

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008121.D
 Acq On : 10 Jan 2019 00:59
 Operator : SY/AP
 Sample : VW0109SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Quant Time: Jan 10 06:01:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56367	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42793	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	39848	54.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.10%	
50) Toluene-d8	10.32	98	162979	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.62	95	56987	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	9828	17.230	ug/l	98
3) Chloromethane	2.21	50	15060	20.351	ug/l	97
4) Vinyl Chloride	2.36	62	19019	19.692	ug/l	91
5) Bromomethane	2.78	94	16777	23.188	ug/l	98
6) Chloroethane	2.92	64	13522	18.606	ug/l	100
7) Trichlorofluoromethane	3.25	101	13390	17.053	ug/l	97
8) Diethyl Ether	3.68	74	9987	22.499	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15048	19.303	ug/l	96
10) Methyl Iodide	4.26	142	23290	20.498	ug/l	99
11) Tert butyl alcohol	5.20	59	5912	107.329	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	15211	19.874	ug/l	93
13) Acrolein	3.89	56	4470	84.484	ug/l	96
14) Allyl chloride	4.67	41	29057	20.910	ug/l	99
15) Acrylonitrile	5.37	53	20776	122.938	ug/l	100
16) Acetone	4.13	43	15544	97.158	ug/l	100
17) Carbon Disulfide	4.38	76	46943	19.633	ug/l	97
18) Methyl Acetate	4.67	43	11828	23.824	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	27139	21.811	ug/l #	87
20) Methylene Chloride	4.91	84	28640	35.652	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	17527	21.072	ug/l	92
22) Diisopropyl ether	6.32	45	58210	21.964	ug/l	98
23) Vinyl Acetate	6.26	43	159370	114.497	ug/l	99
24) 1,1-Dichloroethane	6.21	63	33115	21.445	ug/l	97
25) 2-Butanone	7.17	43	24231	110.869	ug/l	93
26) 2,2-Dichloropropane	7.17	77	19940	19.058	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	19176	21.131	ug/l	98
28) Bromochloromethane	7.51	49	13825	22.635	ug/l	99
29) Tetrahydrofuran	7.53	42	17124	117.294	ug/l	98
30) Chloroform	7.67	83	32520	22.125	ug/l	95
31) Cyclohexane	7.95	56	30823	18.646	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	25821	20.189	ug/l	98
36) 1,1-Dichloropropene	8.08	75	25714	19.931	ug/l	98
37) Ethyl Acetate	7.26	43	12699	24.569	ug/l	99
38) Carbon Tetrachloride	8.07	117	23853	20.200	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29919	18.289	ug/l	94
40) Benzene	8.32	78	75011	21.436	ug/l	99
41) Methacrylonitrile	7.49	41	7043	21.571	ug/l	99
42) 1,2-Dichloroethane	8.40	62	21563	21.909	ug/l	98
43) Isopropyl Acetate	8.42	43	23964	23.189	ug/l	99
44) Trichloroethene	9.09	130	18576	20.737	ug/l	96
45) 1,2-Dichloropropane	9.37	63	19363	22.316	ug/l	97
46) Dibromomethane	9.46	93	9662	22.674	ug/l	98
47) Bromodichloromethane	9.64	83	23566	21.780	ug/l	95
48) Methyl methacrylate	9.44	41	11402	23.382	ug/l	98
49) 1,4-Dioxane	9.46	88	2954	431.067	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	58165	116.274	ug/l	97
52) Toluene	10.39	92	47023	21.041	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	23127	20.549	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	27466	20.580	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	13763	23.005	ug/l	96
56) Ethyl methacrylate	10.65	69	16435	22.182	ug/l	96
57) 1,3-Dichloropropane	10.93	76	23858	21.805	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	45389	118.598	ug/l	99
59) 2-Hexanone	10.97	43	38022	112.396	ug/l	98
60) Dibromochloromethane	11.13	129	14904	22.686	ug/l	100
61) 1,2-Dibromoethane	11.24	107	12825	22.592	ug/l	100
64) Tetrachloroethene	10.86	164	14912	19.920	ug/l	95
65) Chlorobenzene	11.66	112	50469	20.710	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	15927	20.094	ug/l	95
67) Ethyl Benzene	11.73	91	88842	19.924	ug/l	96
68) m/p-Xylenes	11.84	106	68697	40.364	ug/l	98
69) o-Xylene	12.17	106	31578	20.036	ug/l	98
70) Styrene	12.18	104	51964	21.050	ug/l	99
71) Bromoform	12.35	173	7783	21.940	ug/l #	92
73) Isopropylbenzene	12.47	105	85225	19.258	ug/l	100
74) N-amyl acetate	12.27	43	20939	21.366	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	15744	22.227	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	20657	40.201	ug/l #	1
77) Bromobenzene	12.75	156	19444	20.794	ug/l	94
78) n-propylbenzene	12.80	91	106021	19.553	ug/l	100
79) 2-Chlorotoluene	12.90	91	59091	19.533	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	71930	19.780	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	4557	20.652	ug/l	95
82) 4-Chlorotoluene	12.99	91	60610	19.023	ug/l	96
83) tert-Butylbenzene	13.21	119	63873	19.853	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	73725	19.657	ug/l	99
85) sec-Butylbenzene	13.39	105	92784	19.688	ug/l	99
86) p-Isopropyltoluene	13.51	119	79401	19.511	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	39491	20.820	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	39286	20.643	ug/l	100
89) n-Butylbenzene	13.83	91	76172	19.111	ug/l	99
90) Hexachloroethane	14.10	117	13920	20.251	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	35050	21.026	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2593	22.747	ug/l	94

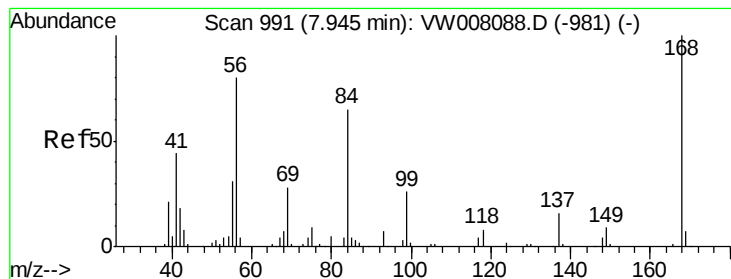
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	21370	19.309	ug/l	99
94) Hexachlorobutadiene	15.24	225	11848	20.001	ug/l	97
95) Naphthalene	15.37	128	42515	20.573	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	19596	20.770	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

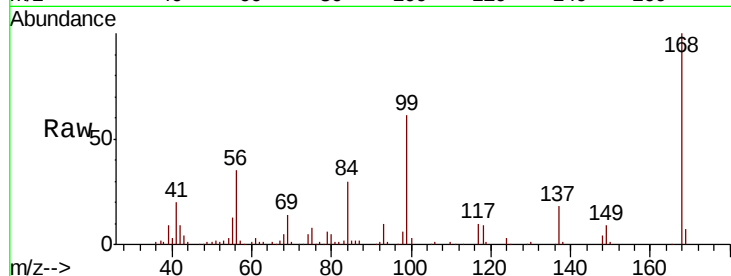
VW0109SBS02

Tgt Ion:168 Resp: 69891

Ion Ratio Lower Upper

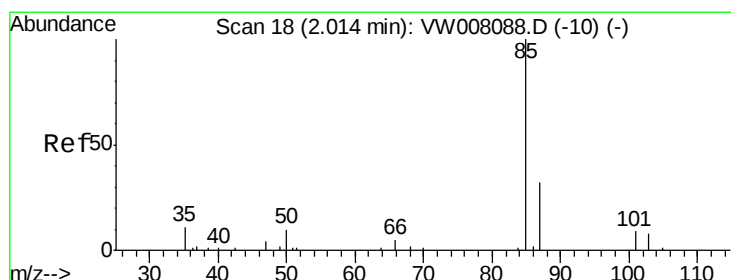
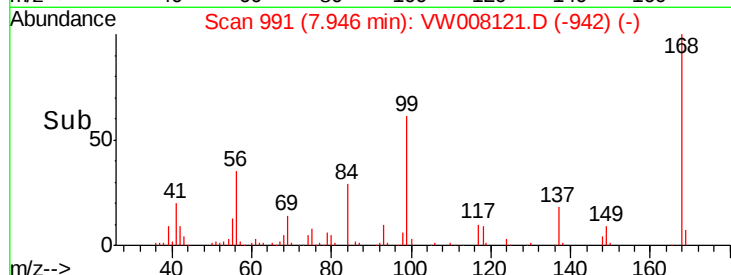
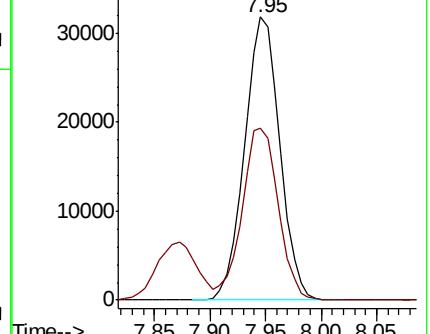
168 100

99 61.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.230 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008121.D

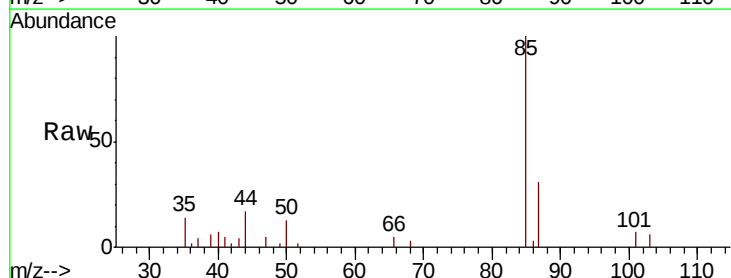
Acq: 10 Jan 2019 00:59

Tgt Ion: 85 Resp: 9828

Ion Ratio Lower Upper

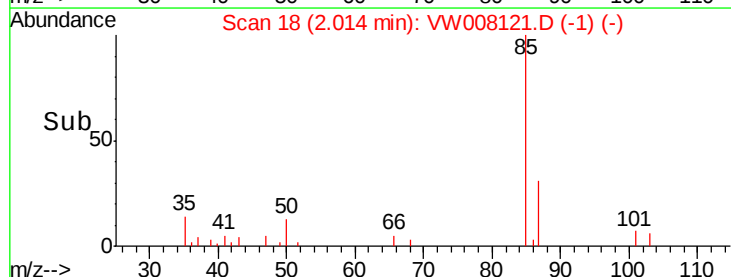
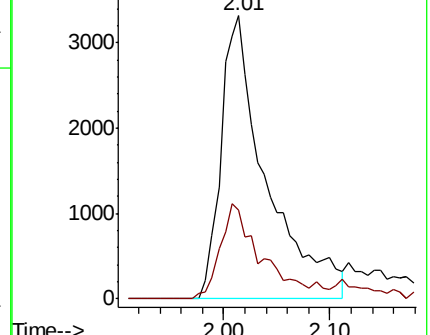
85 100

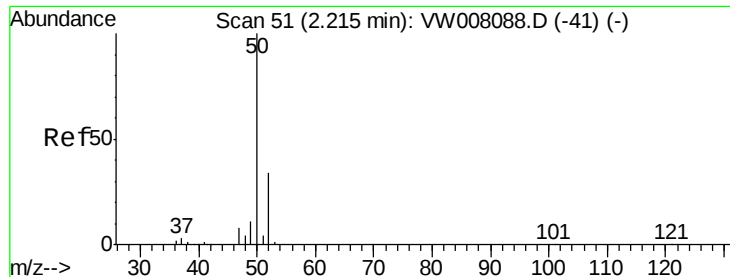
87 31.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.351 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

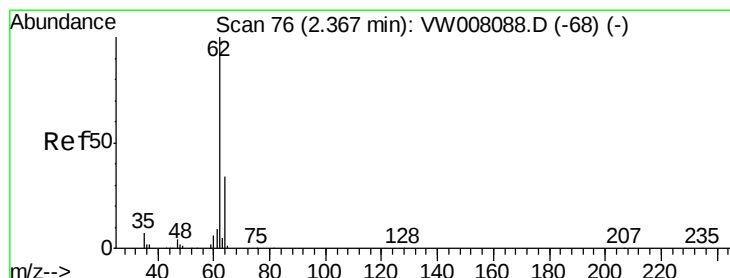
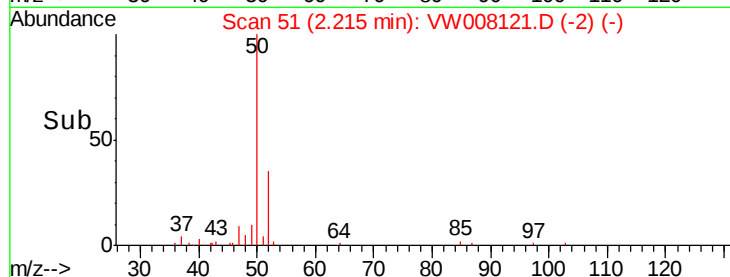
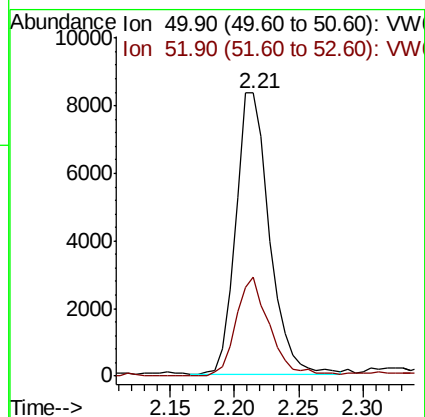
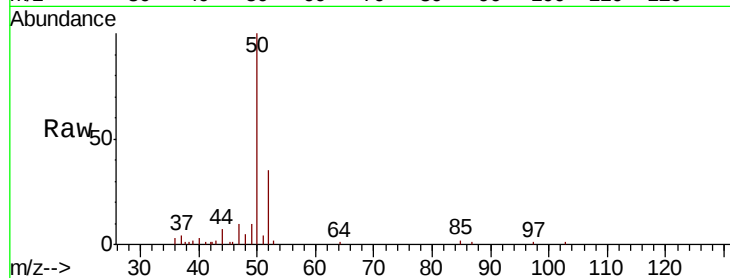
VW0109SBS02

Tgt Ion: 50 Resp: 15060

Ion Ratio Lower Upper

50 100

52 35.1 26.8 40.2



#4

Vinyl Chloride

Concen: 19.692 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008121.D

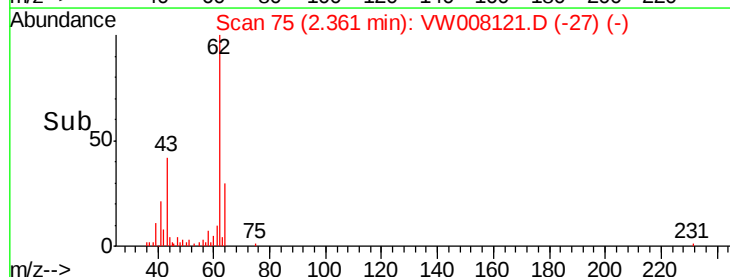
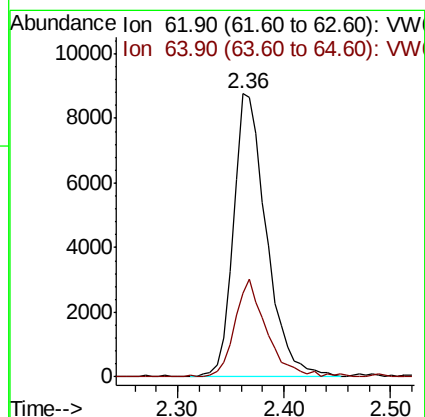
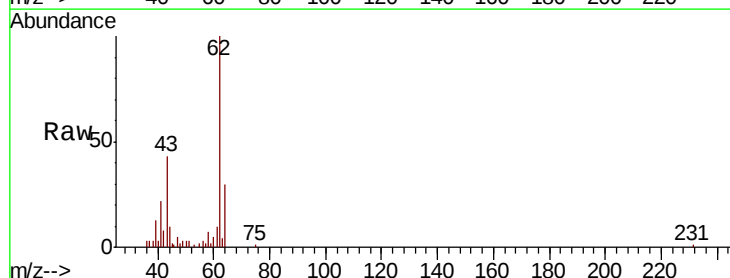
Acq: 10 Jan 2019 00:59

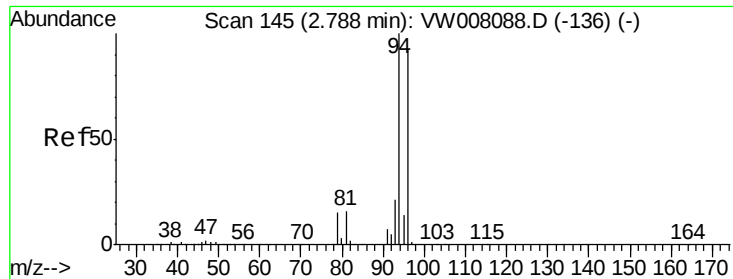
Tgt Ion: 62 Resp: 19019

Ion Ratio Lower Upper

62 100

64 28.9 27.0 40.6





#5

Bromomethane

Concen: 23.188 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

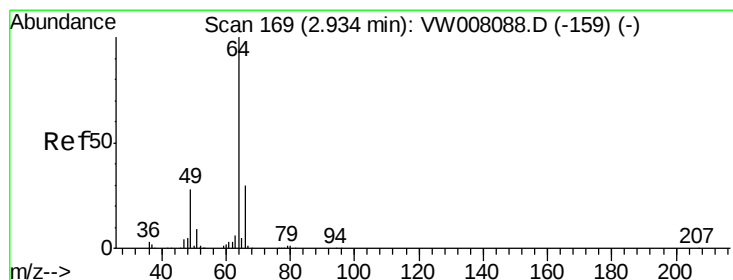
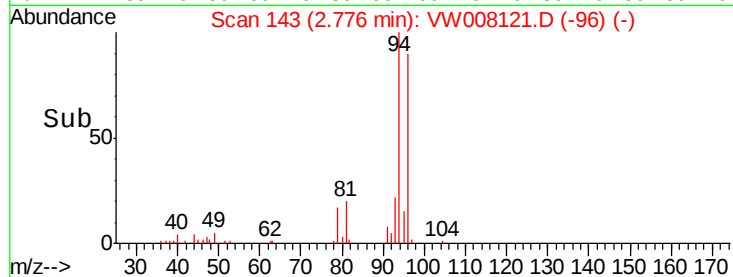
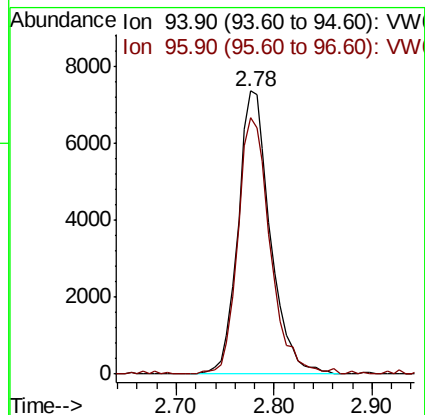
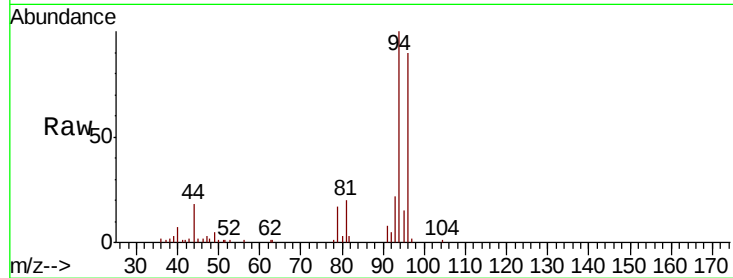
VW0109SBS02

Tgt Ion: 94 Resp: 16777

Ion Ratio Lower Upper

94 100

96 90.4 74.1 111.1



#6

Chloroethane

Concen: 18.606 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008121.D

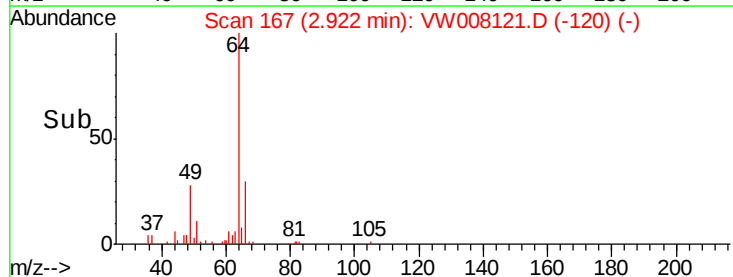
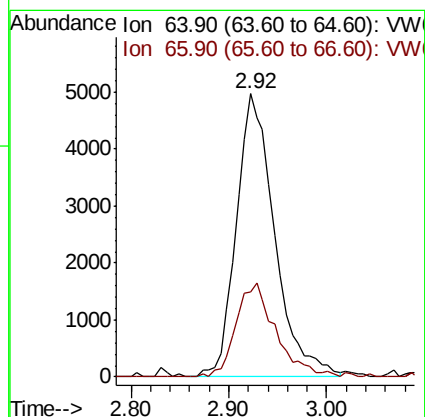
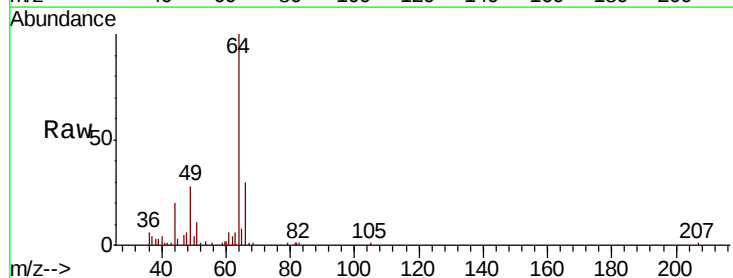
Acq: 10 Jan 2019 00:59

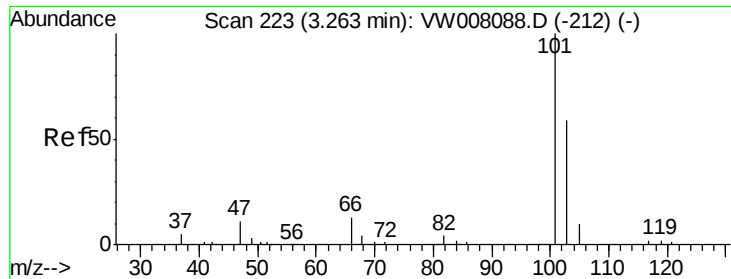
Tgt Ion: 64 Resp: 13522

Ion Ratio Lower Upper

64 100

66 30.0 24.2 36.2



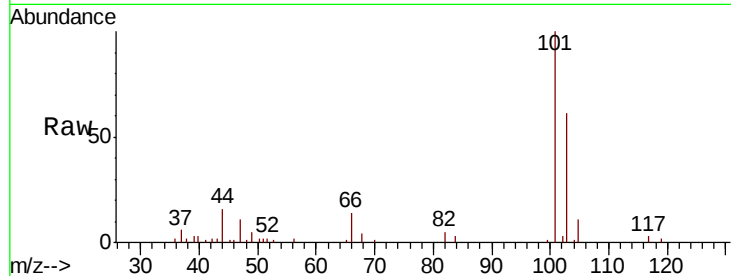


#7

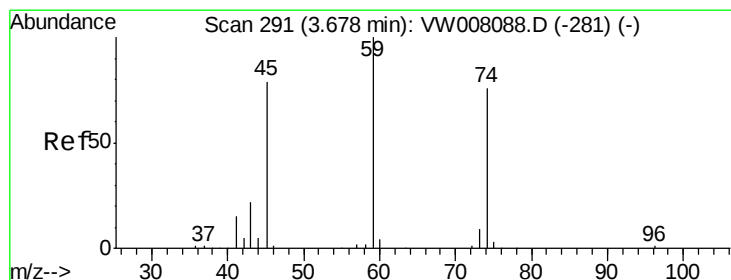
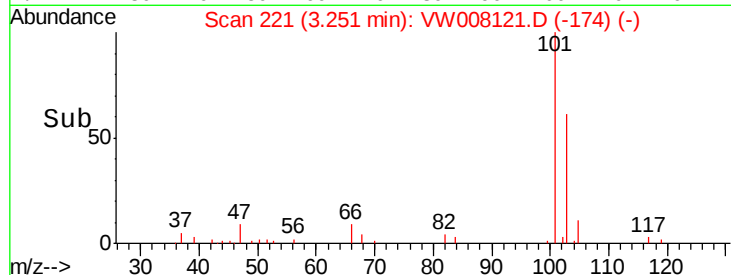
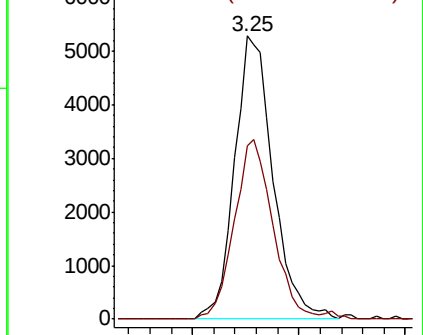
Trichlorofluoromethane
Concen: 17.053 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tgt Ion:101 Resp: 13390
Ion Ratio Lower Upper
101 100
103 61.3 47.0 70.6



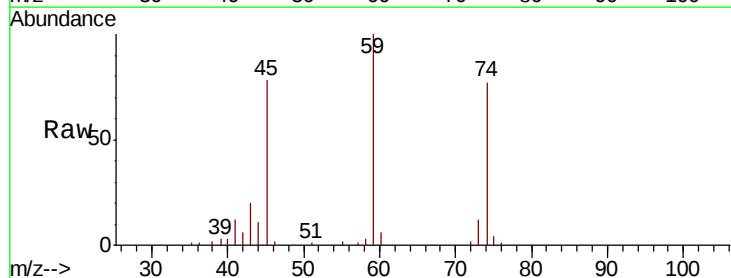
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



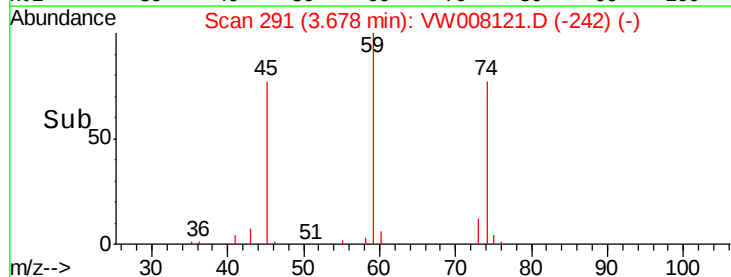
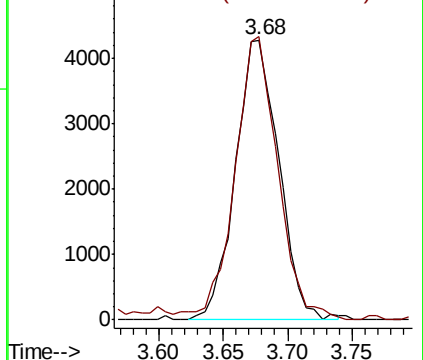
#8

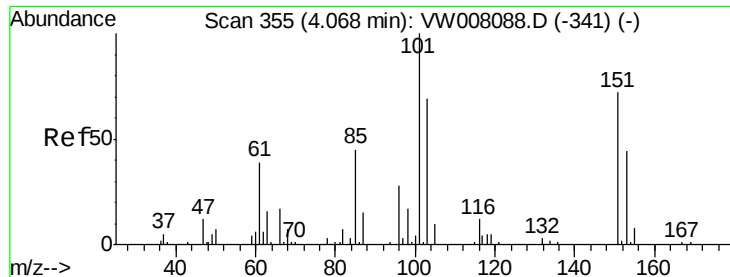
Diethyl Ether
Concen: 22.499 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion: 74 Resp: 9987
Ion Ratio Lower Upper
74 100
45 100.0 52.4 157.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.303 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

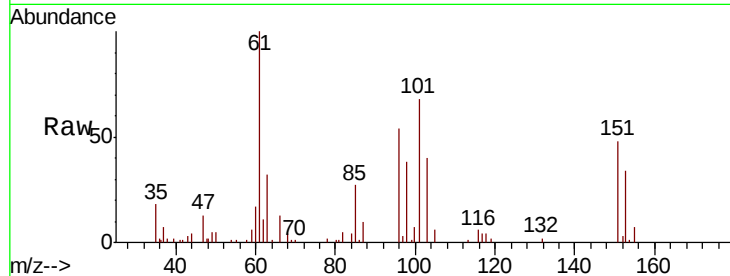
Tgt Ion:101 Resp: 15048

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

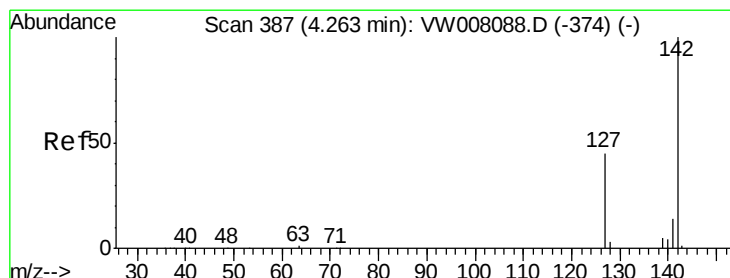
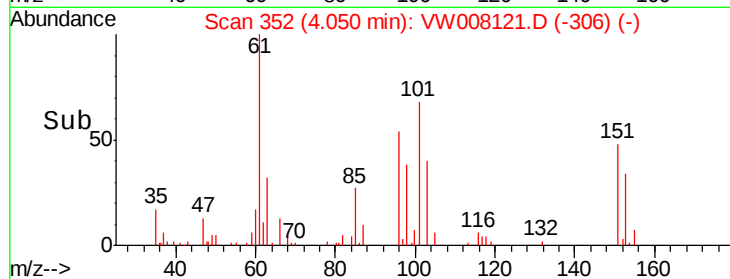
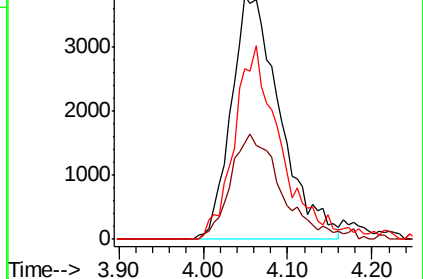
151 75.3 55.8 83.8



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: 20.498 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

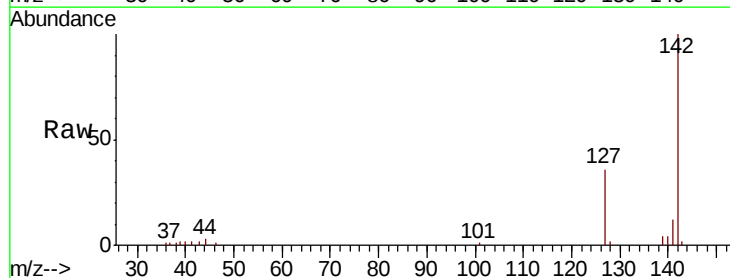
Tgt Ion:142 Resp: 23290

Ion Ratio Lower Upper

142 100

127 44.5 35.0 52.4

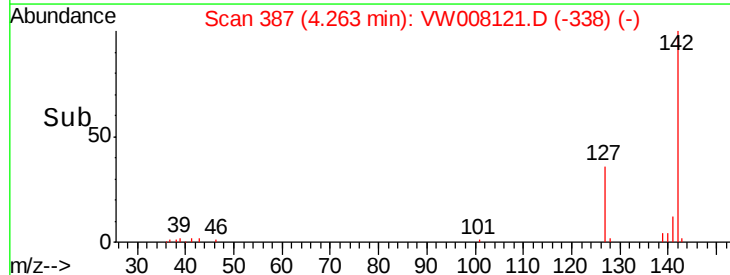
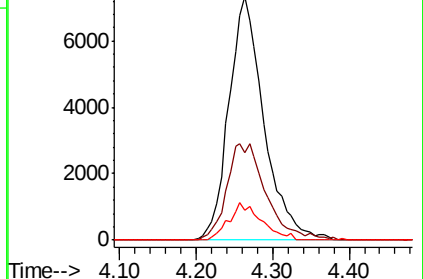
141 14.4 11.8 17.6

