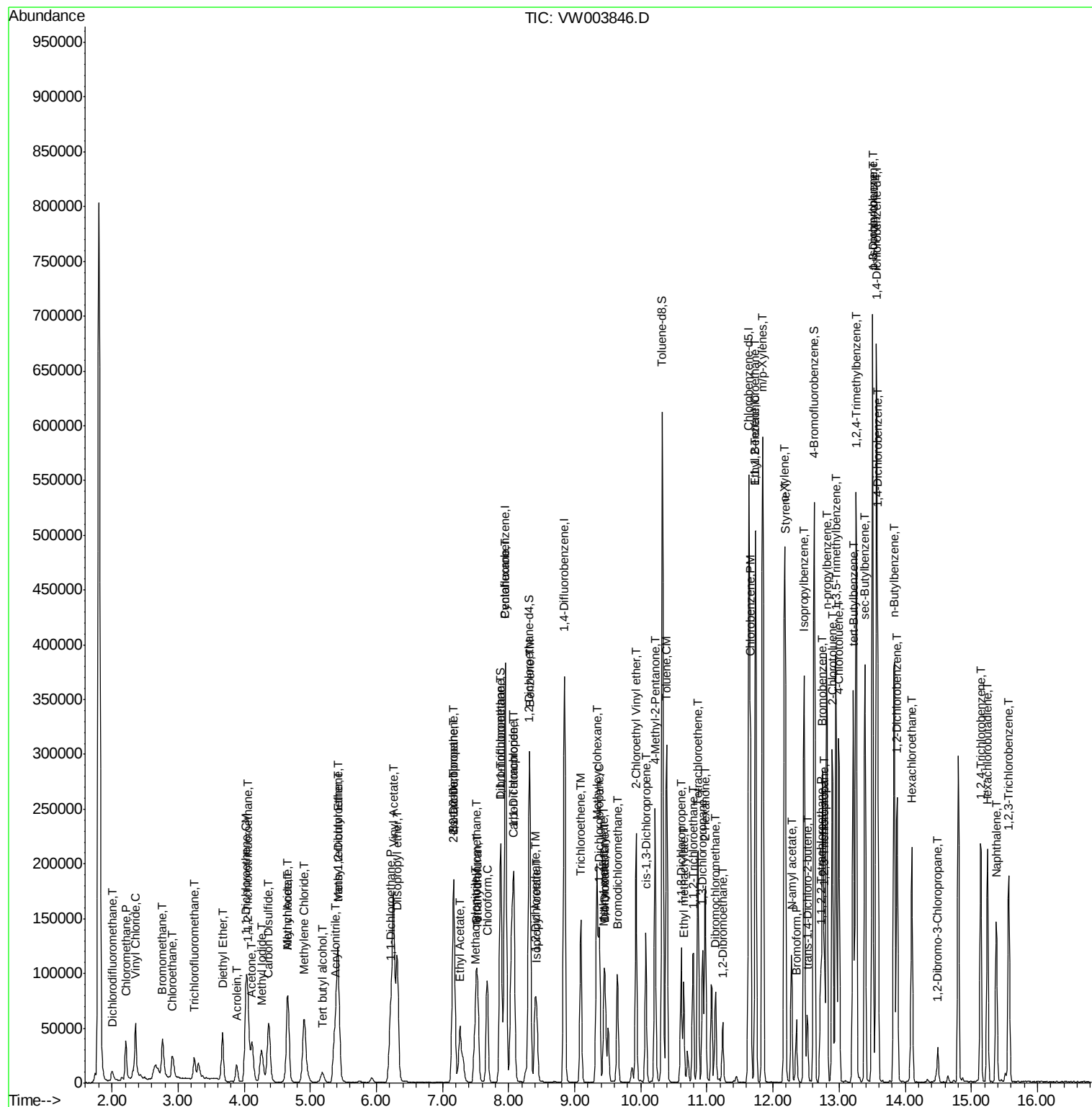
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	67296	21.225	ug/l	98
94) Hexachlorobutadiene	15.24	225	39551	21.809	ug/l	97
95) Naphthalene	15.38	128	122545	21.626	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	61232	21.569	ug/l	99

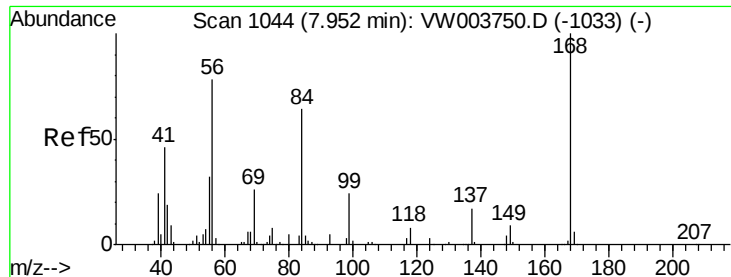
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

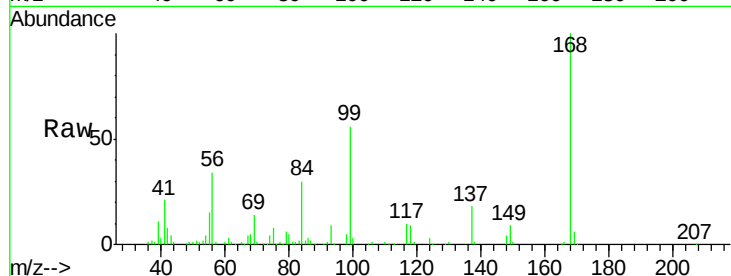
VW0710SBSD02

Tot Ion:168 Resp: 184760

Ion Ratio Lower Upper

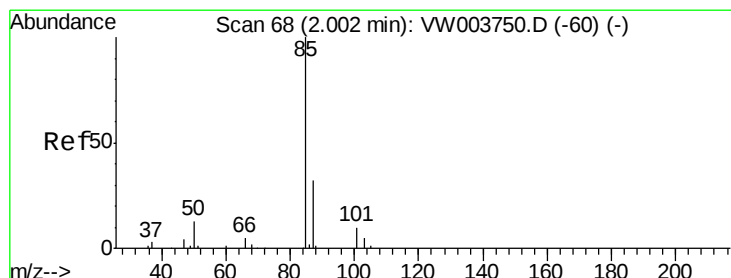
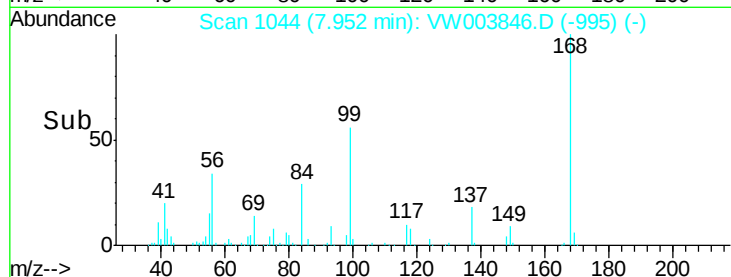
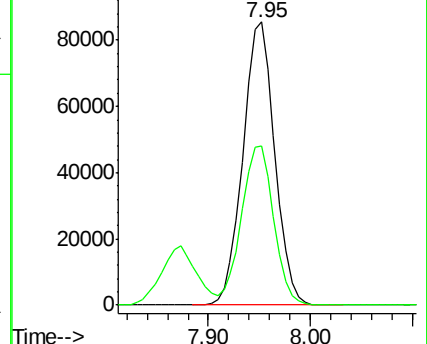
168 100

99 56.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.960 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003846.D

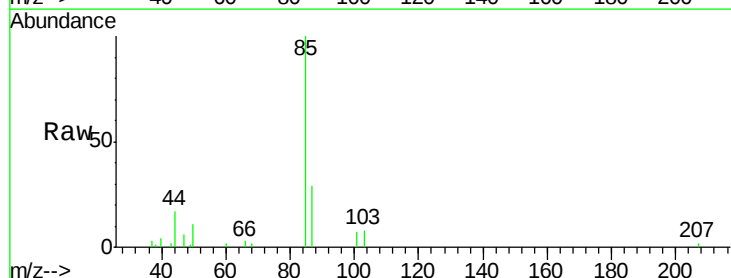
Acq: 11 Jul 2018 02:03

Tgt Ion: 85 Resp: 16138

Ion Ratio Lower Upper

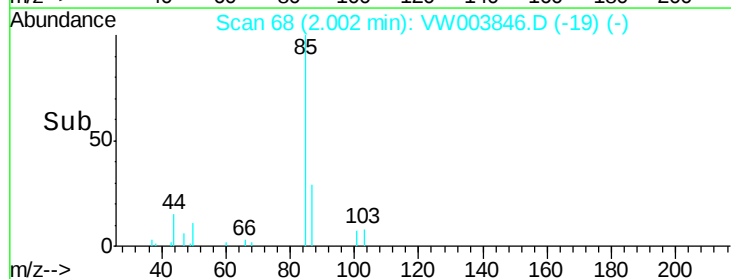
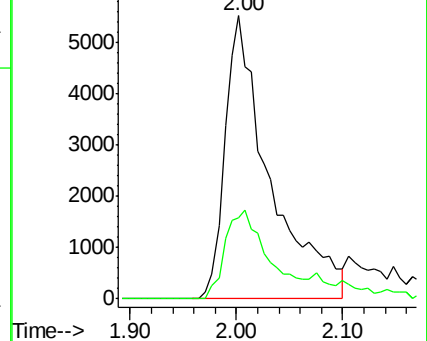
85 100

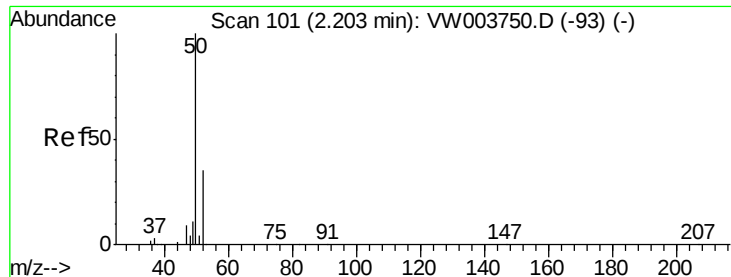
87 28.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.454 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

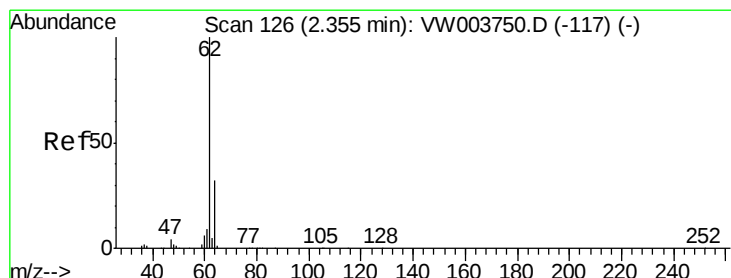
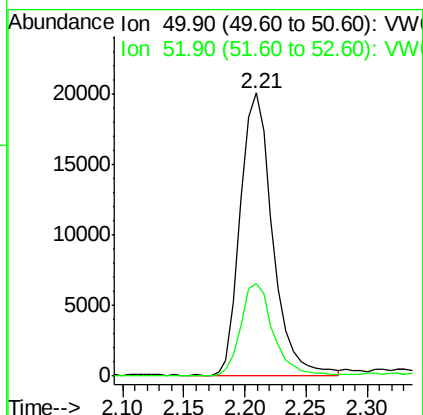
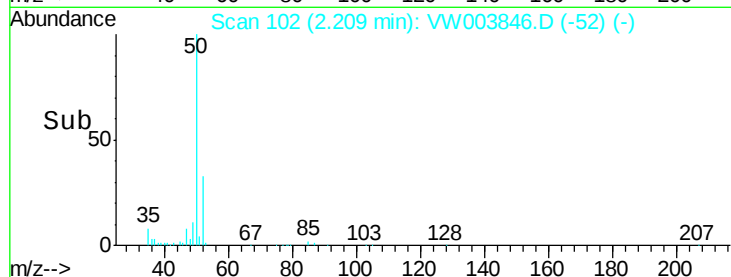
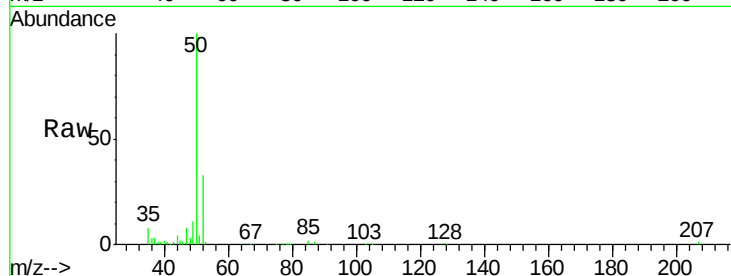
VW0710SBSD02

Tot Ion: 50 Resp: 36598

Ion Ratio Lower Upper

50 100

52 33.1 27.8 41.6



#4

Vinyl Chloride

Concen: 22.220 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003846.D

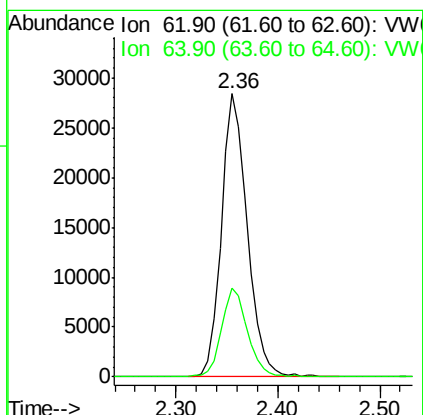
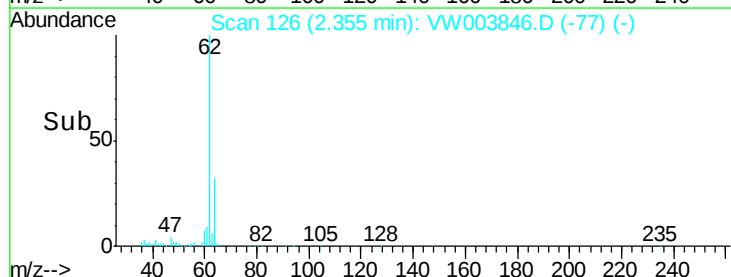
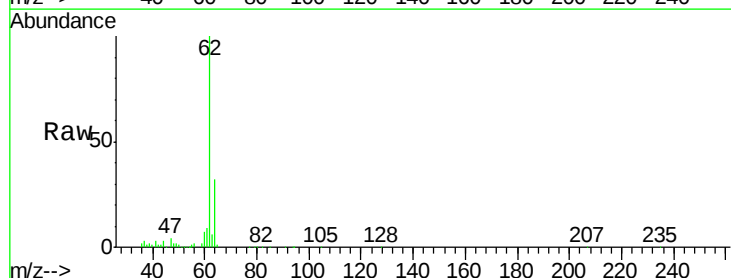
Acq: 11 Jul 2018 02:03

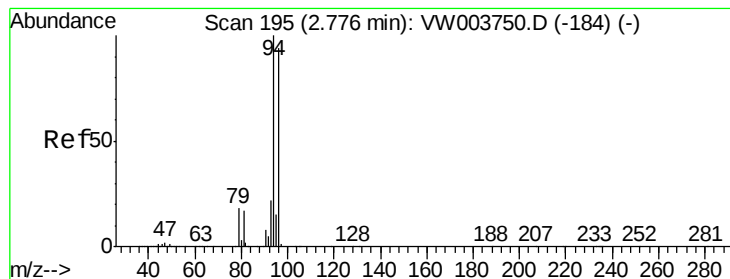
Tgt Ion: 62 Resp: 49994

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 19.087 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

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ClientSampleId :

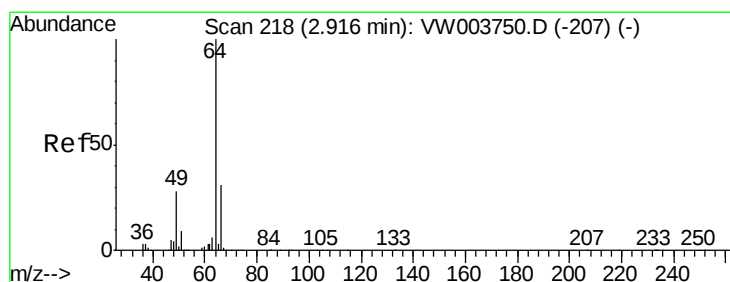
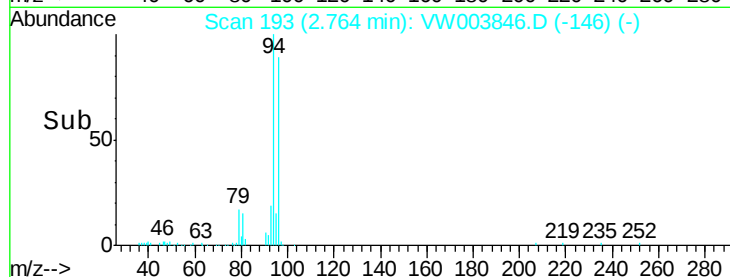
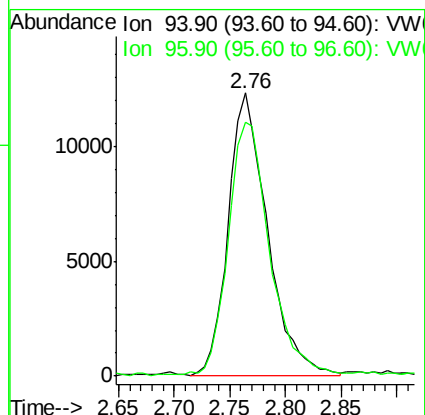
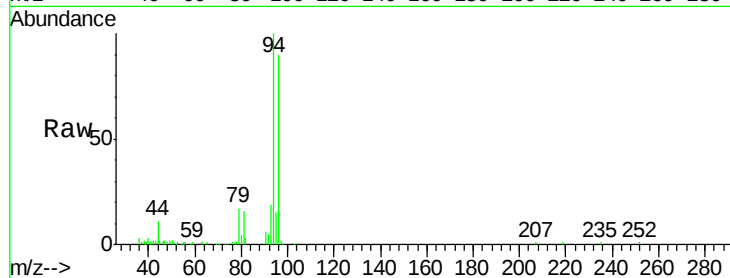
VW0710SBSD02

Tot Ion: 94 Resp: 30315

Ion Ratio Lower Upper

94 100

96 88.7 74.8 112.2



#6

Chloroethane

Concen: 19.566 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003846.D

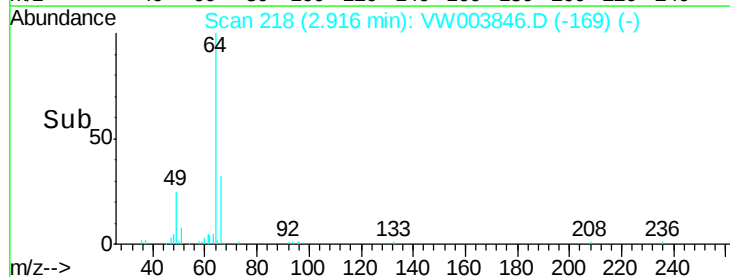
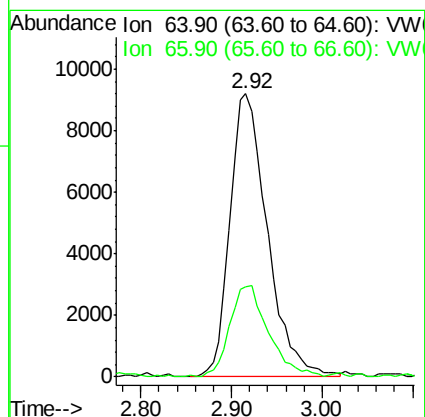
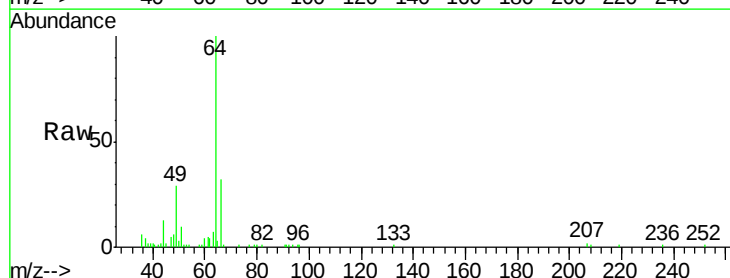
Acq: 11 Jul 2018 02:03

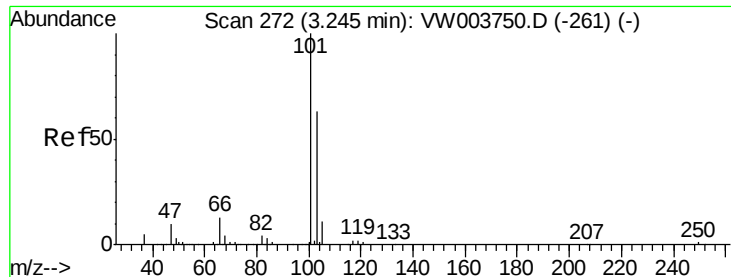
Tgt Ion: 64 Resp: 26401

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7



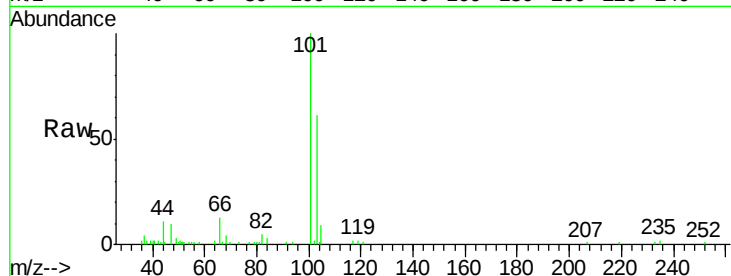


#7

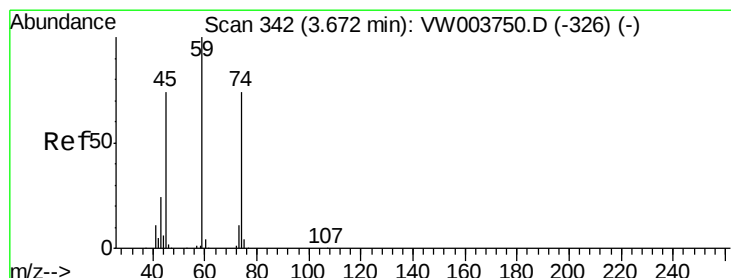
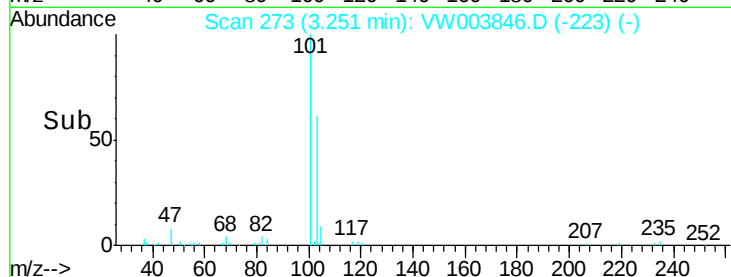
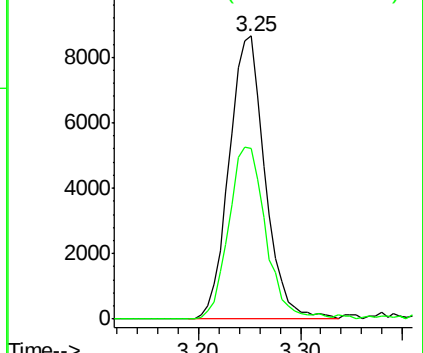
Trichlorofluoromethane
Concen: 23.210 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion:101 Resp: 21096
Ion Ratio Lower Upper
101 100
103 60.5 50.7 76.1



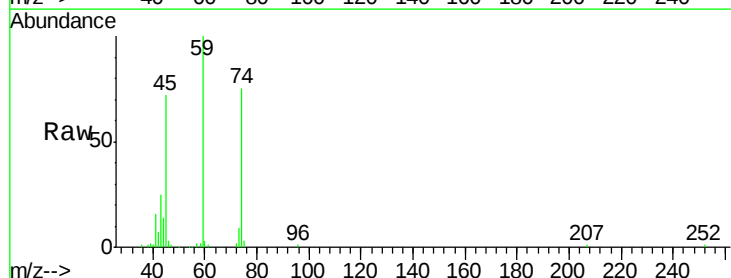
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



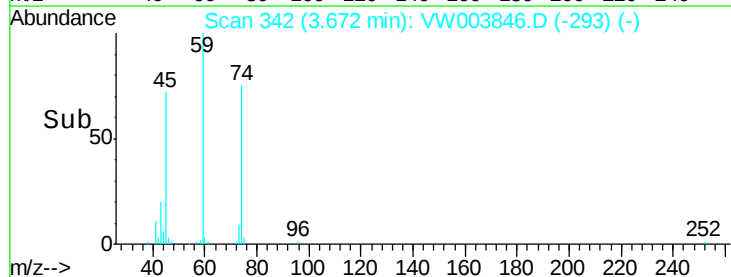
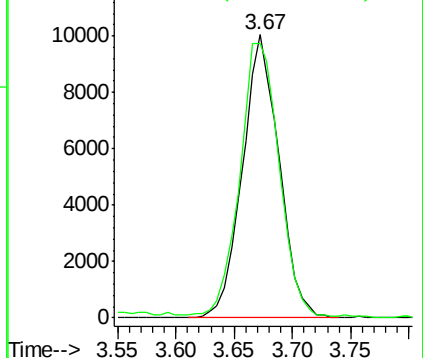
#8

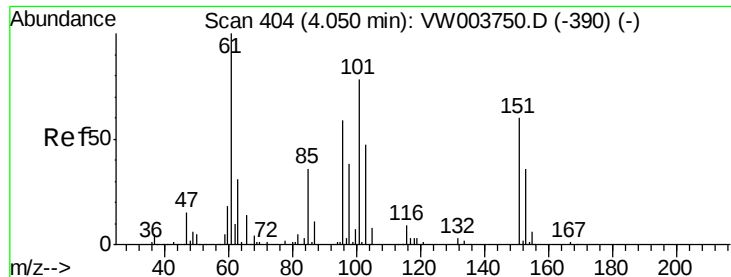
Diethyl Ether
Concen: 23.611 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 74 Resp: 21994
Ion Ratio Lower Upper
74 100
45 103.7 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: 23.603 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

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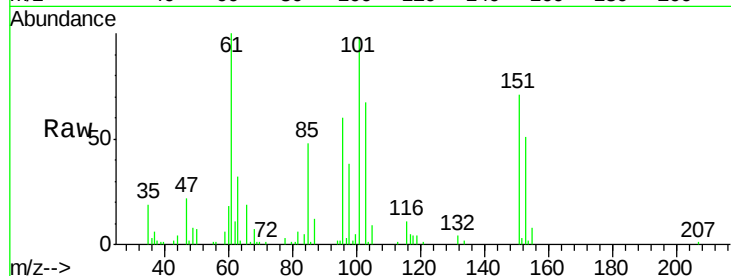
Tot Ion:101 Resp: 41722

Ion Ratio Lower Upper

101 100

85 45.0 37.1 55.7

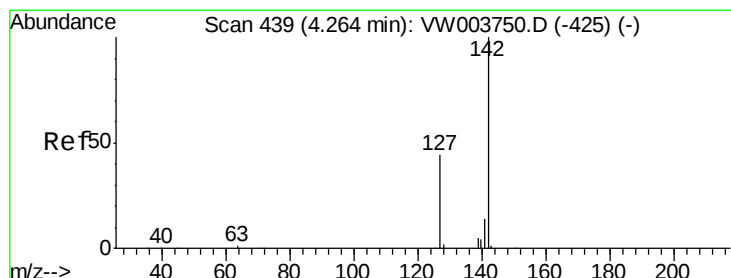
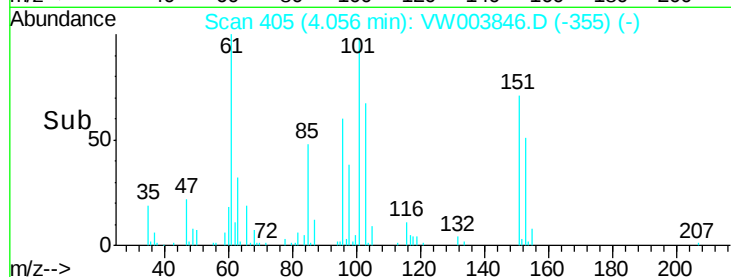
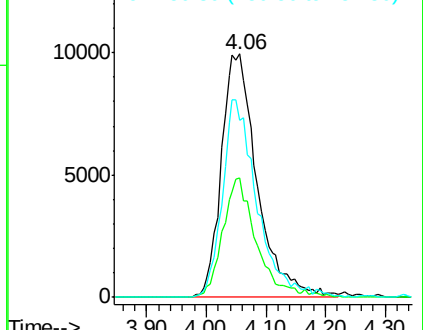
151 77.4 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.516 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

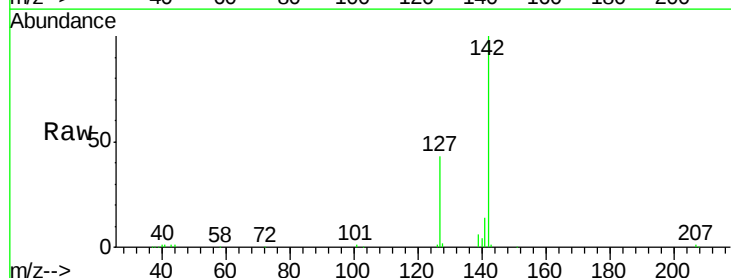
Tgt Ion:142 Resp: 61874

Ion Ratio Lower Upper

142 100

127 46.9 36.1 54.1

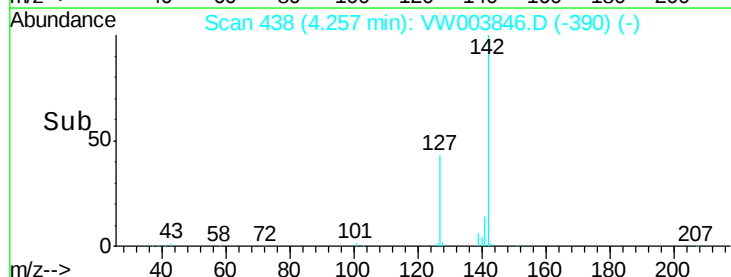
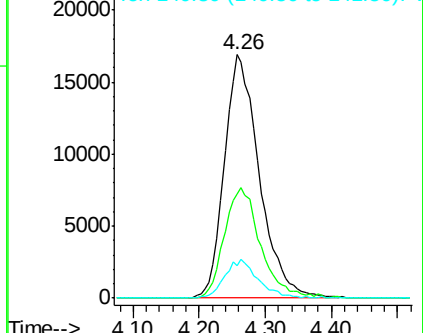
141 15.2 11.6 17.4

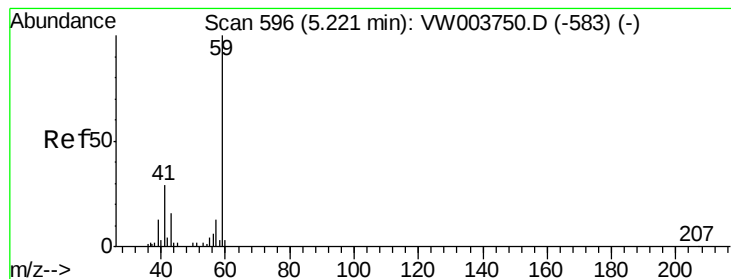


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



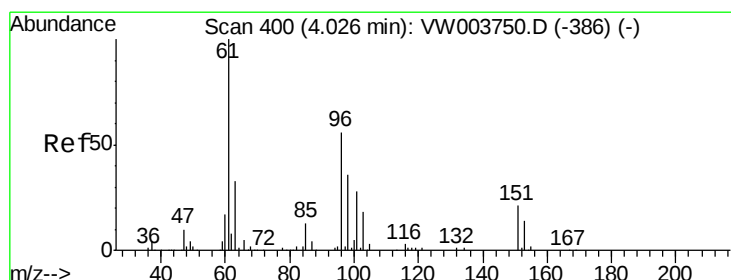
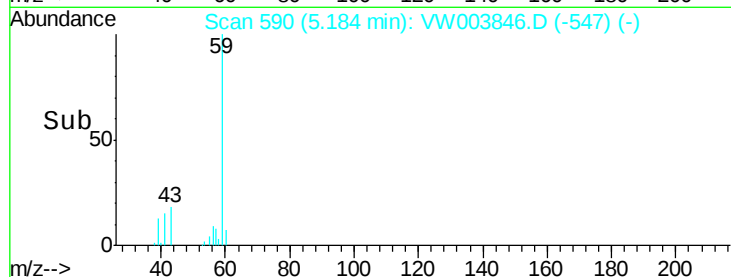
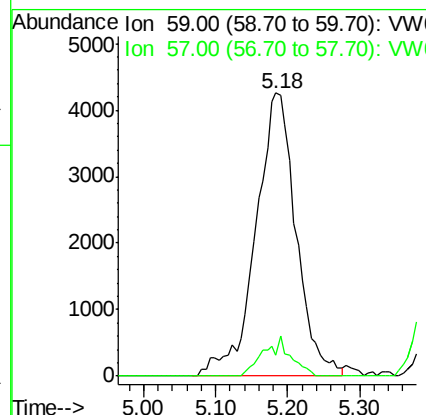
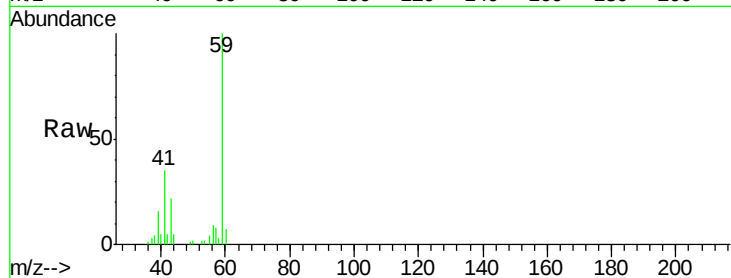


