

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008065.D
 Acq On : 07 Jan 2019 13:15
 Operator : SY/AP
 Sample : VW0107SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

Quant Time: Jan 08 03:42:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	116730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38360	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.88	113	33855	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	10.32	98	131853	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.62	95	47139	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11853	18.112	ug/l	96
3) Chloromethane	2.21	50	9172	18.892	ug/l	97
4) Vinyl Chloride	2.37	62	13564	21.632	ug/l	92
5) Bromomethane	2.78	94	8219	20.632	ug/l	87
6) Chloroethane	2.93	64	7143	22.288	ug/l	98
7) Trichlorofluoromethane	3.26	101	13306	21.140	ug/l	91
8) Diethyl Ether	3.68	74	6754	20.892	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15353	20.526	ug/l	98
10) Methyl Iodide	4.26	142	24634	20.471	ug/l	98
11) Tert butyl alcohol	5.21	59	4765	92.986	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	14999	20.949	ug/l	92
13) Acrolein	3.89	56	3468	99.884	ug/l	97
14) Allyl chloride	4.67	41	20479	21.113	ug/l	98
15) Acrylonitrile	5.37	53	13128	110.408	ug/l	97
16) Acetone	4.14	43	14315	117.242	ug/l	92
17) Carbon Disulfide	4.38	76	43988	20.113	ug/l	100
18) Methyl Acetate	4.68	43	6893	21.769	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	24828	22.035	ug/l	97
20) Methylene Chloride	4.92	84	15551	19.188	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	16150	20.732	ug/l	99
22) Diisopropyl ether	6.31	45	37857	21.744	ug/l #	96
23) Vinyl Acetate	6.26	43	108727	111.618	ug/l	99
24) 1,1-Dichloroethane	6.22	63	26941	20.827	ug/l	96
25) 2-Butanone	7.18	43	16366	113.766	ug/l	96
26) 2,2-Dichloropropane	7.17	77	22539	21.148	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	17337	20.893	ug/l	98
28) Bromochloromethane	7.52	49	8888	21.377	ug/l	99
29) Tetrahydrofuran	7.54	42	9520	106.539	ug/l	99
30) Chloroform	7.68	83	30018	20.705	ug/l	99
31) Cyclohexane	7.95	56	24749	20.527	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	28979	20.890	ug/l	98
36) 1,1-Dichloropropene	8.09	75	23950	20.799	ug/l	99
37) Ethyl Acetate	7.26	43	7541	21.802	ug/l	100
38) Carbon Tetrachloride	8.07	117	27891	20.211	ug/l	94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29274	20.395	ug/l	97
40) Benzene	8.33	78	61527	20.254	ug/l	99
41) Methacrylonitrile	7.49	41	4674	22.983	ug/l	95
42) 1,2-Dichloroethane	8.40	62	20533	20.287	ug/l	99
43) Isopropyl Acetate	8.43	43	15431	22.328	ug/l	99
44) Trichloroethene	9.09	130	18160	20.258	ug/l	99
45) 1,2-Dichloropropane	9.37	63	13558	20.620	ug/l	95
46) Dibromomethane	9.46	93	8104	21.081	ug/l	98
47) Bromodichloromethane	9.65	83	22432	20.833	ug/l	99
48) Methyl methacrylate	9.44	41	7599	21.807	ug/l	97
49) 1,4-Dioxane	9.46	88	2155	378.800	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	35973	112.449	ug/l	99
52) Toluene	10.39	92	41536	20.712	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21454	20.721	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	24092	20.852	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	10818	20.784	ug/l	97
56) Ethyl methacrylate	10.65	69	12755	21.676	ug/l	98
57) 1,3-Dichloropropane	10.93	76	17801	20.127	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	32223	115.467	ug/l	96
59) 2-Hexanone	10.97	43	25341	114.744	ug/l	98
60) Dibromochloromethane	11.13	129	14147	19.856	ug/l	100
61) 1,2-Dibromoethane	11.24	107	10214	19.609	ug/l	98
64) Tetrachloroethene	10.87	164	14759	22.125	ug/l	93
65) Chlorobenzene	11.66	112	42876	20.774	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	15669	20.964	ug/l	100
67) Ethyl Benzene	11.73	91	78828	21.518	ug/l	97
68) m/p-Xylenes	11.84	106	58836	41.542	ug/l	94
69) o-Xylene	12.17	106	28114	21.333	ug/l	89
70) Styrene	12.18	104	43886	20.431	ug/l	99
71) Bromoform	12.35	173	7432	21.463	ug/l #	98
73) Isopropylbenzene	12.47	105	78893	19.751	ug/l	98
74) N-amyl acetate	12.27	43	13343	21.460	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	10349	20.362	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	15256	38.176	ug/l #	1
77) Bromobenzene	12.75	156	17081	19.895	ug/l	96
78) n-propylbenzene	12.80	91	96229	20.778	ug/l	98
79) 2-Chlorotoluene	12.90	91	53918	20.144	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	72561	21.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	3333	19.723	ug/l	93
82) 4-Chlorotoluene	12.99	91	56633	19.898	ug/l	99
83) tert-Butylbenzene	13.21	119	62696	20.842	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	69693	20.012	ug/l	97
85) sec-Butylbenzene	13.39	105	78661	19.009	ug/l	93
86) p-Isopropyltoluene	13.51	119	74434	19.942	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	34702	20.032	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	33711	19.656	ug/l	98
89) n-Butylbenzene	13.83	91	65852	19.288	ug/l	99
90) Hexachloroethane	14.10	117	13095	20.219	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	30140	19.799	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2120	20.552	ug/l	95

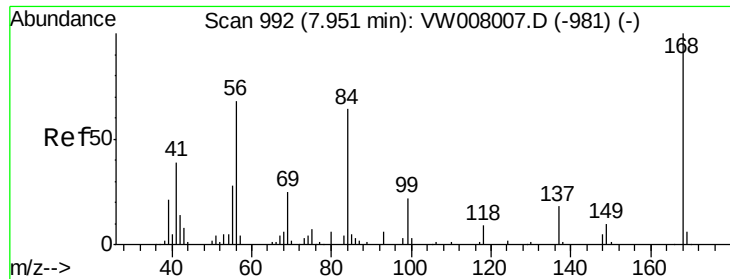
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	20997	19.639	ug/l	98
94) Hexachlorobutadiene	15.24	225	12174	19.721	ug/l	98
95) Naphthalene	15.38	128	37173	20.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	17518	19.913	ug/l	99

(#) = 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. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

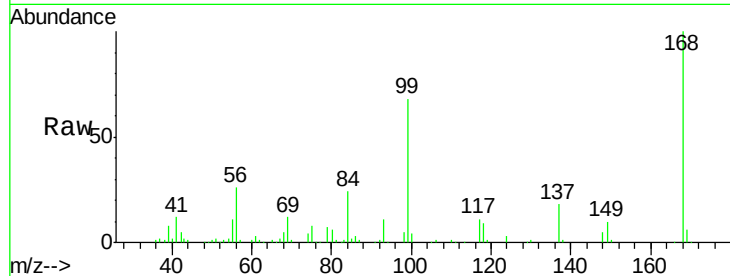
VW0107SBSD01

Tot Ion:168 Resp: 71313

Ion Ratio Lower Upper

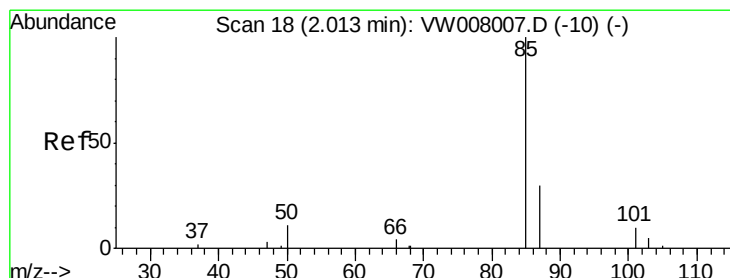
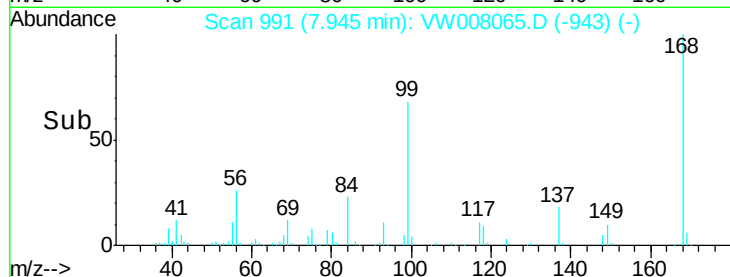
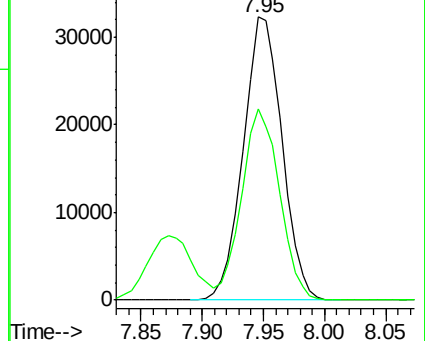
168 100

99 67.7 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.112 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008065.D

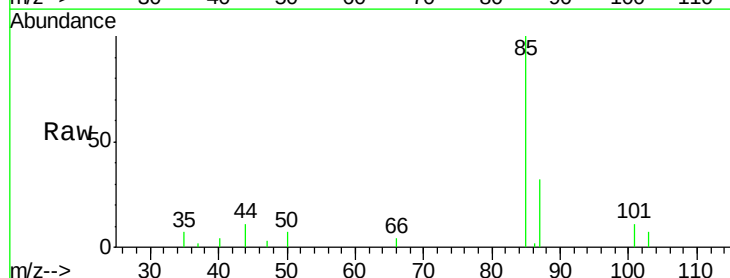
Acq: 07 Jan 2019 13:15

Tgt Ion: 85 Resp: 11853

Ion Ratio Lower Upper

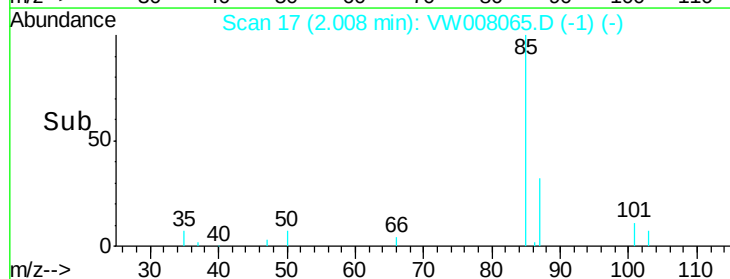
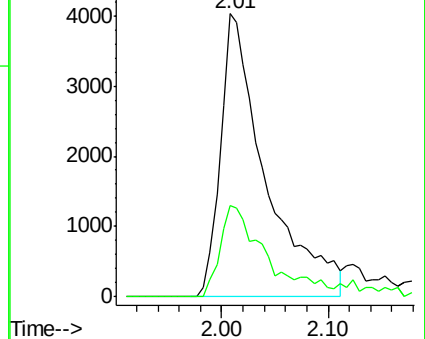
85 100

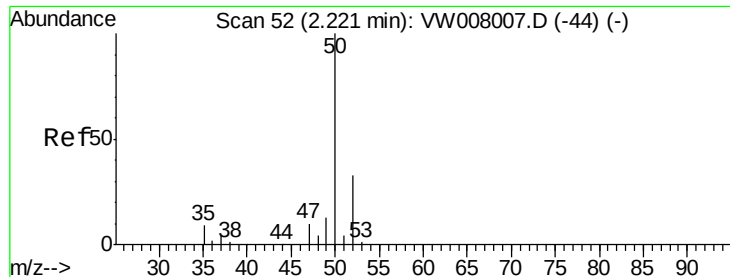
87 32.4 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.892 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