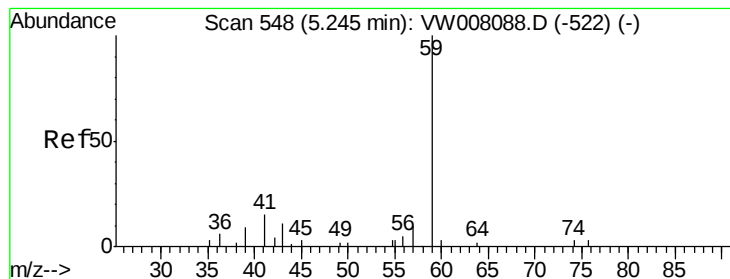


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



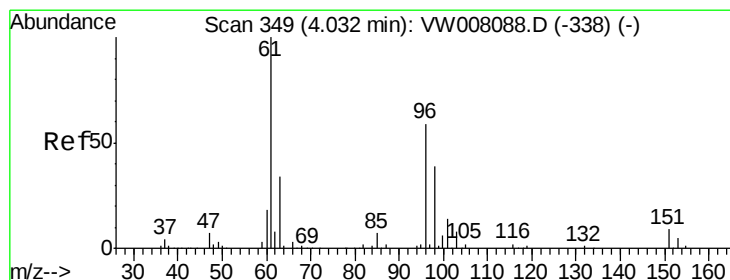
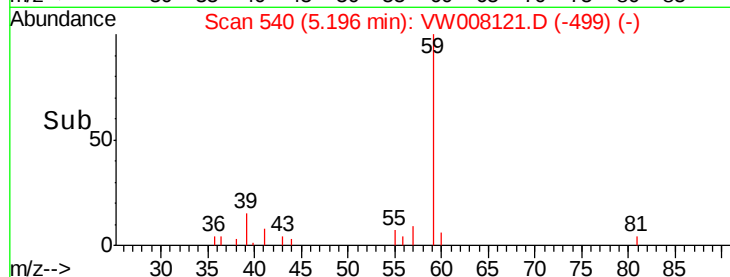
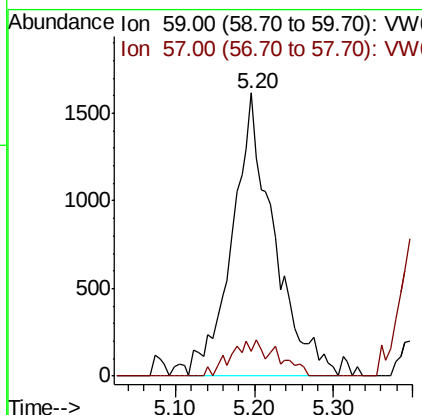
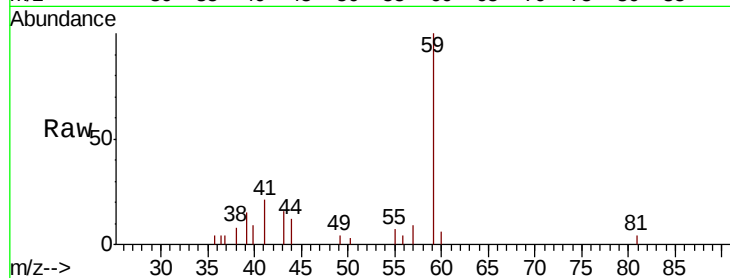


#11

Tert butyl alcohol
 Concen: 107.329 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. -0.05 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

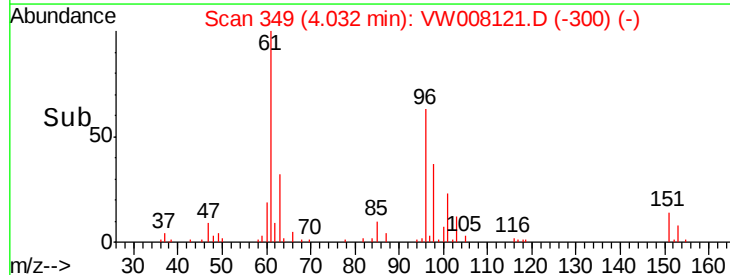
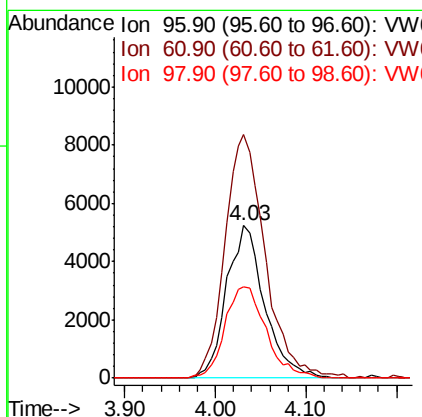
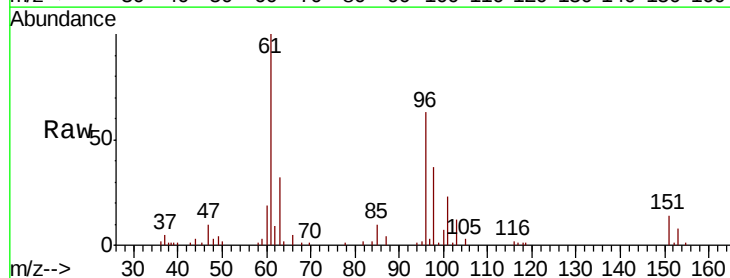
Tgt Ion: 59 Resp: 5912
 Ion Ratio Lower Upper
 59 100
 57 9.5 0.0 0.0#

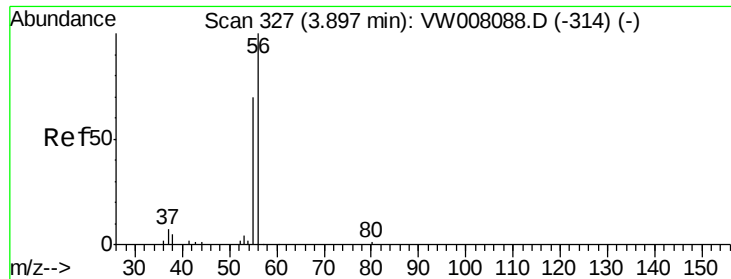


#12

1,1-Dichloroethene
 Concen: 19.874 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion: 96 Resp: 15211
 Ion Ratio Lower Upper
 96 100
 61 159.5 135.4 203.2
 98 59.8 52.5 78.7





#13

Acrolein

Concen: 84.484 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

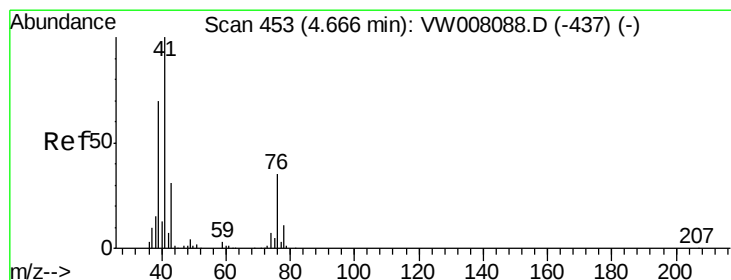
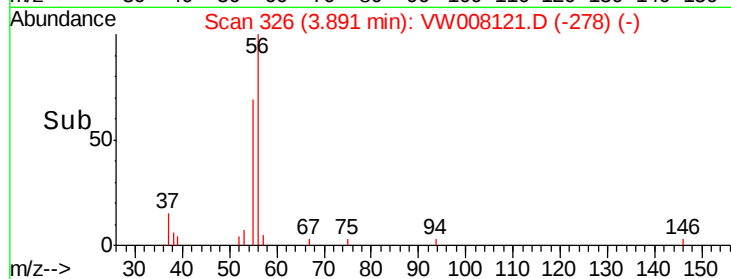
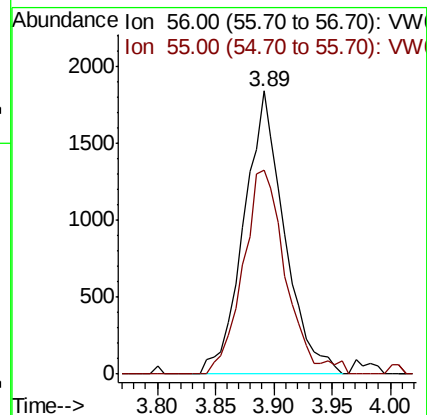
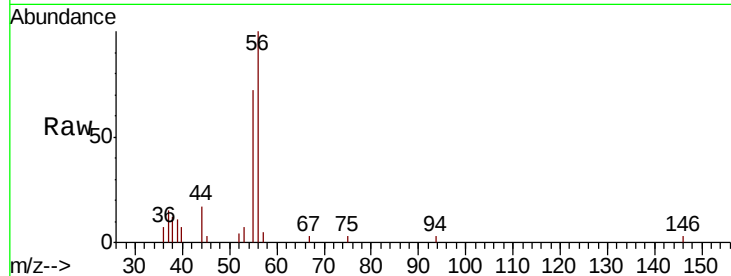
VW0109SBS02

Tgt Ion: 56 Resp: 4470

Ion Ratio Lower Upper

56 100

55 74.2 56.6 84.8



#14

Allyl chloride

Concen: 20.910 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

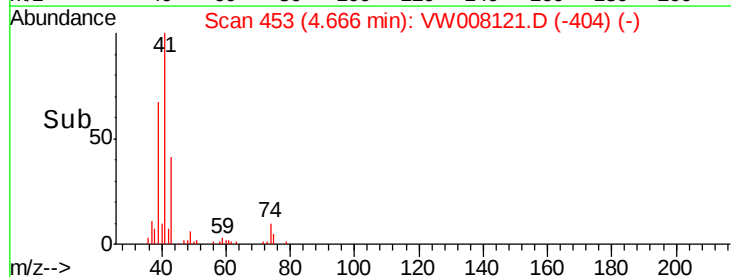
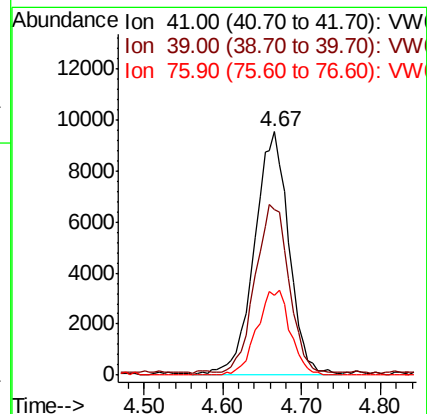
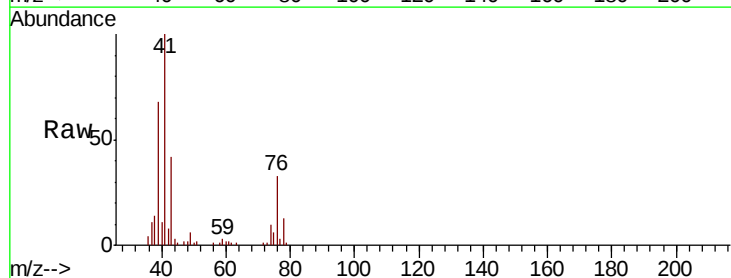
Tgt Ion: 41 Resp: 29057

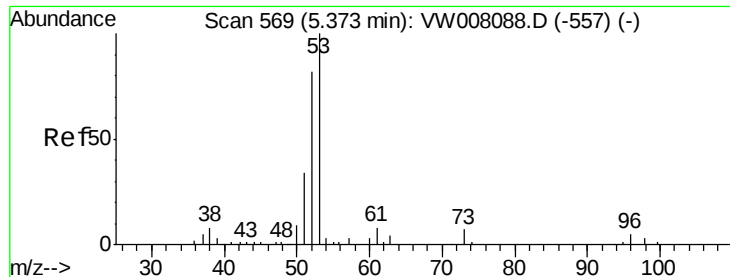
Ion Ratio Lower Upper

41 100

39 67.2 53.8 80.8

76 33.5 27.6 41.4





#15

Acrylonitrile

Concen: 122.938 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

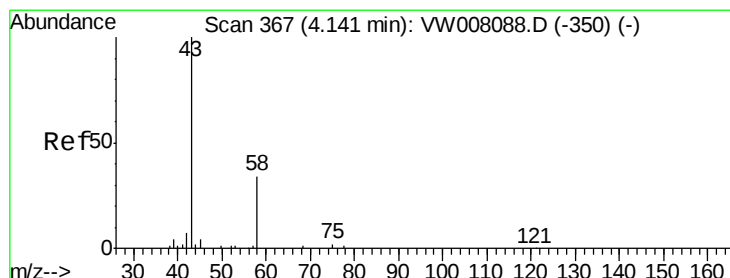
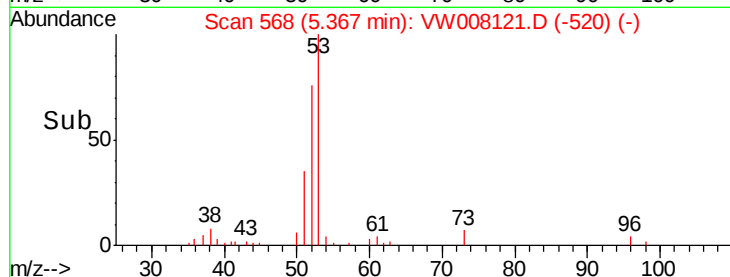
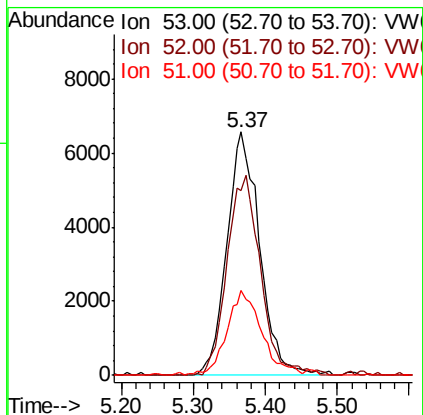
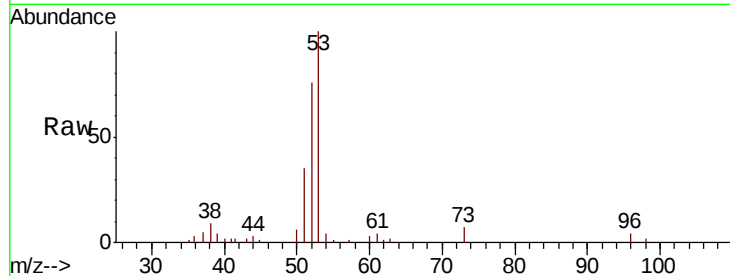
Tgt Ion: 53 Resp: 20776

Ion Ratio Lower Upper

53 100

52 83.9 66.8 100.2

51 36.9 29.7 44.5



#16

Acetone

Concen: 97.158 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008121.D

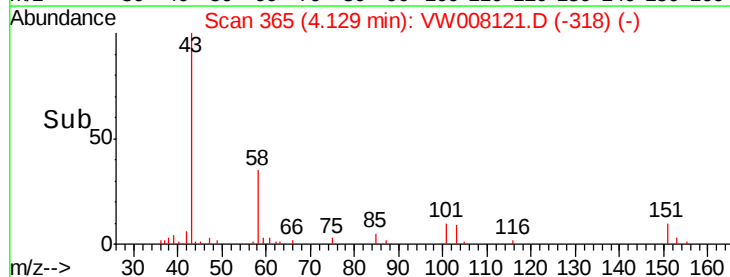
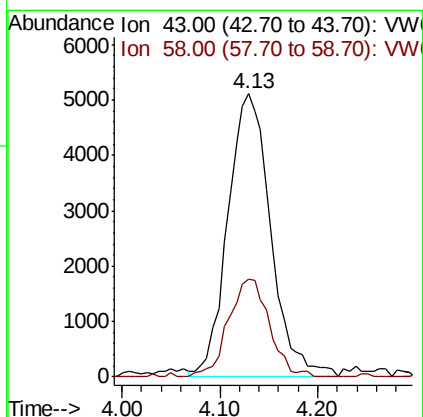
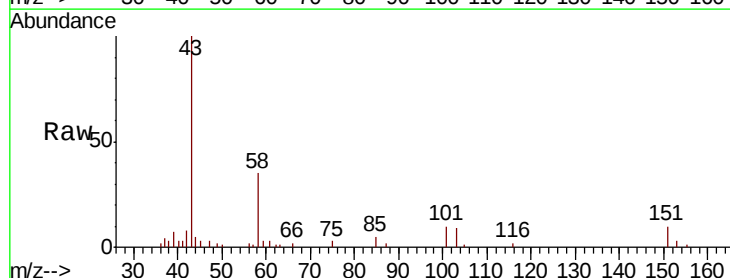
Acq: 10 Jan 2019 00:59

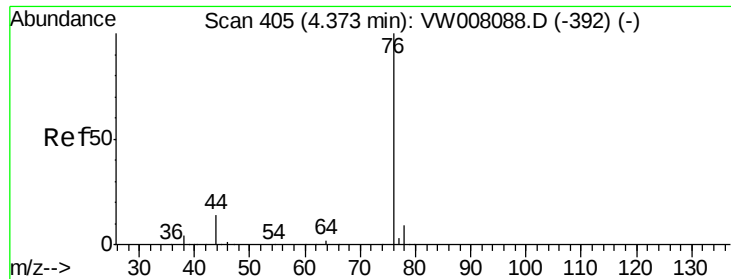
Tgt Ion: 43 Resp: 15544

Ion Ratio Lower Upper

43 100

58 34.6 27.5 41.3

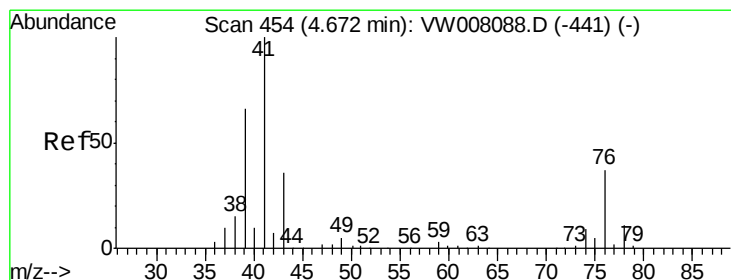
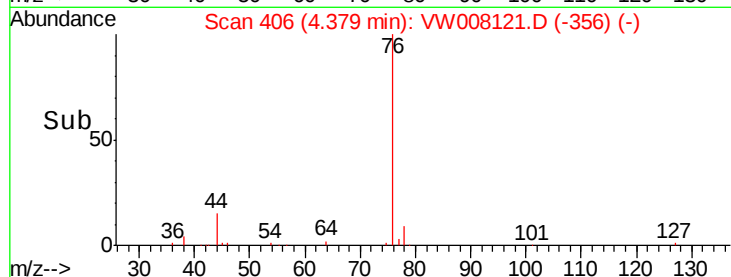
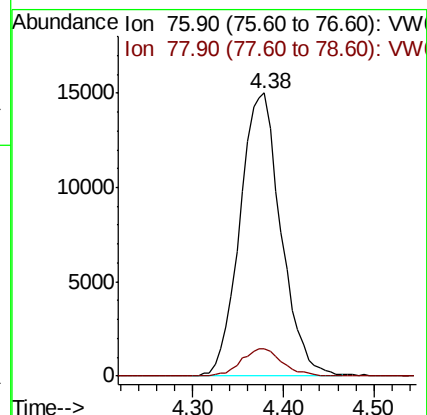
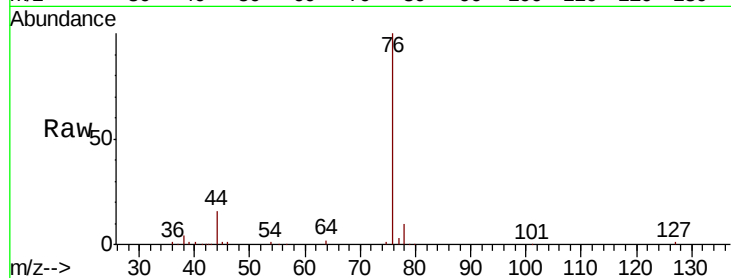




#17
Carbon Disulfide
Concen: 19.633 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

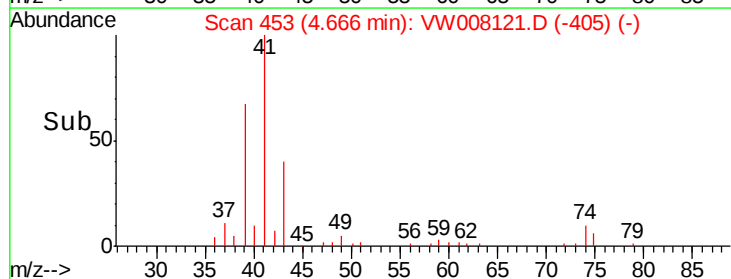
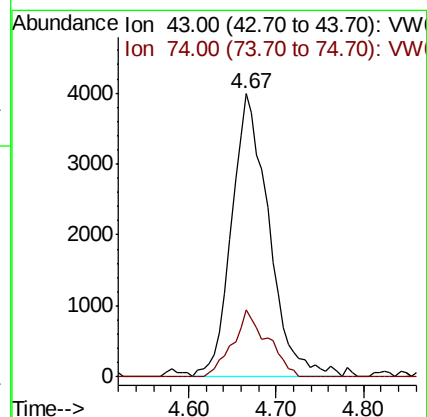
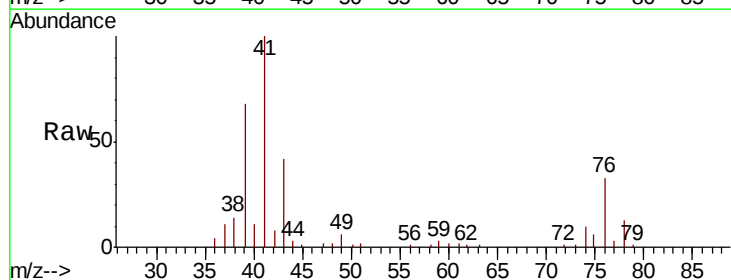
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

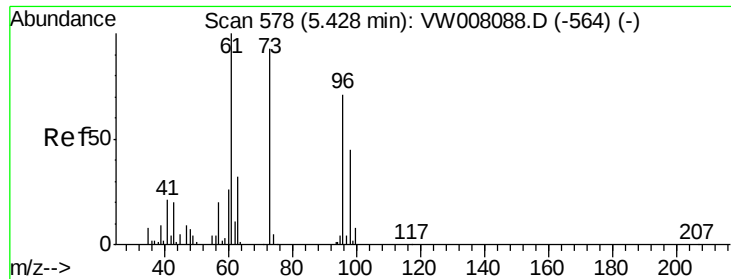
Tgt Ion: 76 Resp: 46943
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 23.824 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion: 43 Resp: 11828
Ion Ratio Lower Upper
43 100
74 22.1 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 21.811 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

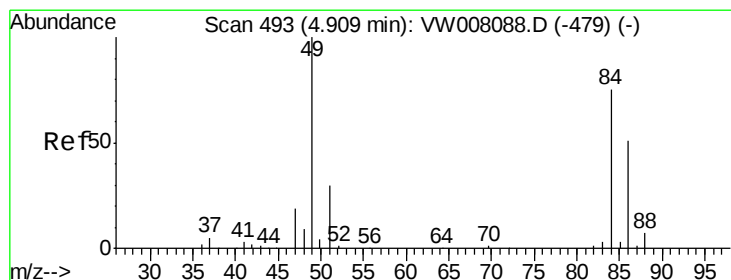
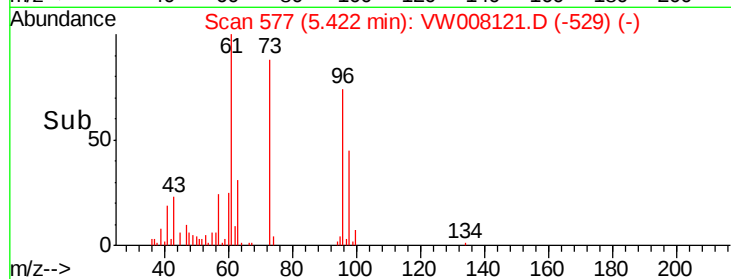
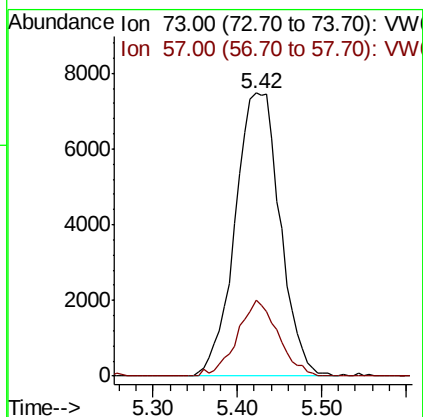
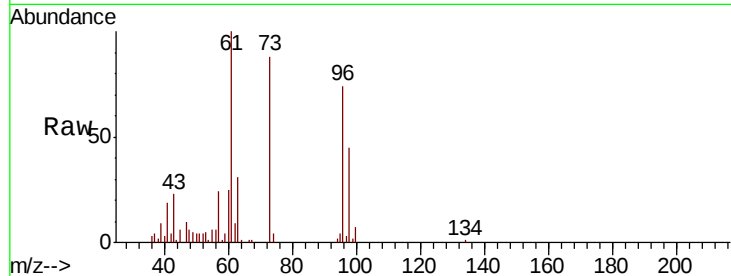
VW0109SBS02

Tgt Ion: 73 Resp: 27139

Ion Ratio Lower Upper

73 100

57 27.1 16.7 25.1#



#20

Methylene Chloride

Concen: 35.652 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Tgt Ion: 84 Resp: 28640

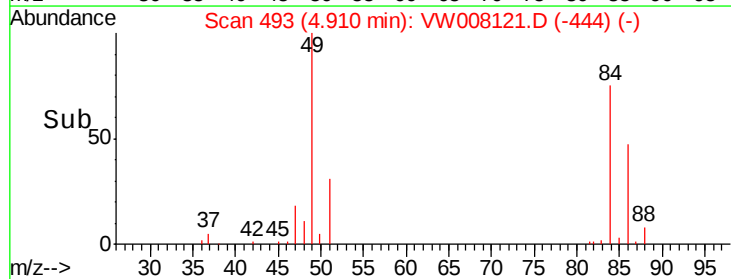
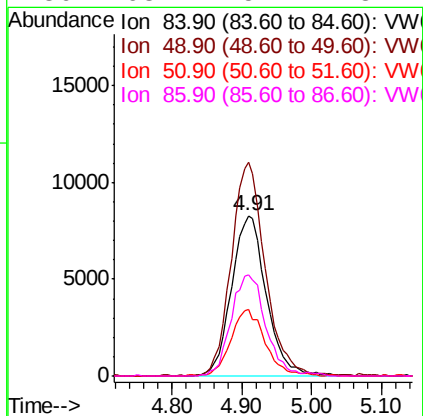
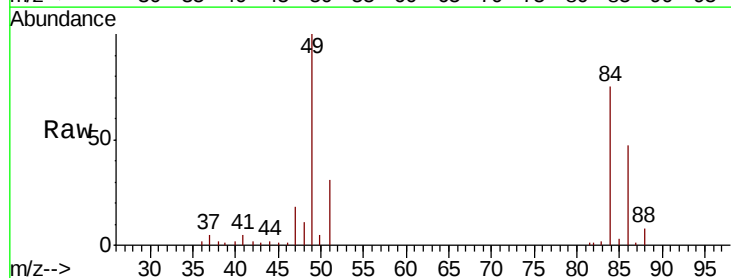
Ion Ratio Lower Upper

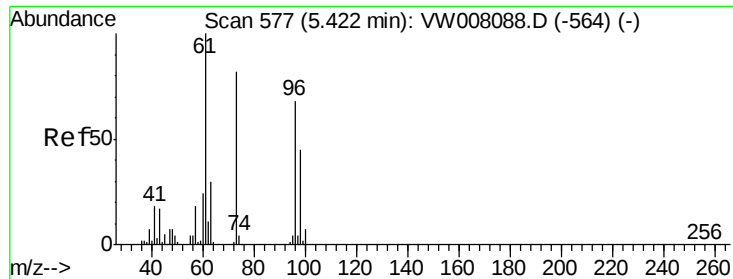
84 100

49 133.5 107.1 160.7

51 41.8 32.4 48.6

86 63.2 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 21.072 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

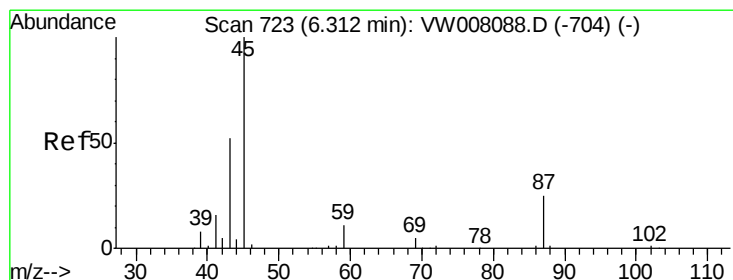
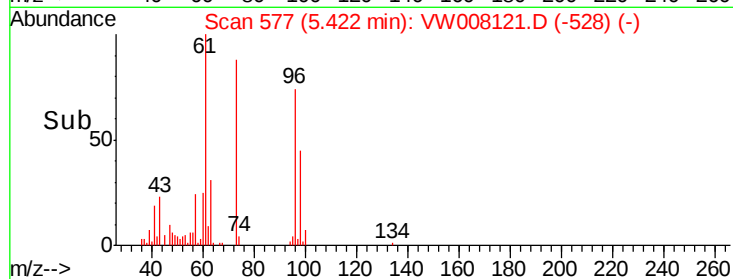
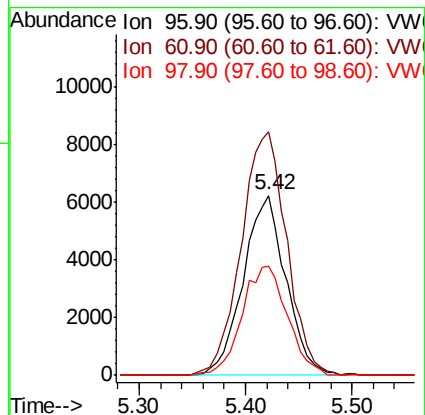
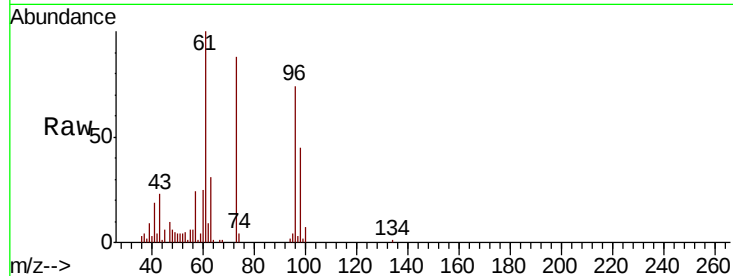
Tgt Ion: 96 Resp: 17527

Ion Ratio Lower Upper

96 100

61 135.3 117.4 176.0

98 60.8 52.2 78.4



#22

Diisopropyl ether

Concen: 21.964 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Tgt Ion: 45 Resp: 58210

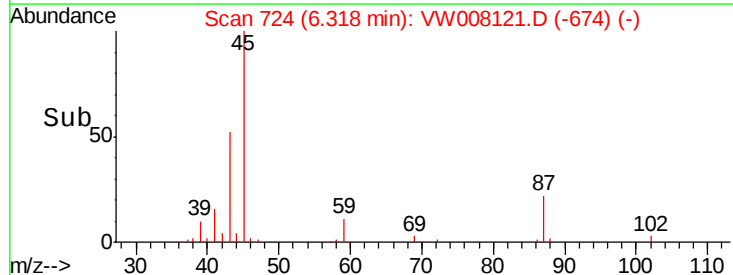
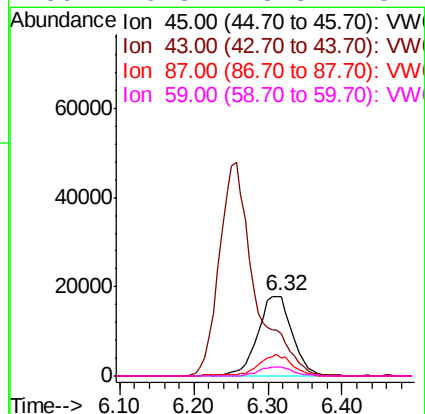
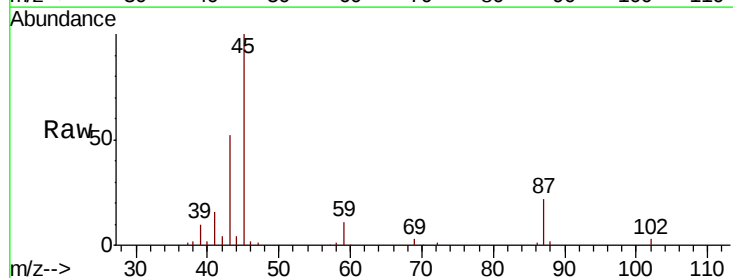
Ion Ratio Lower Upper