#11

Tert butyl alcohol
Concen: 126.395 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.04 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

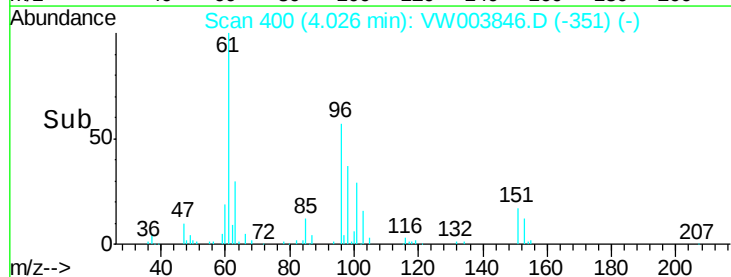
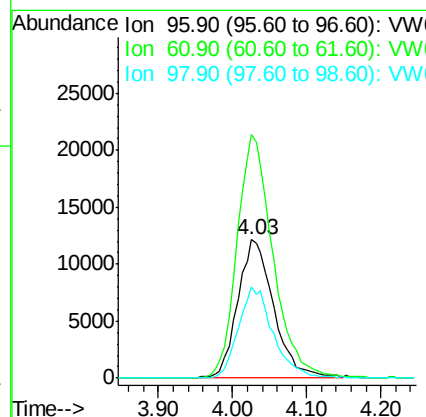
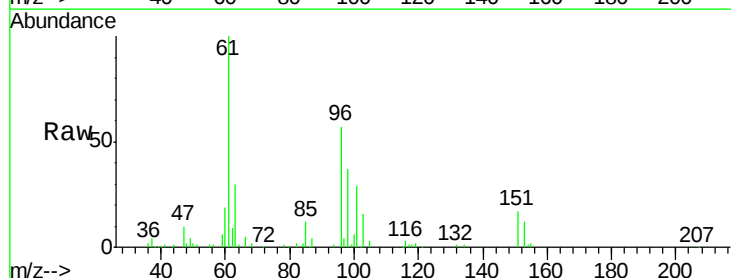
Tot Ion: 59 Resp: 16550
Ion Ratio Lower Upper
59 100
57 9.5 9.3 13.9

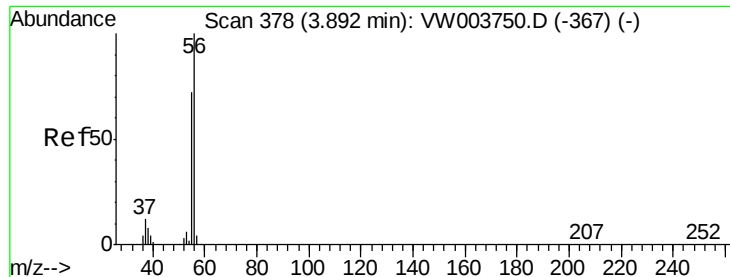


#12

1,1-Dichloroethene
Concen: 23.781 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 96 Resp: 41275
Ion Ratio Lower Upper
96 100
61 176.3 143.2 214.8
98 66.0 51.4 77.0





#13

Acrolein

Concen: 90.792 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

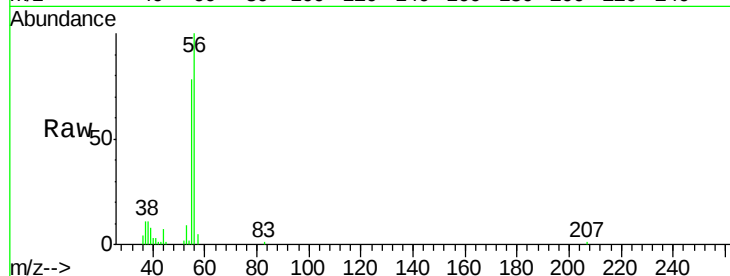
VW0710SBSD02

Tot Ion: 56 Resp: 17766

Ion Ratio Lower Upper

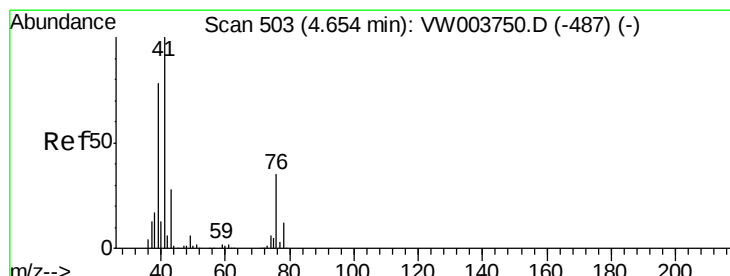
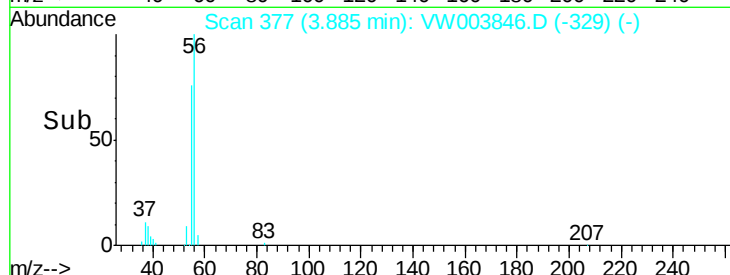
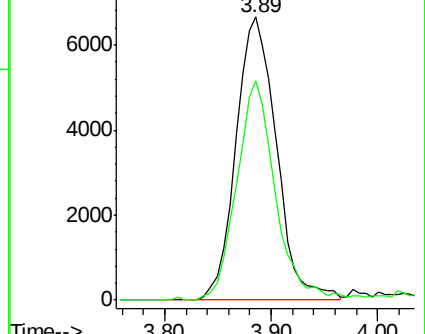
56 100

55 74.0 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 22.820 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

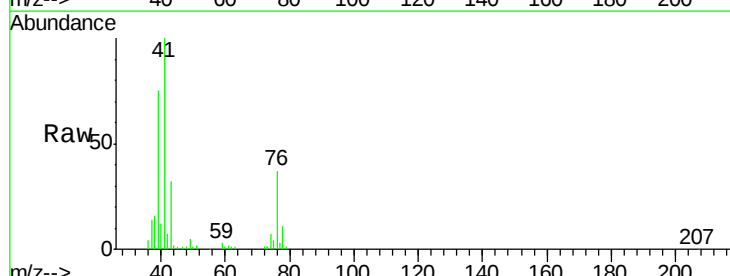
Tgt Ion: 41 Resp: 68860

Ion Ratio Lower Upper

41 100

39 77.2 60.9 91.3

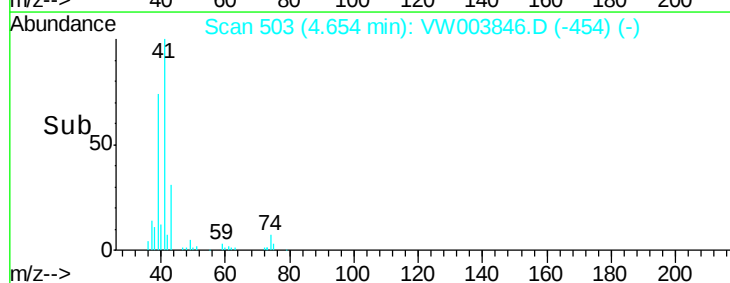
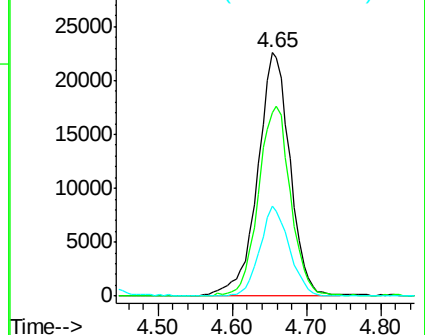
76 33.5 27.5 41.3

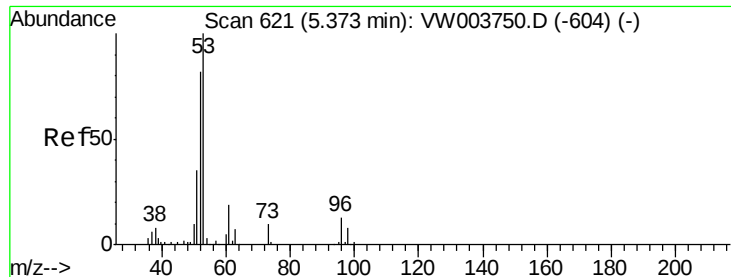


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 117.967 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

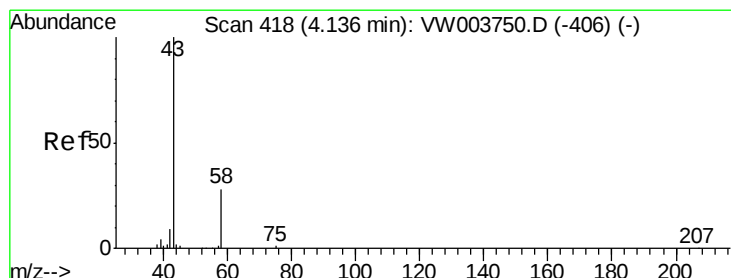
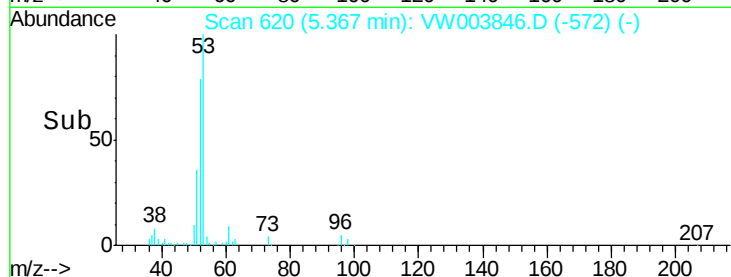
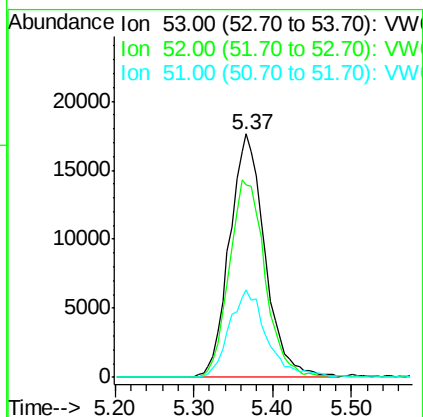
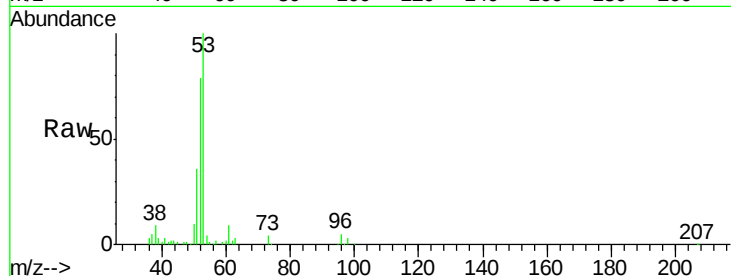
Tot Ion: 53 Resp: 55029

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

51 38.0 30.2 45.4



#16

Acetone

Concen: 116.533 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003846.D

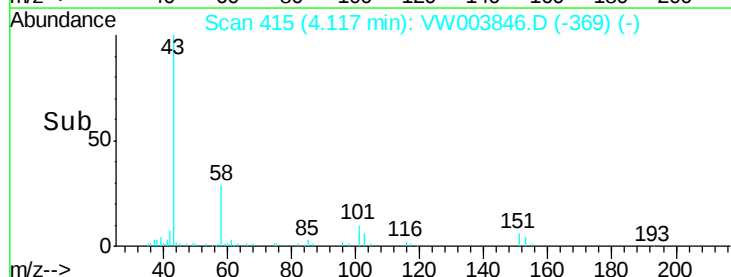
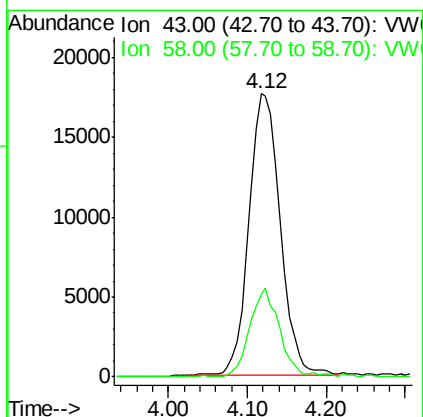
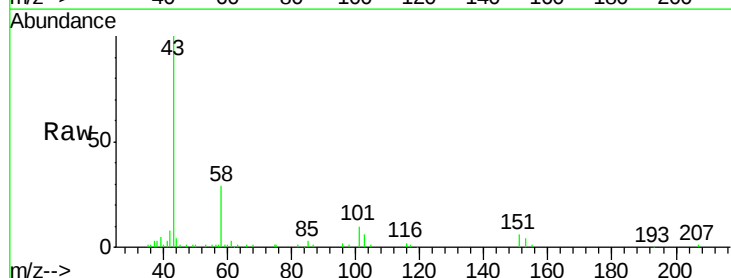
Acq: 11 Jul 2018 02:03

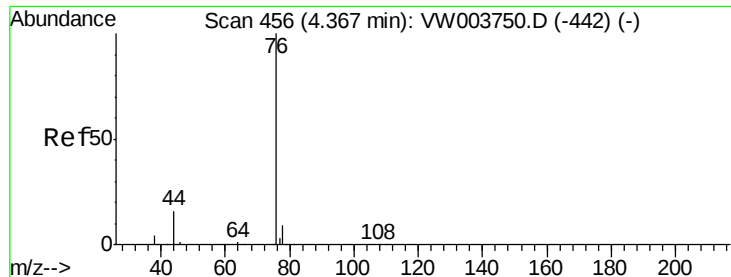
Tgt Ion: 43 Resp: 48850

Ion Ratio Lower Upper

43 100

58 29.4 22.6 34.0

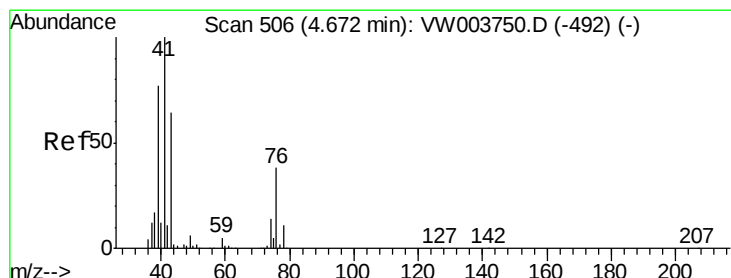
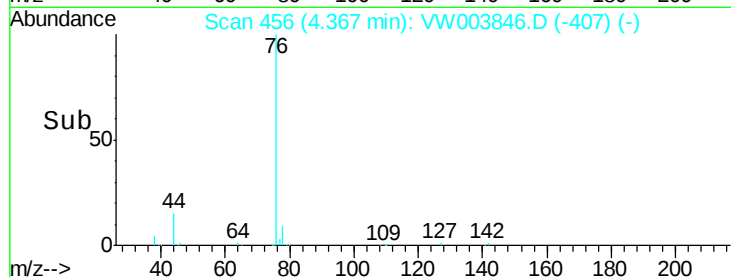
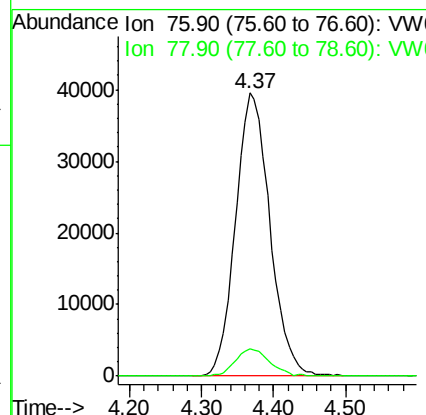
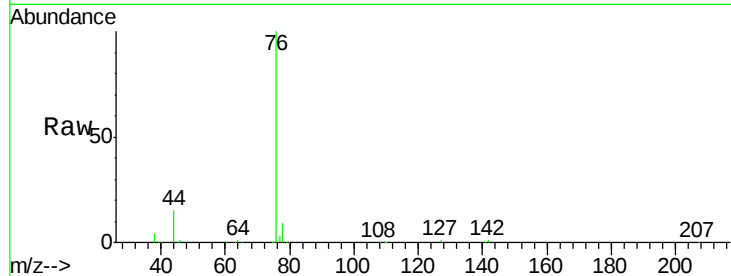




#17
Carbon Disulfide
Concen: 23.000 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

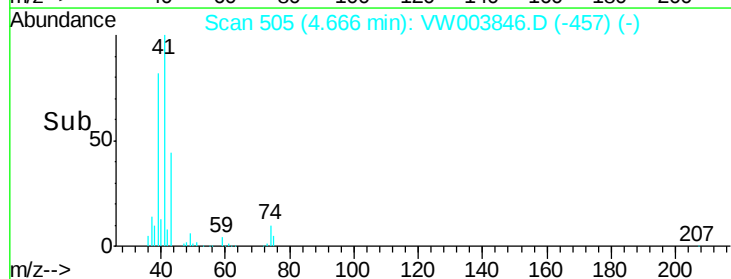
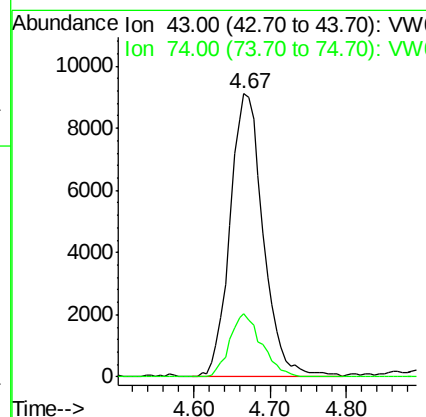
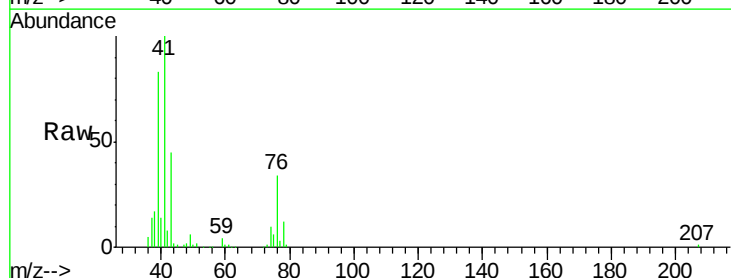
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

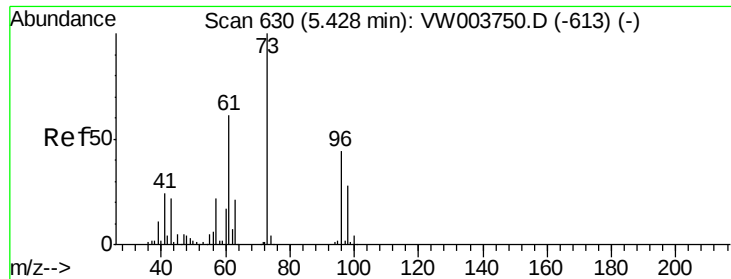
Tot Ion: 76 Resp: 130870
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 23.196 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 43 Resp: 27414
Ion Ratio Lower Upper
43 100
74 21.3 17.3 25.9

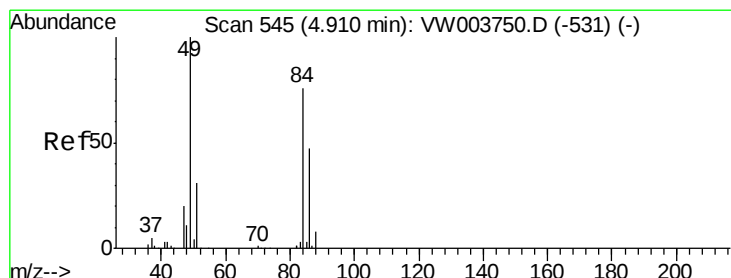
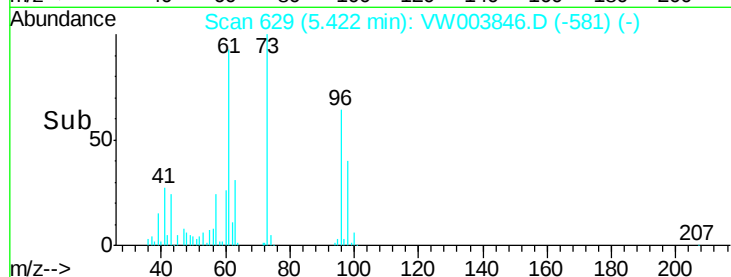
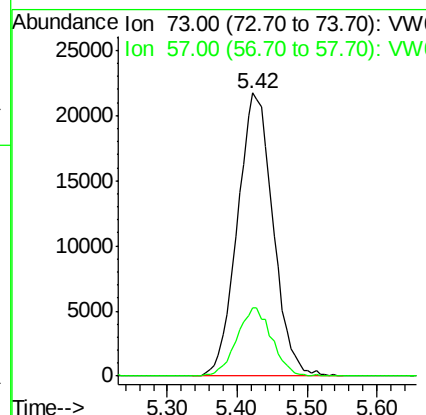
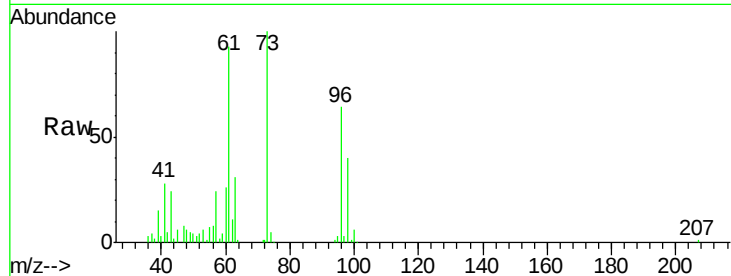




#19
Methyl tert-butyl Ether
Concen: 21.413 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

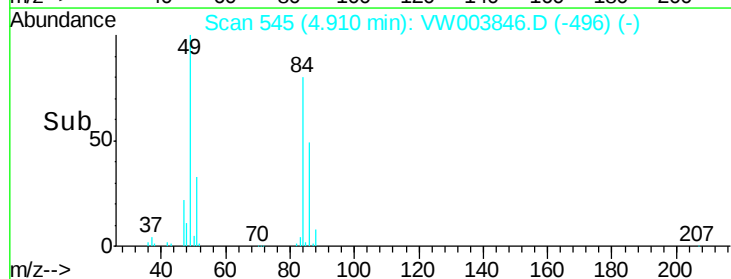
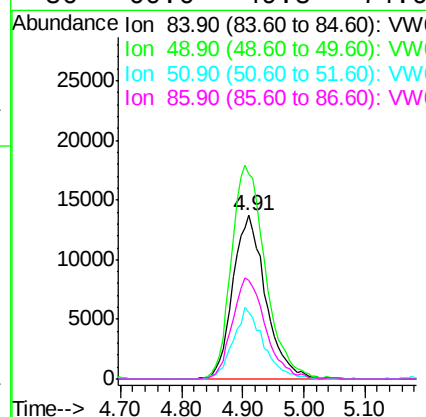
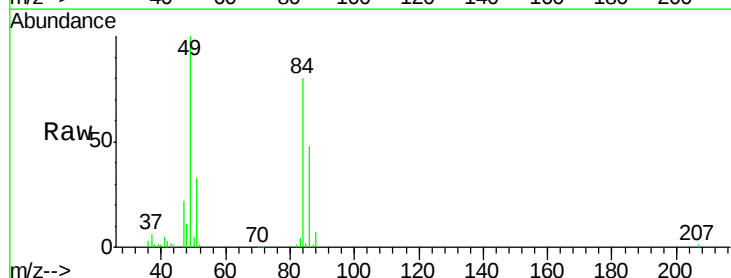
Instrument :
MSVOA_W
ClientSampleID :
VW0710SBSD02

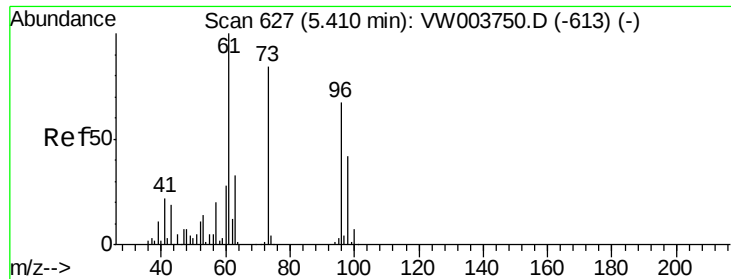
Tot Ion: 73 Resp: 76795
Ion Ratio Lower Upper
73 100
57 24.1 17.9 26.9



#20
Methylene Chloride
Concen: 22.473 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 84 Resp: 50842
Ion Ratio Lower Upper
84 100
49 125.5 105.1 157.7
51 41.1 32.5 48.7
86 60.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 22.072 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

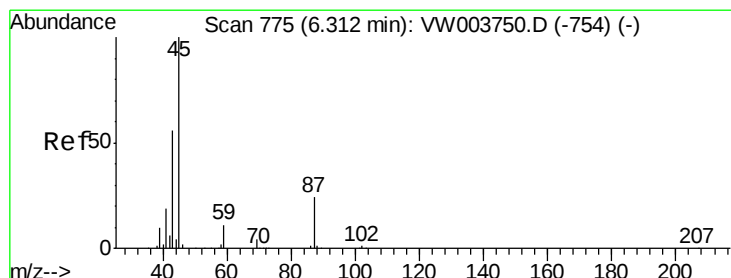
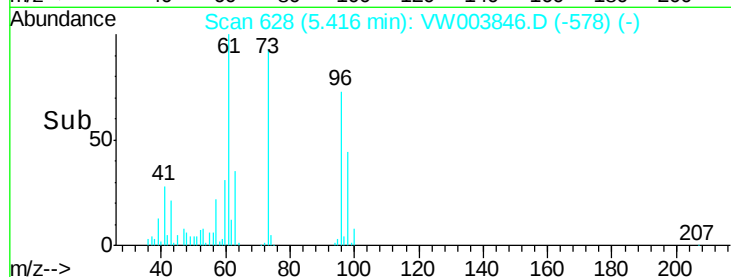
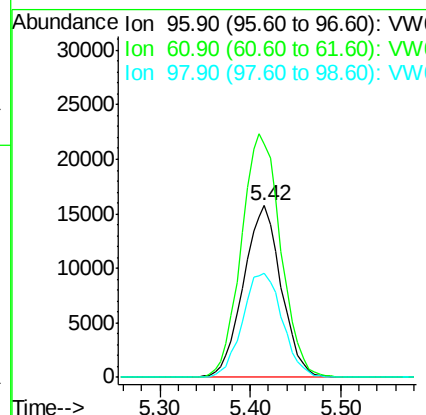
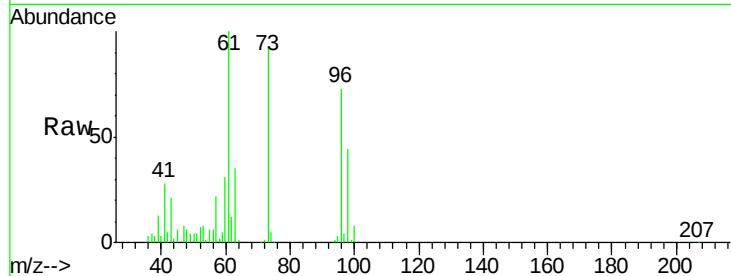
Tot Ion: 96 Resp: 45352

Ion Ratio Lower Upper

96 100

61 136.1 119.0 178.6

98 60.5 49.8 74.8



#22

Diisopropyl ether

Concen: 21.859 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion: 45 Resp: 145009

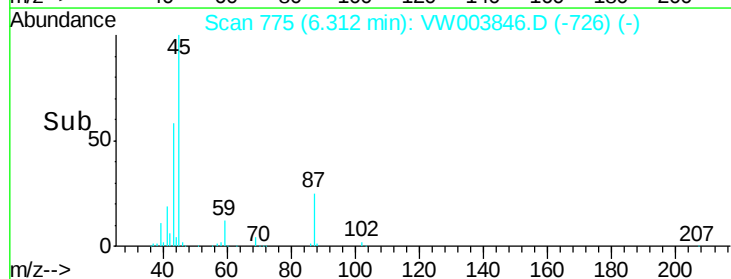
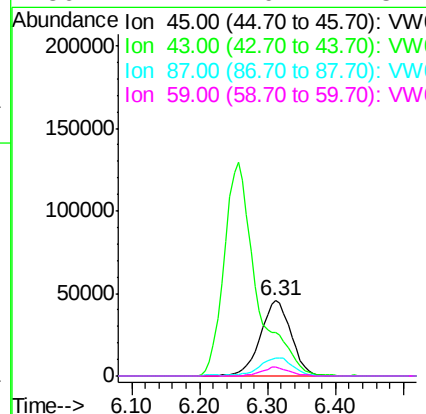
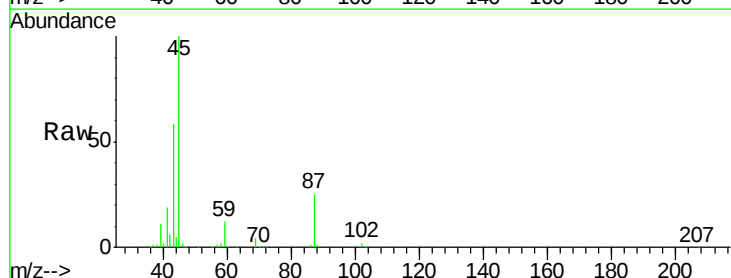
Ion Ratio Lower Upper

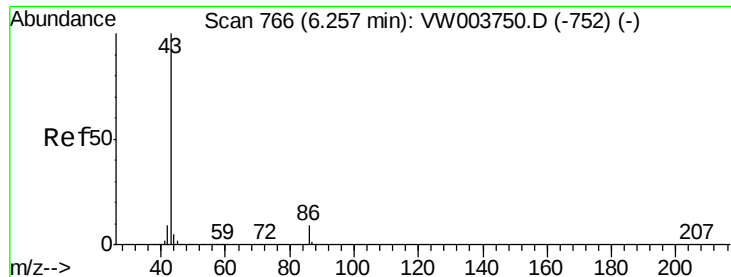
45 100

43 58.0 44.5 66.7

87 24.5 19.6 29.4

59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 105.359 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

