

Data File : VW008971.D
Acq On : 04 Mar 2019 20:36
Operator : SY/VA
Sample : VW0304SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

Quant Time: Mar 05 06:28:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	209560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131333	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
35) Dibromofluoromethane	7.88	113	117508	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	10.32	98	443485	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.62	95	179360	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	47227	18.744	ug/l	95
3) Chloromethane	2.21	50	62230	20.290	ug/l	100
4) Vinyl Chloride	2.36	62	63143	19.445	ug/l	99
5) Bromomethane	2.74	94	51110	21.190	ug/l	98
6) Chloroethane	2.90	64	46047	19.969	ug/l	100
7) Trichlorofluoromethane	3.25	101	86992	21.182	ug/l	95
8) Diethyl Ether	3.68	74	27733	21.329	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54400	21.812	ug/l	98
10) Methyl Iodide	4.26	142	50004	16.033	ug/l	95
11) Tert butyl alcohol	5.17	59	22772	108.412	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	46312	21.026	ug/l	97
13) Acrolein	3.90	56	16171	86.993	ug/l	96
14) Allyl chloride	4.67	41	79021	20.787	ug/l	98
15) Acrylonitrile	5.37	53	62090	111.269	ug/l	99
16) Acetone	4.12	43	56924	104.086	ug/l	95
17) Carbon Disulfide	4.38	76	141187	19.320	ug/l	97
18) Methyl Acetate	4.67	43	27555	21.242	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	127541	21.393	ug/l	99
20) Methylene Chloride	4.92	84	65626	21.441	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	54924	21.557	ug/l	94
22) Diisopropyl ether	6.32	45	168738	22.251	ug/l	96
23) Vinyl Acetate	6.26	43	507571	108.332	ug/l	100
24) 1,1-Dichloroethane	6.21	63	97030	22.081	ug/l	97
25) 2-Butanone	7.17	43	81929	107.154	ug/l	99
26) 2,2-Dichloropropane	7.17	77	81861	20.519	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59835	21.955	ug/l	97
28) Bromochloromethane	7.51	49	42448	23.084	ug/l	100
29) Tetrahydrofuran	7.53	42	53973	110.770	ug/l	99
30) Chloroform	7.68	83	102424	22.720	ug/l	99
31) Cyclohexane	7.95	56	90446	20.334	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	90224	22.008	ug/l	99
36) 1,1-Dichloropropene	8.09	75	77212	21.588	ug/l	99
37) Ethyl Acetate	7.25	43	37454	22.519	ug/l	97
38) Carbon Tetrachloride	8.07	117	80502	21.343	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89098	19.972	ug/l	99
40) Benzene	8.32	78	212010	21.711	ug/l	99
41) Methacrylonitrile	7.49	41	20761	21.236	ug/l	96
42) 1,2-Dichloroethane	8.40	62	71565	23.135	ug/l	100
43) Isopropyl Acetate	8.42	43	70210	21.151	ug/l	99
44) Trichloroethene	9.09	130	58249	21.174	ug/l	96
45) 1,2-Dichloropropane	9.37	63	54093	22.416	ug/l	99
46) Dibromomethane	9.46	93	29480	21.963	ug/l	99
47) Bromodichloromethane	9.64	83	72061	22.065	ug/l	97
48) Methyl methacrylate	9.44	41	31610	19.883	ug/l	93
49) 1,4-Dioxane	9.45	88	9633	448.145	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	185911	110.315	ug/l	99
52) Toluene	10.39	92	139940	21.115	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	71394	21.448	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85049	22.402	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42619	23.413	ug/l	94
56) Ethyl methacrylate	10.65	69	48895	20.674	ug/l	98
57) 1,3-Dichloropropane	10.93	76	72040	22.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	140783	118.358	ug/l	97
59) 2-Hexanone	10.97	43	125911	104.957	ug/l	100
60) Dibromochloromethane	11.13	129	50030	22.533	ug/l	97
61) 1,2-Dibromoethane	11.24	107	39302	21.812	ug/l	99
64) Tetrachloroethene	10.86	164	54011	21.019	ug/l	93
65) Chlorobenzene	11.66	112	157932	20.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	54344	21.293	ug/l	98
67) Ethyl Benzene	11.73	91	278651	20.651	ug/l	98
68) m/p-Xylenes	11.84	106	229428	42.555	ug/l	98
69) o-Xylene	12.17	106	105150	20.779	ug/l	99
70) Styrene	12.18	104	171796	21.102	ug/l	100
71) Bromoform	12.35	173	28938	21.094	ug/l #	97
73) Isopropylbenzene	12.47	105	286498	19.943	ug/l	99
74) N-amyl acetate	12.27	43	70595	19.508	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	48427	20.630	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	65272	37.725	ug/l #	100
77) Bromobenzene	12.75	156	68908	20.298	ug/l	98
78) n-propylbenzene	12.80	91	354421	20.168	ug/l	100
79) 2-Chlorotoluene	12.90	91	202769	20.323	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	257764	20.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13228	18.586	ug/l	92
82) 4-Chlorotoluene	12.99	91	214253	20.378	ug/l	100
83) tert-Butylbenzene	13.21	119	210851	19.532	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	258387	19.994	ug/l	100
85) sec-Butylbenzene	13.39	105	311129	20.044	ug/l	99
86) p-Isopropyltoluene	13.50	119	279269	19.626	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	142793	20.273	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	144369	20.796	ug/l	99
89) n-Butylbenzene	13.83	91	265167	19.891	ug/l	99
90) Hexachloroethane	14.10	117	46223	19.843	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	128355	20.452	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8976	21.138	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030519\
Quantitation Report (Not Reviewed)

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QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

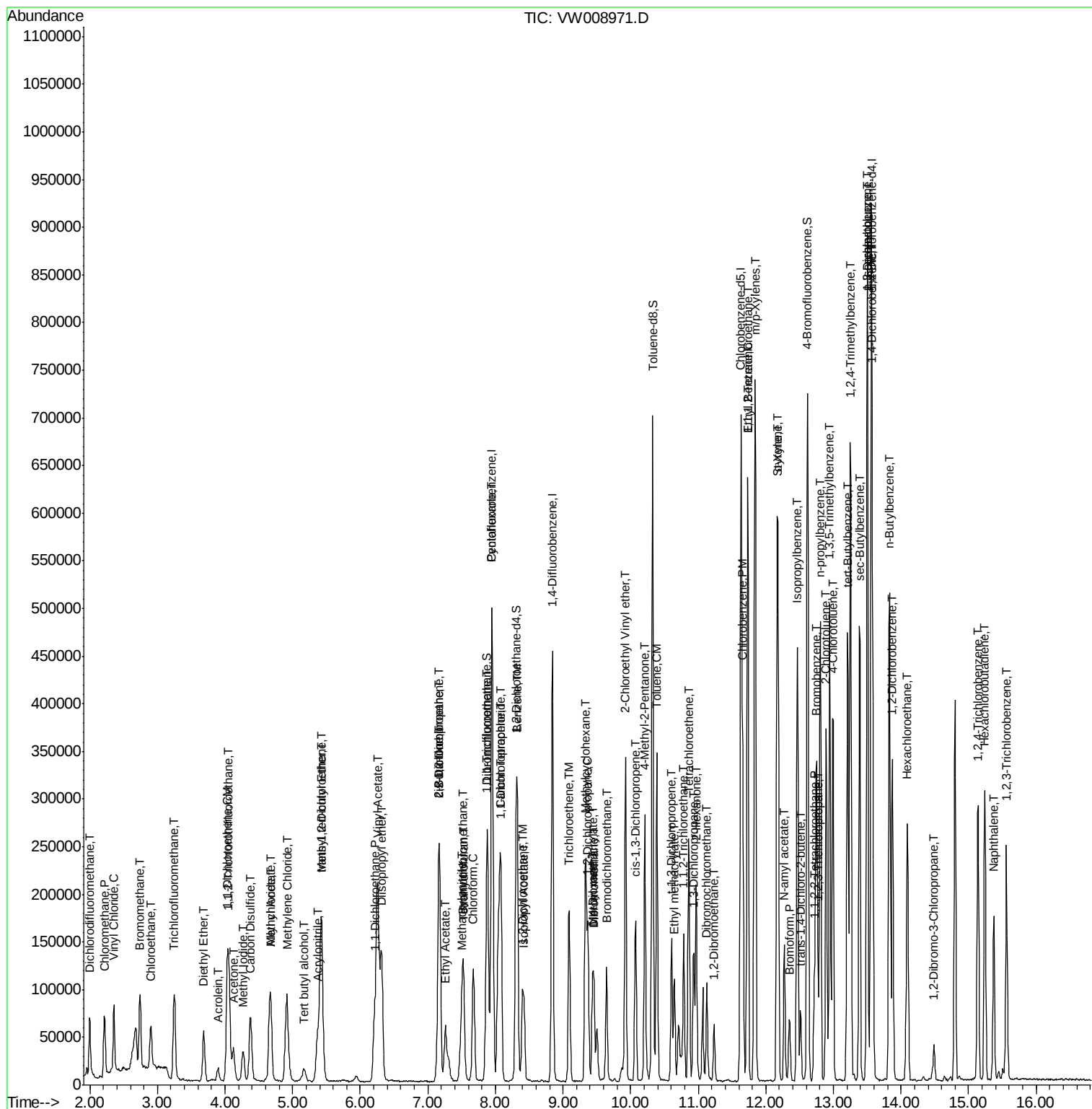
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	91324	20.196	ug/l	99
94) Hexachlorobutadiene	15.24	225	56351	21.156	ug/l	99
95) Naphthalene	15.37	128	144376	18.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	79387	20.305	ug/l	98

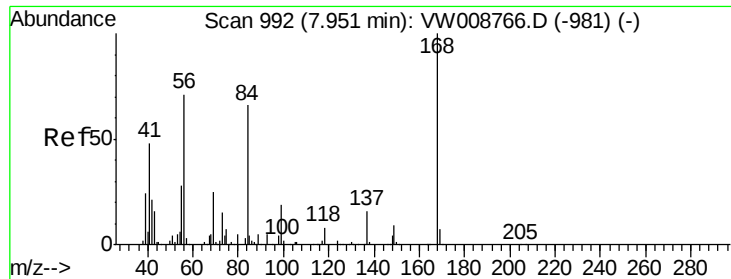
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

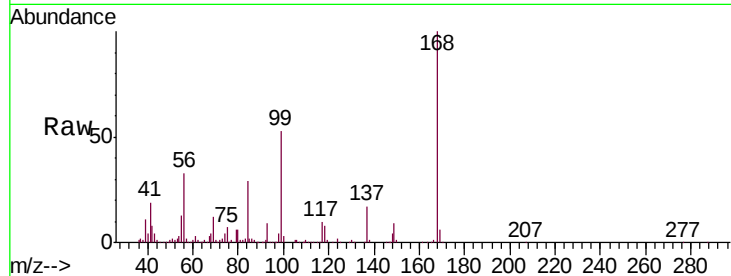
VW0305SBS01

Tgt Ion:168 Resp: 251561

Ion Ratio Lower Upper

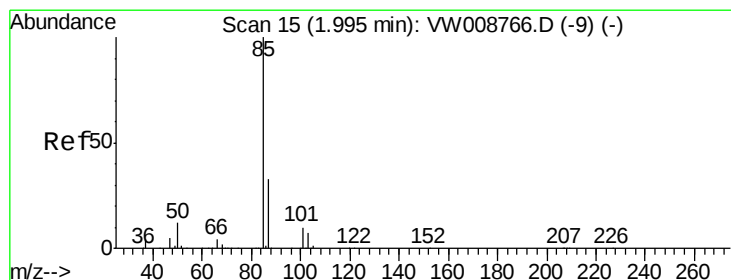
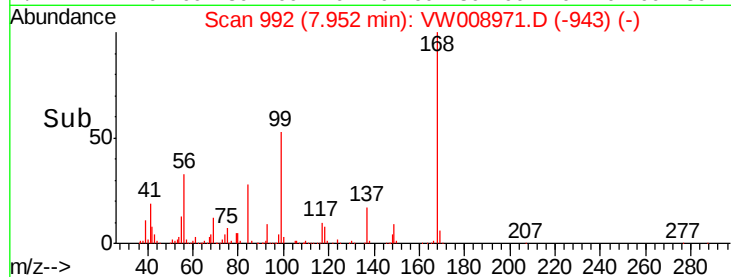
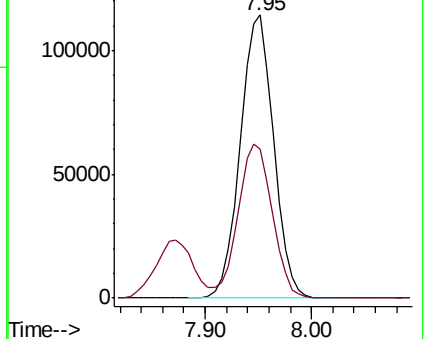
168 100

99 52.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.744 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008971.D

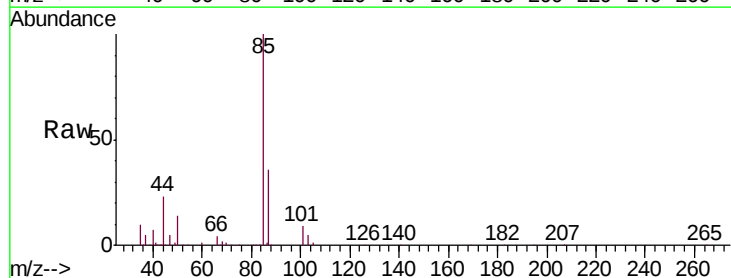
Acq: 04 Mar 2019 20:36

Tgt Ion: 85 Resp: 47227

Ion Ratio Lower Upper

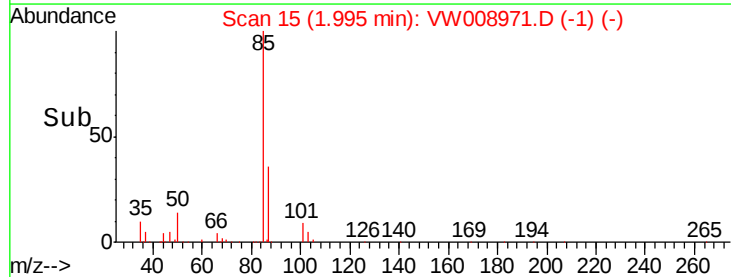
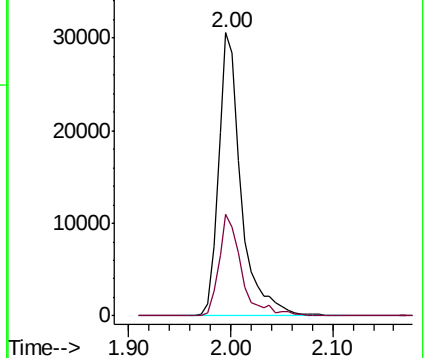
85 100

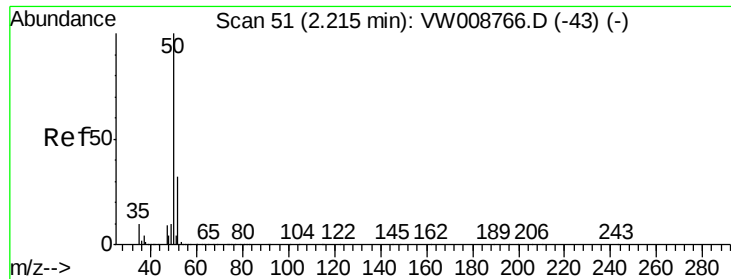
87 35.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.290 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

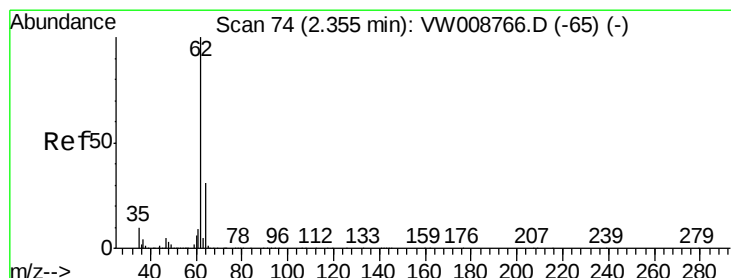
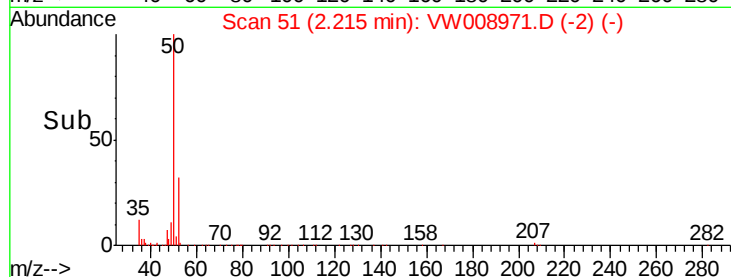
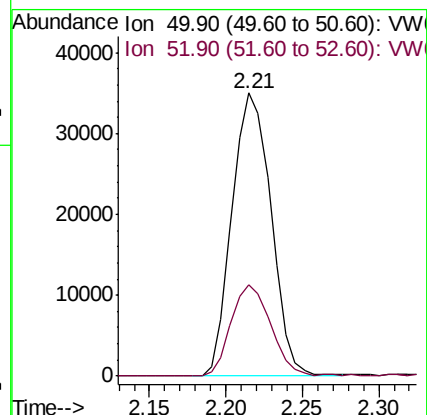
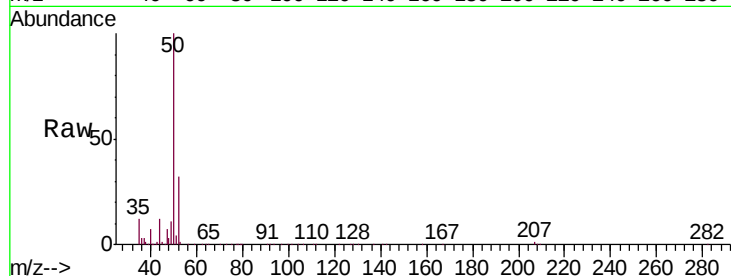
VW0305SBS01

Tgt Ion: 50 Resp: 62230

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 19.445 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008971.D

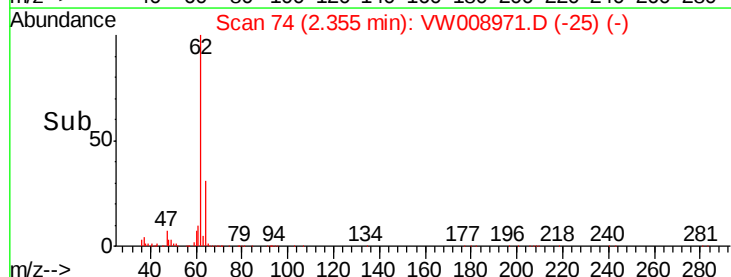
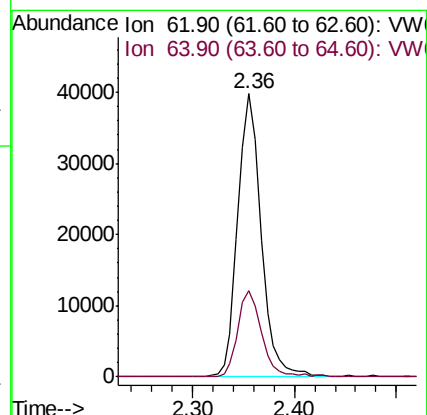
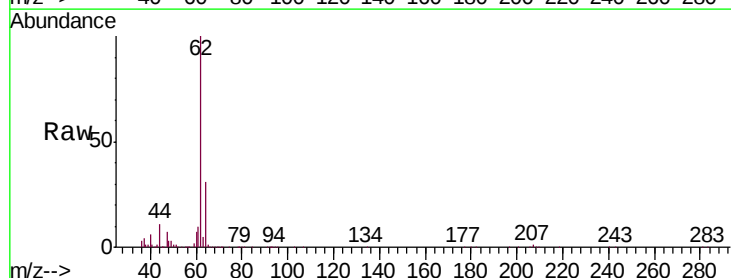
Acq: 04 Mar 2019 20:36

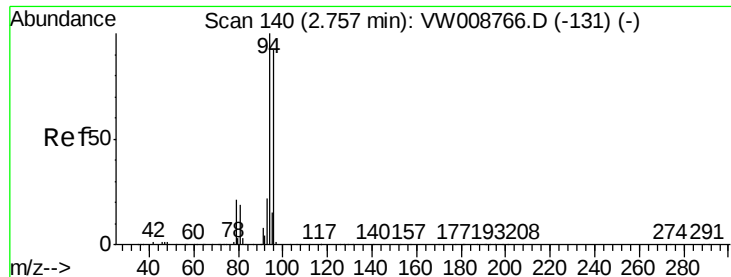
Tgt Ion: 62 Resp: 63143

Ion Ratio Lower Upper

62 100

64 30.6 24.9 37.3





#5

Bromomethane

Concen: 21.190 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

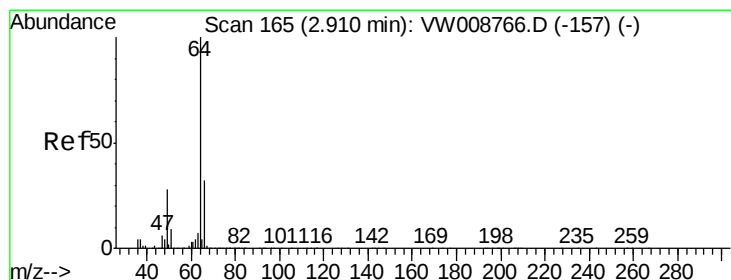
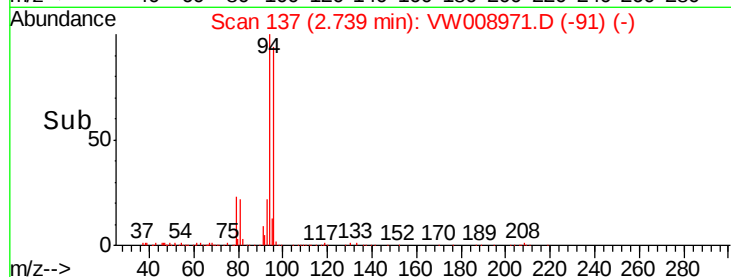
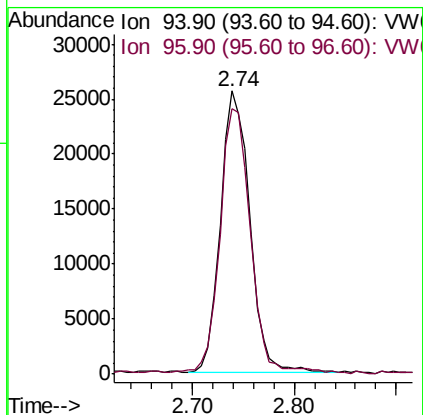
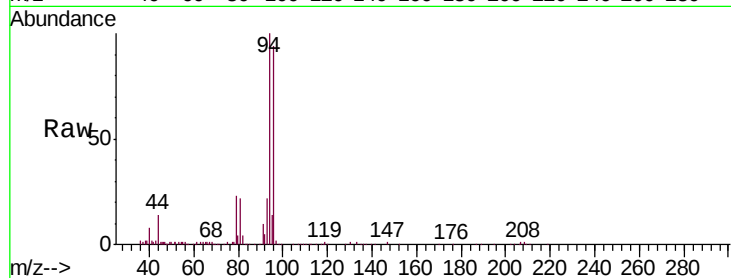
VW0305SBS01

Tgt Ion: 94 Resp: 51110

Ion Ratio Lower Upper

94 100

96 93.7 73.4 110.2



#6

Chloroethane

Concen: 19.969 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW008971.D

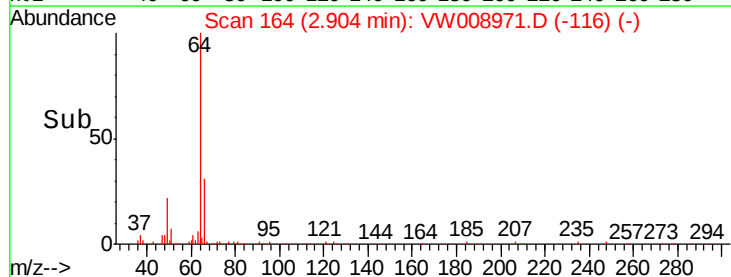
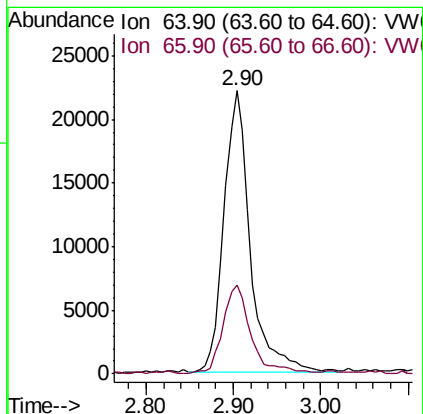
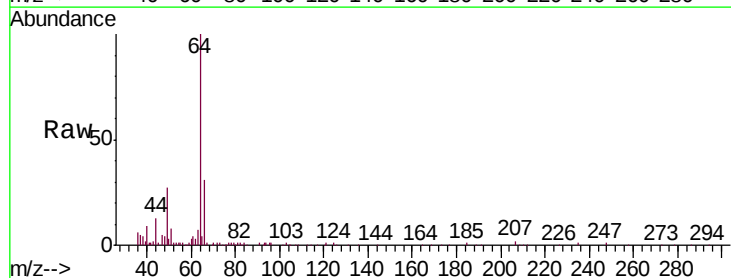
Acq: 04 Mar 2019 20:36

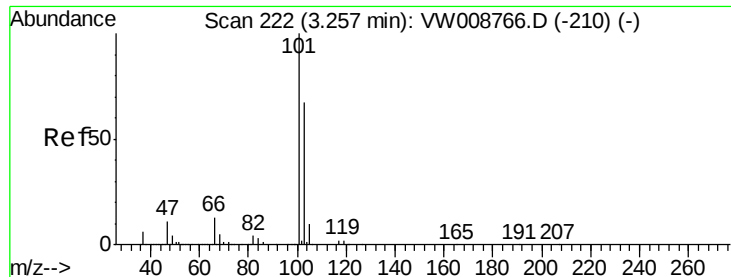
Tgt Ion: 64 Resp: 46047

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3



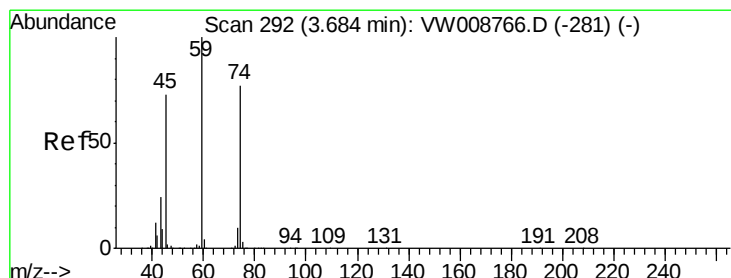
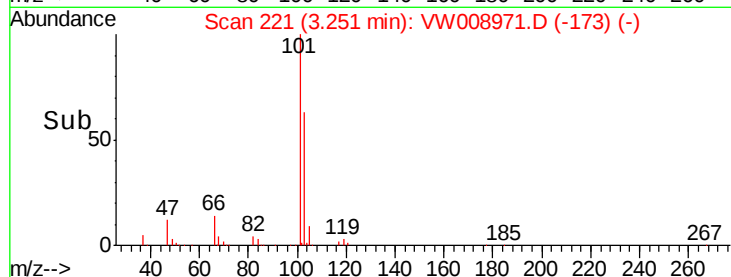
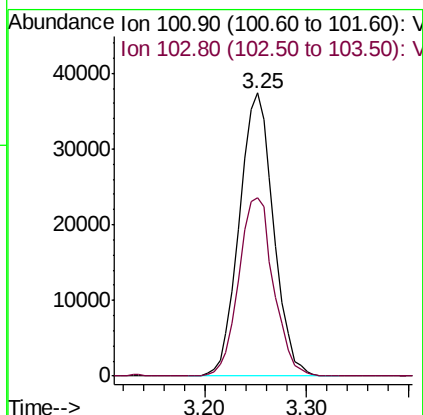
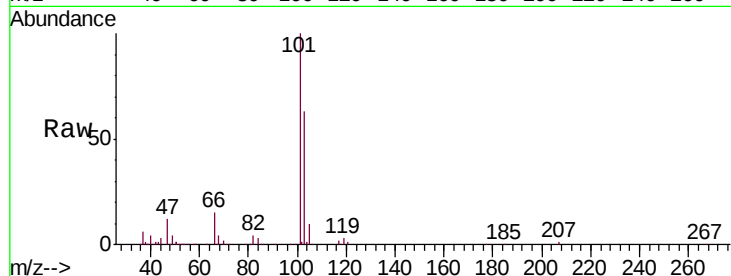


#7

Trichlorofluoromethane
 Concen: 21.182 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008971.D
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Instrument :
 MSVOA_W
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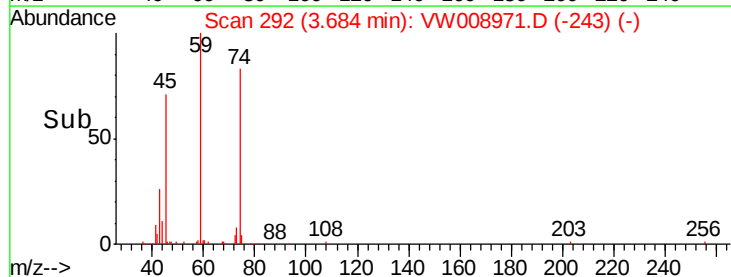
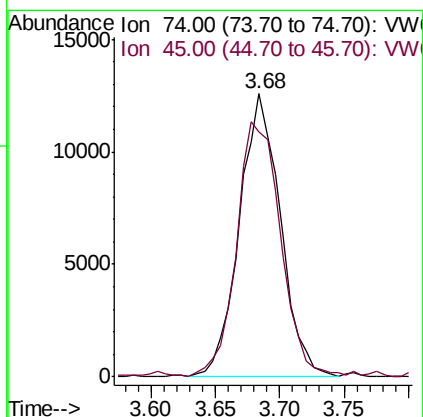
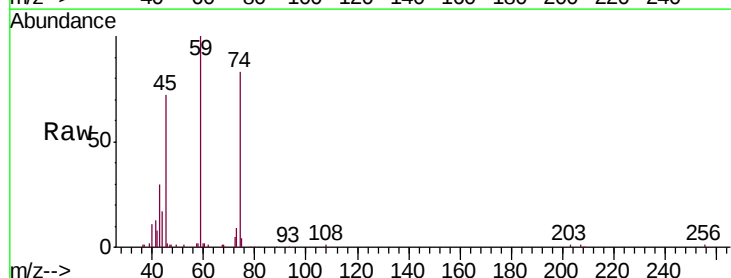
Tgt Ion:101 Resp: 86992
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.9 80.9

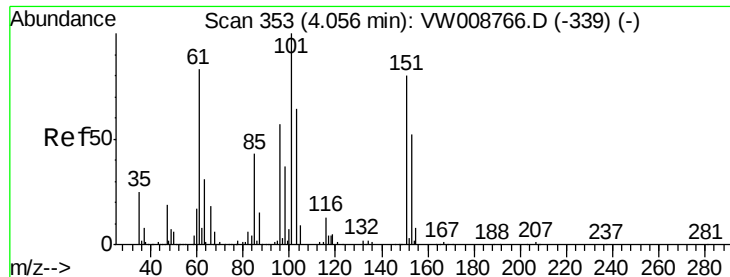


#8

Diethyl Ether
 Concen: 21.329 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion: 74 Resp: 27733
 Ion Ratio Lower Upper
 74 100
 45 97.1 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.812 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW008971.D

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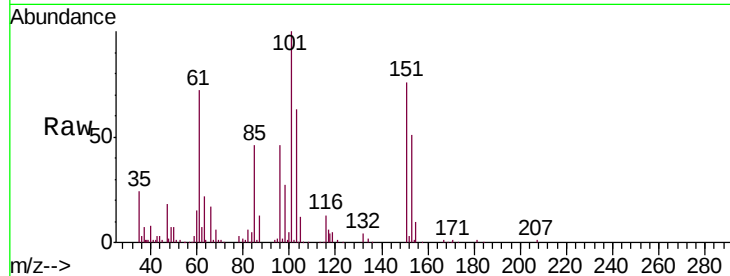
Tgt Ion:101 Resp: 54400