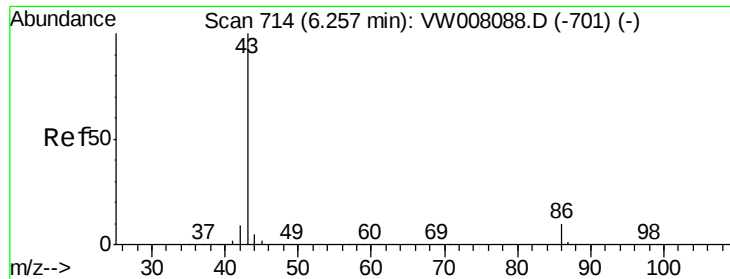
45 100

43 51.1 41.7 62.5

87 22.3 20.1 30.1

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 114.497 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

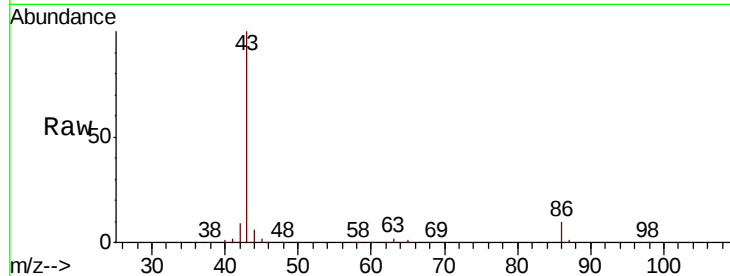
VW0109SBS02

Tgt Ion: 43 Resp: 159370

Ion Ratio Lower Upper

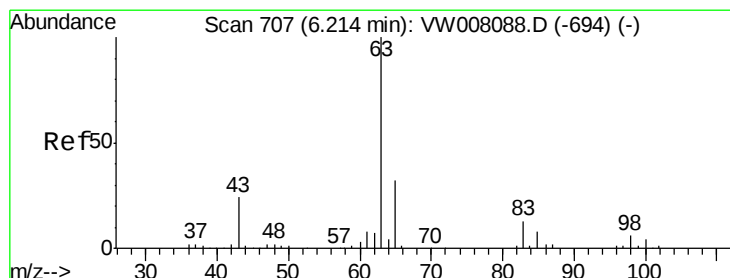
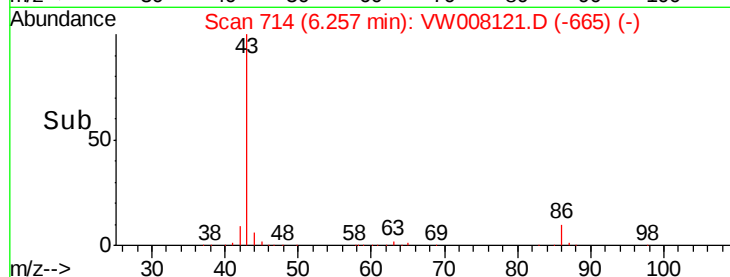
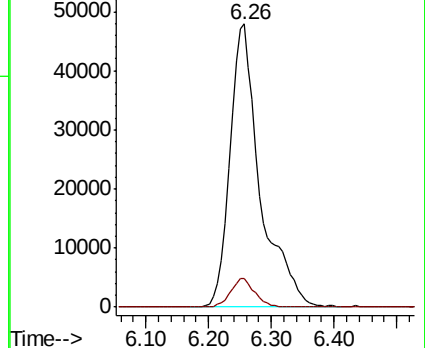
43 100

86 10.0 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.445 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

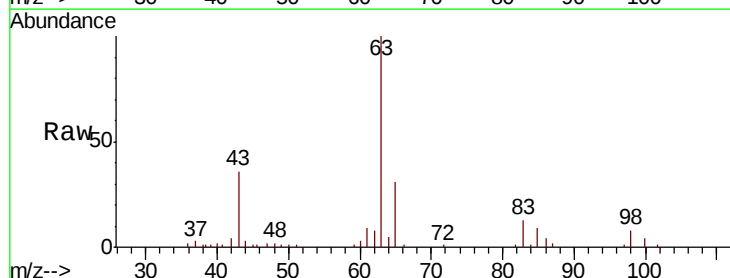
Tgt Ion: 63 Resp: 33115

Ion Ratio Lower Upper

63 100

98 7.9 3.2 9.6

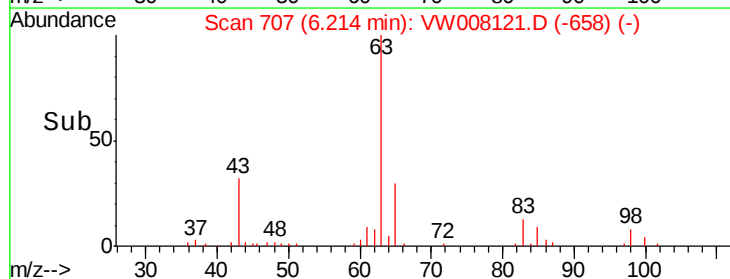
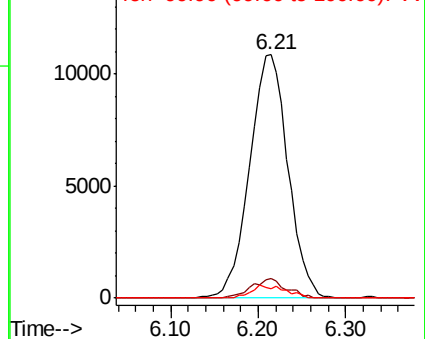
100 4.0 2.0 6.0

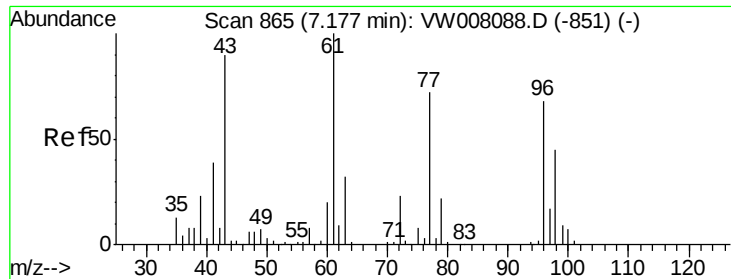


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 110.869 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

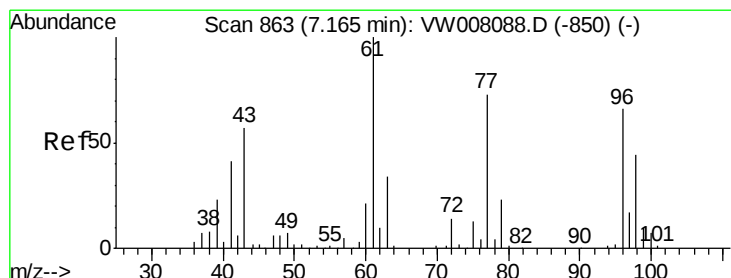
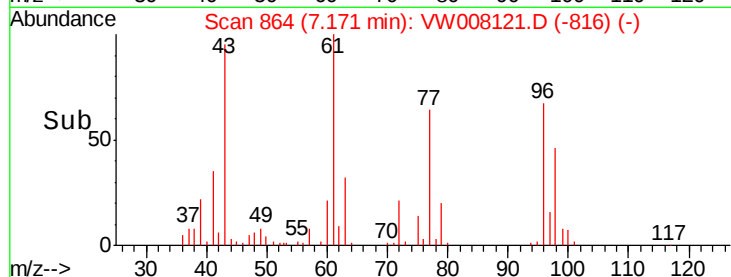
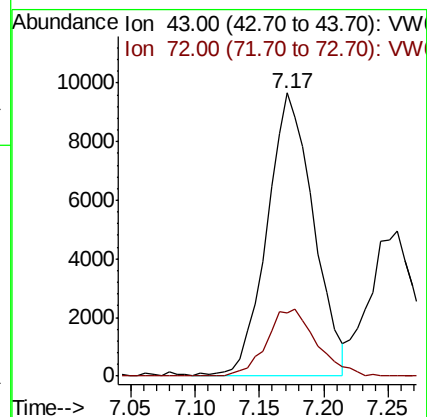
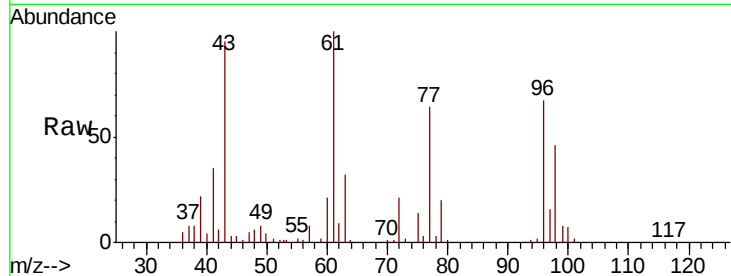
VW0109SBS02

Tgt Ion: 43 Resp: 24231

Ion Ratio Lower Upper

43 100

72 22.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.058 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008121.D

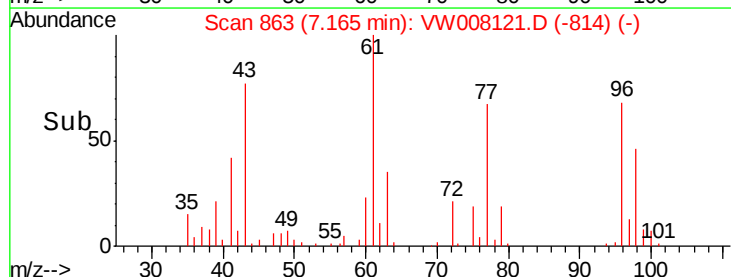
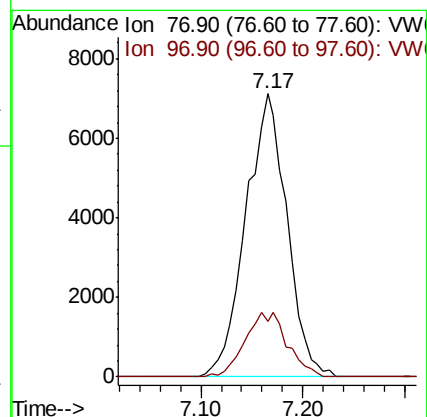
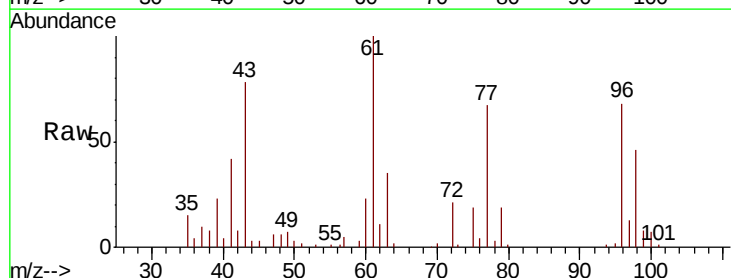
Acq: 10 Jan 2019 00:59

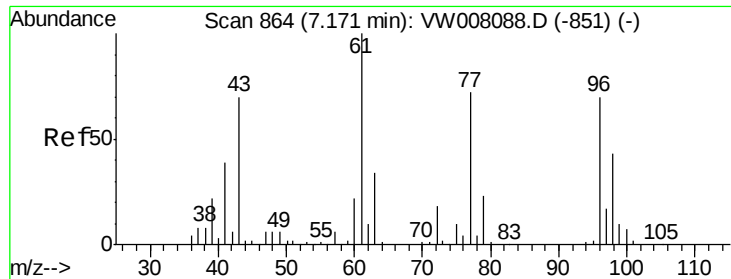
Tgt Ion: 77 Resp: 19940

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.131 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampled :

VW0109SBS02

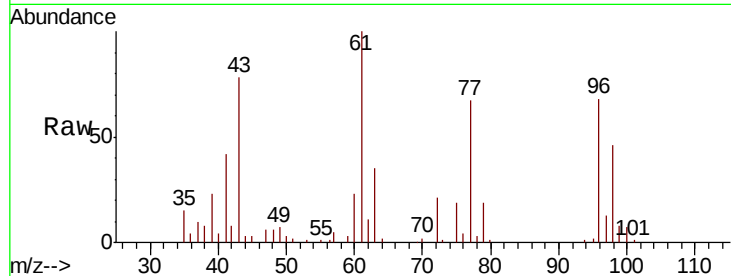
Tgt Ion: 96 Resp: 19176

Ion Ratio Lower Upper

96 100

61 147.7 0.0 300.4

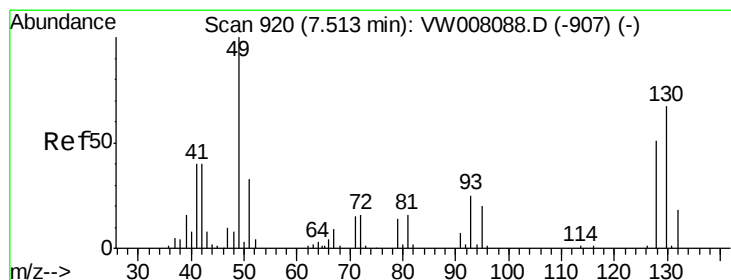
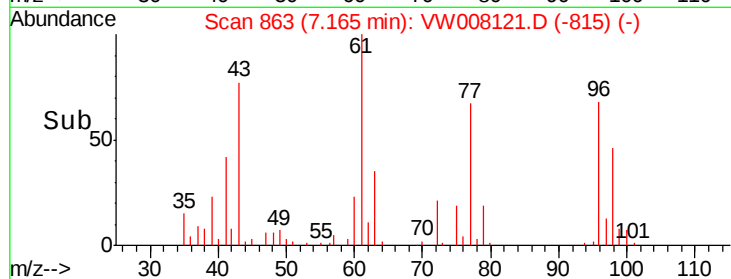
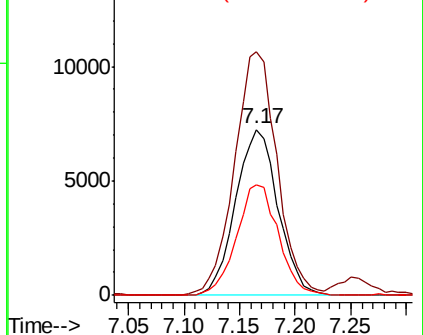
98 65.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 22.635 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

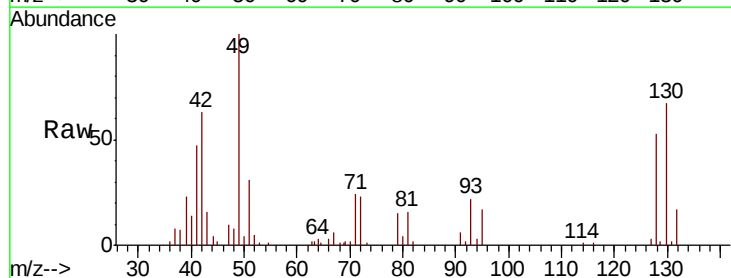
Tgt Ion: 49 Resp: 13825

Ion Ratio Lower Upper

49 100

129 0.7 0.0 2.8

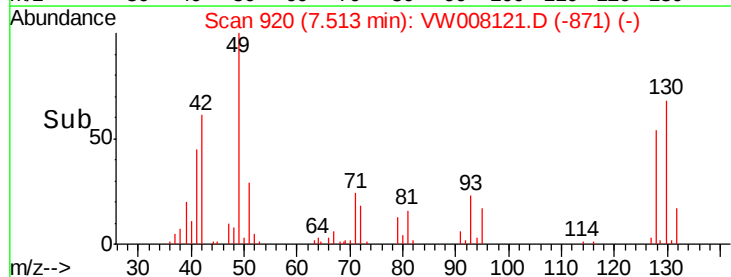
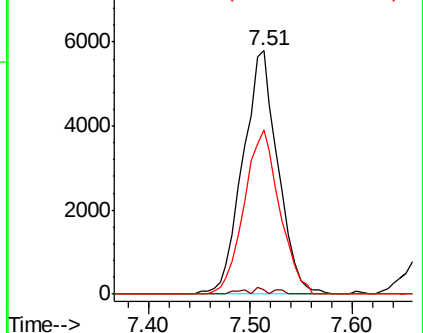
130 68.4 54.3 81.5

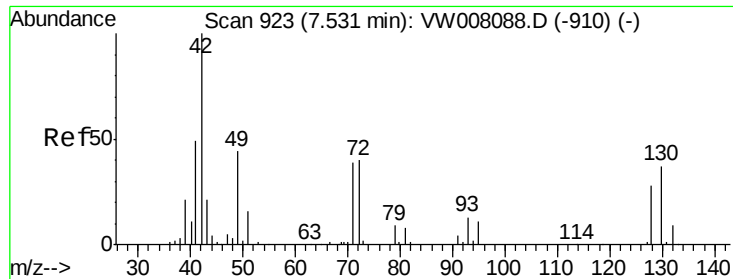


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

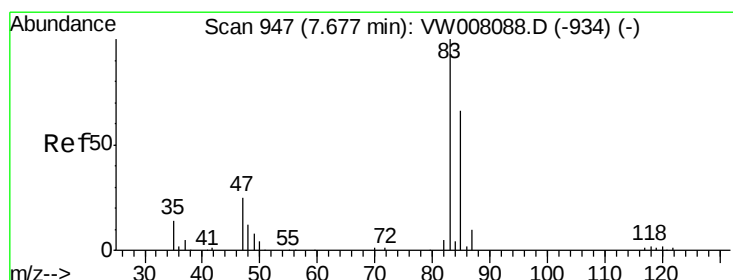
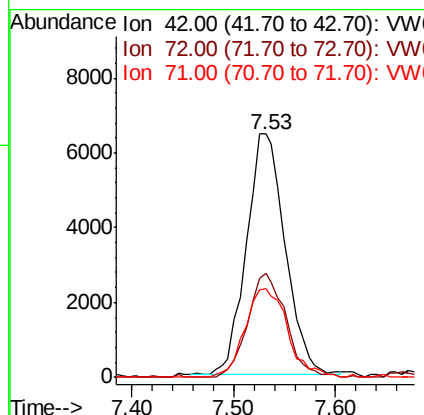
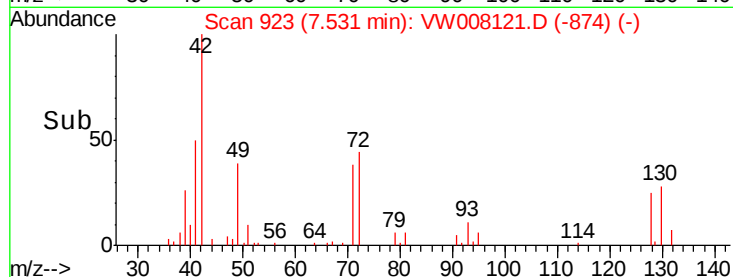
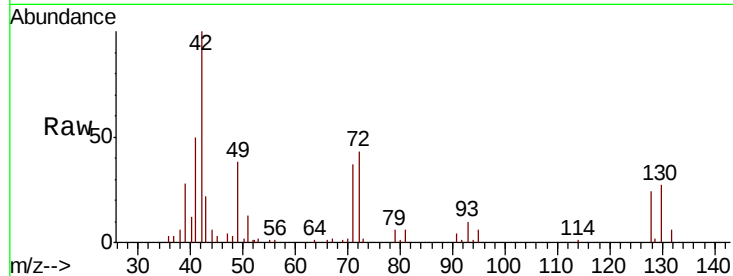




#29
Tetrahydrofuran
Concen: 117.294 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

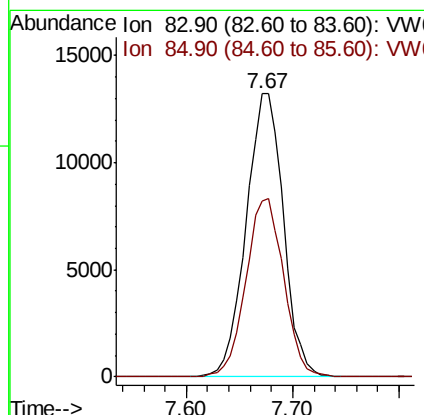
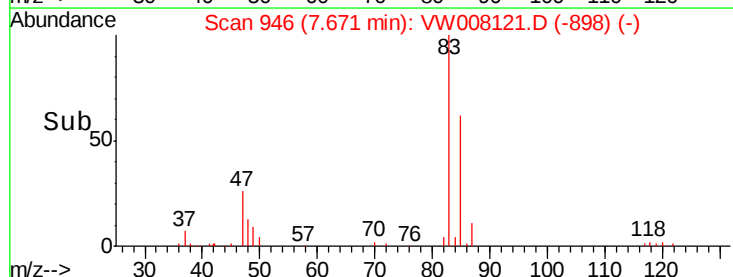
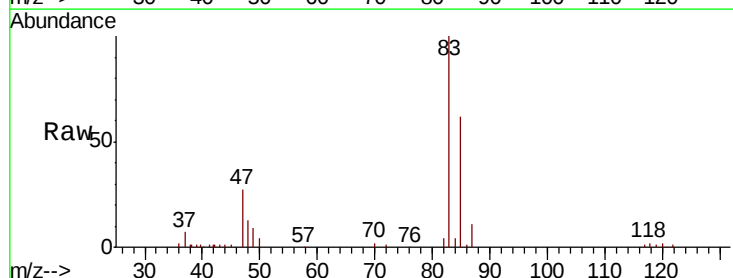
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

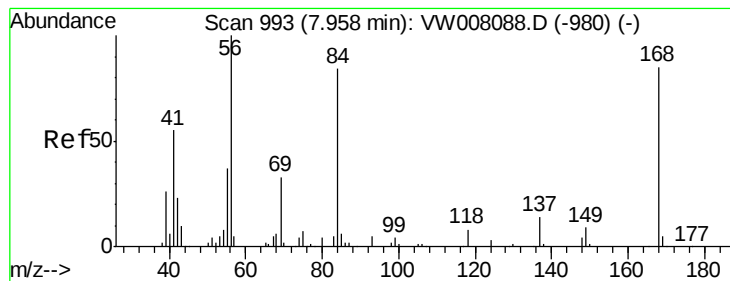
Tgt Ion: 42 Resp: 17124
Ion Ratio Lower Upper
42 100
72 42.2 32.4 48.6
71 40.1 31.3 46.9



#30
Chloroform
Concen: 22.125 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion: 83 Resp: 32520
Ion Ratio Lower Upper
83 100
85 62.1 53.2 79.8





#31

Cyclohexane

Concen: 18.646 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

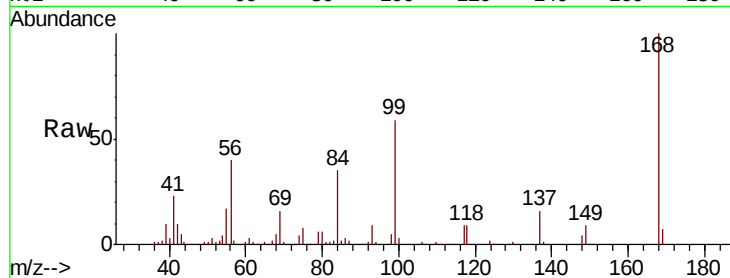
Tgt Ion: 56 Resp: 30823

Ion Ratio Lower Upper

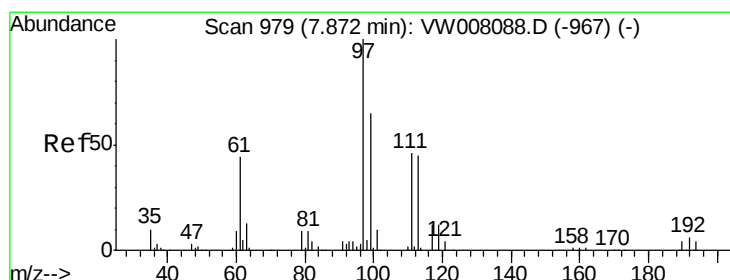
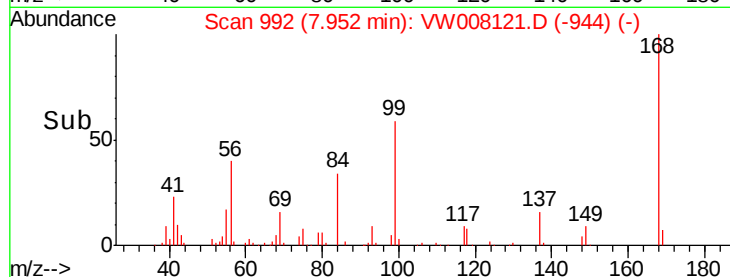
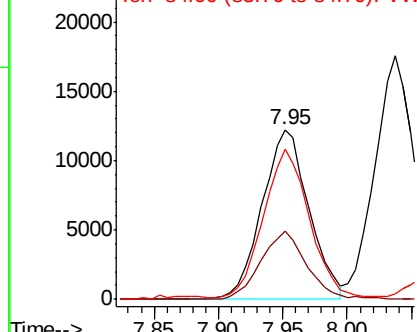
56 100

69 40.0 26.2 39.4#

84 87.0 67.4 101.2



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: 20.189 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

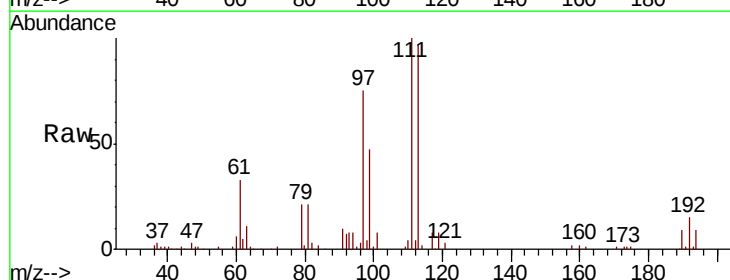
Tgt Ion: 97 Resp: 25821

Ion Ratio Lower Upper

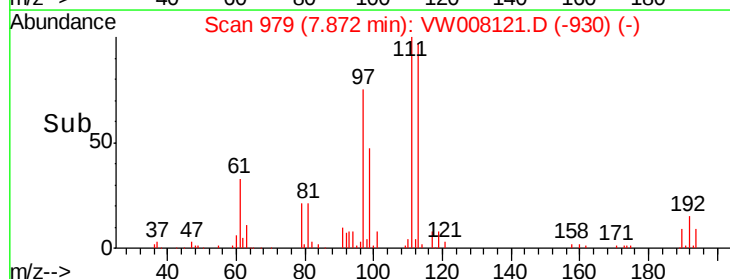
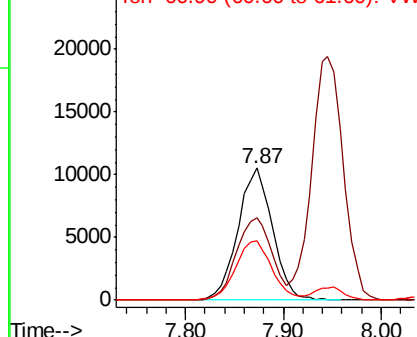
97 100

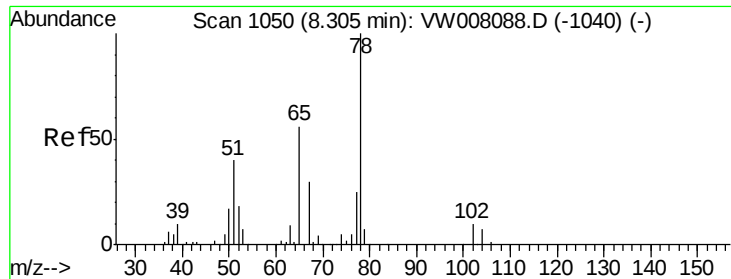
99 64.3 51.4 77.0

61 47.4 35.6 53.4



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

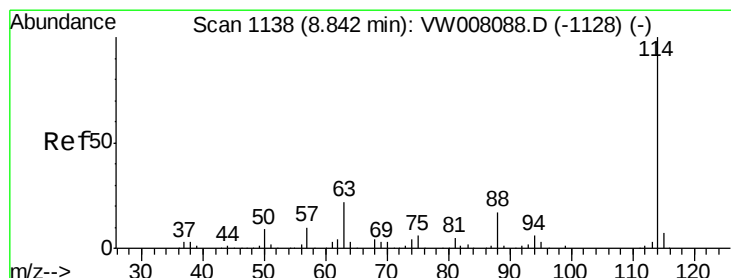
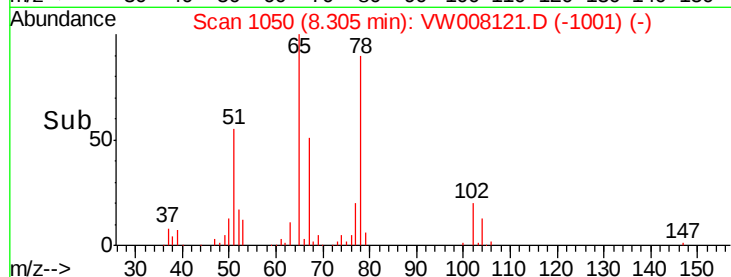
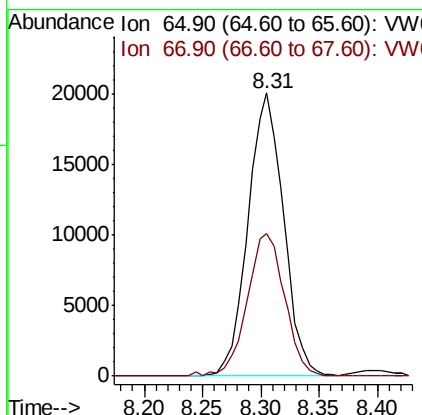
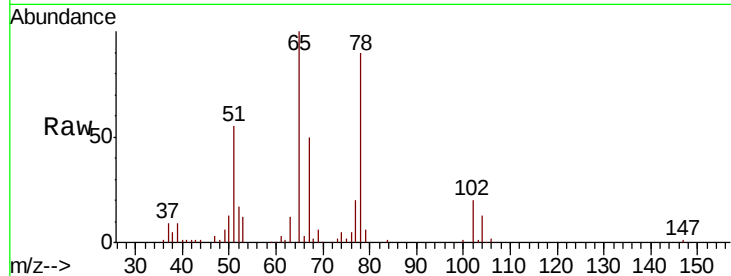




#33
 1,2-Dichloroethane-d4
 Concen: 54.478 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

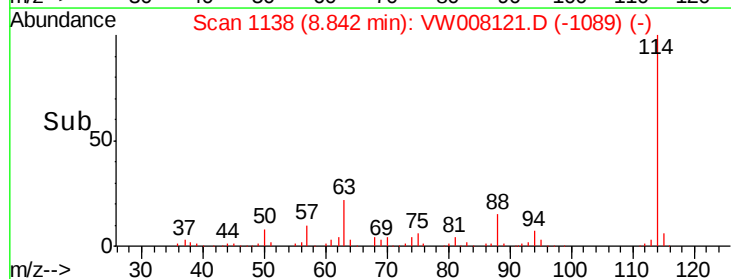
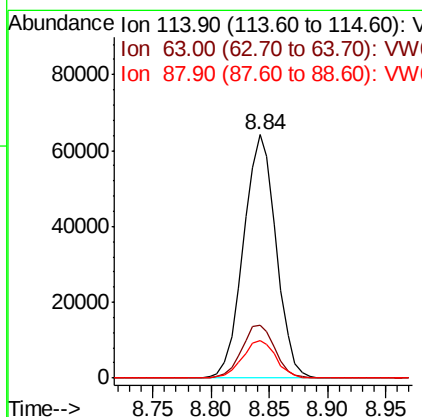
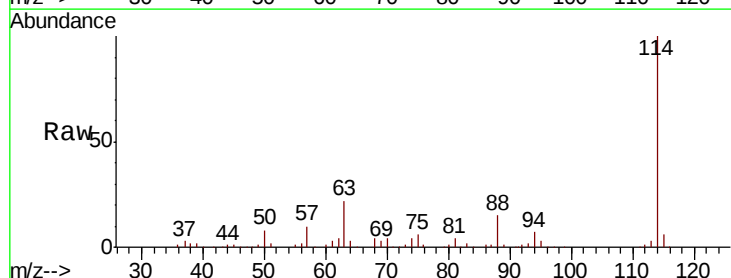
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