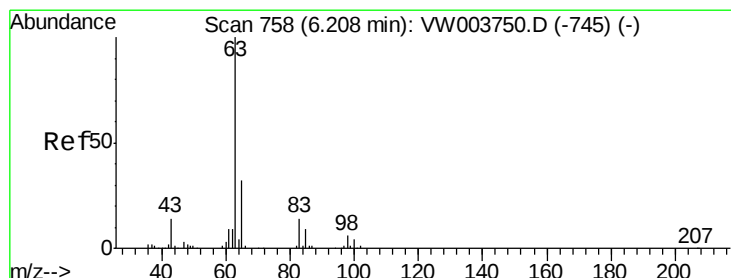
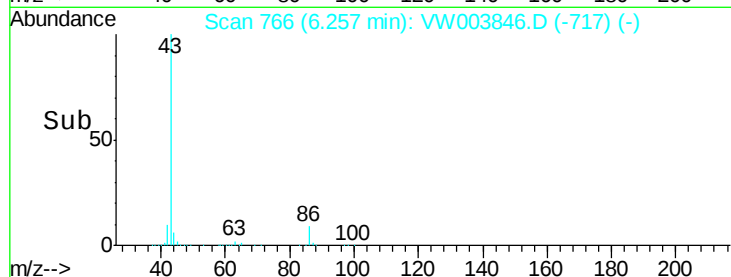
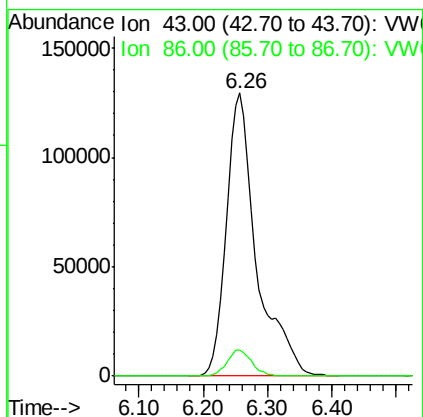
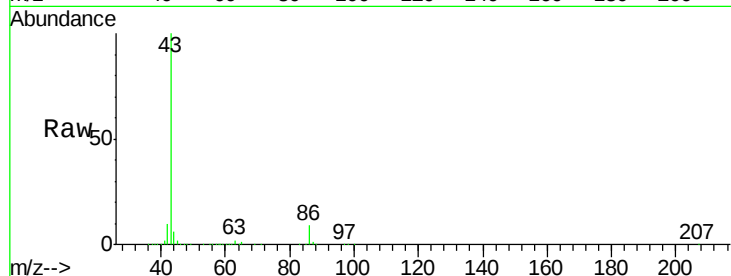
VW0710SBSD02

Tot Ion: 43 Resp: 426667

Ion Ratio Lower Upper

43 100

86 9.0 7.3 10.9



#24

1,1-Dichloroethane

Concen: 21.701 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

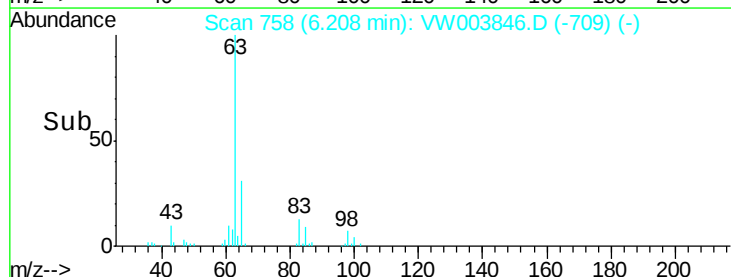
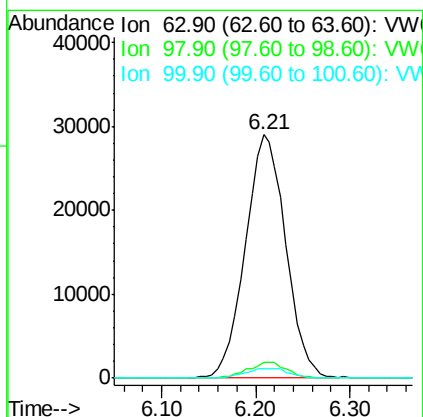
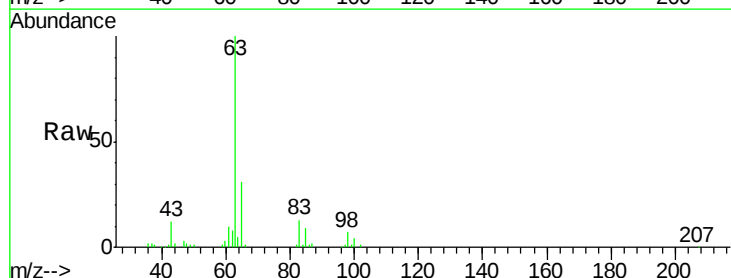
Tgt Ion: 63 Resp: 87069

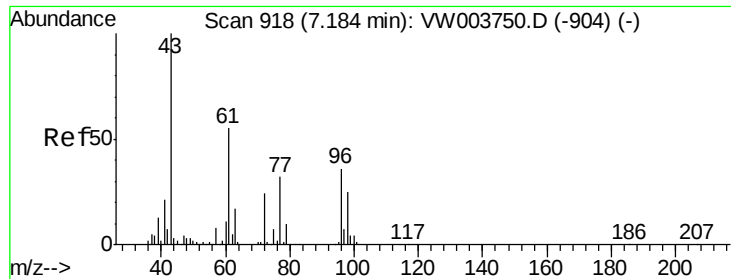
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.1 2.1 6.2

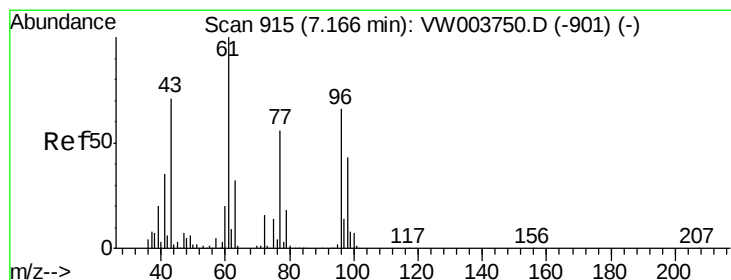
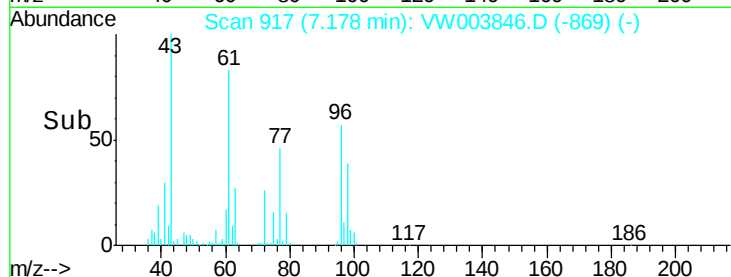
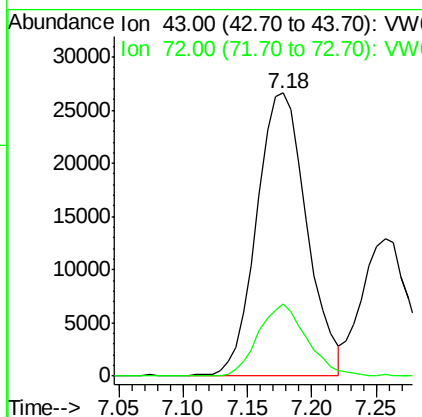
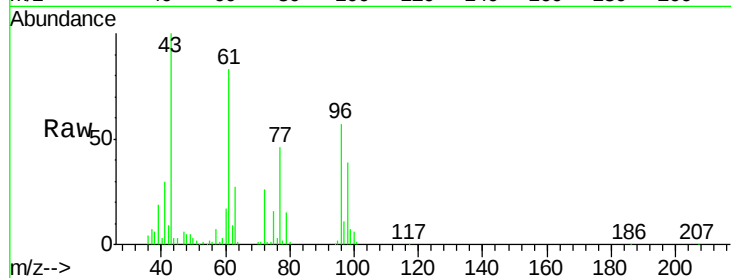




#25
2-Butanone
Concen: 109.607 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

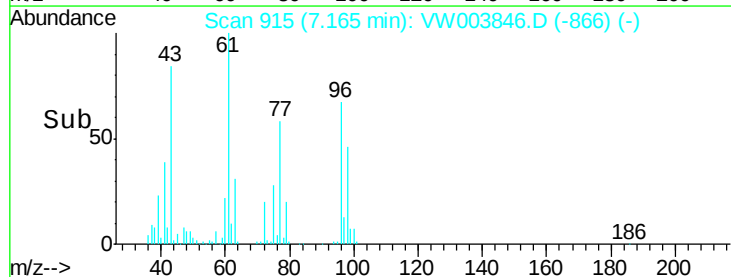
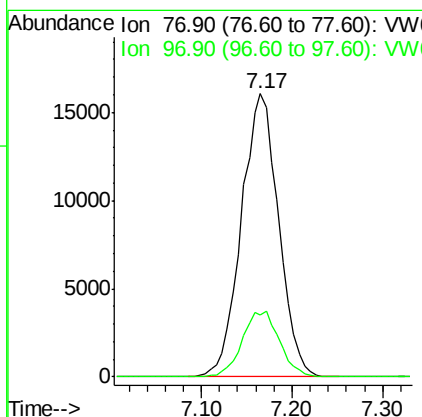
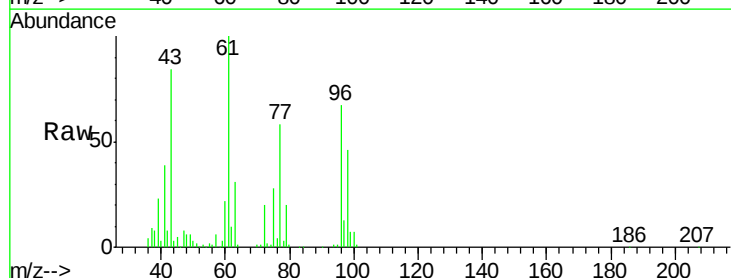
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

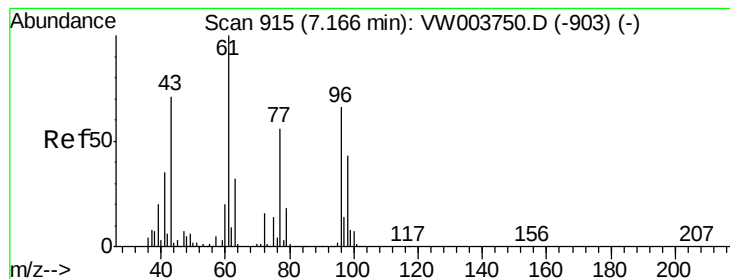
Tot Ion: 43 Resp: 71965
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 20.946 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 77 Resp: 45583
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5



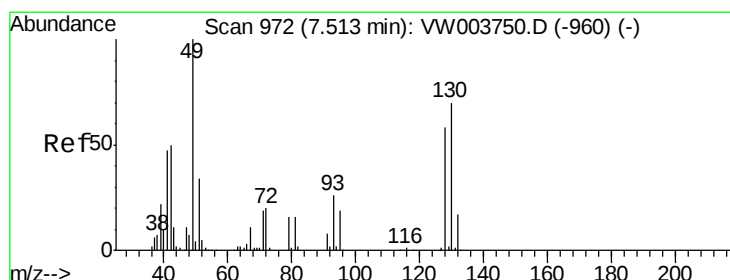
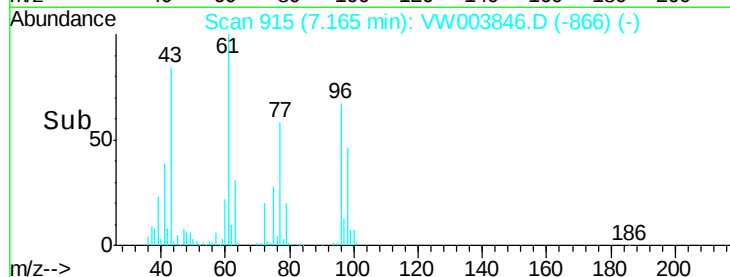
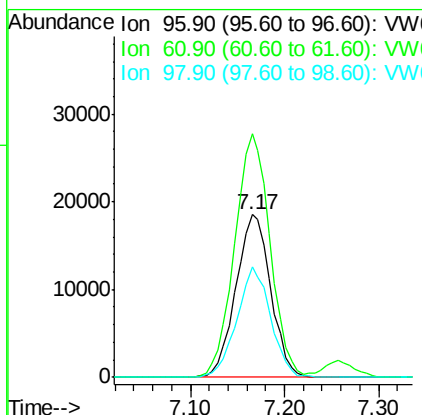
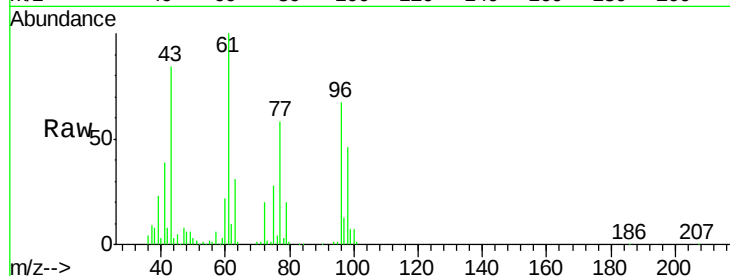


#27

cis-1,2-Dichloroethene
 Concen: 21.109 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

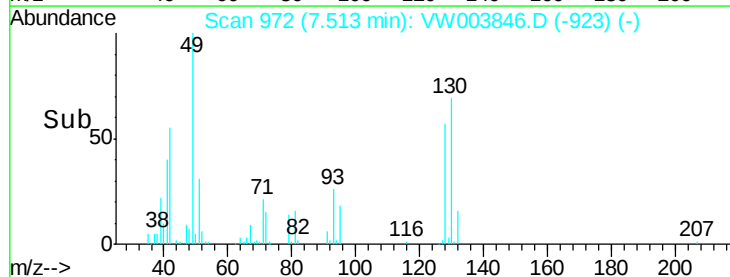
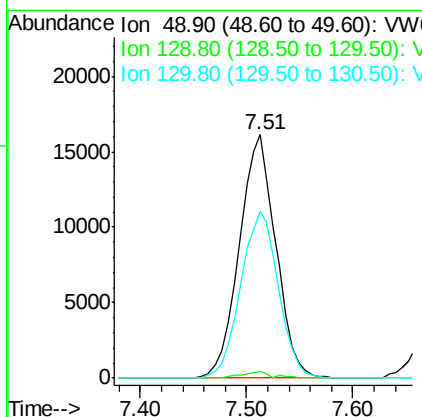
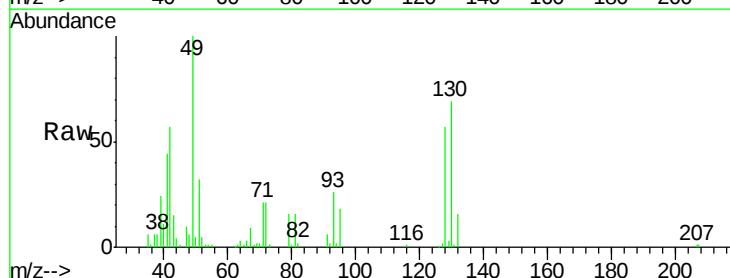
Tot Ion	96	Resp	47964
Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	300.8
98	65.6	0.0	128.6

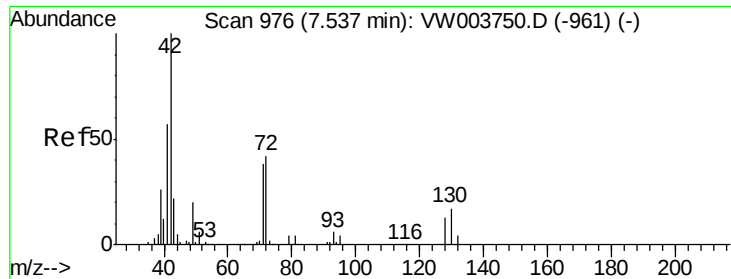


#28

Bromochloromethane
 Concen: 21.672 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion	49	Resp	38737
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	70.8	56.9	85.3





#29

Tetrahydrofuran

Concen: 110.733 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

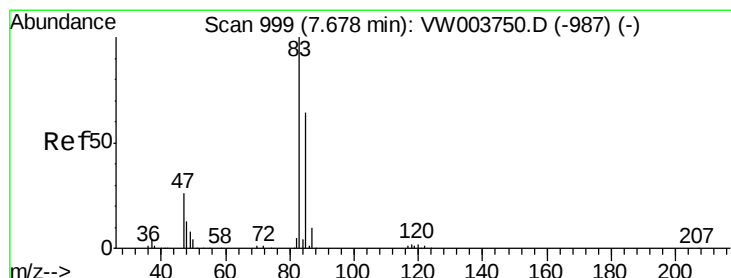
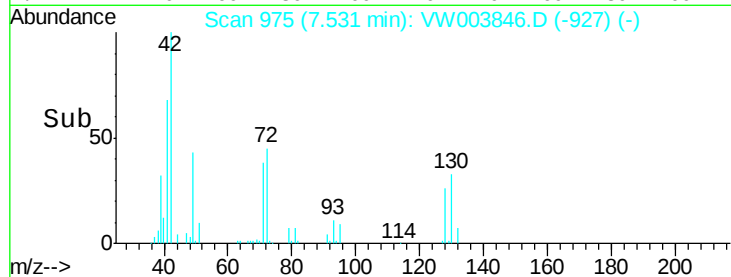
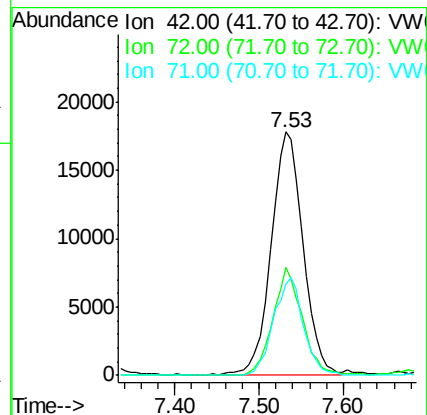
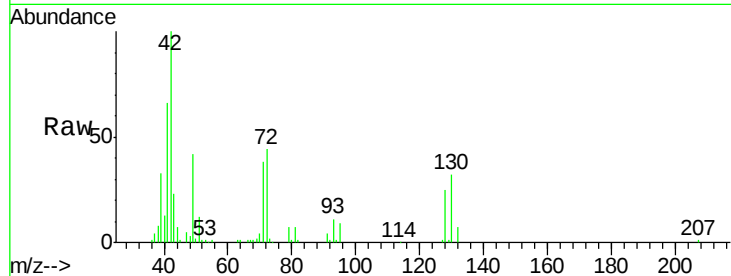
Tot Ion: 42 Resp: 46737

Ion Ratio Lower Upper

42 100

72 40.5 31.8 47.8

71 37.5 30.3 45.5



#30

Chloroform

Concen: 21.739 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW003846.D

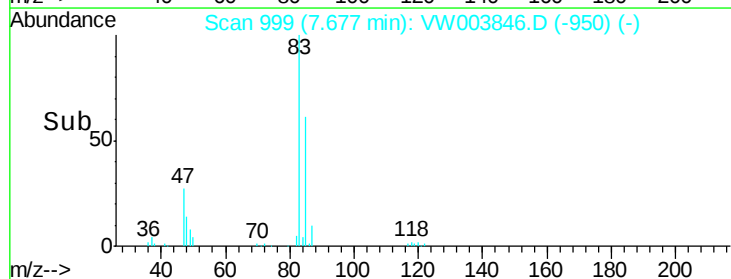
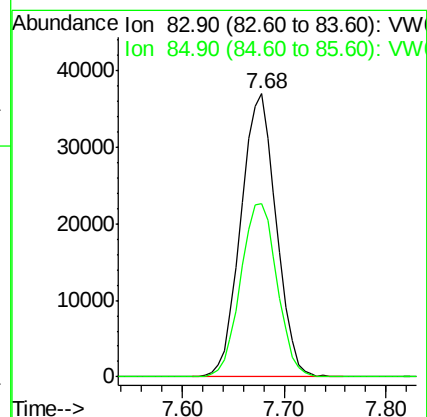
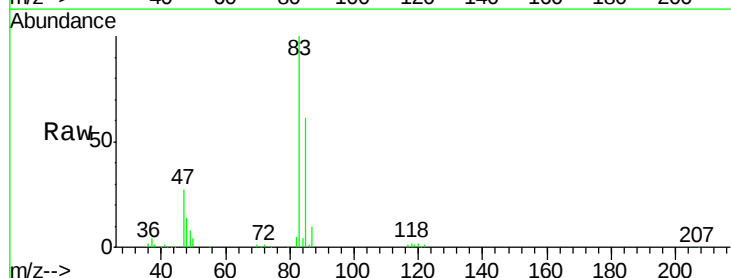
Acq: 11 Jul 2018 02:03

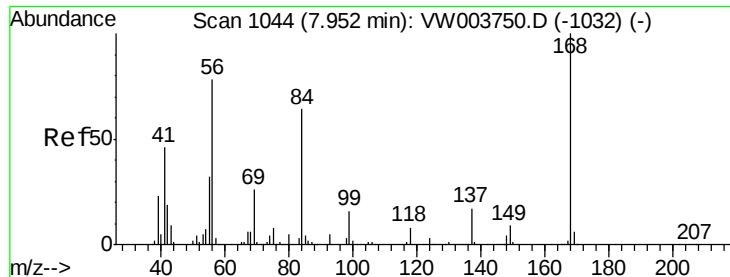
Tgt Ion: 83 Resp: 88977

Ion Ratio Lower Upper

83 100

85 61.3 51.5 77.3





#31

Cyclohexane

Concen: 21.435 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

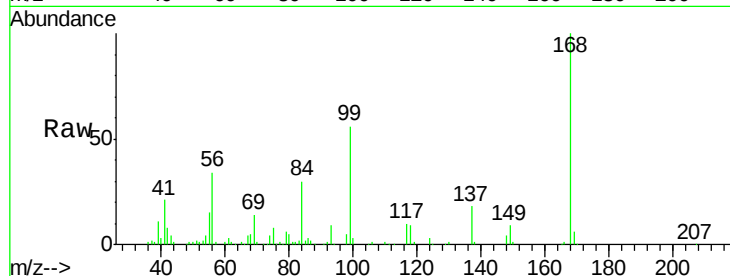
Tot Ion: 56 Resp: 75576

Ion Ratio Lower Upper

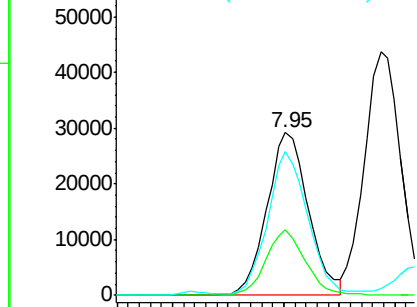
56 100

69 40.6 26.2 39.4#

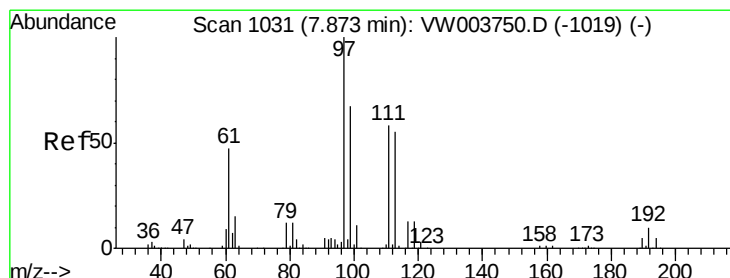
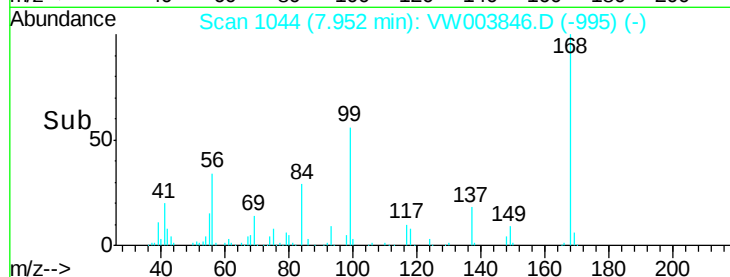
84 86.1 65.5 98.3



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



Time-->



#32

1,1,1-Trichloroethane

Concen: 21.838 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

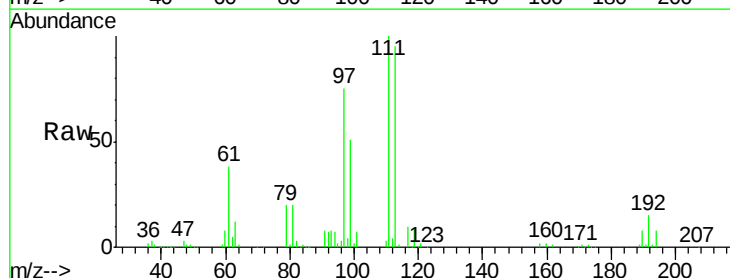
Tgt Ion: 97 Resp: 68027

Ion Ratio Lower Upper

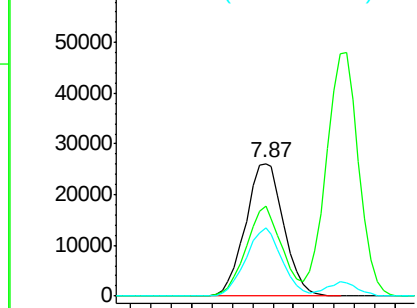
97 100

99 63.8 51.2 76.8

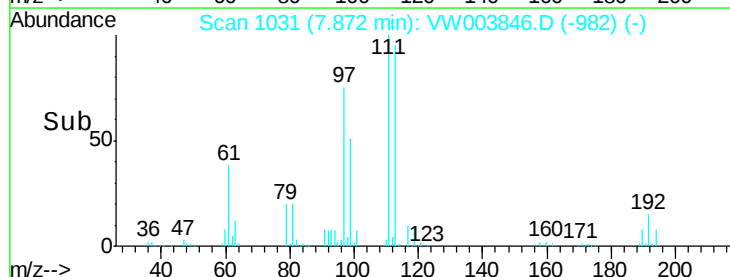
61 48.7 37.6 56.4

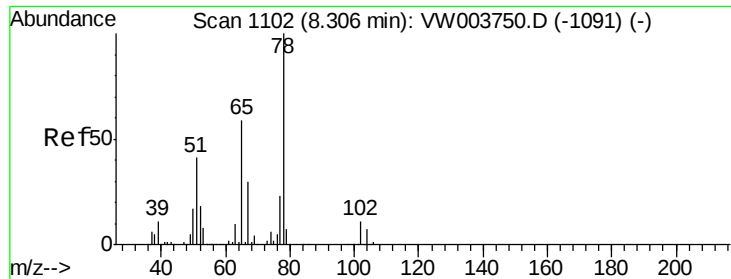


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW



Time-->

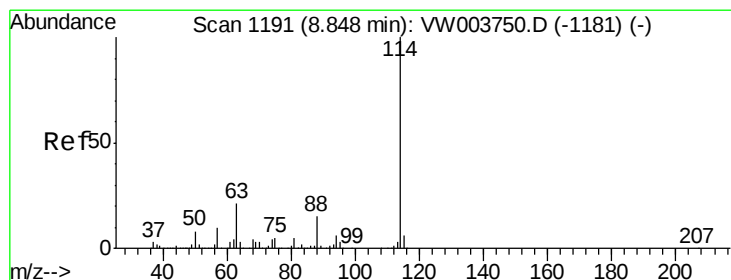
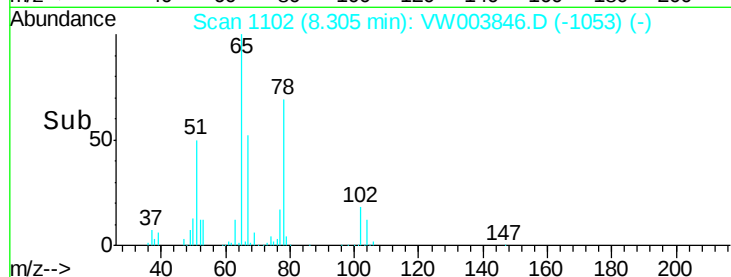
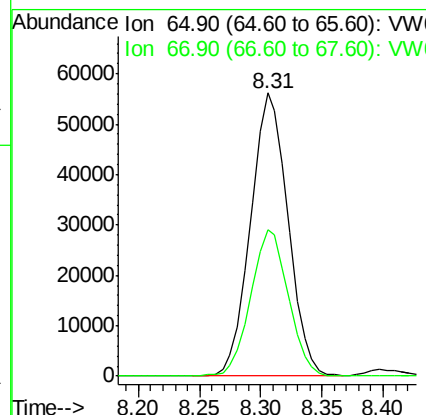
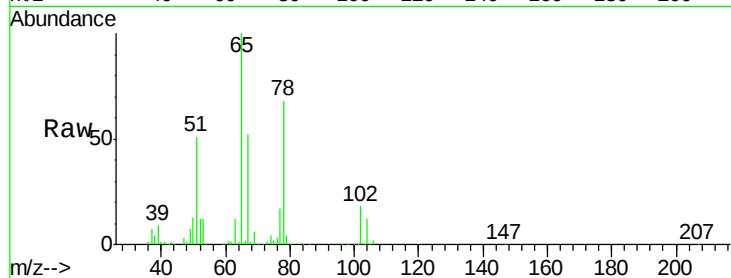




#33
 1,2-Dichloroethane-d4
 Concen: 49.510 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

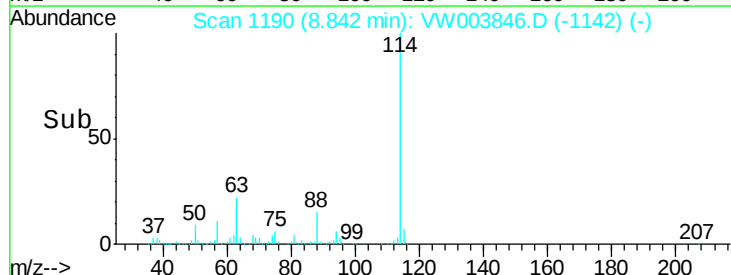
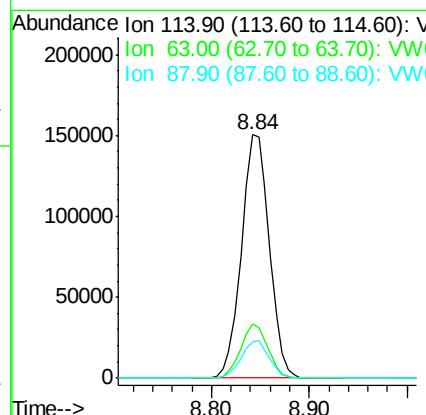
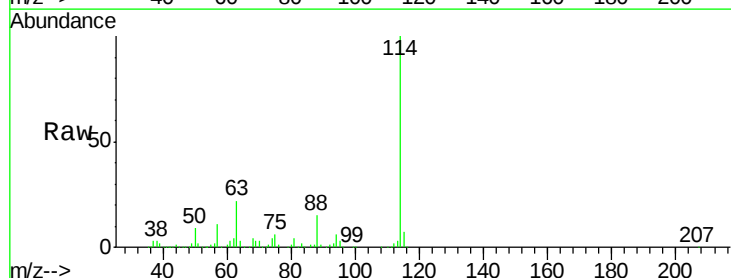
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

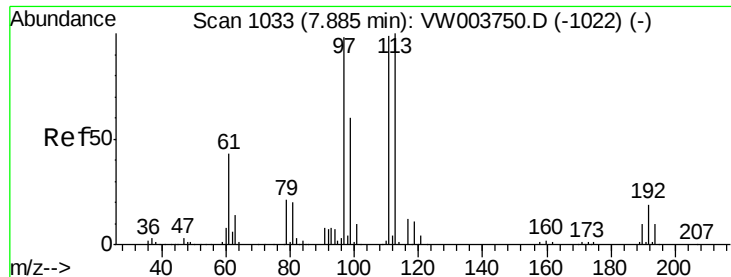
Tot Ion: 65 Resp: 119623
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion: 114 Resp: 296903
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.8
 88 15.1 0.0 30.2

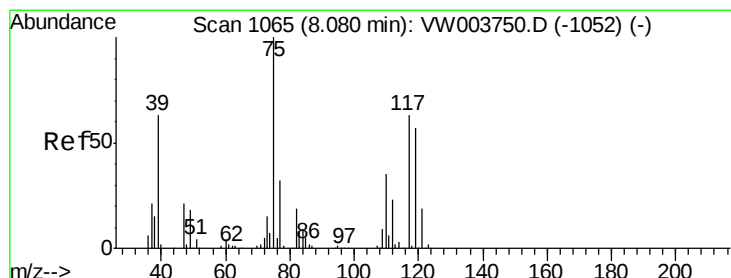
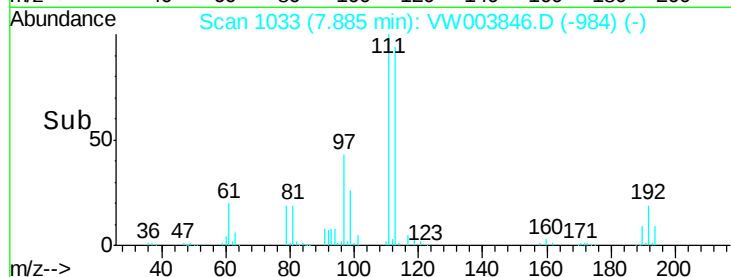
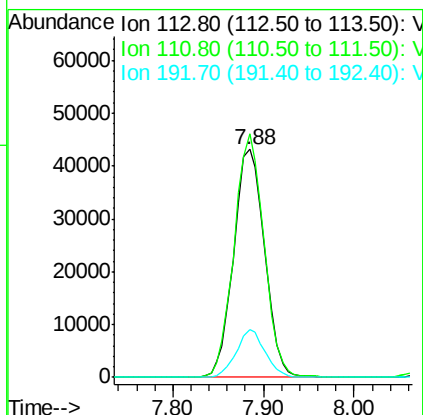
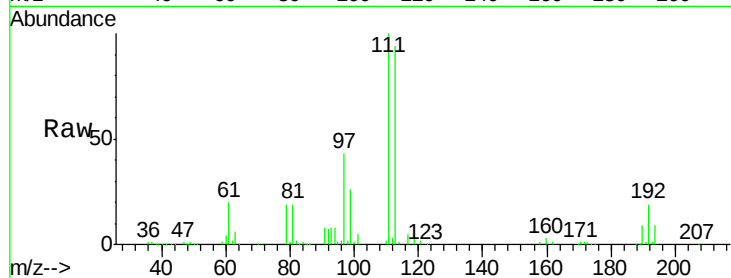