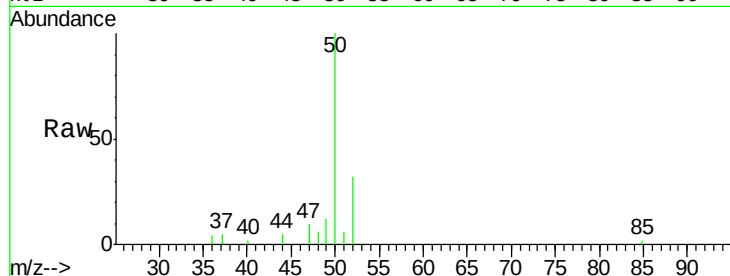
VW0107SBSD01

Tot Ion: 50 Resp: 9172

Ion Ratio Lower Upper

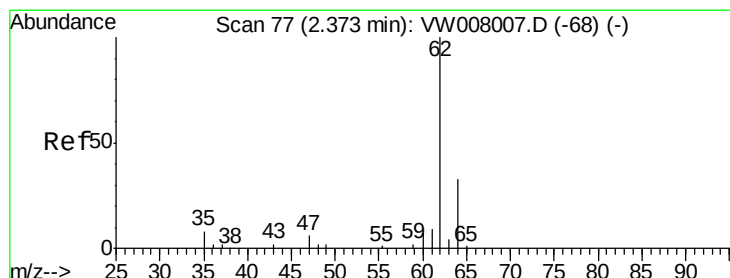
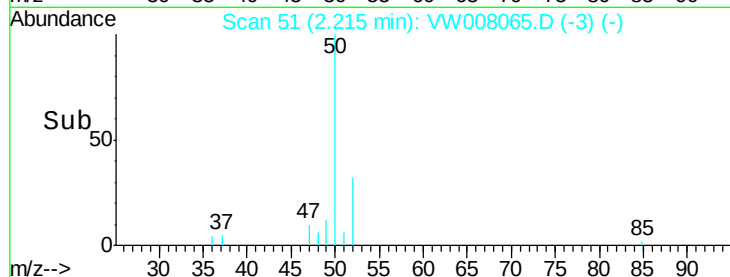
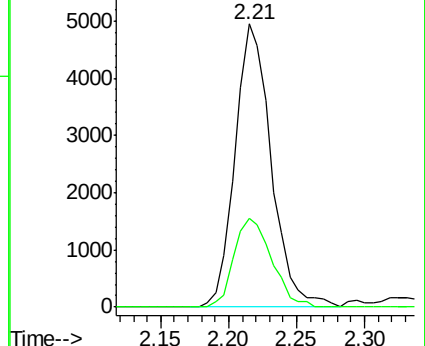
50 100

52 31.6 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.632 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW008065.D

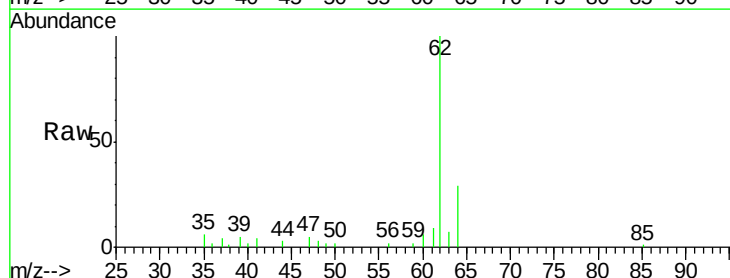
Acq: 07 Jan 2019 13:15

Tgt Ion: 62 Resp: 13564

Ion Ratio Lower Upper

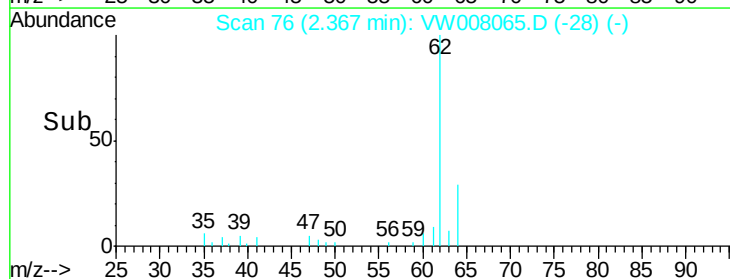
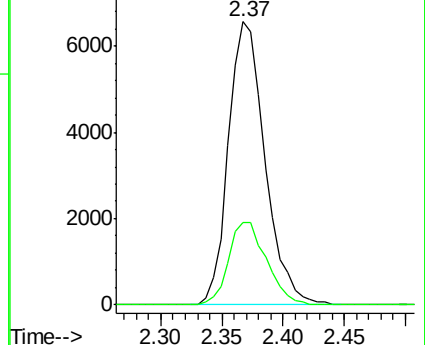
62 100

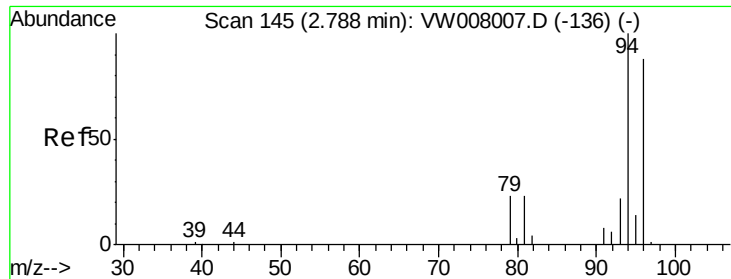
64 28.9 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

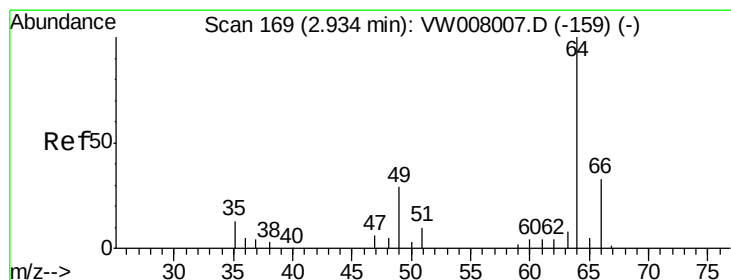
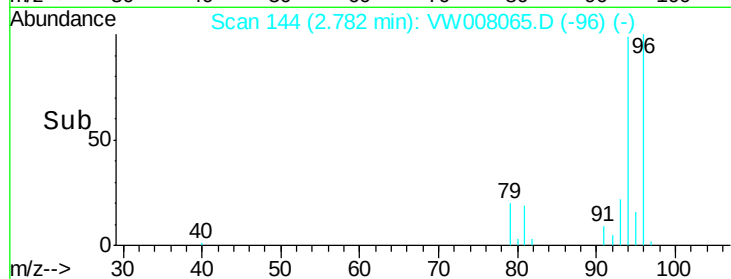
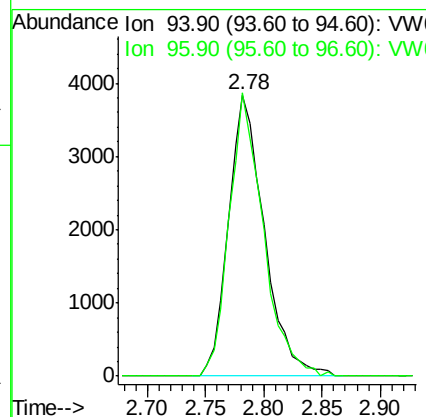
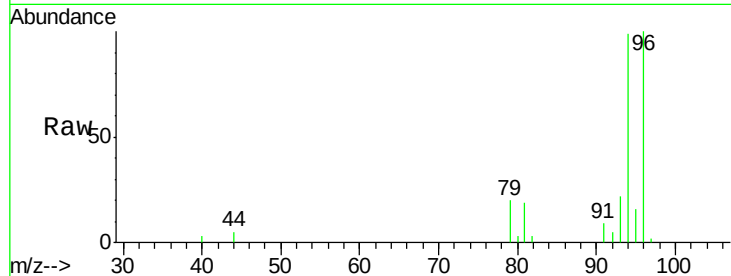




#5
Bromomethane
Concen: 20.632 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

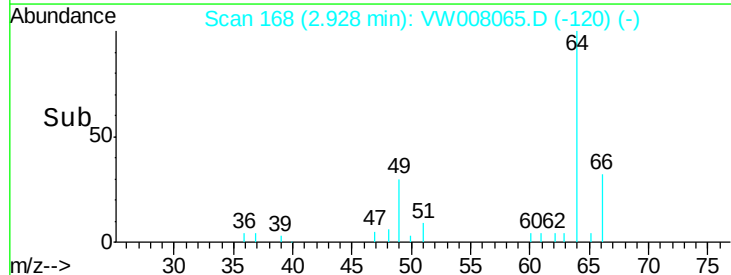
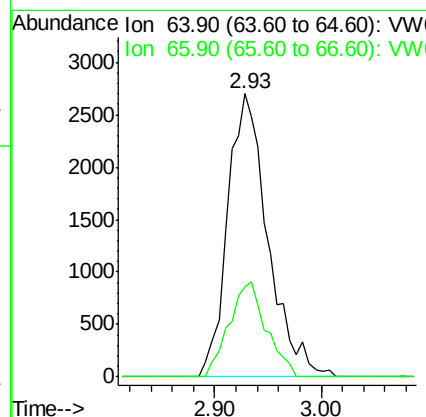
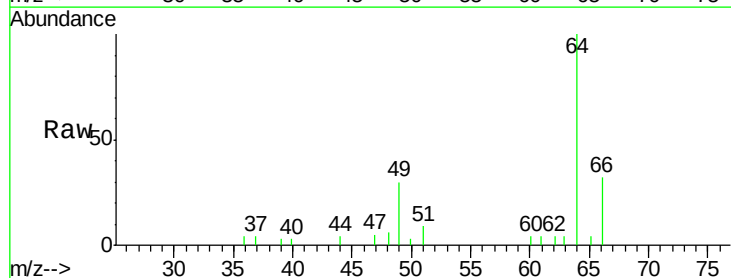
Instrument :
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ClientSampleId :
VW0107SBSD01

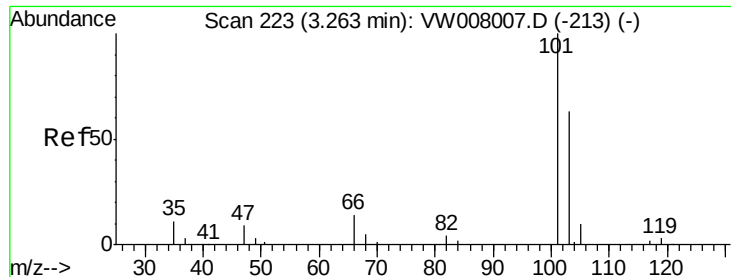
Tot Ion: 94 Resp: 8219
Ion Ratio Lower Upper
94 100
96 100.8 70.7 106.1



#6
Chloroethane
Concen: 22.288 ug/l
RT: 2.93 min Scan# 168
Delta R.T. -0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 64 Resp: 7143
Ion Ratio Lower Upper
64 100
66 32.0 26.6 39.8



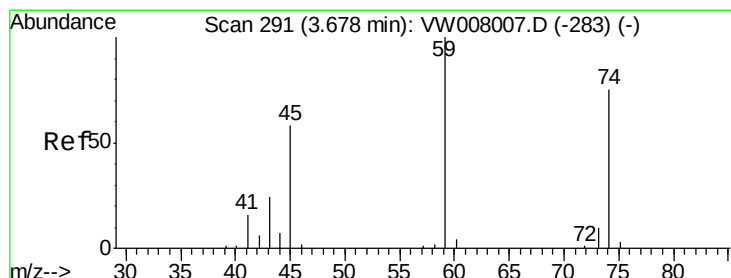
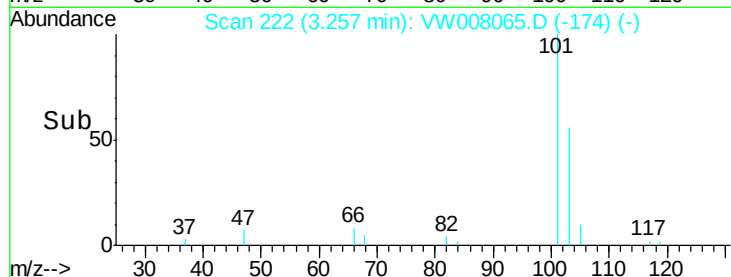
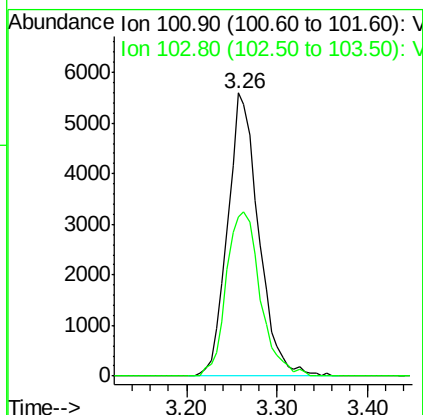
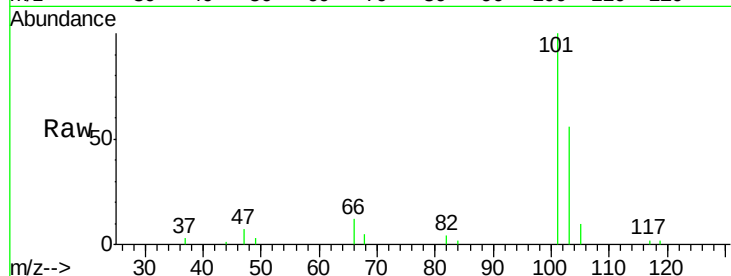