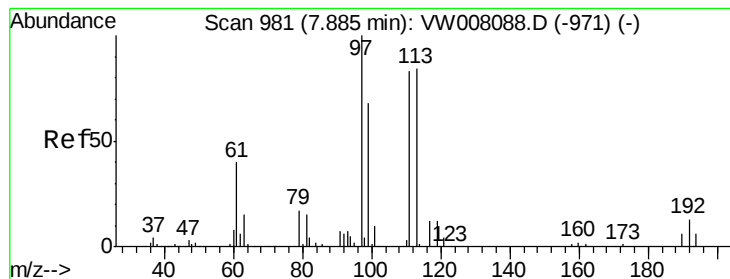
Tgt Ion: 65 Resp: 42793
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion: 114 Resp: 125246
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.550 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

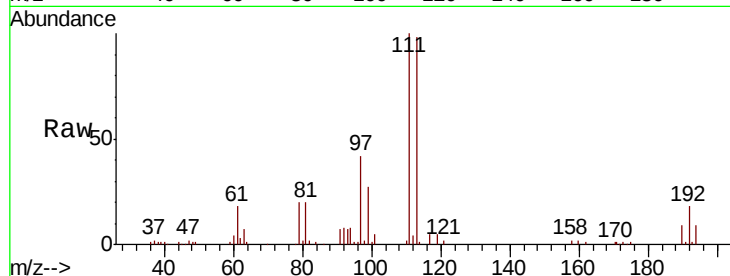
Tgt Ion:113 Resp: 39848

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

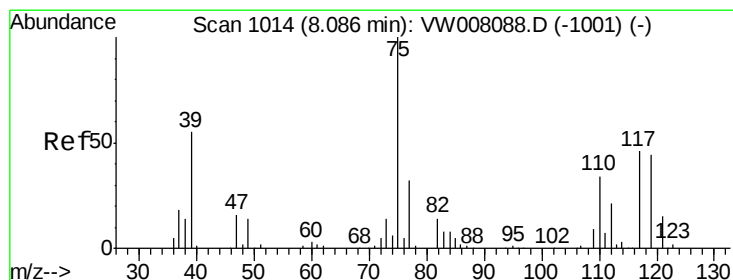
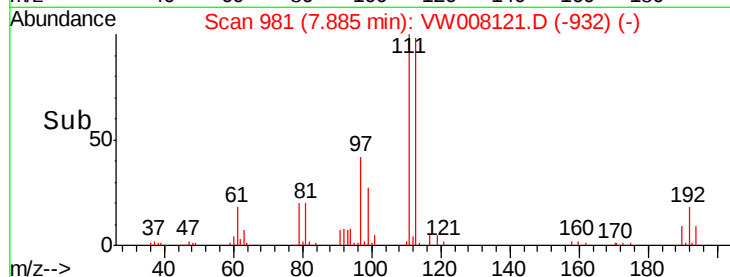
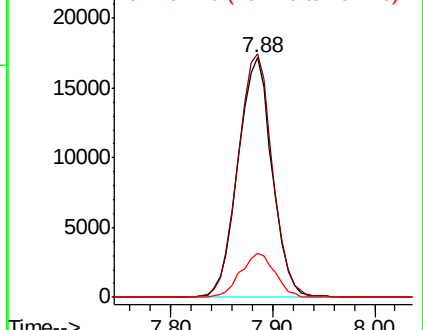
192 18.6 12.8 19.2



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: 19.931 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

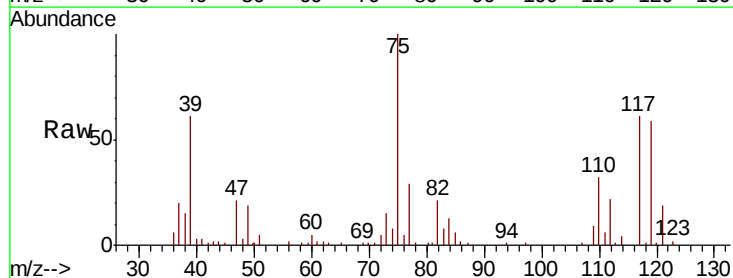
Tgt Ion: 75 Resp: 25714

Ion Ratio Lower Upper

75 100

110 33.6 17.1 51.3

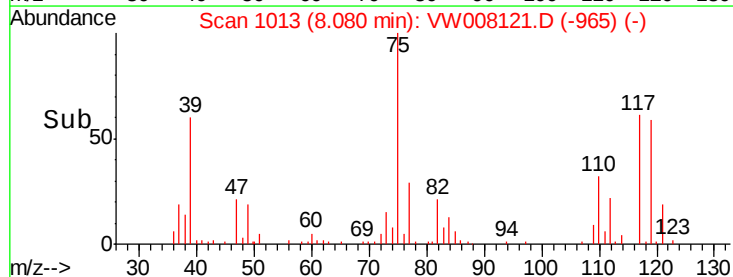
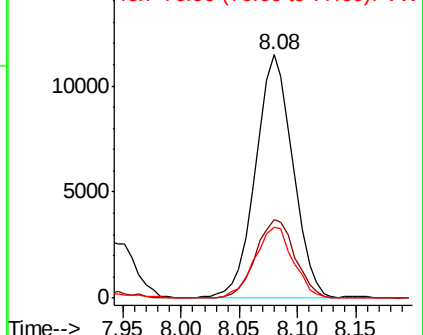
77 29.9 25.5 38.3

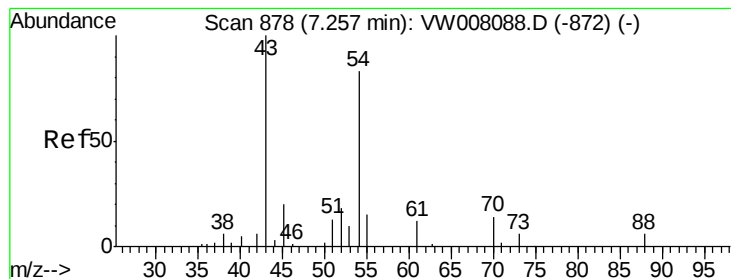


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 24.569 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

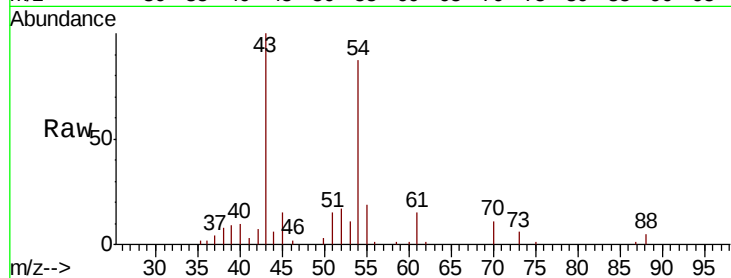
Tgt Ion: 43 Resp: 12699

Ion Ratio Lower Upper

43 100

61 14.0 10.6 16.0

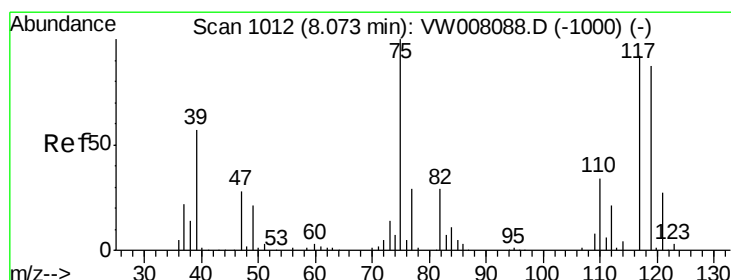
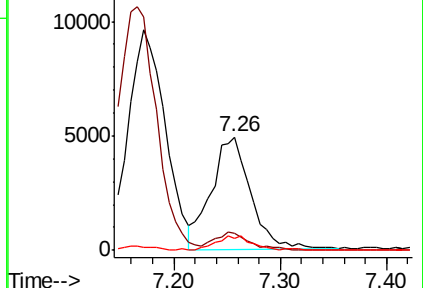
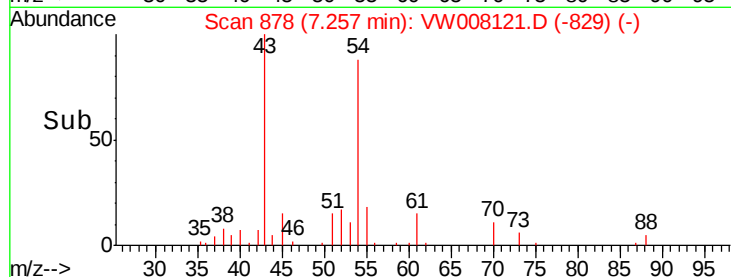
70 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 20.200 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

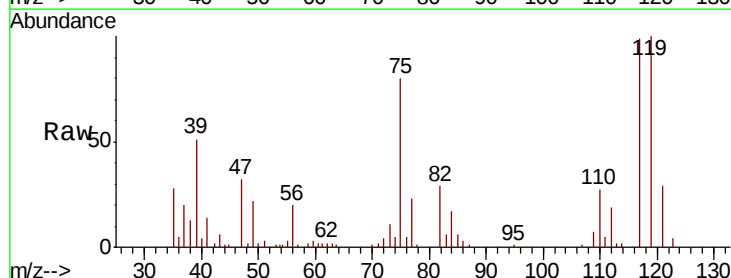
Tgt Ion: 117 Resp: 23853

Ion Ratio Lower Upper

117 100

119 100.9 75.8 113.8

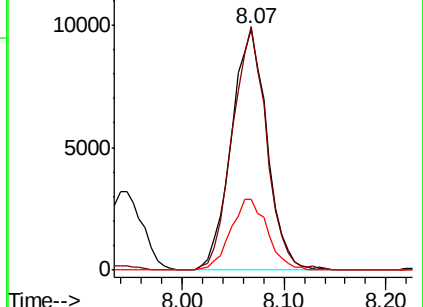
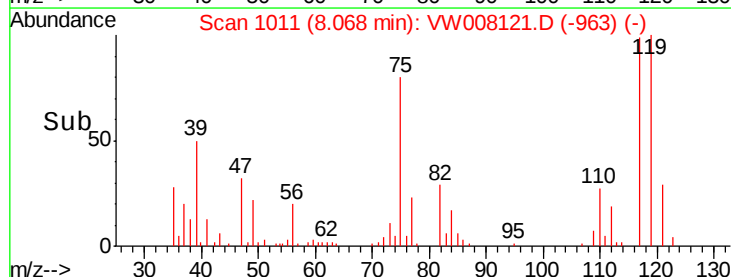
121 29.3 23.7 35.5

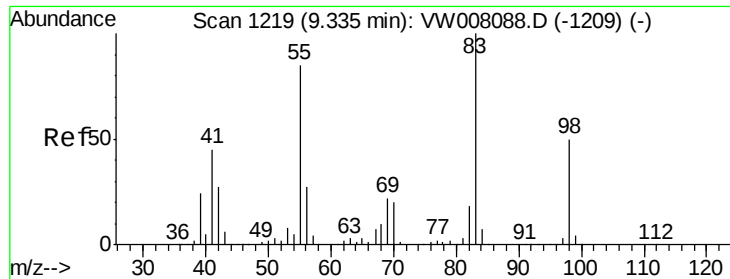


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

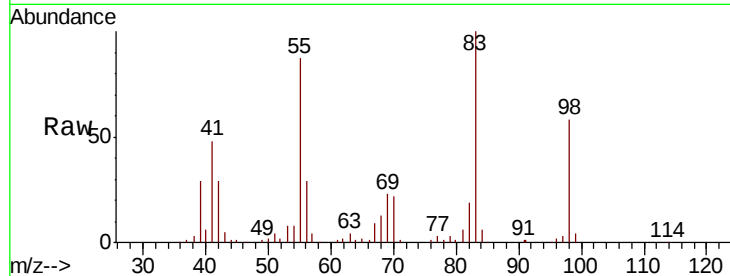




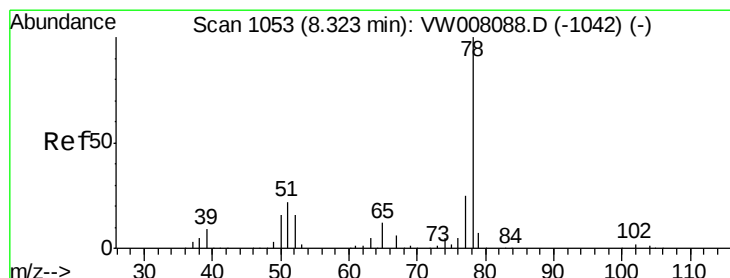
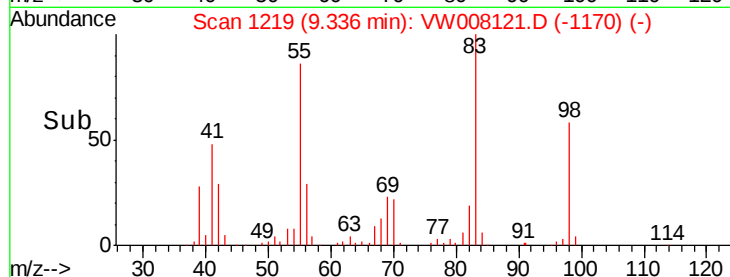
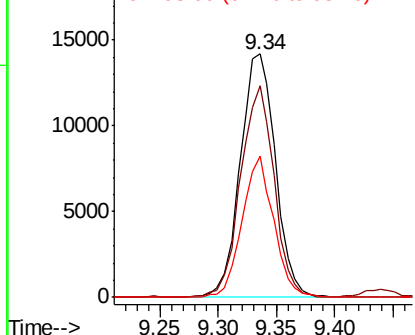
#39
Methylcyclohexane
Concen: 18.289 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tgt Ion: 83 Resp: 29919
Ion Ratio Lower Upper
83 100
55 86.9 67.8 101.6
98 57.8 40.2 60.4

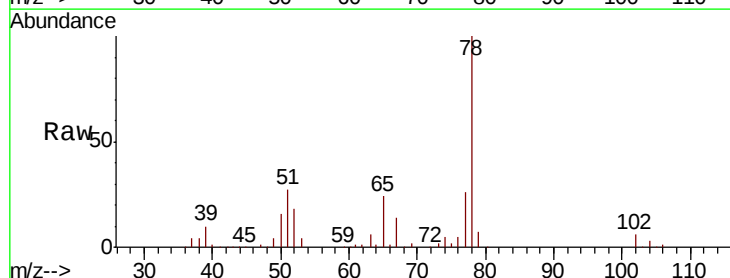


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

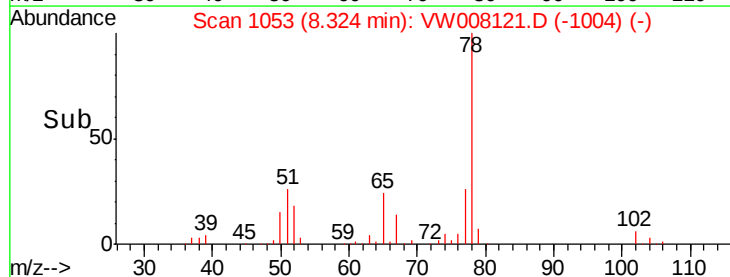
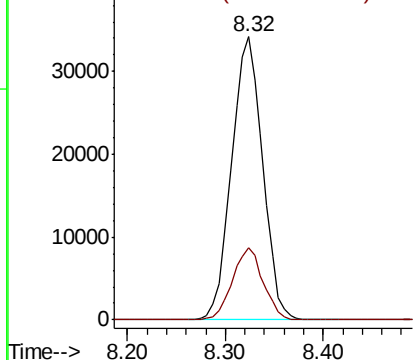


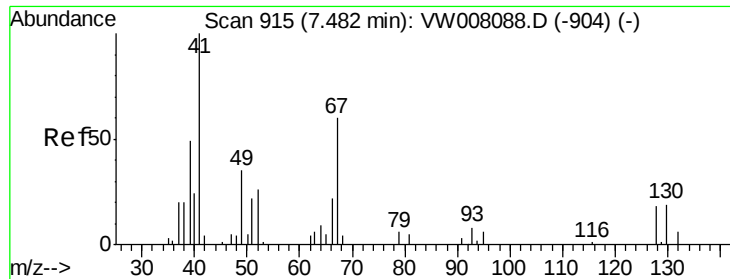
#40
Benzene
Concen: 21.436 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion: 78 Resp: 75011
Ion Ratio Lower Upper
78 100
77 25.6 20.2 30.4



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 21.571 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

Tgt Ion: 41 Resp: 7043

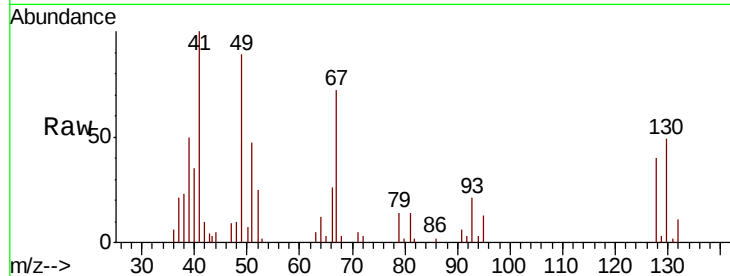
Ion Ratio Lower Upper

41 100

39 58.1 47.9 71.9

67 70.6 56.3 84.5

52 30.5 24.5 36.7



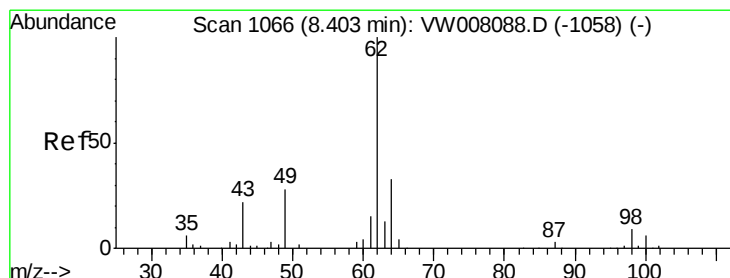
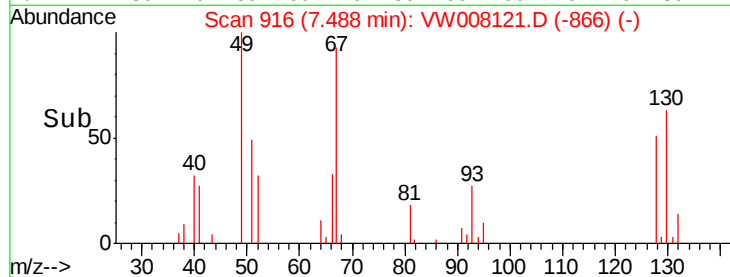
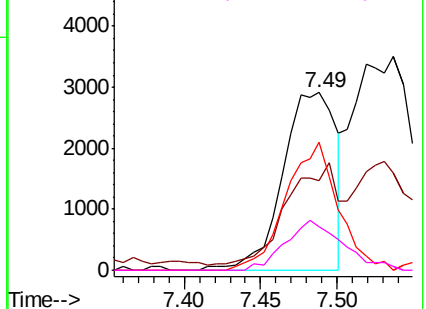
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 21.909 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW008121.D

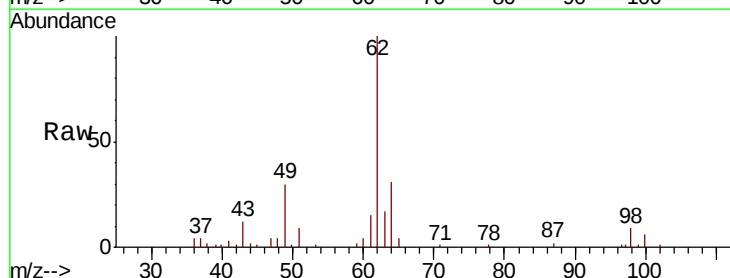
Acq: 10 Jan 2019 00:59

Tgt Ion: 62 Resp: 21563

Ion Ratio Lower Upper

62 100

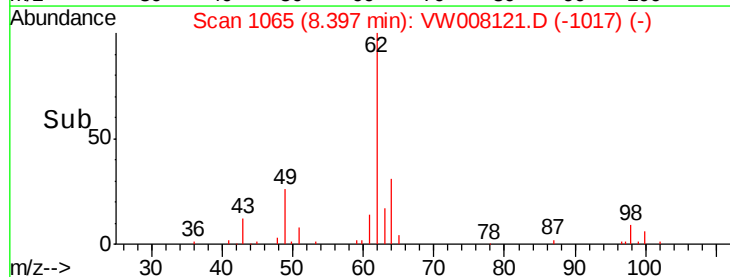
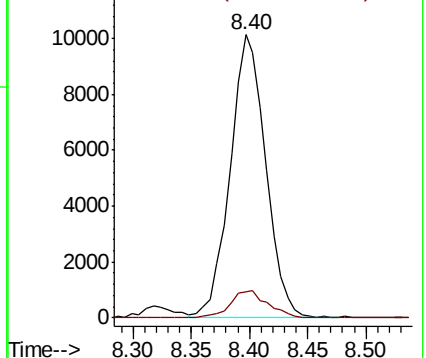
98 10.2 0.0 18.6



Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 23.189 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

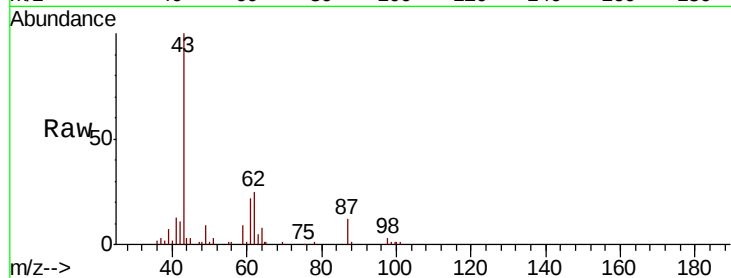
Tgt Ion: 43 Resp: 23964

Ion Ratio Lower Upper

43 100

61 31.3 24.8 37.2

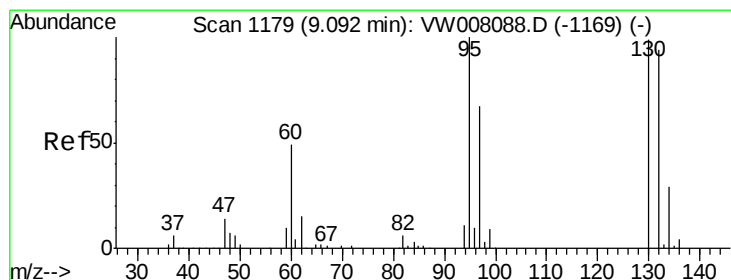
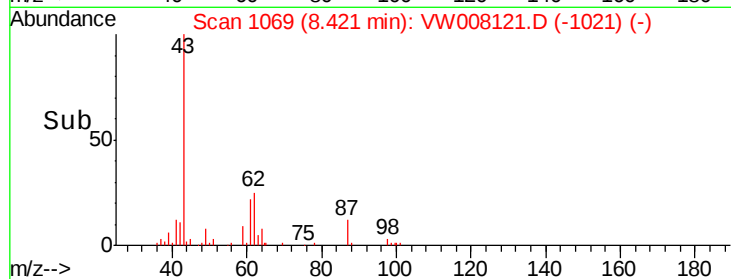
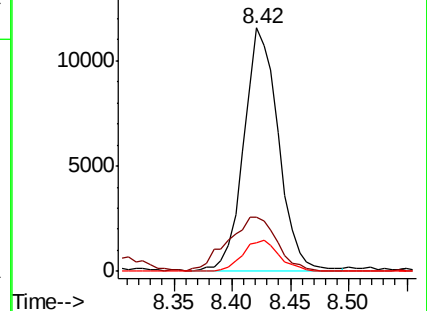
87 13.3 10.4 15.6



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: 20.737 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008121.D

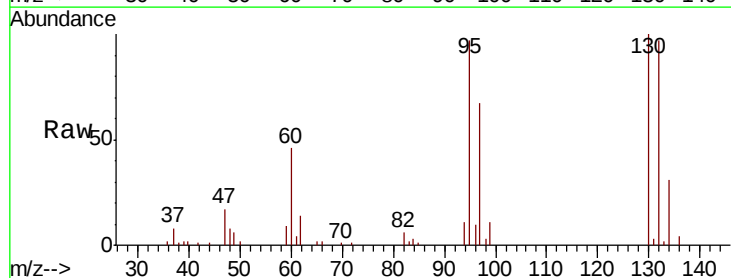
Acq: 10 Jan 2019 00:59

Tgt Ion: 130 Resp: 18576

Ion Ratio Lower Upper

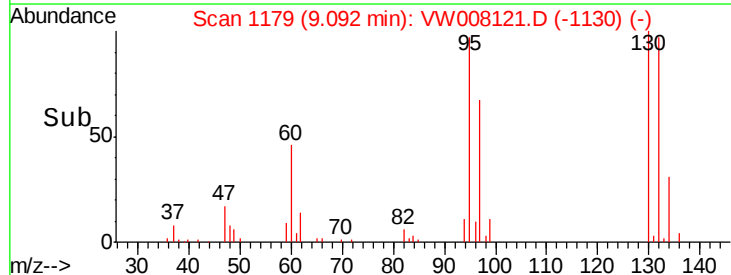
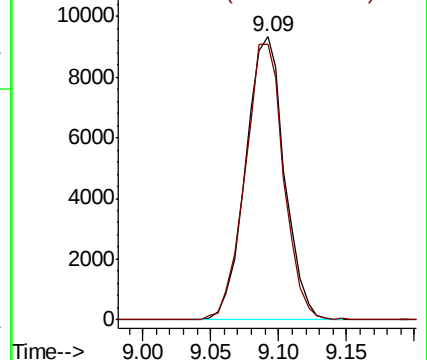
130 100

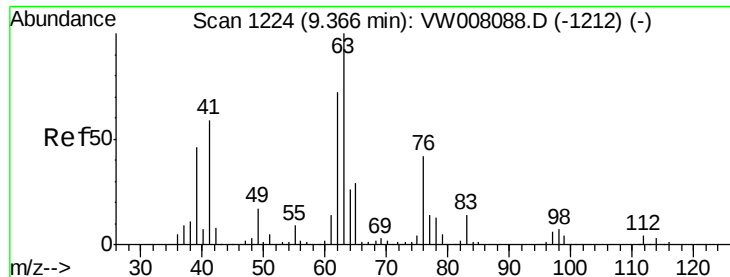
95 97.4 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

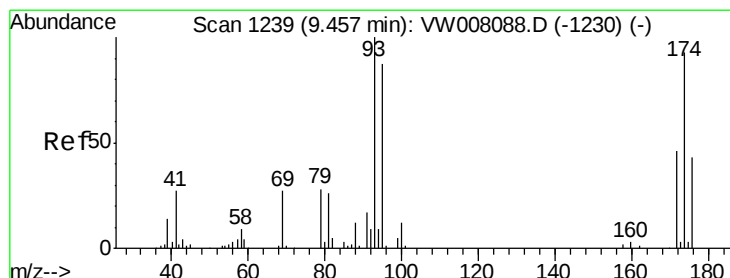
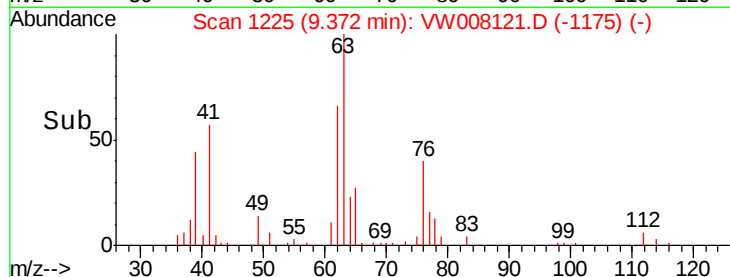
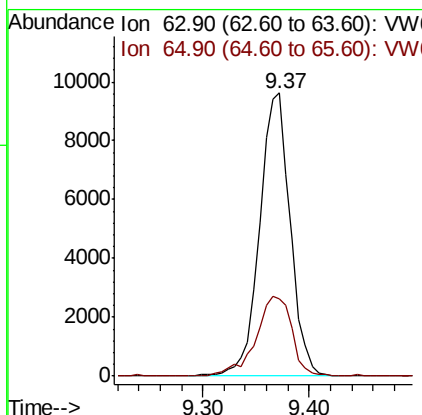
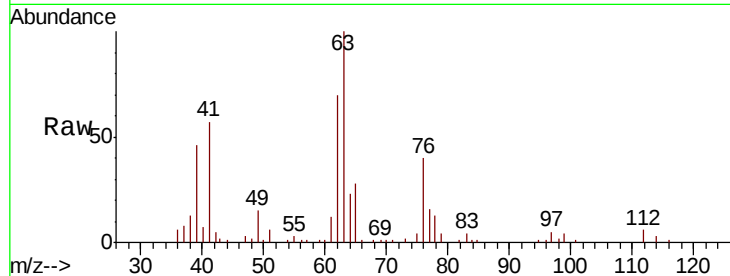




#45
 1,2-Dichloropropane
 Concen: 22.316 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

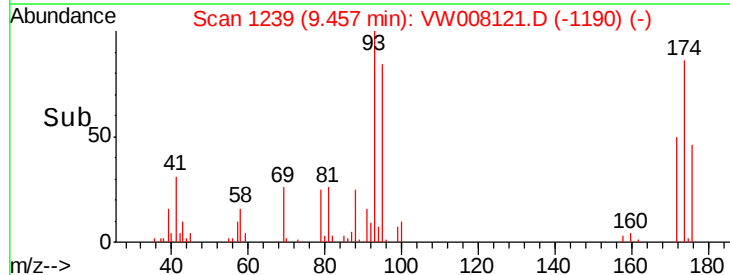
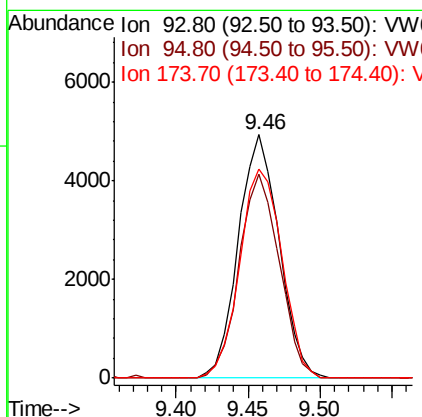
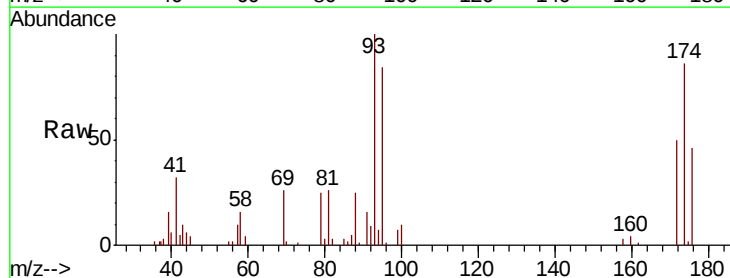
Instrument :
 MSVOA_W
 ClientSampled :
 VW0109SBS02