#35
 Dibromofluoromethane
 Concen: 49.323 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

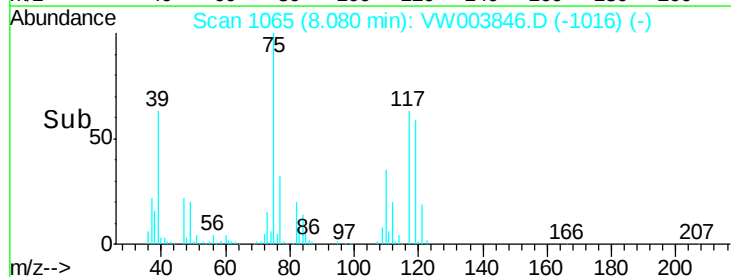
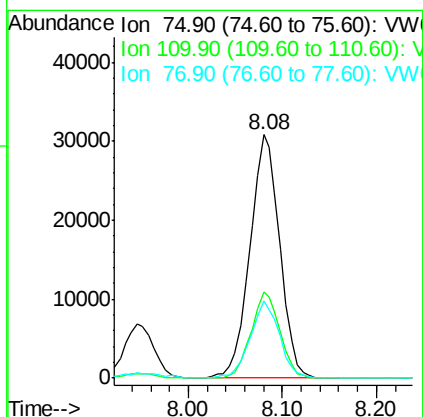
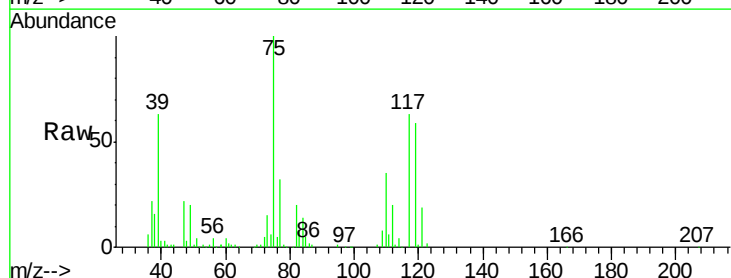
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

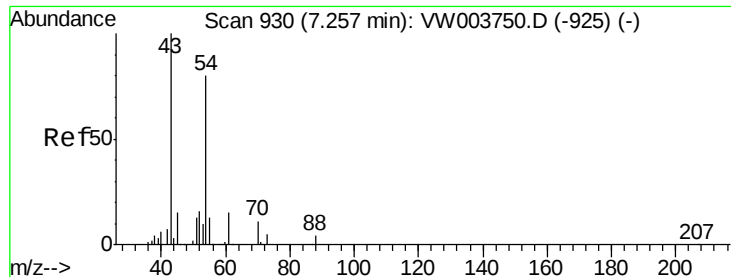
Tot Ion:113 Resp: 102493
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.7 122.5
 192 19.4 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 21.691 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion: 75 Resp: 68333
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.9 50.6
 77 31.3 24.8 37.2

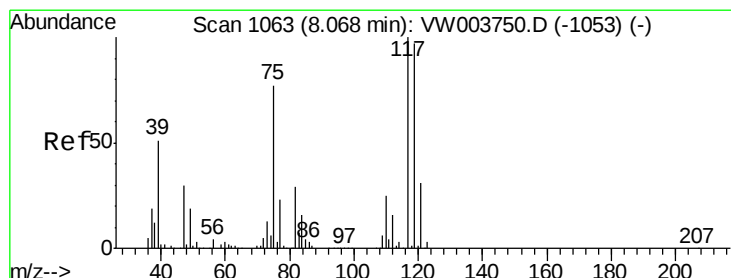
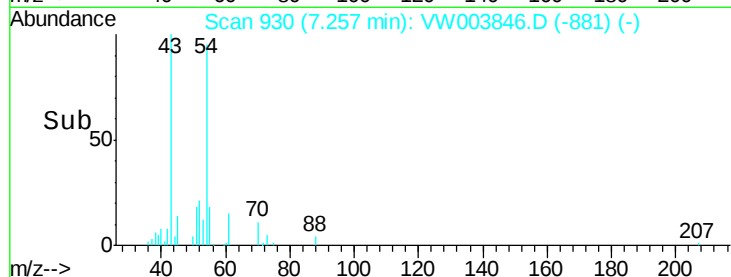
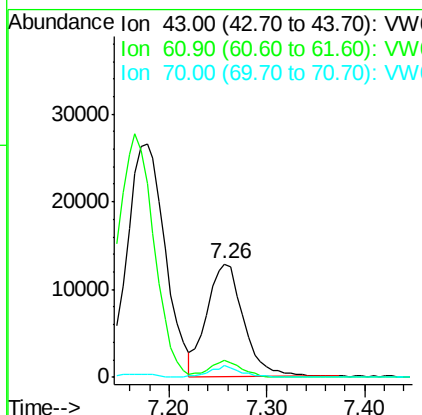
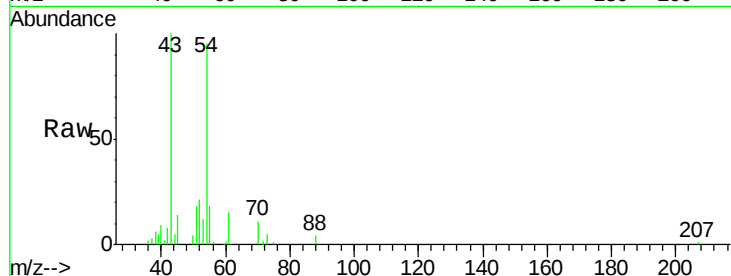




#37
Ethyl Acetate
Concen: 21.928 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

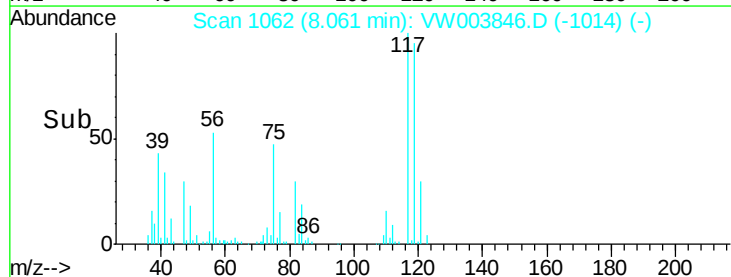
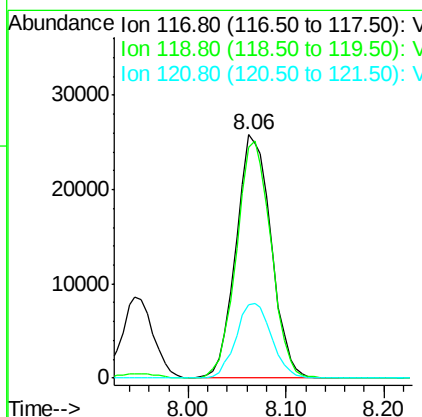
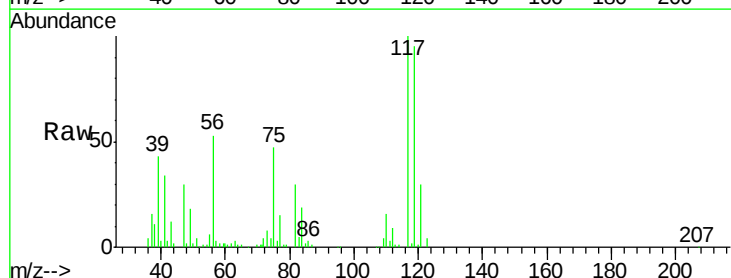
Instrument :
MSVOA_W
ClientSampleID :
VW0710SBSD02

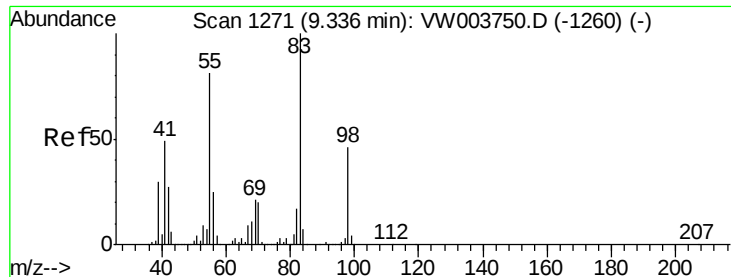
Tot Ion: 43 Resp: 33613
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 8.7 7.5 11.3



#38
Carbon Tetrachloride
Concen: 21.455 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 117 Resp: 64264
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.2
121 30.3 24.6 37.0

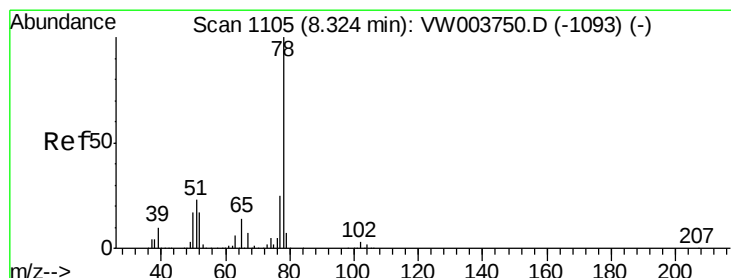
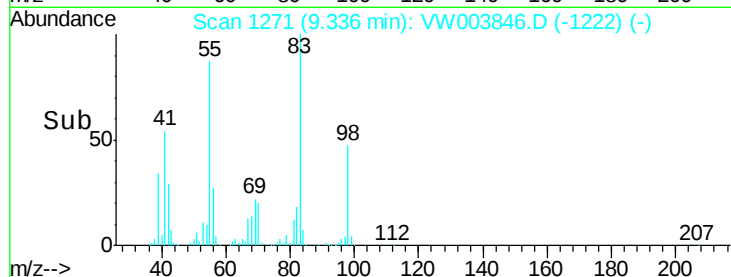
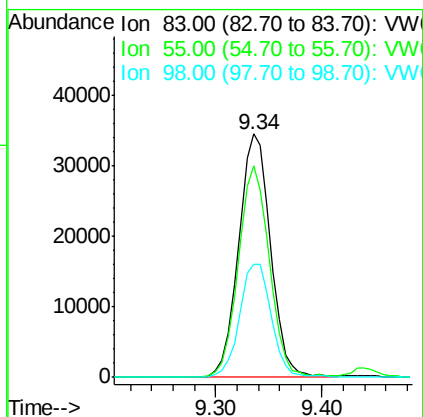
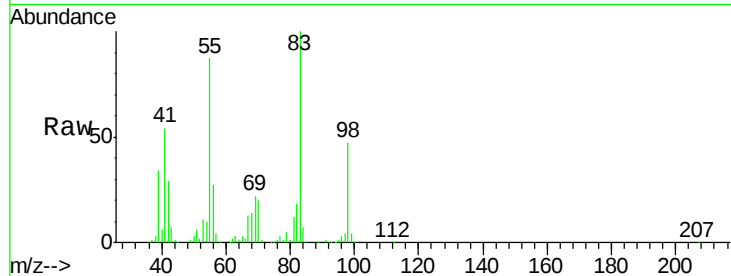




#39
Methvlcvclohexane
Concen: 21.083 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

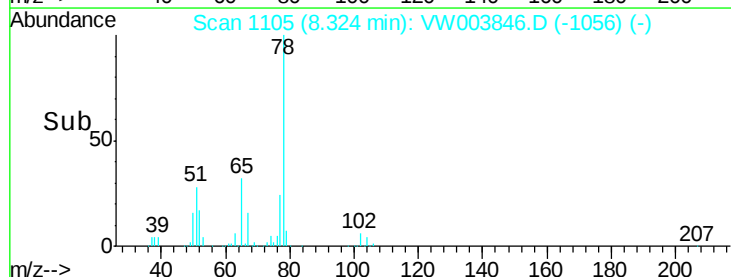
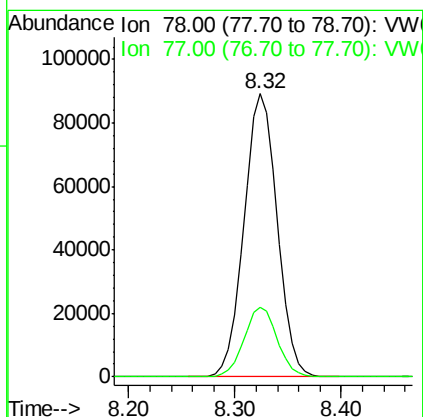
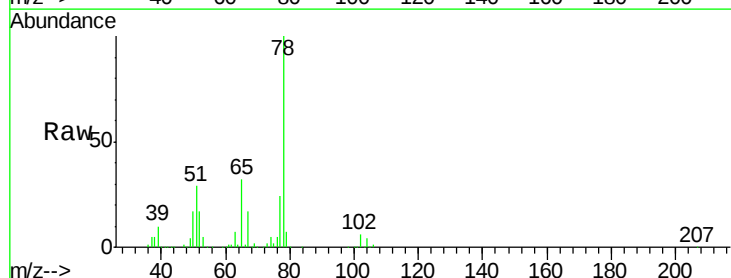
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

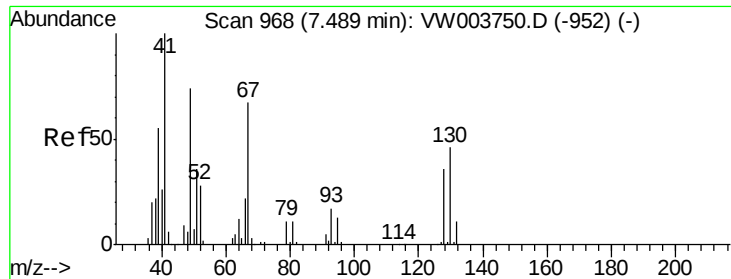
Tot Ion: 83 Resp: 72744
Ion Ratio Lower Upper
83 100
55 86.8 65.1 97.7
98 46.7 36.7 55.1



#40
Benzene
Concen: 21.692 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 78 Resp: 195359
Ion Ratio Lower Upper
78 100
77 24.5 19.7 29.5

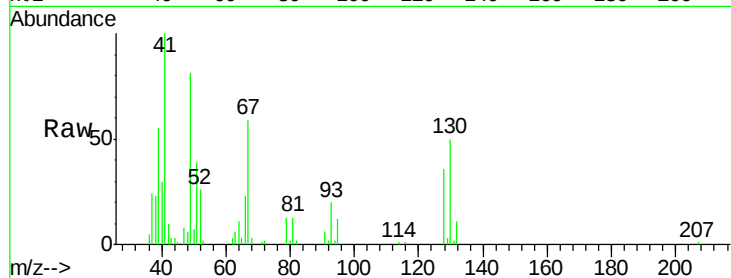




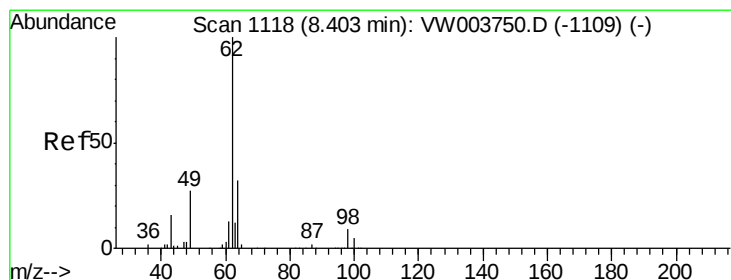
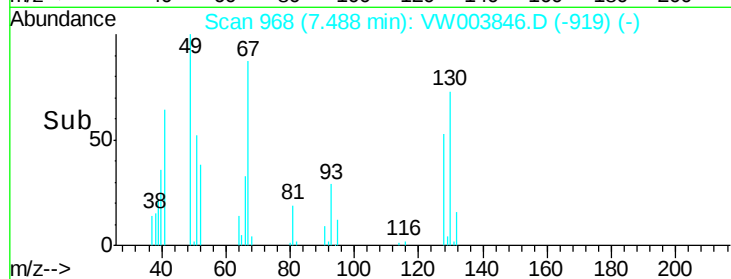
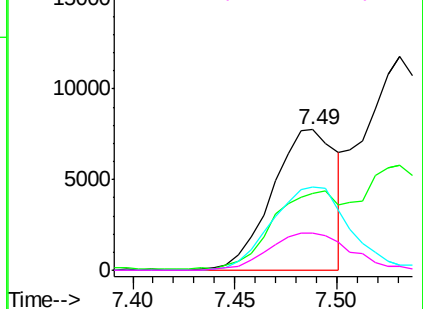
#41
Methacrylonitrile
Concen: 19.311 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion:	41	Resp:	17027
Ion	Ratio	Lower	Upper
41	100		
39	56.6	49.5	74.3
67	71.8	53.8	80.8
52	34.8	24.3	36.5

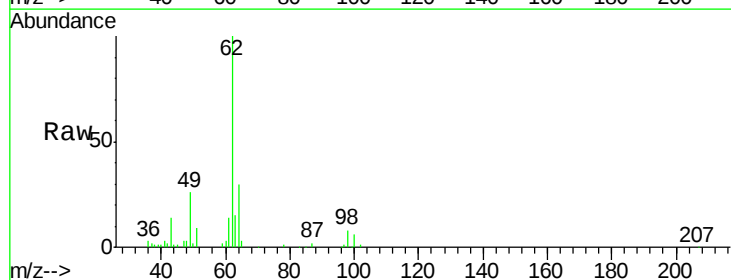


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

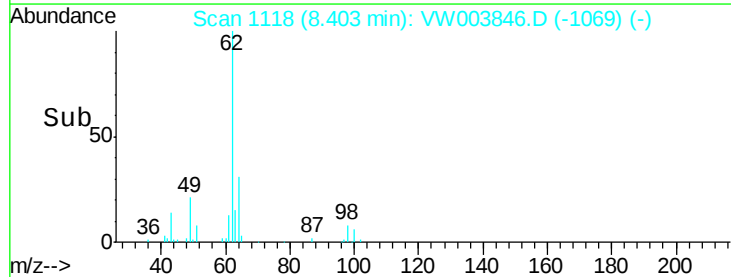
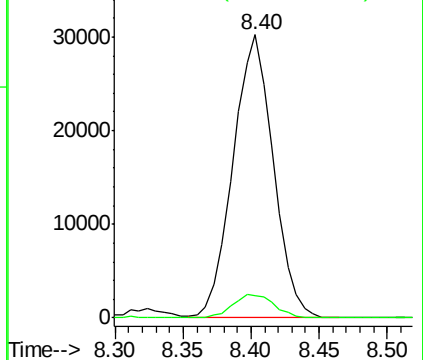


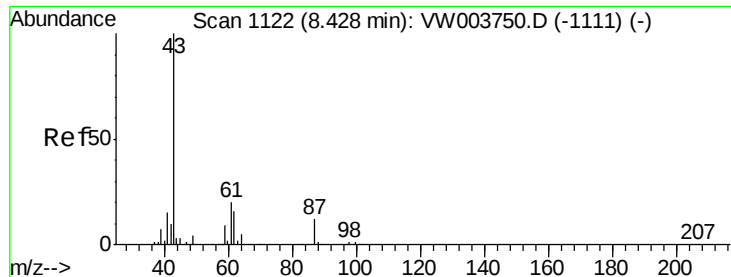
#42
1,2-Dichloroethane
Concen: 21.452 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion:	62	Resp:	62527
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: 21.227 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

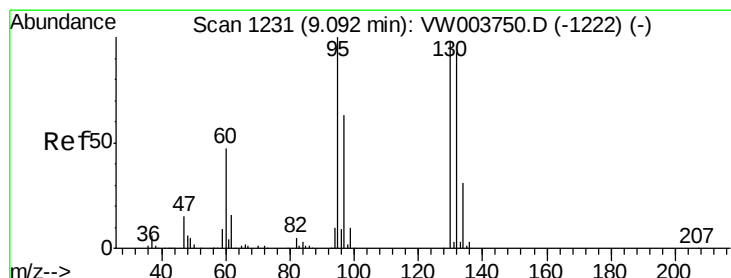
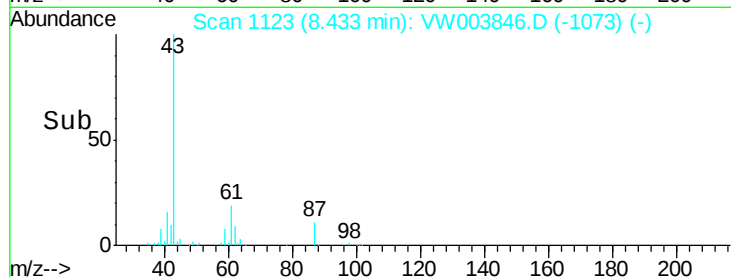
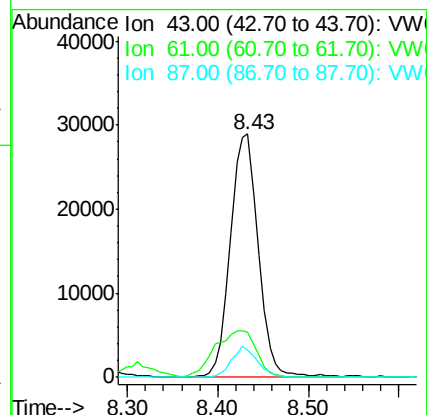
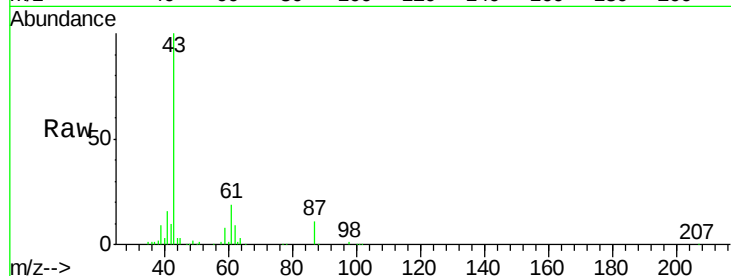
Tot Ion: 43 Resp: 61668

Ion Ratio Lower Upper

43 100

61 28.8 22.8 34.2

87 11.6 9.5 14.3



#44

Trichloroethene

Concen: 21.745 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003846.D

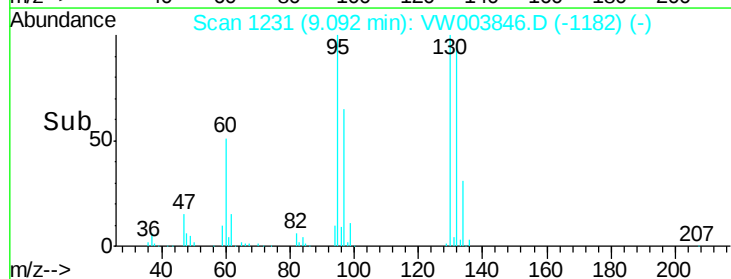
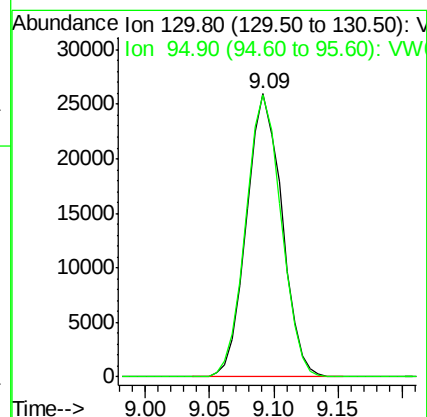
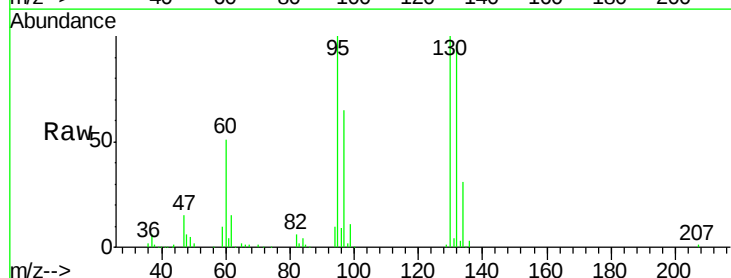
Acq: 11 Jul 2018 02:03

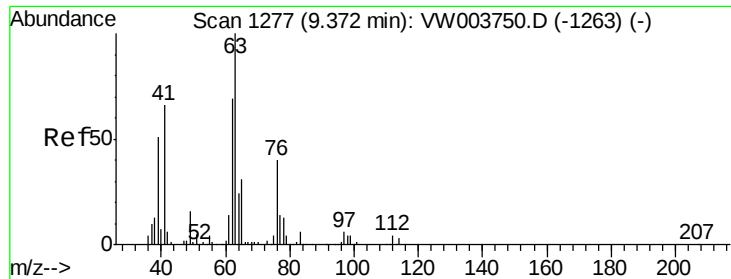
Tgt Ion: 130 Resp: 49373

Ion Ratio Lower Upper

130 100

95 99.6 0.0 203.8

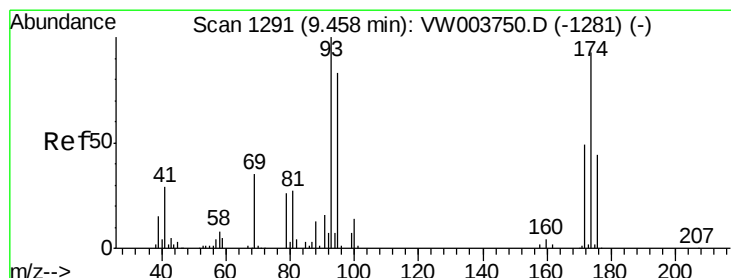
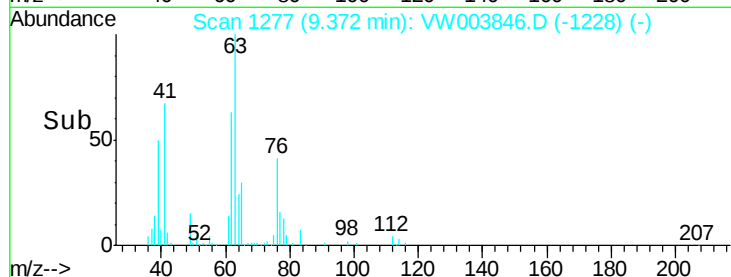
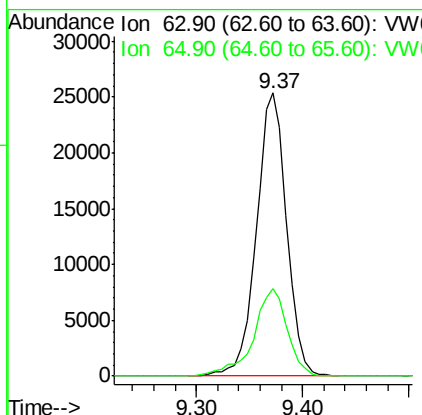
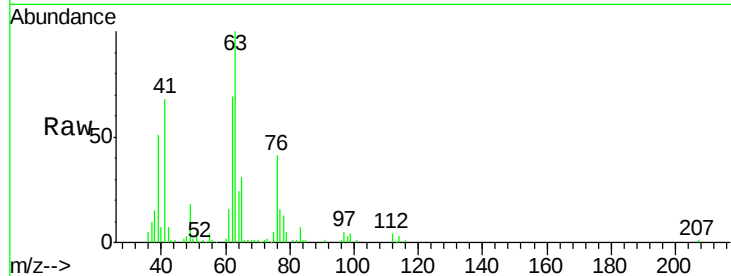




#45
 1,2-Dichloropropane
 Concen: 21.419 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

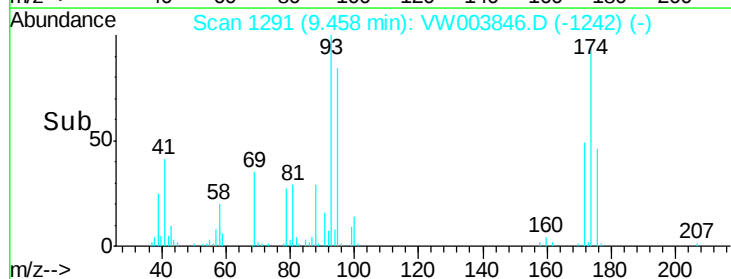
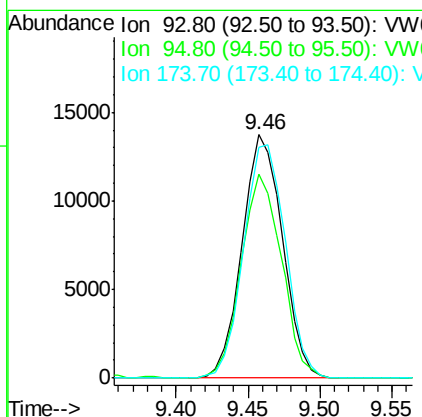
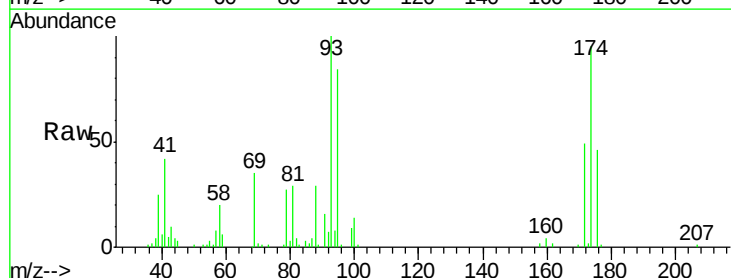
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

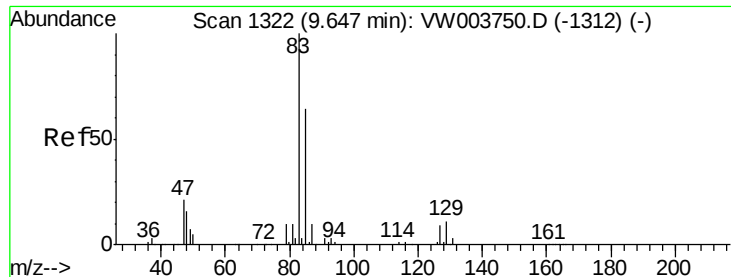
Tot Ion: 63 Resp: 50158
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 21.655 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion: 93 Resp: 26664
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.2 100.8
 174 99.2 78.1 117.1

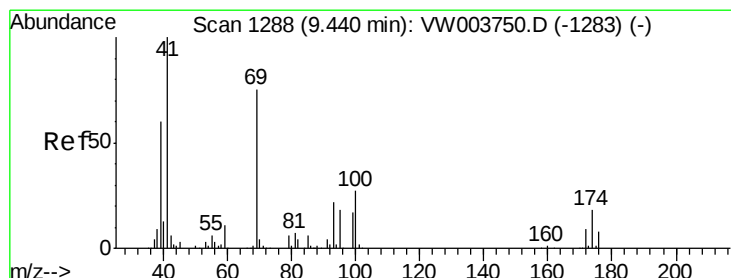
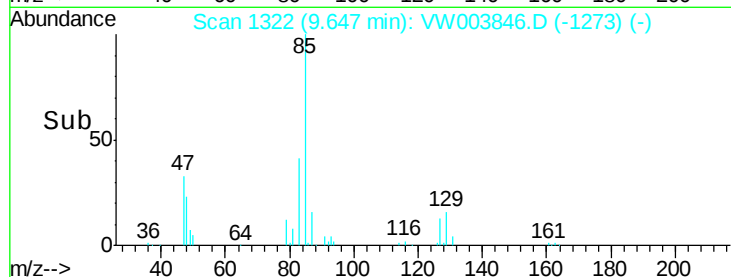
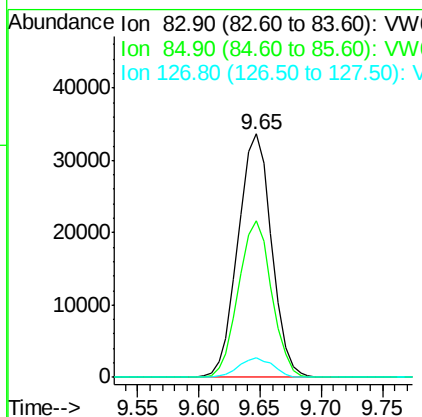
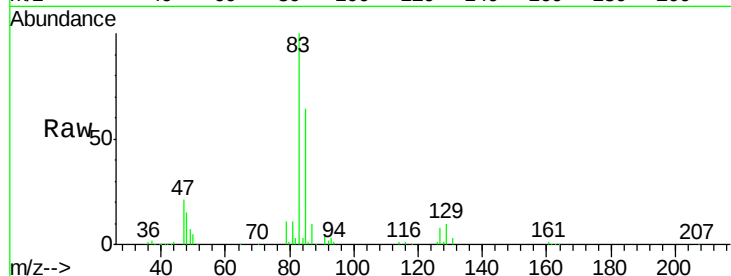