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

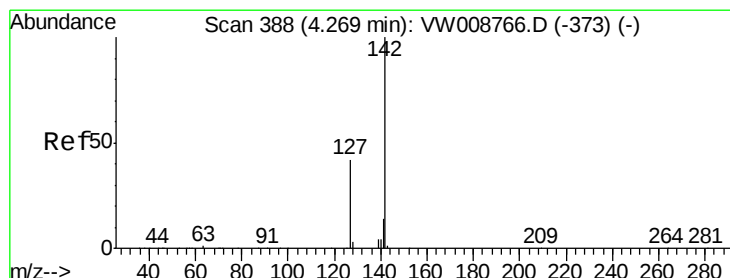
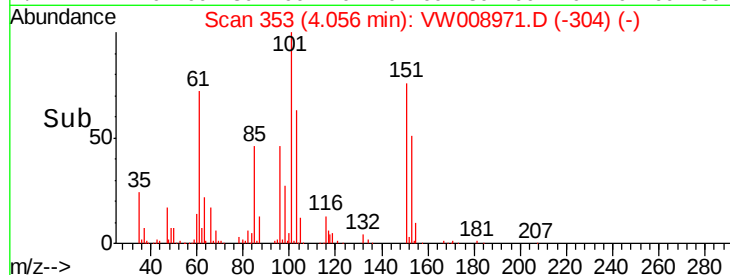
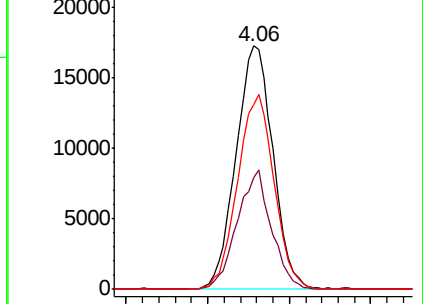
151 79.1 65.5 98.3



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: 16.033 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

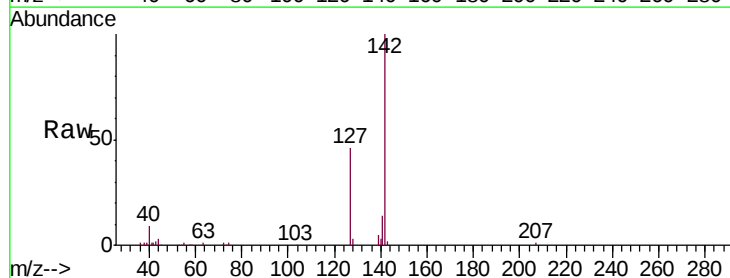
Tgt Ion:142 Resp: 50004

Ion Ratio Lower Upper

142 100

127 48.2 35.3 52.9

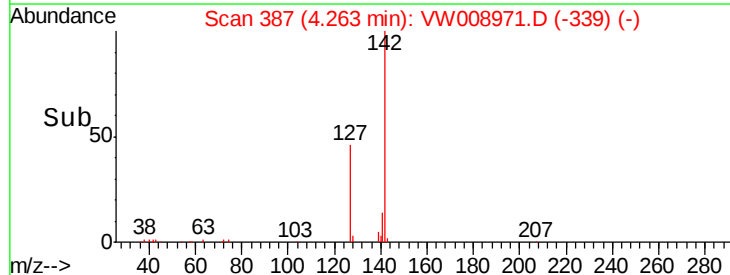
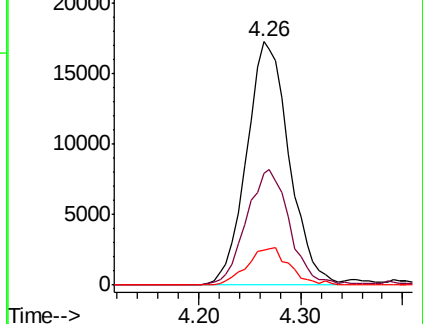
141 15.3 11.7 17.5

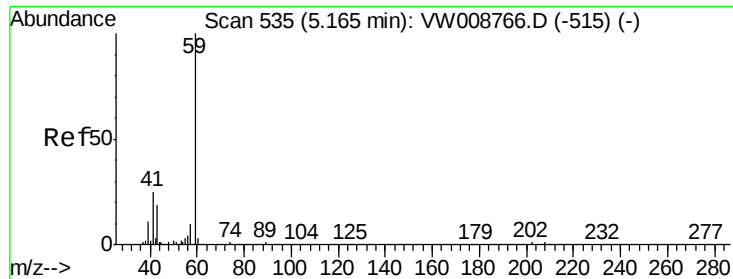


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

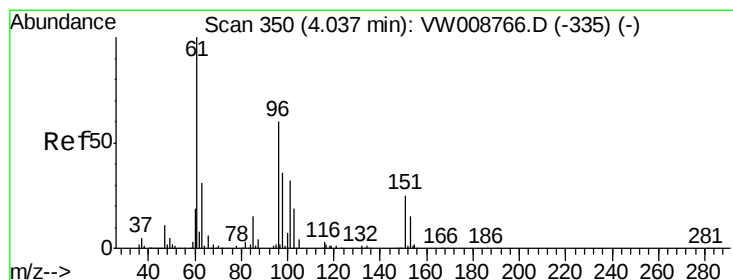
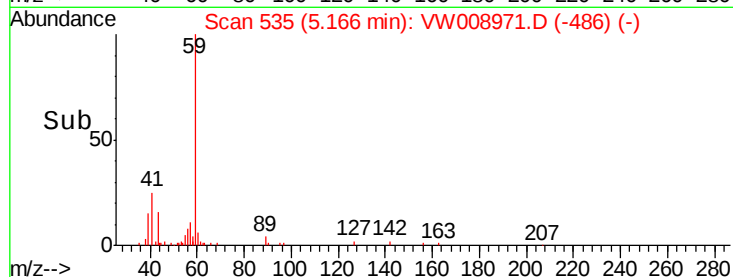
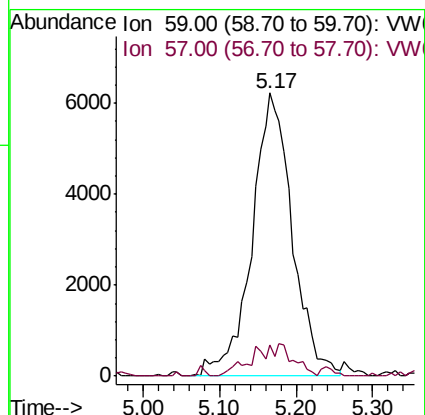
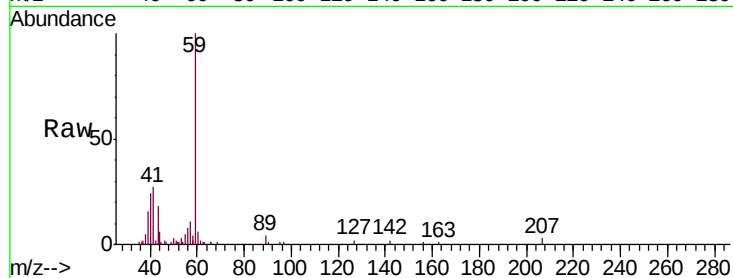




#11
Tert butyl alcohol
Concen: 108.412 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

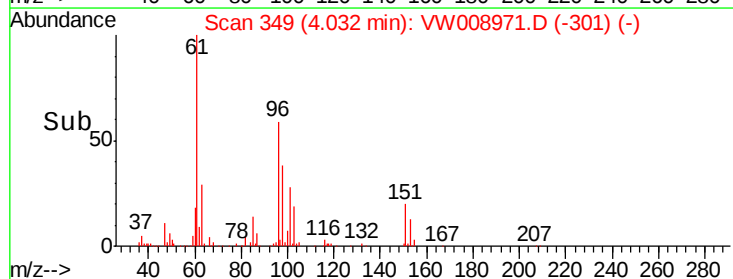
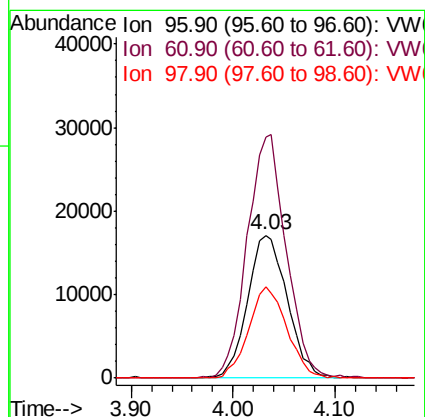
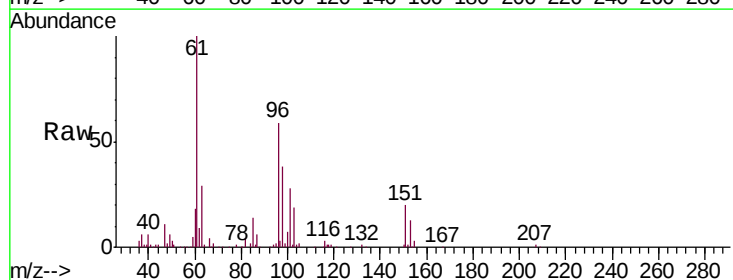
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

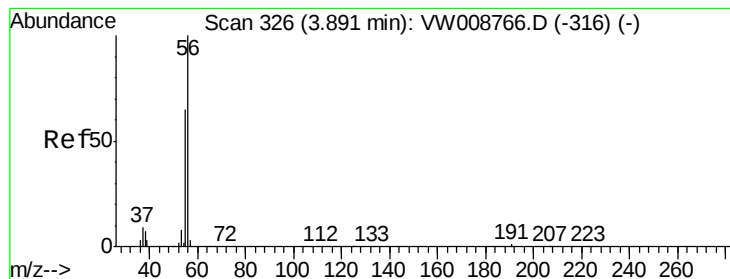
Tgt Ion: 59 Resp: 22772
Ion Ratio Lower Upper
59 100
57 6.5 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 21.026 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion: 96 Resp: 46312
Ion Ratio Lower Upper
96 100
61 168.9 132.5 198.7
98 63.9 48.2 72.4





#13

Acrolein

Concen: 86.993 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

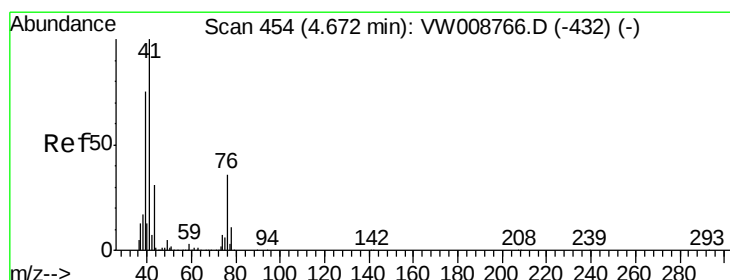
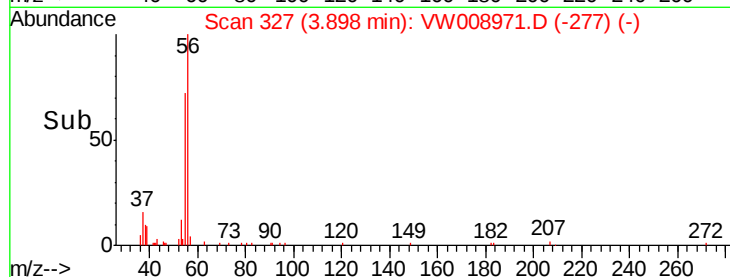
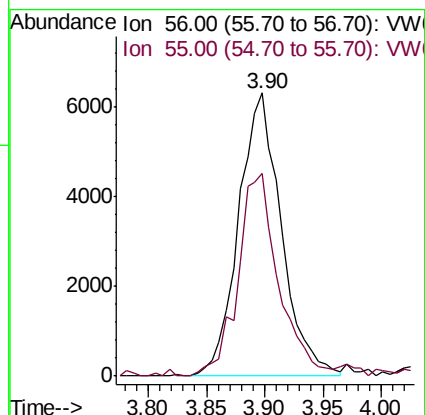
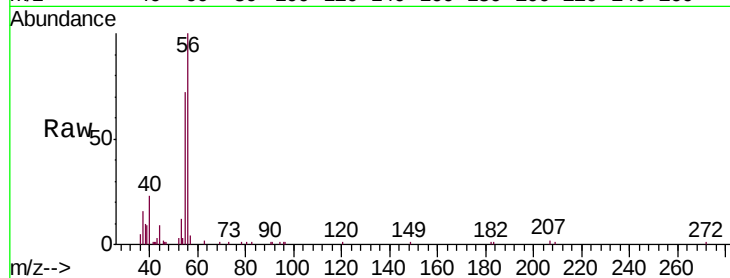
VW0305SBS01

Tgt Ion: 56 Resp: 16171

Ion Ratio Lower Upper

56 100

55 68.0 56.9 85.3



#14

Allyl chloride

Concen: 20.787 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

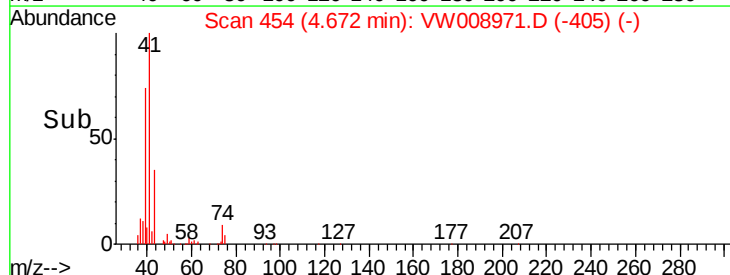
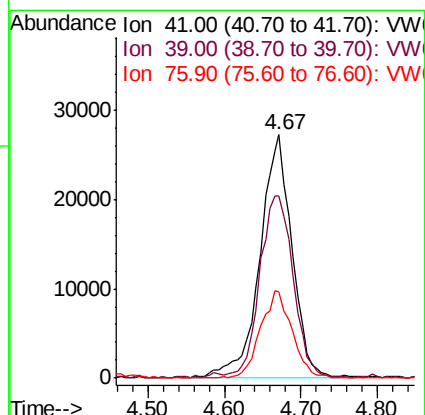
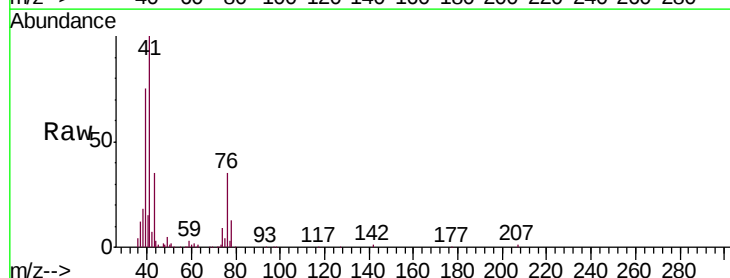
Tgt Ion: 41 Resp: 79021

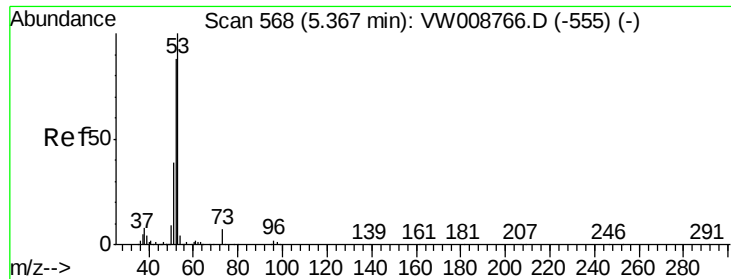
Ion Ratio Lower Upper

41 100

39 77.6 60.6 91.0

76 35.5 28.6 42.8





#15

Acrylonitrile

Concen: 111.269 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

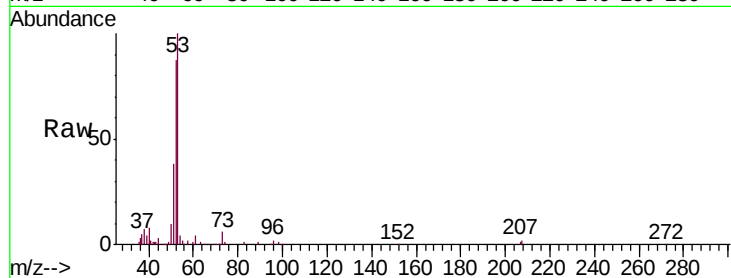
MSVOA_W

ClientSampleId :

VW0305SBS01

Tgt Ion: 53 Resp: 62090

Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.2	100.8
51	38.4	31.1	46.7

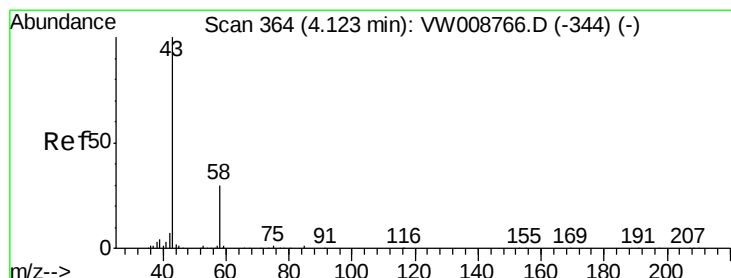
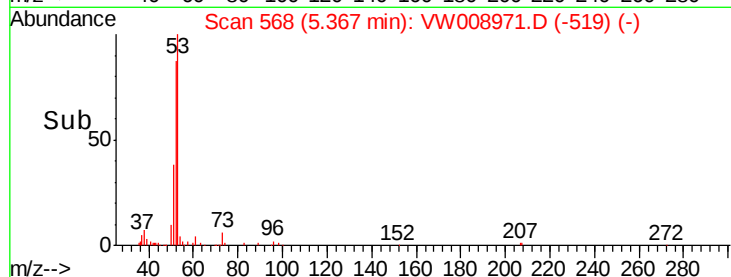
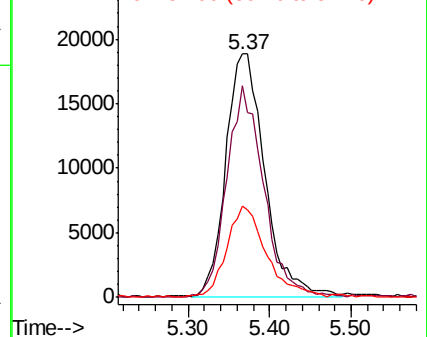


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 104.086 ug/l

RT: 4.12 min Scan# 364

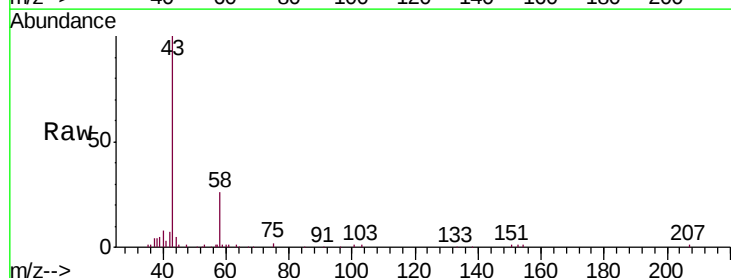
Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Tgt Ion: 43 Resp: 56924

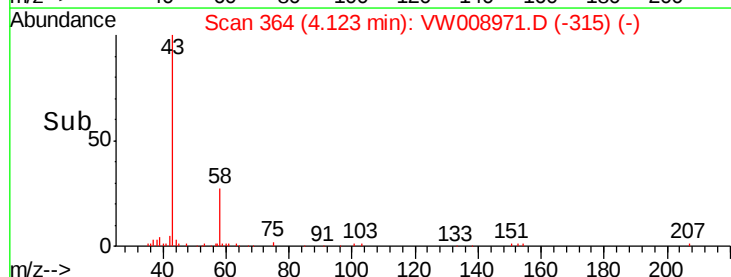
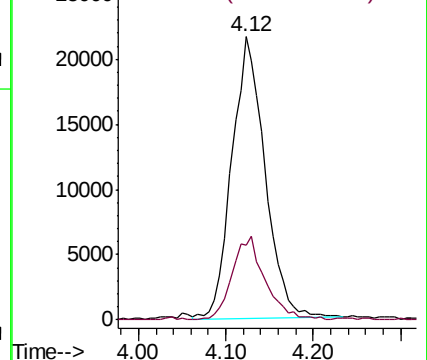
Ion	Ratio	Lower	Upper
43	100		
58	26.7	23.8	35.6

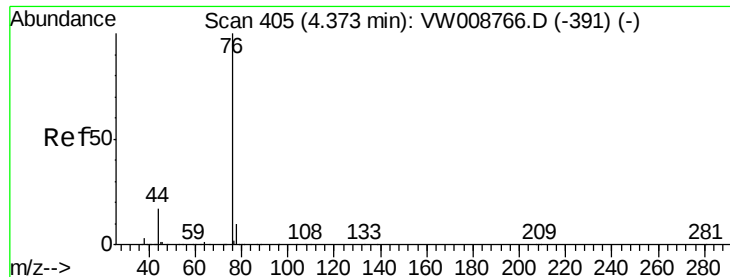


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

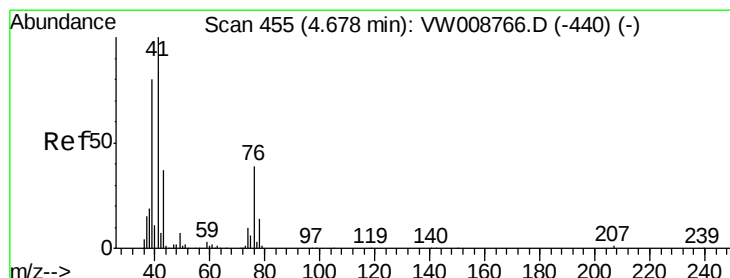
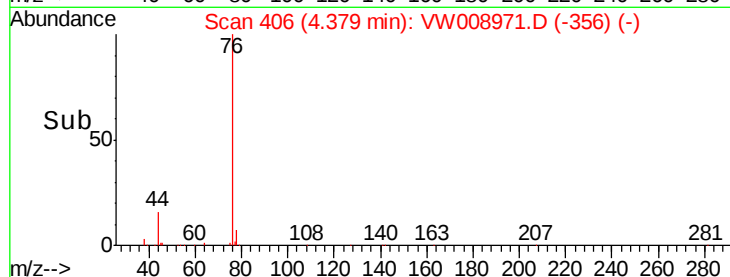
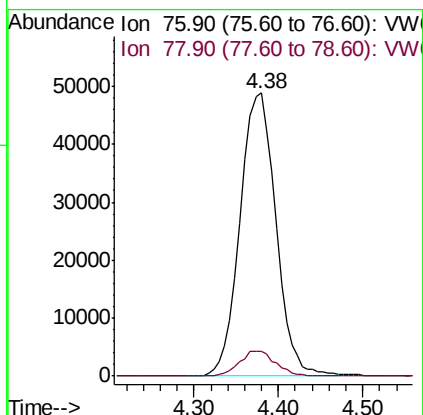
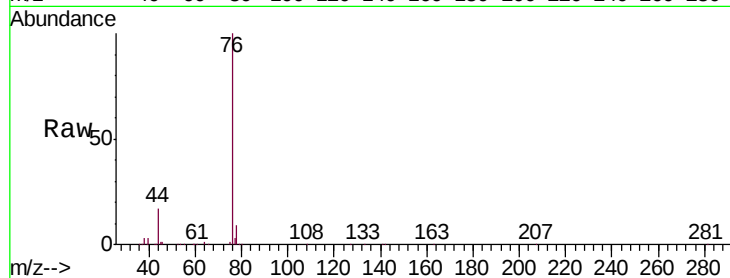




#17
Carbon Disulfide
Concen: 19.320 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

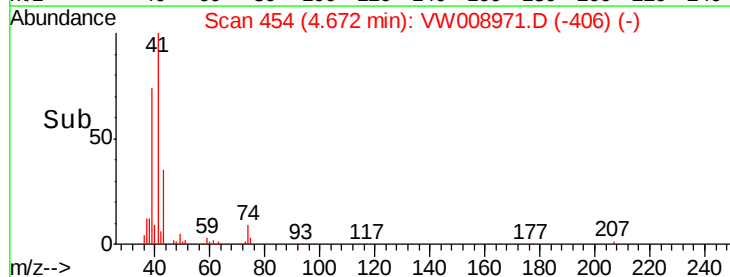
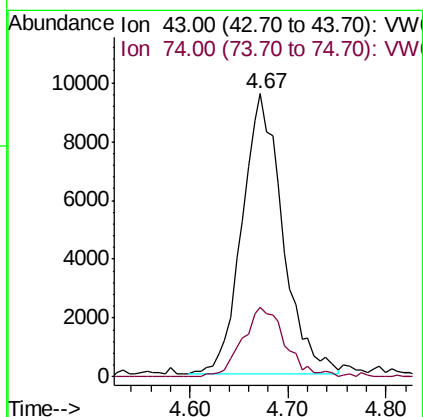
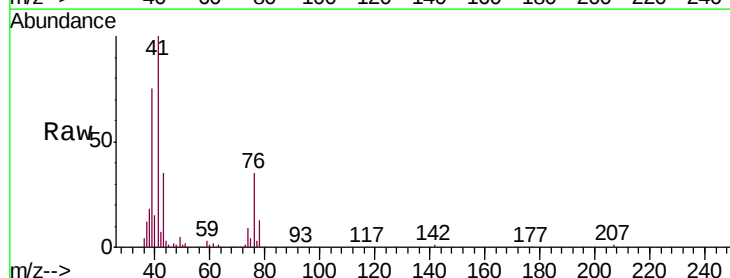
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

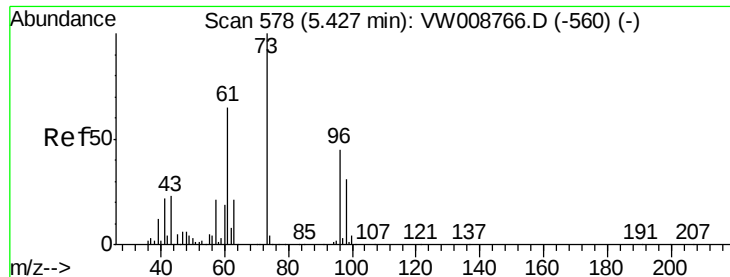
Tgt Ion: 76 Resp: 141187
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8



#18
Methyl Acetate
Concen: 21.242 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion: 43 Resp: 27555
Ion Ratio Lower Upper
43 100
74 26.2 19.4 29.2



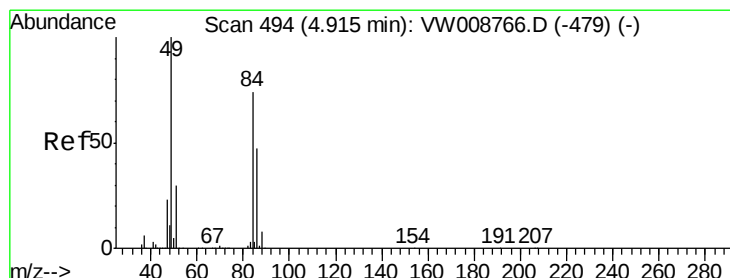
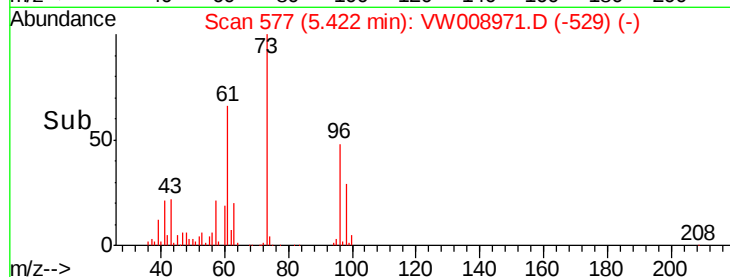
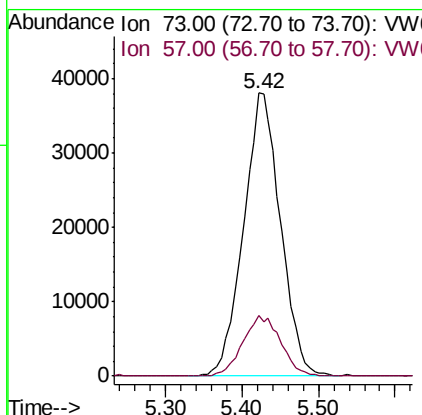
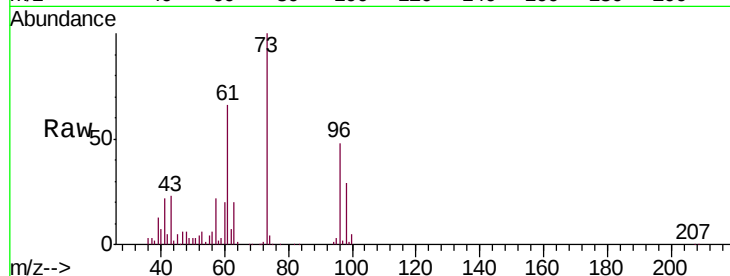


#19

Methyl tert-butyl Ether
 Concen: 21.393 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

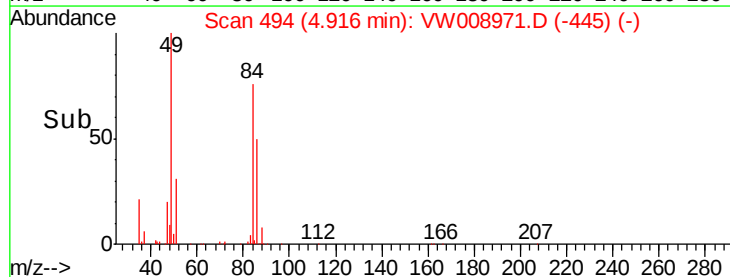
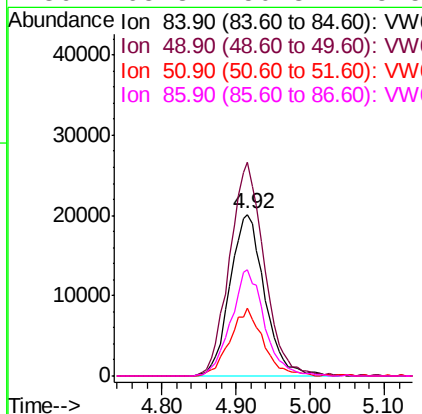
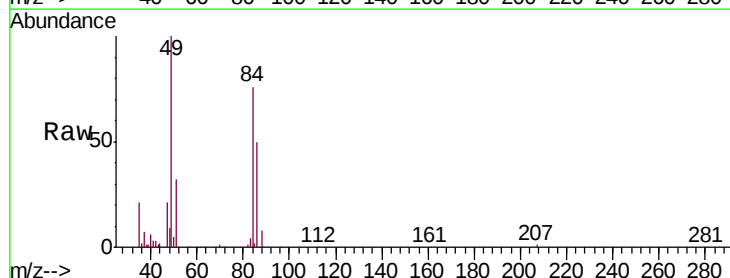
Tgt Ion: 73 Resp: 127541
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.8 25.2

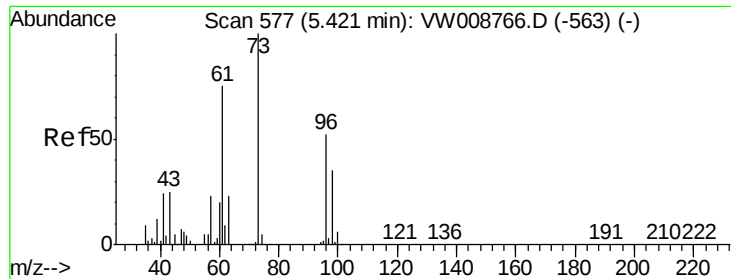


#20

Methylene Chloride
 Concen: 21.441 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion: 84 Resp: 65626
 Ion Ratio Lower Upper
 84 100
 49 131.9 108.2 162.2
 51 42.1 32.7 49.1
 86 65.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 21.557 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

VW0305SBS01

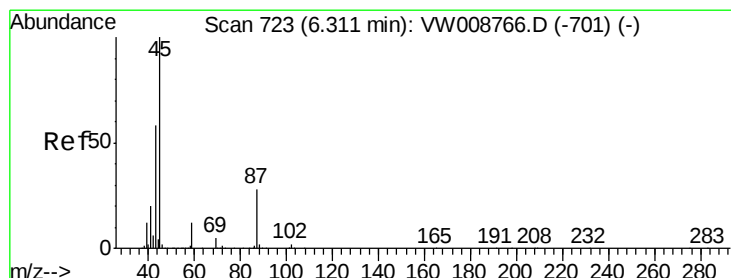
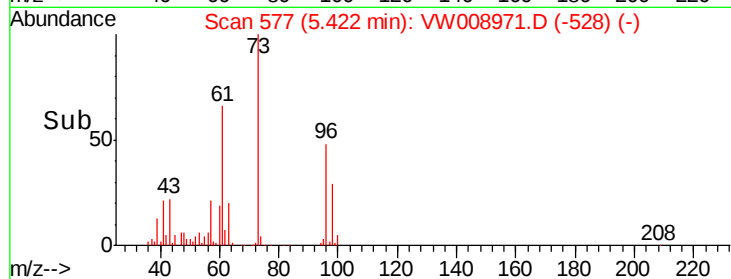
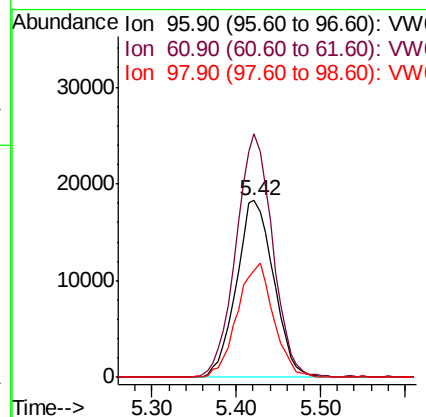
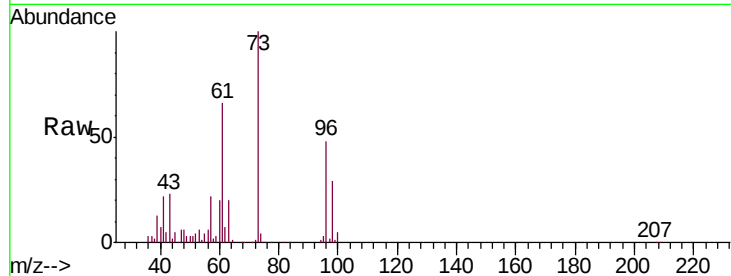
Tgt Ion: 96 Resp: 54924