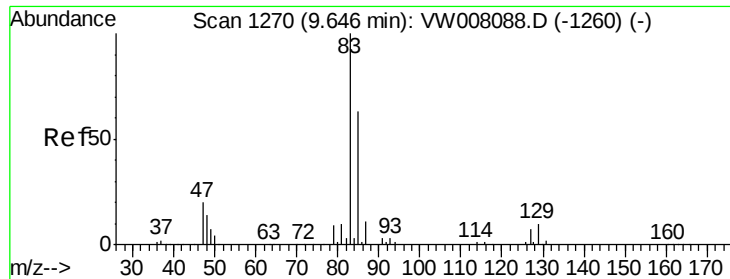
Tgt Ion: 63 Resp: 19363
 Ion Ratio Lower Upper
 63 100
 65 27.5 23.3 34.9



#46
 Dibromomethane
 Concen: 22.674 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion: 93 Resp: 9662
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.5 101.3
 174 89.2 72.5 108.7

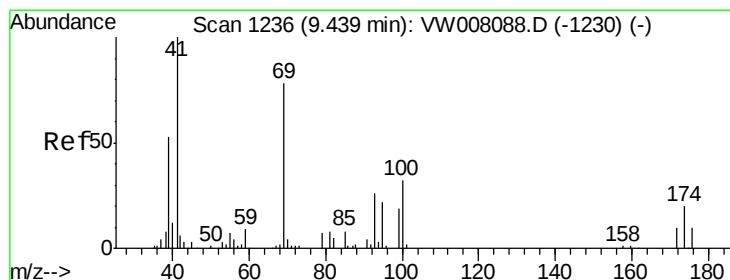
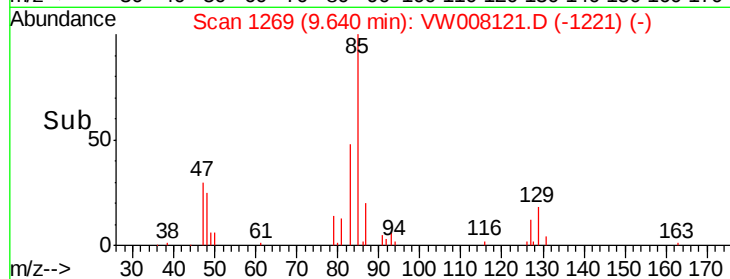
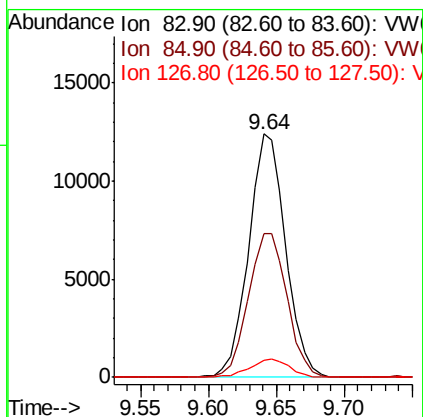
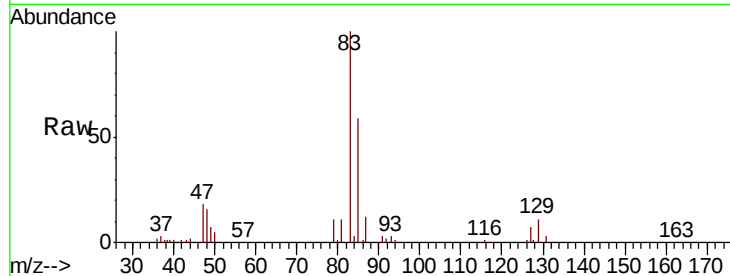




#47
Bromodichloromethane
Concen: 21.780 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

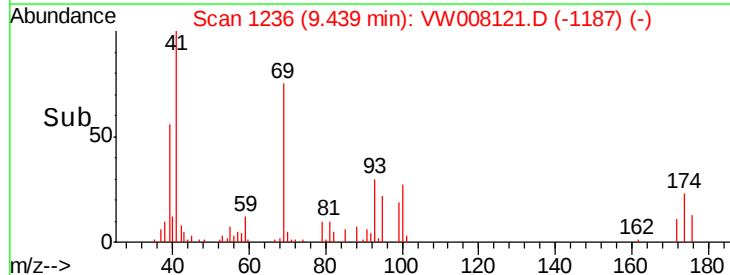
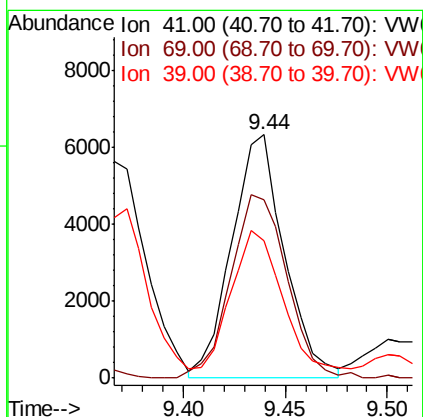
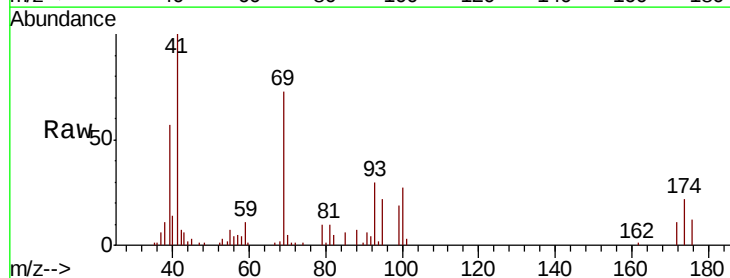
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

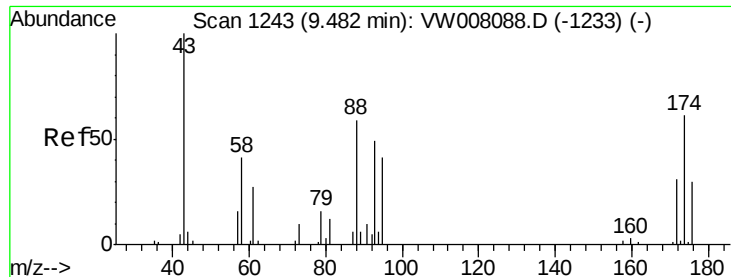
Tgt Ion: 83 Resp: 23566
Ion Ratio Lower Upper
83 100
85 59.3 50.7 76.1
127 7.1 6.0 9.0



#48
Methyl methacrylate
Concen: 23.382 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion: 41 Resp: 11402
Ion Ratio Lower Upper
41 100
69 80.4 61.9 92.9
39 54.0 43.0 64.4





#49

1,4-Dioxane

Concen: 431.067 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.02 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

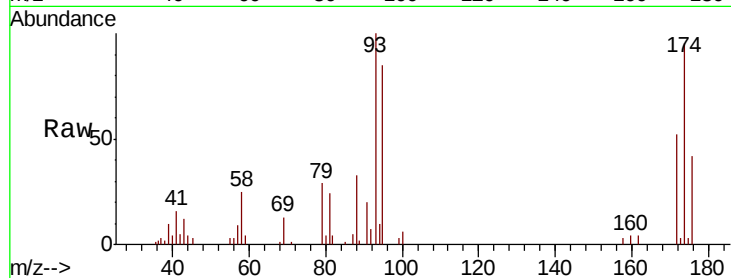
Tgt Ion: 88 Resp: 2954

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

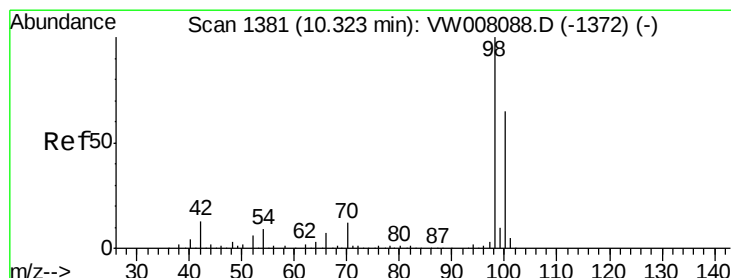
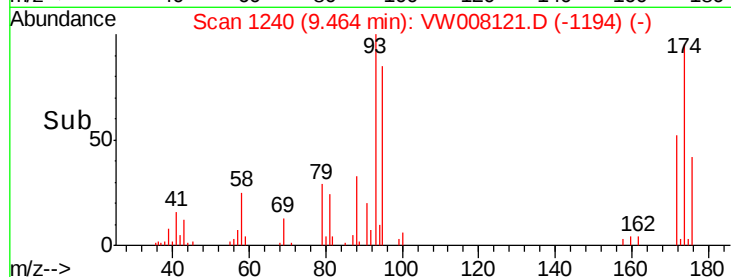
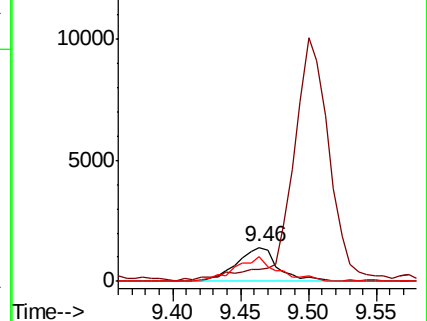
58 75.8 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.167 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008121.D

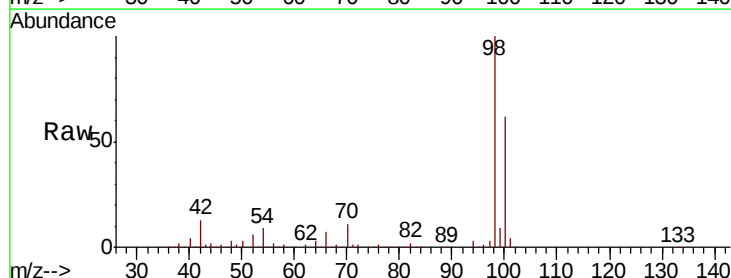
Acq: 10 Jan 2019 00:59

Tgt Ion: 98 Resp: 162979

Ion Ratio Lower Upper

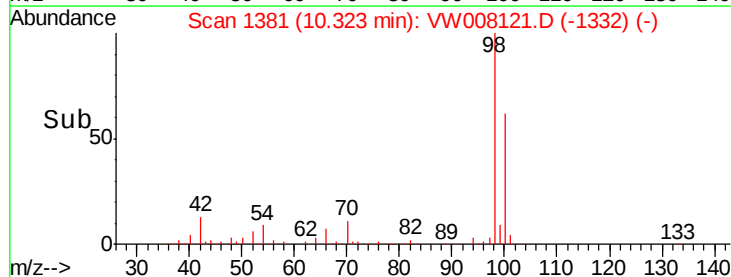
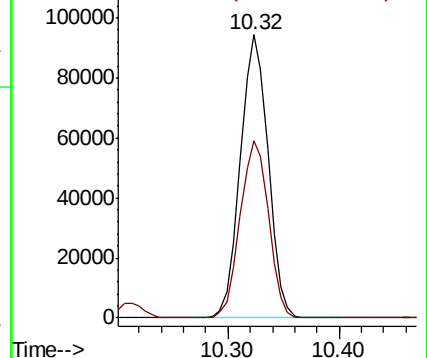
98 100

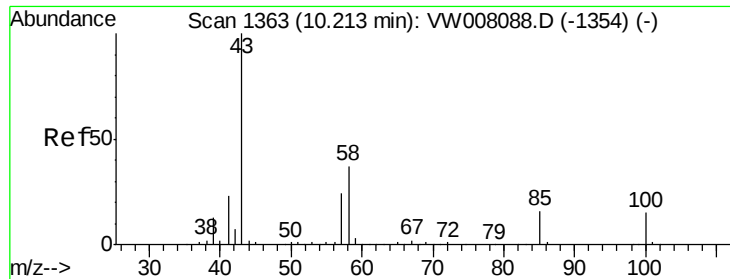
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

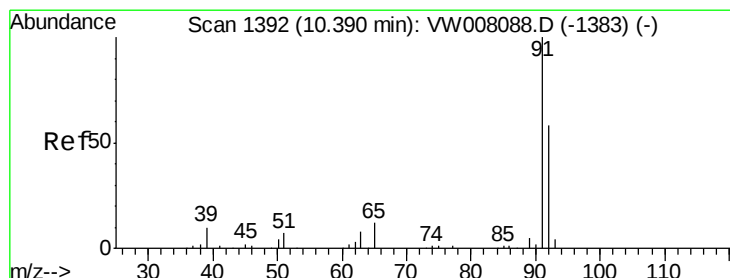
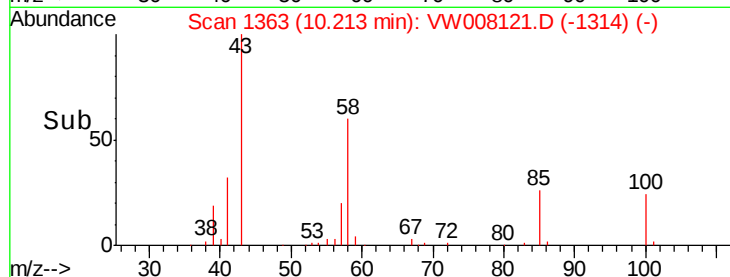
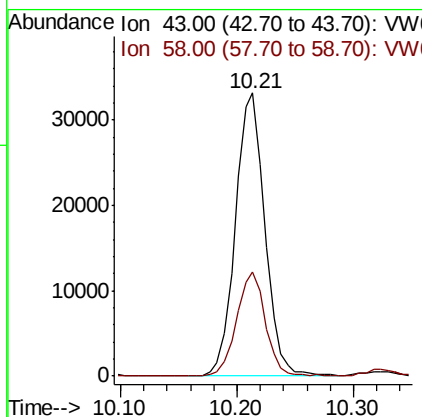
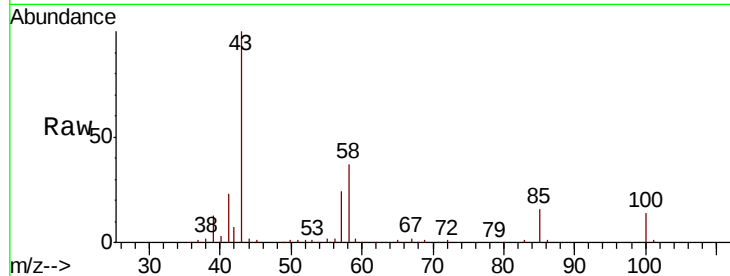




#51
 4-Methyl-2-Pentanone
 Concen: 116.274 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

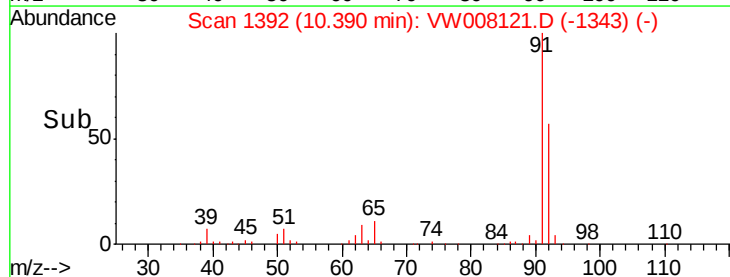
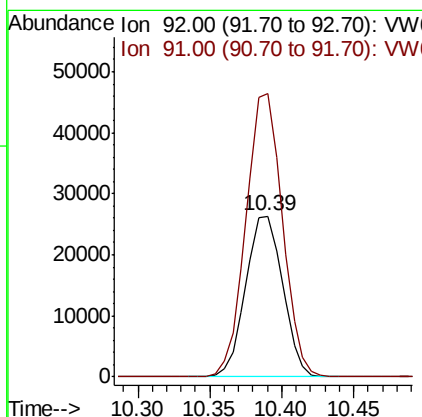
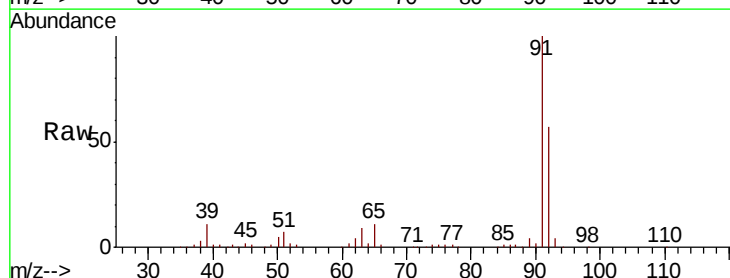
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

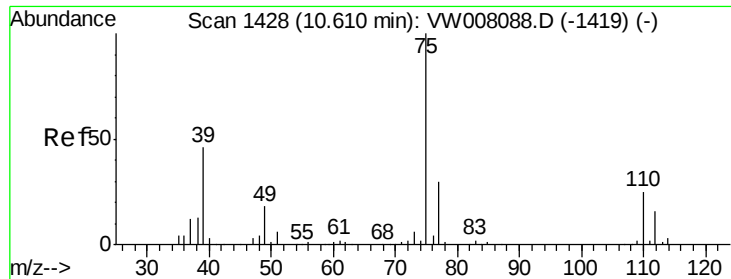
Tgt Ion: 43 Resp: 58165
 Ion Ratio Lower Upper
 43 100
 58 36.4 30.6 46.0



#52
 Toluene
 Concen: 21.041 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion: 92 Resp: 47023
 Ion Ratio Lower Upper
 92 100
 91 173.3 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 20.549 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

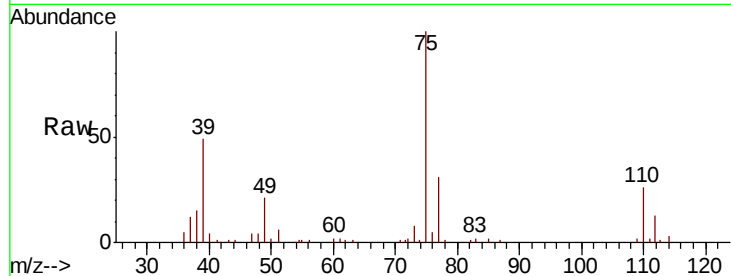
VW0109SBS02

Tgt Ion: 75 Resp: 23127

Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

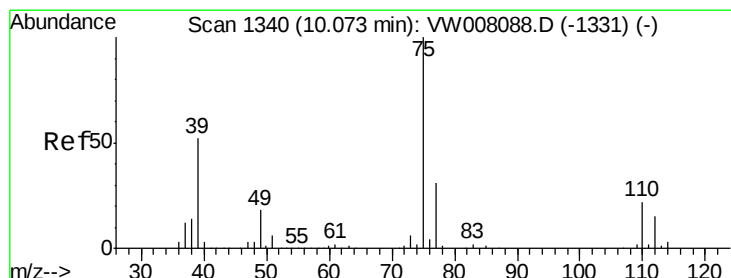
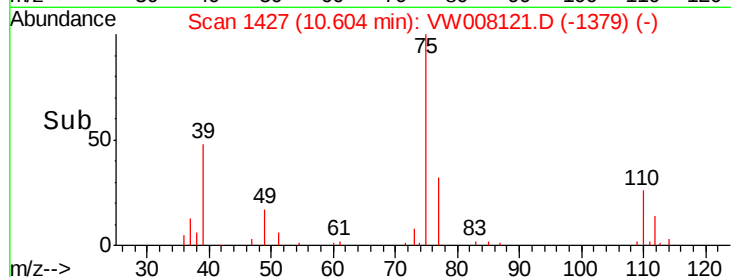
15000

10000

5000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 20.580 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

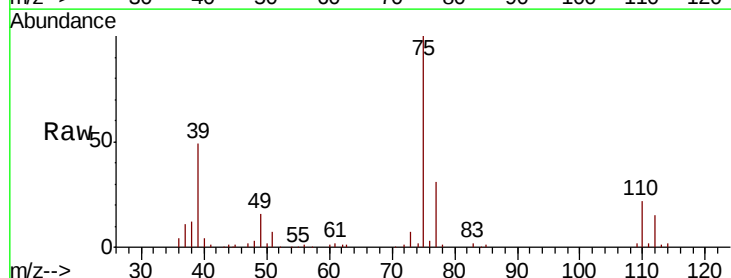
Tgt Ion: 75 Resp: 27466

Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 48.3 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

20000

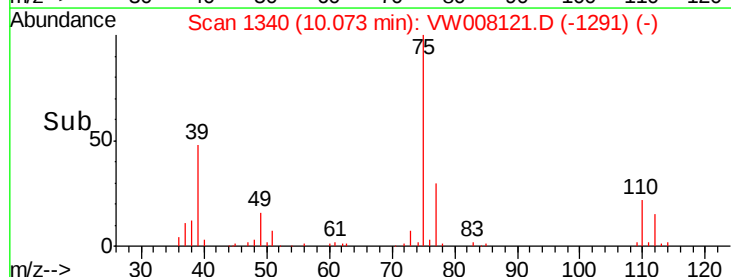
15000

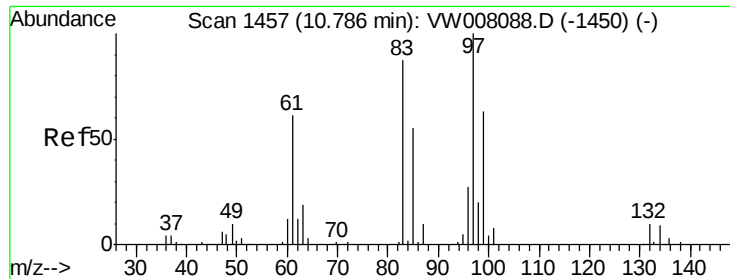
10000

5000

0

Time--> 10.00 10.10

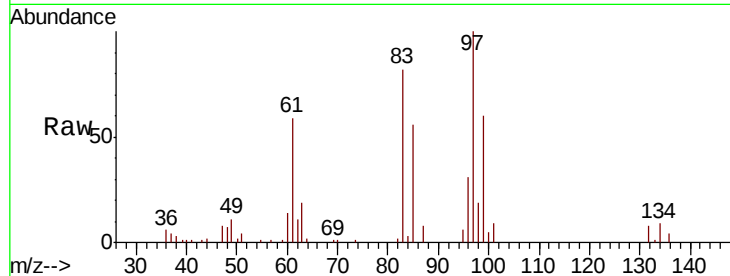




#55
 1,1,2-Trichloroethane
 Concen: 23.005 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tgt Ion:	97	Resp:	13763
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.3	103.9
85	56.2	43.8	65.6
99	59.7	50.0	75.0



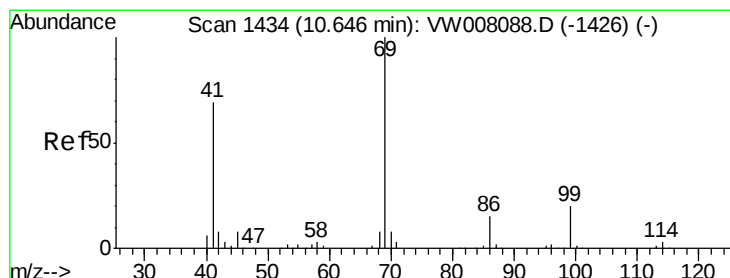
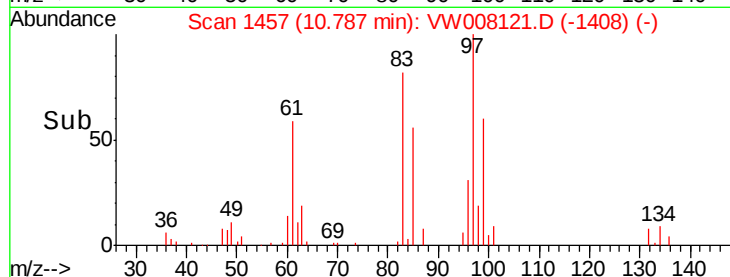
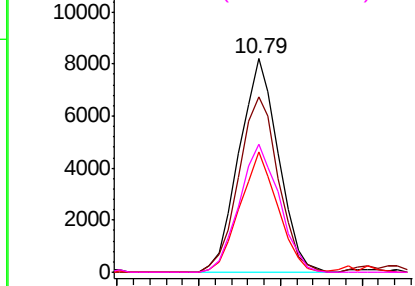
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

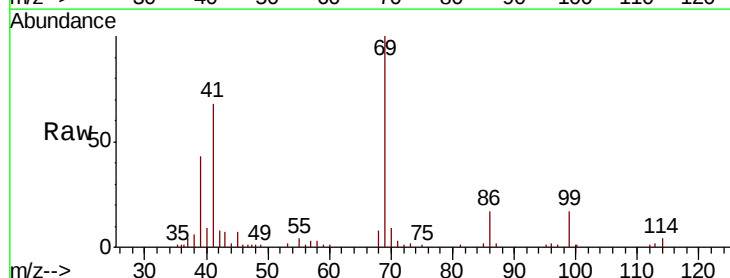
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 22.182 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion:	69	Resp:	16435
Ion	Ratio	Lower	Upper
69	100		
41	74.6	56.4	84.6
39	36.9	28.1	42.1

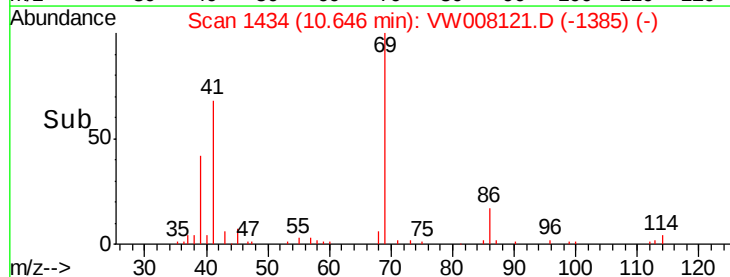
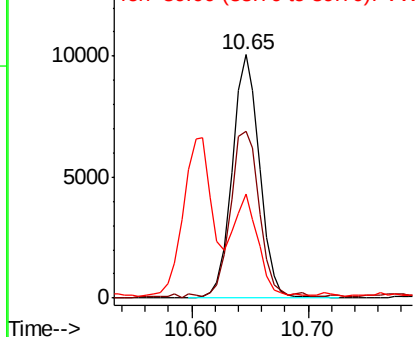


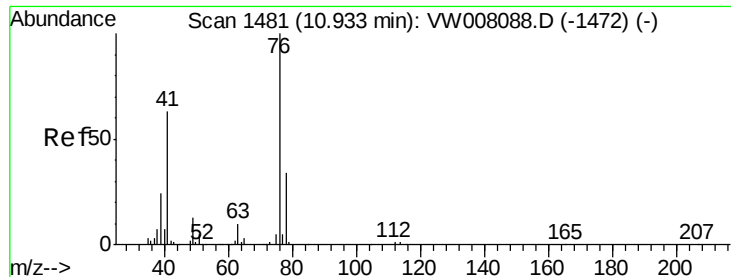
Abundance

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

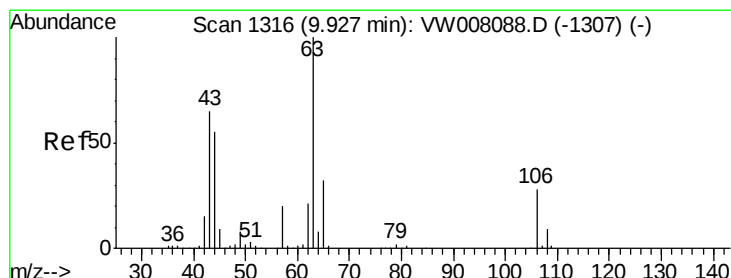
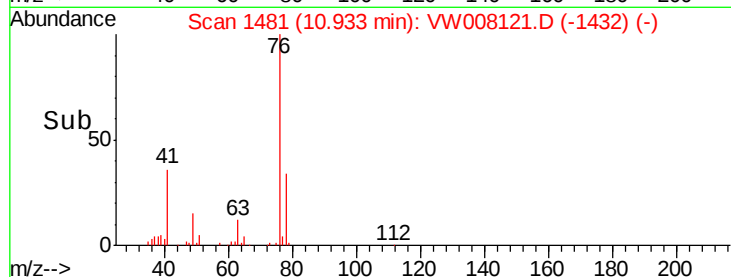
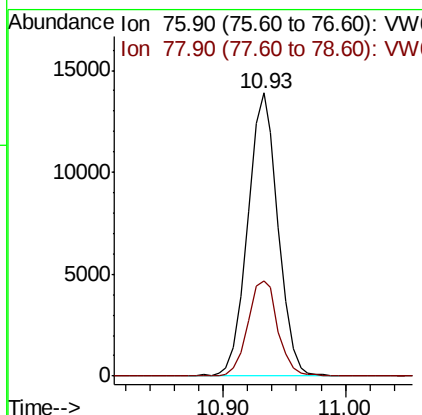
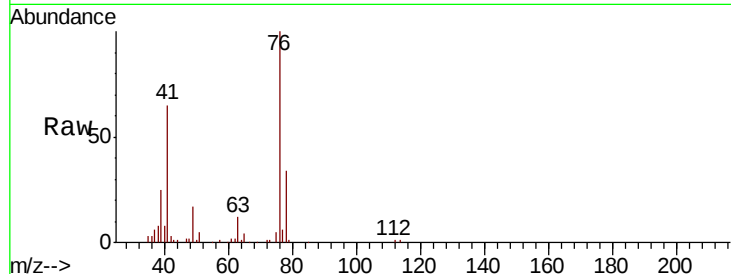




#57
 1,3-Dichloropropane
 Concen: 21.805 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

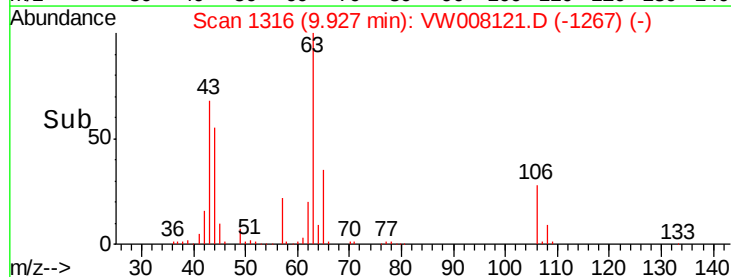
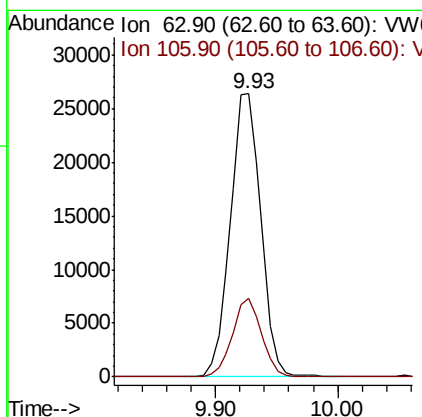
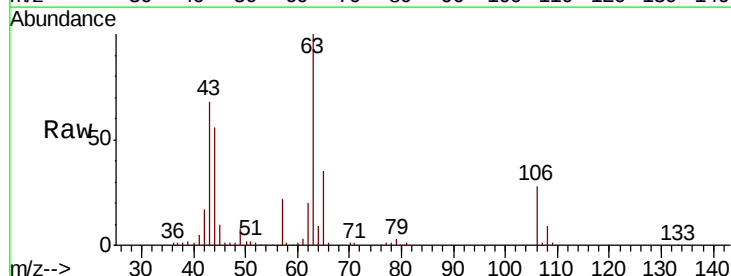
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

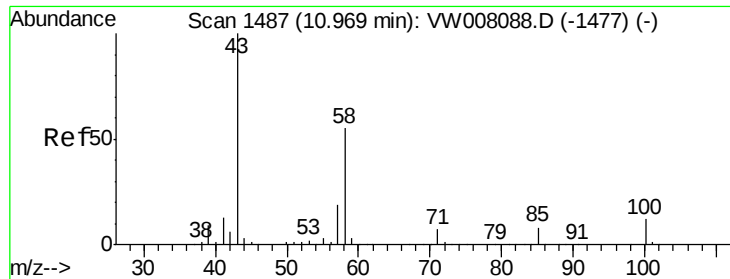
Tgt Ion: 76 Resp: 23858
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.598 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion: 63 Resp: 45389
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.6