#7

Trichlorofluoromethane
 Concen: 21.140 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

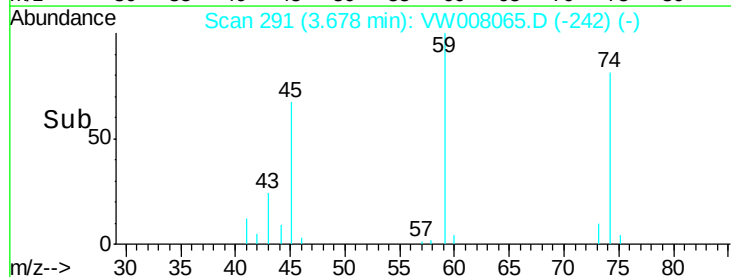
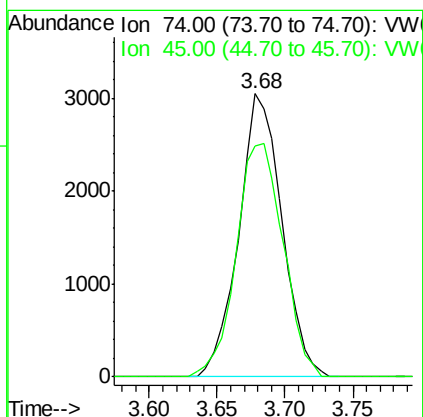
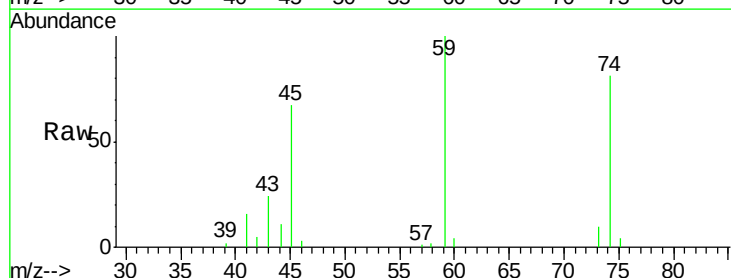
Tot Ion:101 Resp: 13306
 Ion Ratio Lower Upper
 101 100
 103 56.1 50.5 75.7

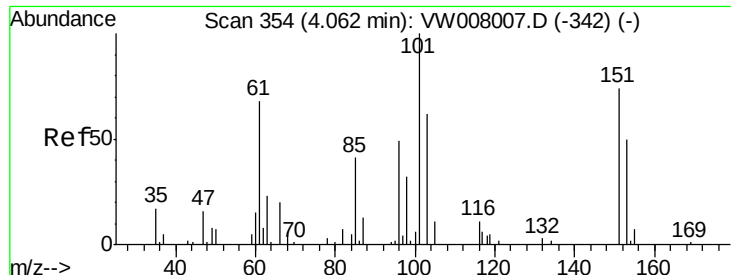


#8

Diethyl Ether
 Concen: 20.892 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion: 74 Resp: 6754
 Ion Ratio Lower Upper
 74 100
 45 89.5 41.4 124.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.526 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

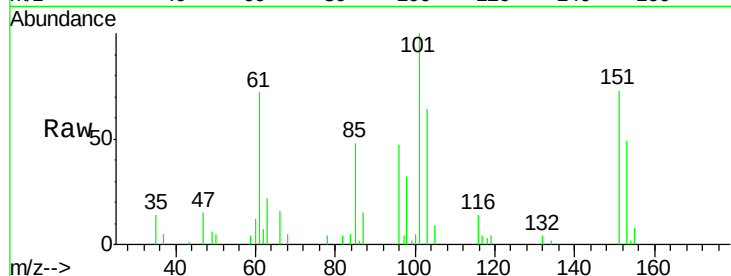
Tot Ion:101 Resp: 15353

Ion Ratio Lower Upper

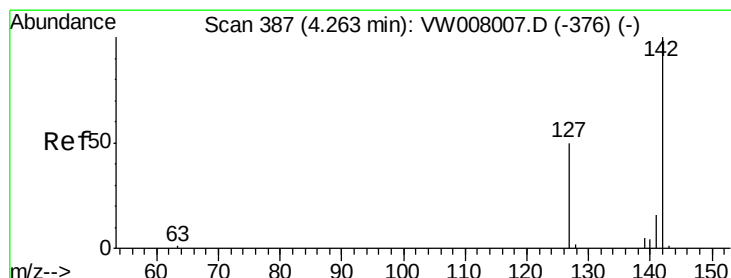
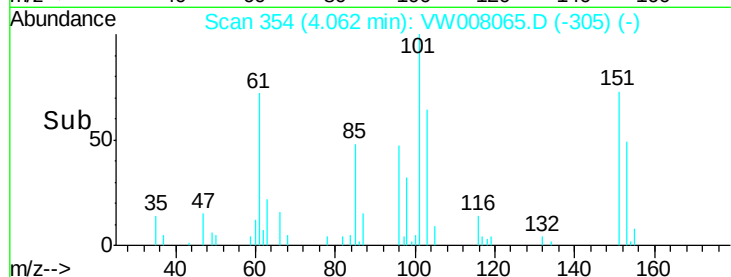
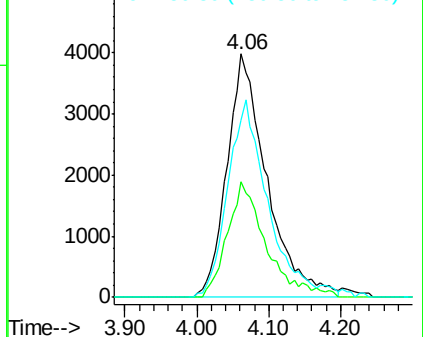
101 100

85 46.1 35.1 52.7

151 79.9 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.471 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

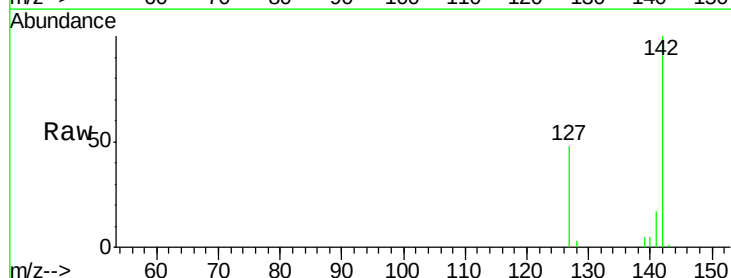
Tgt Ion:142 Resp: 24634

Ion Ratio Lower Upper

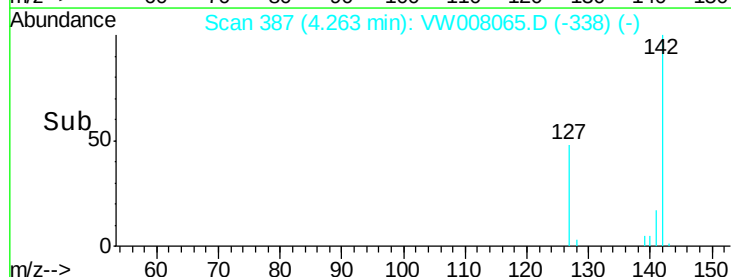
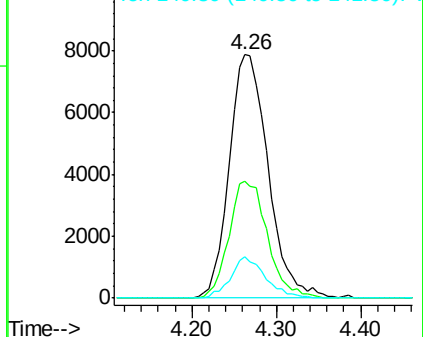
142 100

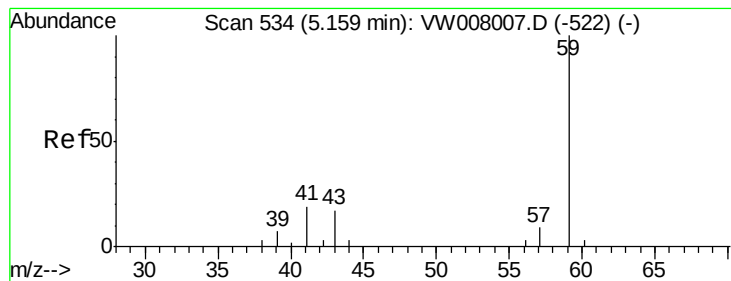
127 47.5 39.4 59.0

141 15.3 12.1 18.1



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



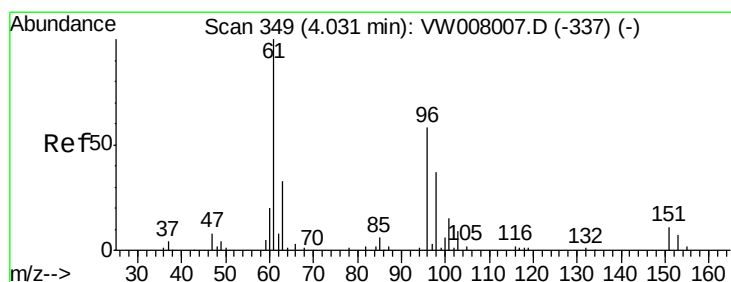
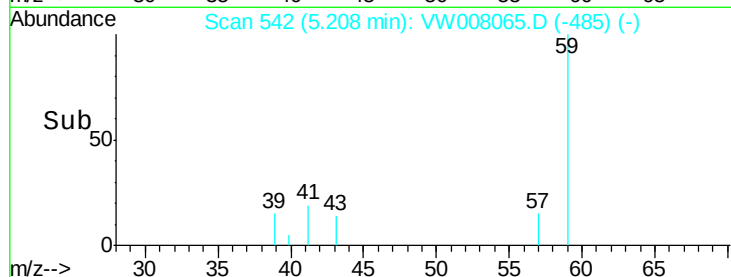
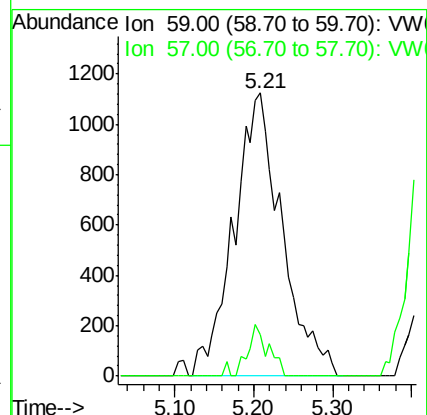
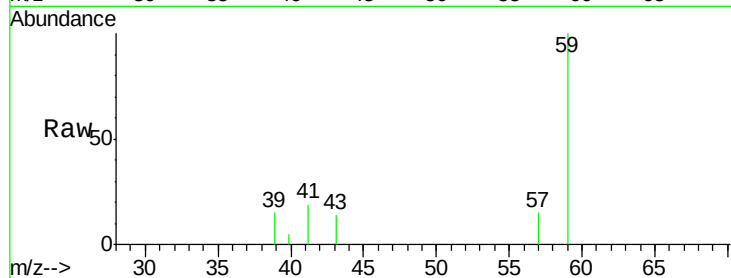


#11

Tert butyl alcohol
 Concen: 92.986 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. 0.05 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