#47
 Bromodichloromethane
 Concen: 21.192 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

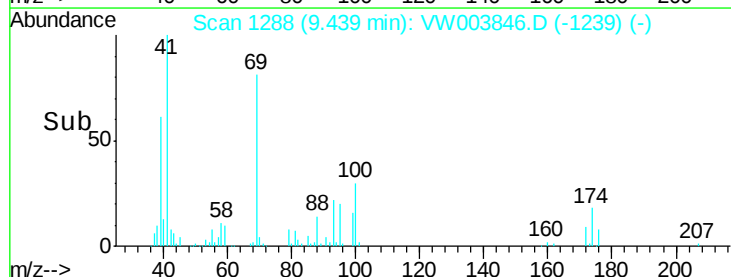
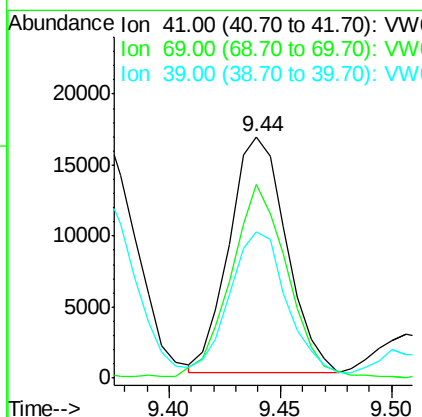
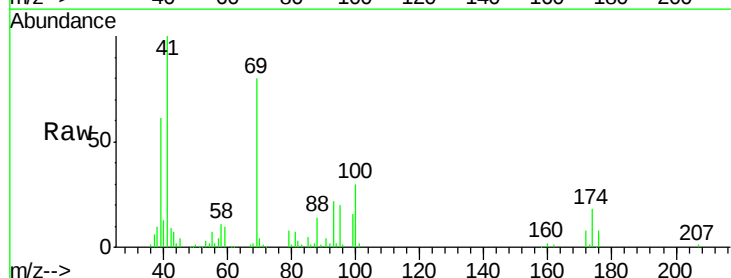
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

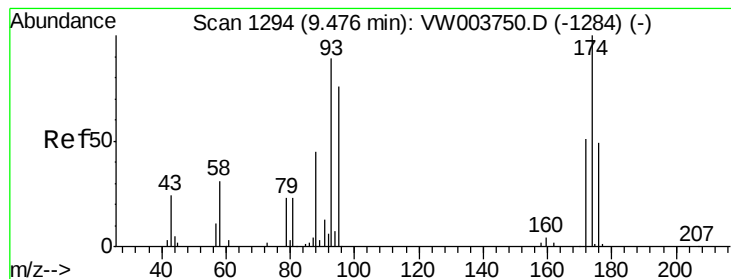
Tot Ion: 83 Resp: 64194
 Ion Ratio Lower Upper
 83 100
 85 64.2 51.4 77.0
 127 8.2 6.8 10.2



#48
 Methyl methacrylate
 Concen: 21.328 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion: 41 Resp: 29509
 Ion Ratio Lower Upper
 41 100
 69 82.6 63.8 95.8
 39 64.0 50.2 75.2





#49

1,4-Dioxane

Concen: 455.745 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.02 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

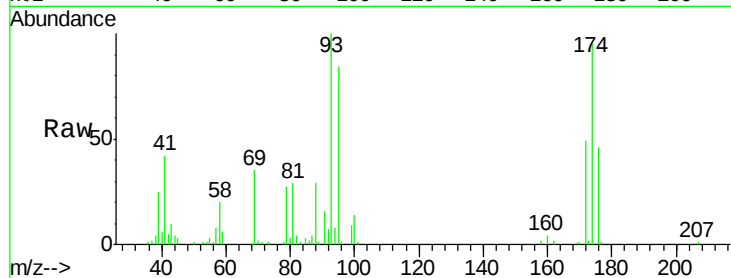
Tot Ion: 88 Resp: 8387

Ion Ratio Lower Upper

88 100

43 37.3 0.0 0.0#

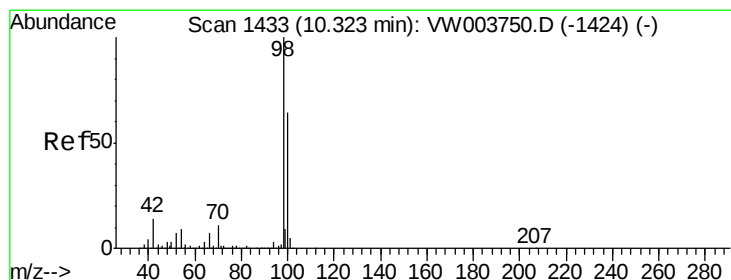
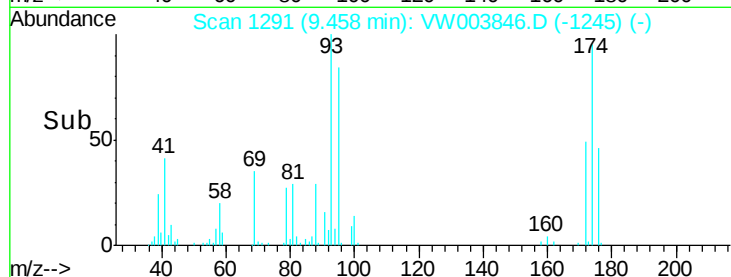
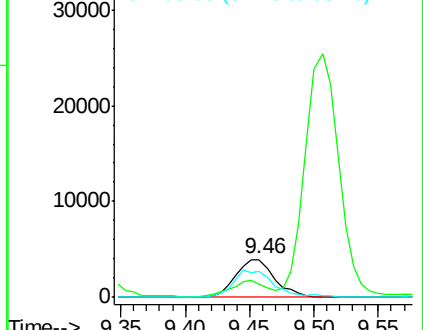
58 77.6 59.7 89.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.005 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW003846.D

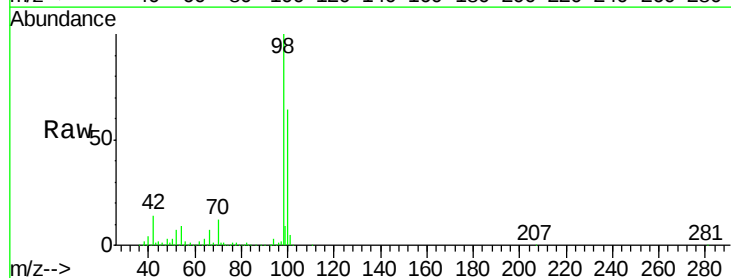
Acq: 11 Jul 2018 02:03

Tgt Ion: 98 Resp: 405427

Ion Ratio Lower Upper

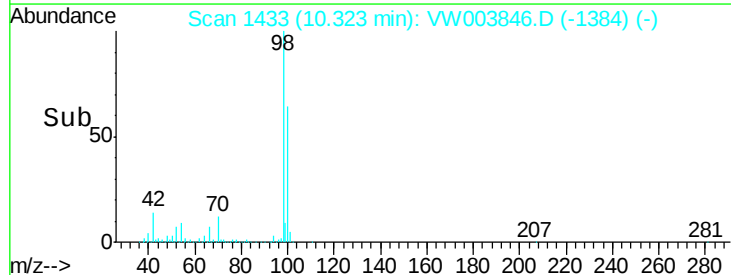
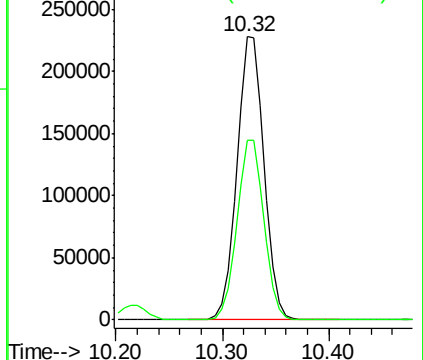
98 100

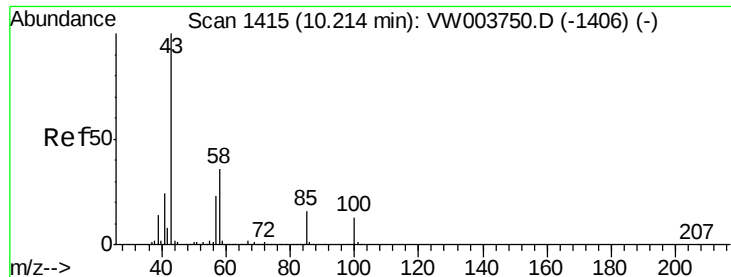
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 109.754 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleID :

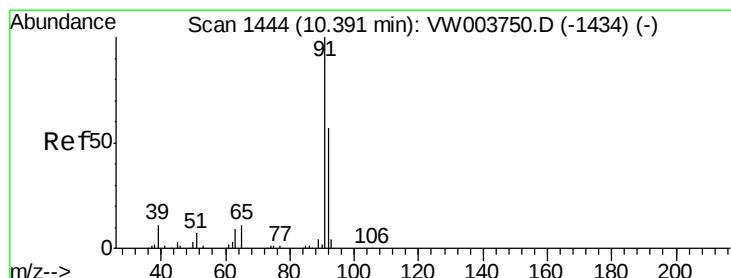
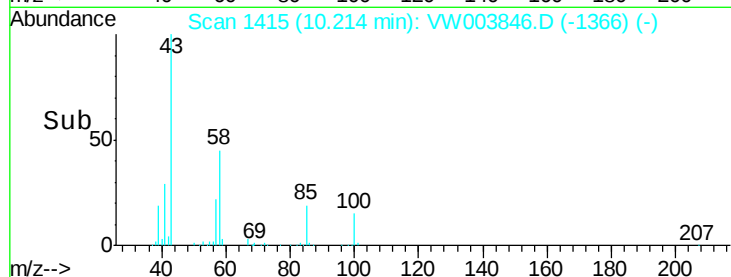
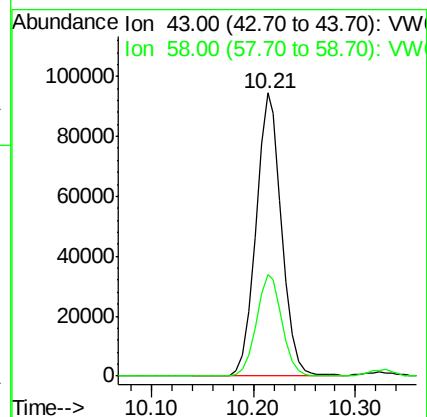
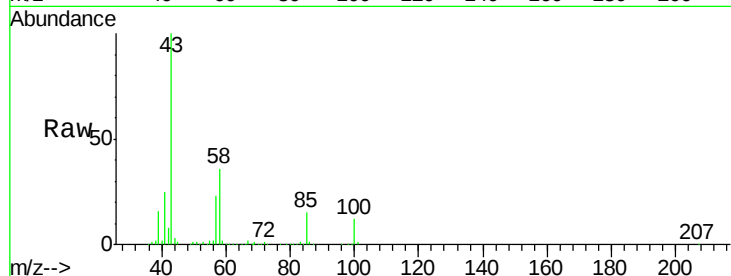
VW0710SBSD02

Tot Ion: 43 Resp: 164997

Ion Ratio Lower Upper

43 100

58 36.0 29.3 43.9



#52

Toluene

Concen: 21.980 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003846.D

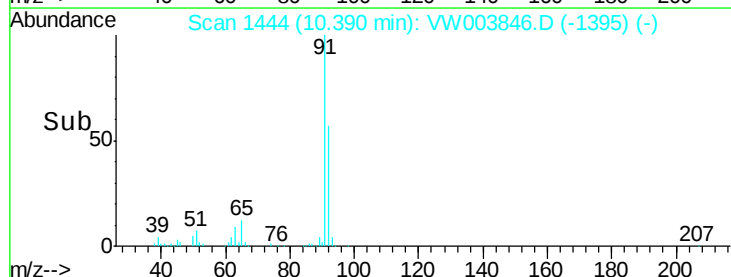
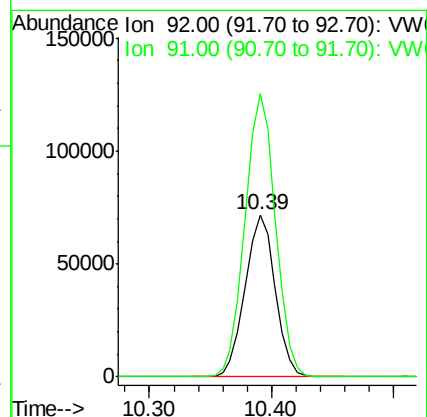
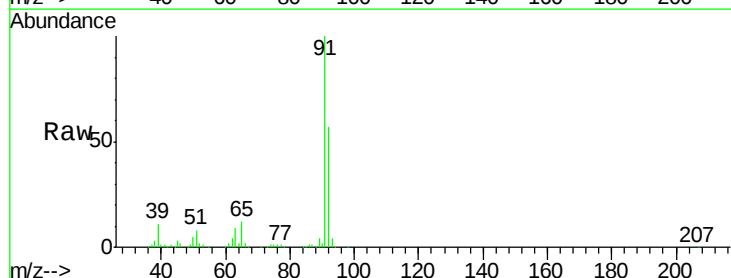
Acq: 11 Jul 2018 02:03

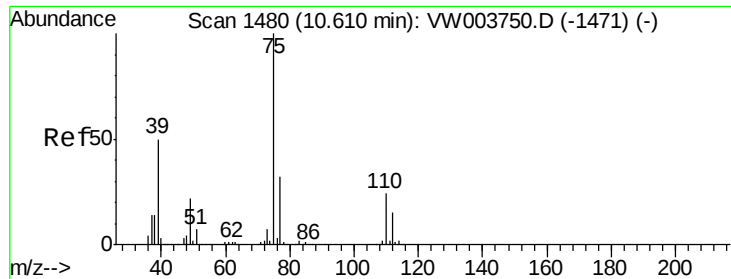
Tgt Ion: 92 Resp: 122748

Ion Ratio Lower Upper

92 100

91 176.6 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 20.656 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

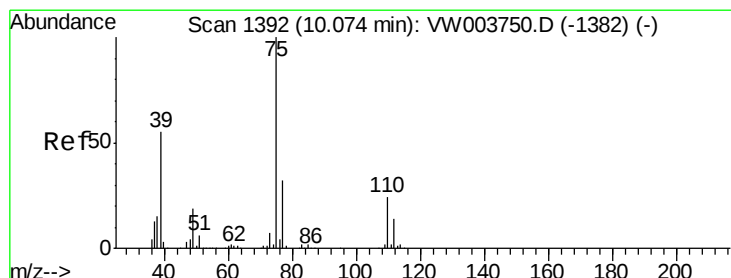
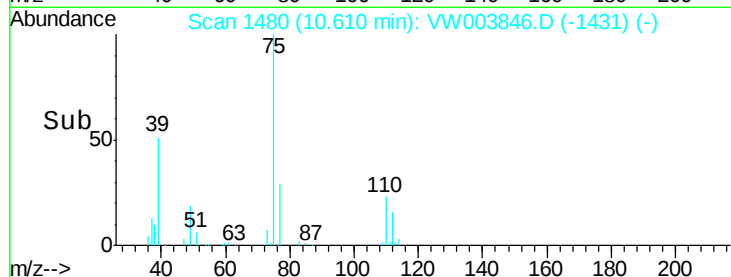
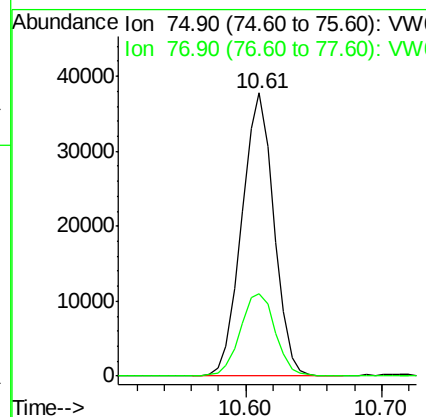
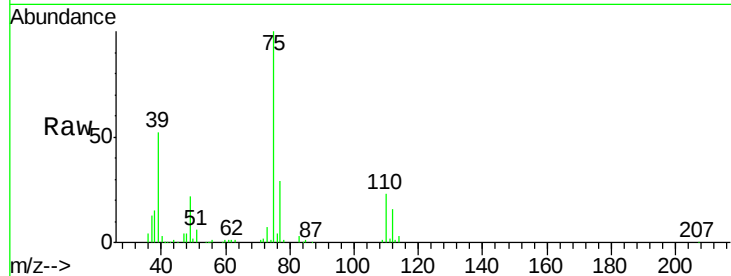
VW0710SBSD02

Tot Ion: 75 Resp: 62474

Ion Ratio Lower Upper

75 100

77 28.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 21.145 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

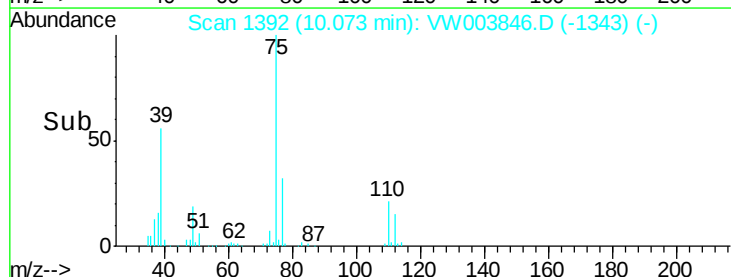
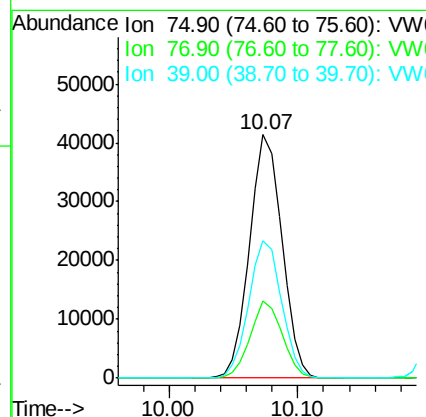
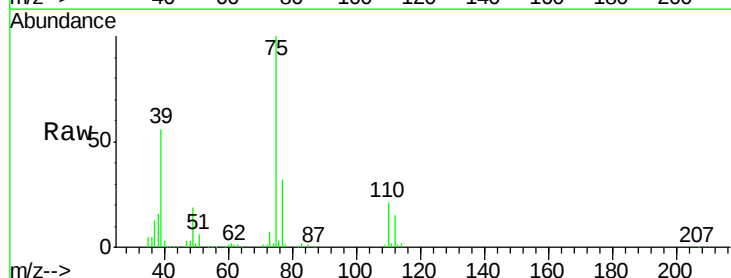
Tgt Ion: 75 Resp: 72194

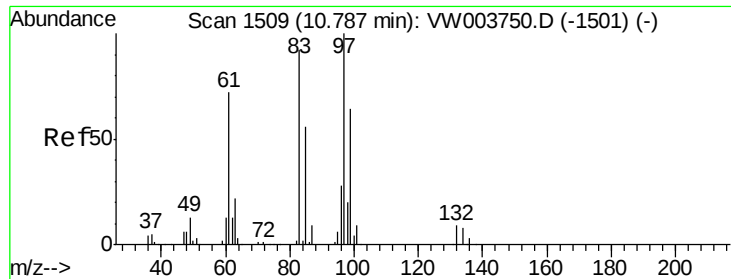
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 56.0 43.6 65.4

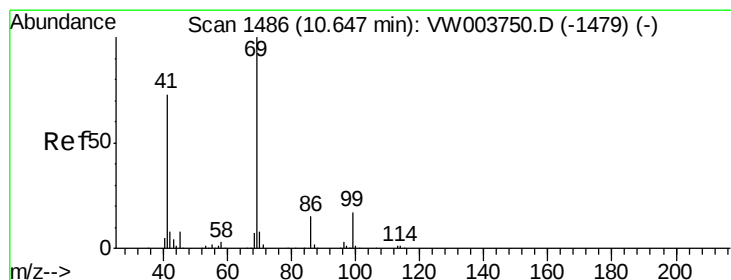
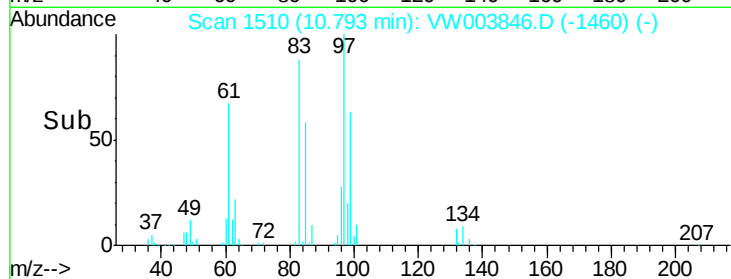
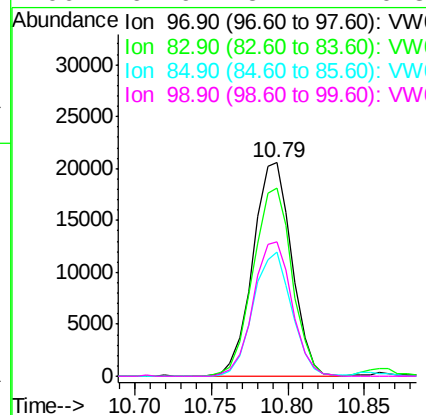
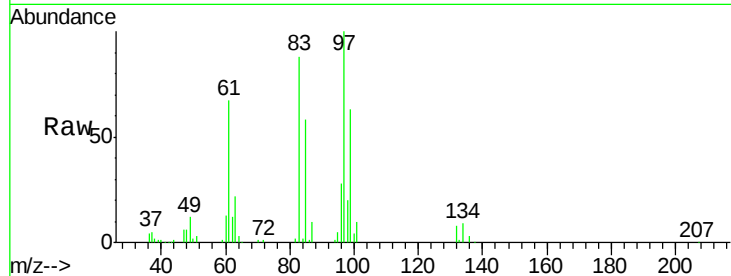




#55
 1,1,2-Trichloroethane
 Concen: 21.323 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

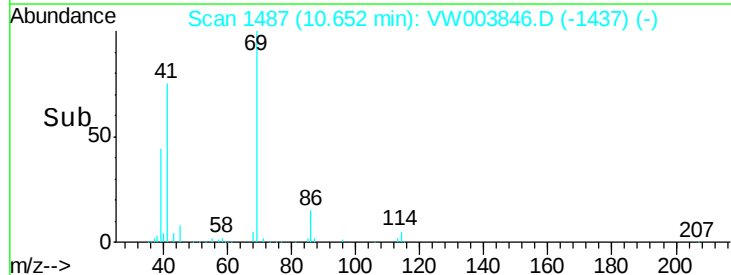
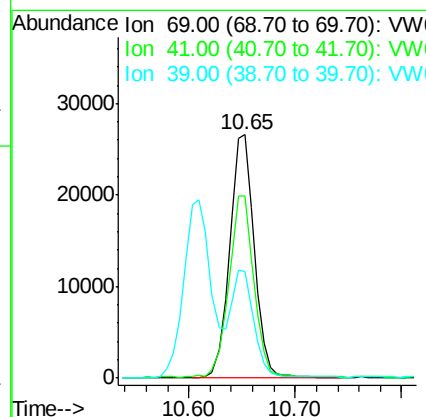
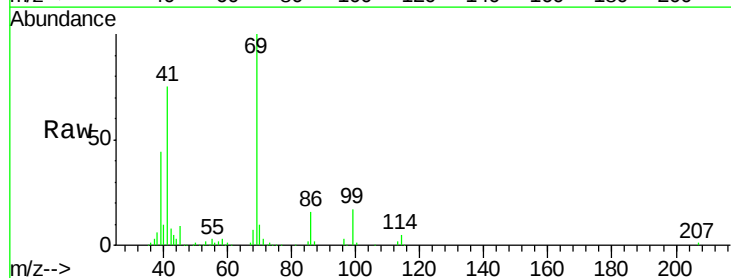
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

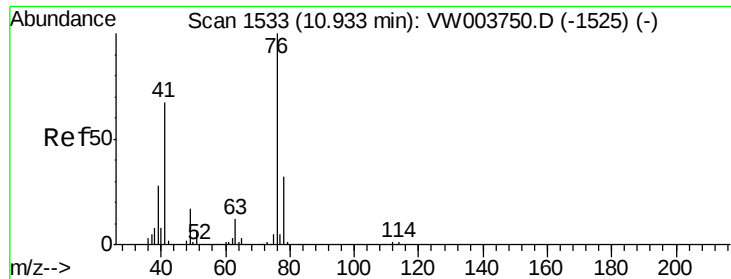
Tot Ion	97	Resp	36465
Ion	Ratio	Lower	Upper
97	100		
83	88.0	73.8	110.6
85	58.2	45.0	67.4
99	62.9	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 20.679 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion	69	Resp	43155
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.0	88.4
39	38.4	32.8	49.2

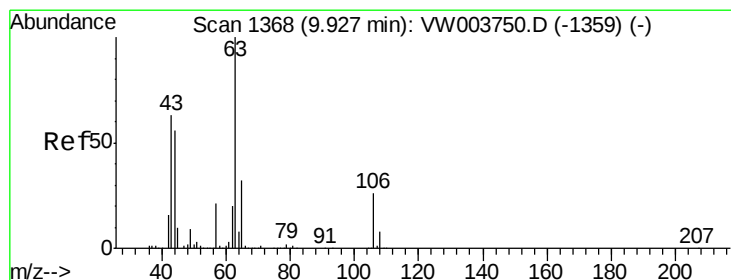
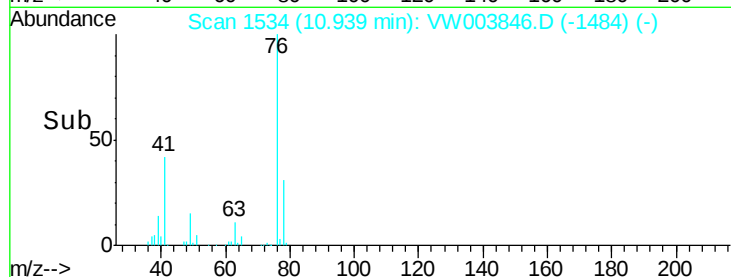
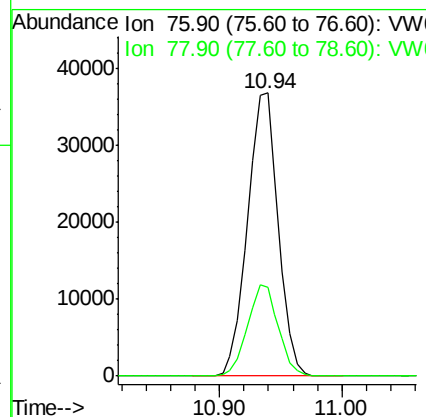
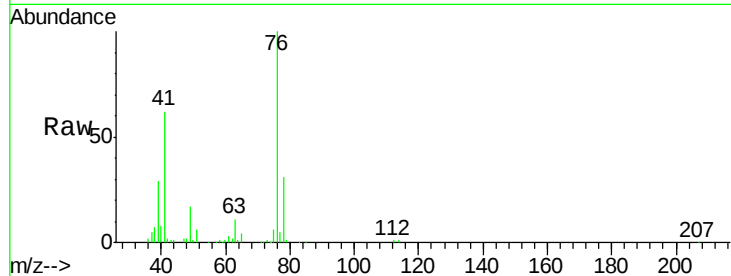




#57
 1,3-Dichloropropane
 Concen: 21.588 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

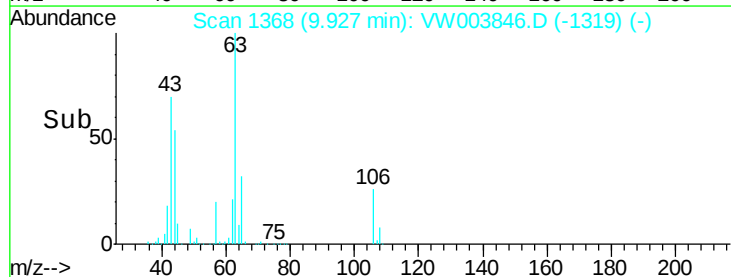
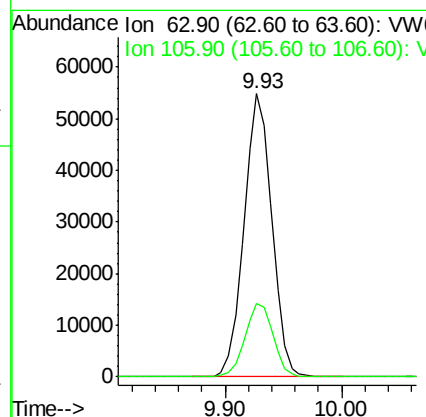
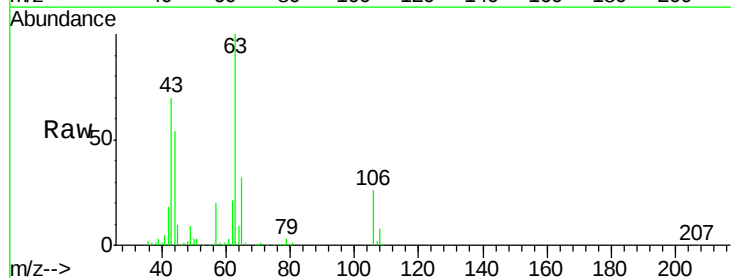
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

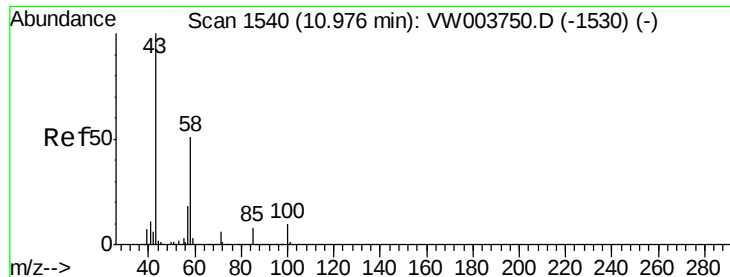
Tot Ion: 76 Resp: 64346
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.924 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion: 63 Resp: 91349
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.9 31.3





#59

2-Hexanone

Concen: 109.136 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

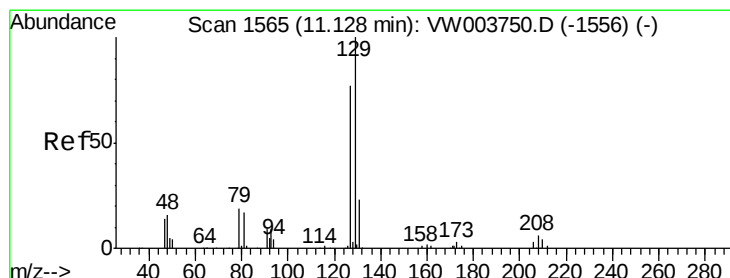
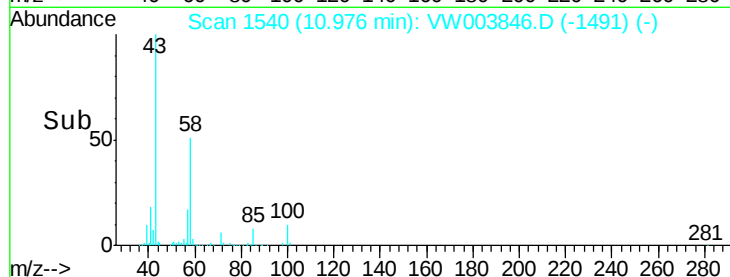
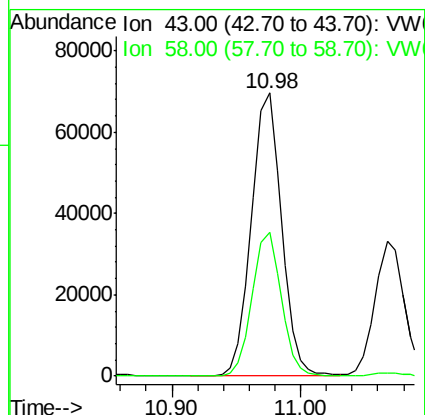
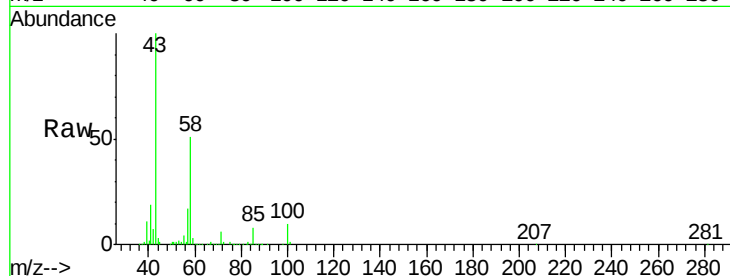
VW0710SBSD02