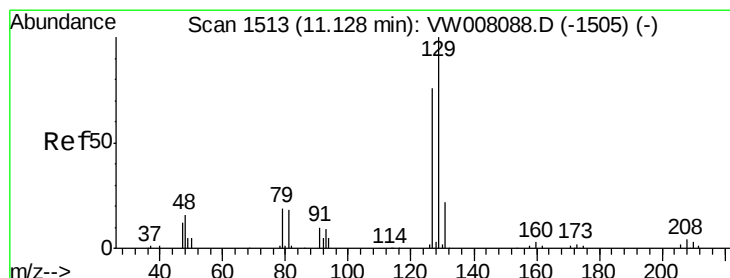
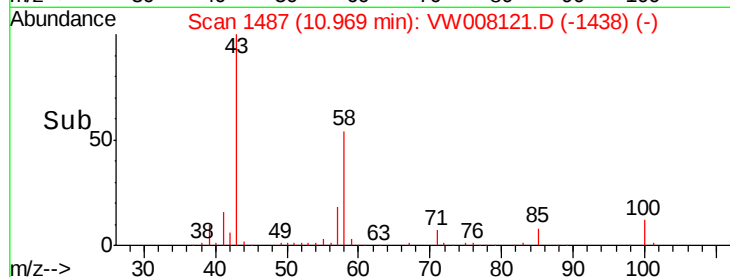
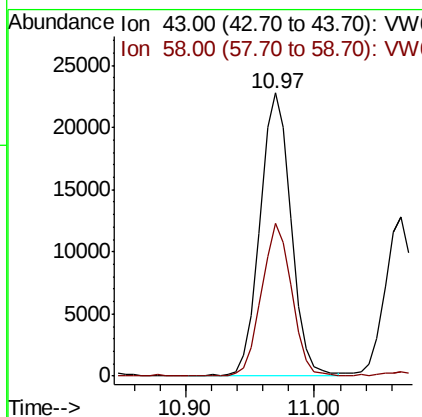
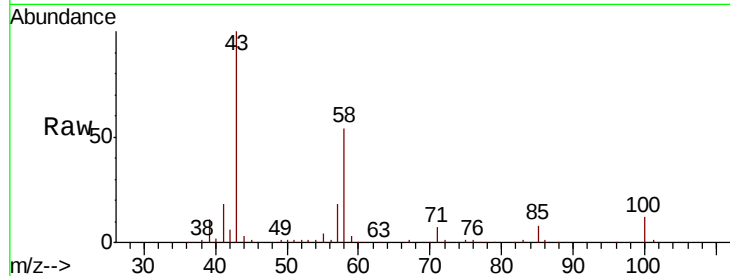




#59
2-Hexanone
Concen: 112.396 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

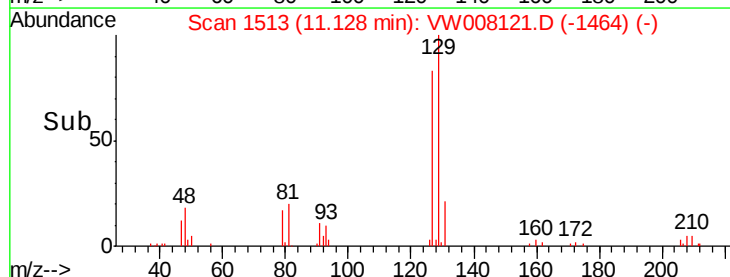
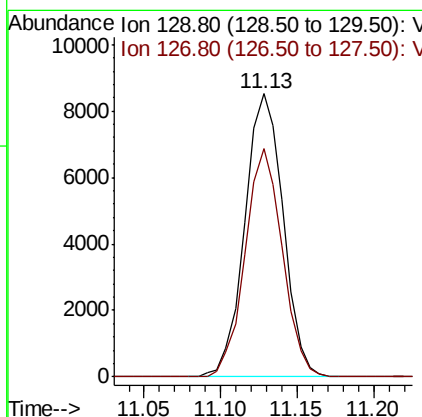
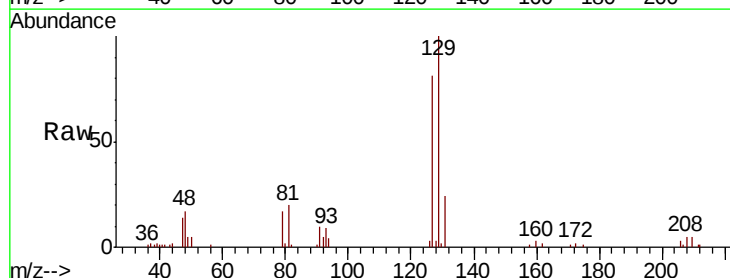
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

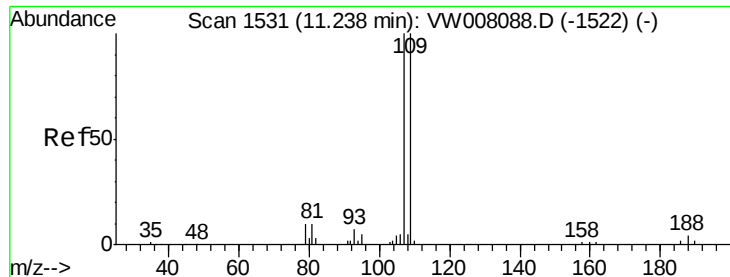
Tgt Ion: 43 Resp: 38022
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.5



#60
Dibromochloromethane
Concen: 22.686 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion: 129 Resp: 14904
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6

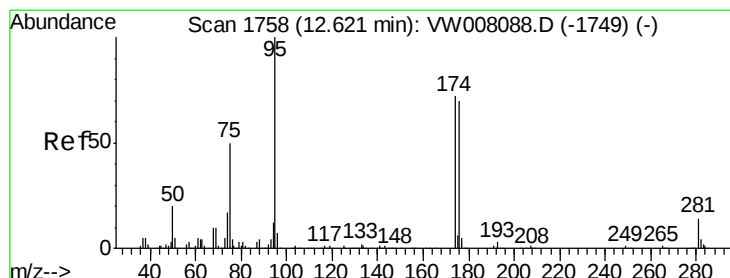
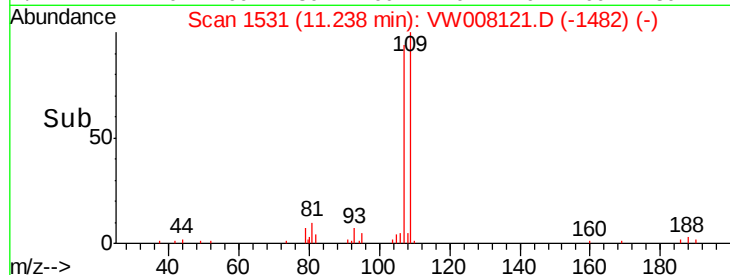
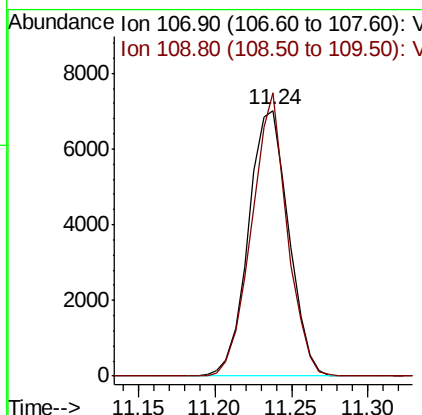
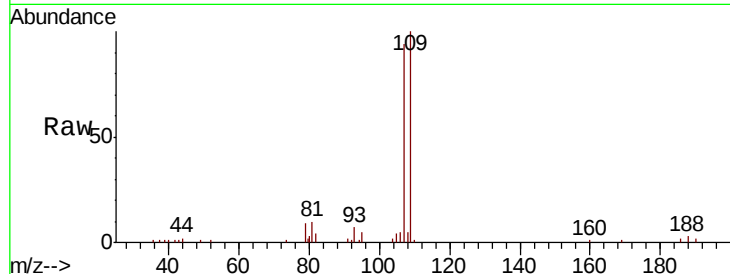




#61
 1,2-Dibromoethane
 Concen: 22.592 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

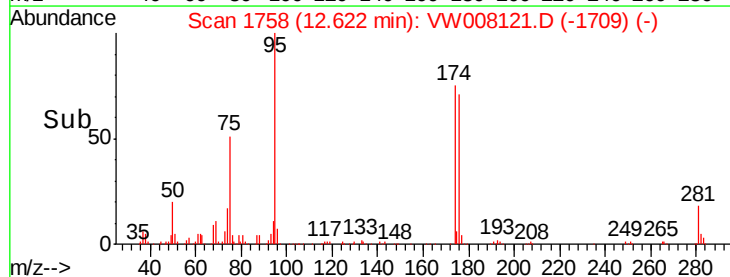
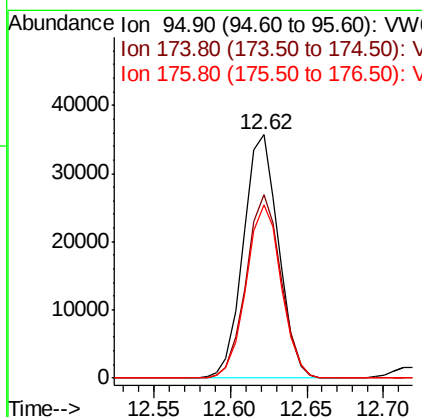
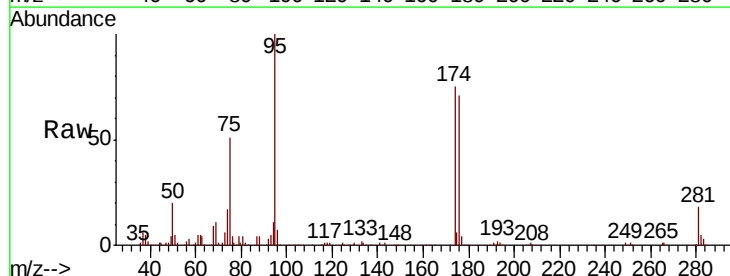
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

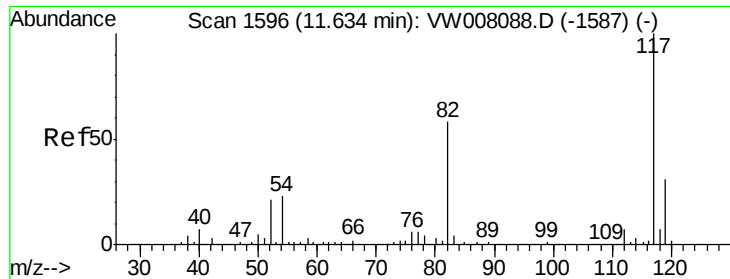
Tgt Ion: 107 Resp: 12825
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 51.856 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion: 95 Resp: 56987
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 143.0
 176 71.0 0.0 140.2

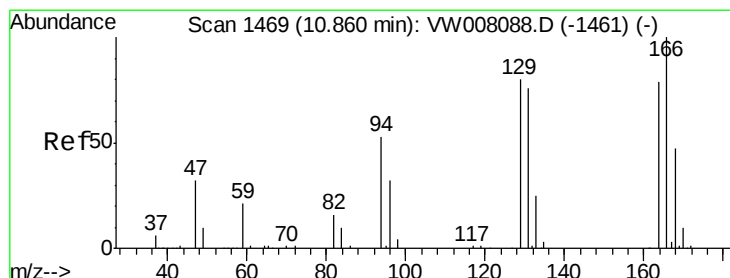
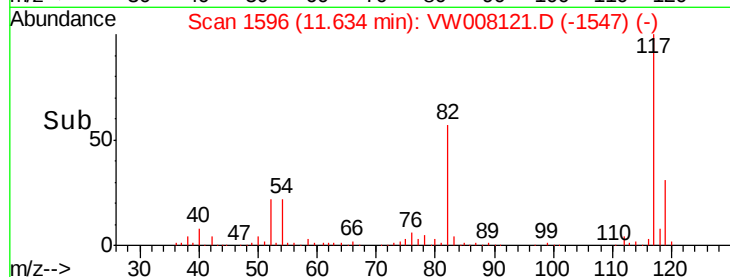
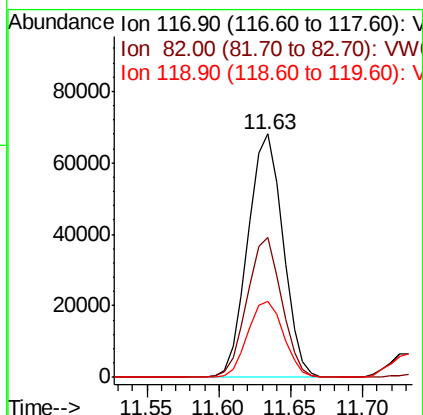
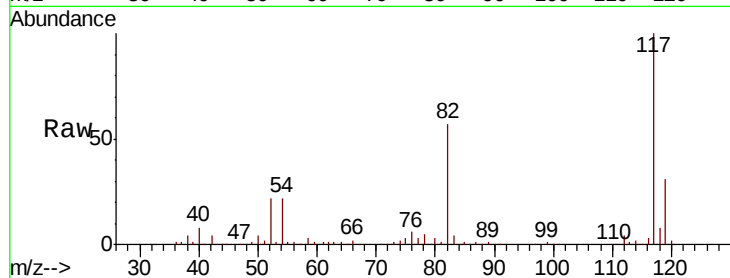




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

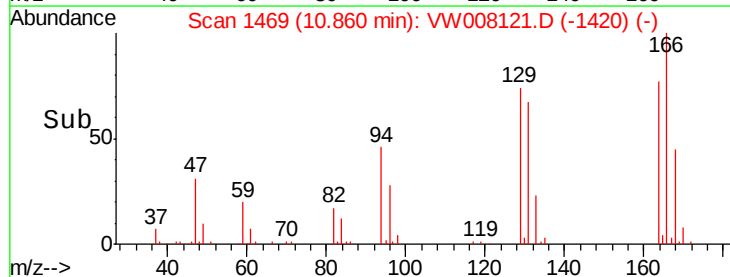
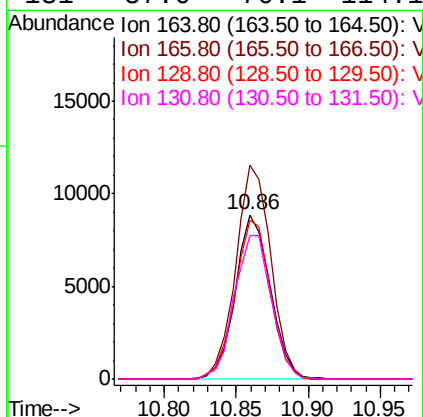
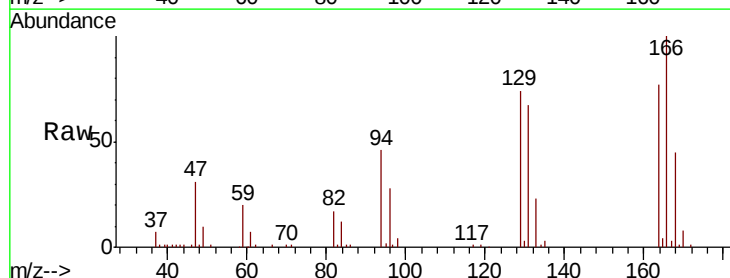
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

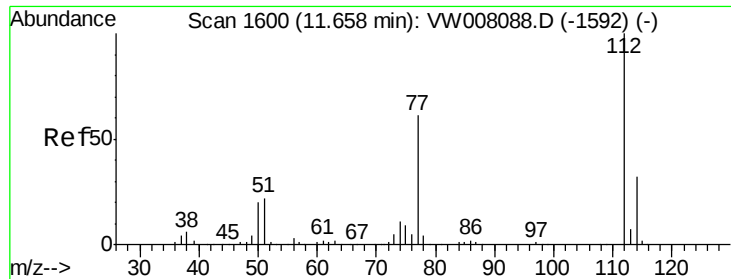
Tgt Ion:117 Resp: 115029
Ion Ratio Lower Upper
117 100
82 57.4 46.4 69.6
119 31.3 24.7 37.1



#64
Tetrachloroethene
Concen: 19.920 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion:164 Resp: 14912
Ion Ratio Lower Upper
164 100
166 130.1 100.7 151.1
129 96.7 81.0 121.4
131 87.6 76.1 114.1

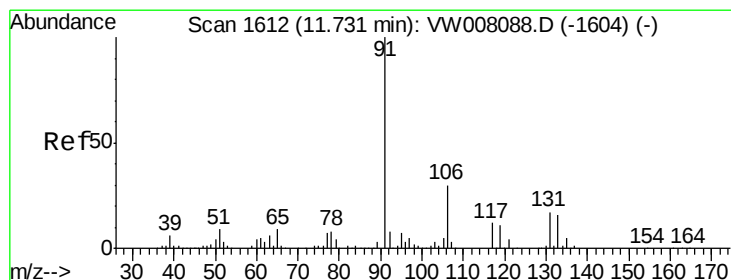
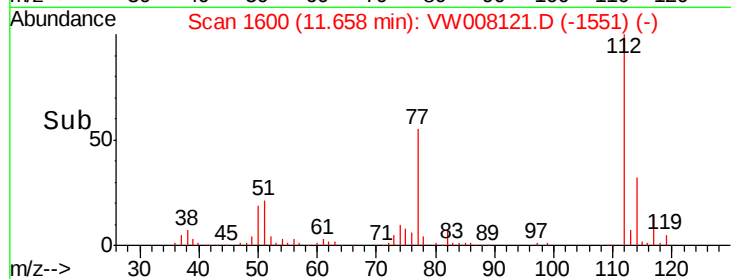
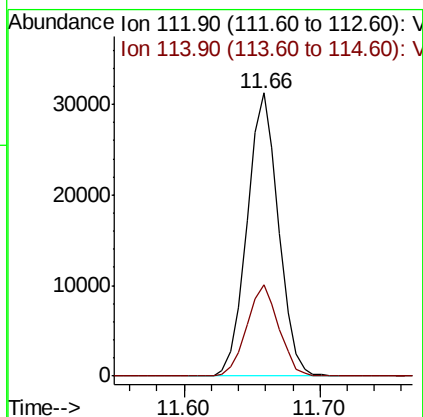
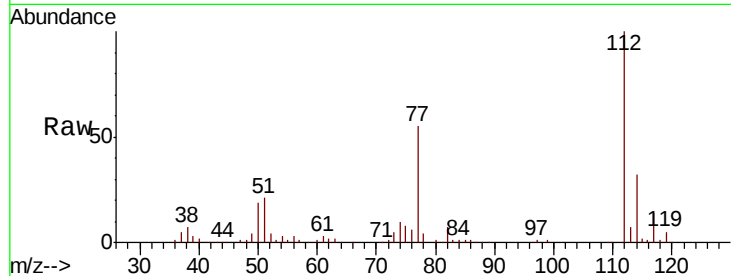




#65
Chlorobenzene
Concen: 20.710 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

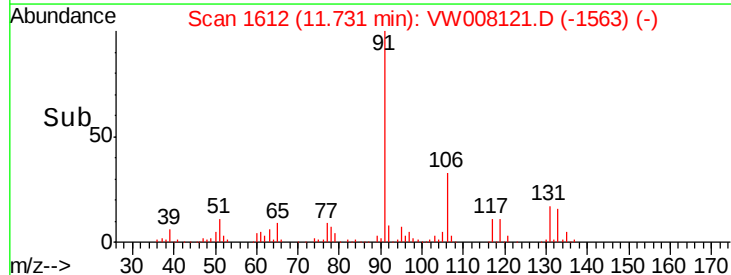
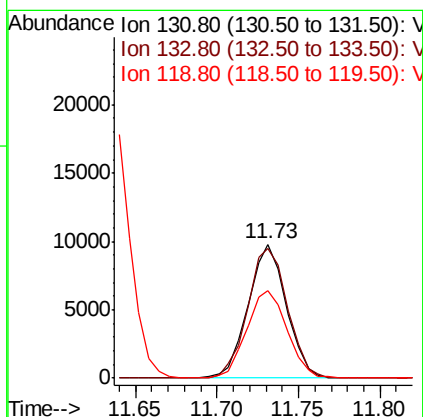
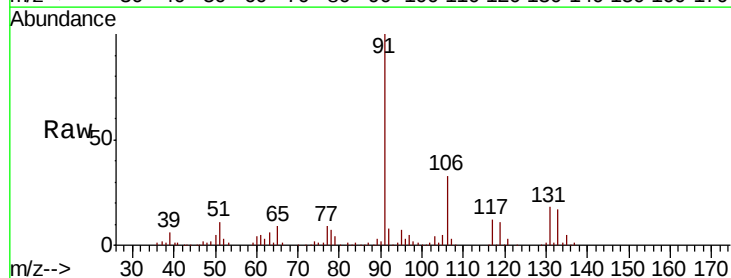
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

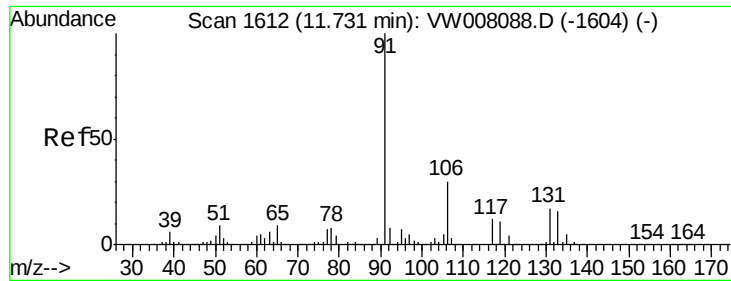
Tgt Ion:112 Resp: 50469
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.094 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion:131 Resp: 15927
Ion Ratio Lower Upper
131 100
133 101.1 47.9 143.7
119 69.2 32.5 97.4

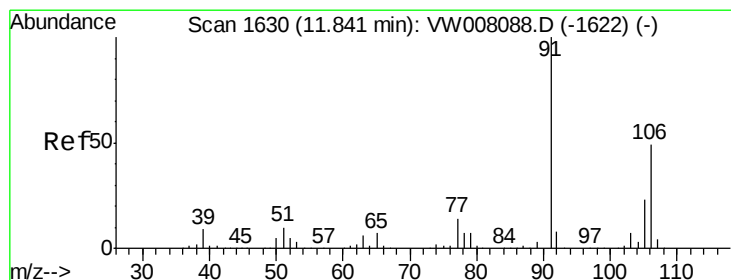
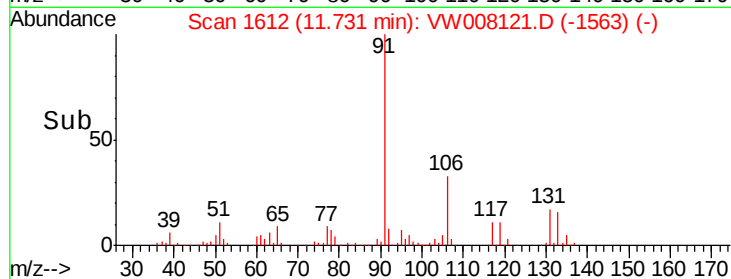
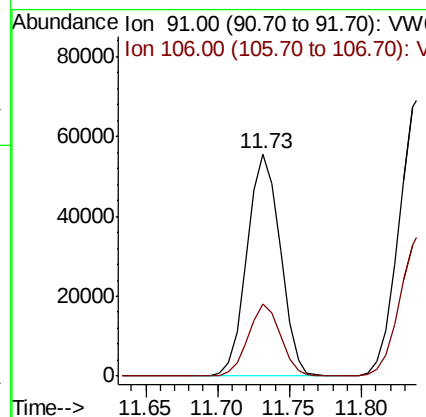
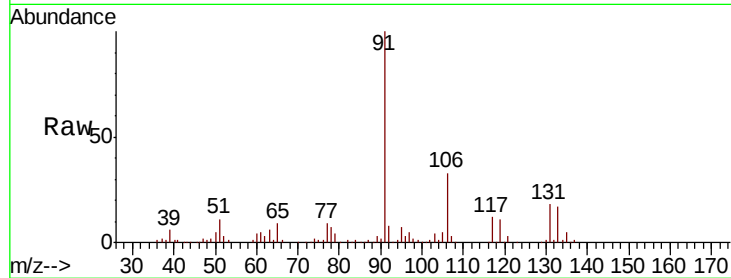




#67
Ethyl Benzene
Concen: 19.924 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

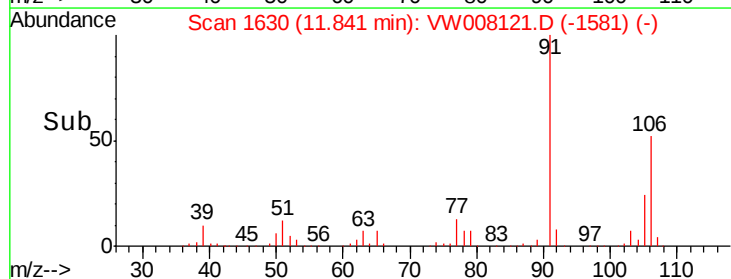
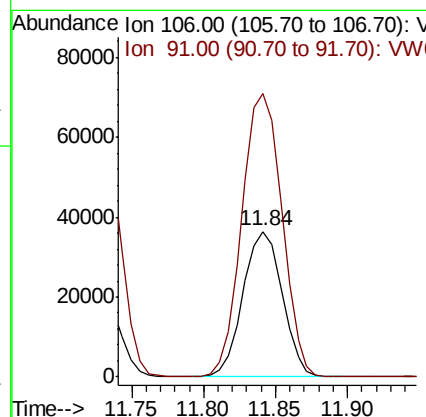
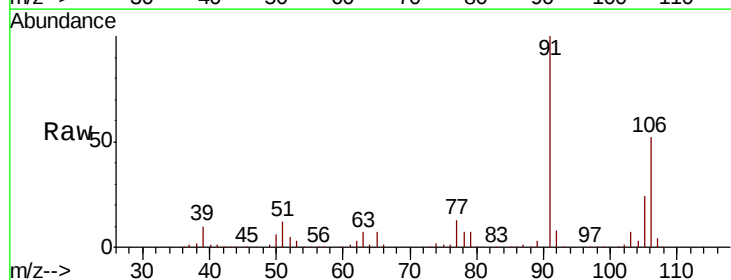
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

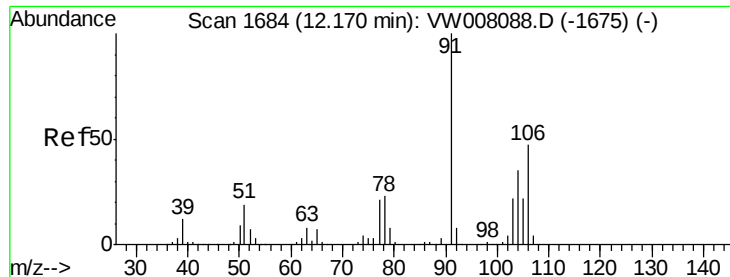
Tgt Ion: 91 Resp: 88842
Ion Ratio Lower Upper
91 100
106 32.6 24.2 36.4



#68
m/p-Xylenes
Concen: 40.364 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion: 106 Resp: 68697
Ion Ratio Lower Upper
106 100
91 200.5 162.4 243.6

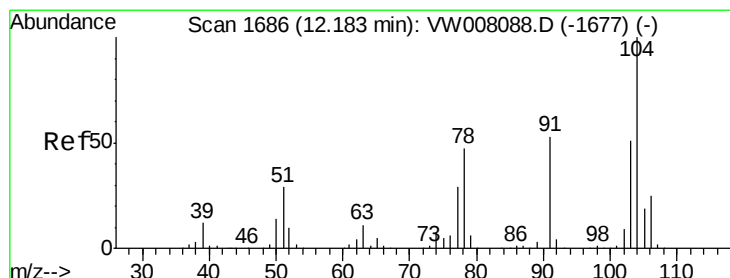
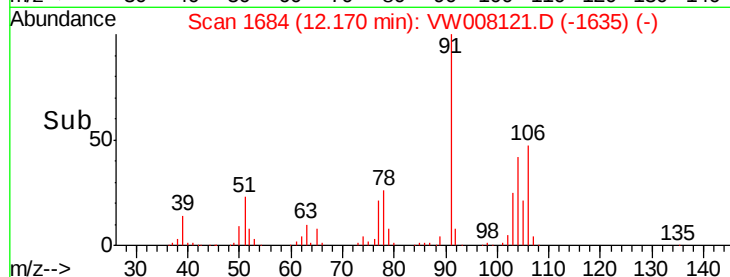
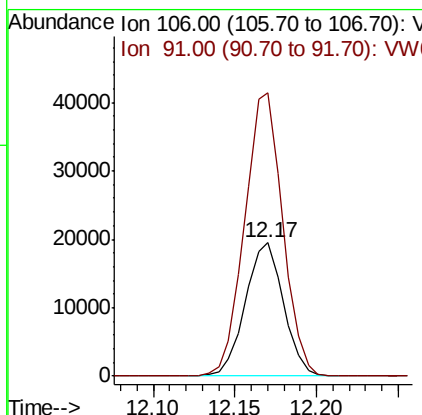
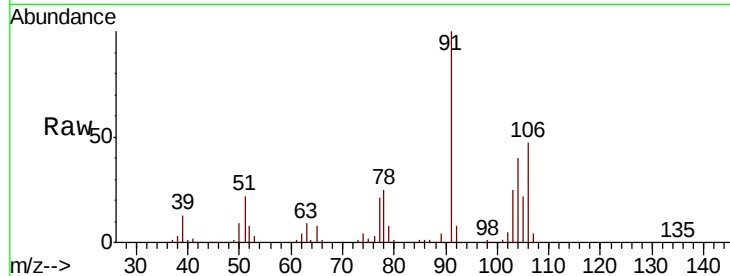




#69
o-Xylene
Concen: 20.036 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

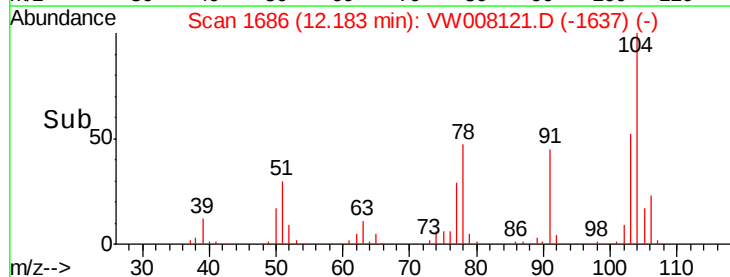
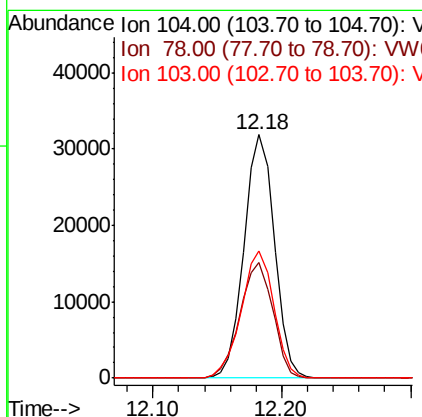
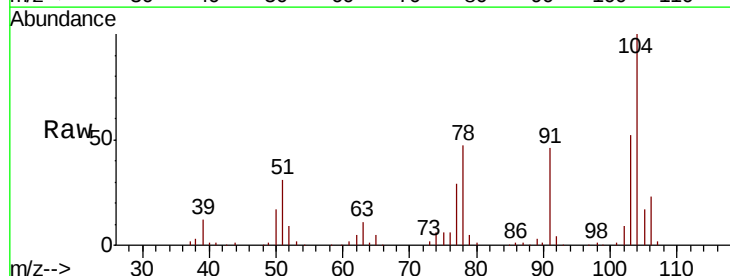
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

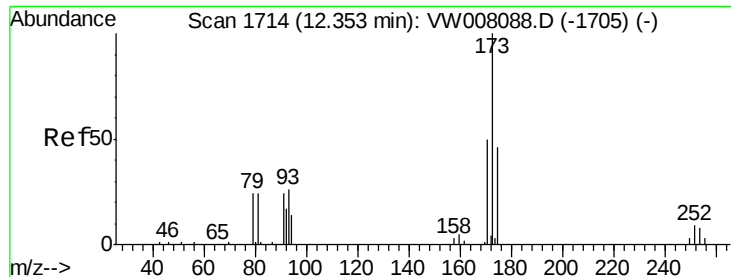
Tgt Ion:106 Resp: 31578
Ion Ratio Lower Upper
106 100
91 212.8 107.8 323.6



#70
Styrene
Concen: 21.050 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion:104 Resp: 51964
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 56.2 43.8 65.8