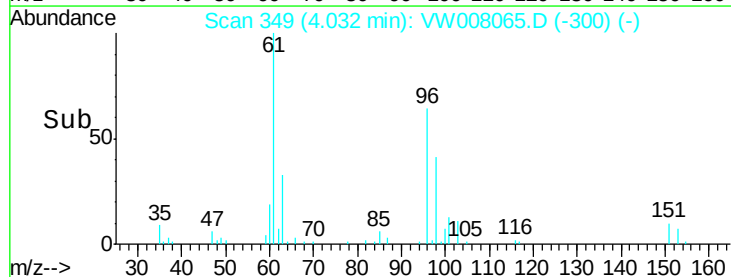
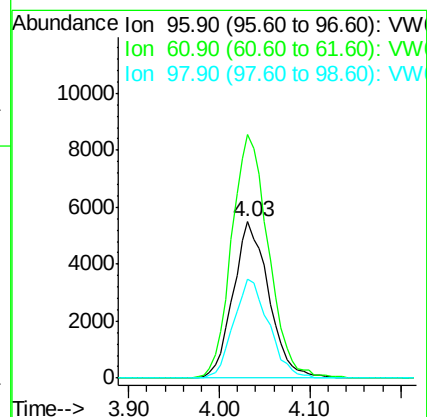
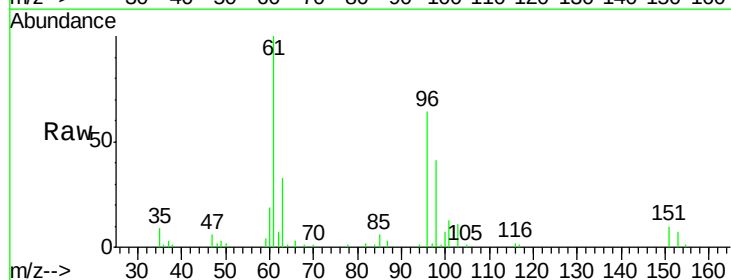
Tot Ion: 59 Resp: 4765
 Ion Ratio Lower Upper
 59 100
 57 7.5 9.0 13.4#

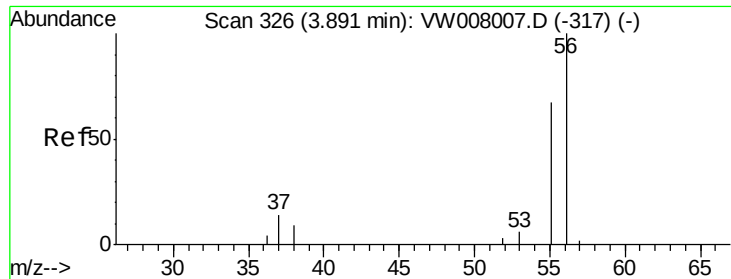


#12

1,1-Dichloroethene
 Concen: 20.949 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion: 96 Resp: 14999
 Ion Ratio Lower Upper
 96 100
 61 155.7 137.3 205.9
 98 63.1 50.5 75.7





#13

Acrolein

Concen: 99.884 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

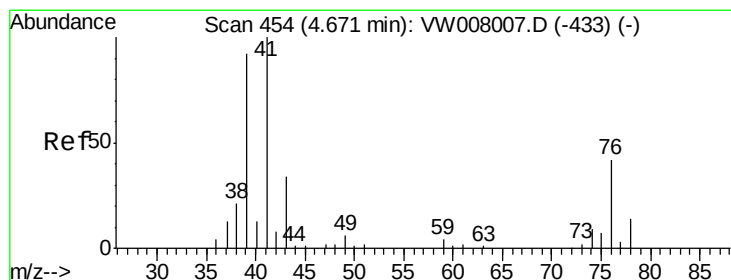
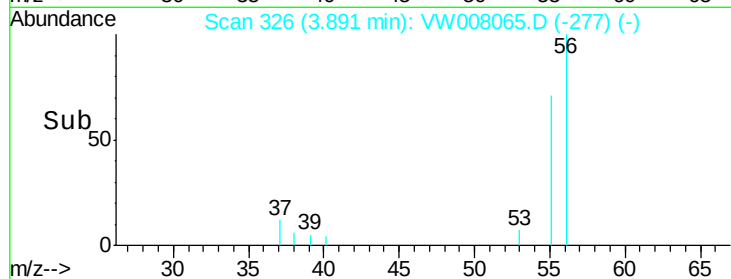
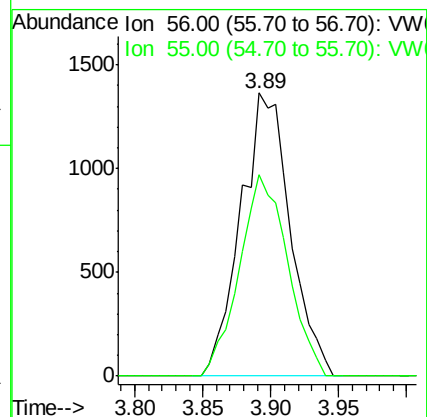
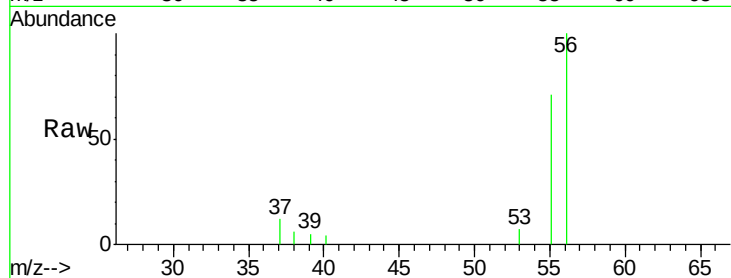
VW0107SBSD01

Tot Ion: 56 Resp: 3468

Ion Ratio Lower Upper

56 100

55 69.4 57.3 85.9



#14

Allyl chloride

Concen: 21.113 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

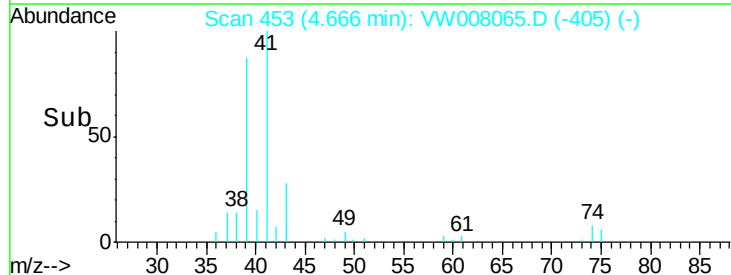
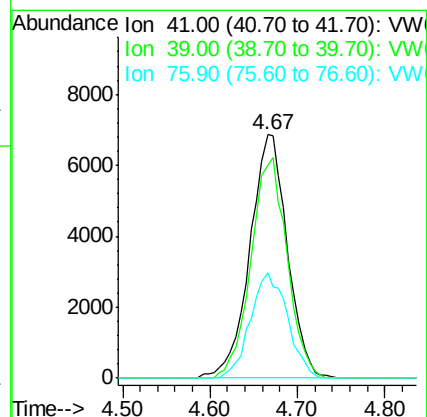
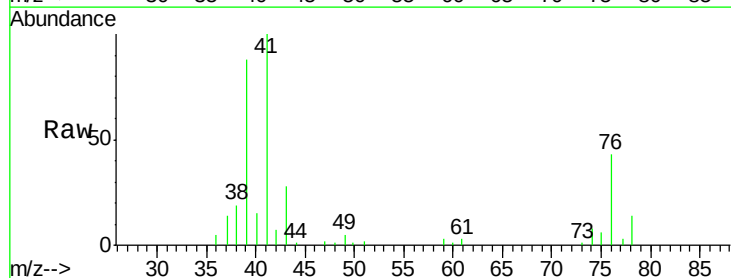
Tgt Ion: 41 Resp: 20479

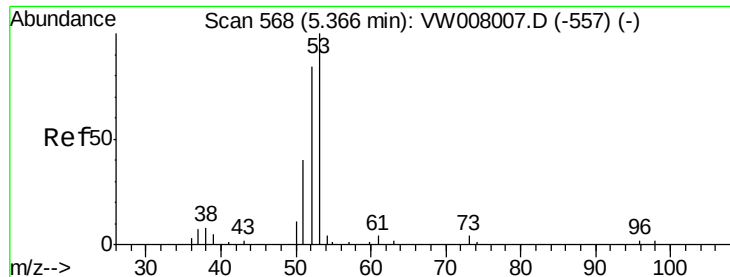
Ion Ratio Lower Upper

41 100

39 87.1 71.1 106.7

76 42.7 33.4 50.2





#15

Acrylonitrile

Concen: 110.408 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

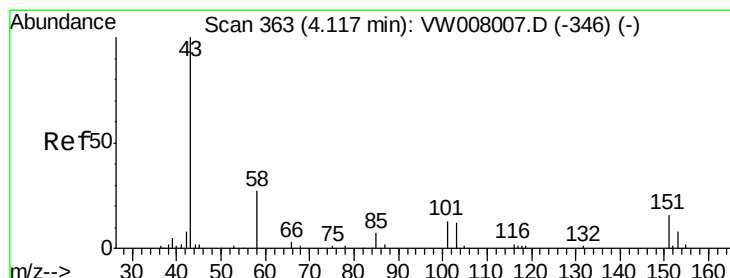
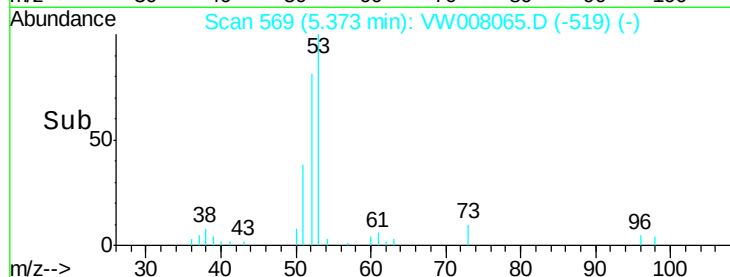
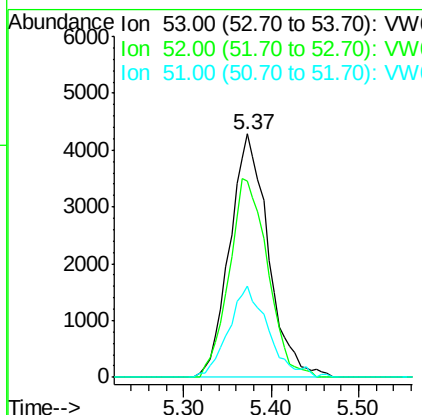
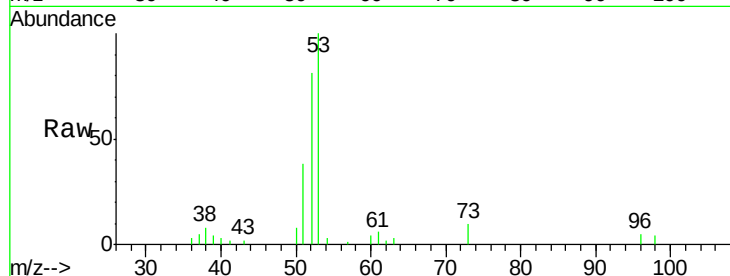
Tot Ion: 53 Resp: 13128

Ion Ratio Lower Upper

53 100

52 81.7 67.8 101.8

51 38.4 31.5 47.3



#16

Acetone

Concen: 117.242 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW008065.D

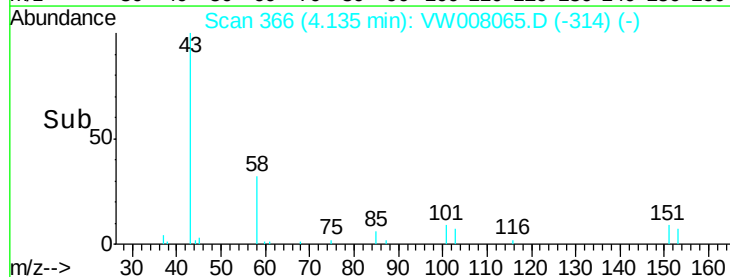
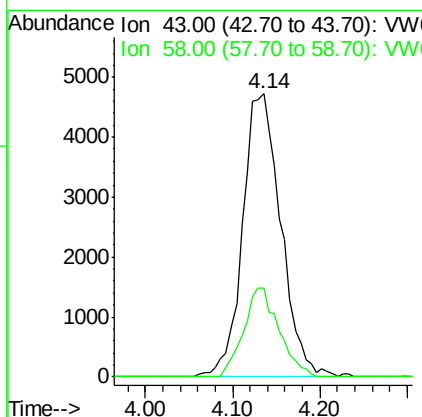
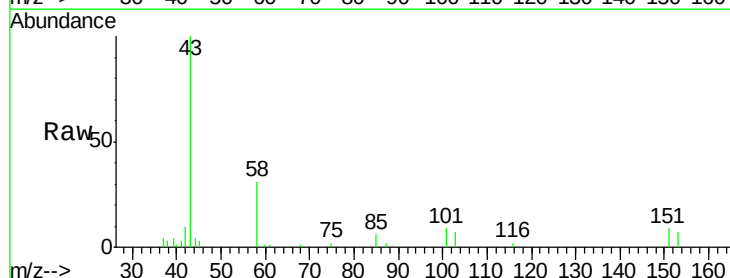
Acq: 07 Jan 2019 13:15