Tot Ion: 43 Resp: 112663

Ion Ratio Lower Upper

43 100

58 49.4 25.4 76.2



#60

Dibromochloromethane

Concen: 21.141 ug/l

RT: 11.13 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VW003846.D

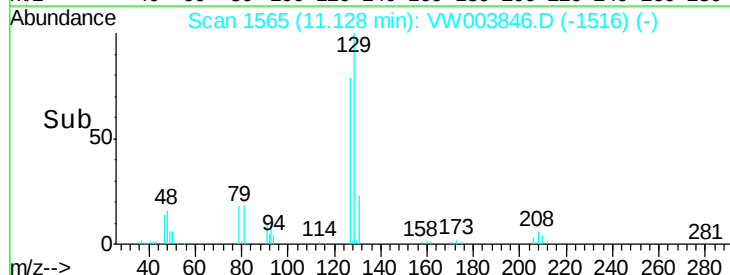
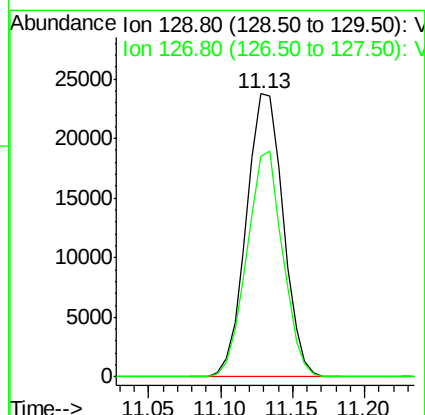
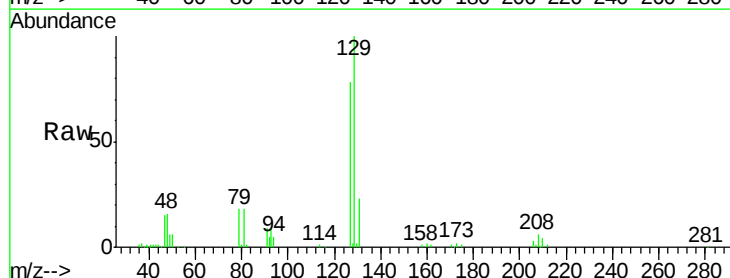
Acq: 11 Jul 2018 02:03

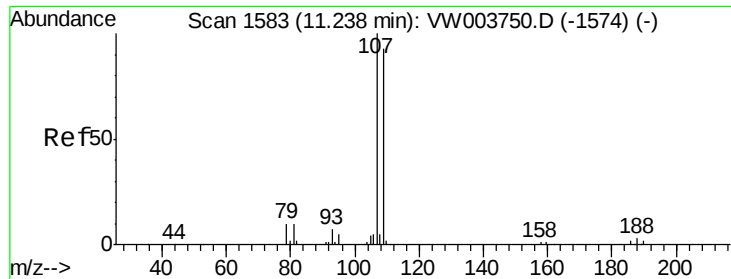
Tgt Ion: 129 Resp: 42204

Ion Ratio Lower Upper

129 100

127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.416 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

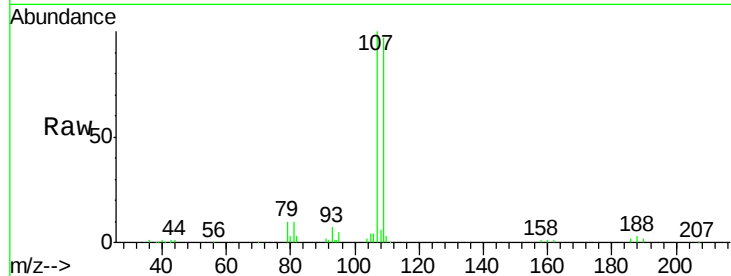
VW0710SBSD02

Tot Ion:107 Resp: 35024

Ion Ratio Lower Upper

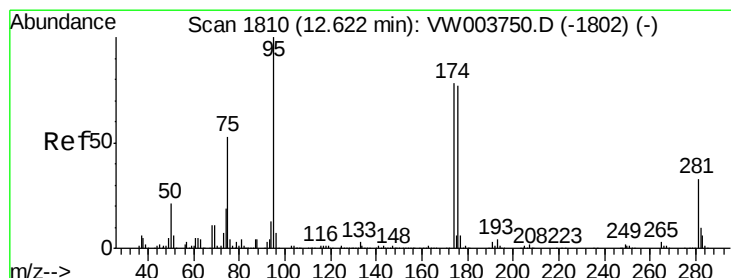
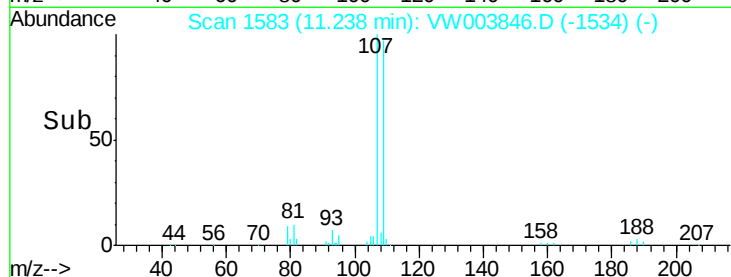
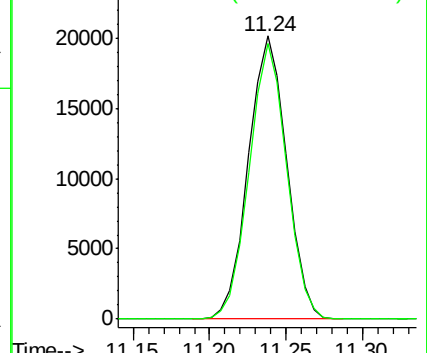
107 100

109 94.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.967 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

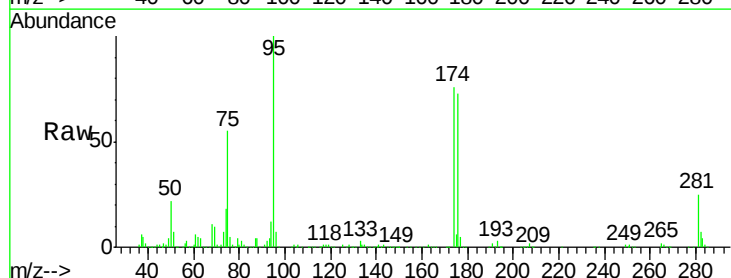
Tgt Ion: 95 Resp: 146580

Ion Ratio Lower Upper

95 100

174 79.8 0.0 163.4

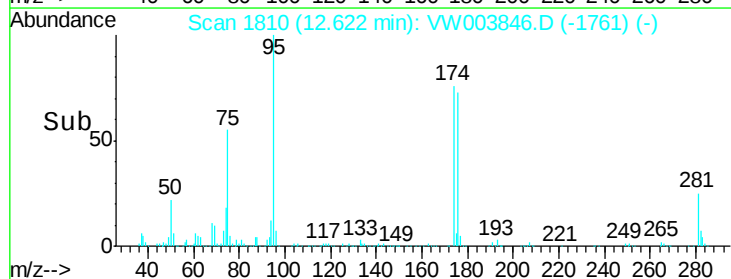
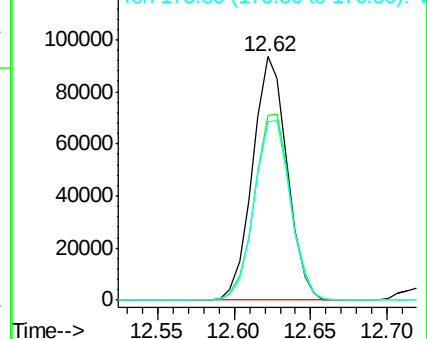
176 77.3 0.0 156.8

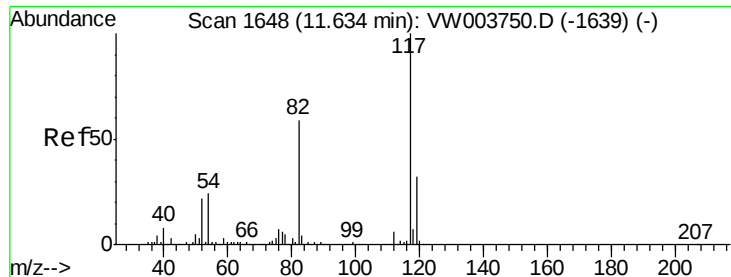


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

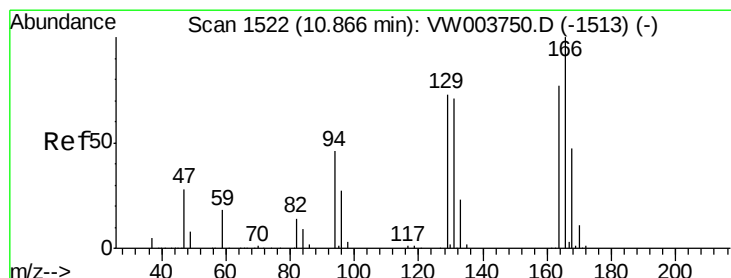
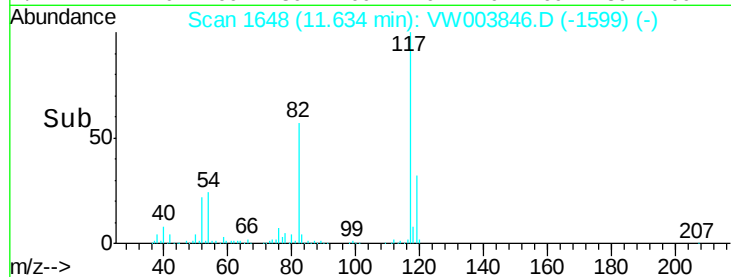
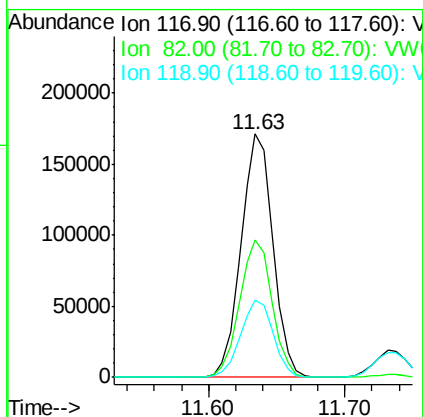
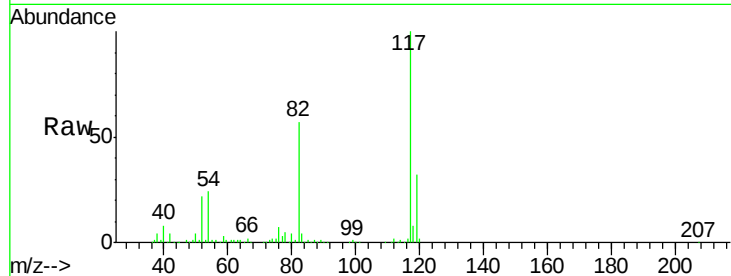




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

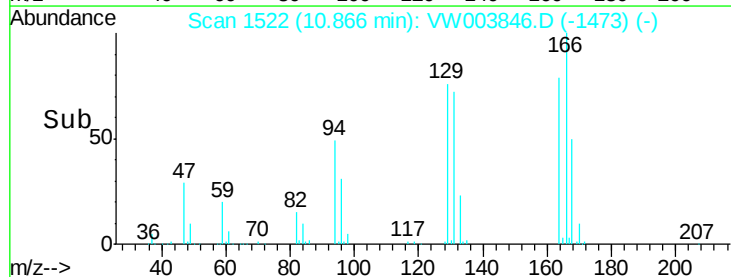
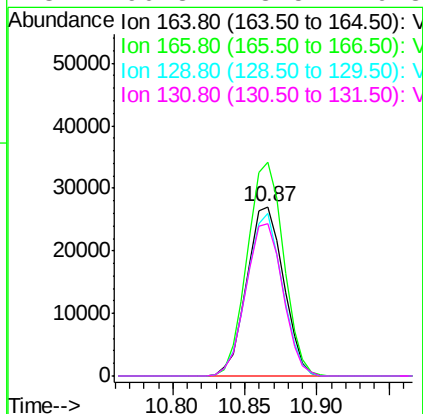
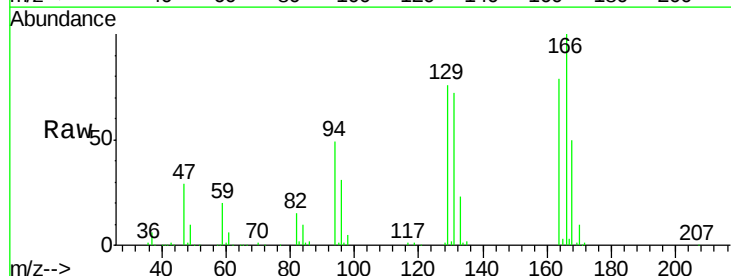
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

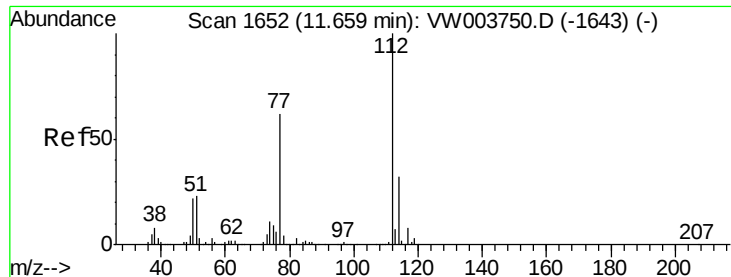
Tot Ion:117 Resp: 280412
Ion Ratio Lower Upper
117 100
82 56.5 46.9 70.3
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 23.095 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion:164 Resp: 47903
Ion Ratio Lower Upper
164 100
166 126.1 104.2 156.4
129 95.9 75.8 113.8
131 90.3 73.5 110.3

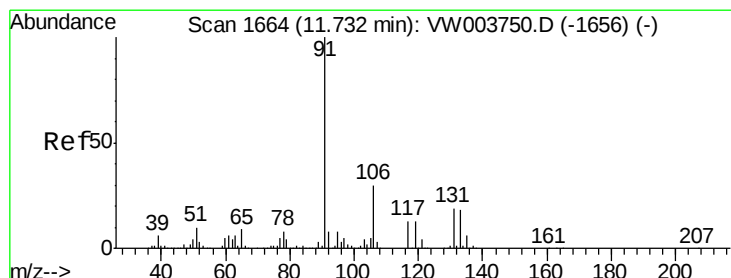
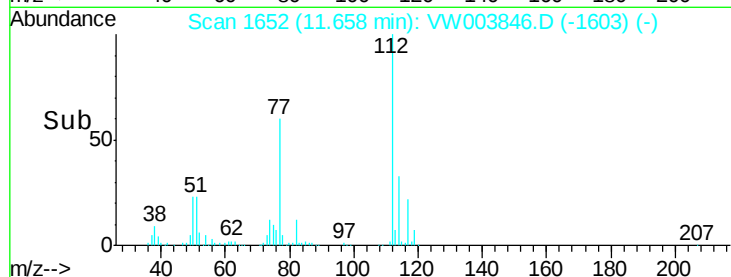
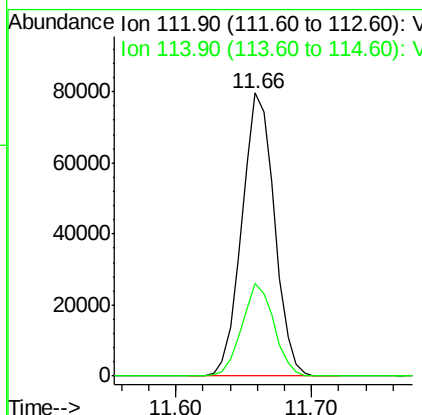
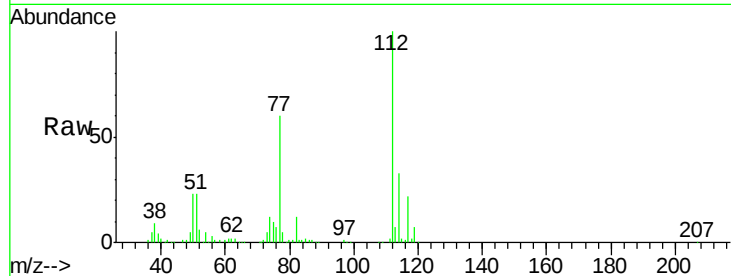




#65
Chlorobenzene
Concen: 21.556 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

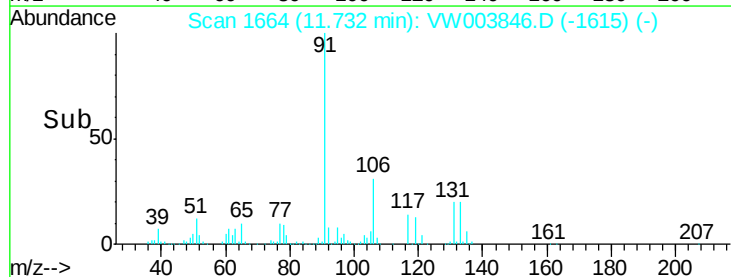
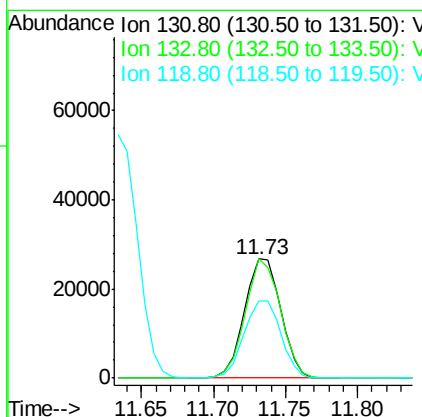
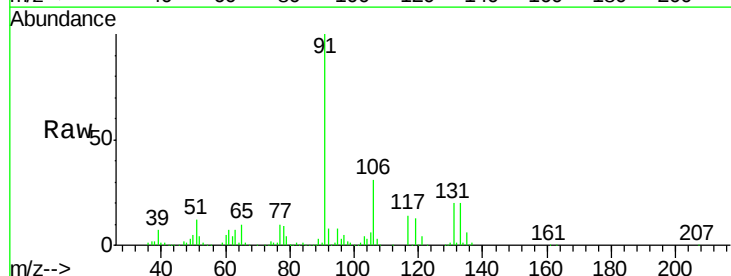
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

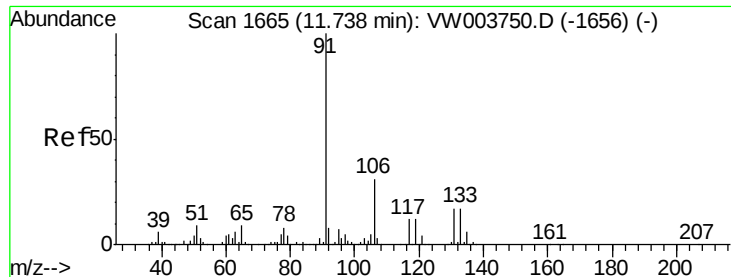
Tot Ion:112 Resp: 133253
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.609 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion:131 Resp: 46679
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.2
119 65.7 33.2 99.6

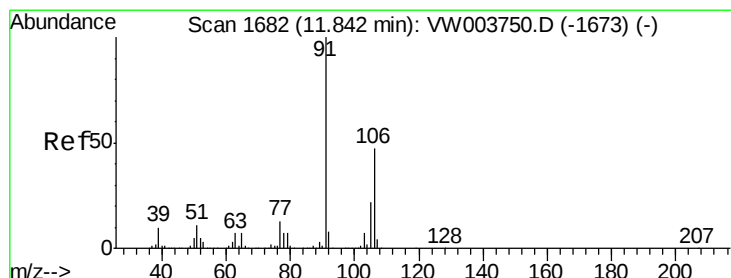
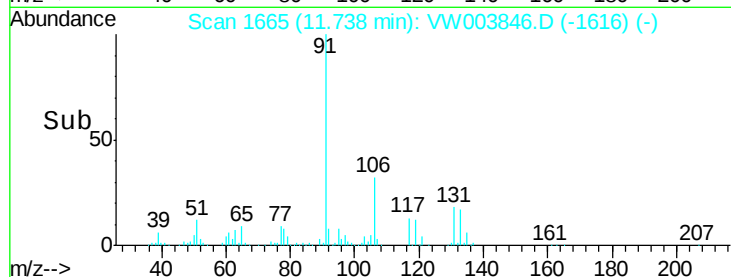
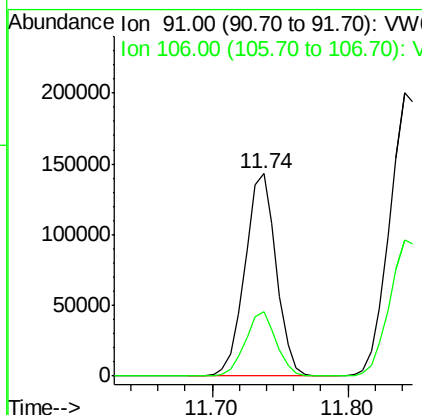
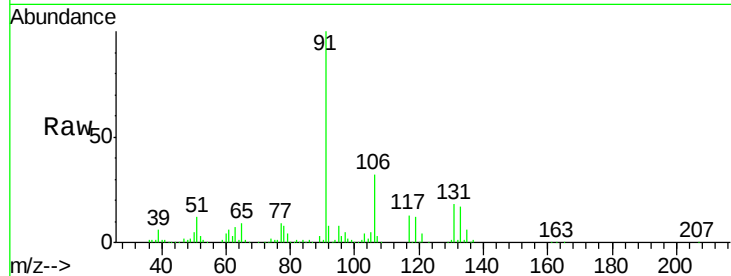




#67
Ethyl Benzene
Concen: 21.720 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

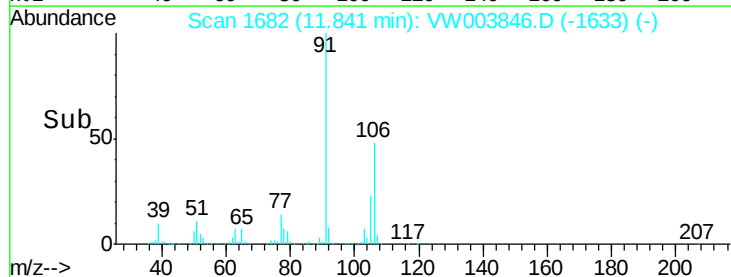
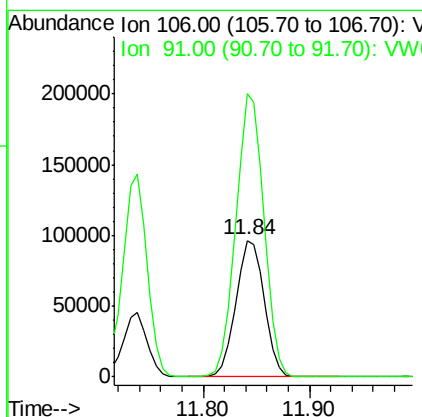
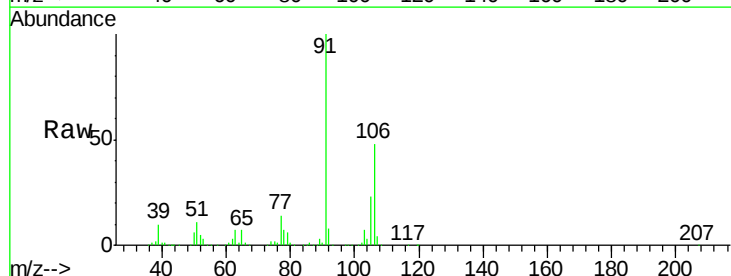
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

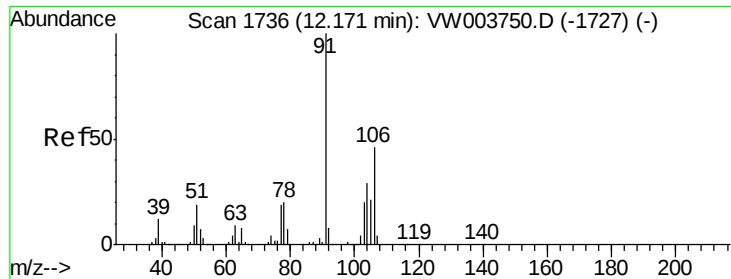
Tot Ion: 91 Resp: 229580
Ion Ratio Lower Upper
91 100
106 31.8 24.6 37.0



#68
m/p-Xylenes
Concen: 44.537 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 106 Resp: 180268
Ion Ratio Lower Upper
106 100
91 205.2 164.3 246.5

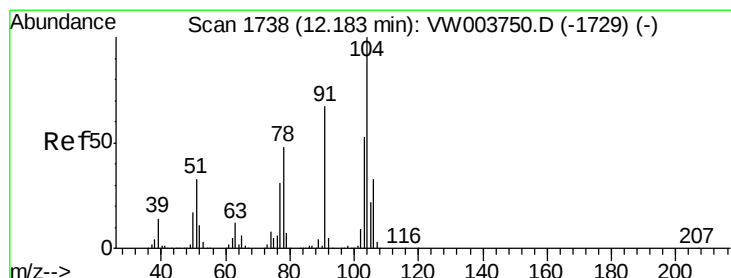
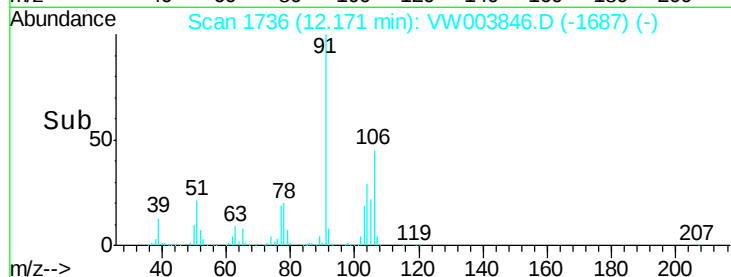
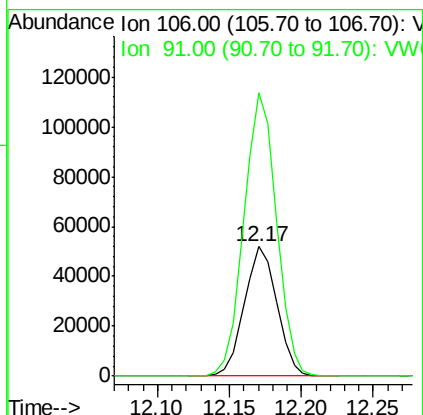
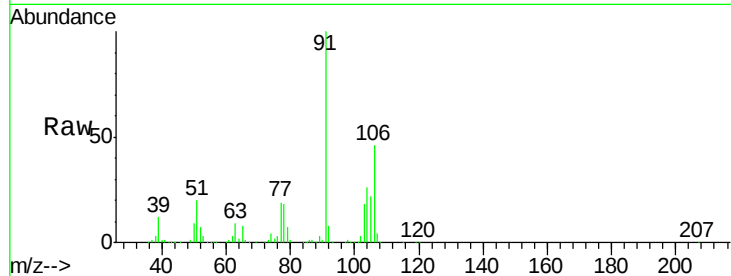




#69
o-Xylene
Concen: 21.728 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

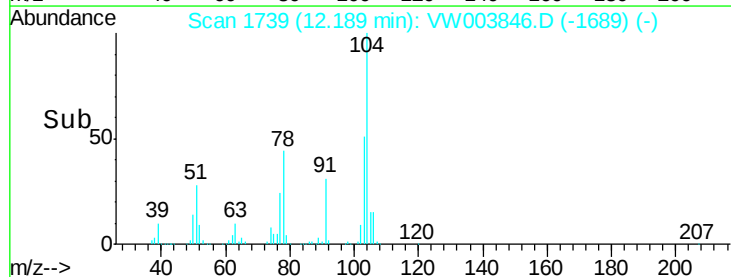
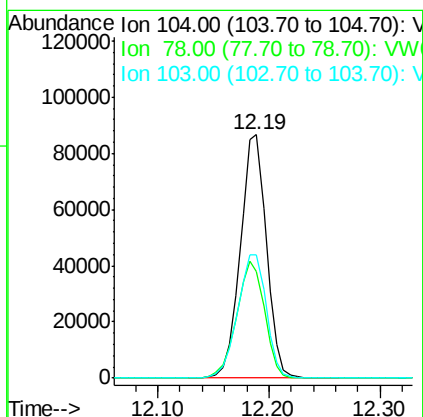
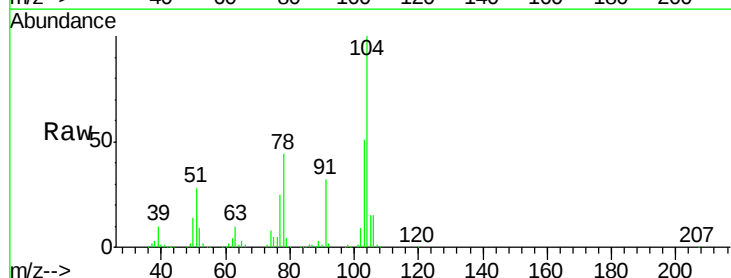
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

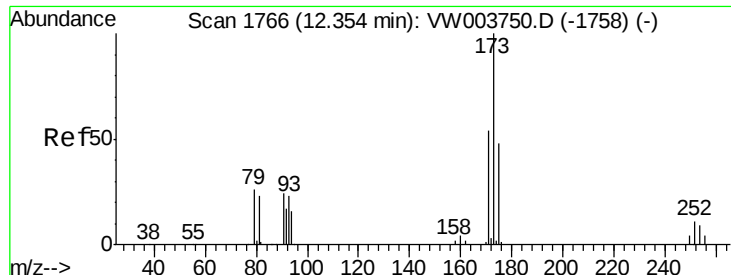
Tot Ion:106 Resp: 81151
Ion Ratio Lower Upper
106 100
91 219.2 109.1 327.2



#70
Styrene
Concen: 22.212 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion:104 Resp: 141073
Ion Ratio Lower Upper
104 100
78 51.2 41.1 61.7
103 55.8 44.6 67.0

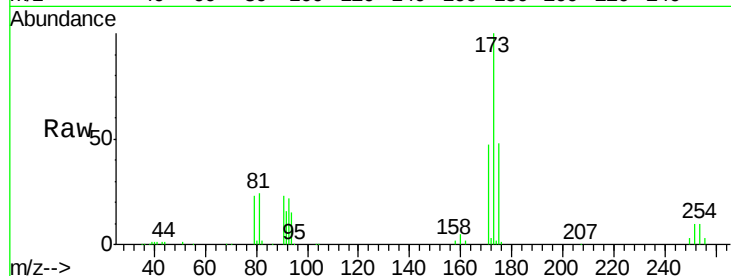




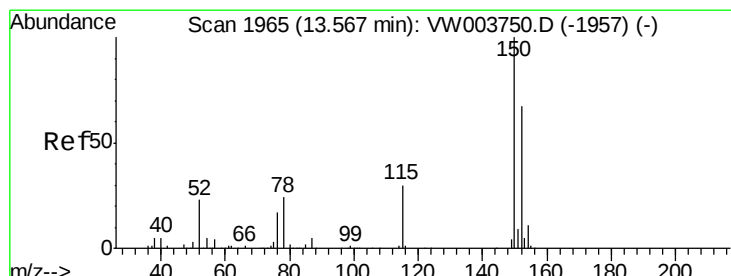
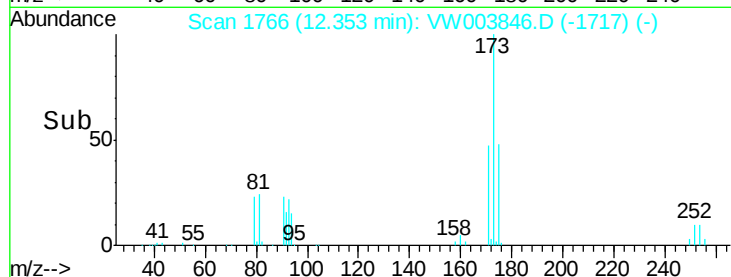
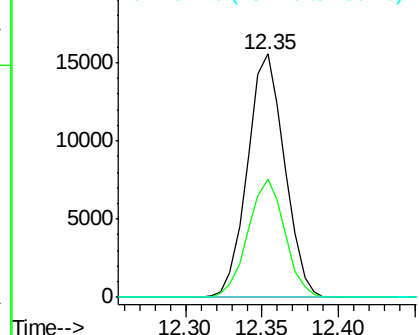
#71
Bromoform
Concen: 21.961 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion:173 Resp: 26180
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.0 0.0