#71

Bromoform

Concen: 21.940 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

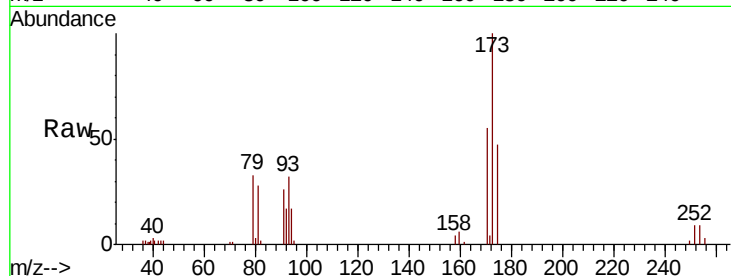
Tgt Ion:173 Resp: 7783

Ion Ratio Lower Upper

173 100

175 51.8 23.3 69.8

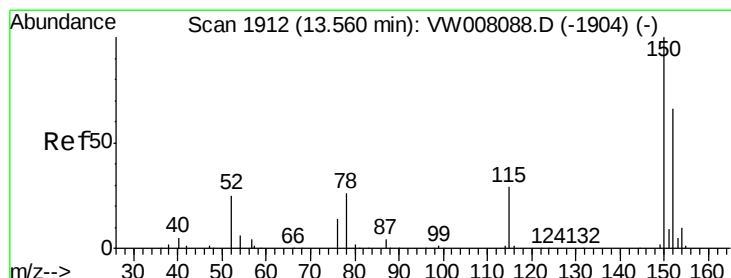
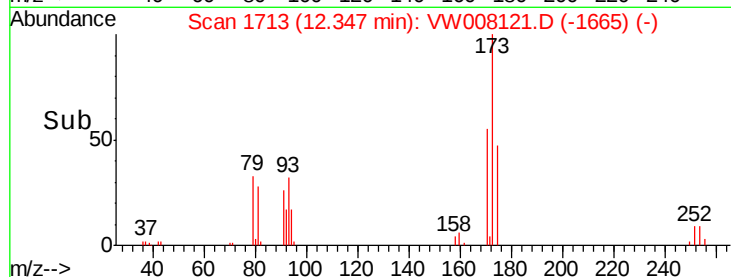
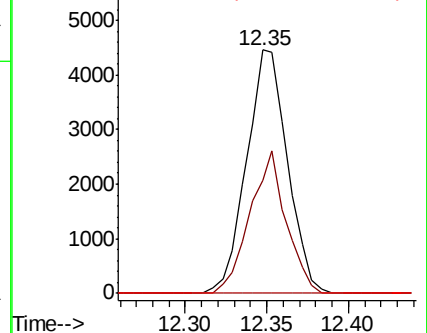
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

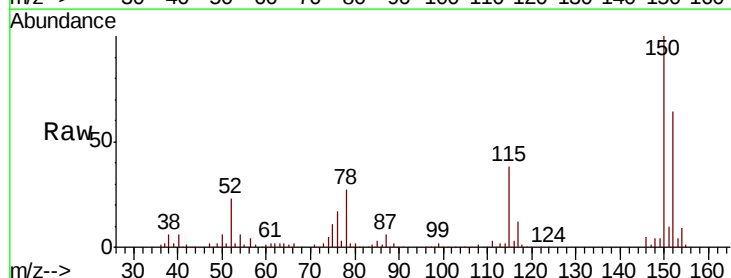
Tgt Ion:152 Resp: 56367

Ion Ratio Lower Upper

152 100

115 59.7 30.8 92.4

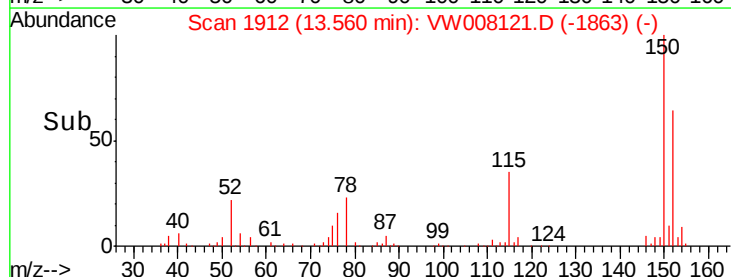
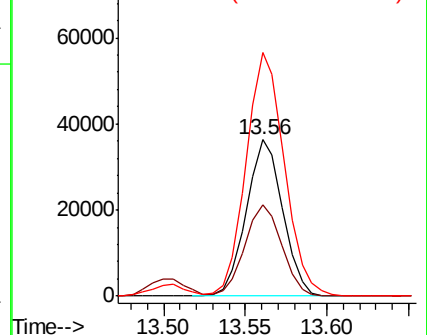
150 164.2 0.0 350.2

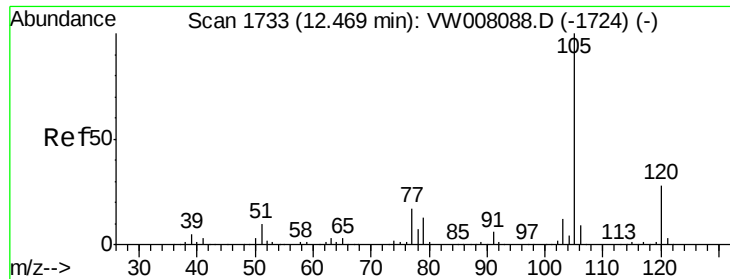


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.258 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

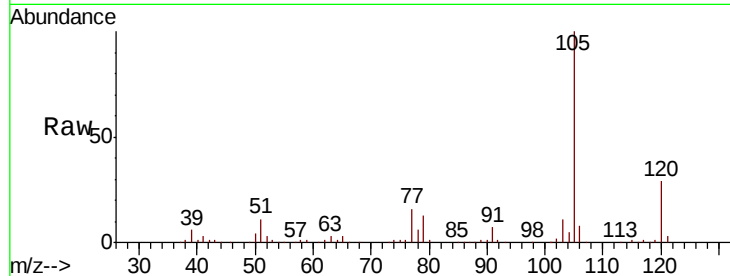
VW0109SBS02

Tgt Ion: 105 Resp: 85225

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

60000

50000

40000

30000

20000

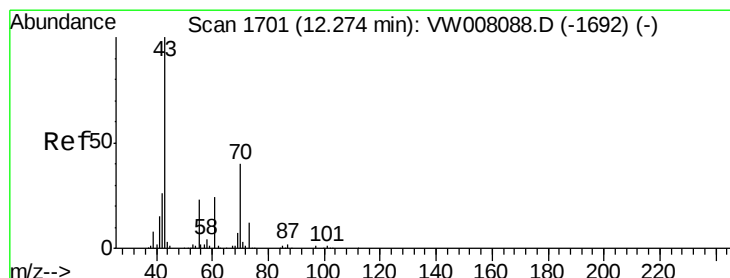
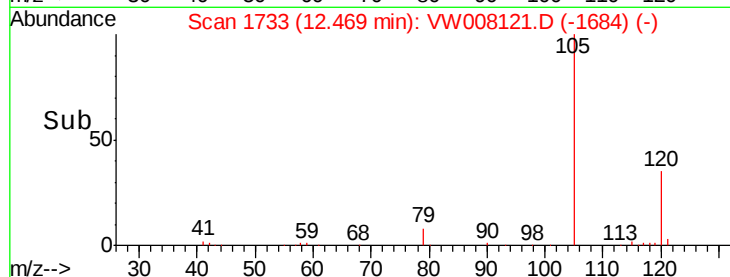
10000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 21.366 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Tgt Ion: 43 Resp: 20939

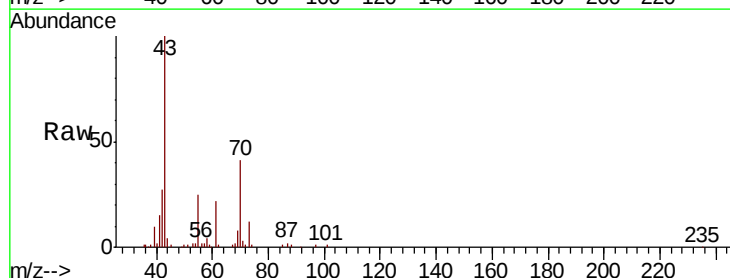
Ion Ratio Lower Upper

43 100

70 40.9 32.4 48.6

55 25.1 18.7 28.1

61 23.9 19.0 28.6



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

20000

15000

10000

5000

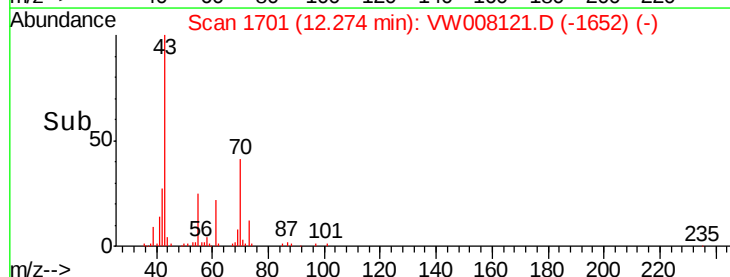
0

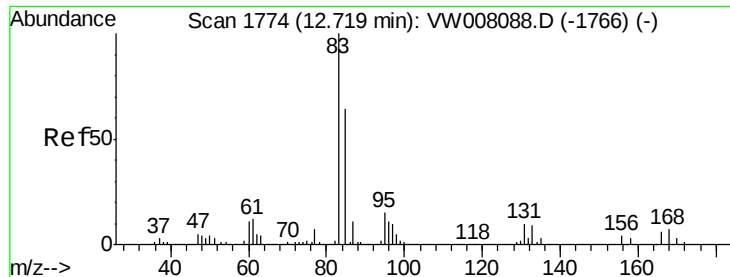
Time-->

12.20

12.30

12.40

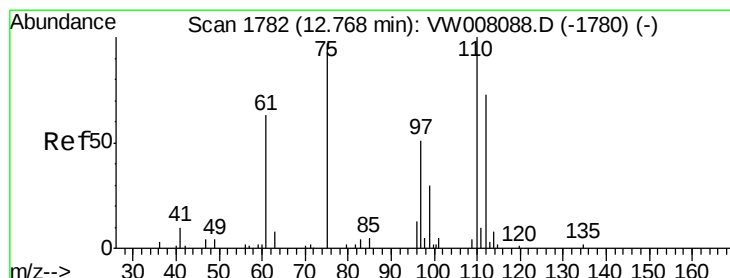
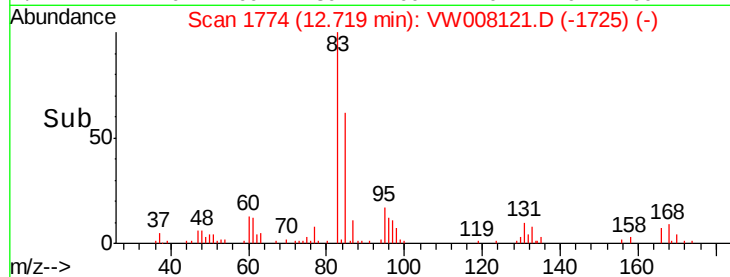
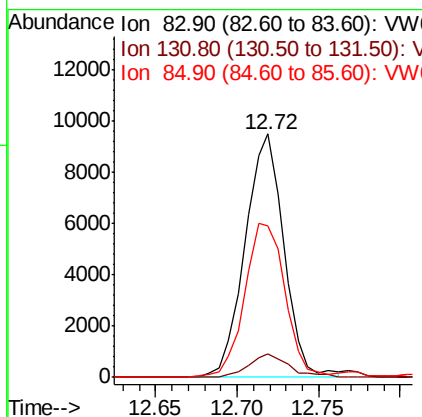
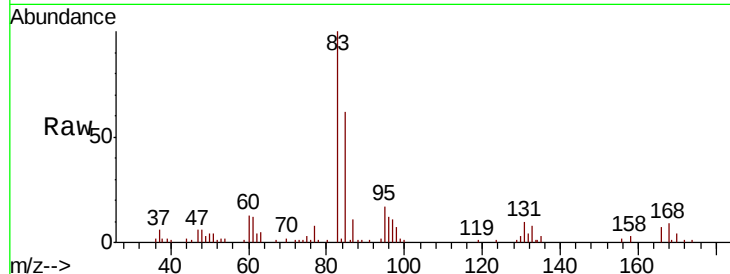




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.227 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

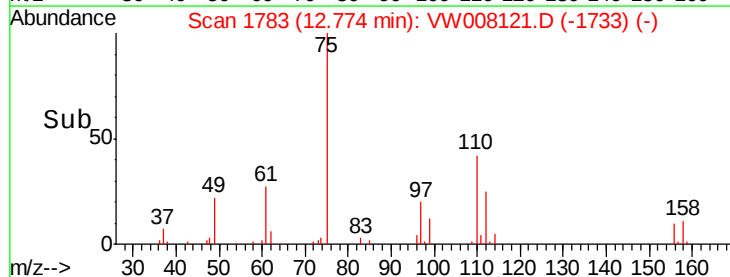
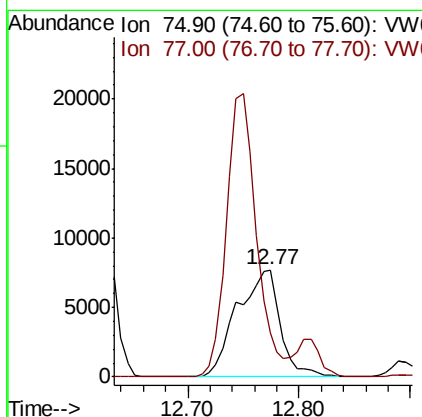
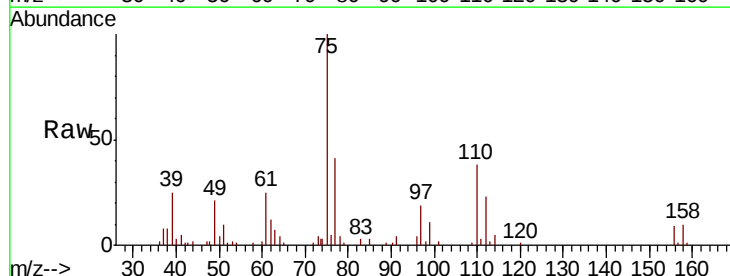
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

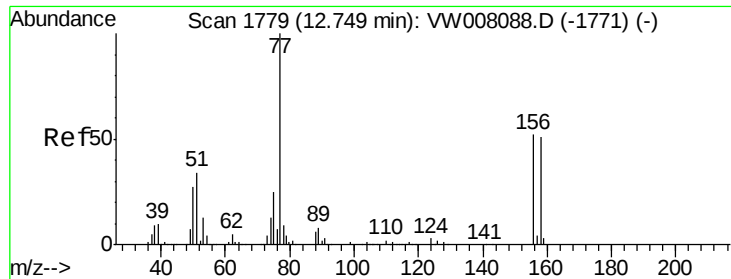
Tgt Ion: 83 Resp: 15744
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.3 16.1
 85 65.9 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 40.201 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion: 75 Resp: 20657
 Ion Ratio Lower Upper
 75 100
 77 0.0 179.4 538.2#





#77

Bromobenzene

Concen: 20.794 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampled :

VW0109SBS02

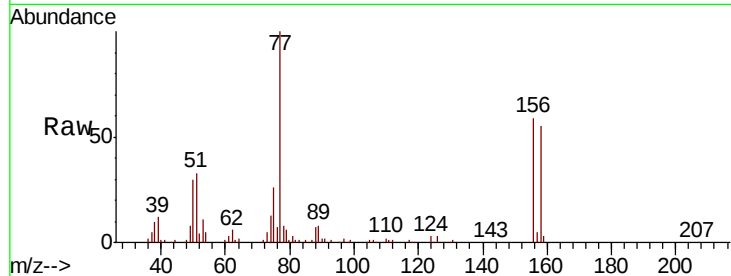
Tgt Ion:156 Resp: 19444

Ion Ratio Lower Upper

156 100

77 195.5 104.2 312.5

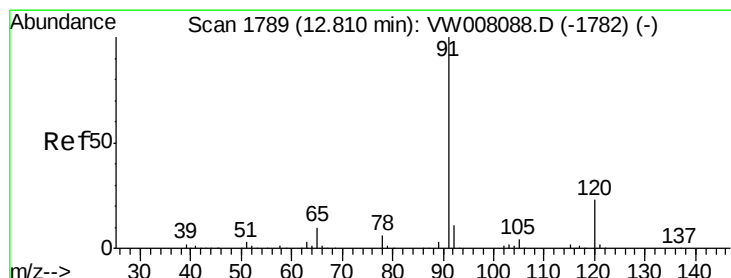
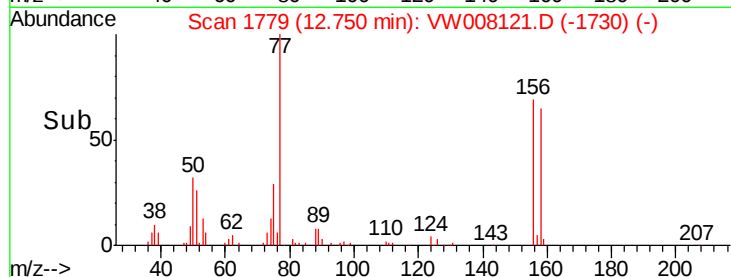
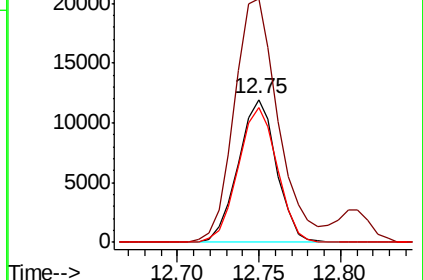
158 96.7 47.9 143.6



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: 19.553 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008121.D

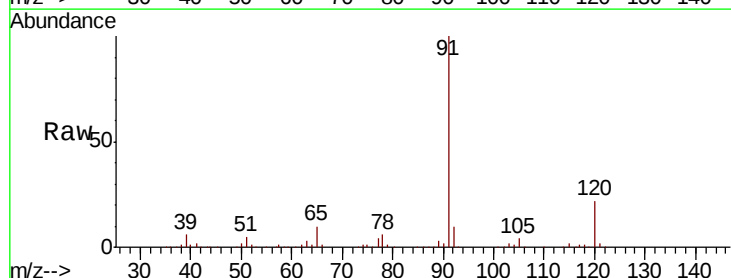
Acq: 10 Jan 2019 00:59

Tgt Ion: 91 Resp: 106021

Ion Ratio Lower Upper

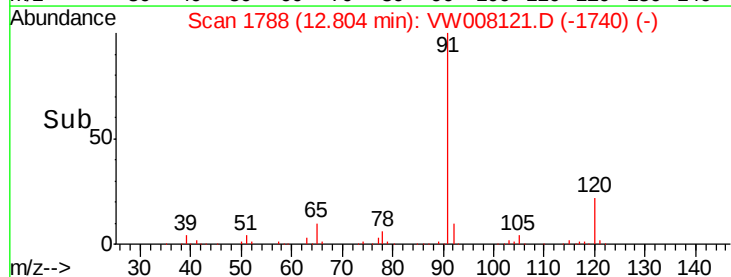
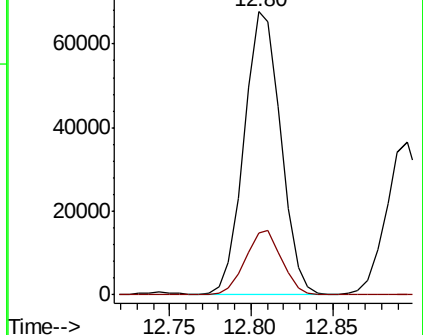
91 100

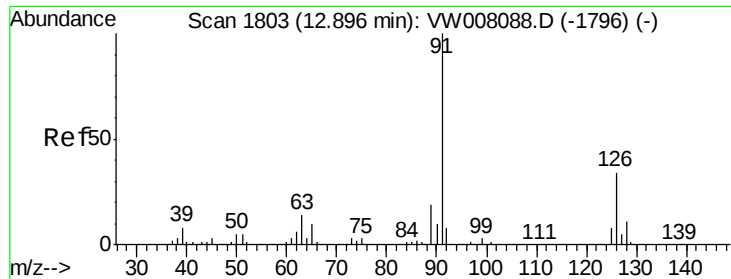
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.533 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

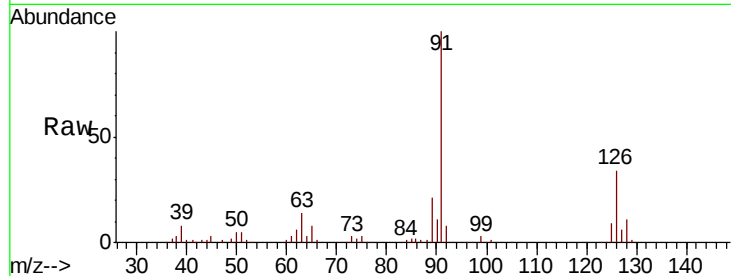
VW0109SBS02

Tgt Ion: 91 Resp: 59091

Ion Ratio Lower Upper

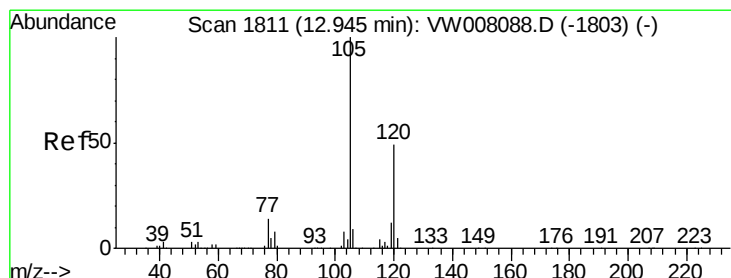
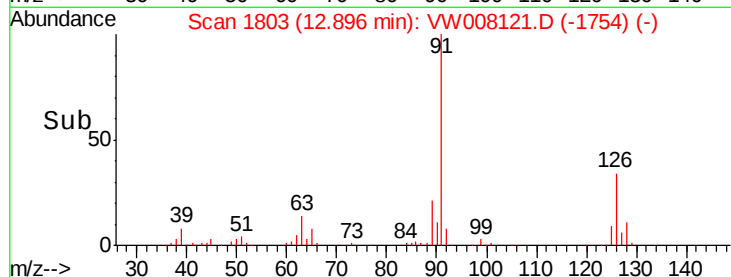
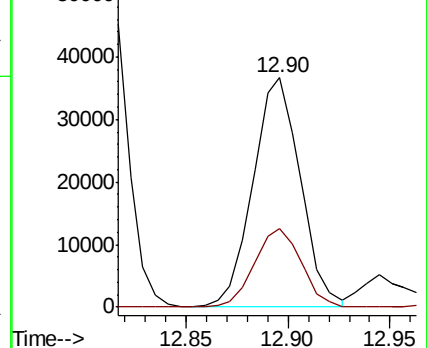
91 100

126 34.0 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.780 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008121.D

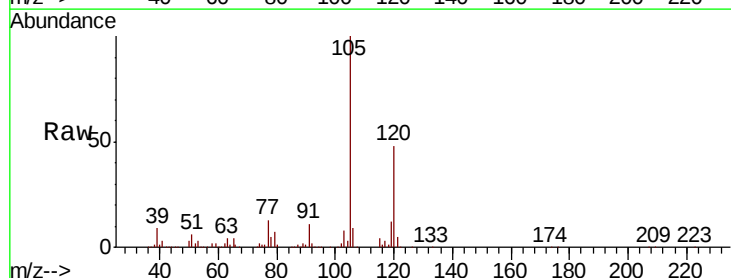
Acq: 10 Jan 2019 00:59

Tgt Ion: 105 Resp: 71930

Ion Ratio Lower Upper

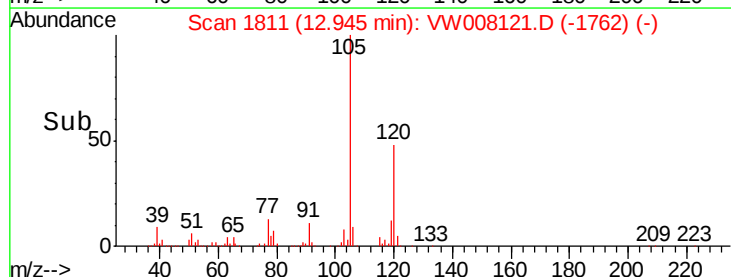
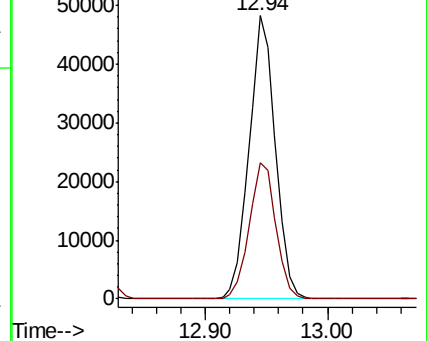
105 100

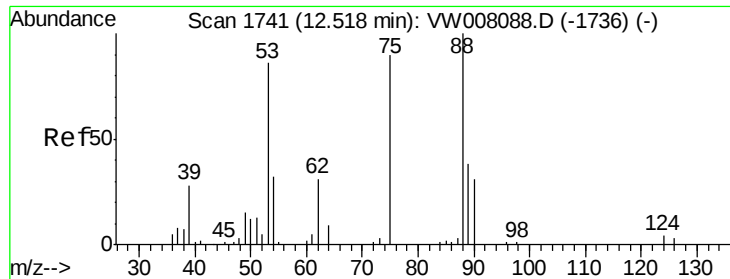
120 48.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

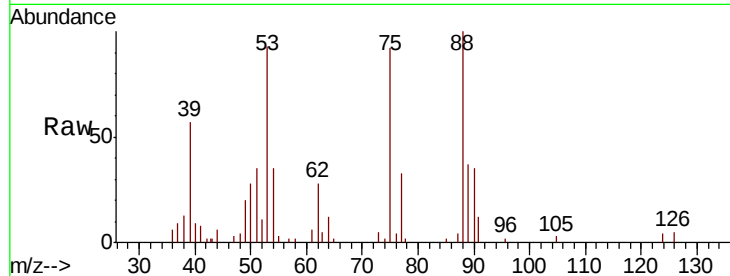




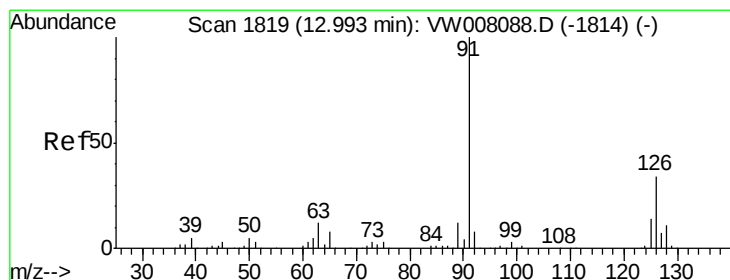
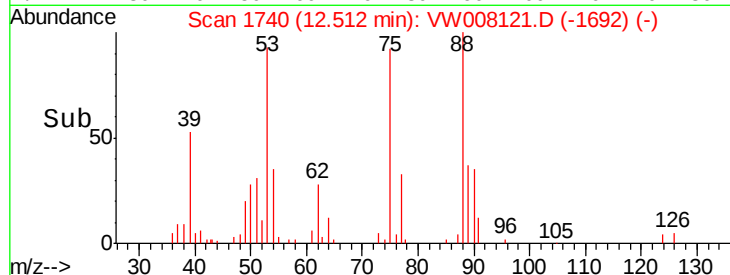
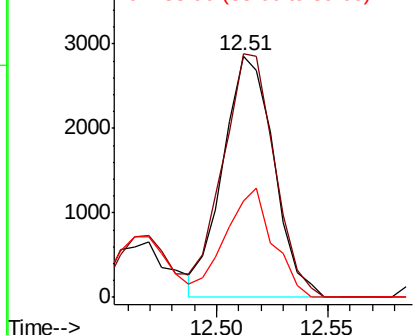
#81
trans-1,4-Dichloro-2-butene
Concen: 20.652 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tgt Ion: 75 Resp: 4557
Ion Ratio Lower Upper
75 100
53 104.4 78.8 118.2
89 42.4 35.4 53.2

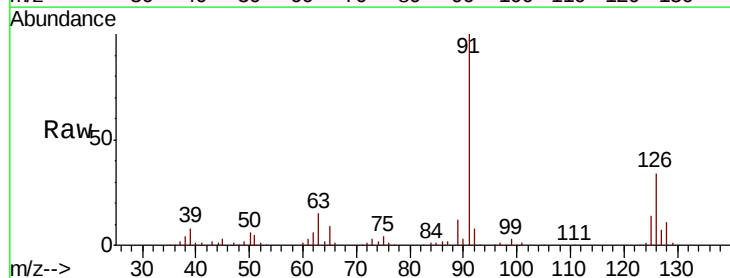


Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW

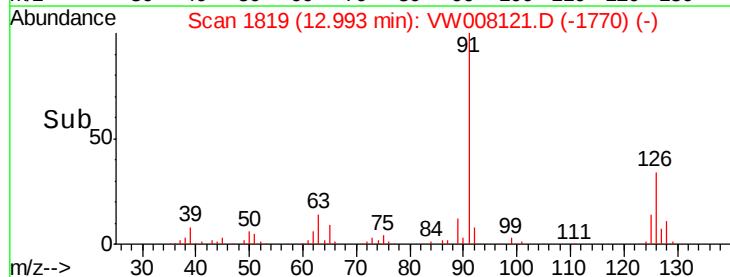
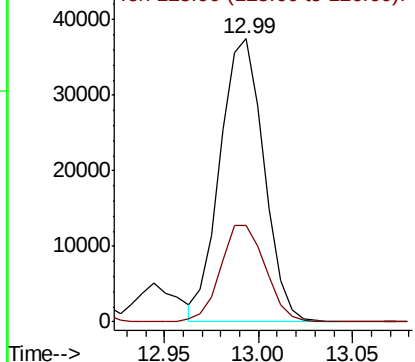


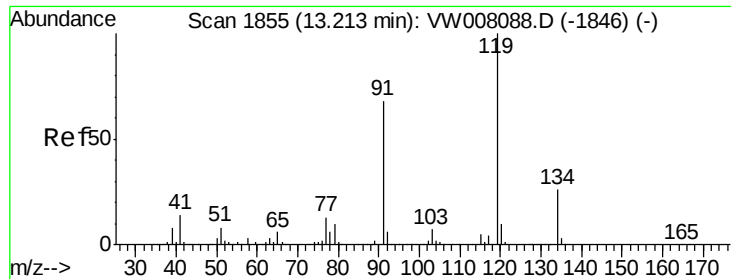
#82
4-Chlorotoluene
Concen: 19.023 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion: 91 Resp: 60610
Ion Ratio Lower Upper
91 100
126 35.1 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.853 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

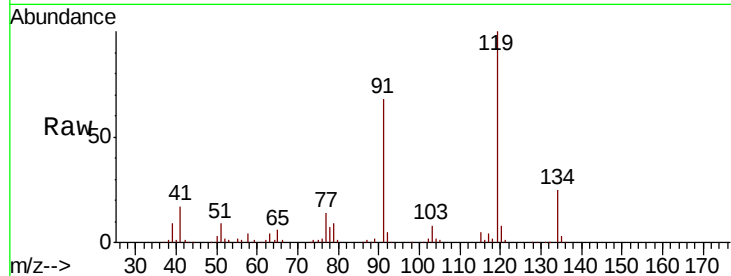
Tgt Ion:119 Resp: 63873

Ion Ratio Lower Upper

119 100

91 64.7 33.9 101.6

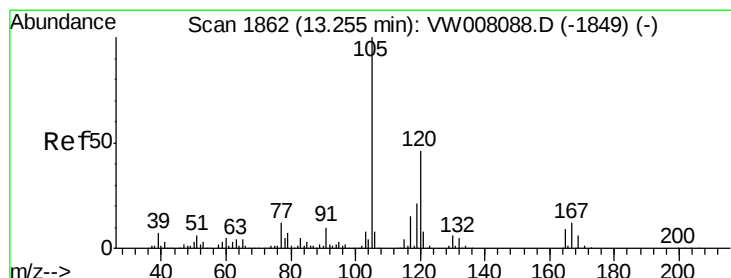
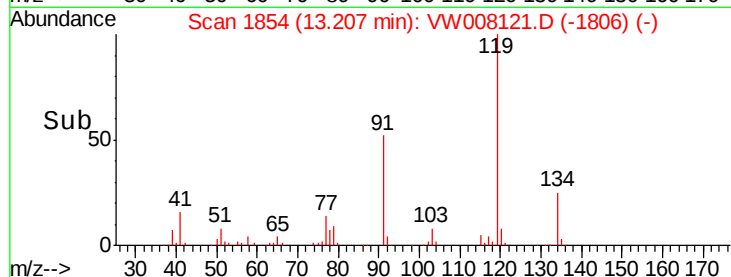
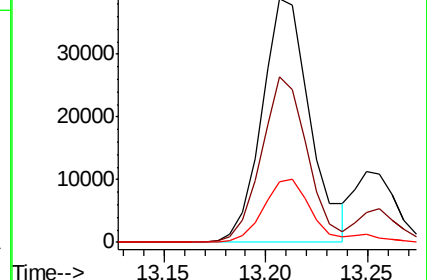
134 25.1 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.657 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008121.D