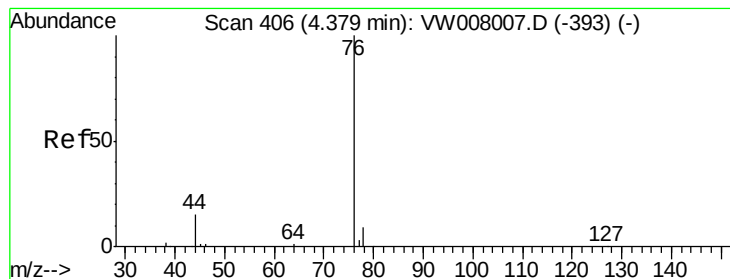
Tgt Ion: 43 Resp: 14315

Ion Ratio Lower Upper

43 100

58 31.4 21.7 32.5





#17

Carbon Disulfide

Concen: 20.113 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

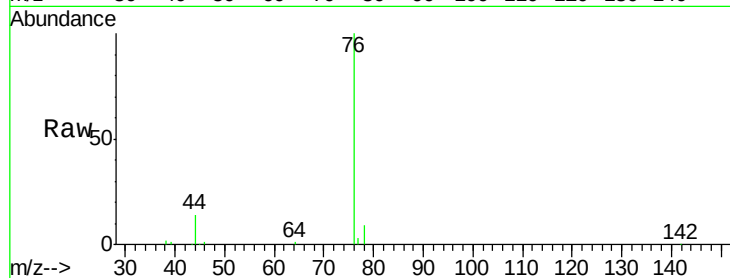
VW0107SBSD01

Tot Ion: 76 Resp: 43988

Ion Ratio Lower Upper

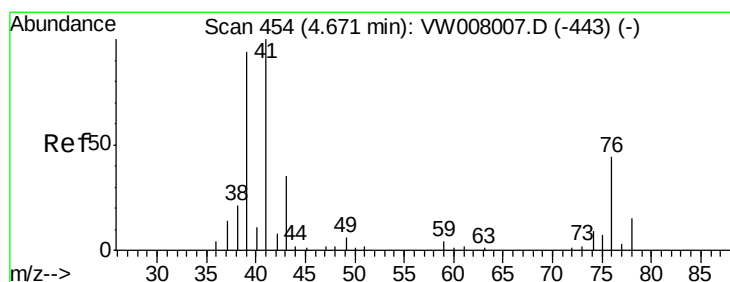
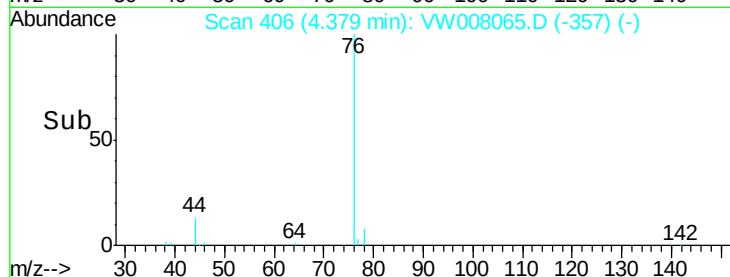
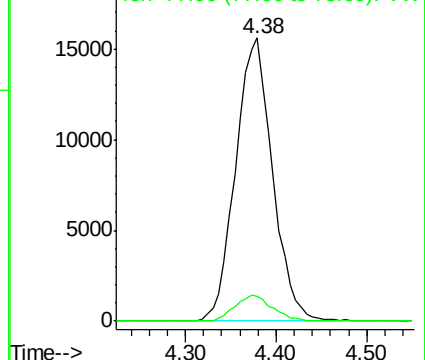
76 100

78 8.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 21.769 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW008065.D

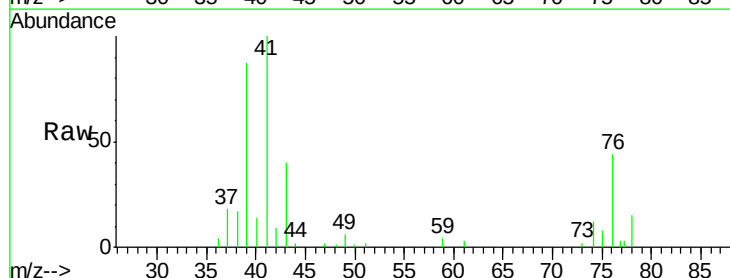
Acq: 07 Jan 2019 13:15

Tgt Ion: 43 Resp: 6893

Ion Ratio Lower Upper

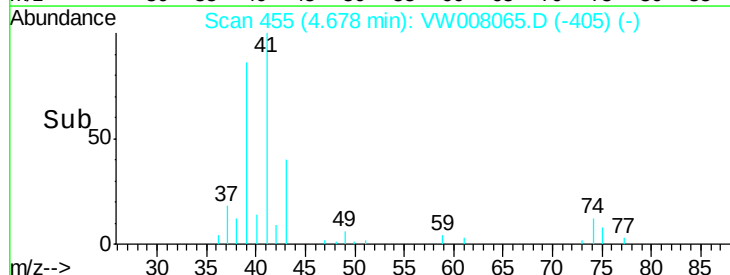
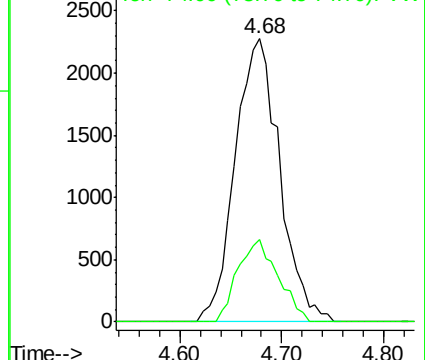
43 100

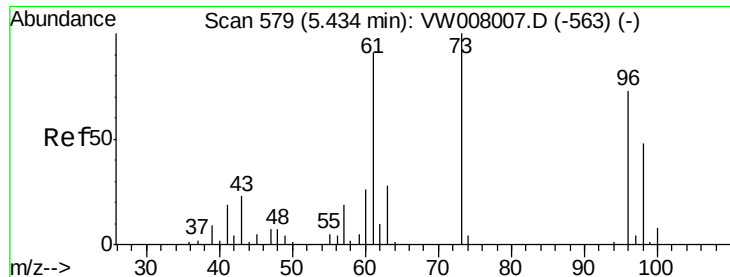
74 26.3 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



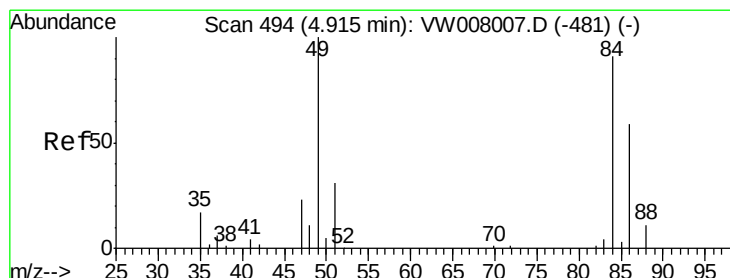
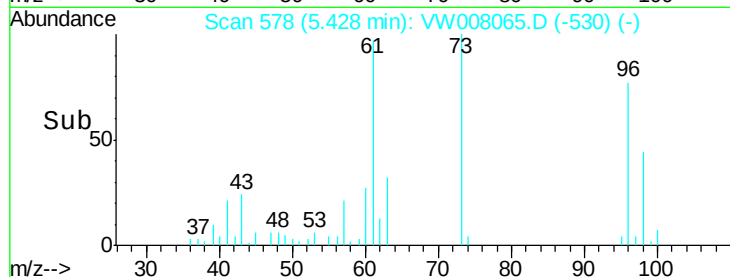
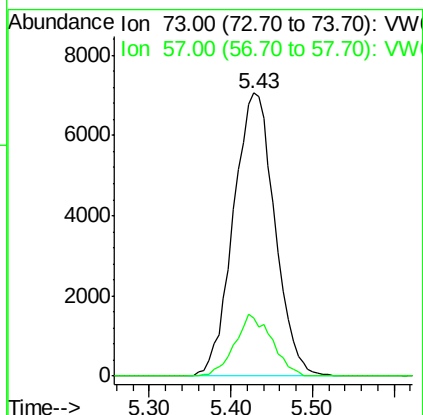
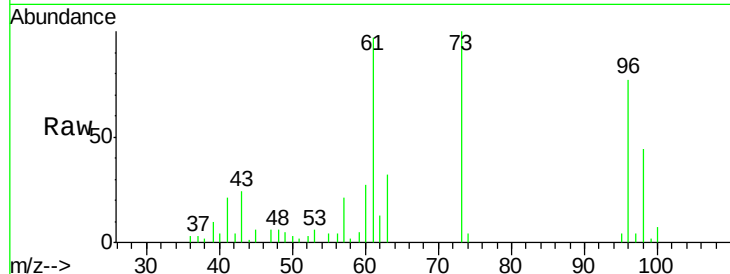


#19

Methyl tert-butyl Ether
 Concen: 22.035 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

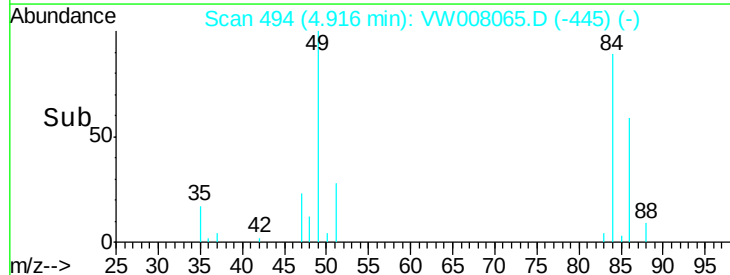
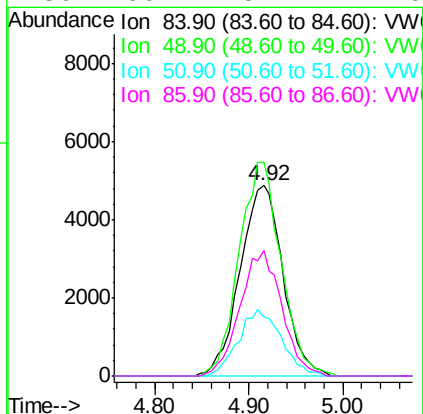
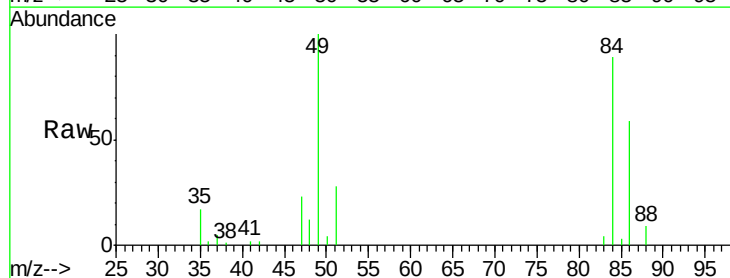
Tot Ion: 73 Resp: 24828
 Ion Ratio Lower Upper
 73 100
 57 20.7 15.4 23.0

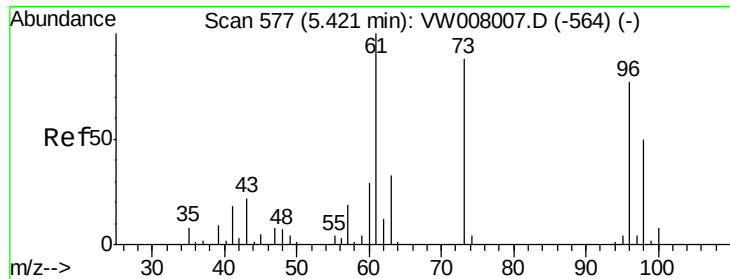


#20

Methylene Chloride
 Concen: 19.188 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion: 84 Resp: 15551
 Ion Ratio Lower Upper
 84 100
 49 112.1 87.7 131.5
 51 30.9 27.3 40.9
 86 66.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.732 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