Ion Ratio Lower Upper

96 100

61 137.5 114.6 171.8

98 60.6 54.0 81.0



#22

Diisopropyl ether

Concen: 22.251 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Tgt Ion: 45 Resp: 168738

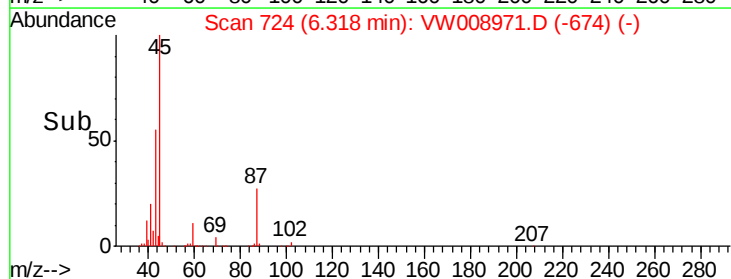
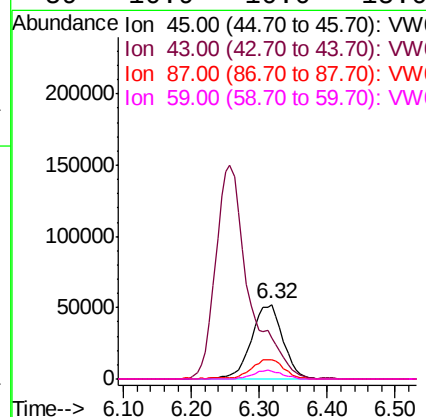
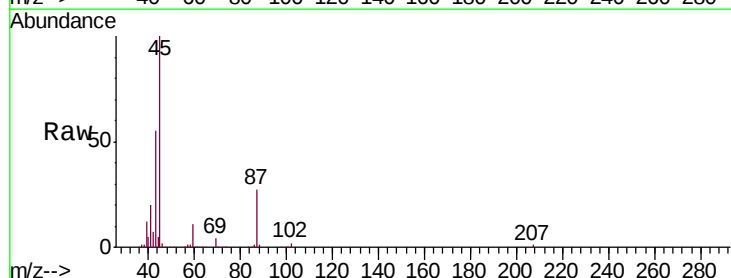
Ion Ratio Lower Upper

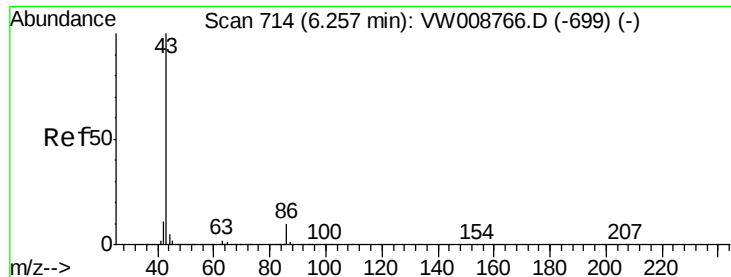
45 100

43 54.3 46.1 69.1

87 26.7 22.2 33.4

59 10.9 10.0 15.0





#23

Vinyl Acetate

Concen: 108.332 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

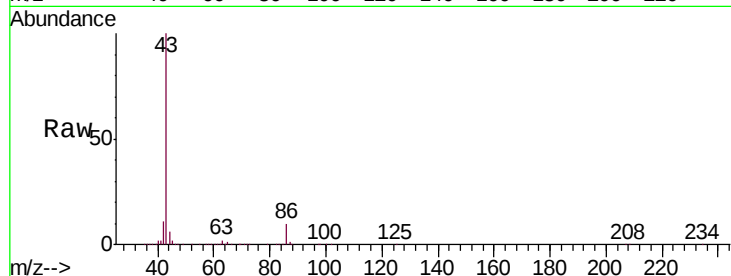
VW0305SBS01

Tgt Ion: 43 Resp: 507571

Ion Ratio Lower Upper

43 100

86 10.2 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

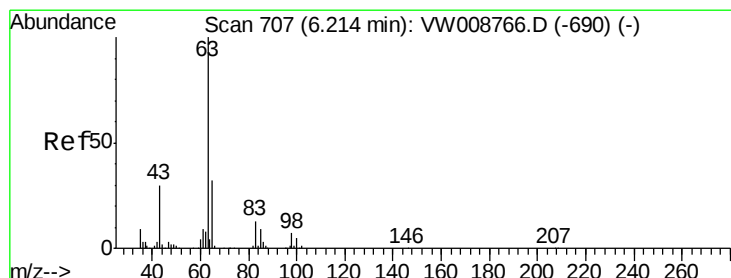
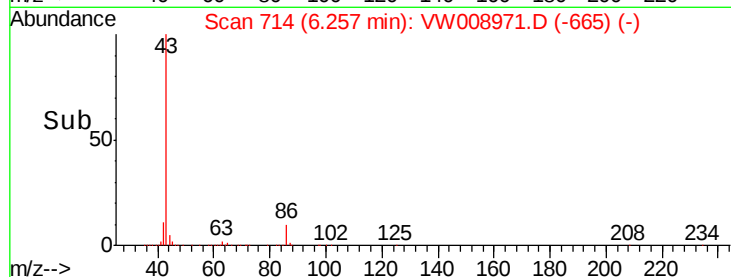
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.081 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

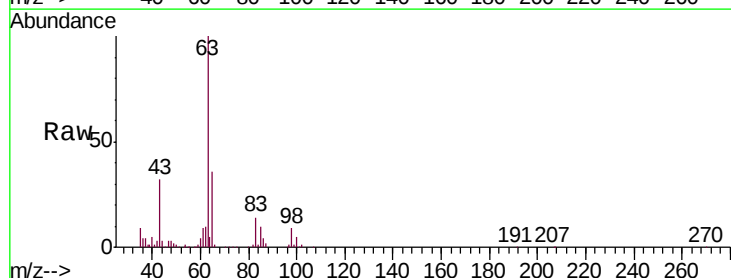
Tgt Ion: 63 Resp: 97030

Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.6

100 4.6 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

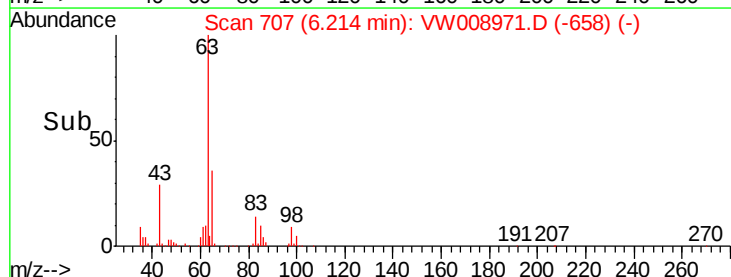
30000

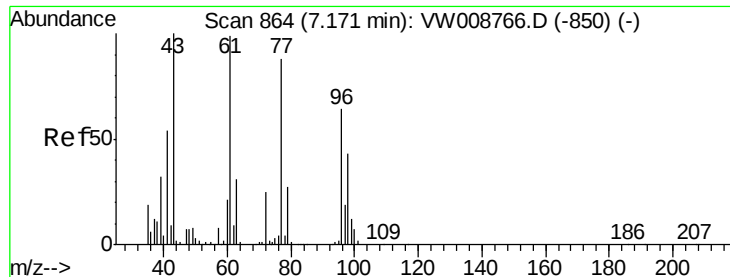
20000

10000

0

Time-->





#25

2-Butanone

Concen: 107.154 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

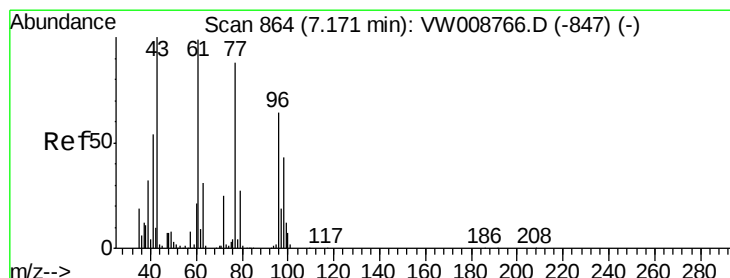
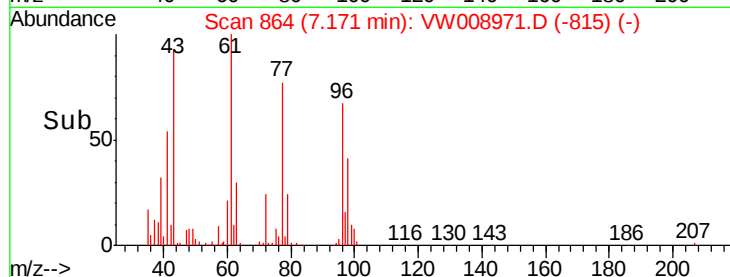
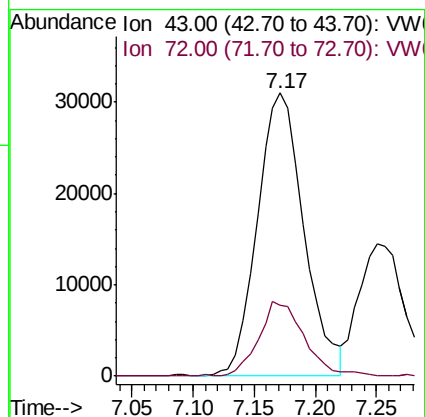
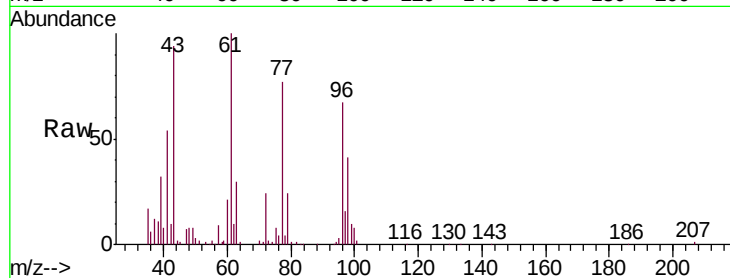
VW0305SBS01

Tgt Ion: 43 Resp: 81929

Ion Ratio Lower Upper

43 100

72 25.3 19.7 29.5



#26

2,2-Dichloropropane

Concen: 20.519 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008971.D

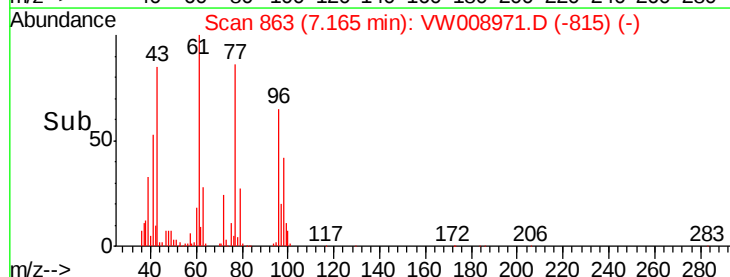
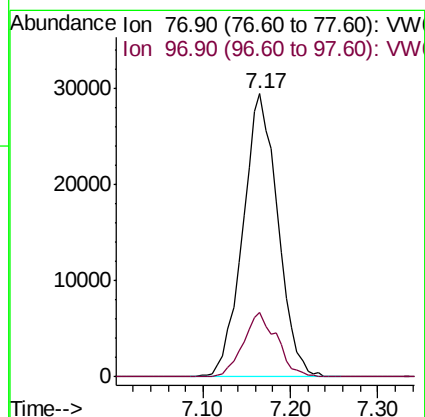
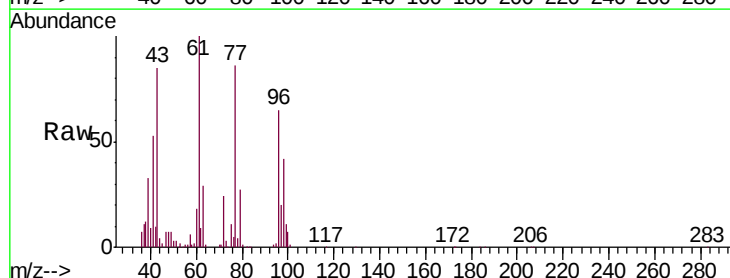
Acq: 04 Mar 2019 20:36

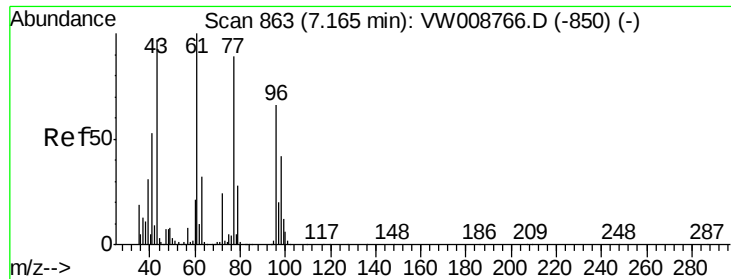
Tgt Ion: 77 Resp: 81861

Ion Ratio Lower Upper

77 100

97 22.1 11.0 33.0



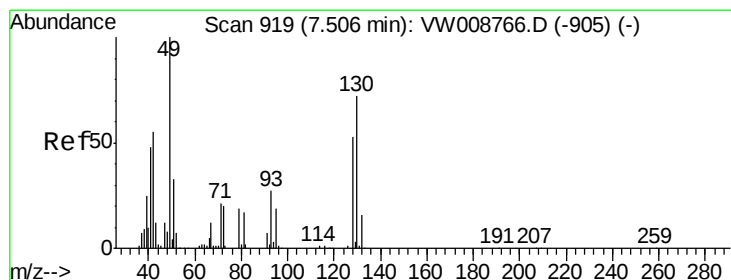
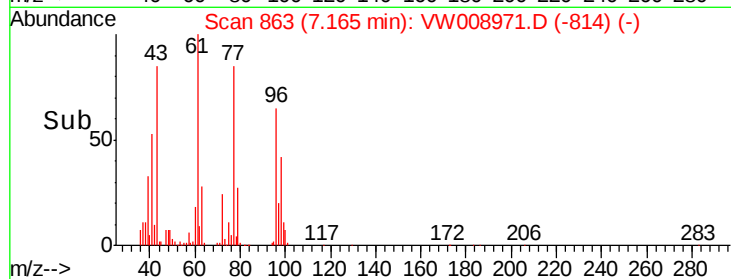
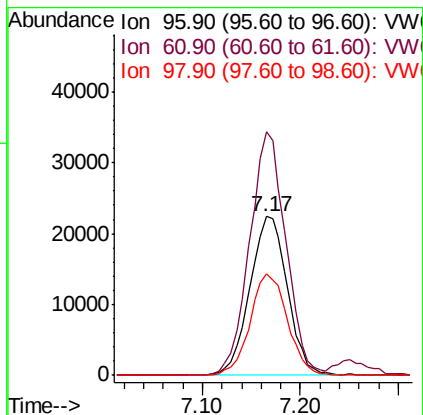
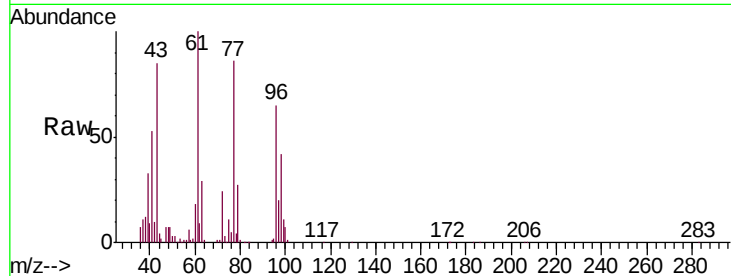


#27

cis-1,2-Dichloroethene
Concen: 21.955 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

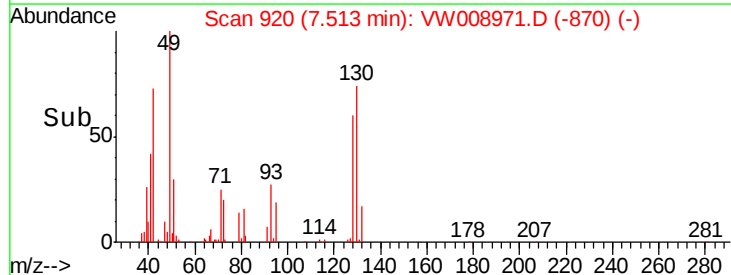
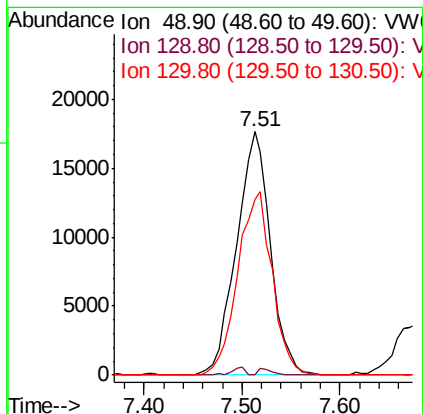
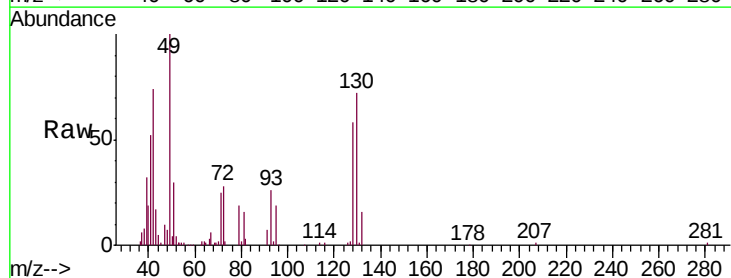
Tgt Ion: 96 Resp: 59835
Ion Ratio Lower Upper
96 100
61 147.8 0.0 302.6
98 63.1 0.0 130.0

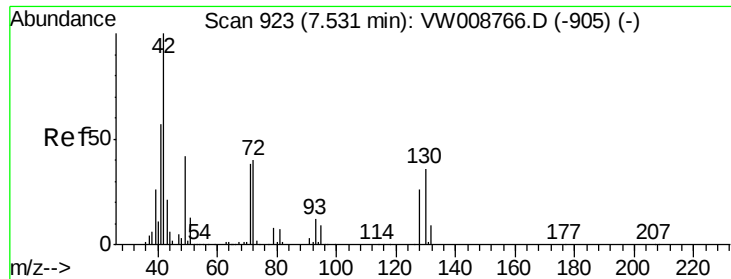


#28

Bromochloromethane
Concen: 23.084 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion: 49 Resp: 42448
Ion Ratio Lower Upper
49 100
129 1.0 0.0 2.6
130 76.6 61.3 91.9

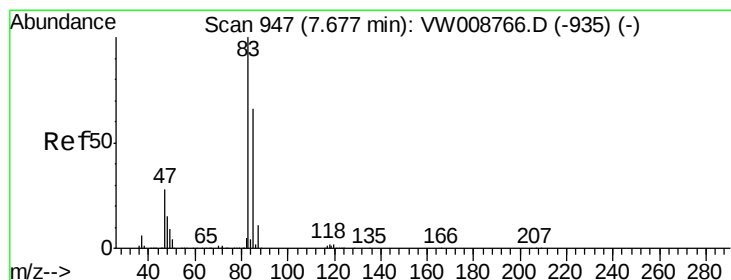
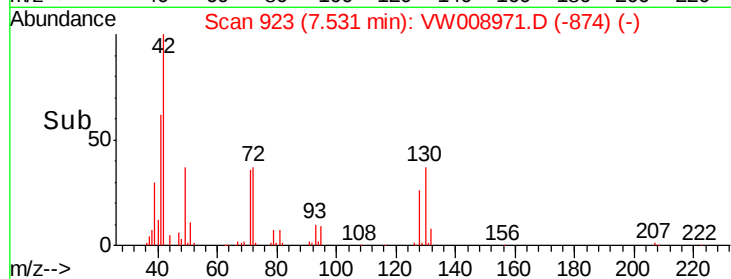
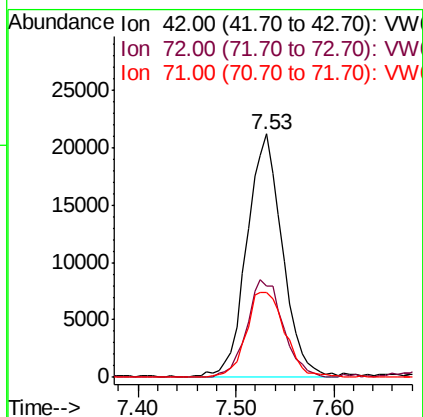
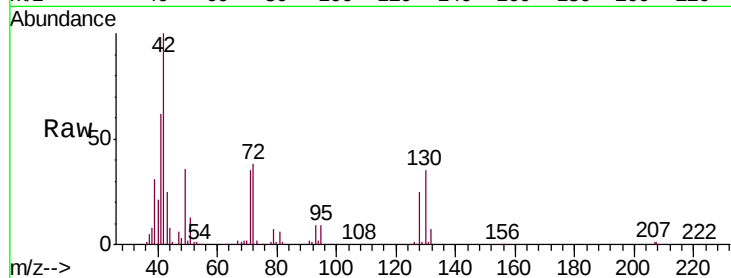




#29
Tetrahydrofuran
Concen: 110.770 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

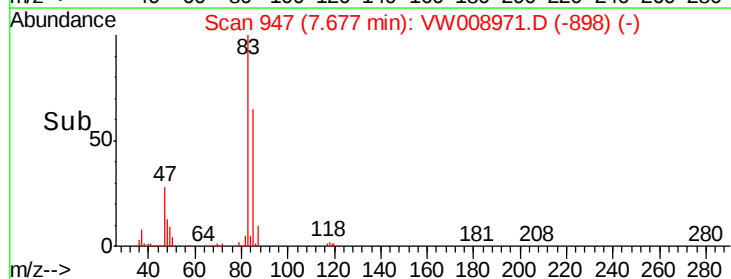
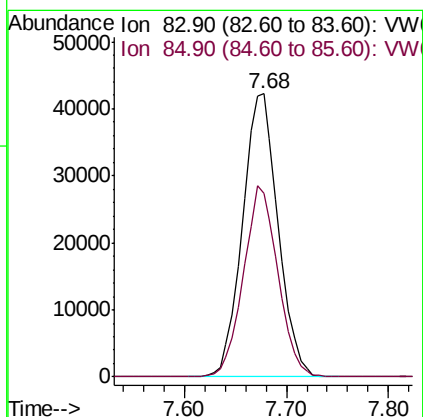
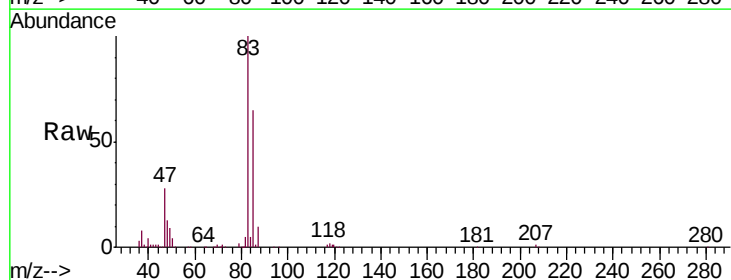
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

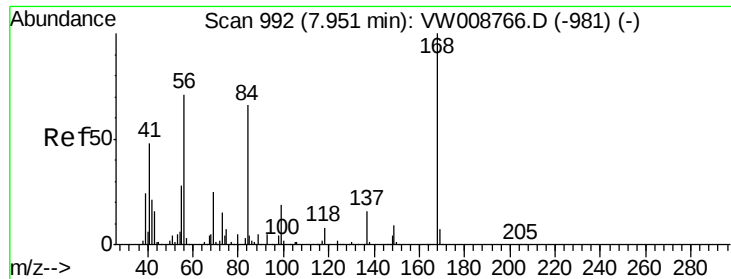
Tgt Ion: 42 Resp: 53973
Ion Ratio Lower Upper
42 100
72 40.6 32.7 49.1
71 38.0 31.3 46.9



#30
Chloroform
Concen: 22.720 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion: 83 Resp: 102424
Ion Ratio Lower Upper
83 100
85 64.7 52.6 79.0

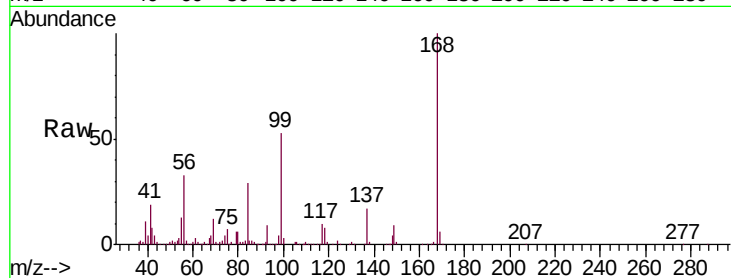




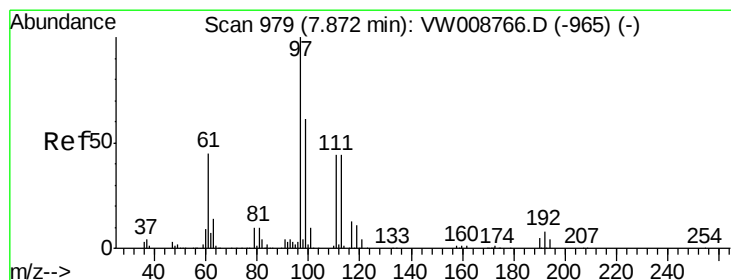
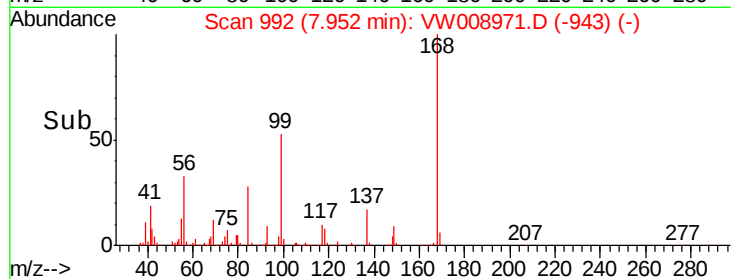
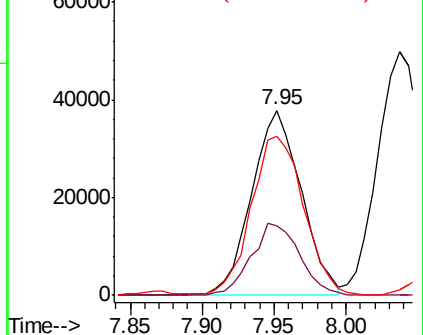
#31
Cyclohexane
Concen: 20.334 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

Tgt Ion: 56 Resp: 90446
Ion Ratio Lower Upper
56 100
69 37.1 28.2 42.4
84 85.5 74.1 111.1

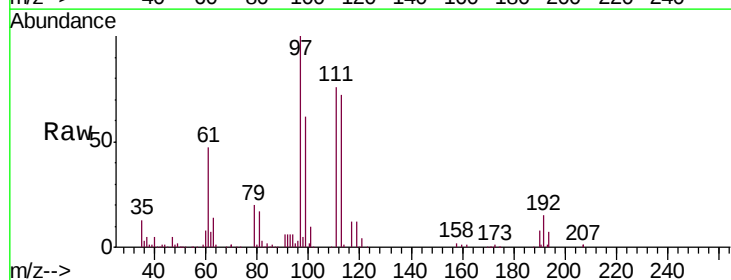


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

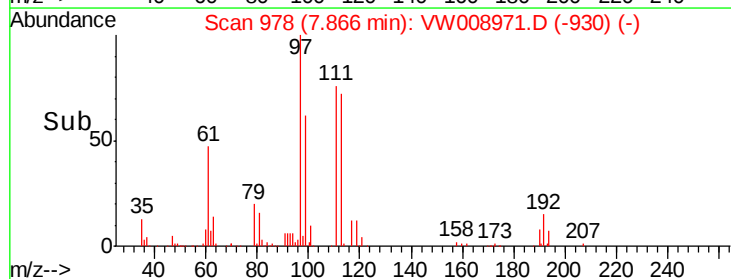
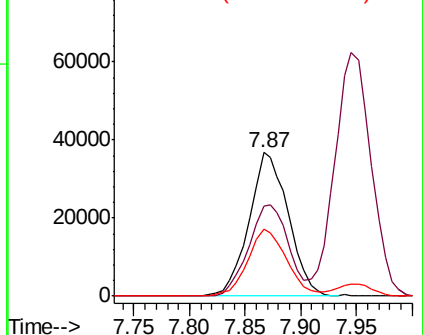


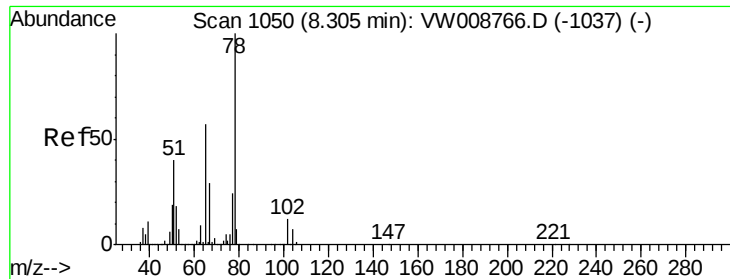
#32
1,1,1-Trichloroethane
Concen: 22.008 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion: 97 Resp: 90224
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 46.1 36.0 54.0



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





#33

1,2-Dichloroethane-d4

Concen: 55.663 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

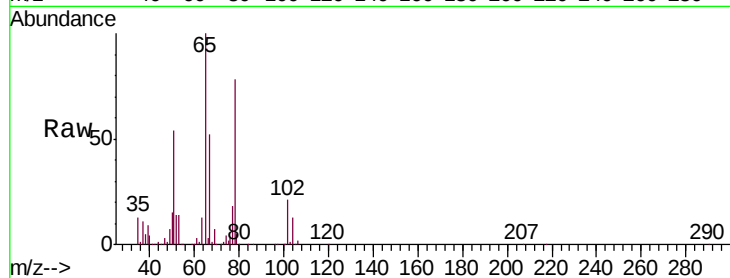
VW0305SBS01

Tgt Ion: 65 Resp: 131333

Ion Ratio Lower Upper

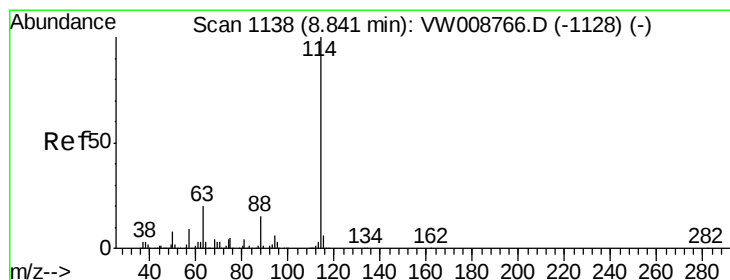
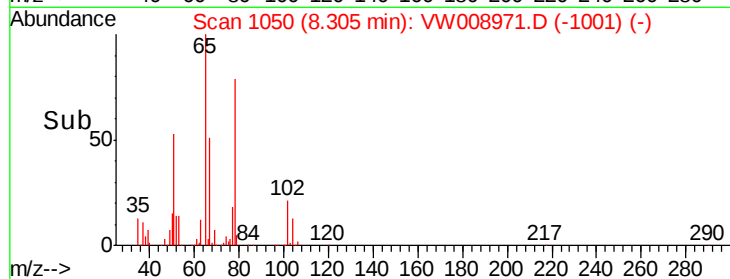
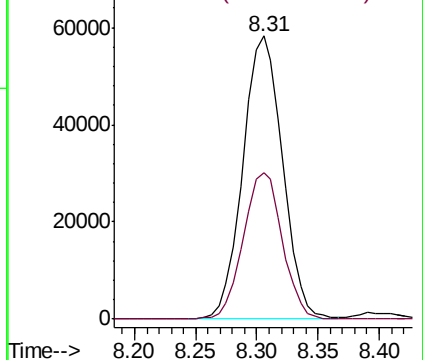
65 100