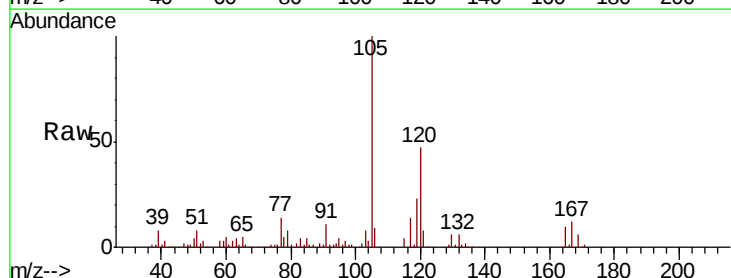
Acq: 10 Jan 2019 00:59

Tgt Ion:105 Resp: 73725

Ion Ratio Lower Upper

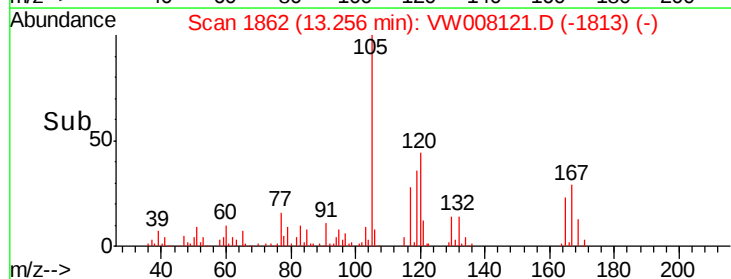
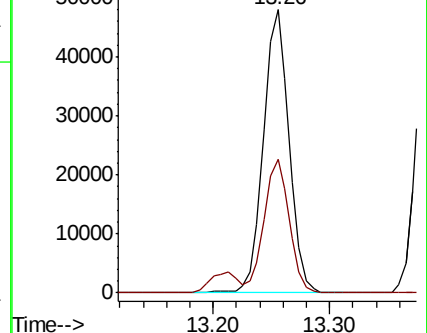
105 100

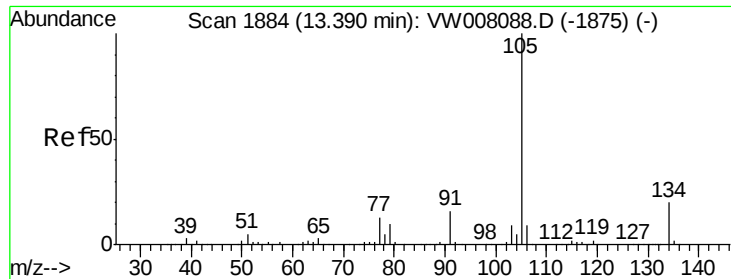
120 46.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

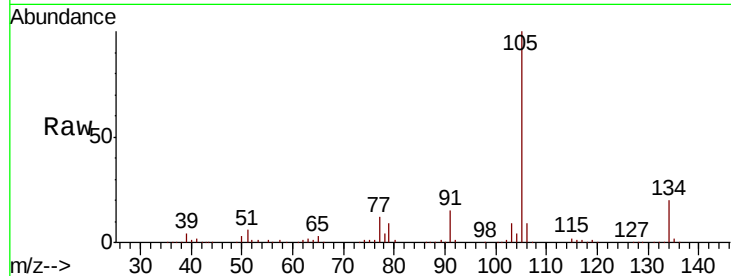




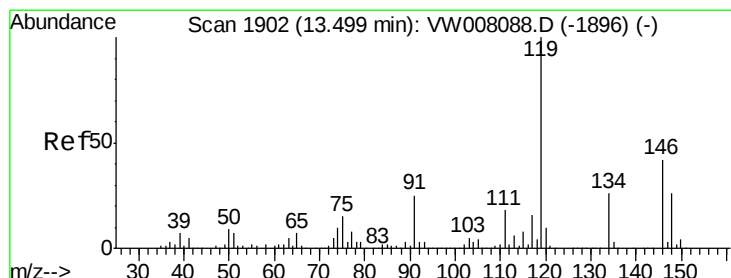
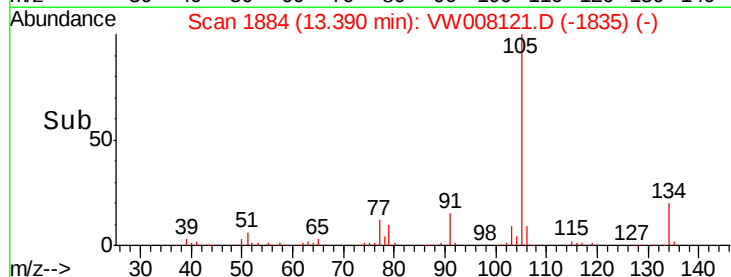
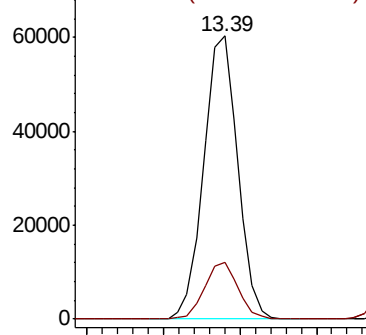
#85
 sec-Butylbenzene
 Concen: 19.688 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tgt Ion:105 Resp: 92784
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

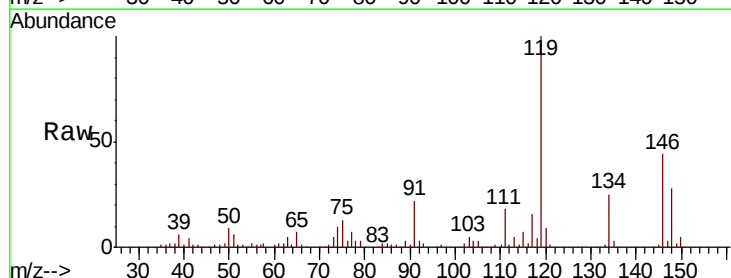


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

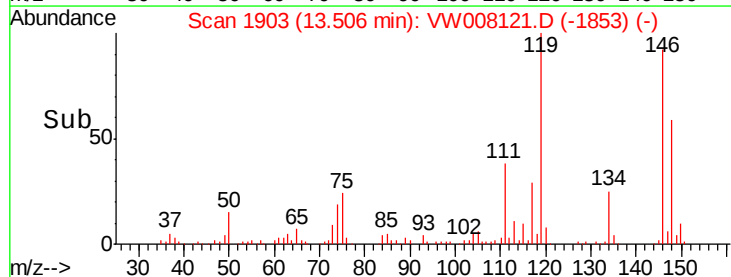
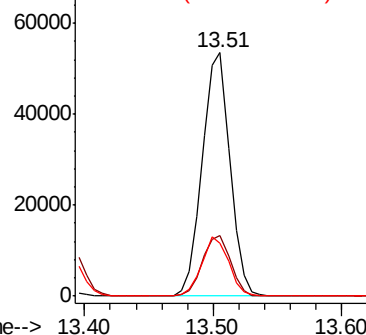


#86
 p-Isopropyltoluene
 Concen: 19.511 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion:119 Resp: 79401
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.3 39.8
 91 23.7 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

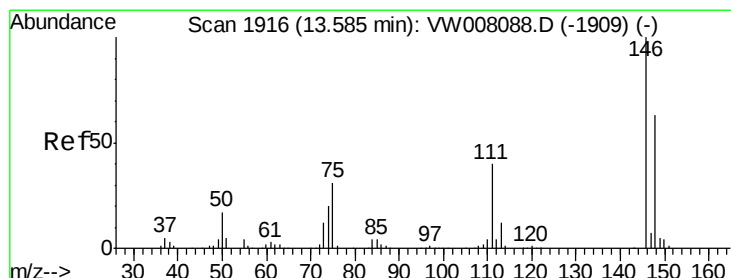
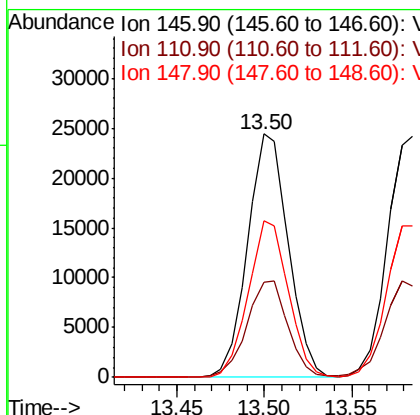
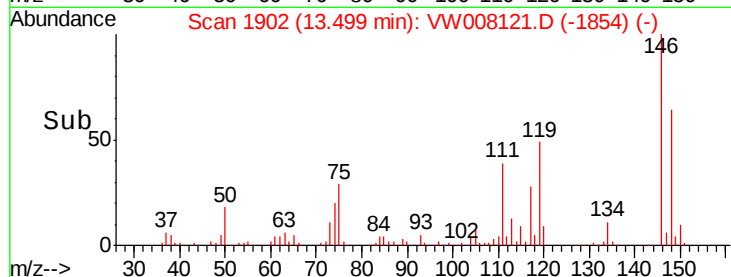
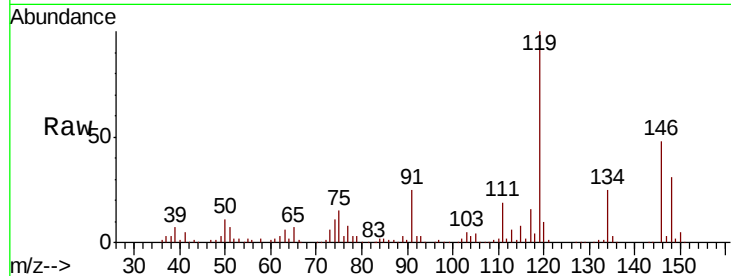




#87
 1,3-Dichlorobenzene
 Concen: 20.820 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

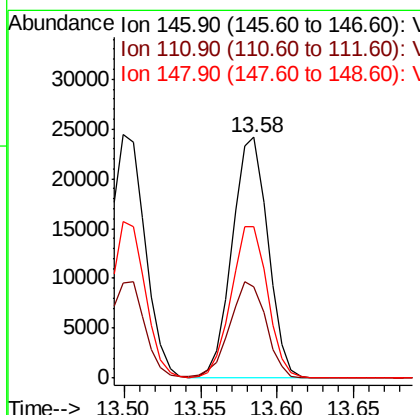
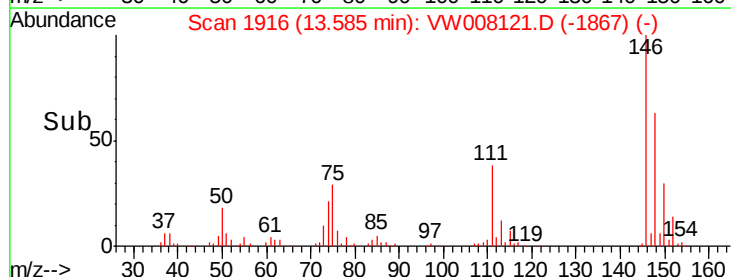
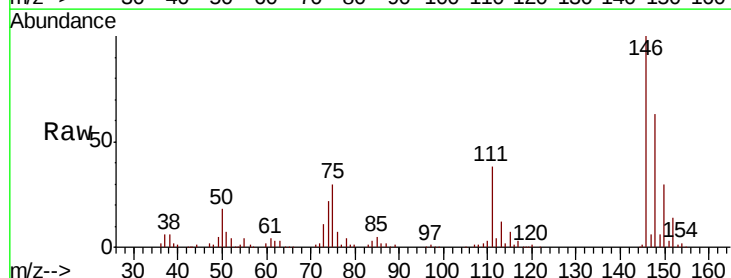
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Tgt Ion:146 Resp: 39491
 Ion Ratio Lower Upper
 146 100
 111 39.9 21.1 63.1
 148 63.2 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 20.643 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion:146 Resp: 39286
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 19.111 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008121.D

Acq: 10 Jan 2019 00:59

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBS02

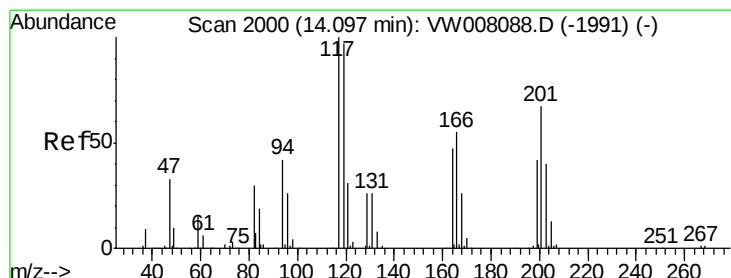
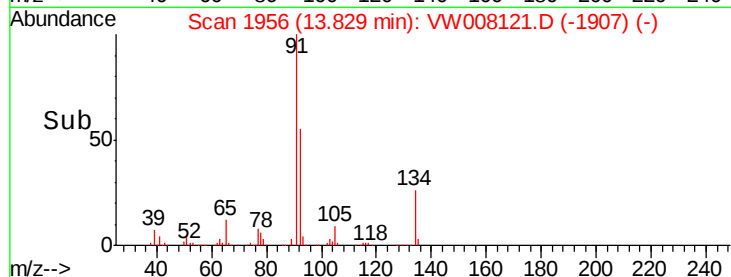
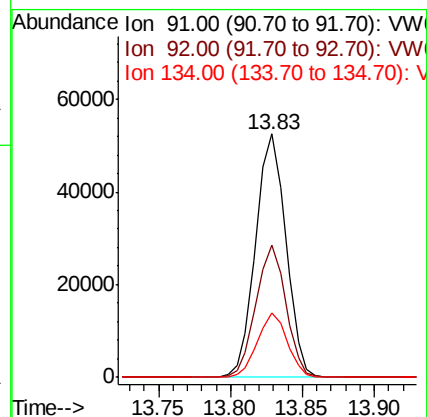
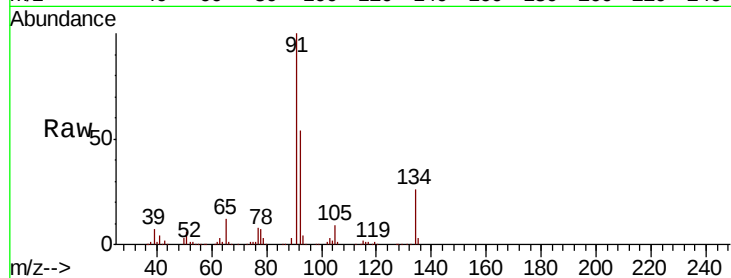
Tgt Ion: 91 Resp: 76172

Ion Ratio Lower Upper

91 100

92 54.1 27.4 82.2

134 25.9 12.6 37.8



#90

Hexachloroethane

Concen: 20.251 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008121.D

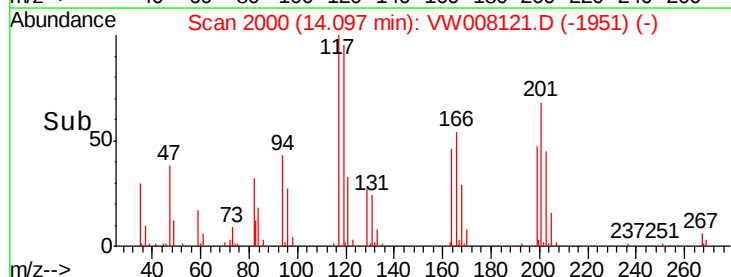
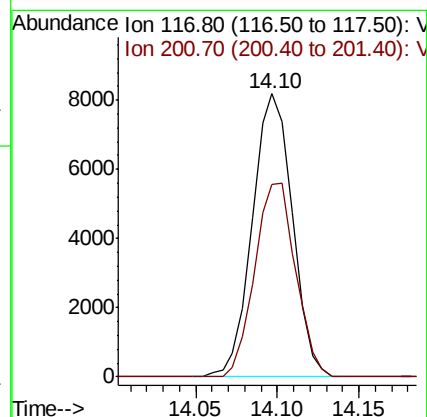
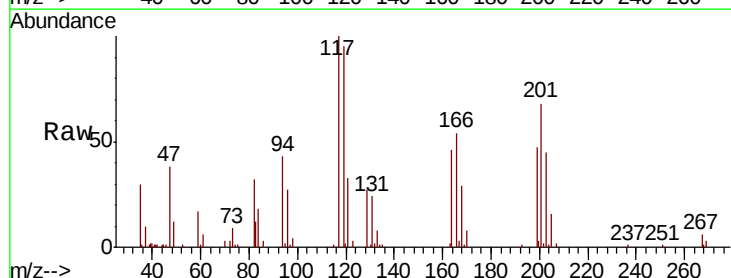
Acq: 10 Jan 2019 00:59

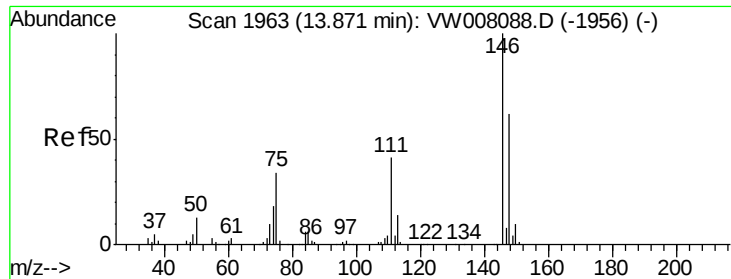
Tgt Ion: 117 Resp: 13920

Ion Ratio Lower Upper

117 100

201 70.0 33.0 98.9

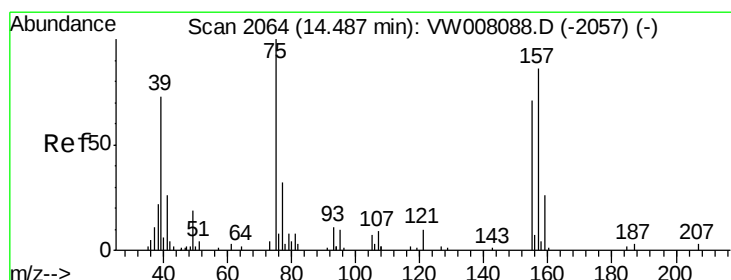
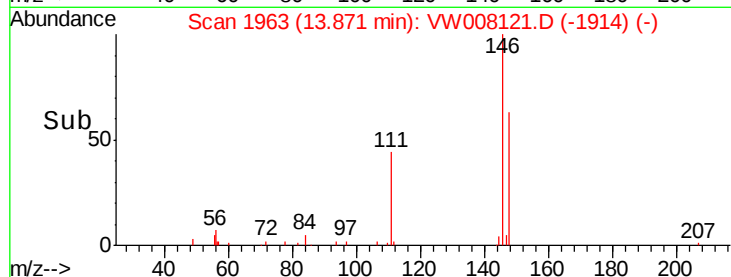
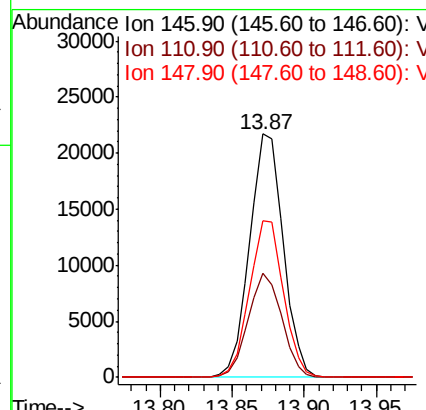
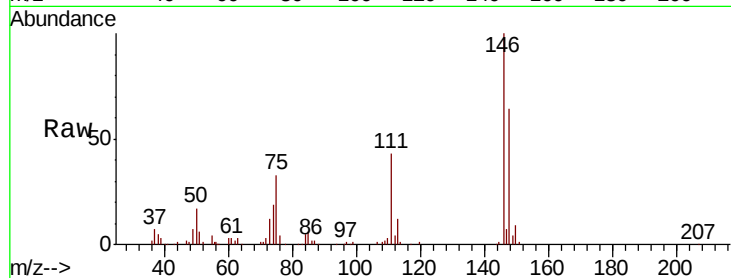




#91
 1,2-Dichlorobenzene
 Concen: 21.026 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

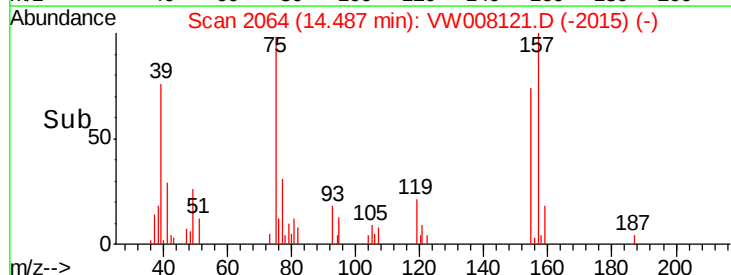
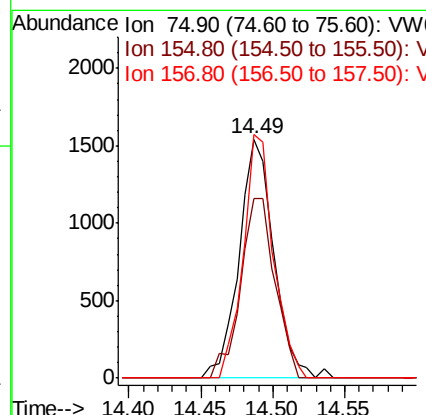
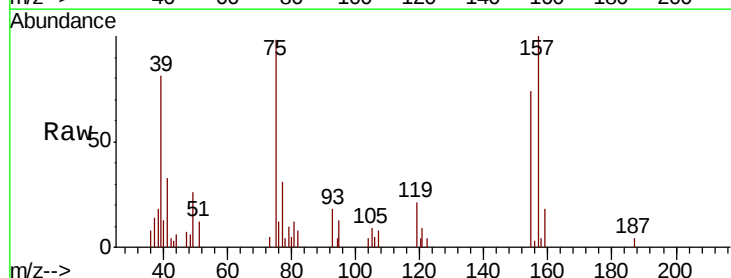
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

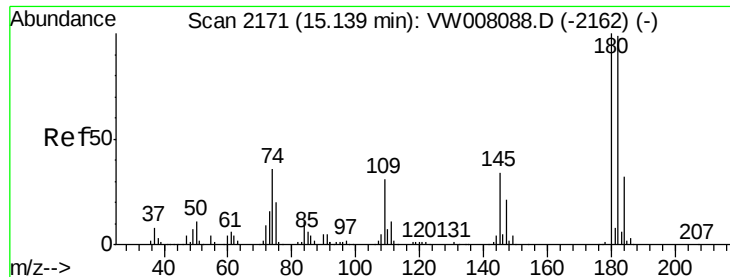
Tgt Ion:146 Resp: 35050
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.7
 148 64.8 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.747 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion: 75 Resp: 2593
 Ion Ratio Lower Upper
 75 100
 155 73.8 38.6 115.7
 157 88.3 47.5 142.6

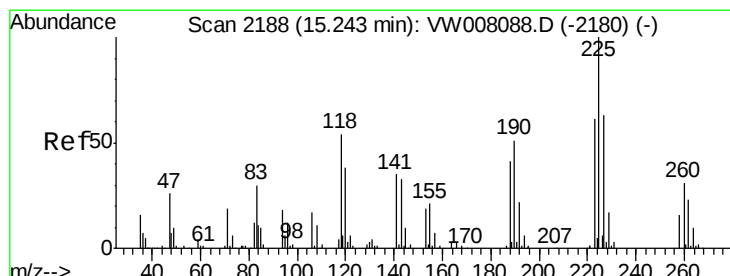
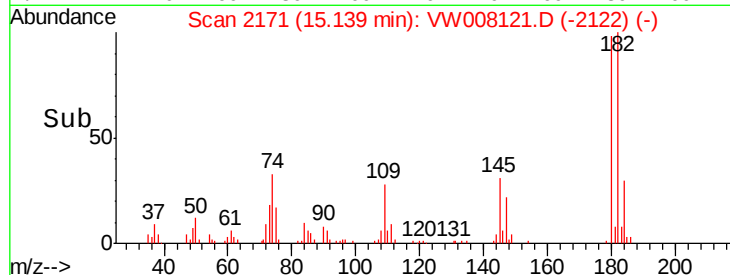
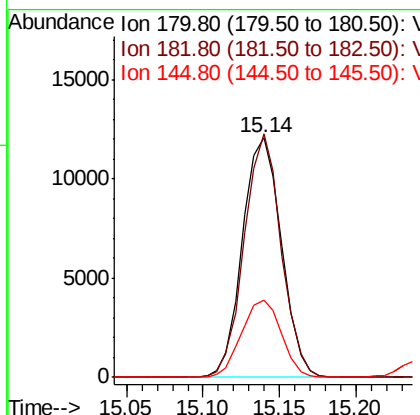
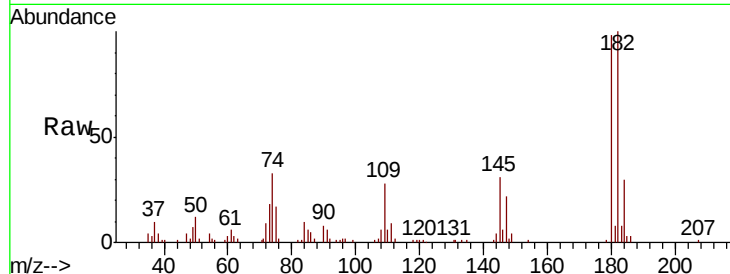




#93
 1,2,4-Trichlorobenzene
 Concen: 19.309 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

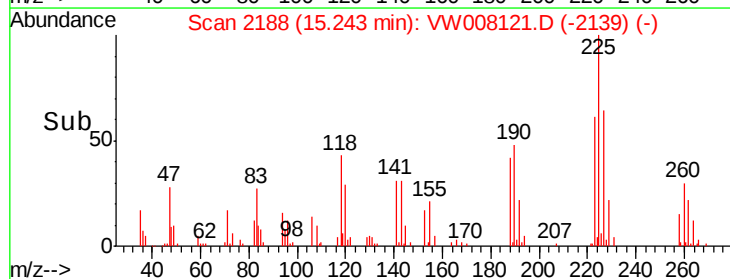
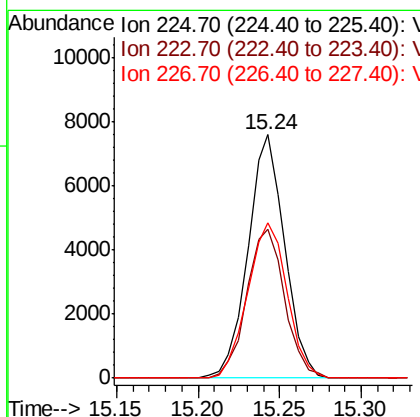
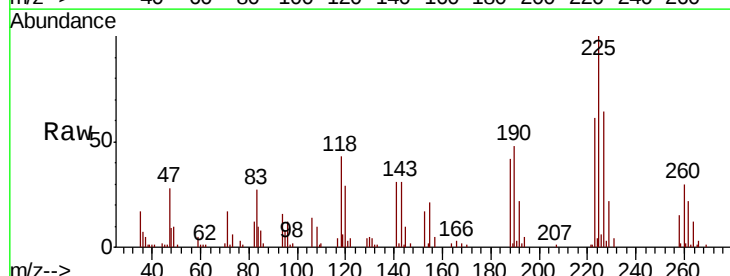
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

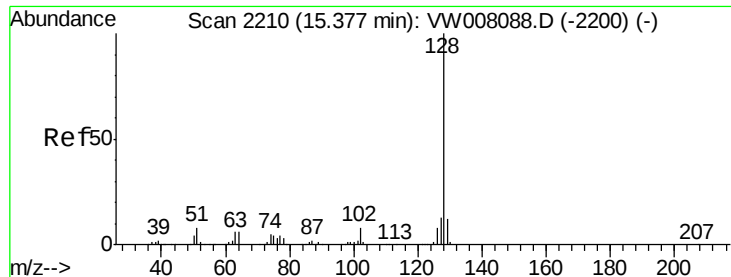
Tgt Ion:180 Resp: 21370
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.6 145.9
 145 32.8 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 20.001 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008121.D
 Acq: 10 Jan 2019 00:59

Tgt Ion:225 Resp: 11848
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.3
 227 68.6 32.0 96.2

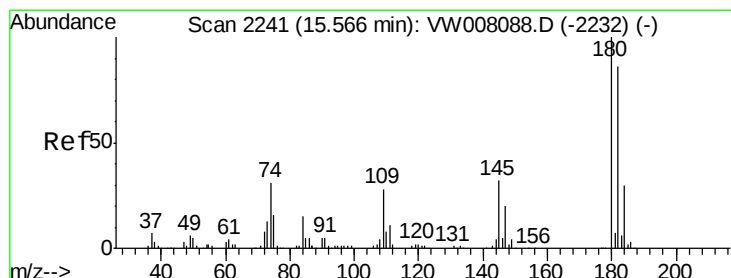
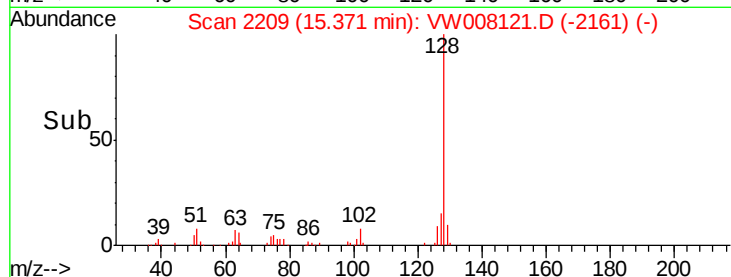
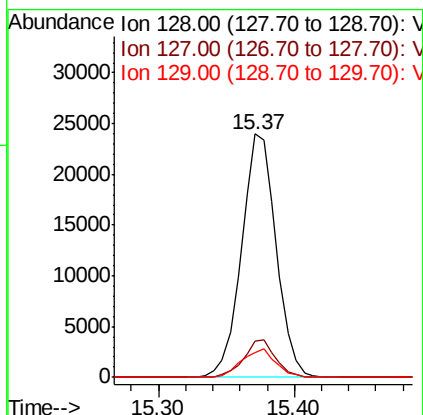
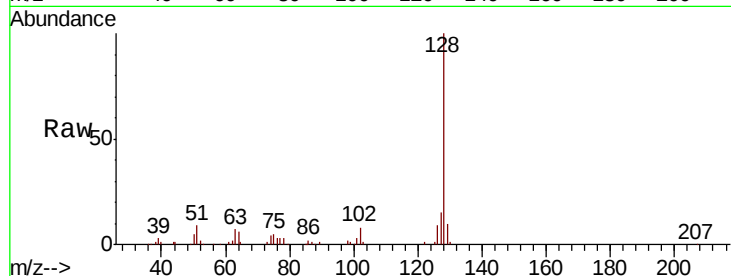




#95
Naphthalene
Concen: 20.573 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBS02

Tgt Ion:128 Resp: 42515
Ion Ratio Lower Upper
128 100
127 14.2 11.0 16.4
129 11.5 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 20.770 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008121.D
Acq: 10 Jan 2019 00:59

Tgt Ion:180 Resp: 19596
Ion Ratio Lower Upper
180 100
182 92.6 46.5 139.3
145 31.3 17.4 52.2