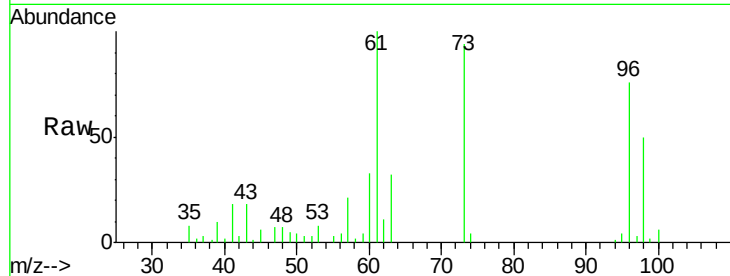
Tot Ion: 96 Resp: 16150

Ion Ratio Lower Upper

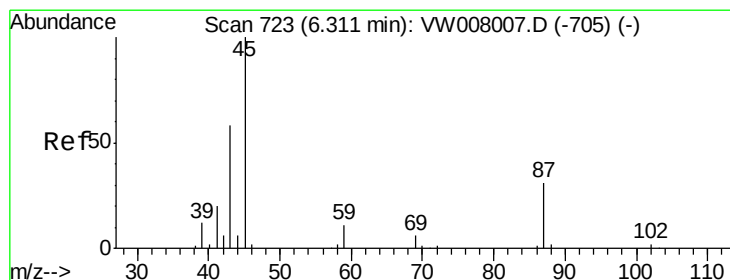
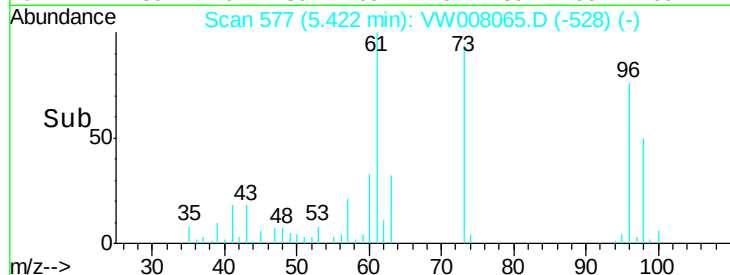
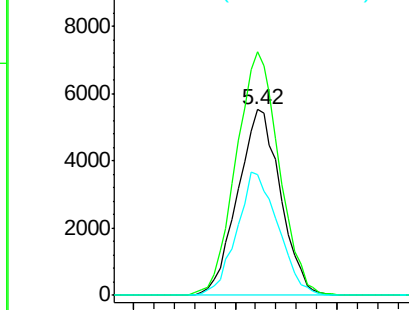
96 100

61 131.2 104.2 156.2

98 65.1 51.8 77.6



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



#22

Diisopropyl ether

Concen: 21.744 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion: 45 Resp: 37857

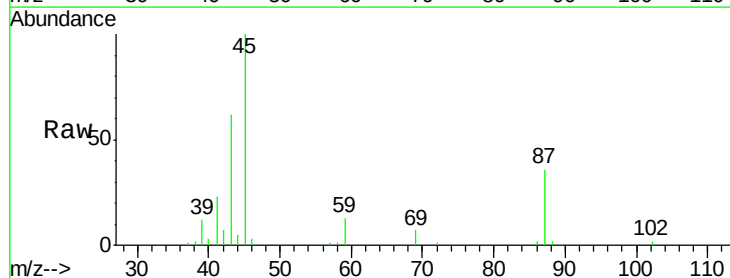
Ion Ratio Lower Upper

45 100

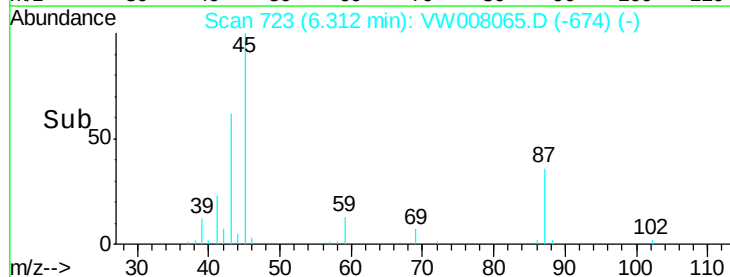
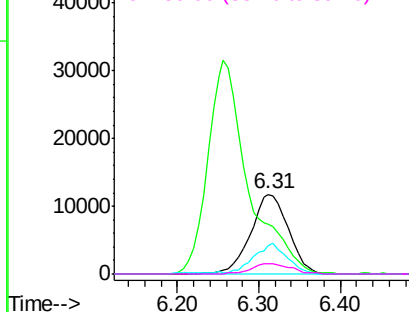
43 61.6 48.1 72.1

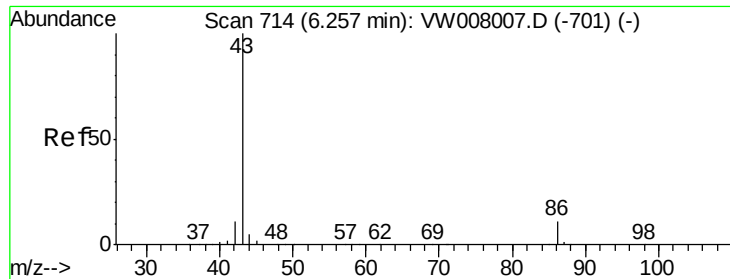
87 35.7 25.8 38.8

59 13.1 8.7 13.1#



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 111.618 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

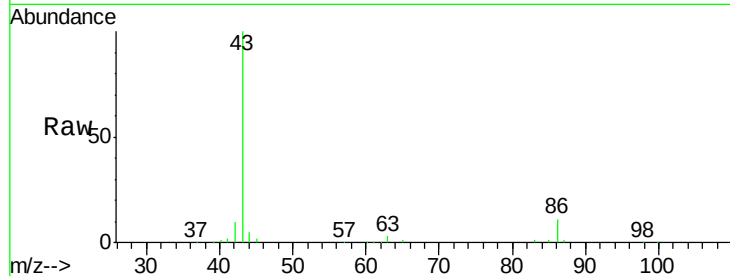
VW0107SBSD01

Tot Ion: 43 Resp: 108727

Ion Ratio Lower Upper

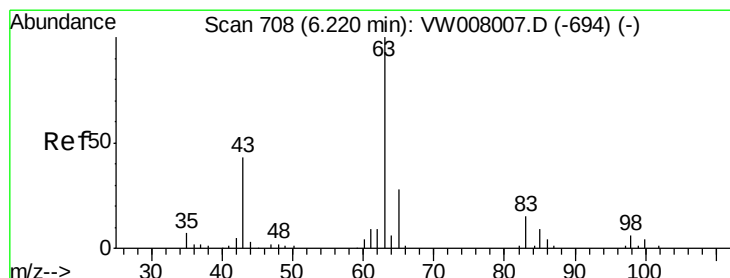
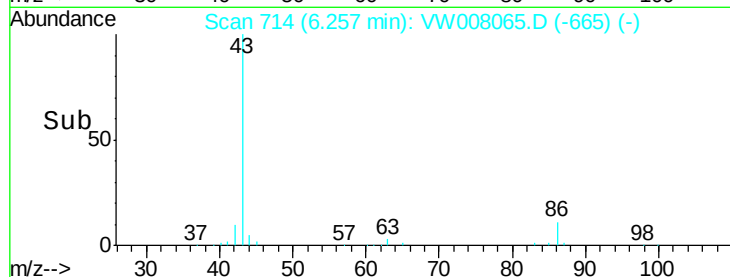
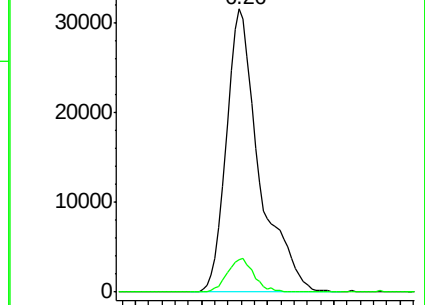
43 100

86 11.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.827 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

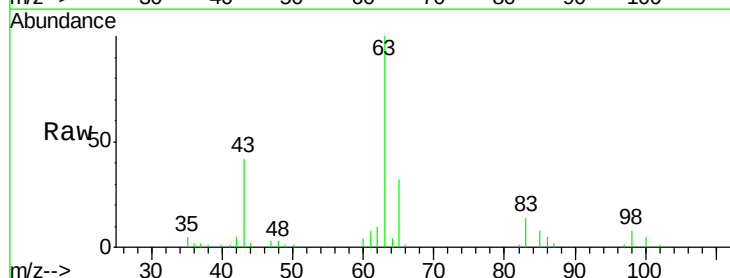
Tgt Ion: 63 Resp: 26941

Ion Ratio Lower Upper

63 100

98 8.2 3.2 9.6

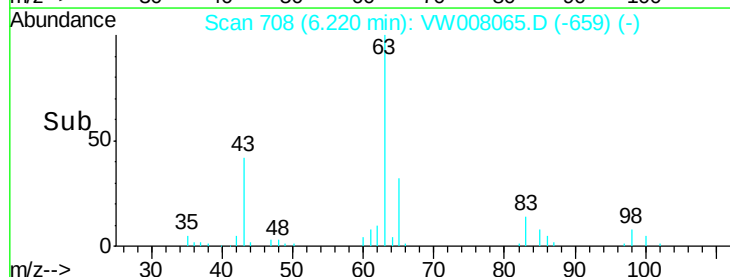
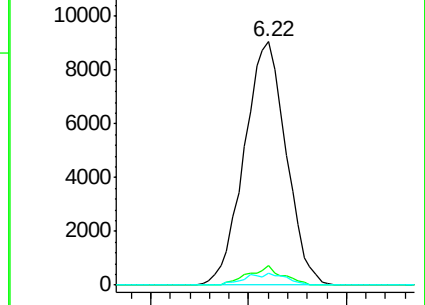
100 5.1 2.1 6.2

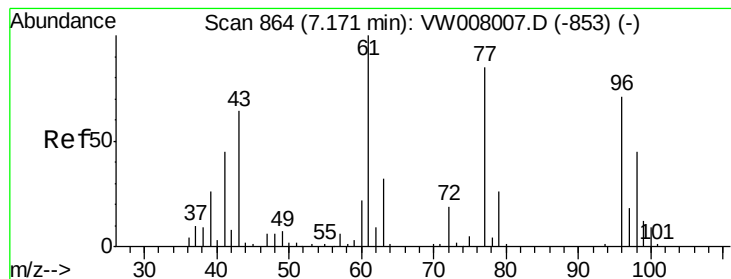


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 113.766 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

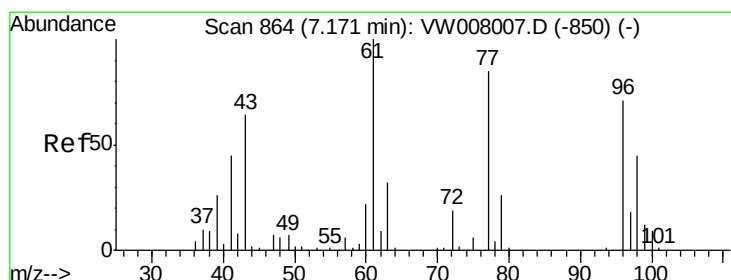
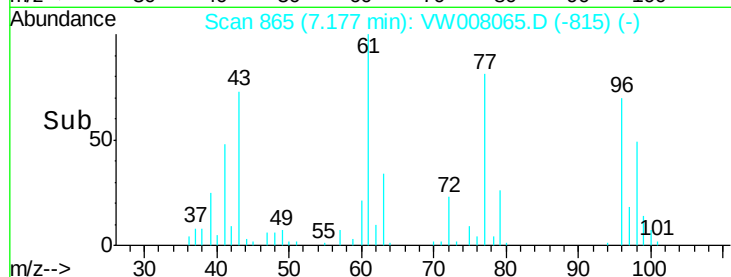
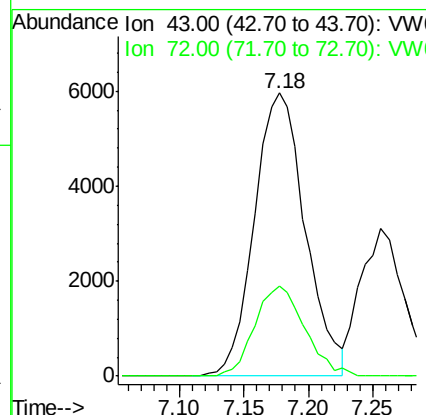
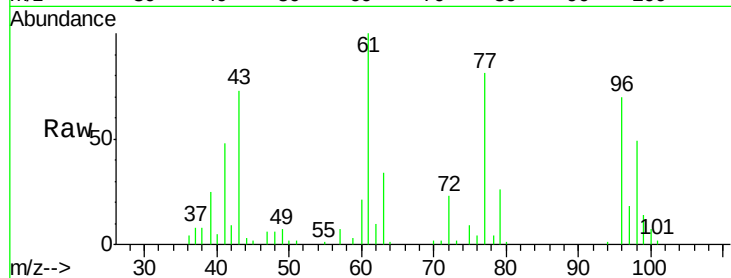
VW0107SBSD01