67 51.0 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

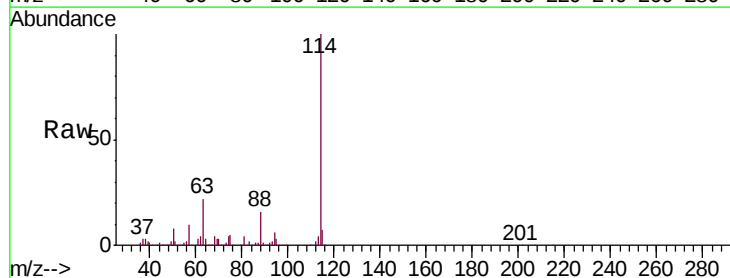
Tgt Ion: 114 Resp: 367420

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

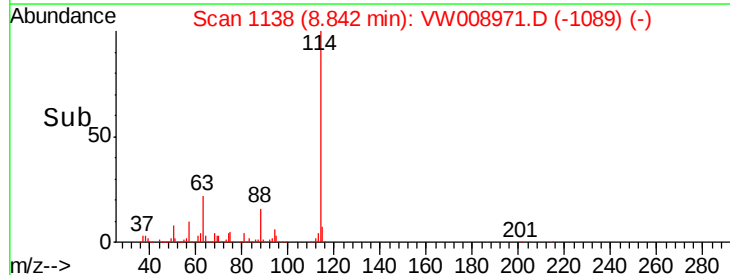
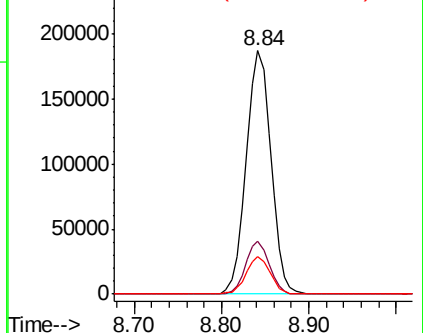
88 15.6 0.0 30.4

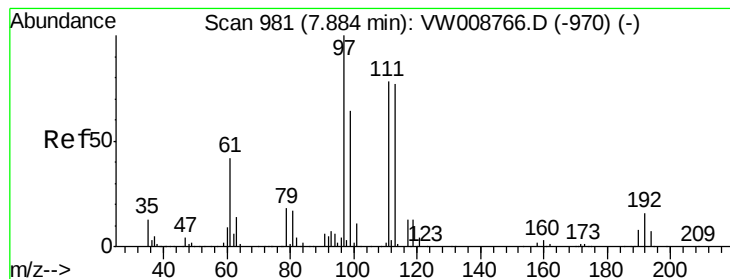


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 53.267 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

VW0305SBS01

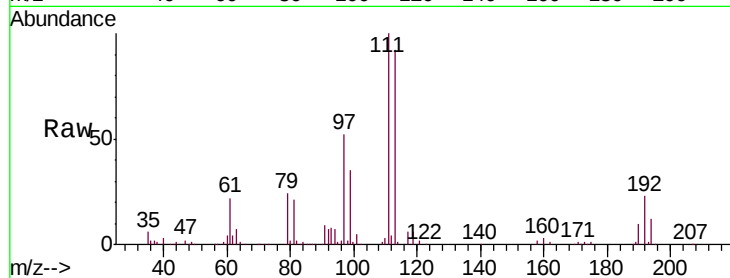
Tgt Ion:113 Resp: 117508

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

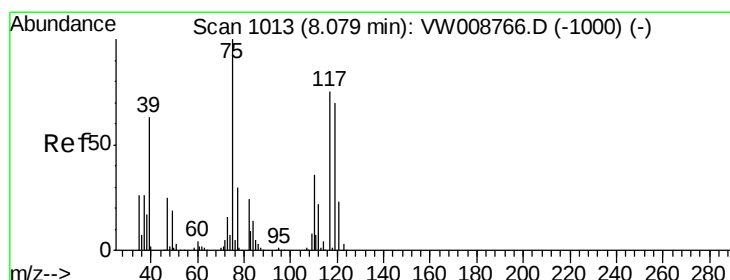
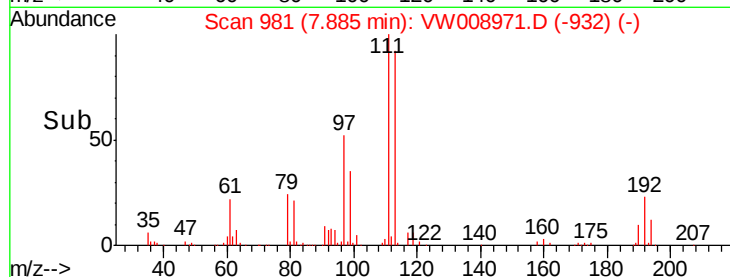
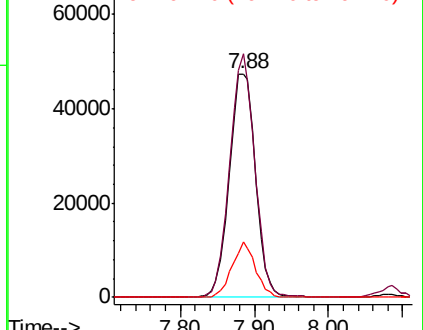
192 22.0 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.588 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

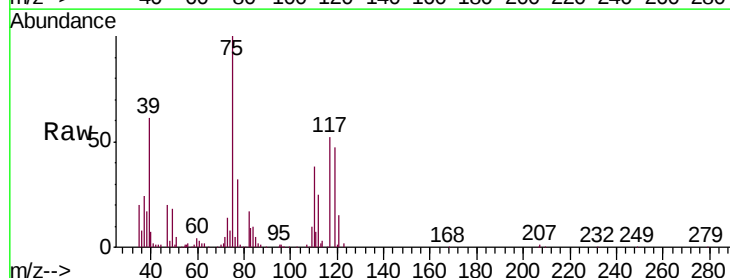
Tgt Ion: 75 Resp: 77212

Ion Ratio Lower Upper

75 100

110 35.1 17.5 52.6

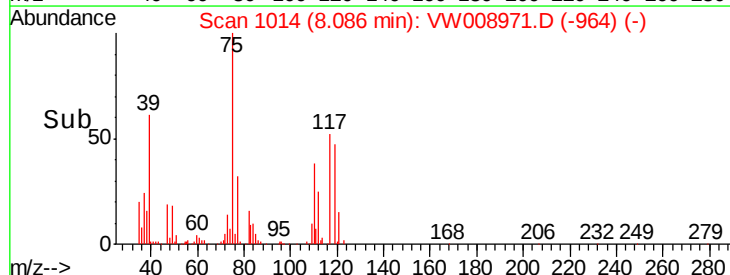
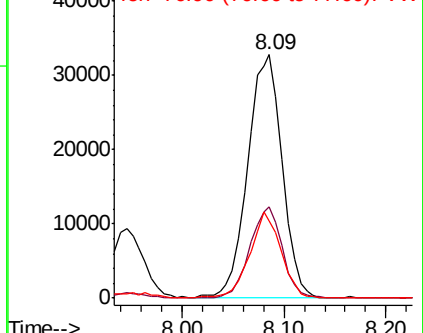
77 32.2 24.5 36.7

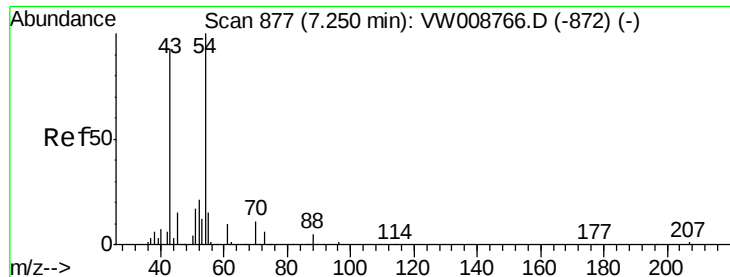


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

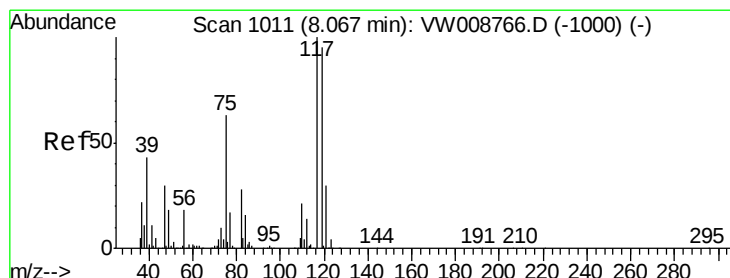
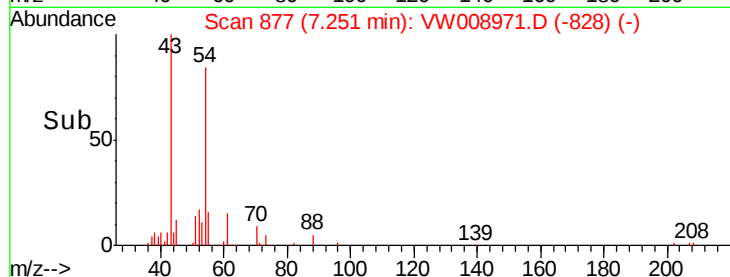
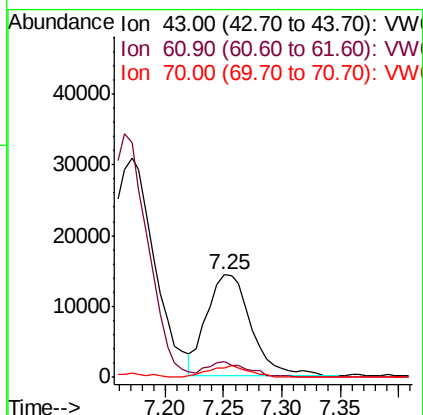
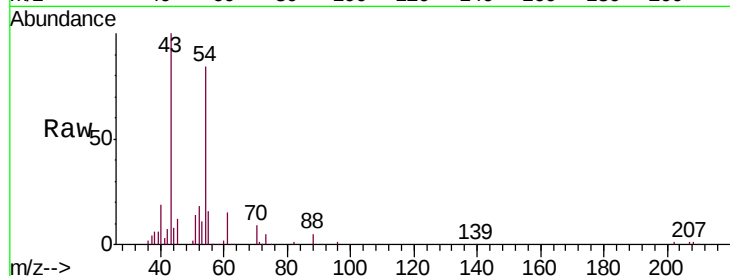




#37
Ethyl Acetate
Concen: 22.519 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

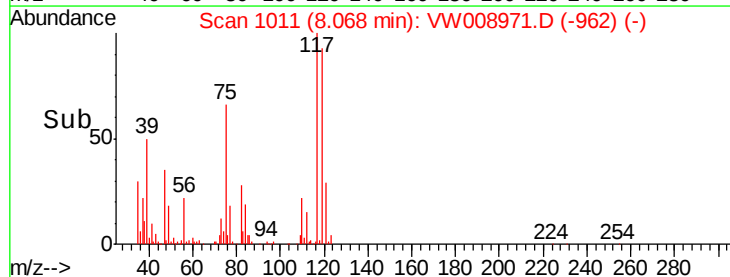
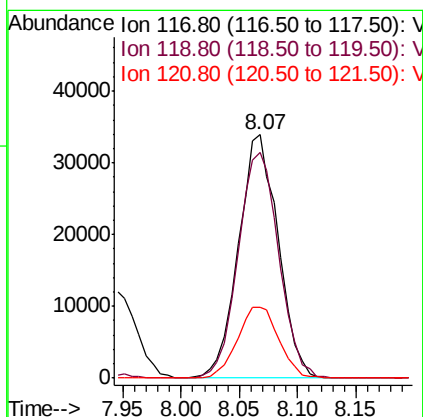
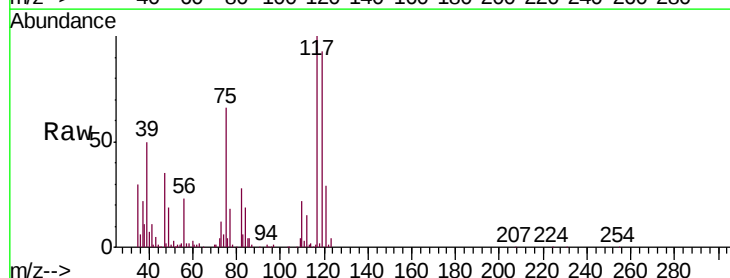
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

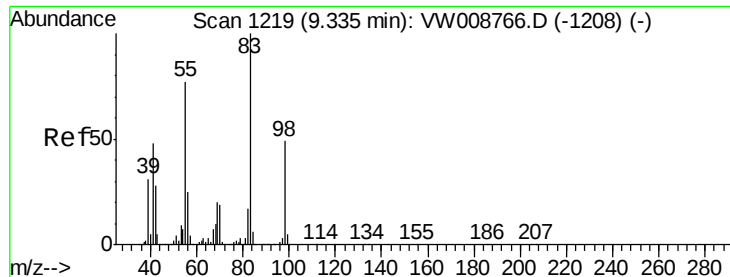
Tgt Ion: 43 Resp: 37454
Ion Ratio Lower Upper
43 100
61 14.4 9.8 14.8
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 21.343 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion: 117 Resp: 80502
Ion Ratio Lower Upper
117 100
119 92.7 76.1 114.1
121 29.0 24.0 36.0

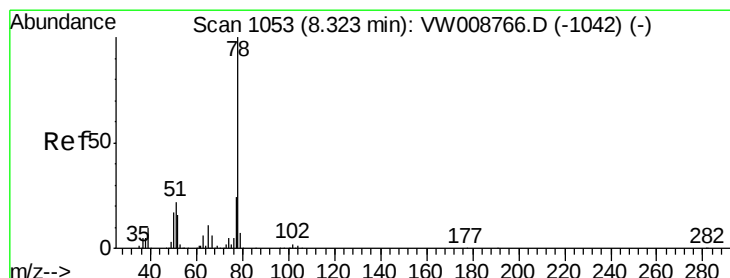
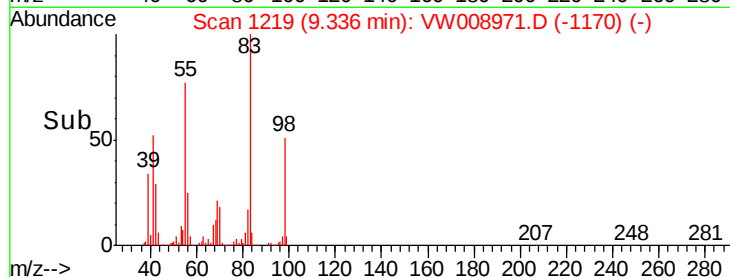
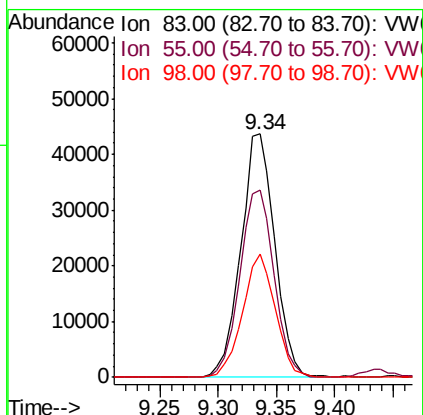
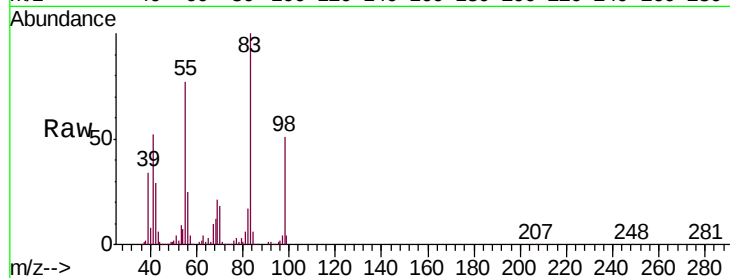




#39
Methylcyclohexane
Concen: 19.972 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

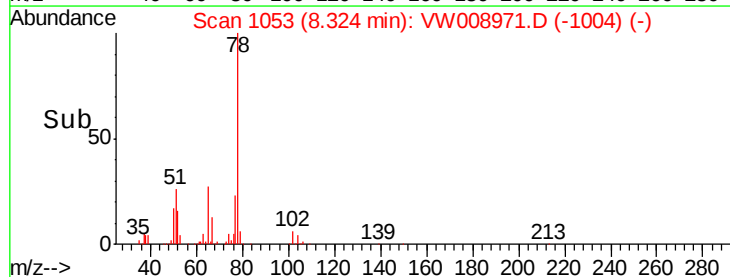
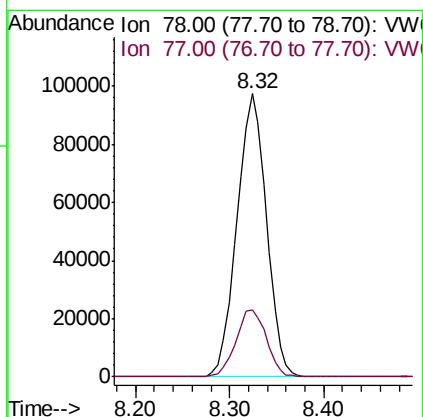
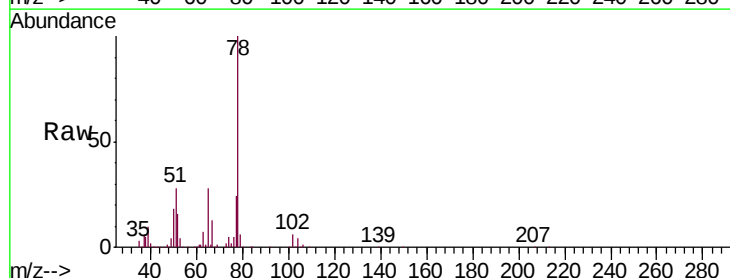
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

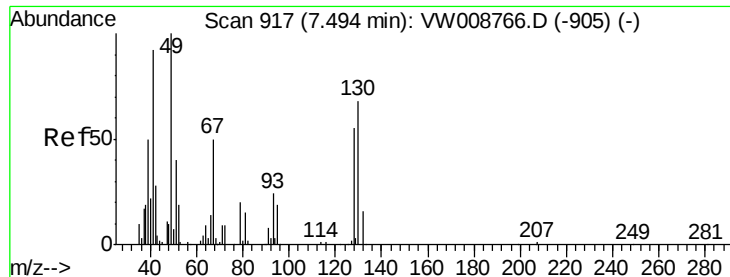
Tgt Ion: 83 Resp: 89098
Ion Ratio Lower Upper
83 100
55 76.7 61.2 91.8
98 50.6 39.4 59.2



#40
Benzene
Concen: 21.711 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion: 78 Resp: 212010
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

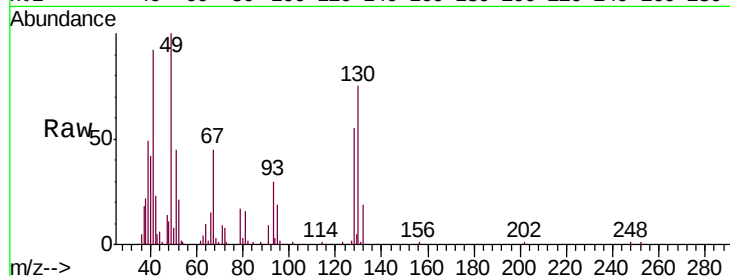




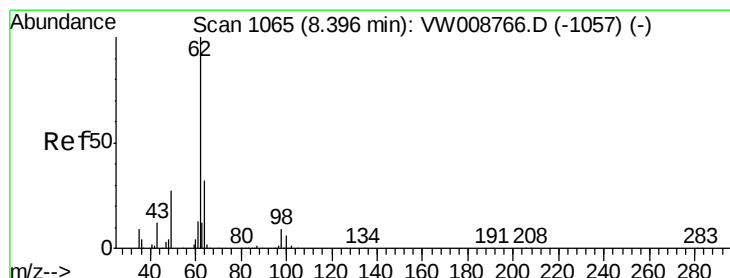
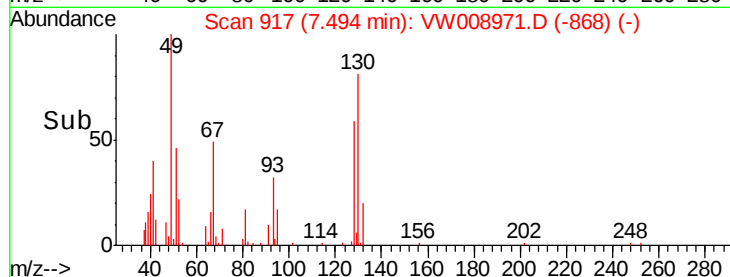
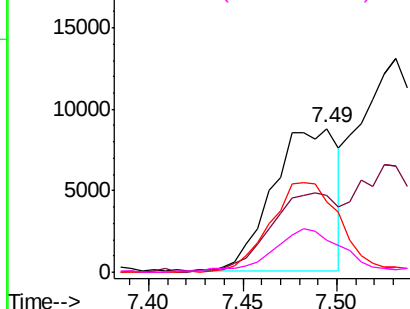
#41
Methacrylonitrile
Concen: 21.236 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

Tgt Ion:	41	Resp:	20761
Ion	Ratio	Lower	Upper
41	100		
39	57.9	52.5	78.7
67	69.8	55.0	82.6
52	33.5	26.9	40.3

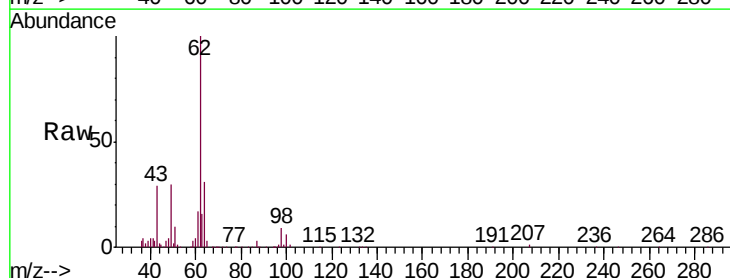


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

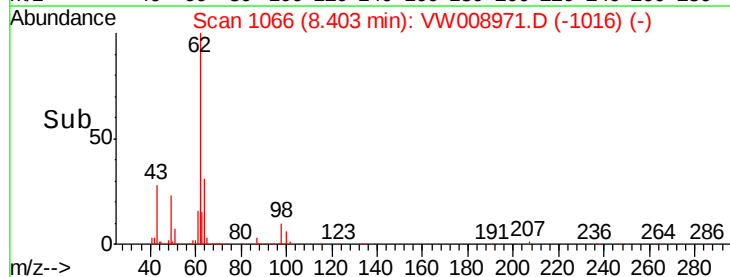
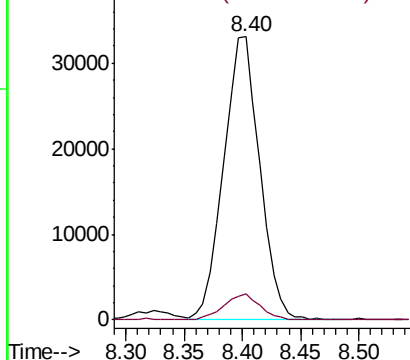


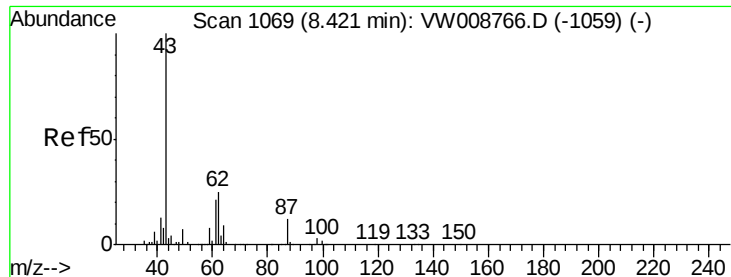
#42
1,2-Dichloroethane
Concen: 23.135 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion:	62	Resp:	71565
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.151 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

VW0305SBS01

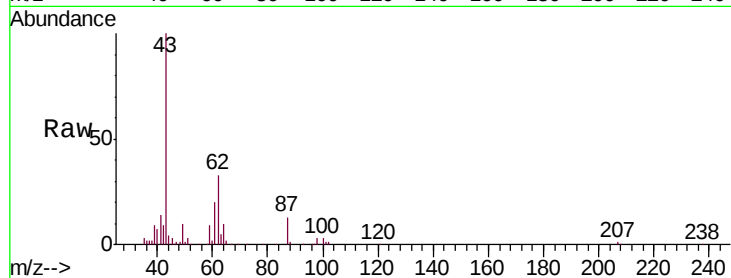
Tgt Ion: 43 Resp: 70210

Ion Ratio Lower Upper

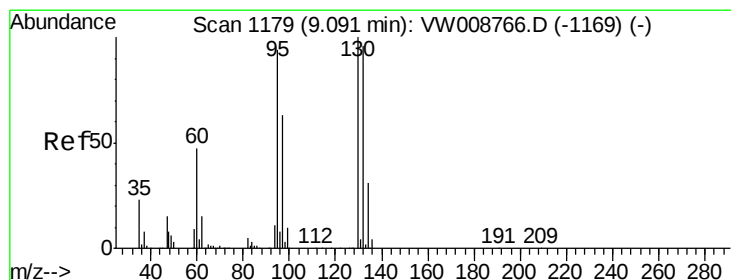
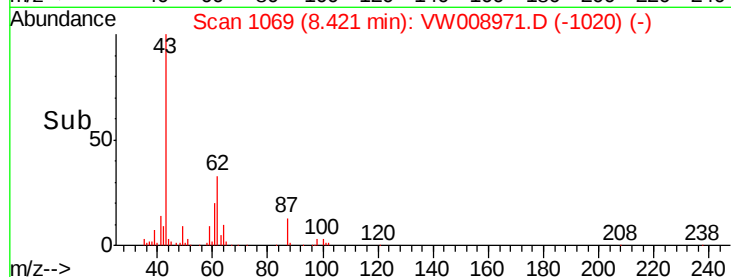
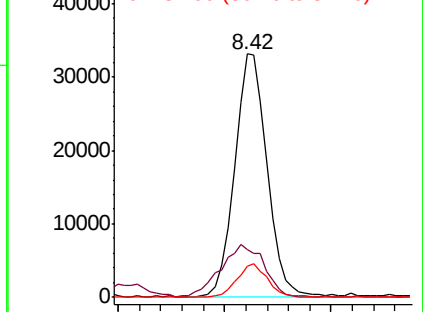
43 100

61 29.2 23.2 34.8

87 13.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.174 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008971.D

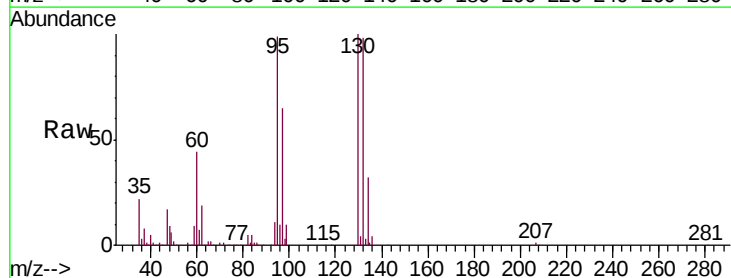
Acq: 04 Mar 2019 20:36

Tgt Ion: 130 Resp: 58249

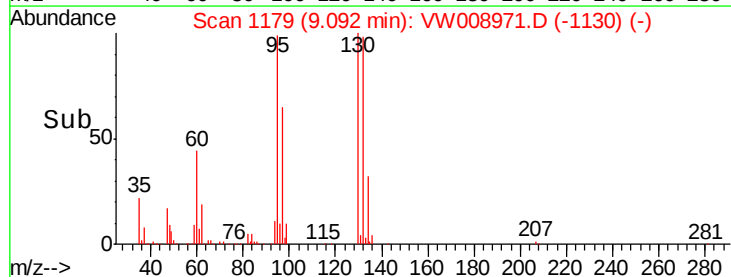
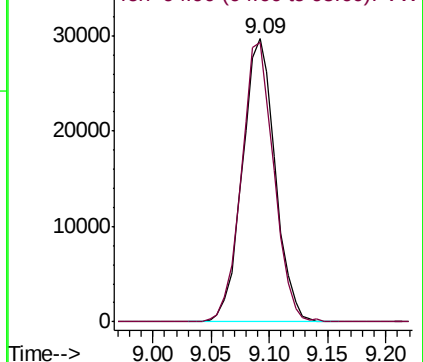
Ion Ratio Lower Upper

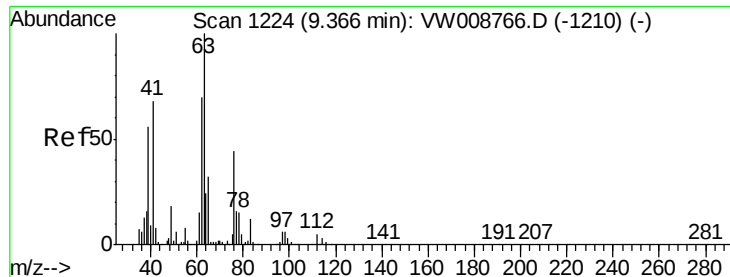
130 100

95 98.6 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

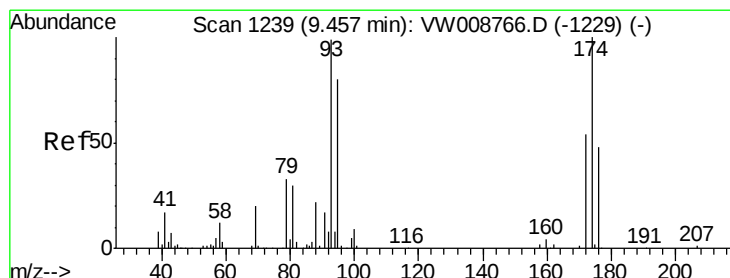
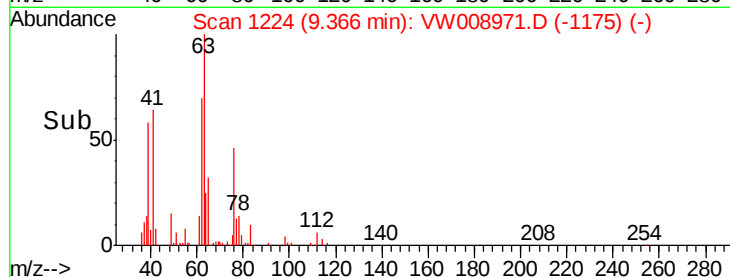
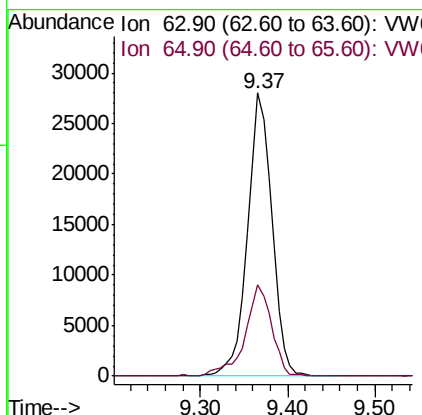
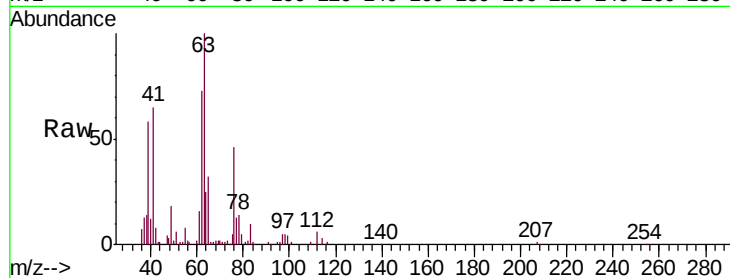




#45
 1,2-Dichloropropane
 Concen: 22.416 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

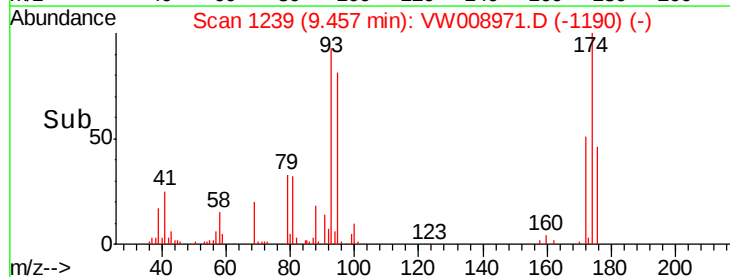
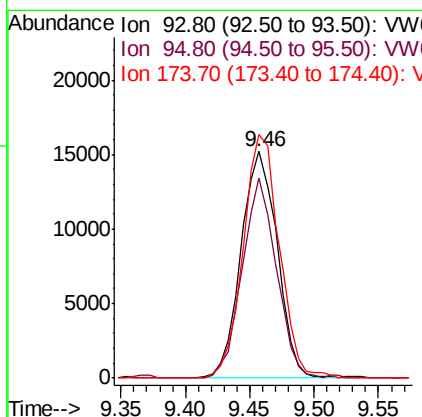
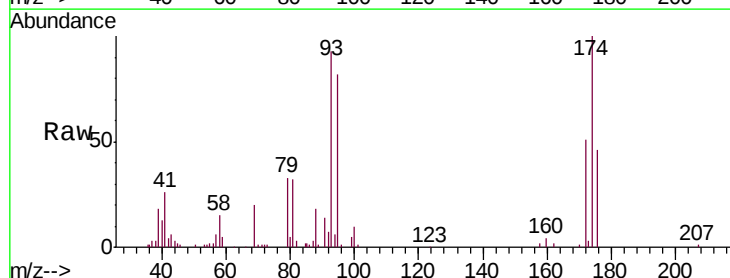
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