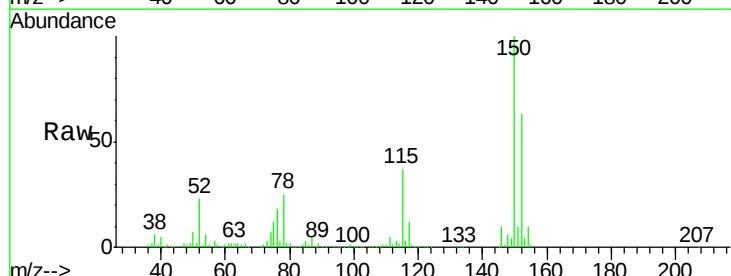


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

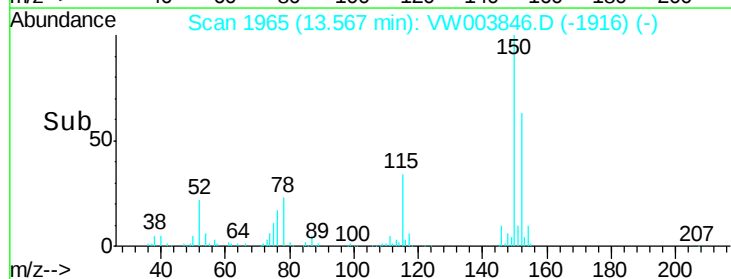
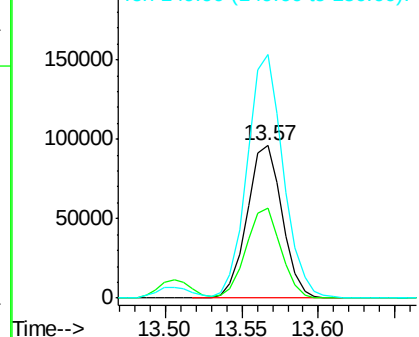


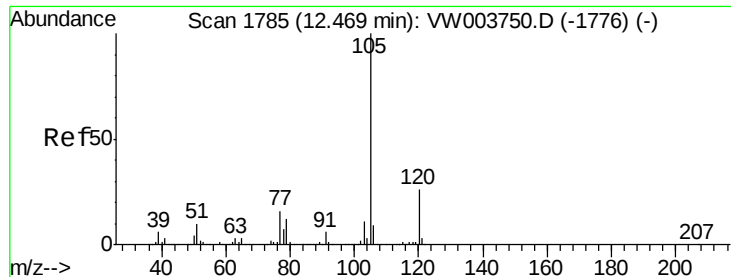
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion:152 Resp: 152778
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 164.5 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: 21.704 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

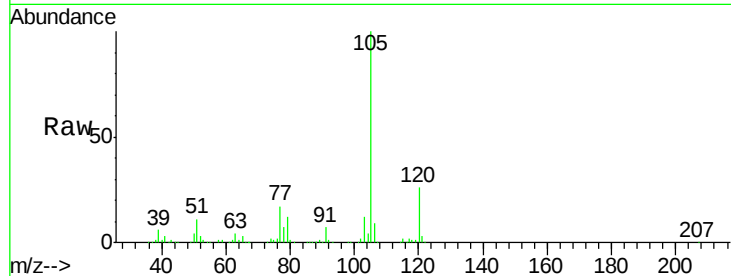
VW0710SBSD02

Tot Ion:105 Resp: 224565

Ion Ratio Lower Upper

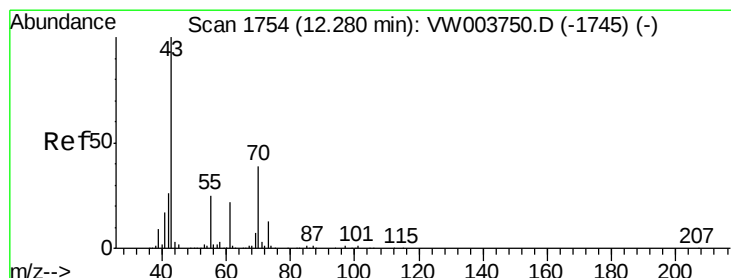
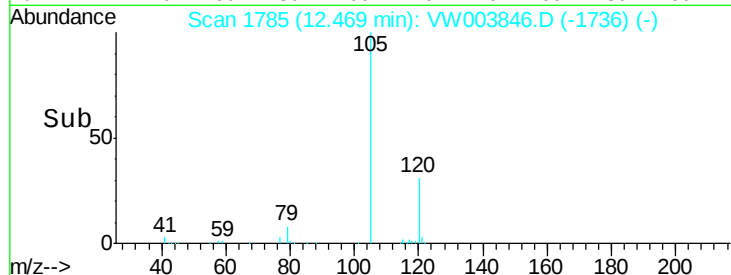
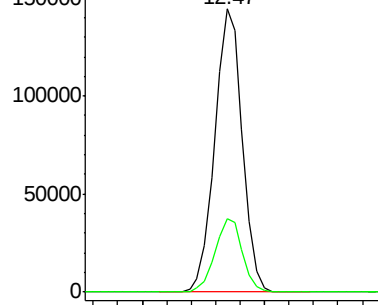
105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.857 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion: 43 Resp: 58494

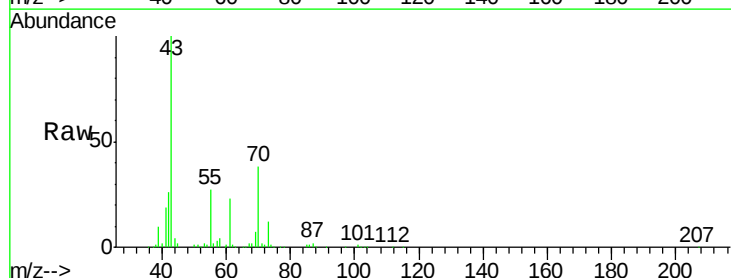
Ion Ratio Lower Upper

43 100

70 38.4 31.3 46.9

55 27.6 20.1 30.1

61 22.2 17.7 26.5

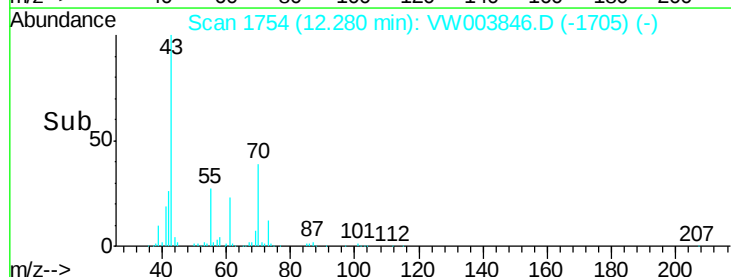
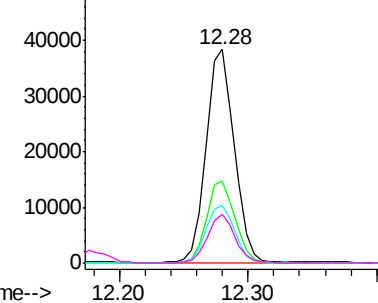


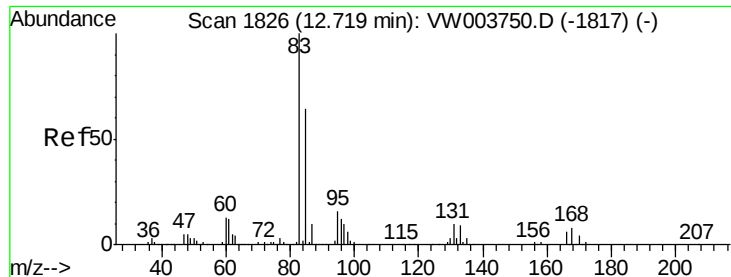
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.734 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

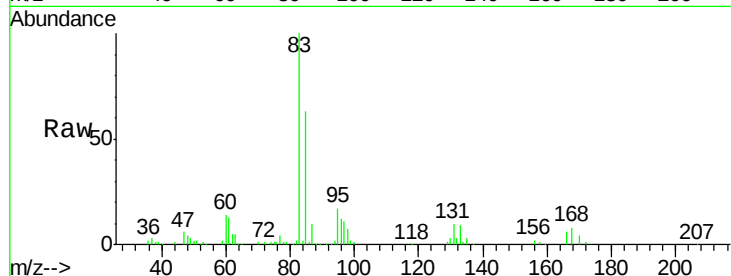
Tot Ion: 83 Resp: 45587

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

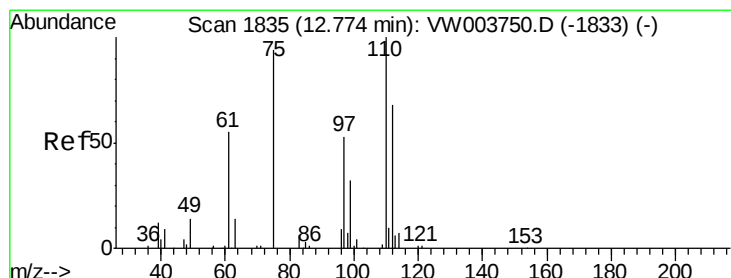
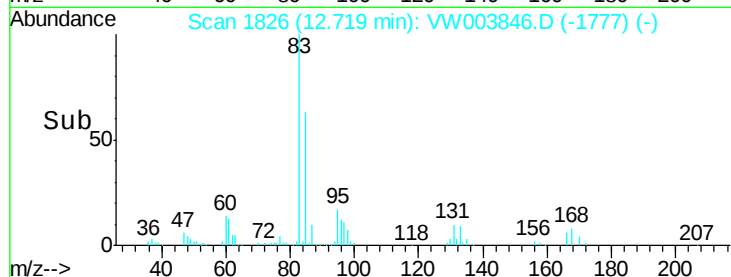
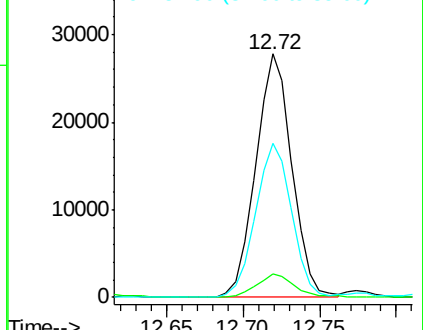
85 63.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.045 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003846.D

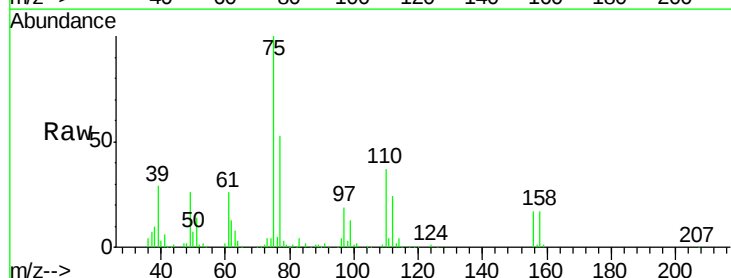
Acq: 11 Jul 2018 02:03

Tgt Ion: 75 Resp: 58578

Ion Ratio Lower Upper

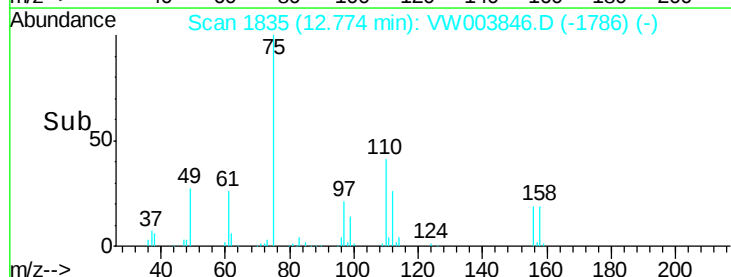
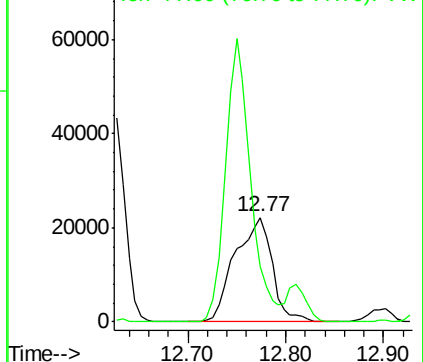
75 100

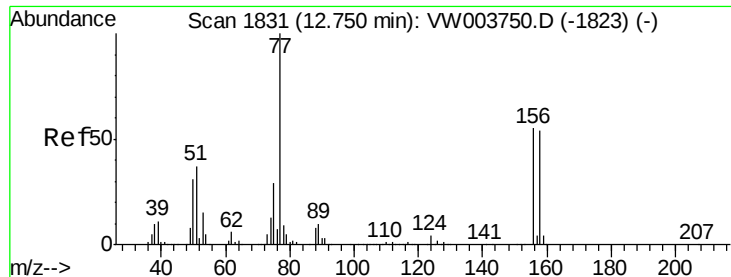
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.341 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

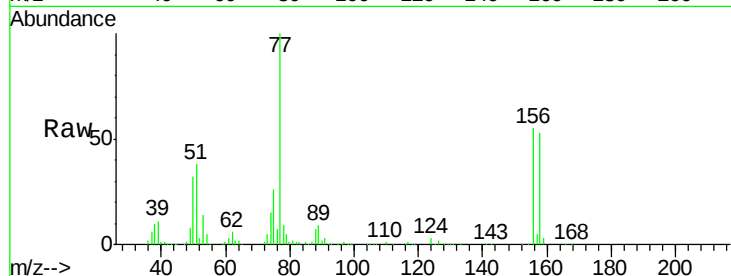
MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion:156 Resp: 54817

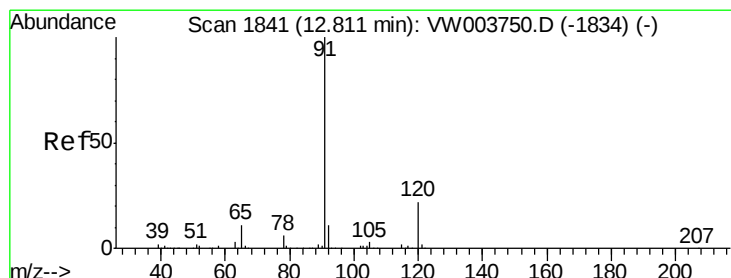
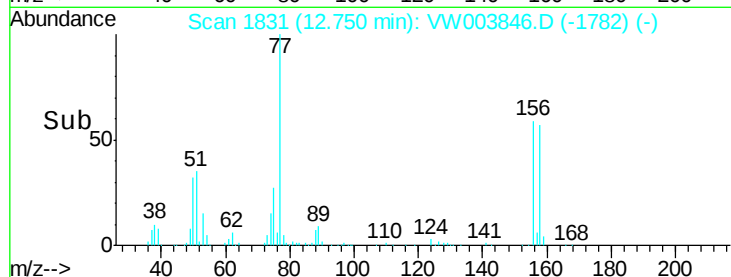
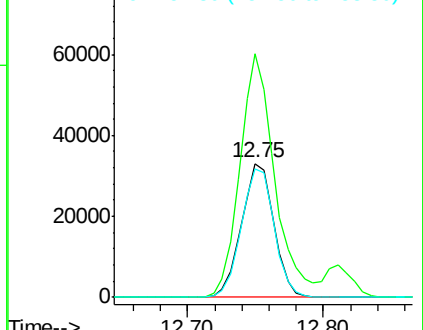
Ion	Ratio	Lower	Upper
156	100		
77	195.1	98.7	296.0
158	97.8	49.0	147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.216 ug/l

RT: 12.81 min Scan# 1841

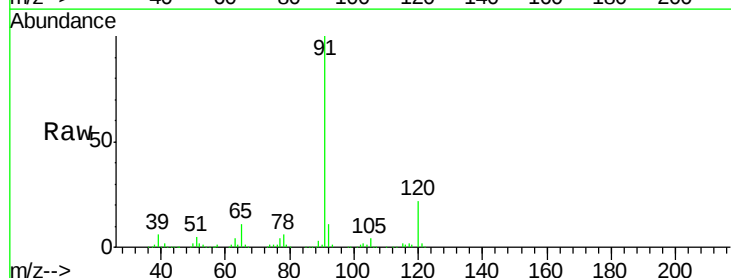
Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

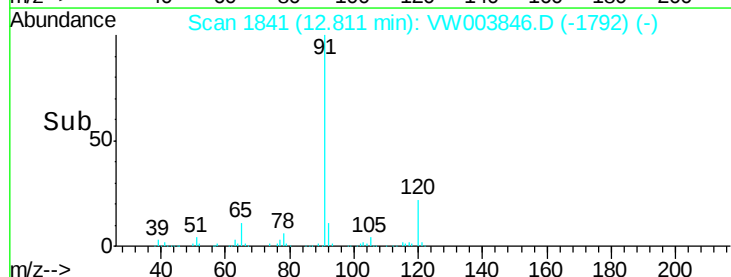
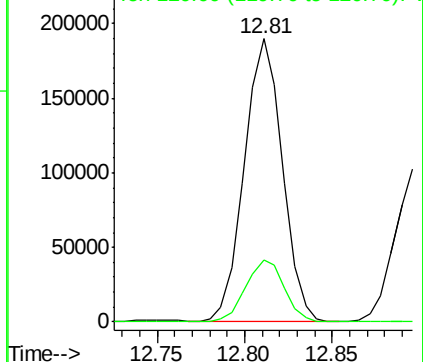
Tgt Ion: 91 Resp: 288548

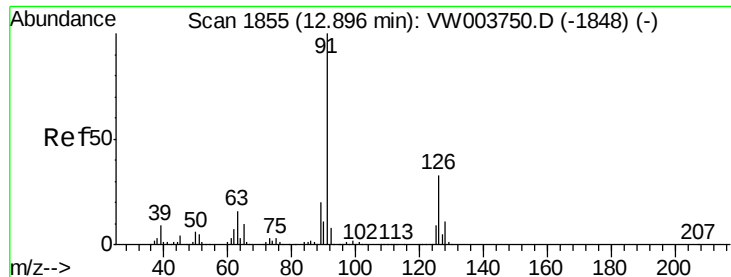
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.850 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

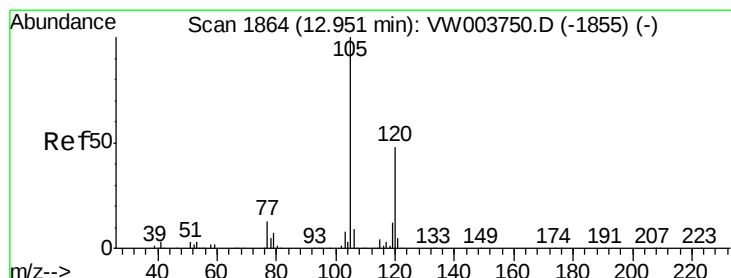
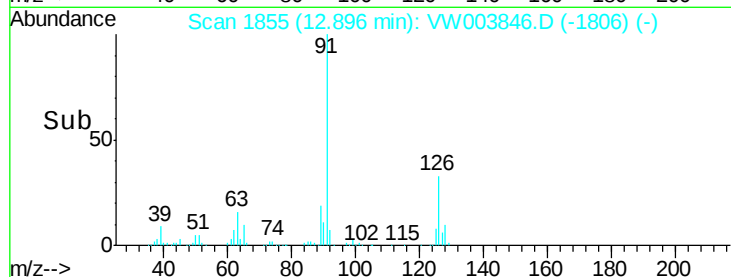
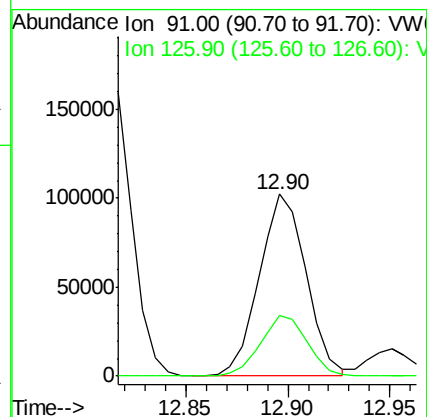
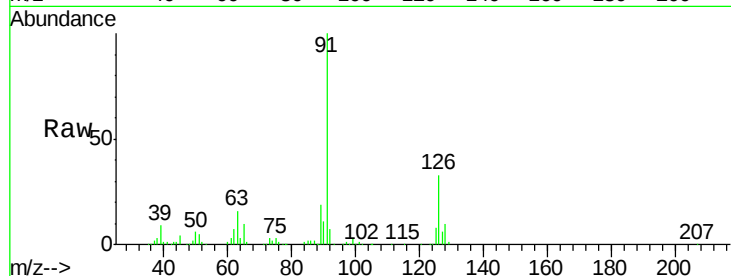
VW0710SBSD02

Tot Ion: 91 Resp: 163042

Ion Ratio Lower Upper

91 100

126 33.5 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 22.343 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003846.D

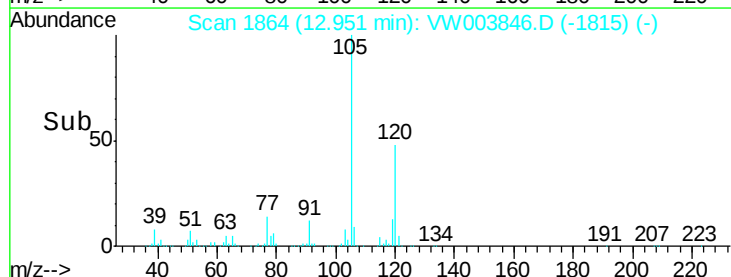
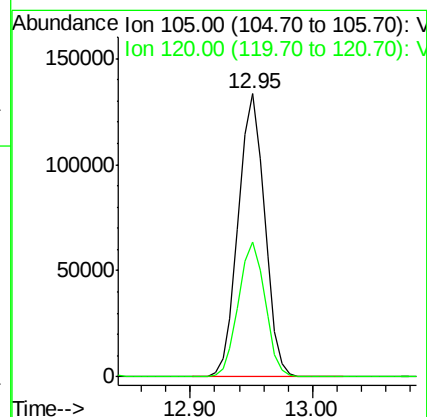
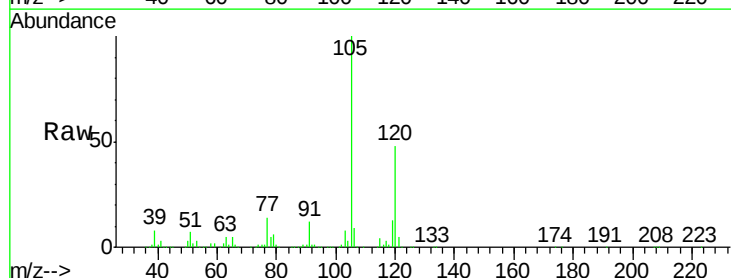
Acq: 11 Jul 2018 02:03

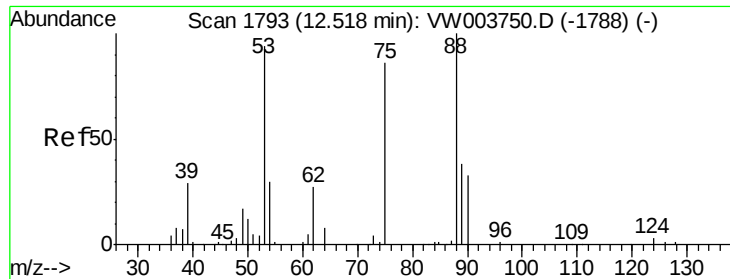
Tgt Ion:105 Resp: 199244

Ion Ratio Lower Upper

105 100

120 48.2 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.923 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

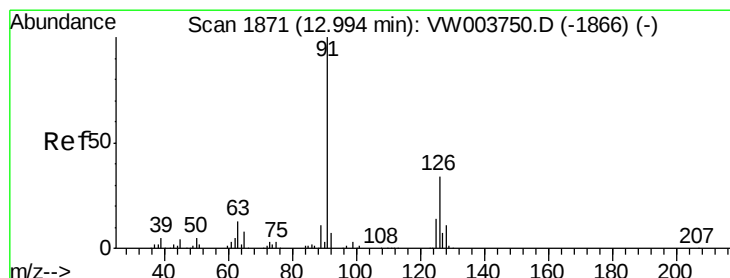
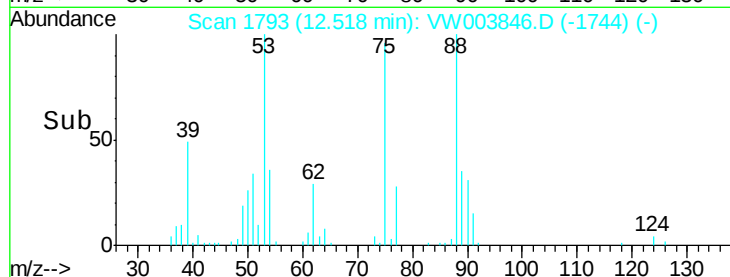
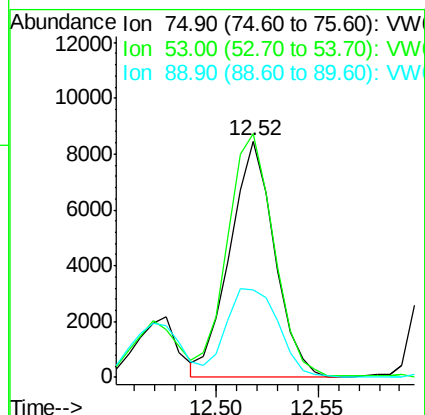
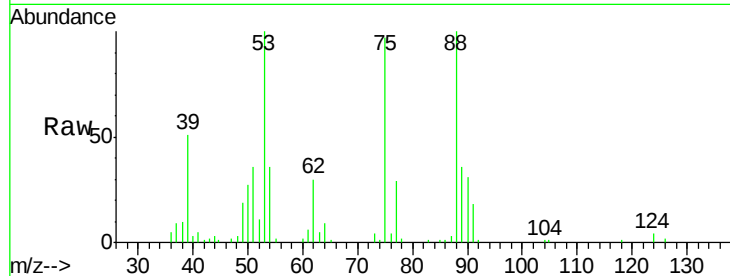
Tot Ion: 75 Resp: 12832

Ion Ratio Lower Upper

75 100

53 109.3 85.0 127.6

89 43.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 22.192 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003846.D

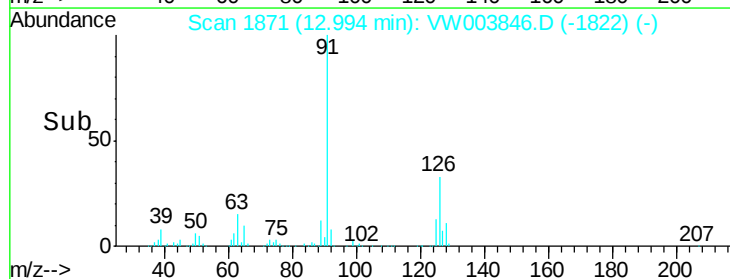
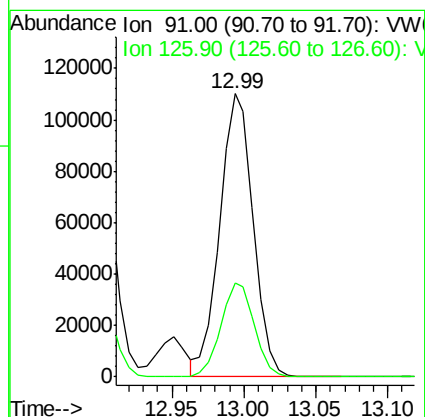
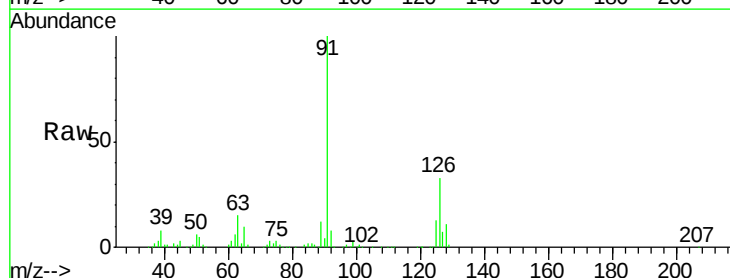
Acq: 11 Jul 2018 02:03

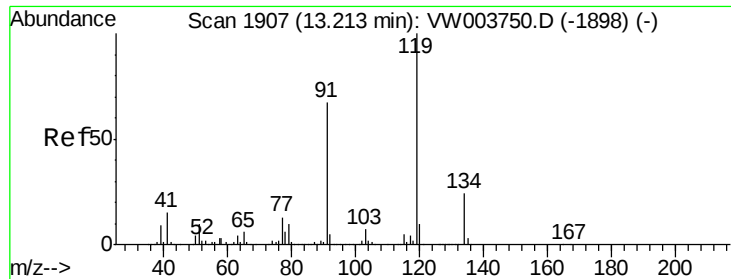
Tgt Ion: 91 Resp: 178067

Ion Ratio Lower Upper

91 100

126 33.4 16.5 49.5

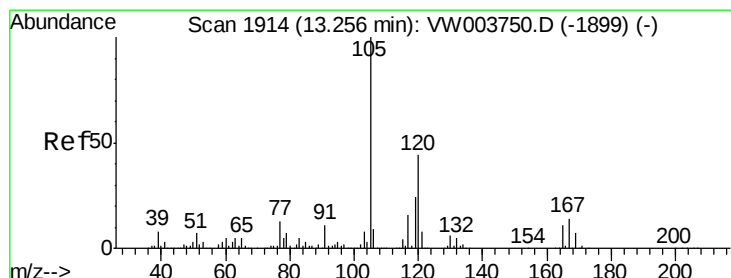
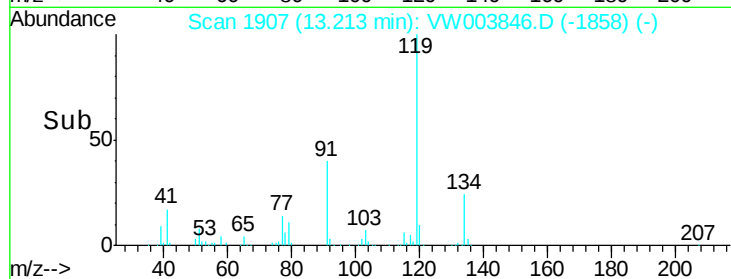
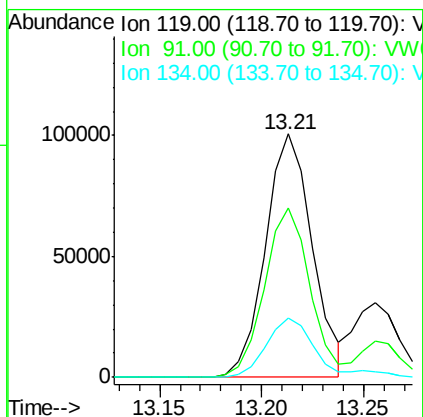
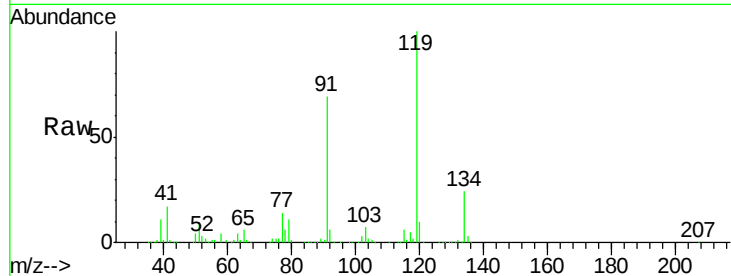




#83
tert-Butylbenzene
Concen: 21.915 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