Tot Ion: 43 Resp: 16366

Ion Ratio Lower Upper

43 100

72 31.7 23.8 35.8



#26

2,2-Dichloropropane

Concen: 21.148 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008065.D

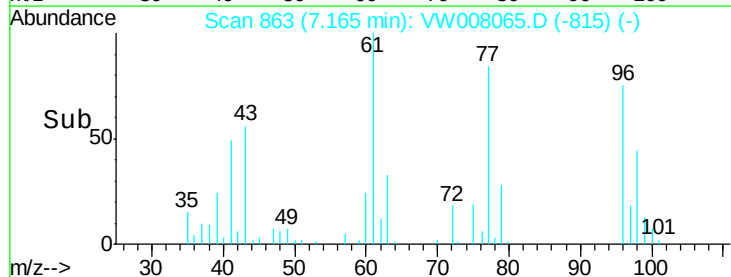
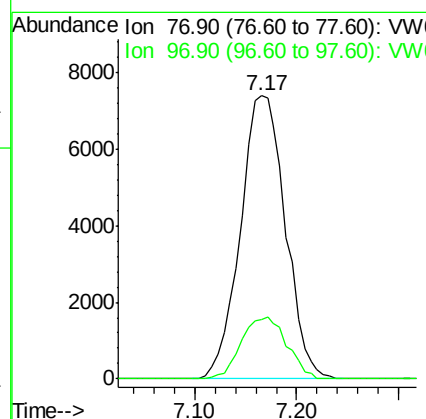
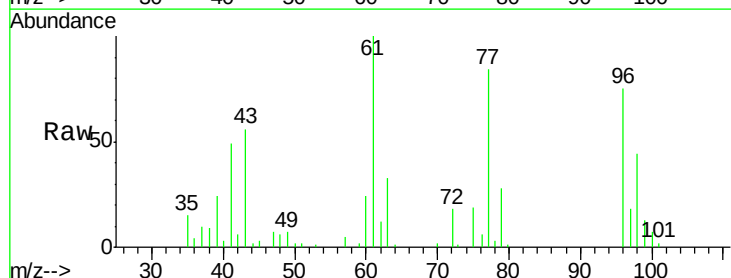
Acq: 07 Jan 2019 13:15

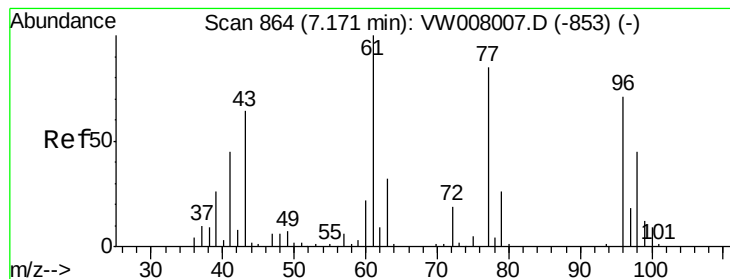
Tgt Ion: 77 Resp: 22539

Ion Ratio Lower Upper

77 100

97 22.2 11.0 33.0



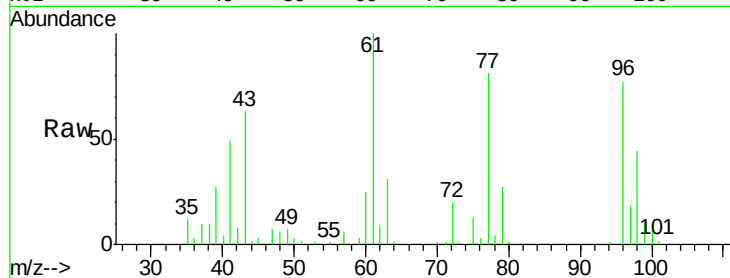


#27

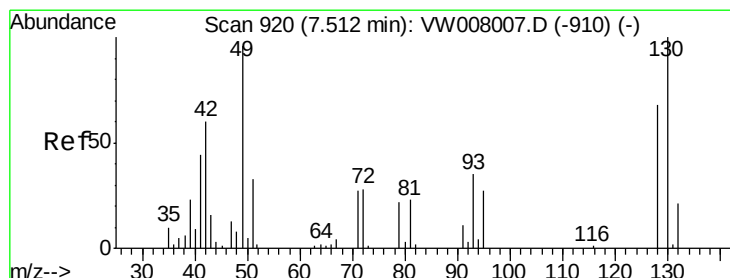
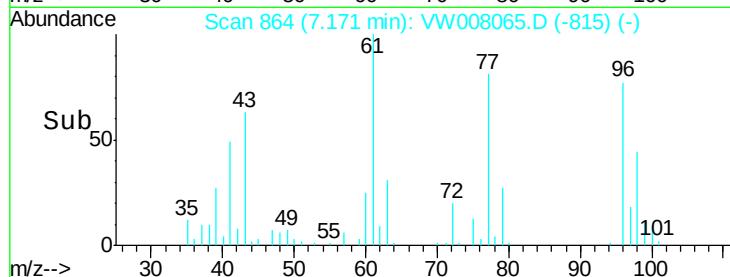
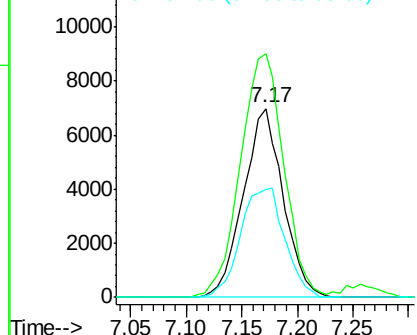
cis-1,2-Dichloroethene
Concen: 20.893 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion: 96 Resp: 17337
Ion Ratio Lower Upper
96 100
61 140.5 0.0 286.4
98 64.4 0.0 130.6



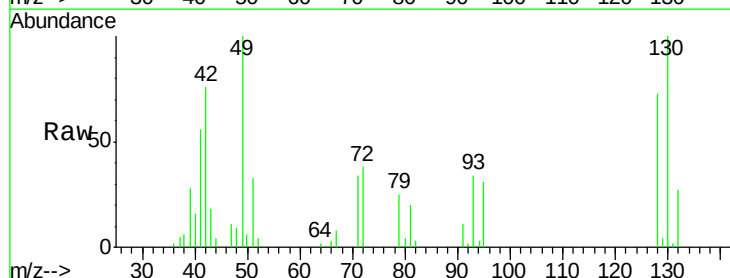
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



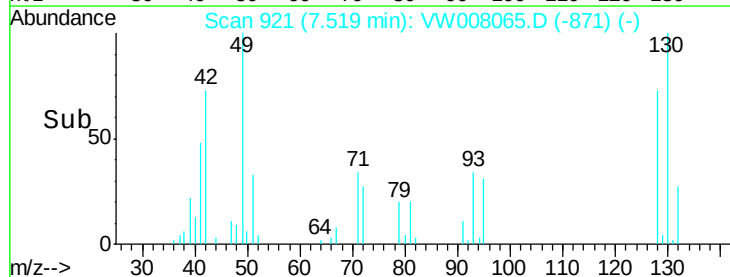
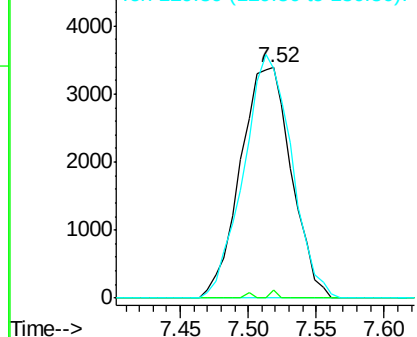
#28

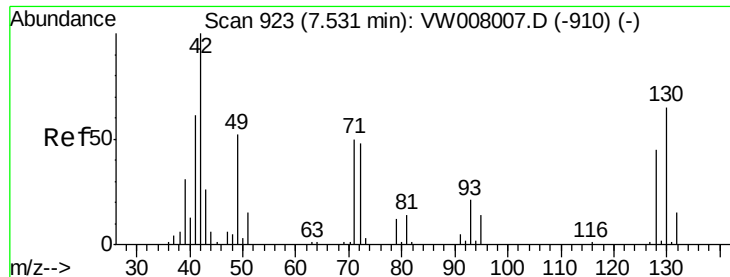
Bromochloromethane
Concen: 21.377 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 49 Resp: 8888
Ion Ratio Lower Upper
49 100
129 0.5 0.0 0.8
130 99.5 78.5 117.7



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

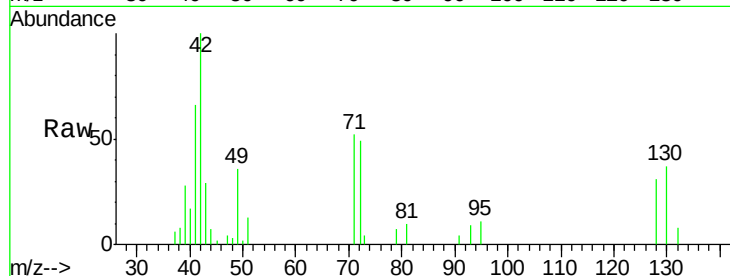




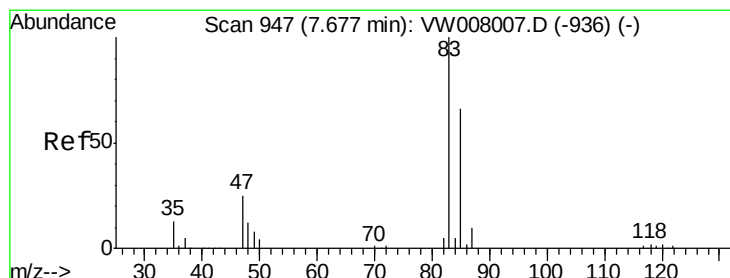
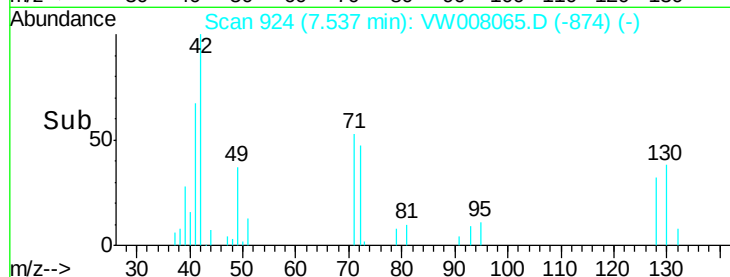
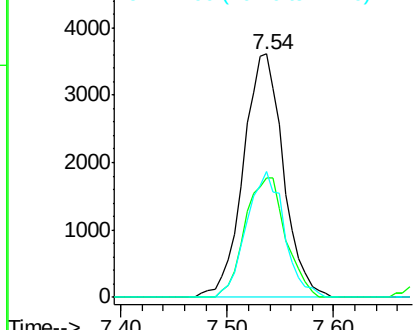
#29
Tetrahydrofuran
Concen: 106.539 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion: 42 Resp: 9520
Ion Ratio Lower Upper
42 100
72 49.9 39.0 58.6
71 48.9 39.1 58.7

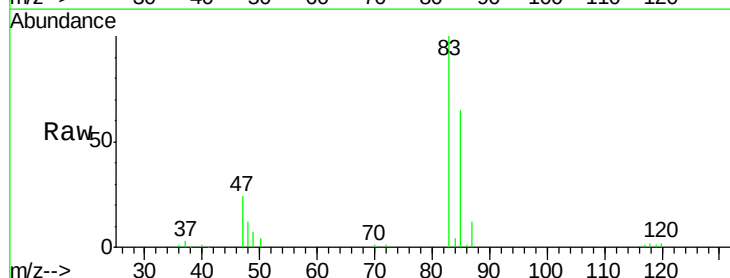


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

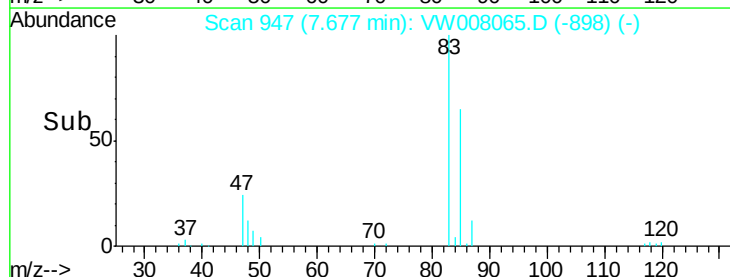
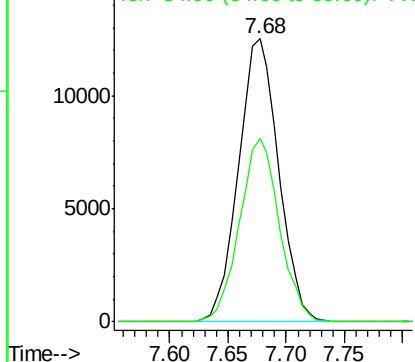