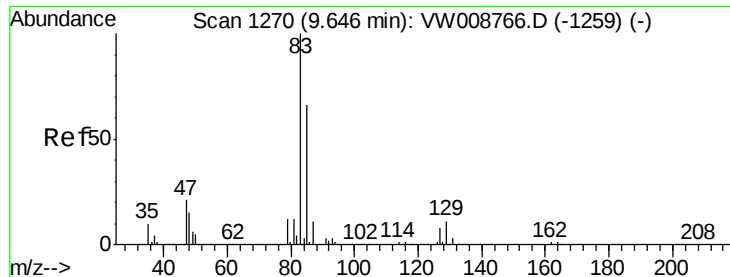
Tgt Ion: 63 Resp: 54093
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.5 38.3



#46
 Dibromomethane
 Concen: 21.963 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion: 93 Resp: 29480
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.7 101.5
 174 107.2 86.7 130.1





#47

Bromodichloromethane

Concen: 22.065 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

VW0305SBS01

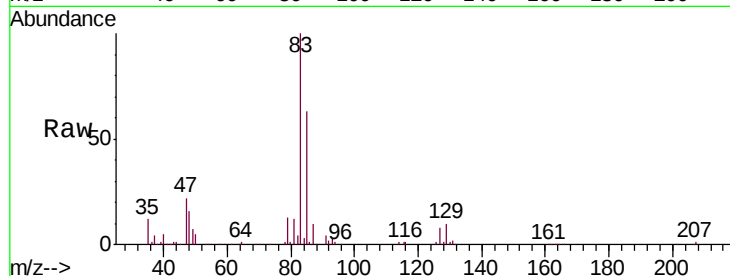
Tgt Ion: 83 Resp: 72061

Ion Ratio Lower Upper

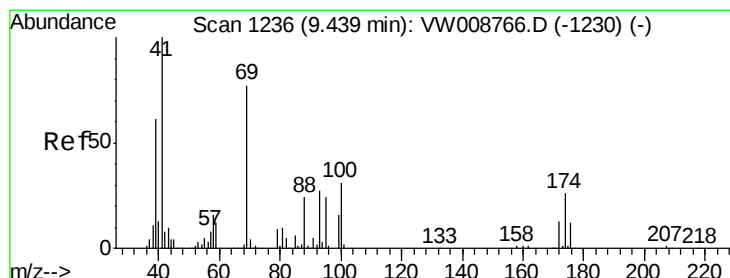
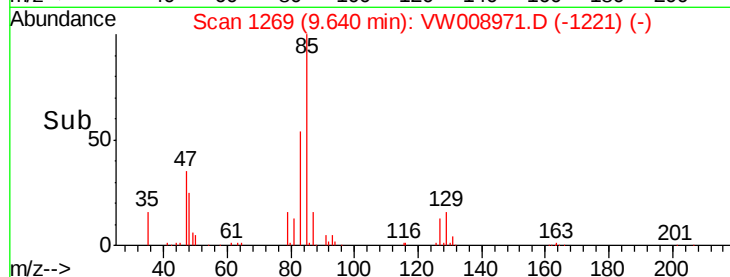
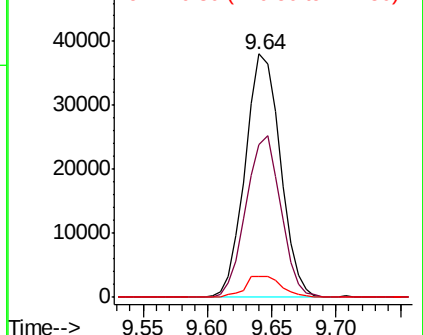
83 100

85 62.8 52.5 78.7

127 8.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 19.883 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

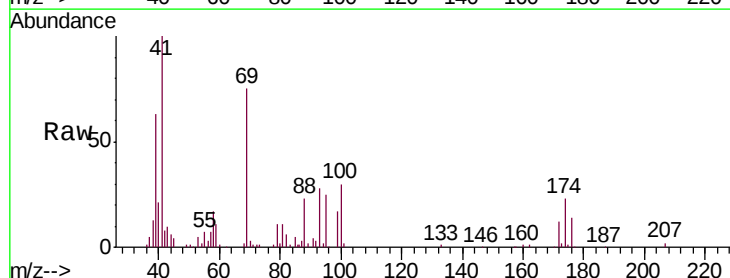
Tgt Ion: 41 Resp: 31610

Ion Ratio Lower Upper

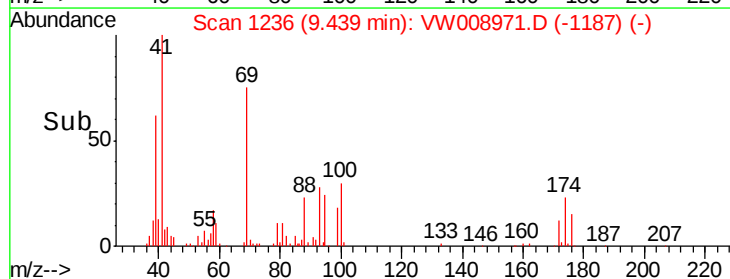
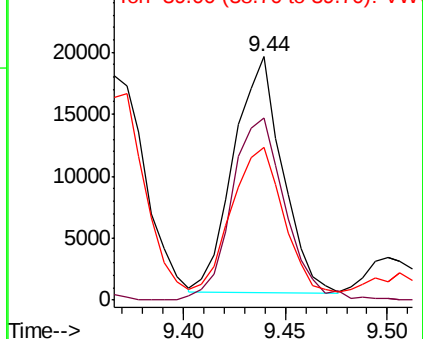
41 100

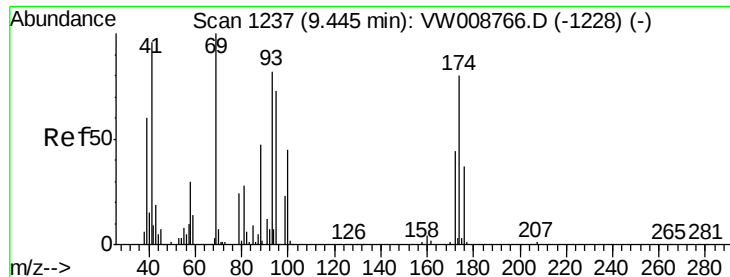
69 85.0 63.6 95.4

39 71.3 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

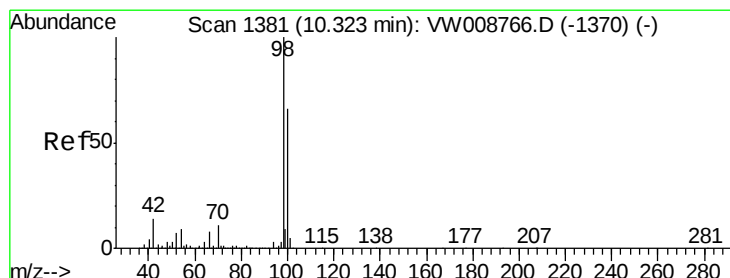
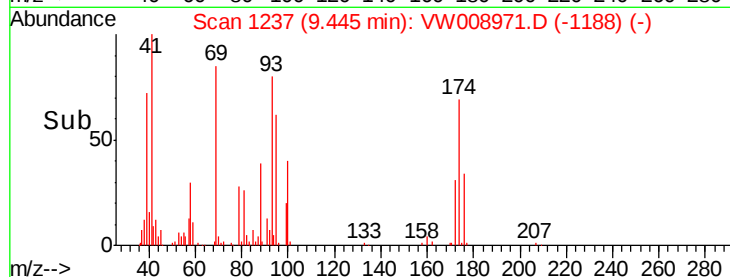
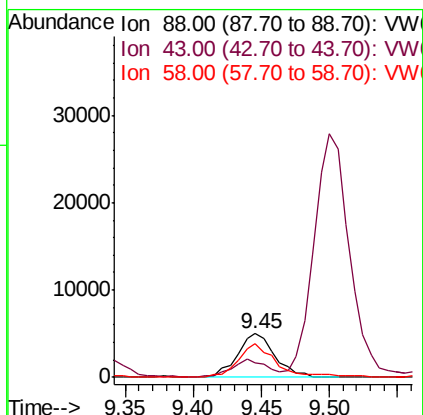
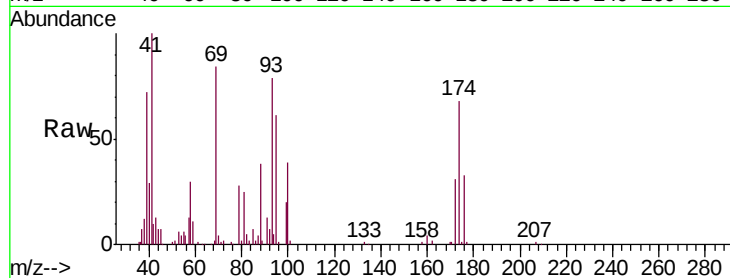




#49
1,4-Dioxane
Concen: 448.145 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

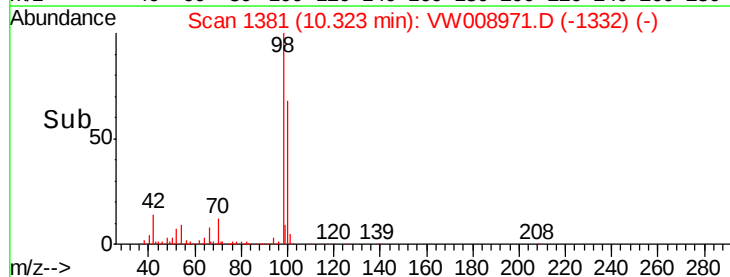
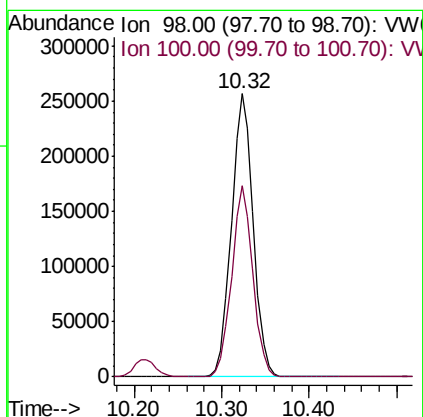
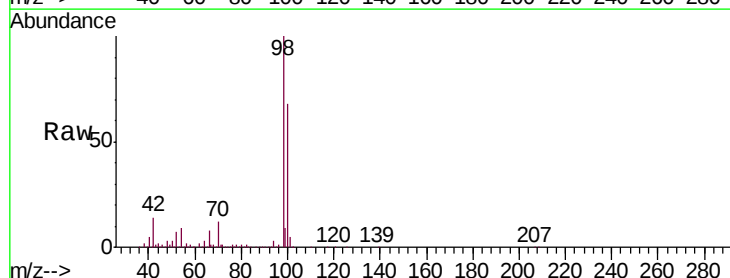
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

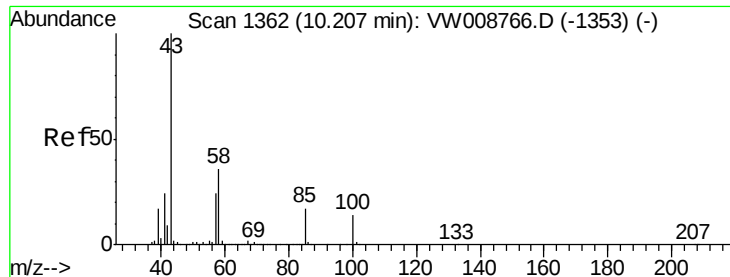
Tgt Ion: 88 Resp: 9633
Ion Ratio Lower Upper
88 100
43 39.2 29.0 43.4
58 79.2 52.0 78.0#



#50
Toluene-d8
Concen: 52.077 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion: 98 Resp: 443485
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

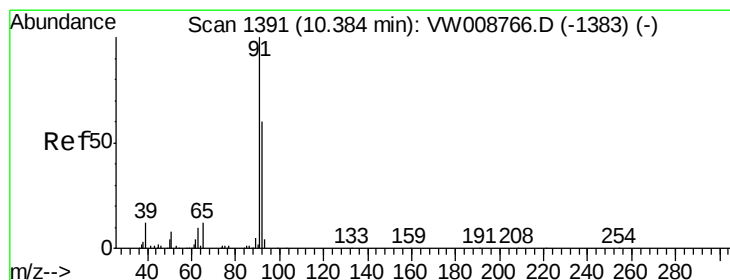
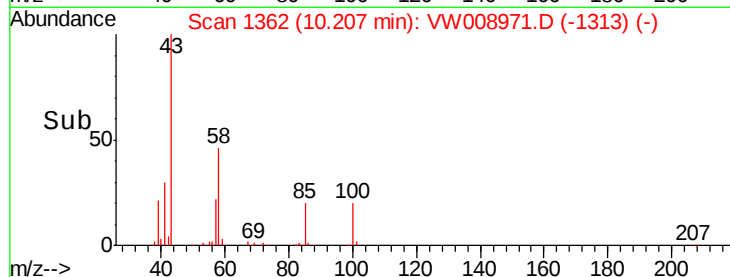
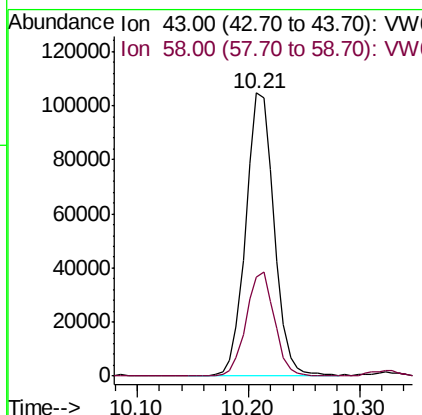
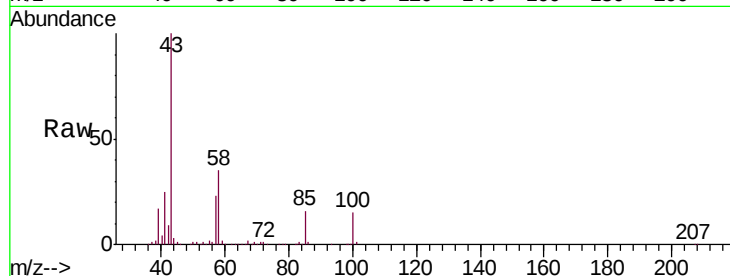




#51
 4-Methyl-2-Pentanone
 Concen: 110.315 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

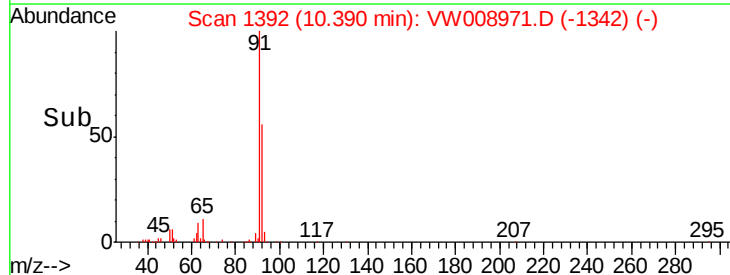
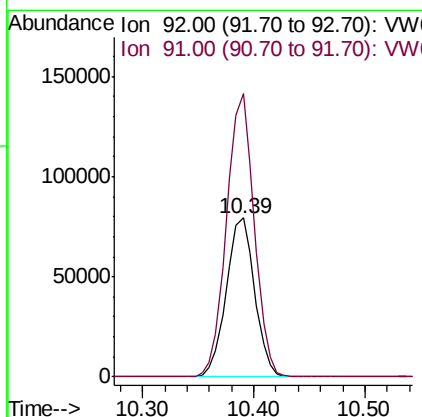
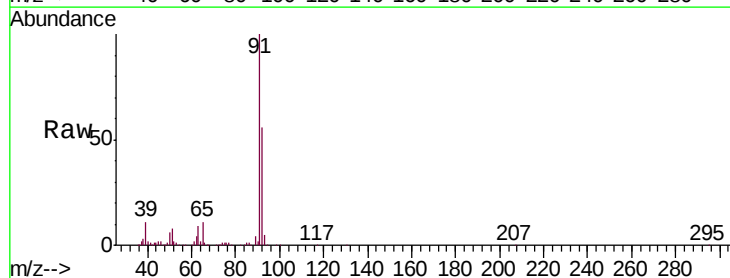
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

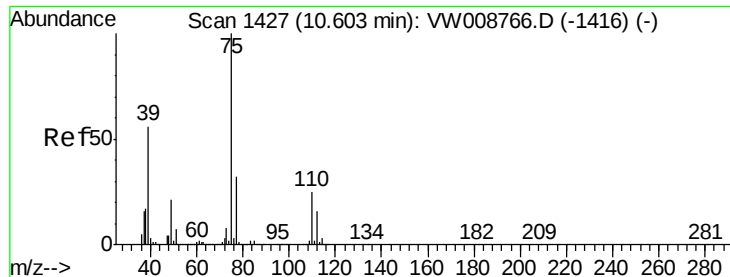
Tgt Ion: 43 Resp: 185911
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.1 43.7



#52
 Toluene
 Concen: 21.115 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion: 92 Resp: 139940
 Ion Ratio Lower Upper
 92 100
 91 174.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 21.448 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

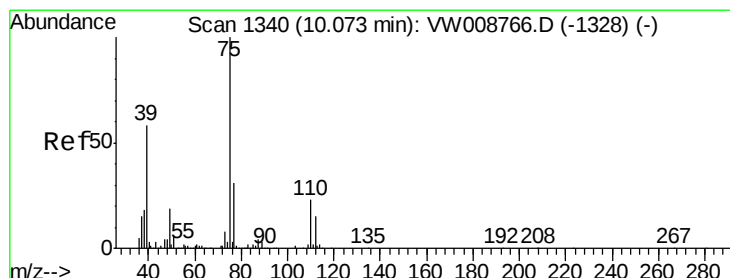
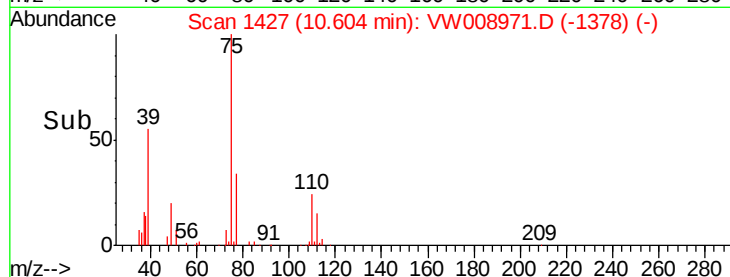
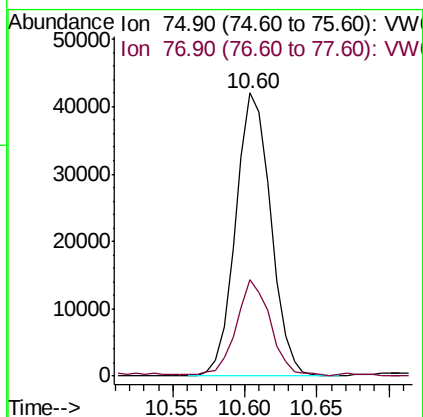
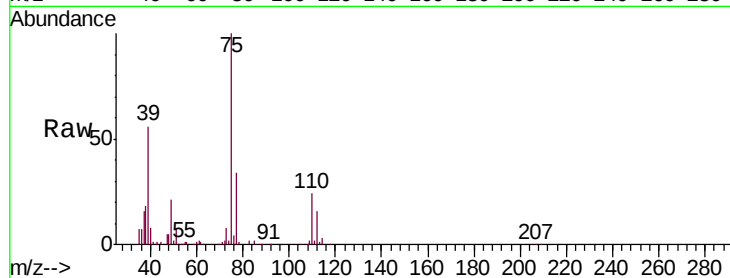
VW0305SBS01

Tgt Ion: 75 Resp: 71394

Ion Ratio Lower Upper

75 100

77 33.6 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 22.402 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

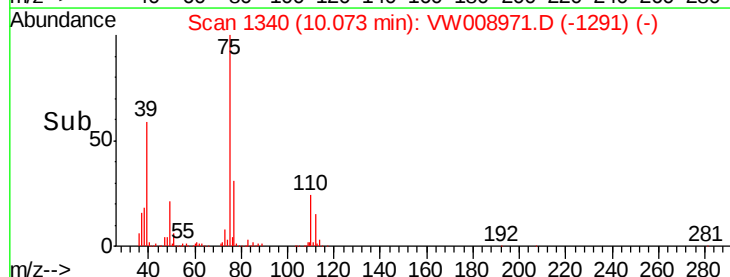
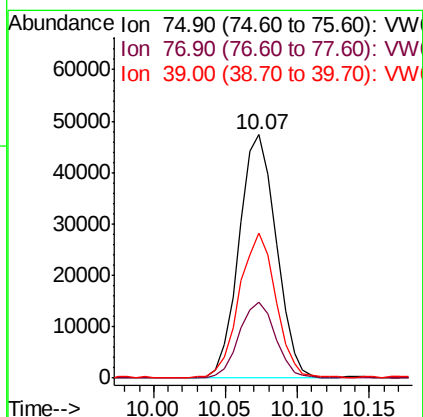
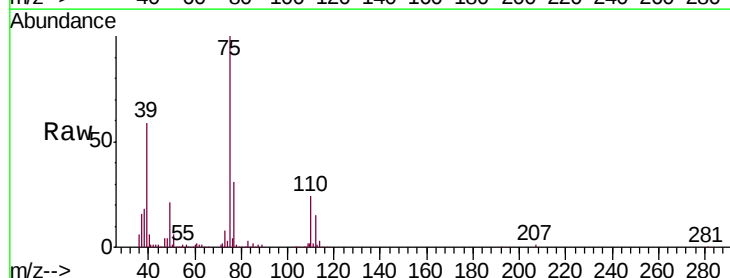
Tgt Ion: 75 Resp: 85049

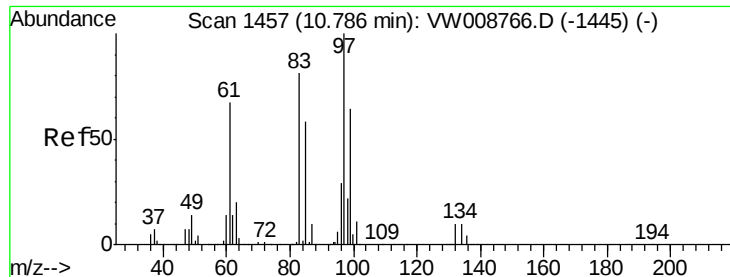
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

39 59.2 46.6 70.0

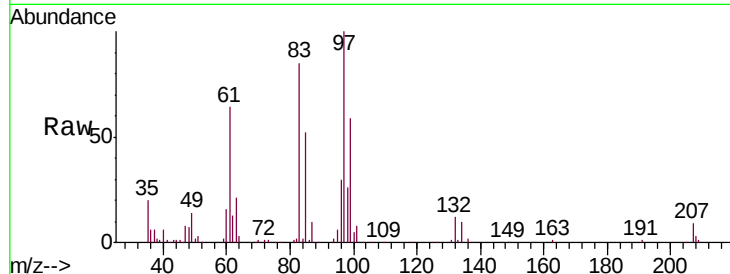




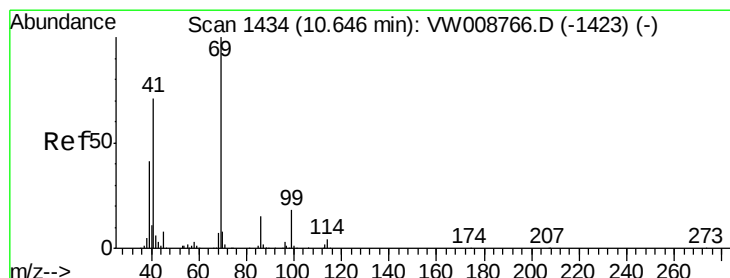
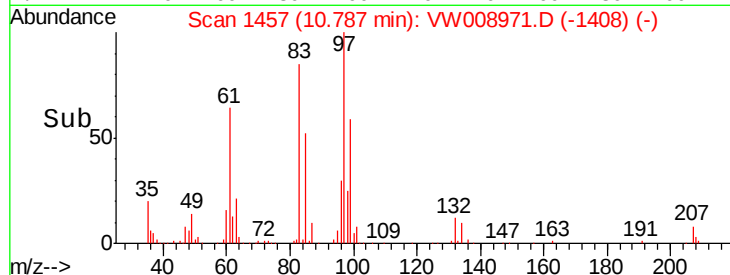
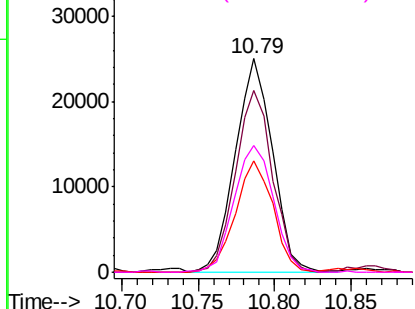
#55
 1,1,2-Trichloroethane
 Concen: 23.413 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

Tgt Ion:	97	Resp:	42619
Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.0	97.6
85	52.1	46.0	69.0
99	58.8	51.1	76.7

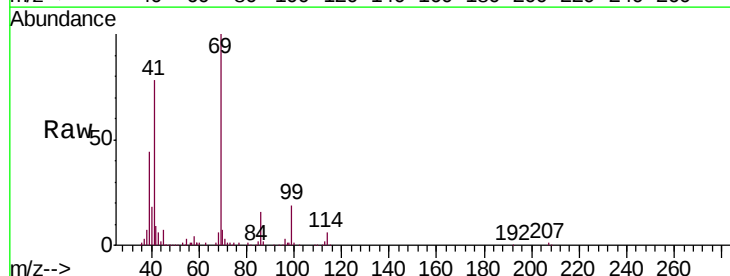


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

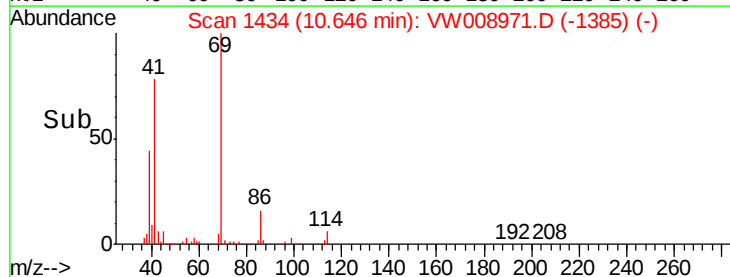
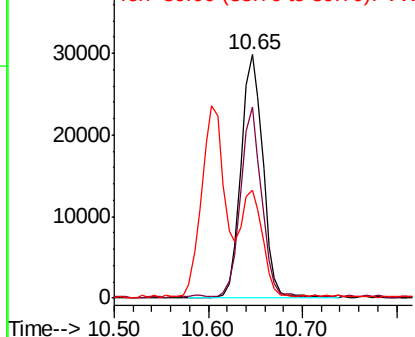


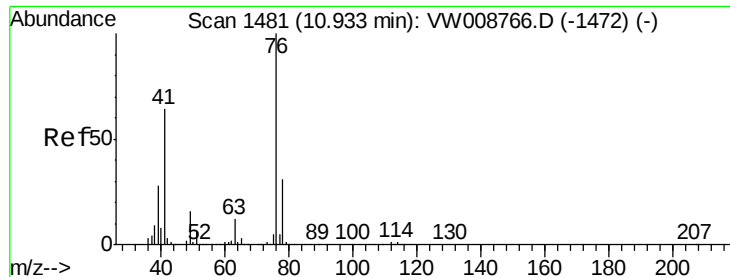
#56
 Ethyl methacrylate
 Concen: 20.674 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion:	69	Resp:	48895
Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.4	86.0
39	41.3	34.8	52.2



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

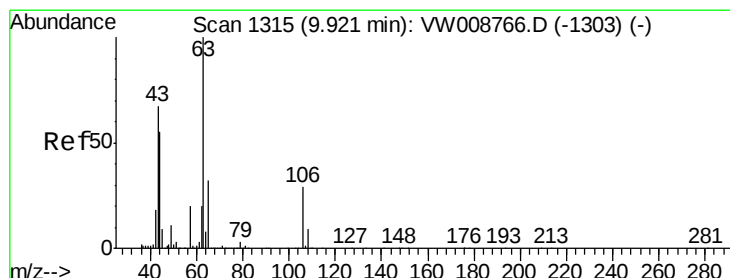
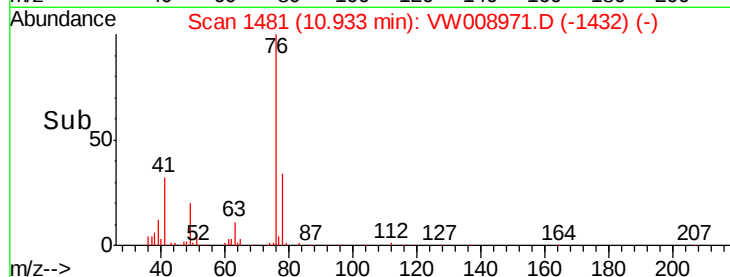
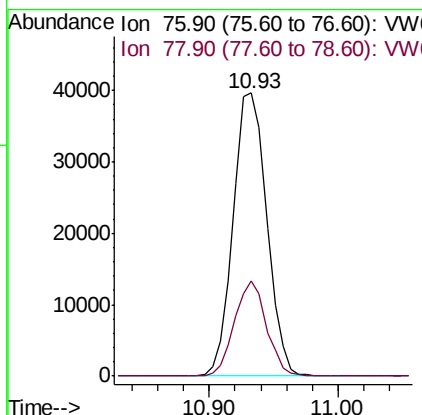
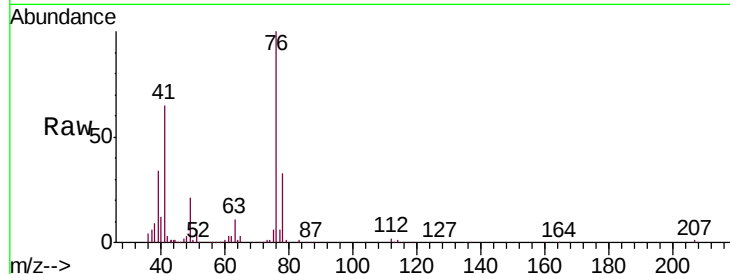




#57
 1,3-Dichloropropane
 Concen: 22.414 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

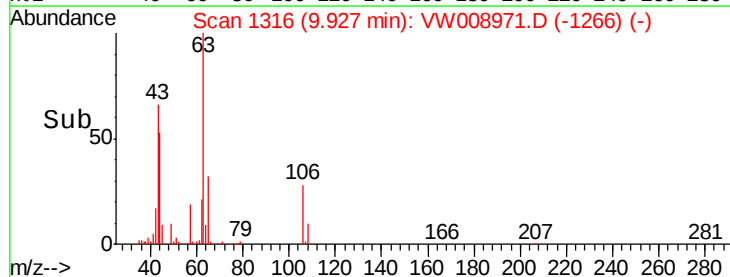
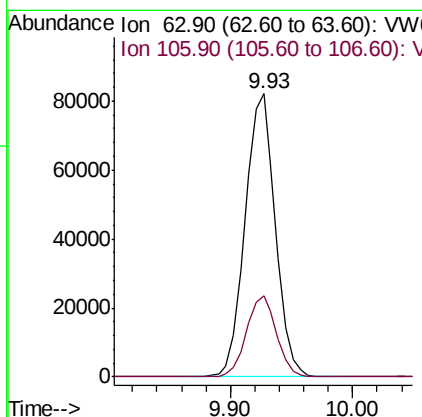
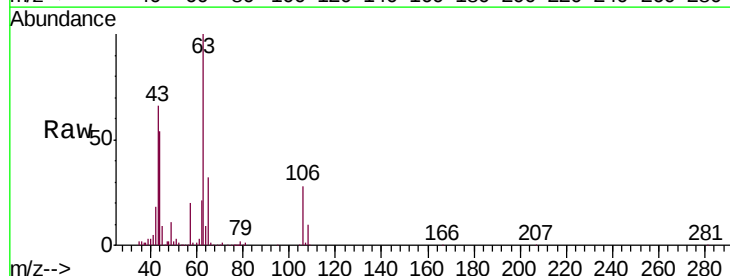
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