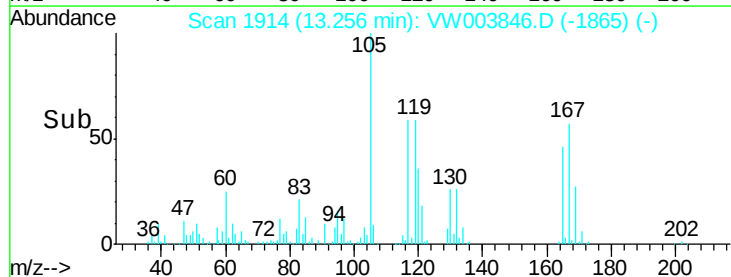
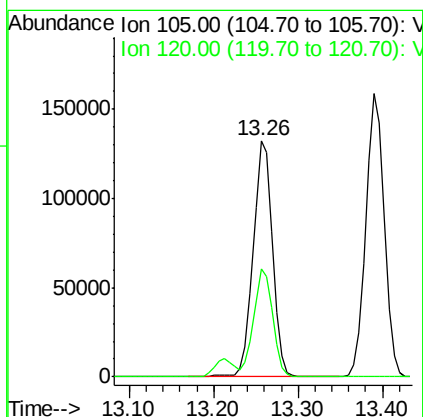
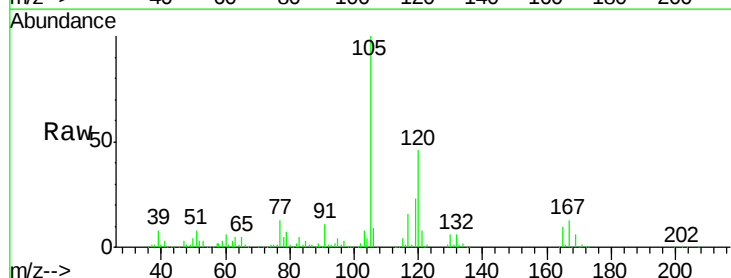
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

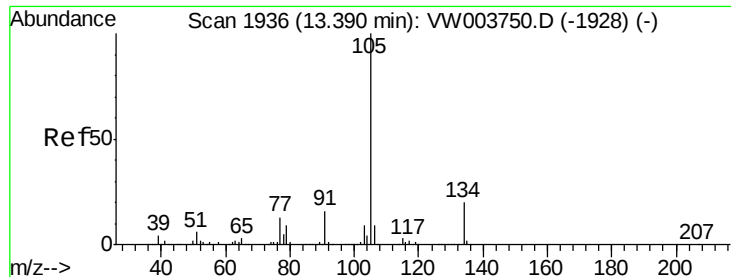
Tot Ion:119 Resp: 161173
Ion Ratio Lower Upper
119 100
91 67.3 33.0 98.9
134 26.1 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 22.114 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion:105 Resp: 204867
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 21.954 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

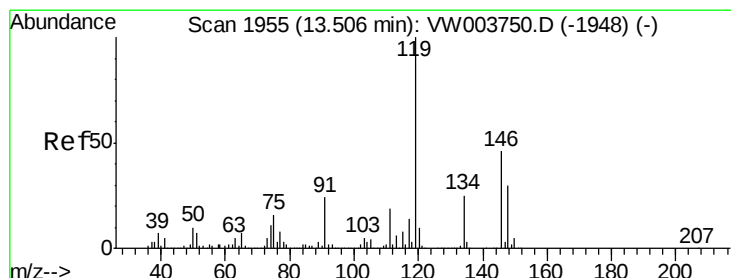
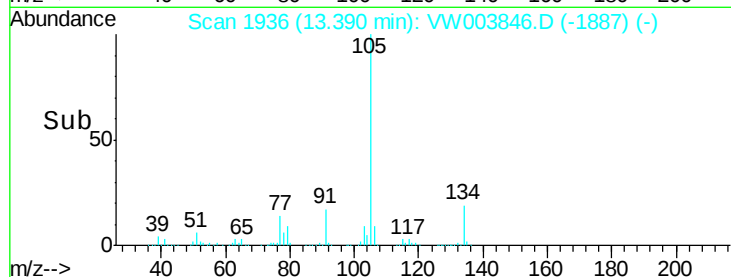
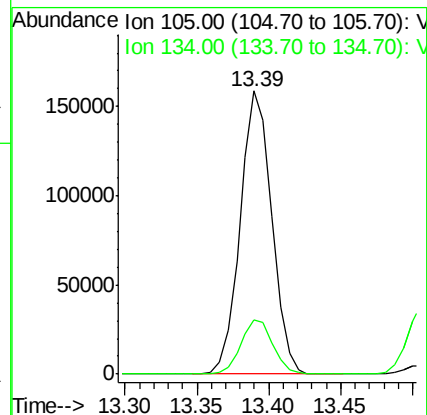
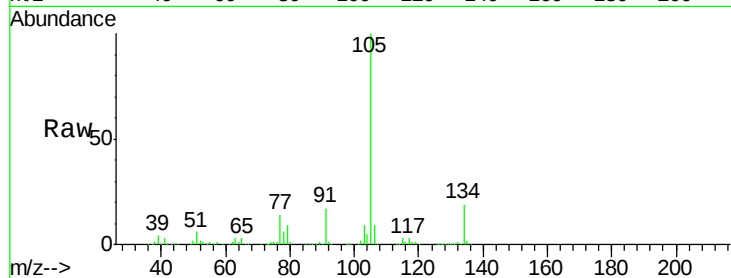
VW0710SBSD02

Tot Ion:105 Resp: 241533

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 22.220 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

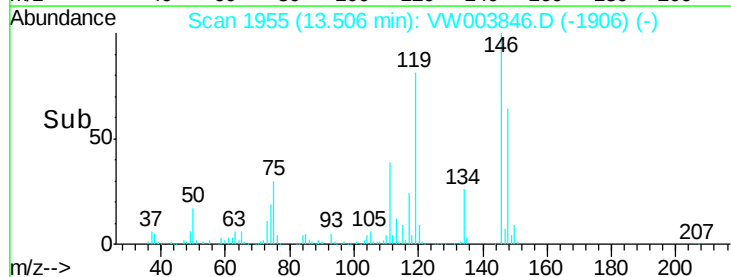
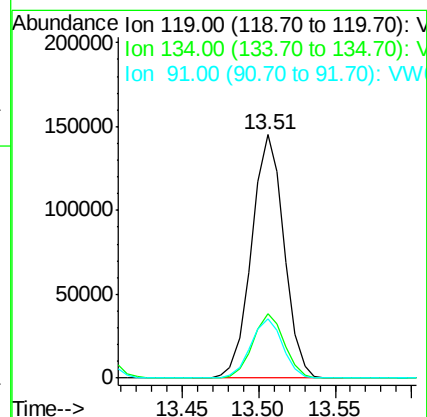
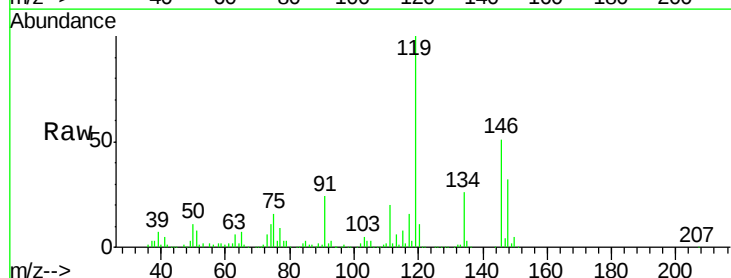
Tgt Ion:119 Resp: 213607

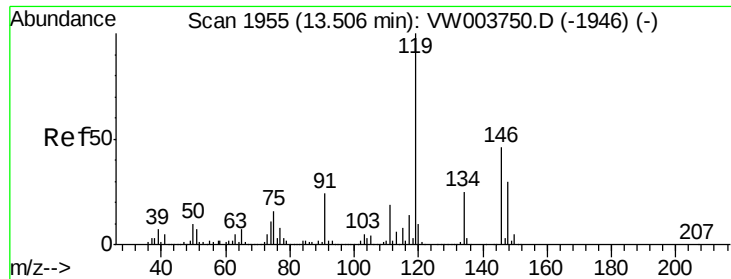
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 21.996 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

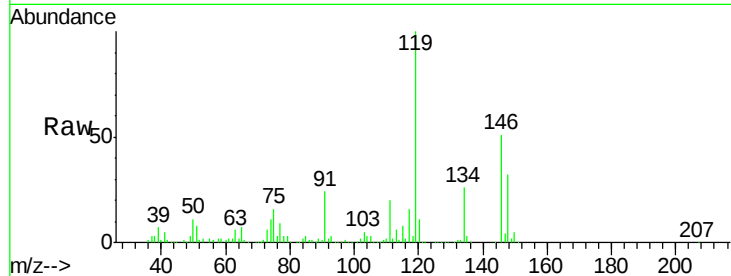
Tot Ion:146 Resp: 114469

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

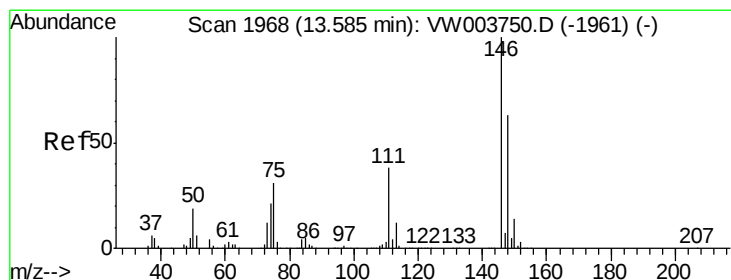
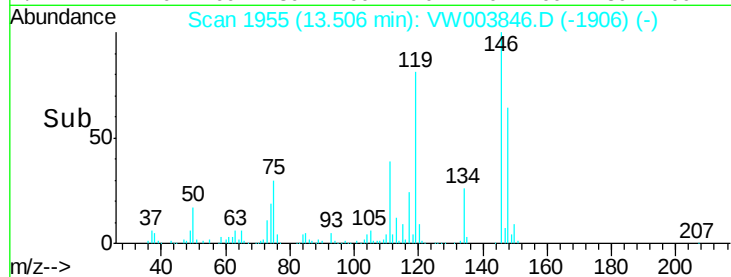
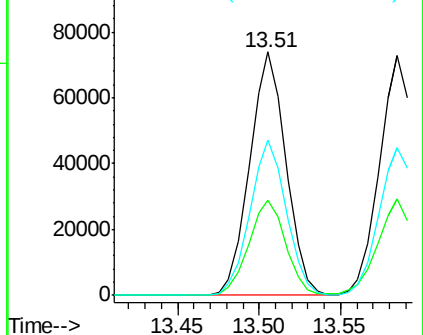
148 63.8 31.9 95.7



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: 21.698 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

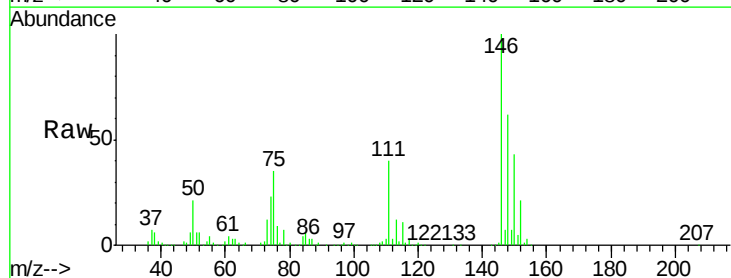
Tgt Ion:146 Resp: 113551

Ion Ratio Lower Upper

146 100

111 40.3 19.4 58.4

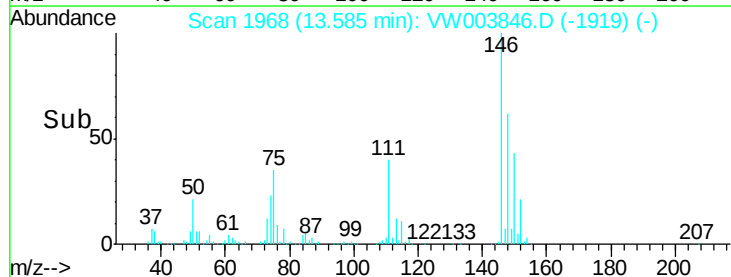
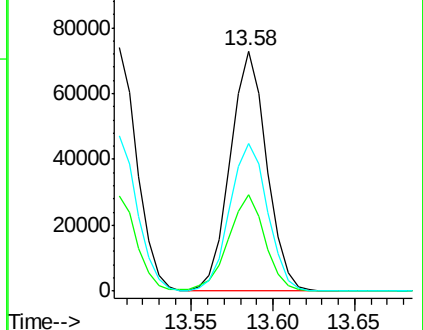
148 63.9 31.9 95.7

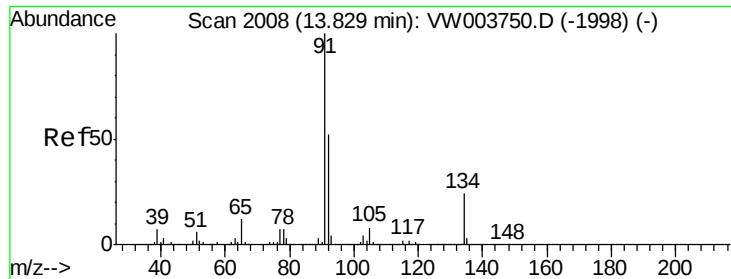


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.025 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

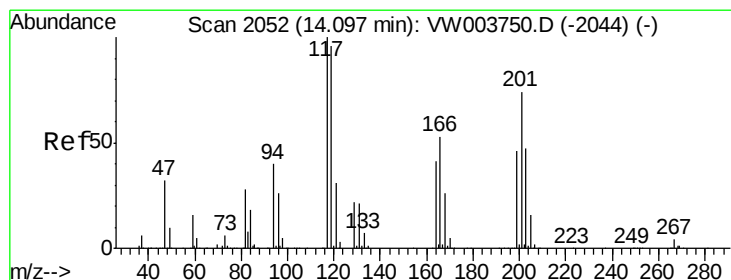
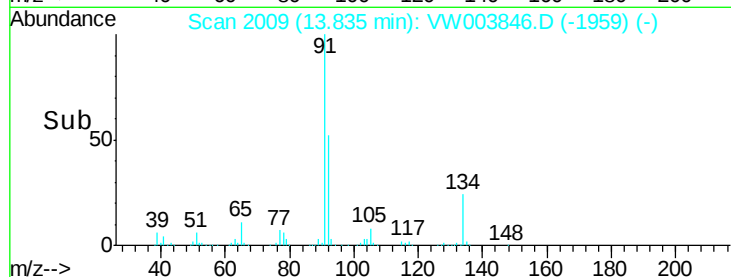
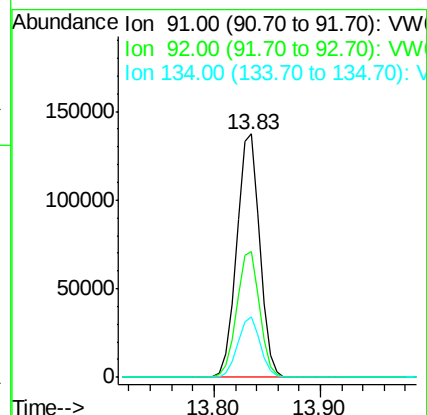
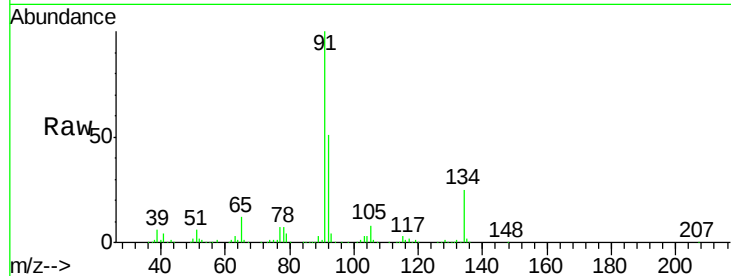
Tot Ion: 91 Resp: 208271

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.3

134 24.2 12.4 37.4



#90

Hexachloroethane

Concen: 21.862 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW003846.D

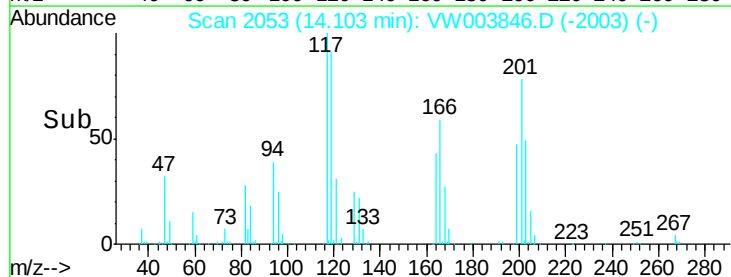
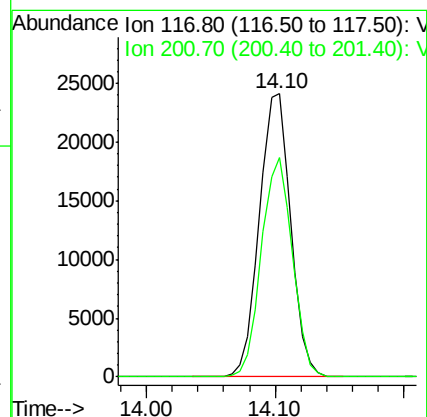
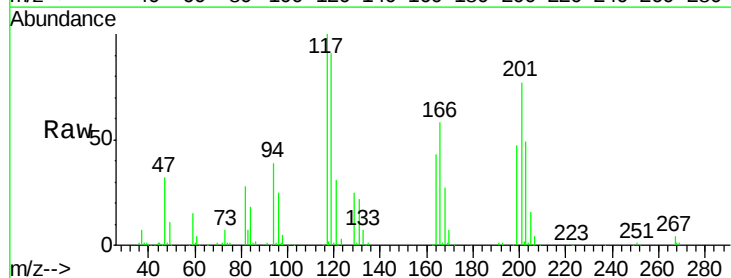
Acq: 11 Jul 2018 02:03

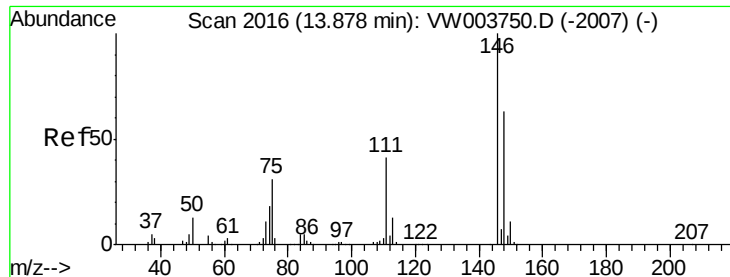
Tgt Ion: 117 Resp: 40485

Ion Ratio Lower Upper

117 100

201 76.6 39.2 117.6

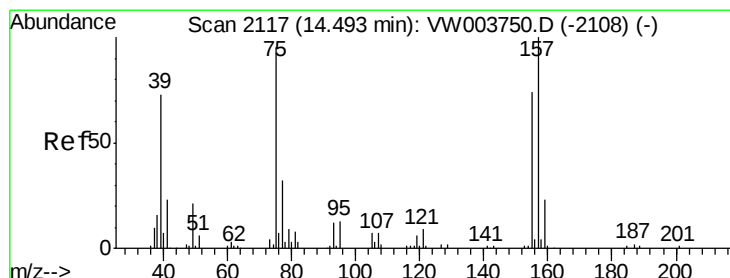
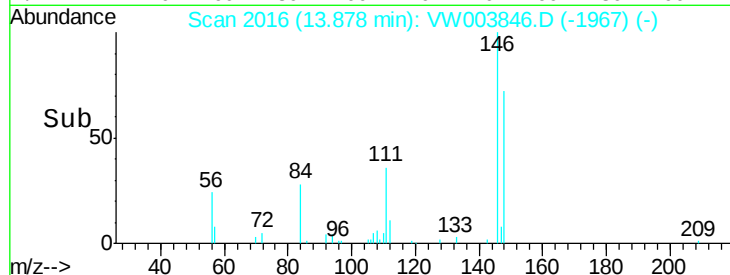
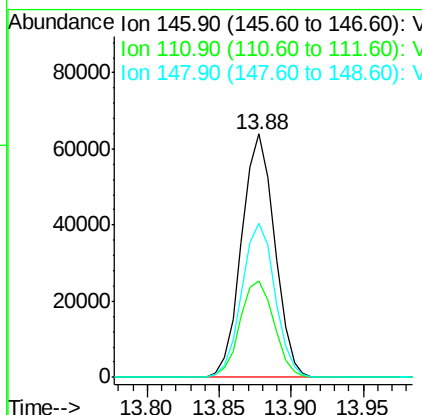
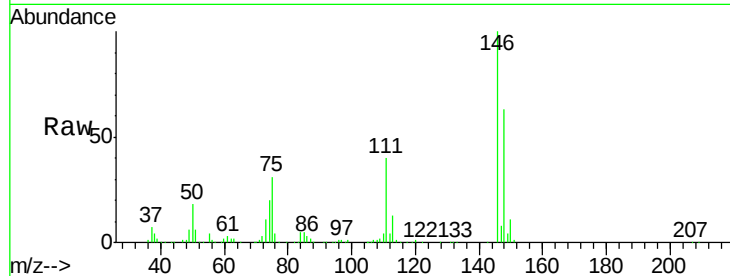




#91
 1,2-Dichlorobenzene
 Concen: 21.721 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

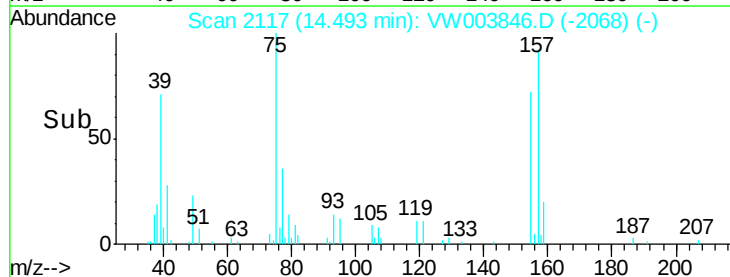
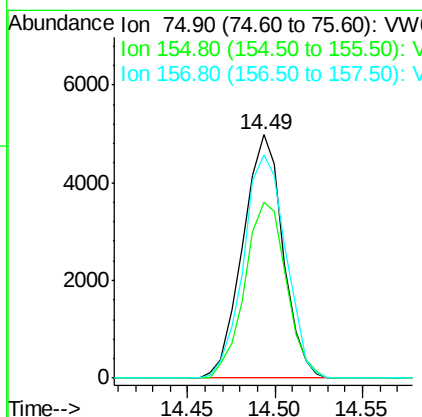
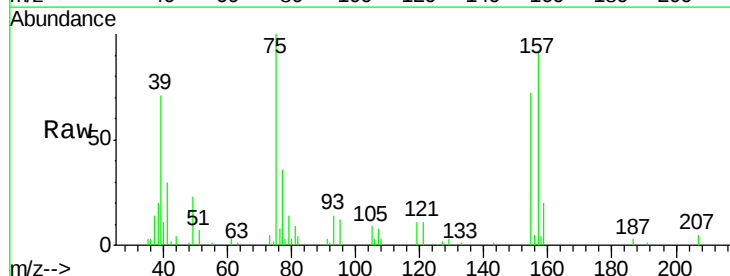
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

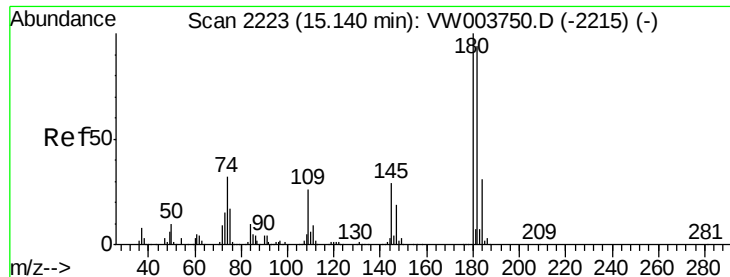
Tot Ion:146 Resp: 101742
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.7 62.1
 148 63.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.963 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion: 75 Resp: 7974
 Ion Ratio Lower Upper
 75 100
 155 74.6 39.2 117.6
 157 96.2 50.7 152.1

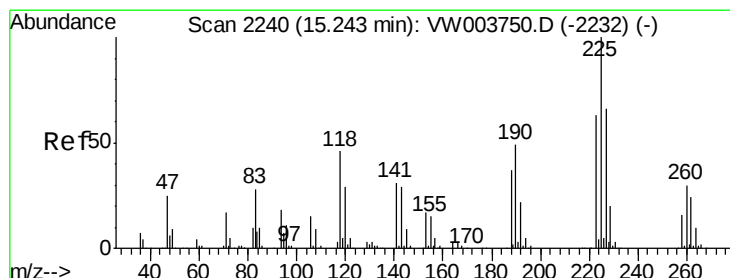
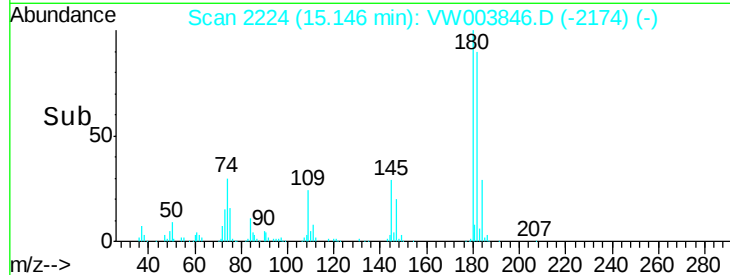
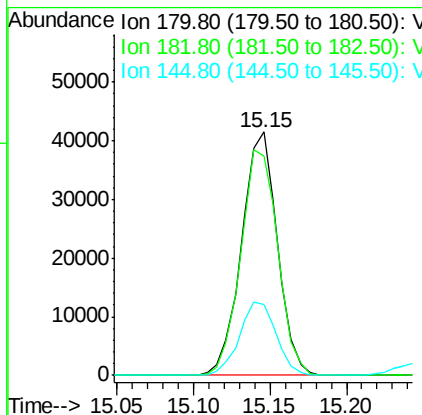
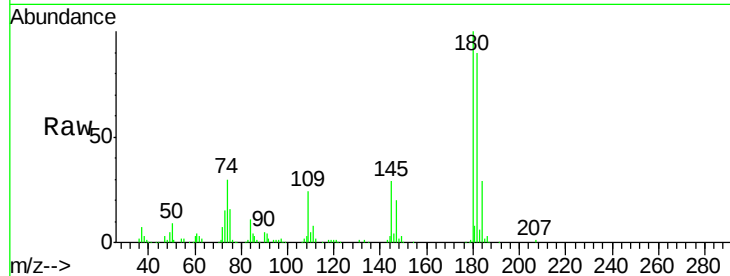




#93
 1,2,4-Trichlorobenzene
 Concen: 21.225 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

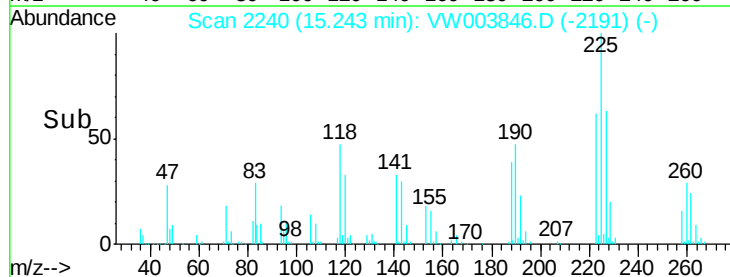
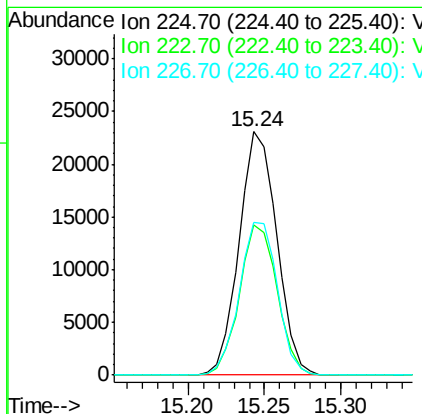
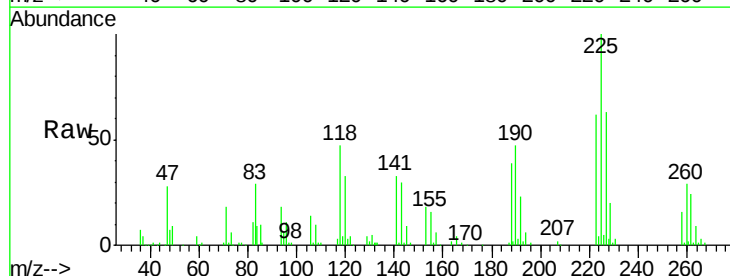
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

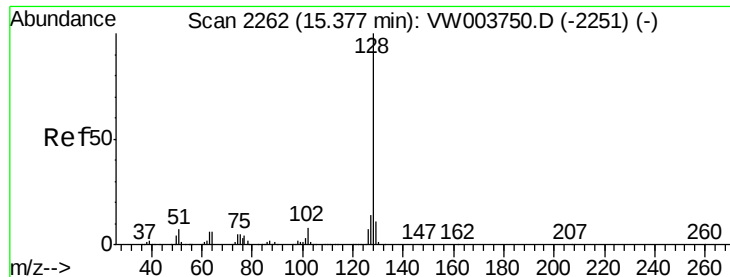
Tot Ion:180 Resp: 67296
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.4 142.2
 145 31.0 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 21.809 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion:225 Resp: 39551
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.6 97.7
 227 63.5 32.5 97.5





#95

Naphthalene

Concen: 21.626 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

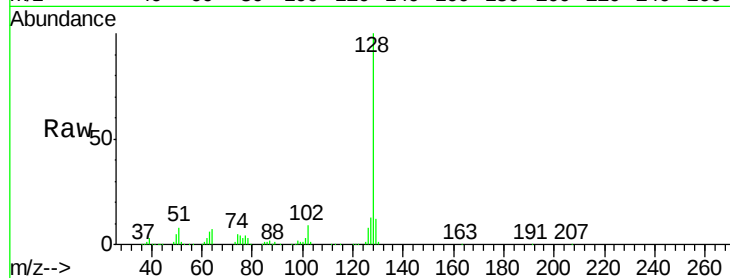
Tot Ion:128 Resp: 122545

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

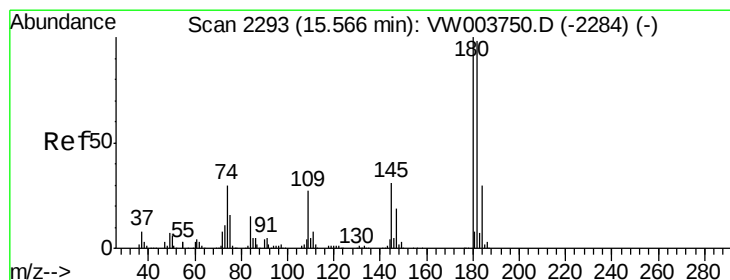
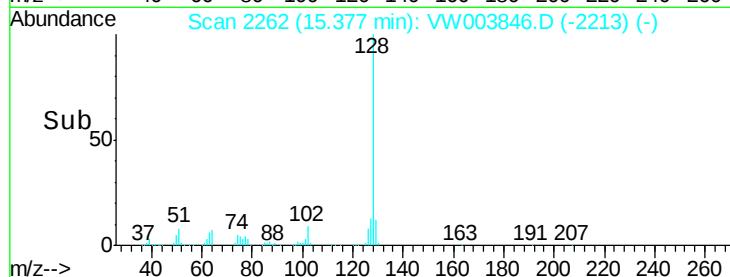
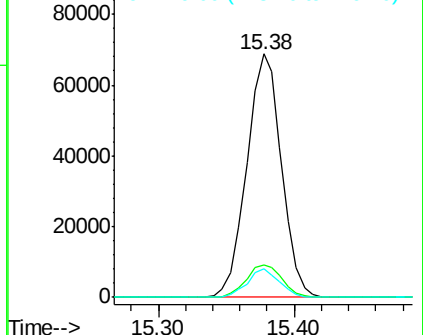
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.569 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

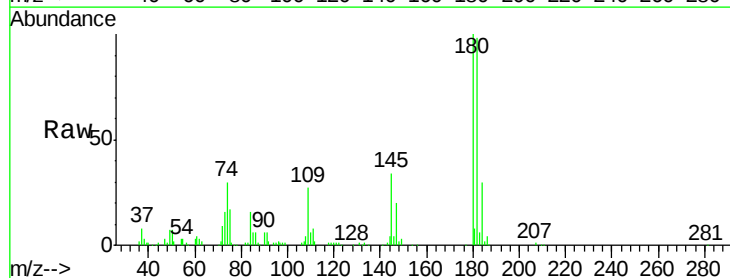
Tgt Ion:180 Resp: 61232

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.3

145 32.8 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