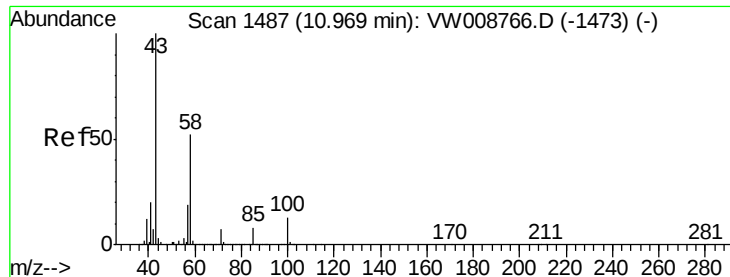
Tgt Ion: 76 Resp: 72040
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.358 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion: 63 Resp: 140783
 Ion Ratio Lower Upper
 63 100
 106 28.6 24.0 36.0





#59

2-Hexanone

Concen: 104.957 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

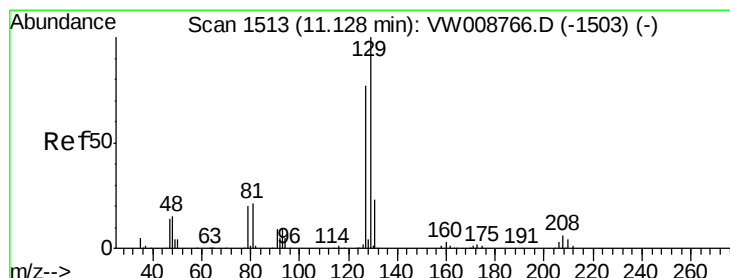
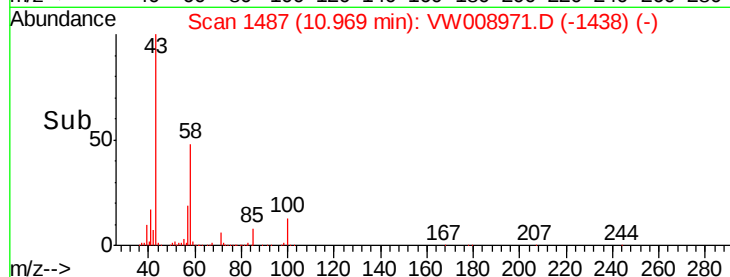
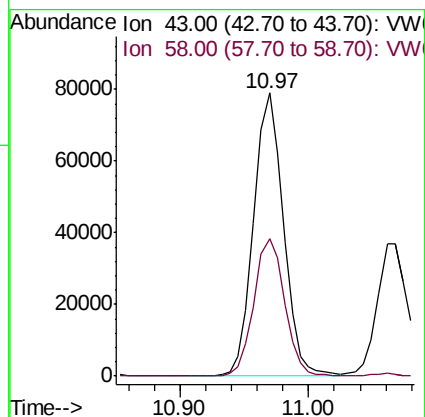
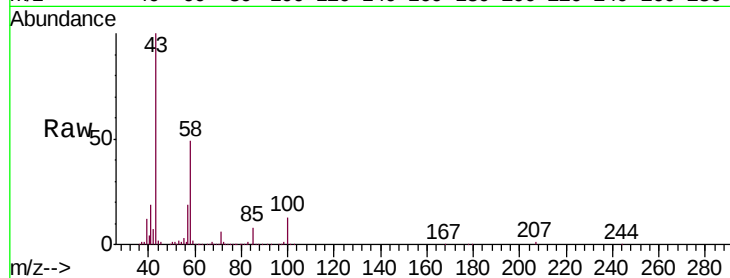
VW0305SBS01

Tgt Ion: 43 Resp: 125911

Ion Ratio Lower Upper

43 100

58 50.4 25.3 75.8



#60

Dibromochloromethane

Concen: 22.533 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008971.D

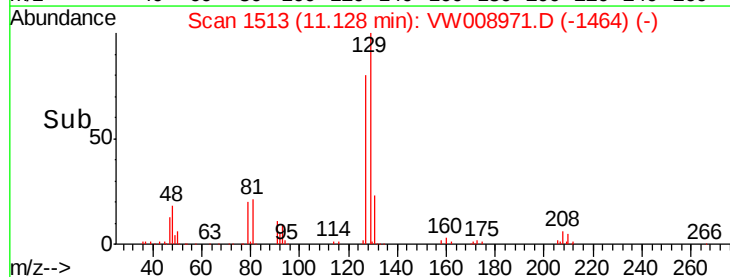
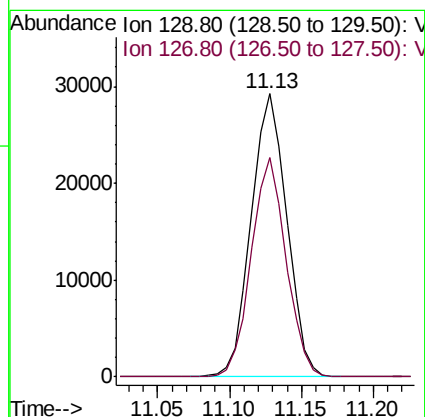
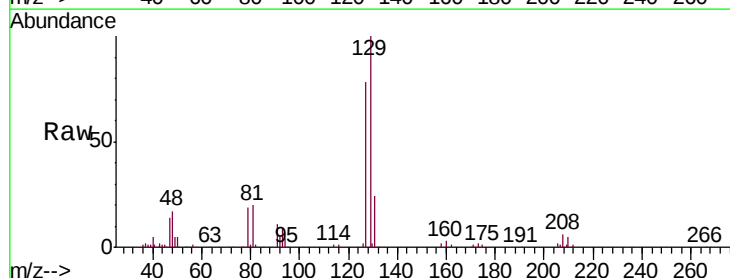
Acq: 04 Mar 2019 20:36

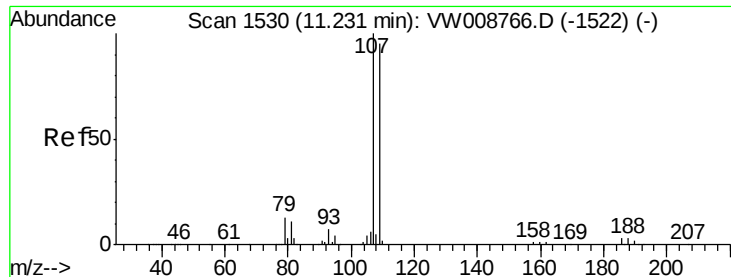
Tgt Ion: 129 Resp: 50030

Ion Ratio Lower Upper

129 100

127 75.6 39.0 116.9





#61

1,2-Dibromoethane

Concen: 21.812 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

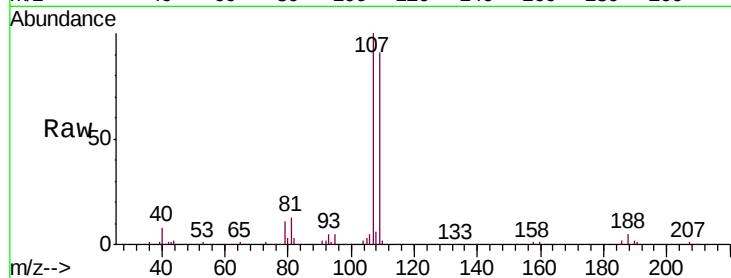
VW0305SBS01

Tgt Ion: 107 Resp: 39302

Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

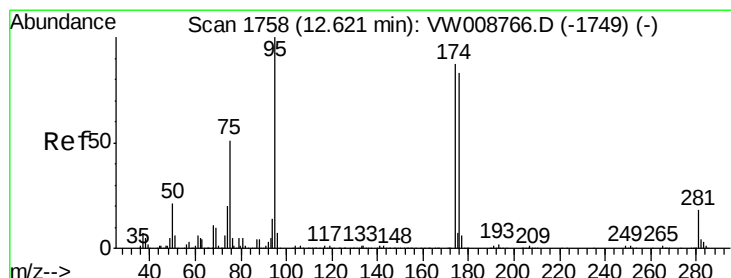
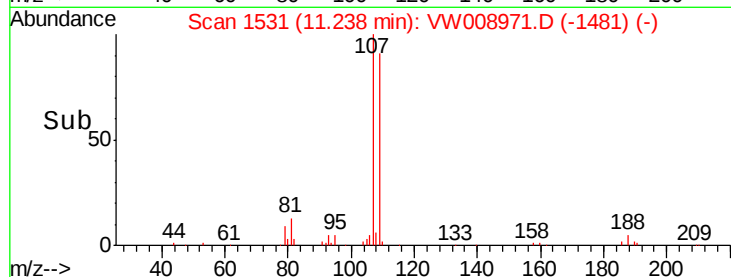
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 53.792 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

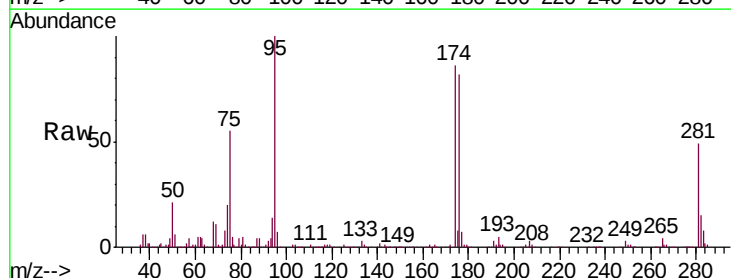
Tgt Ion: 95 Resp: 179360

Ion Ratio Lower Upper

95 100

174 84.3 0.0 169.2

176 81.2 0.0 163.6



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

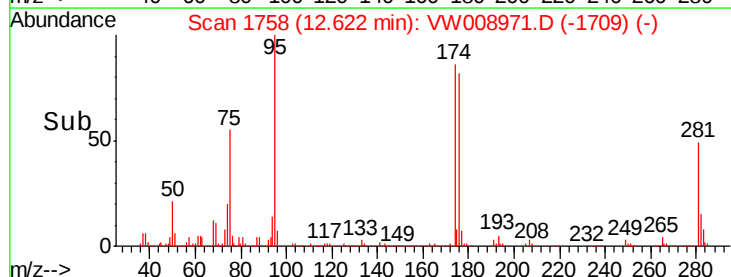
150000

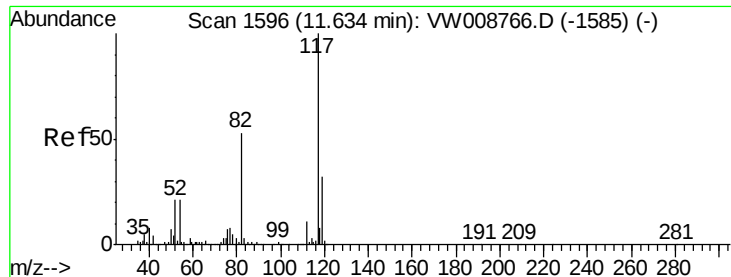
100000

50000

0

Time--> 12.60 12.70

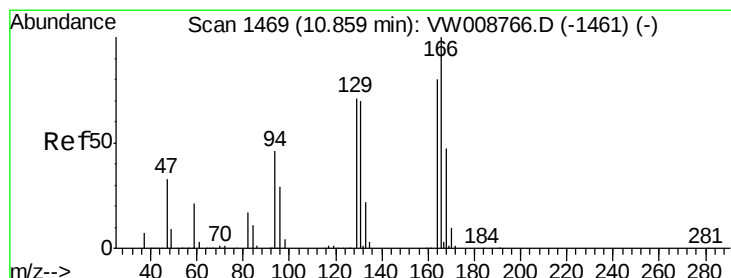
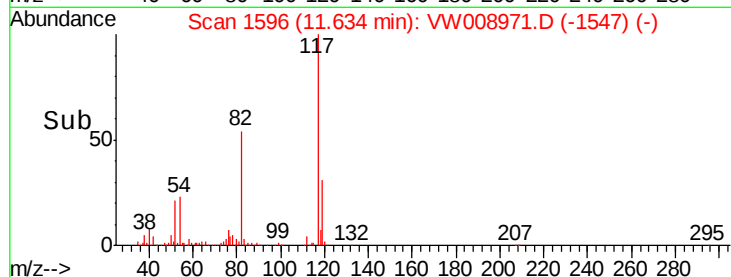
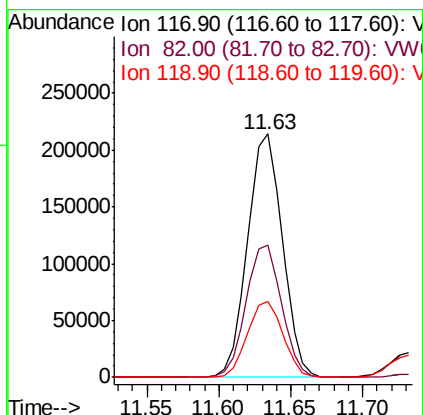
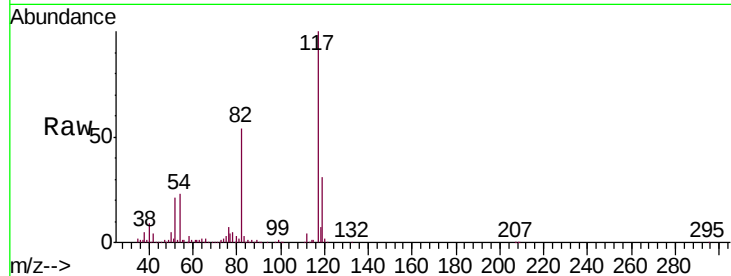




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

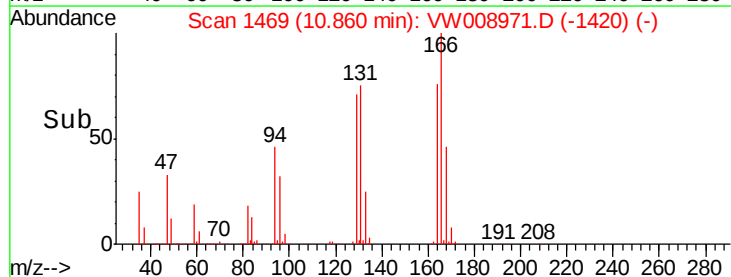
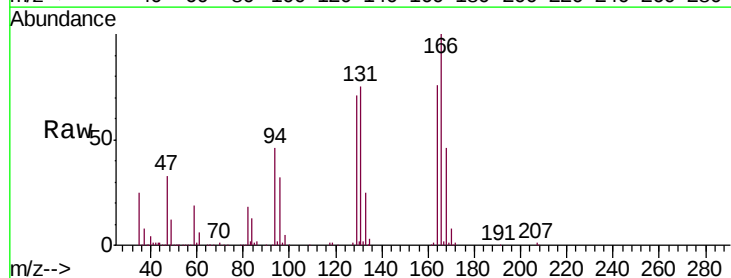
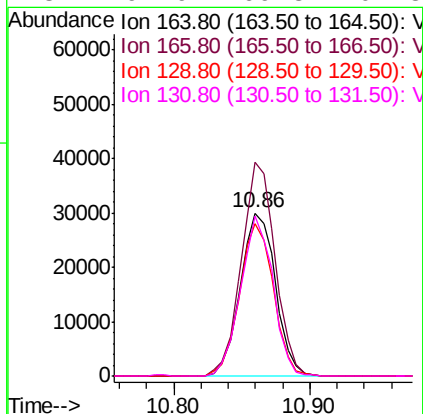
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

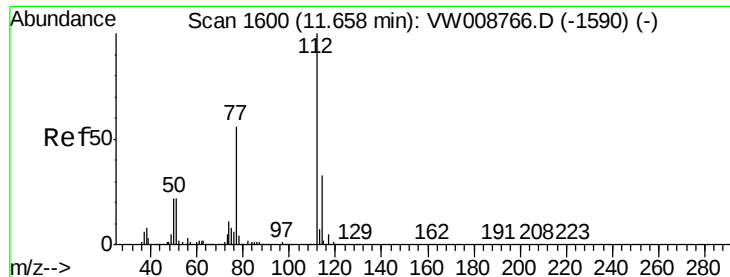
Tgt Ion:117 Resp: 358972
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 31.2 25.9 38.9



#64
Tetrachloroethene
Concen: 21.019 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion:164 Resp: 54011
Ion Ratio Lower Upper
164 100
166 131.1 99.5 149.3
129 93.2 71.1 106.7
131 97.9 69.8 104.8





#65

Chlorobenzene

Concen: 20.923 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

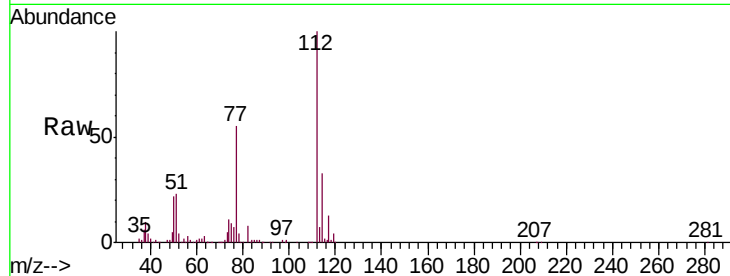
VW0305SBS01

Tgt Ion:112 Resp: 157932

Ion Ratio Lower Upper

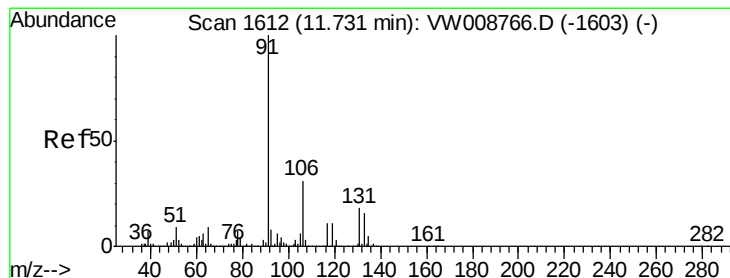
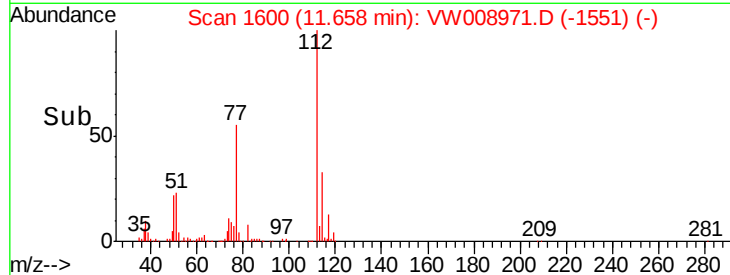
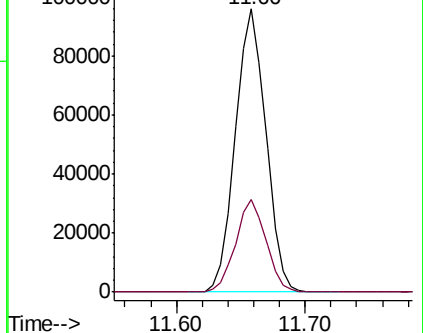
112 100

114 32.5 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.293 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

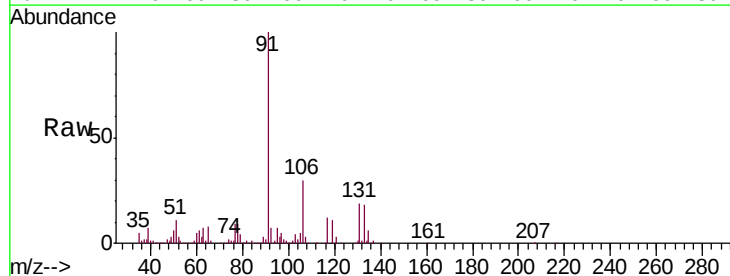
Tgt Ion:131 Resp: 54344

Ion Ratio Lower Upper

131 100

133 95.7 46.7 140.0

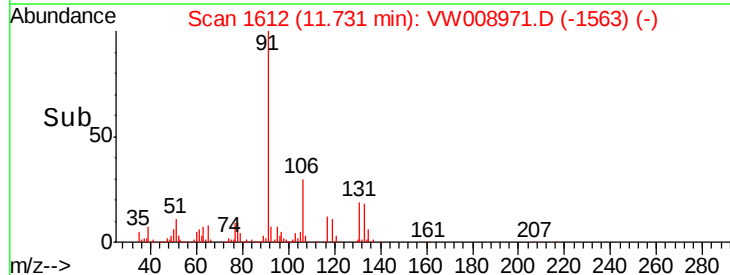
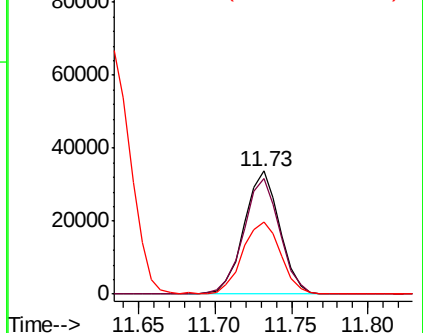
119 63.3 30.8 92.4

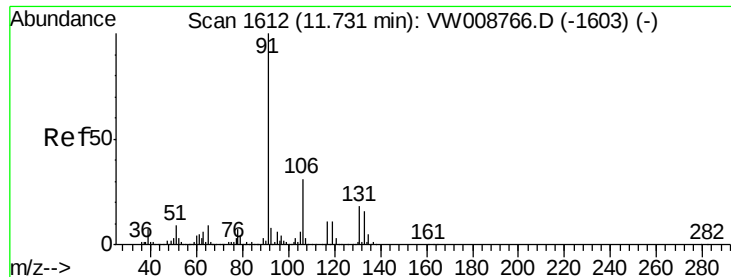


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

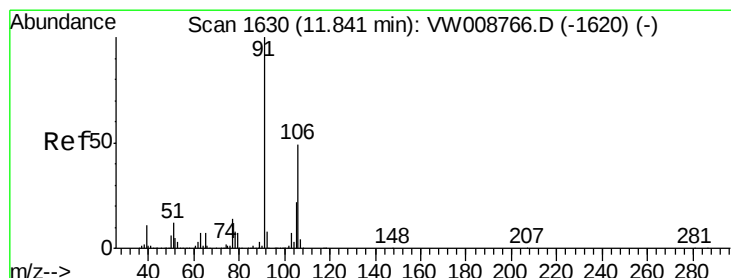
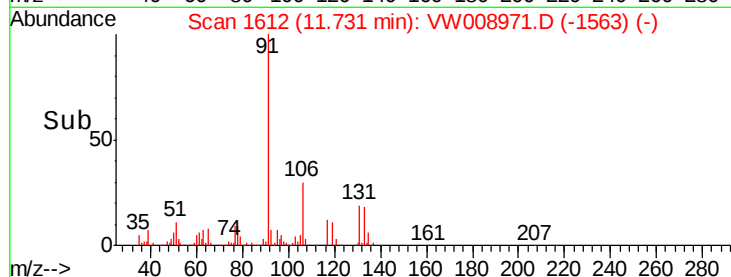
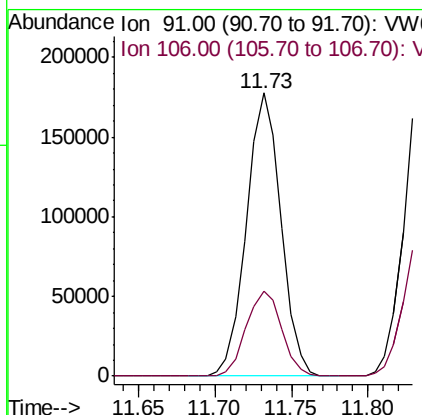
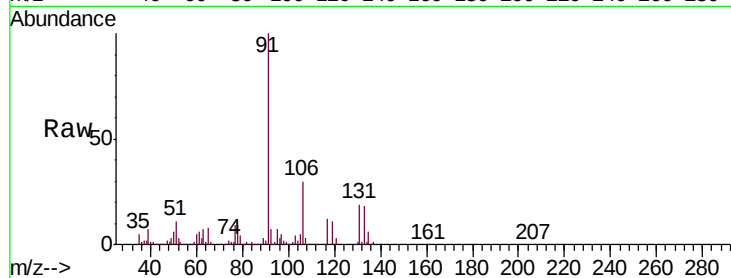




#67
Ethyl Benzene
Concen: 20.651 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

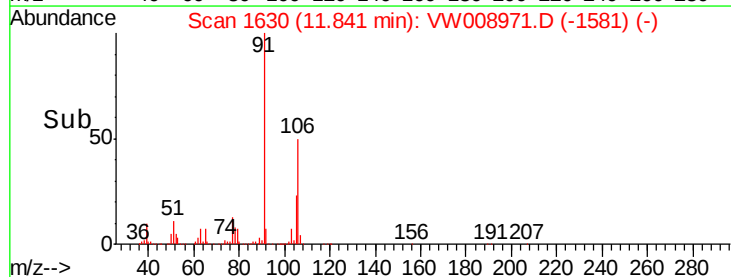
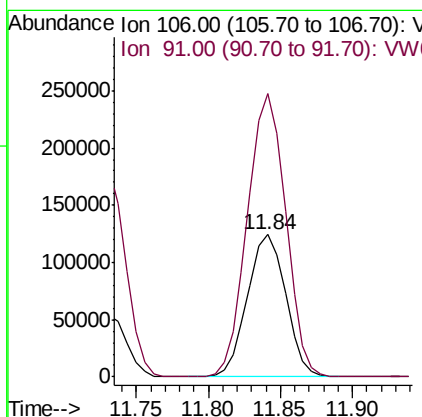
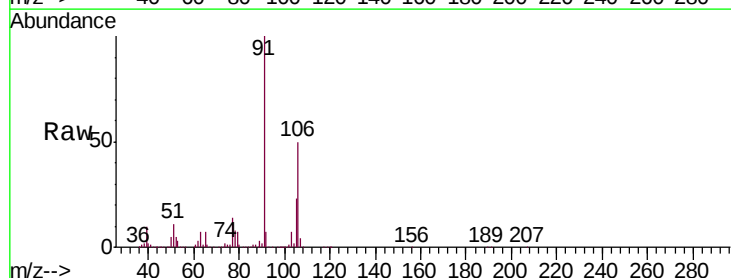
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

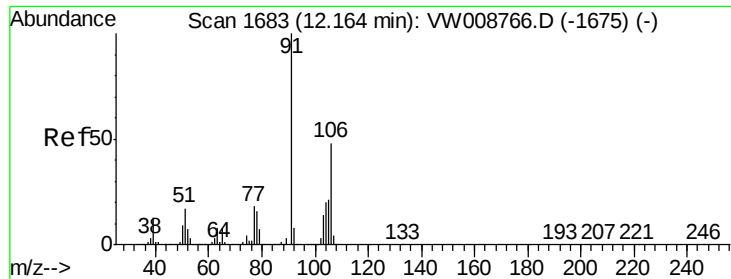
Tgt Ion: 91 Resp: 278651
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.6



#68
m/p-Xylenes
Concen: 42.555 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion: 106 Resp: 229428
Ion Ratio Lower Upper
106 100
91 199.1 161.5 242.3

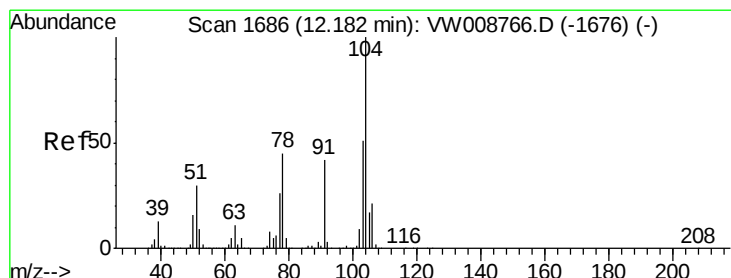
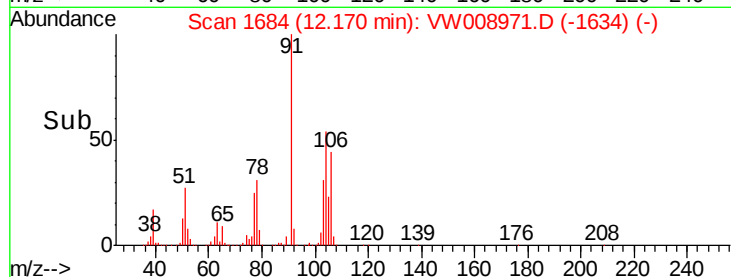
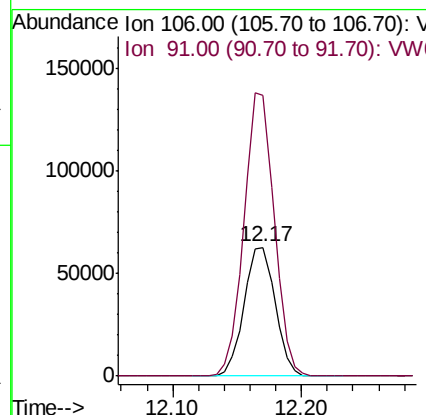
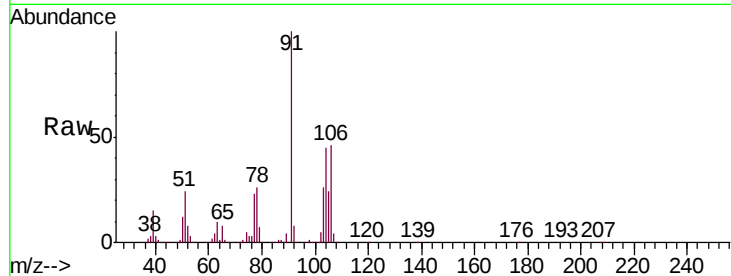




#69
o-Xylene
Concen: 20.779 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

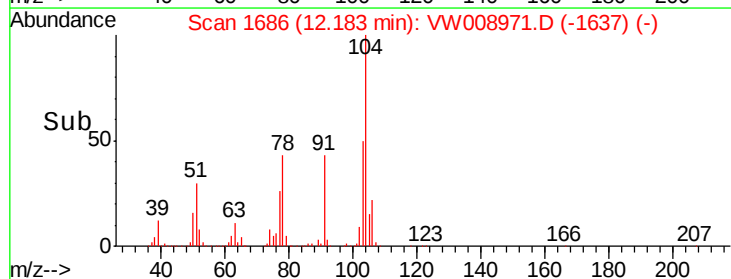
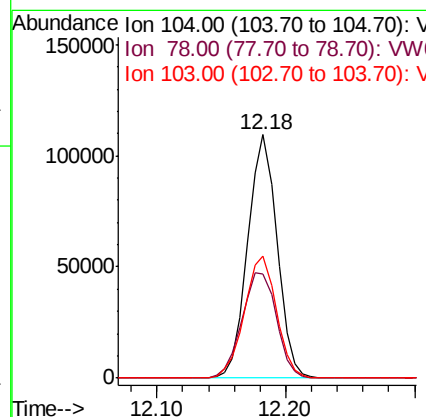
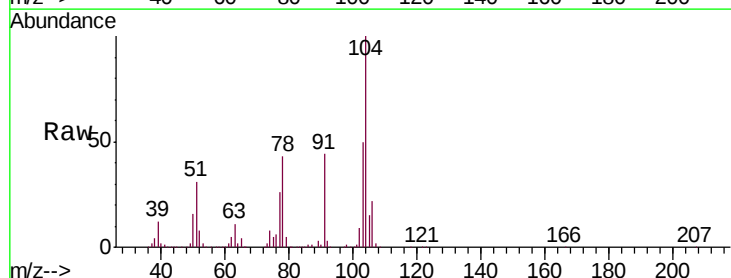
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

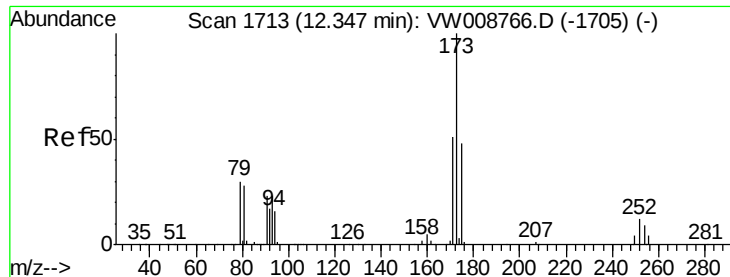
Tgt Ion:106 Resp: 105150
Ion Ratio Lower Upper
106 100
91 213.8 106.2 318.6



#70
Styrene
Concen: 21.102 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion:104 Resp: 171796
Ion Ratio Lower Upper
104 100
78 51.5 40.8 61.2
103 55.1 44.2 66.2

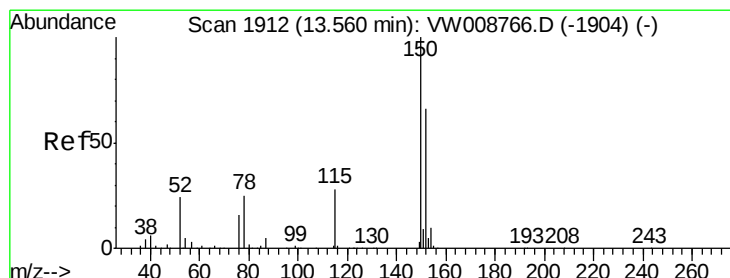
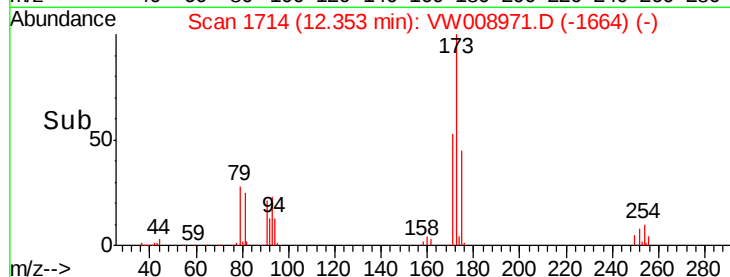
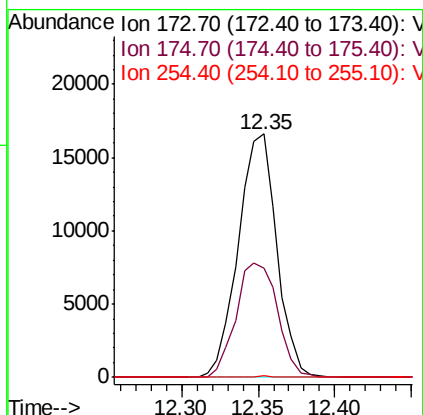
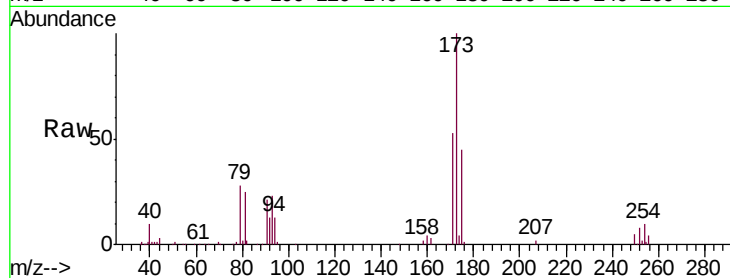




#71
Bromoform
Concen: 21.094 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

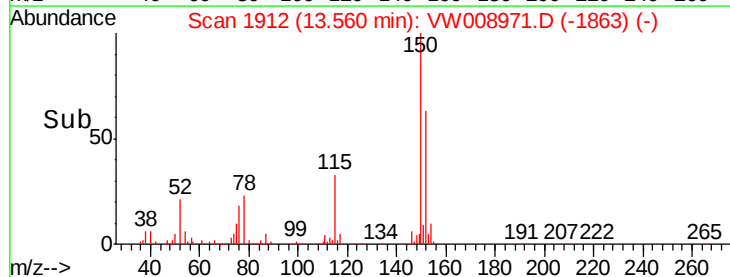
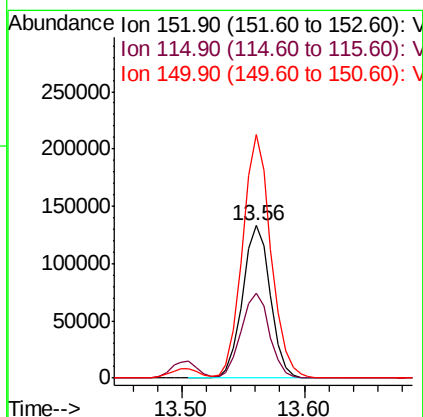
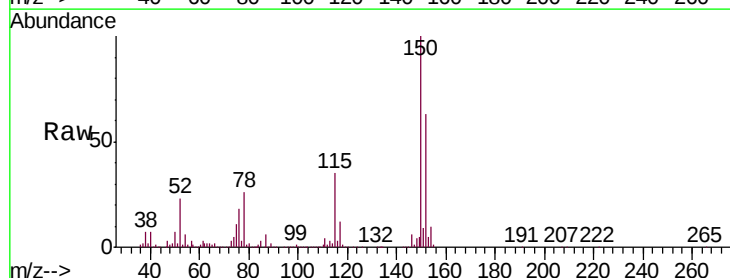
Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

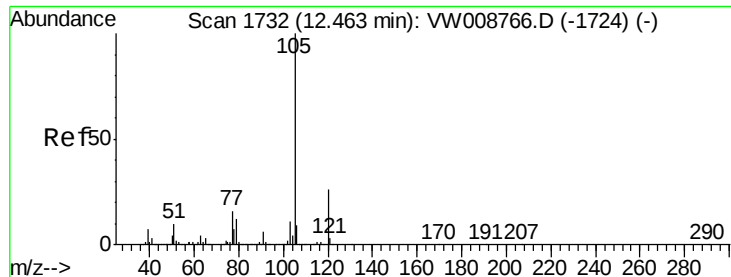
Tgt Ion:173 Resp: 28938
Ion Ratio Lower Upper
173 100
175 50.8 24.2 72.6
254 0.2 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion:152 Resp: 209560
Ion Ratio Lower Upper
152 100
115 56.7 28.6 85.8
150 162.8 0.0 348.0





#73

Isopropylbenzene

Concen: 19.943 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

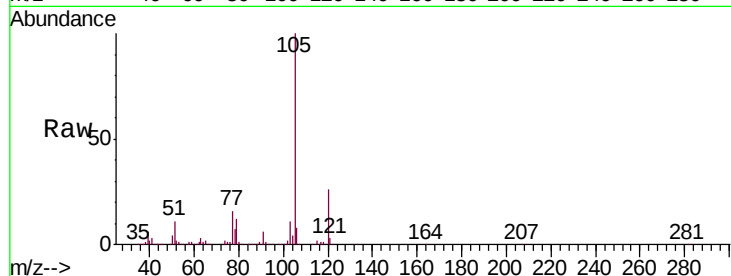
VW0305SBS01

Tgt Ion:105 Resp: 286498

Ion Ratio Lower Upper

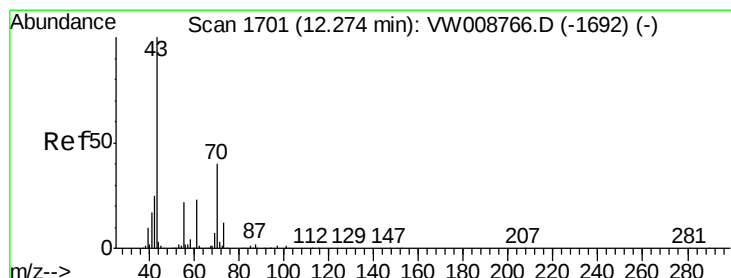
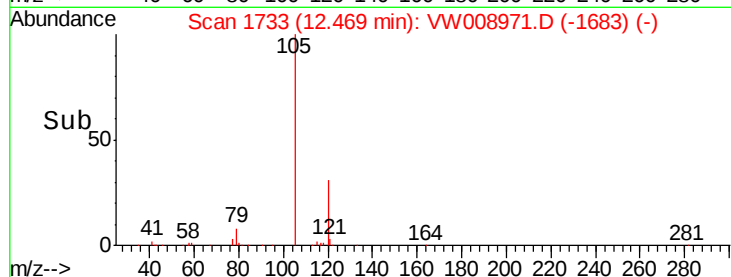
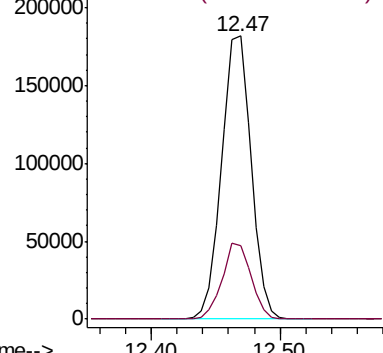
105 100

120 26.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.508 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Tgt Ion: 43 Resp: 70595

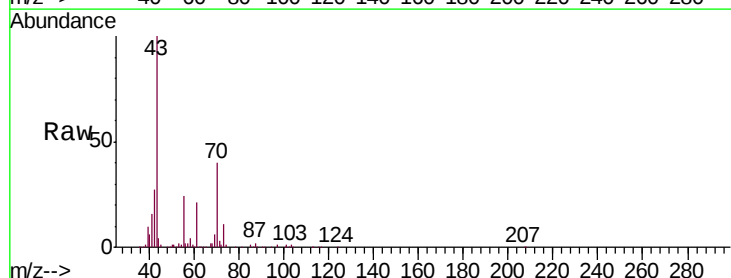
Ion Ratio Lower Upper

43 100

70 40.5 31.0 46.6

55 25.7 18.7 28.1

61 21.1 18.1 27.1

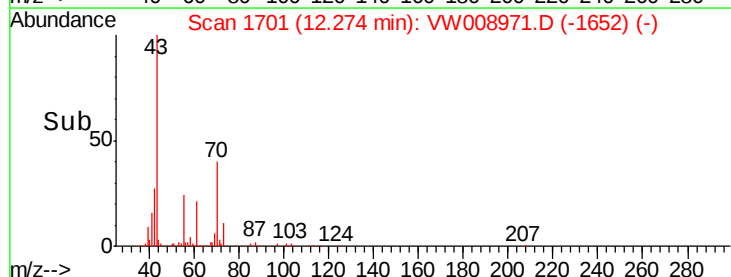
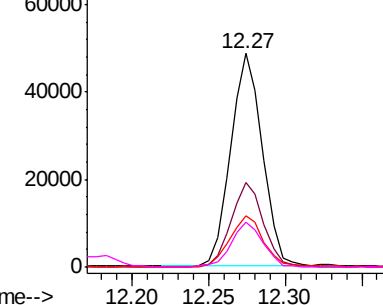


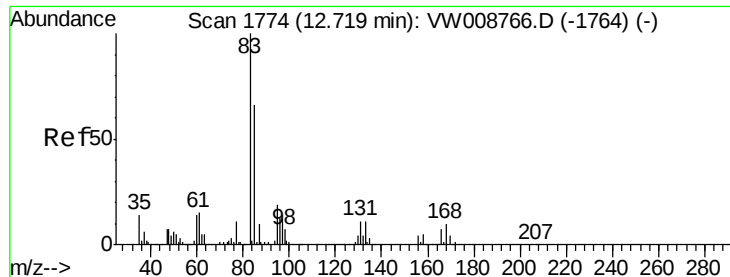
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 20.630 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

VW0305SBS01

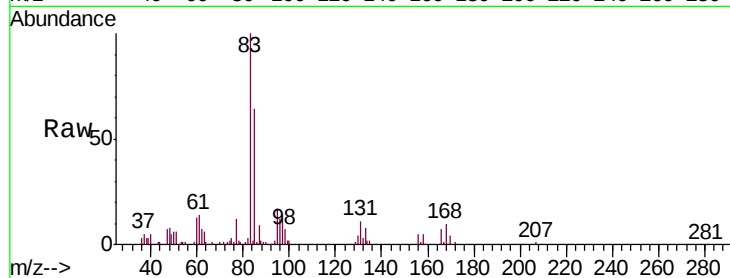
Tgt Ion: 83 Resp: 48427

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.7

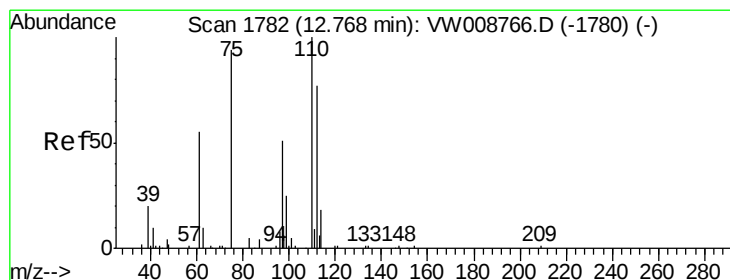
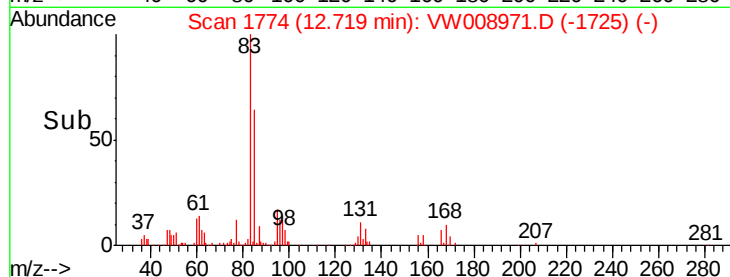
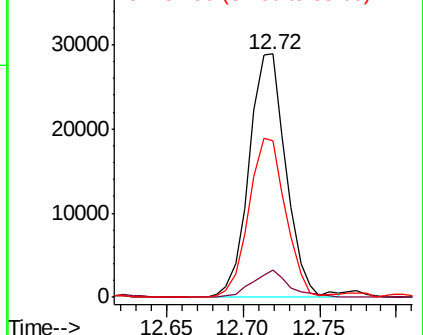
85 65.1 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.725 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008971.D

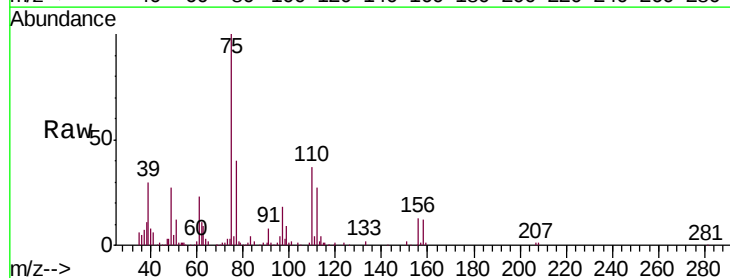
Acq: 04 Mar 2019 20:36

Tgt Ion: 75 Resp: 65272

Ion Ratio Lower Upper

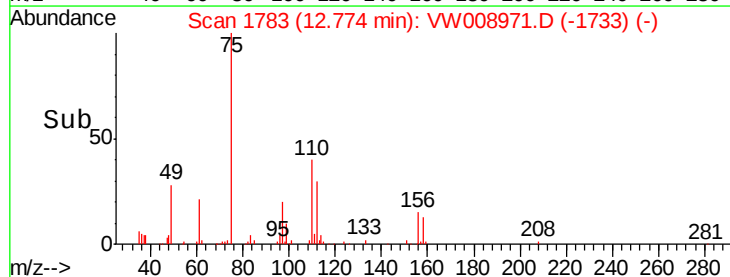
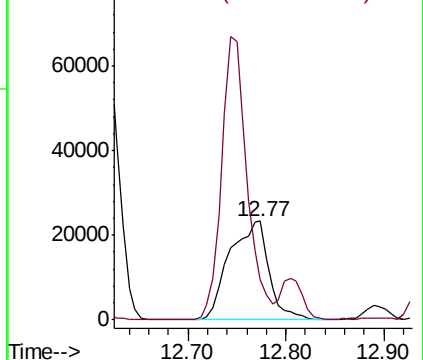
75 100

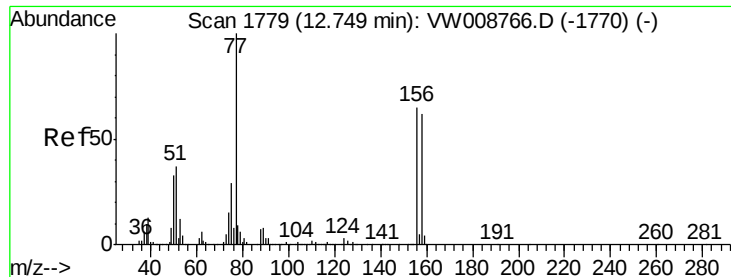
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.298 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

VW0305SBS01

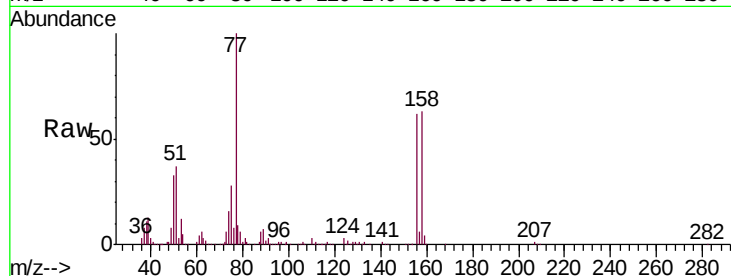
Tgt Ion: 156 Resp: 68908

Ion Ratio Lower Upper

156 100

77 176.1 89.1 267.4

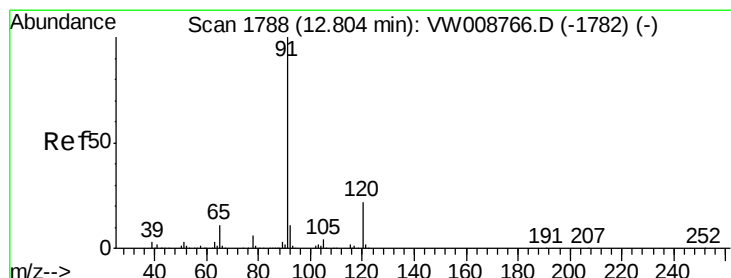
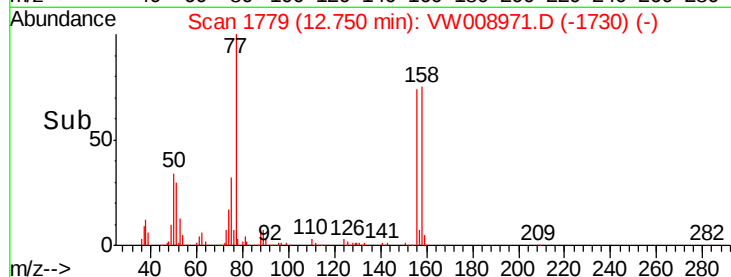
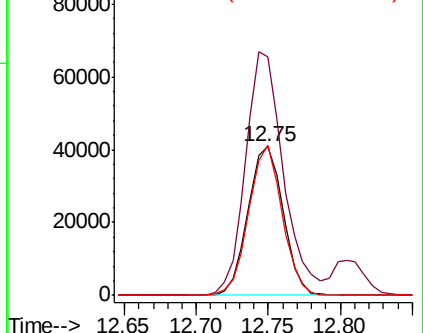
158 95.7 49.2 147.6



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: 20.168 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008971.D

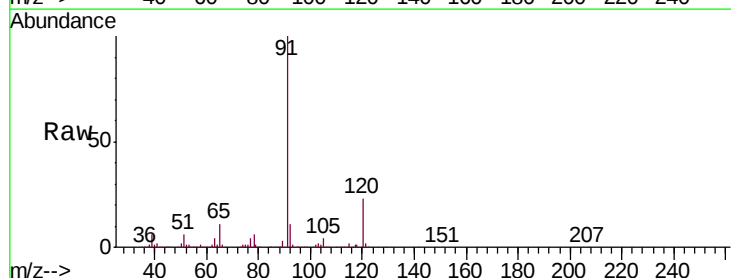
Acq: 04 Mar 2019 20:36

Tgt Ion: 91 Resp: 354421

Ion Ratio Lower Upper

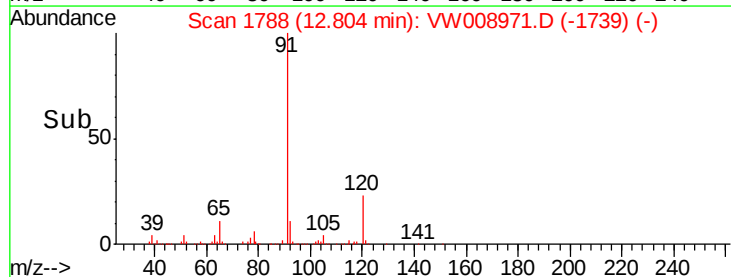
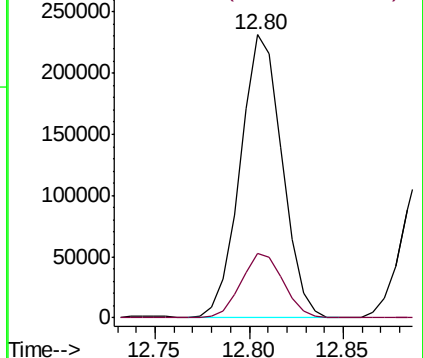
91 100

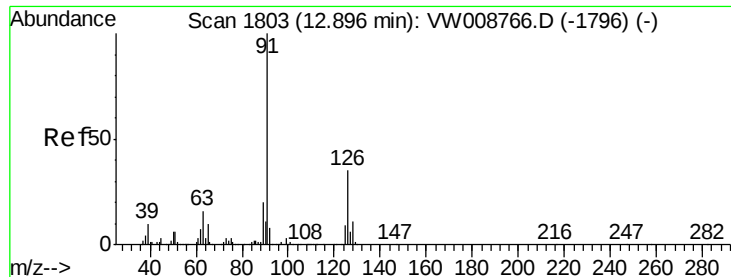
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

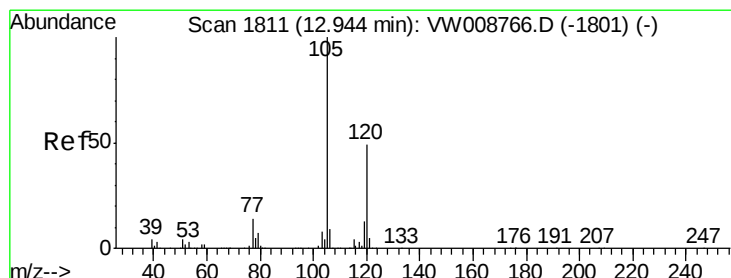
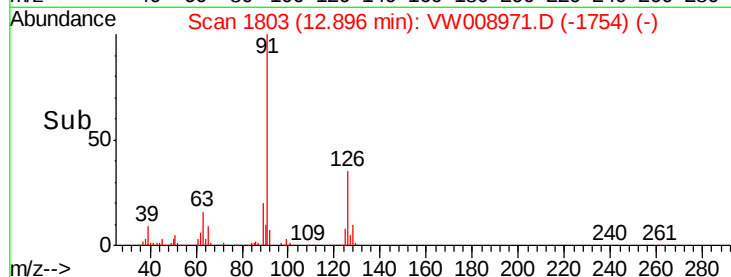
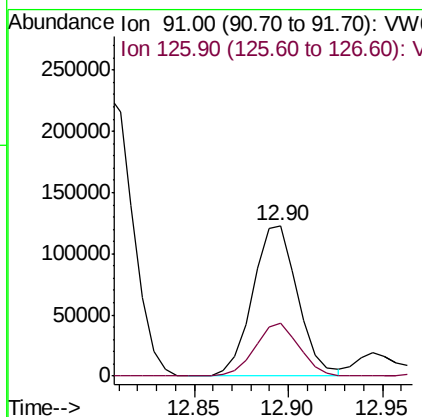
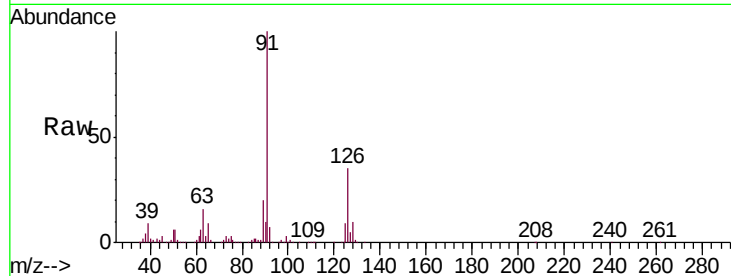




#79
 2-Chlorotoluene
 Concen: 20.323 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

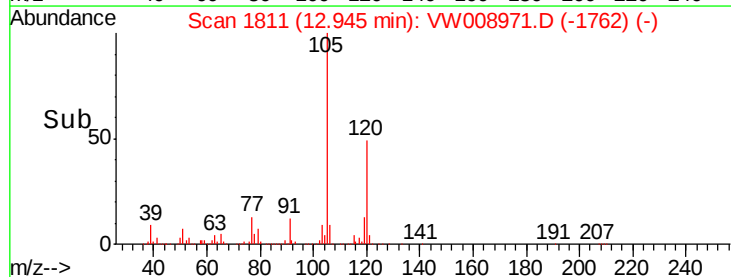
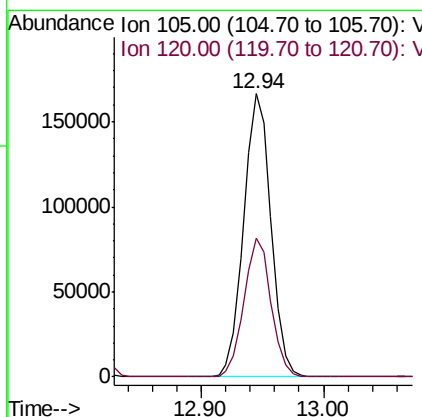
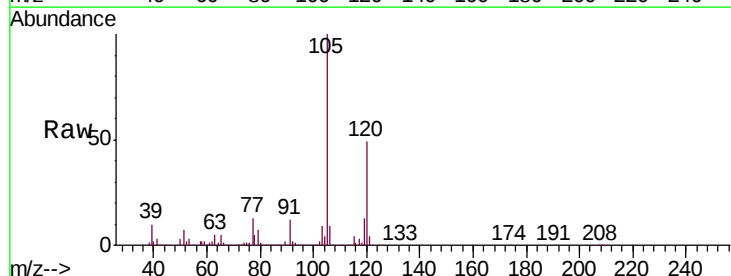
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

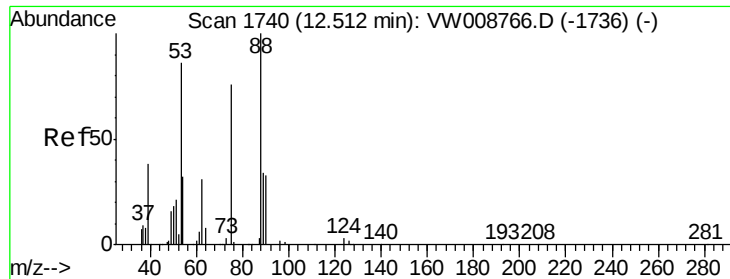
Tgt Ion: 91 Resp: 202769
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.647 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion: 105 Resp: 257764
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.586 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

VW0305SBS01

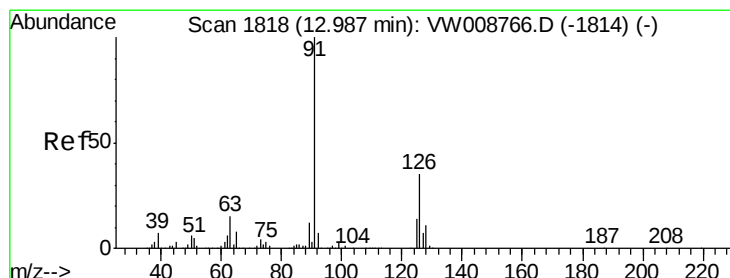
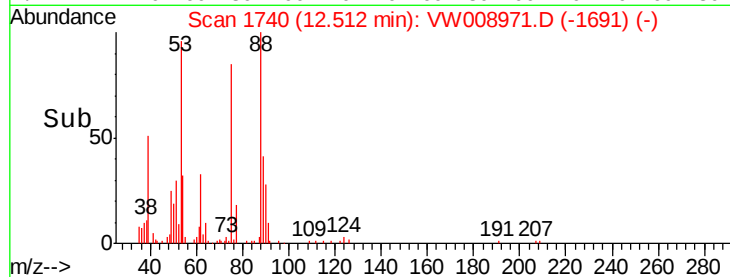
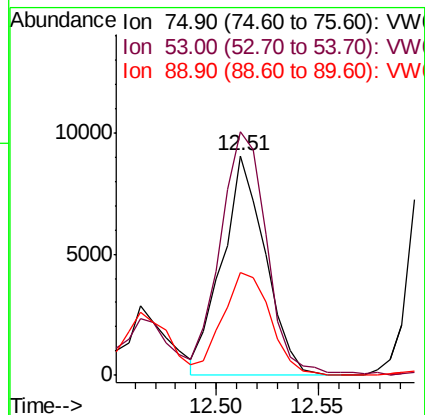
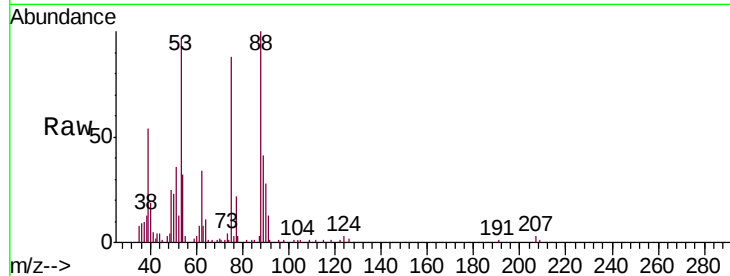
Tgt Ion: 75 Resp: 13228

Ion Ratio Lower Upper

75 100

53 119.9 88.2 132.2

89 52.5 39.5 59.3



#82

4-Chlorotoluene

Concen: 20.378 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008971.D

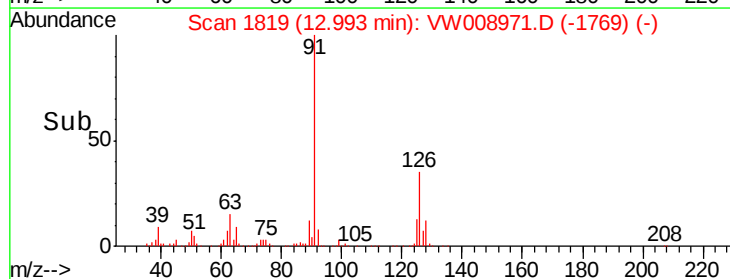
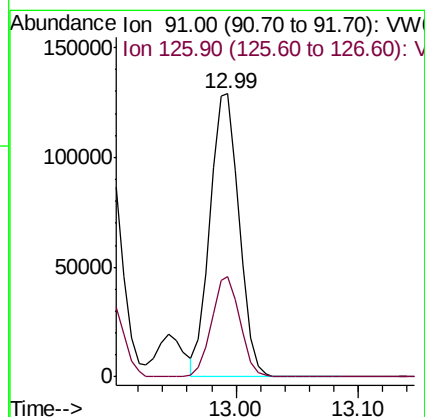
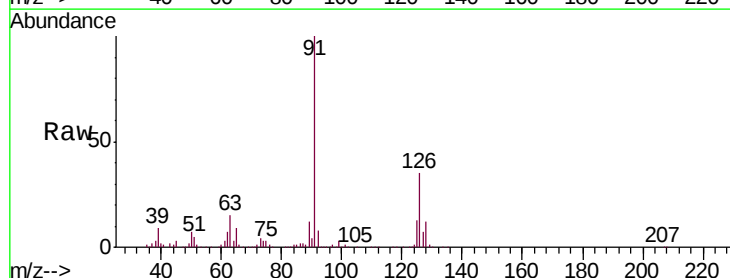
Acq: 04 Mar 2019 20:36

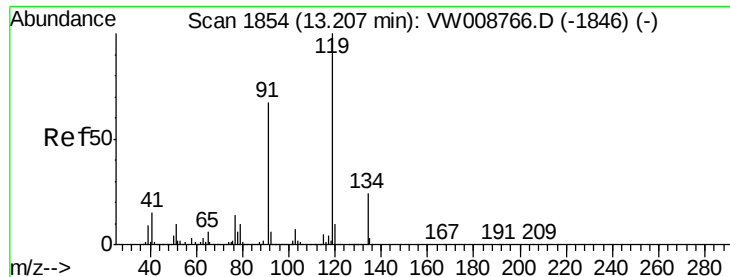
Tgt Ion: 91 Resp: 214253

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.6

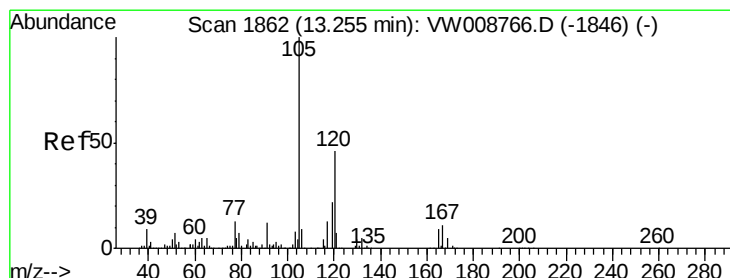
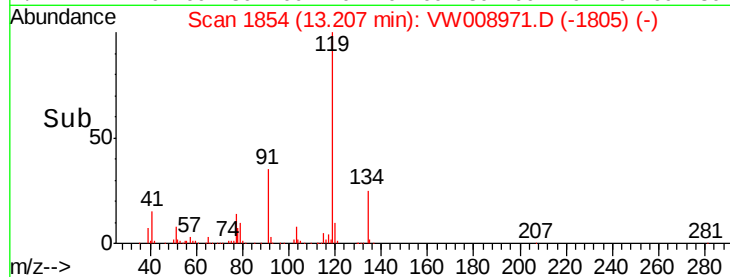
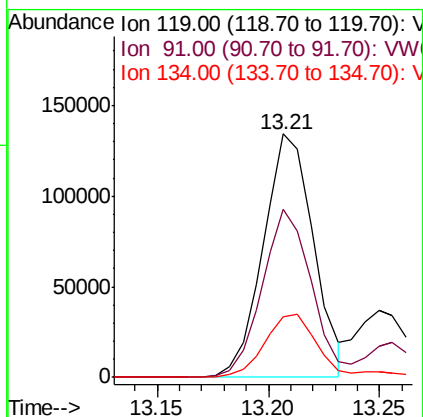
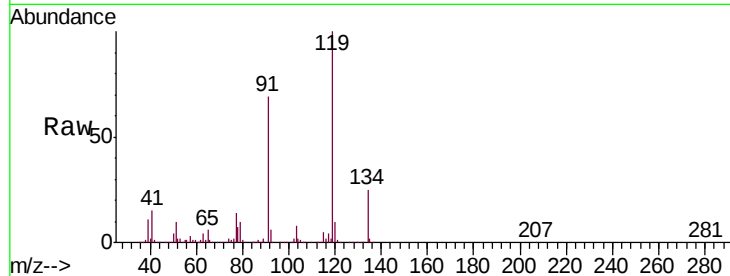




#83
 tert-Butylbenzene
 Concen: 19.532 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

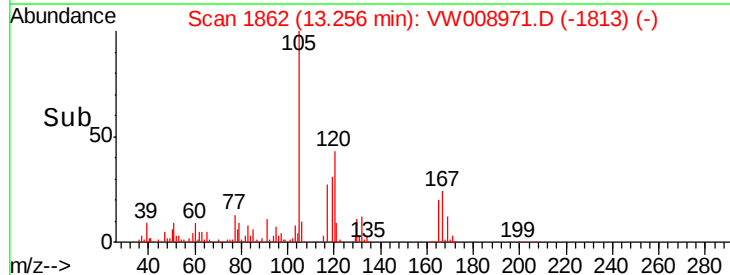
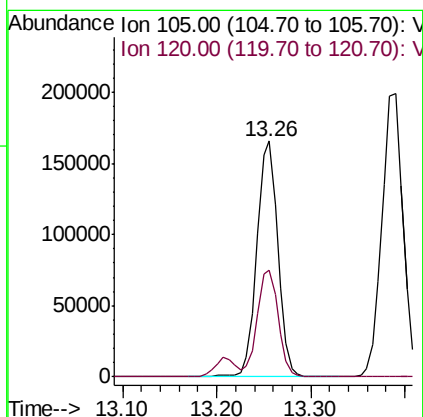
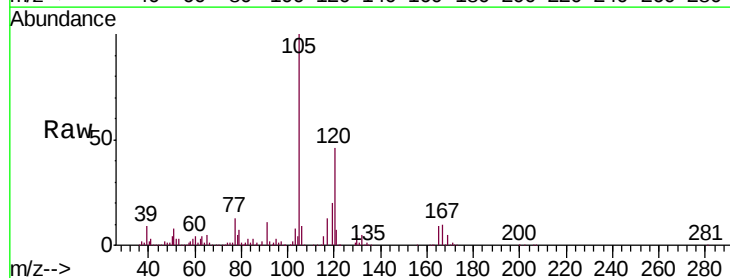
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

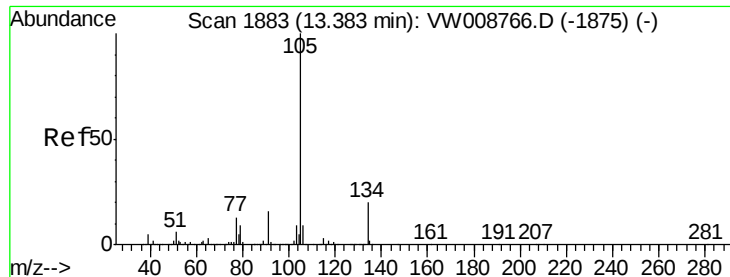
Tgt Ion:119 Resp: 210851
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.6 100.8
 134 28.1 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.994 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion:105 Resp: 258387
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.8 68.4

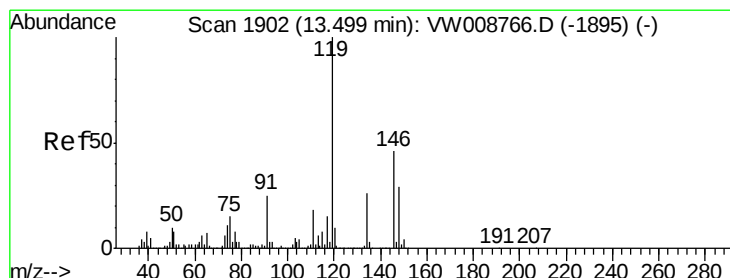
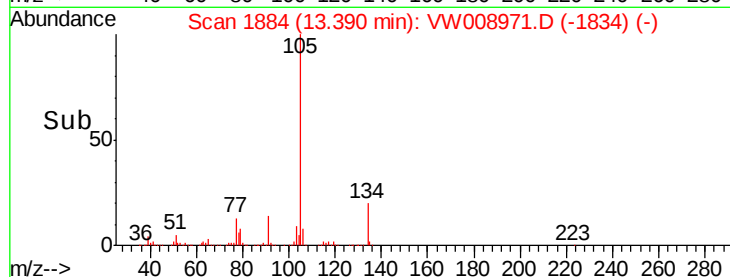
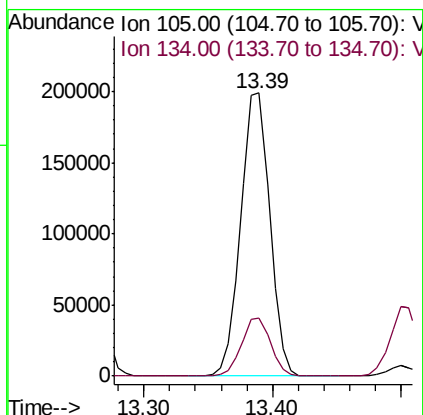
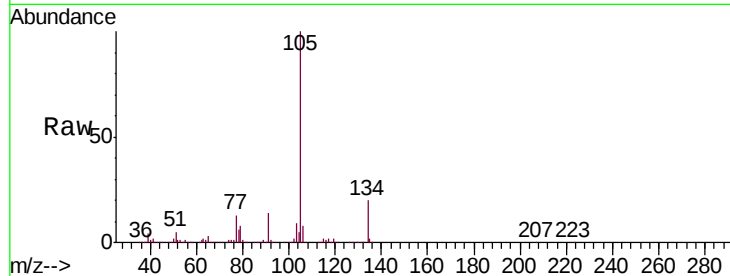




#85
 sec-Butylbenzene
 Concen: 20.044 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

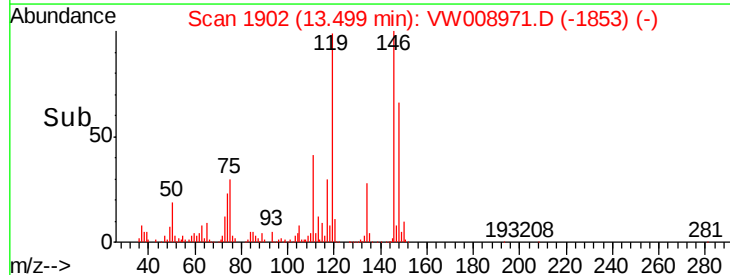
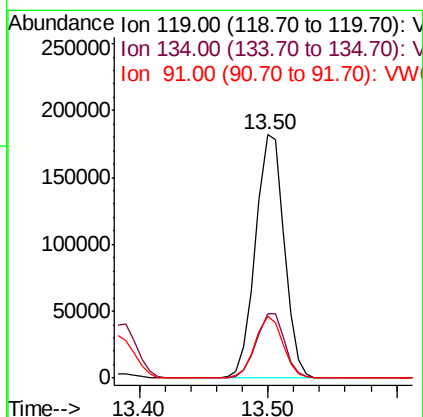
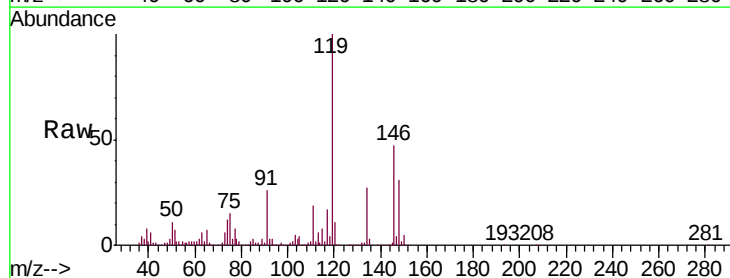
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

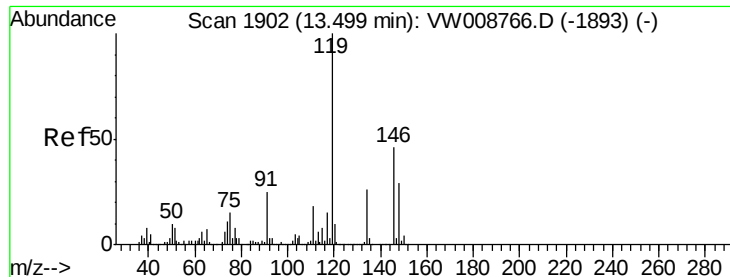
Tgt Ion:105 Resp: 311129
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.626 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion:119 Resp: 279269
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.8 12.1 36.3

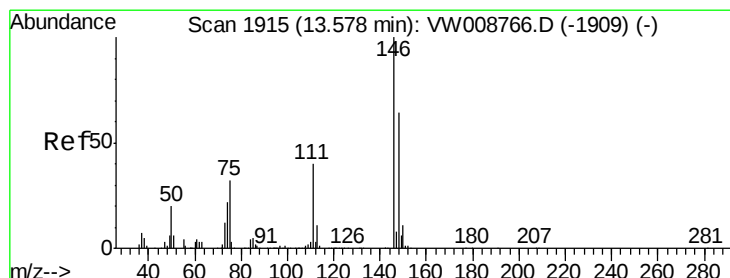
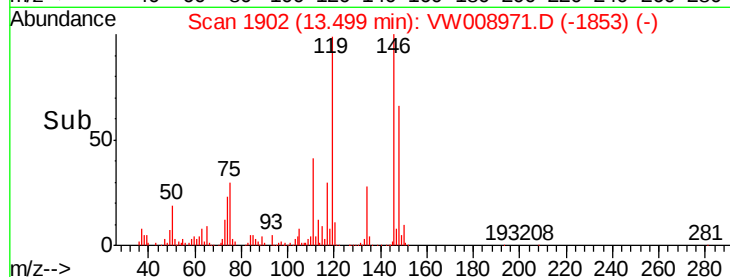
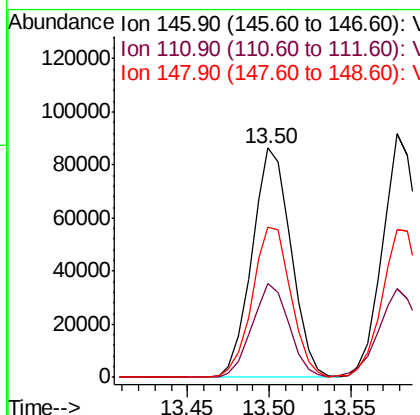
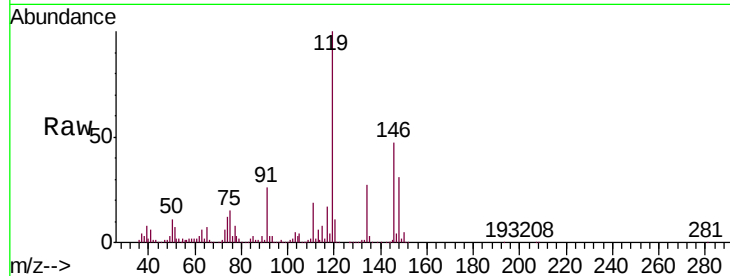




#87
 1,3-Dichlorobenzene
 Concen: 20.273 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

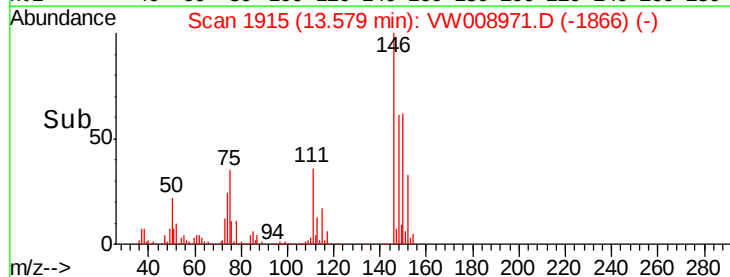
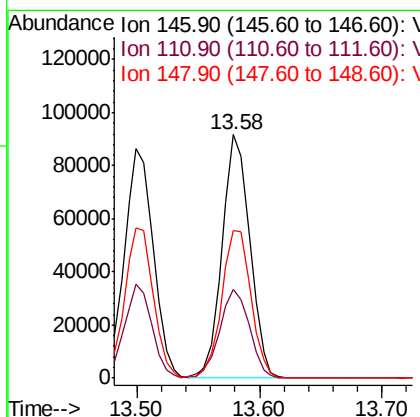
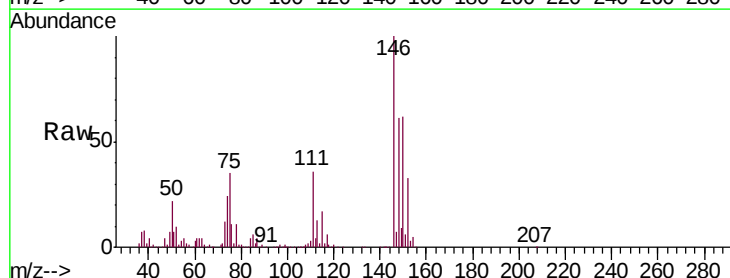
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

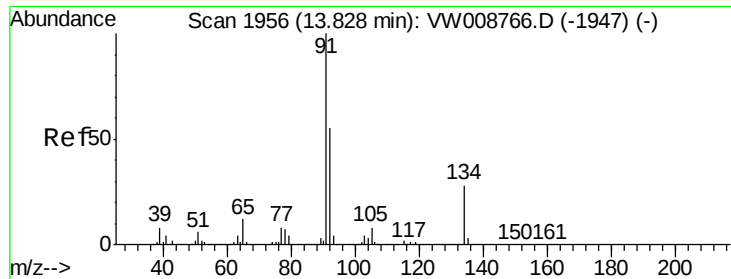
Tgt Ion:146 Resp: 142793
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.9 59.7
 148 65.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.796 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion:146 Resp: 144369
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.3 57.9
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 19.891 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008971.D

Acq: 04 Mar 2019 20:36

Instrument :

MSVOA_W

ClientSampleId :

VW0305SBS01

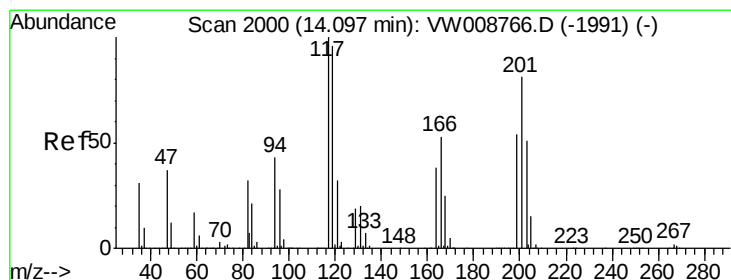
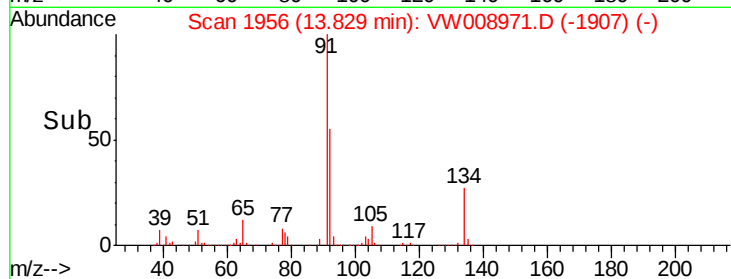
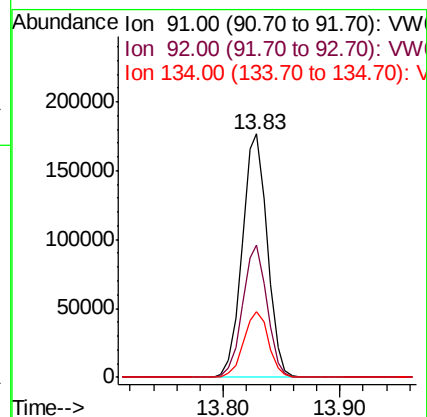
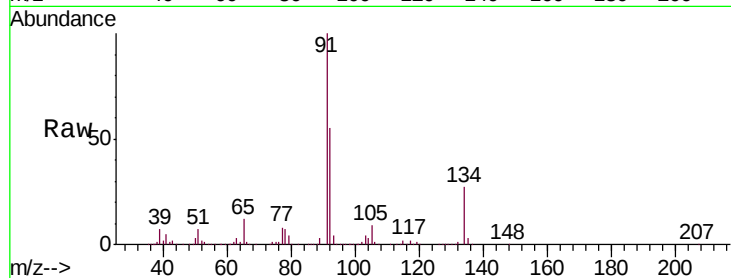
Tgt Ion: 91 Resp: 265167

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

134 26.7 13.5 40.4



#90

Hexachloroethane

Concen: 19.843 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008971.D

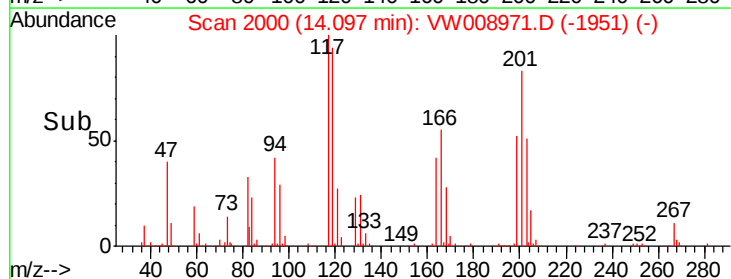
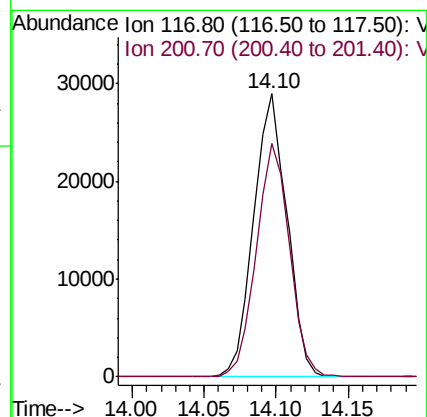
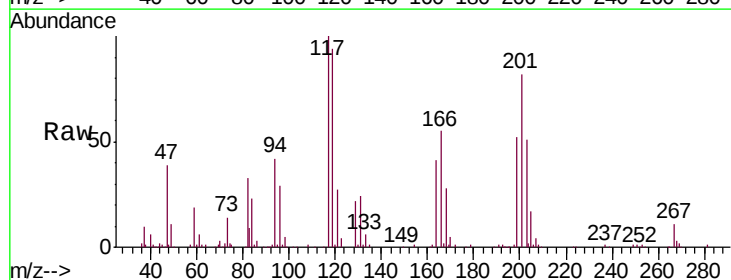
Acq: 04 Mar 2019 20:36

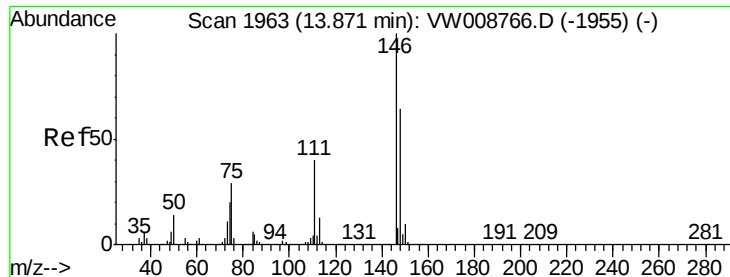
Tgt Ion: 117 Resp: 46223

Ion Ratio Lower Upper

117 100

201 82.1 40.3 120.8

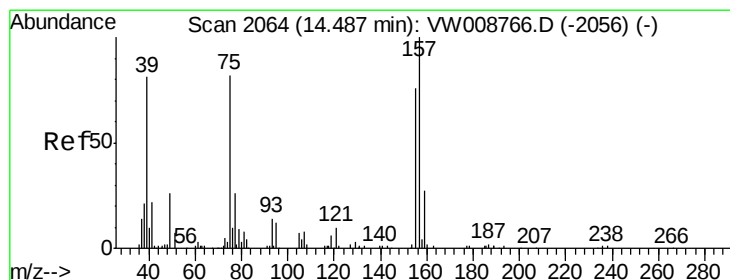
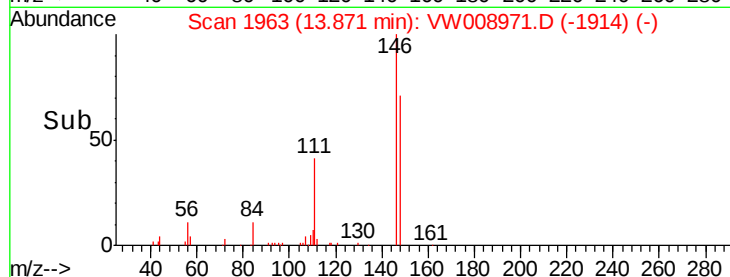
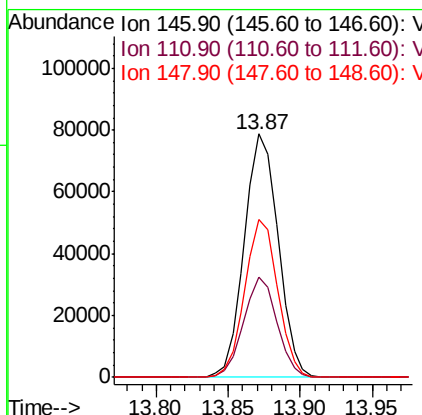
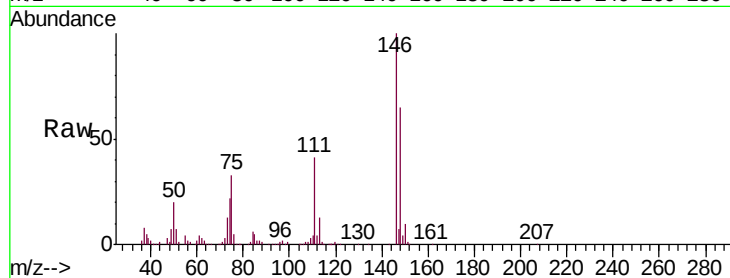




#91
 1,2-Dichlorobenzene
 Concen: 20.452 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

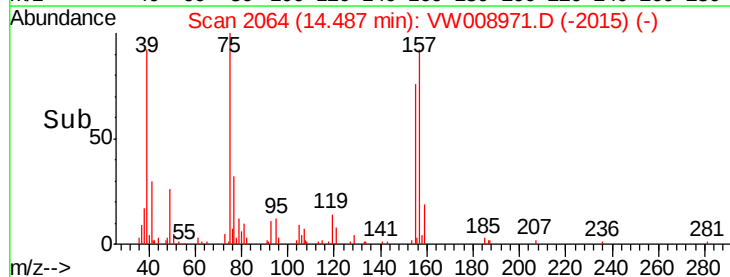
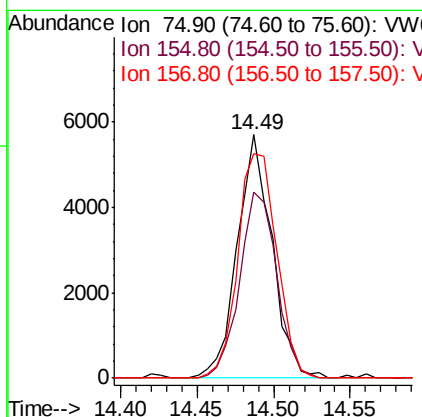
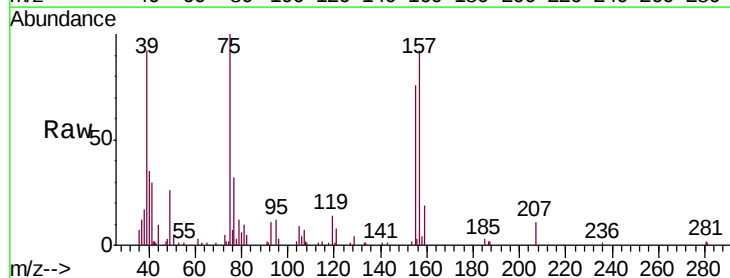
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

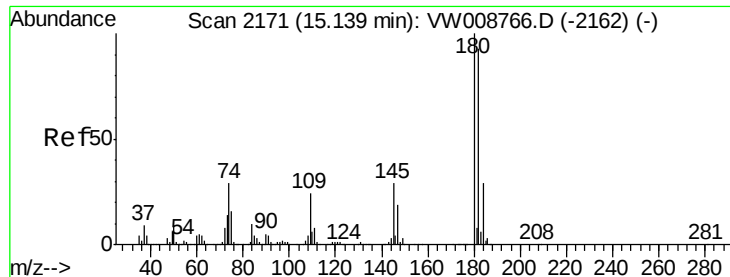
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.8
148	63.2	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.138 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	41.8	125.4
157	103.9	56.6	169.9

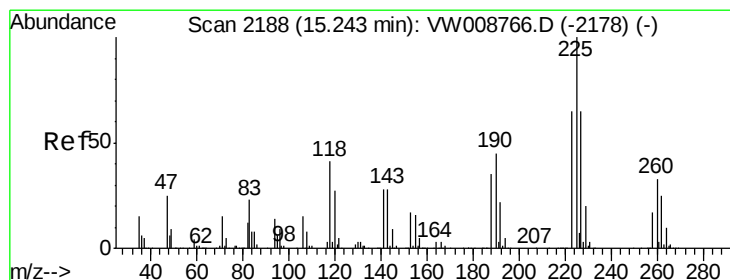
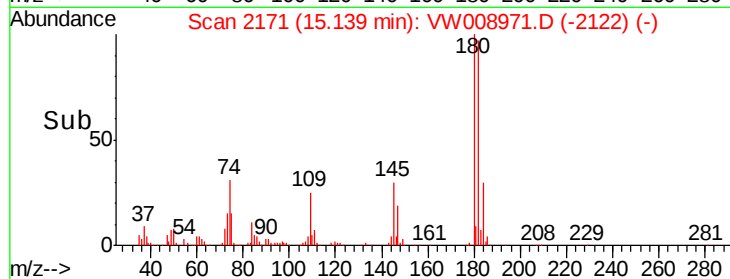
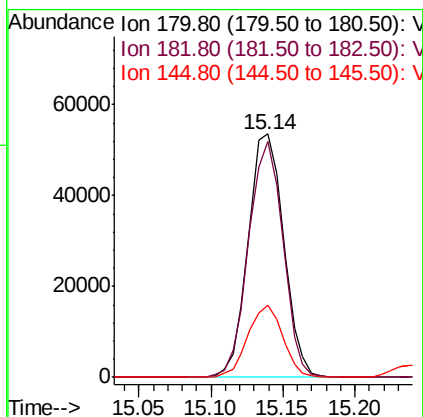
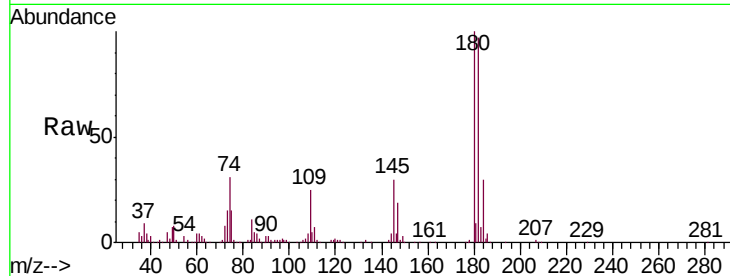




#93
 1,2,4-Trichlorobenzene
 Concen: 20.196 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

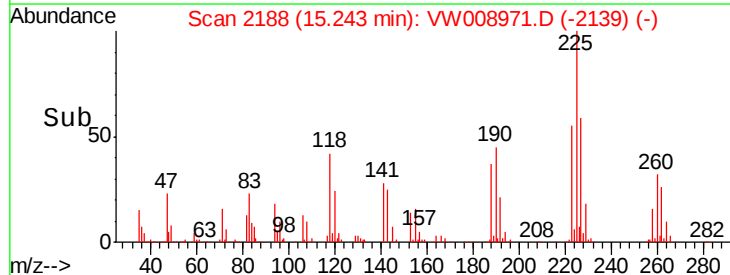
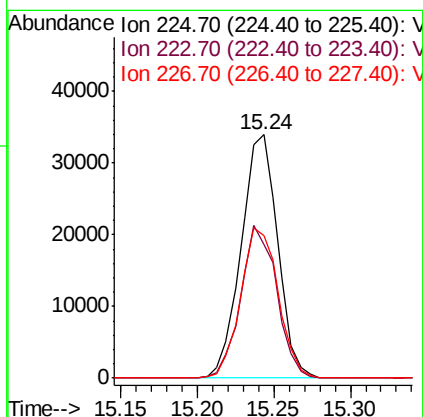
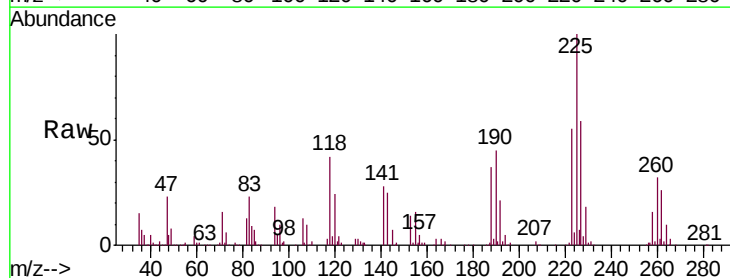
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0305SBS01

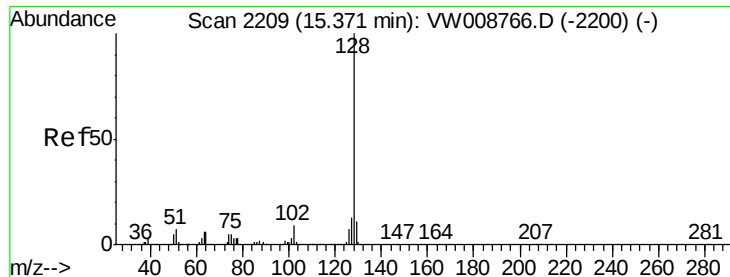
Tgt Ion:180 Resp: 91324
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.2 141.6
 145 29.0 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 21.156 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008971.D
 Acq: 04 Mar 2019 20:36

Tgt Ion:225 Resp: 56351
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.5 94.5
 227 63.6 31.6 94.8

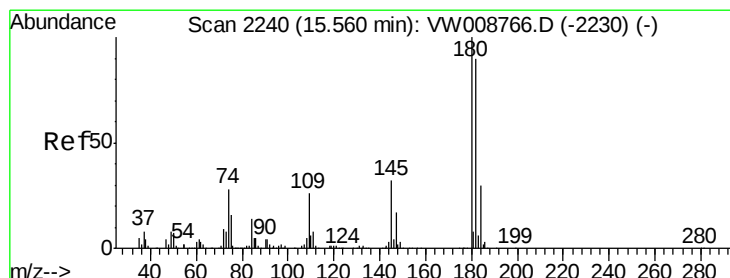
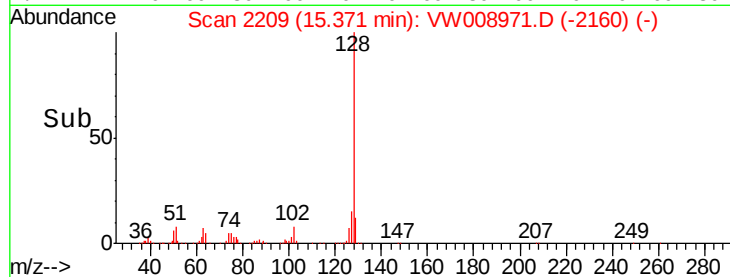
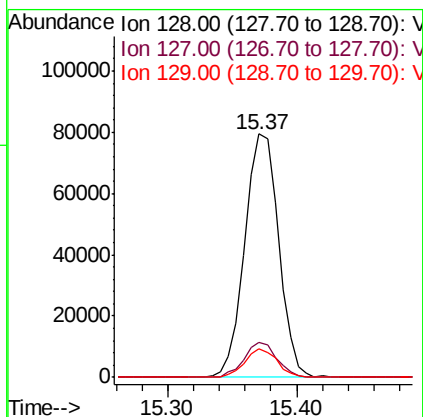
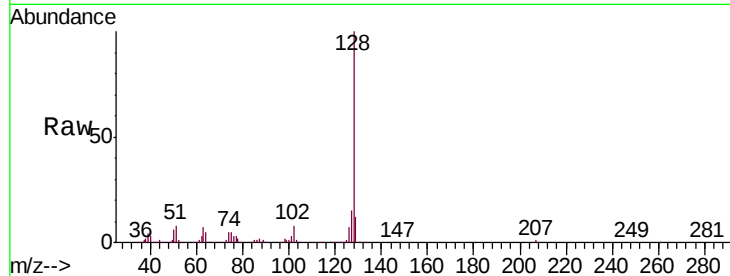




#95
Naphthalene
Concen: 18.752 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

Tgt Ion:128 Resp: 144376
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.305 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008971.D
Acq: 04 Mar 2019 20:36

Tgt Ion:180 Resp: 79387
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.8
145 32.1 15.9 47.6