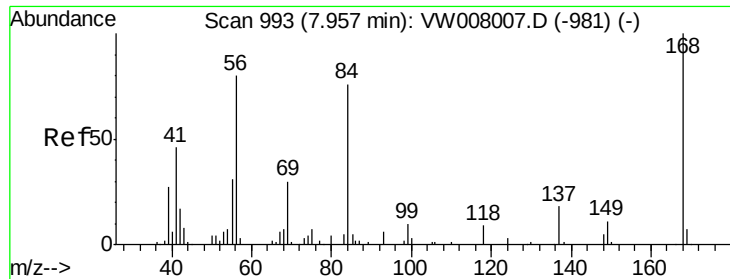
#30
Chloroform
Concen: 20.705 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 83 Resp: 30018
Ion Ratio Lower Upper
83 100
85 64.9 52.7 79.1



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

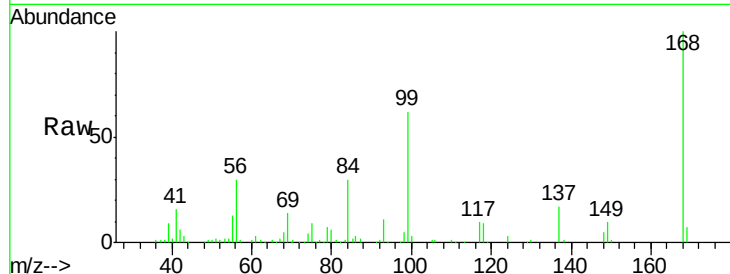




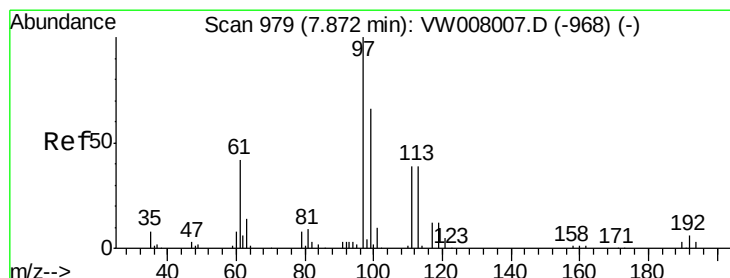
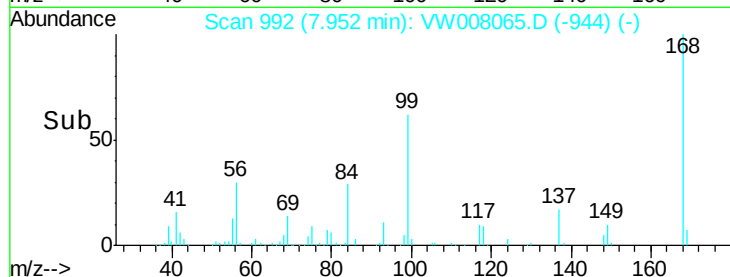
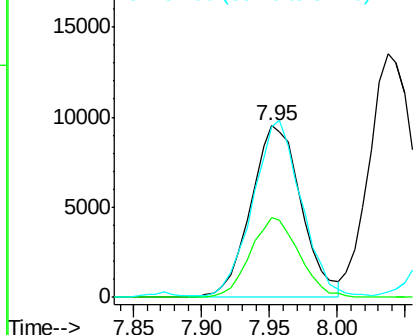
#31
Cyclohexane
Concen: 20.527 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampled :
VW0107SBSD01

Tot Ion: 56 Resp: 24749
Ion Ratio Lower Upper
56 100
69 46.7 29.8 44.6#
84 98.4 75.2 112.8

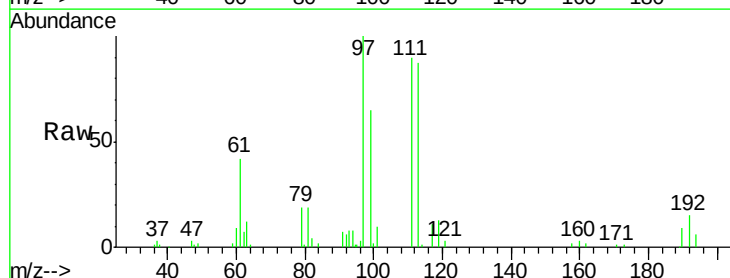


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

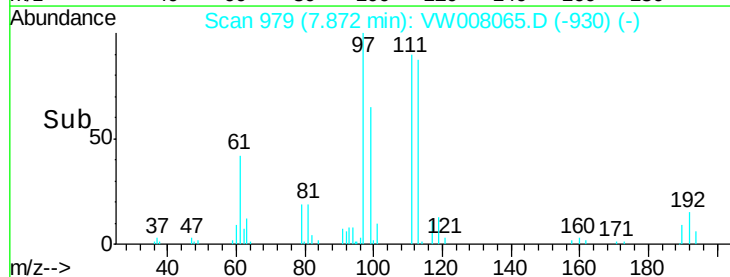
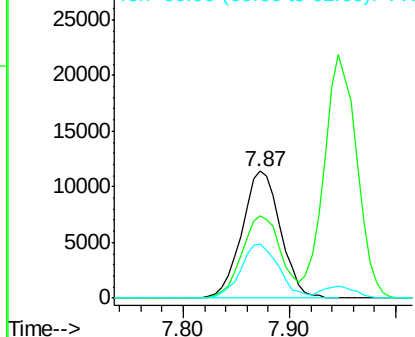


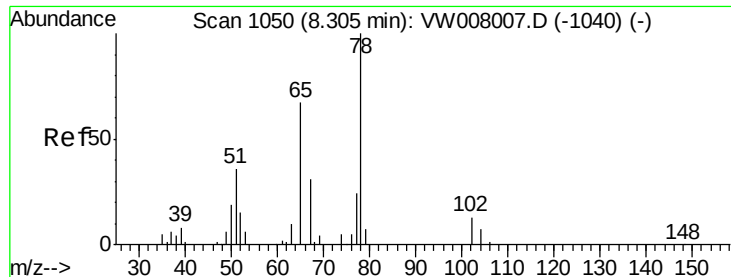
#32
1,1,1-Trichloroethane
Concen: 20.890 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 97 Resp: 28979
Ion Ratio Lower Upper
97 100
99 66.1 51.5 77.3
61 42.1 33.4 50.0



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





#33

1,2-Dichloroethane-d4

Concen: 48.633 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

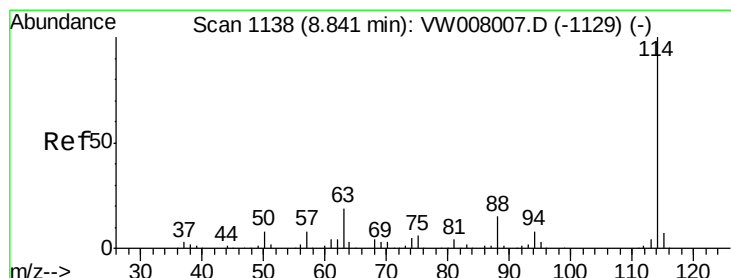
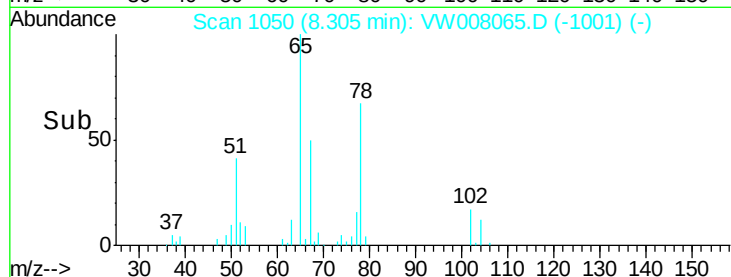
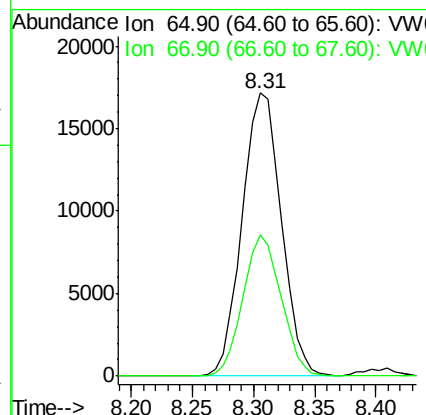
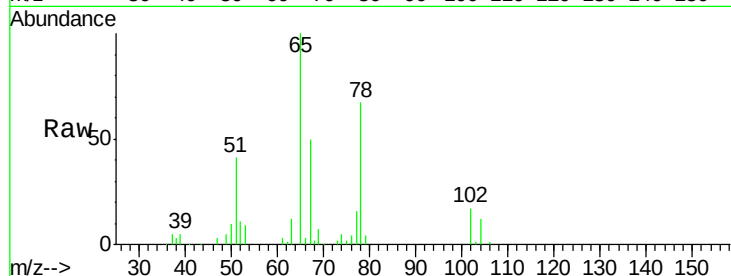
VW0107SBSD01

Tot Ion: 65 Resp: 38360

Ion Ratio Lower Upper

65 100

67 48.3 0.0 94.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

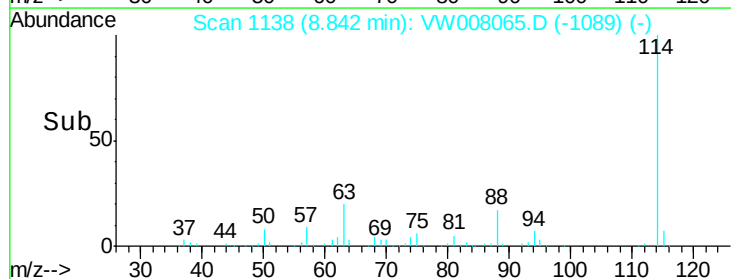
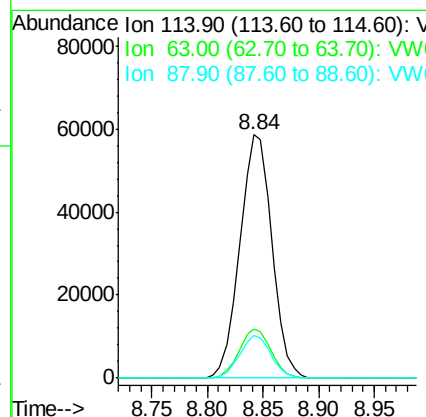
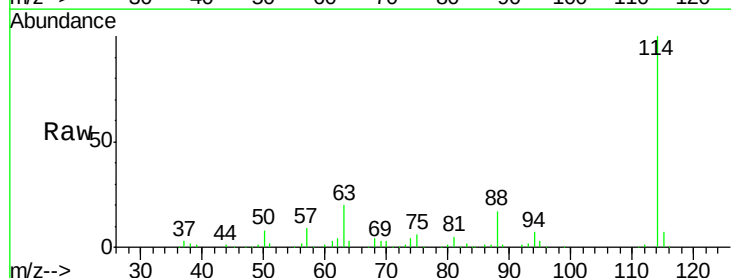
Tgt Ion: 114 Resp: 116730

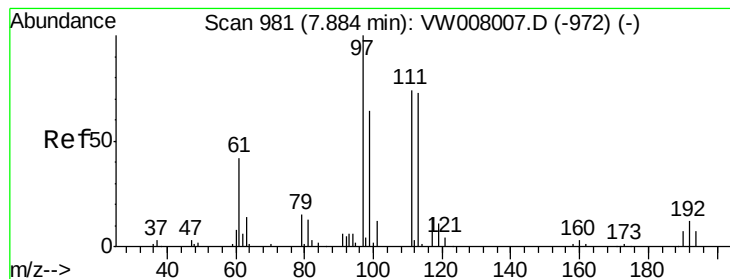
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.8

88 17.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.007 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

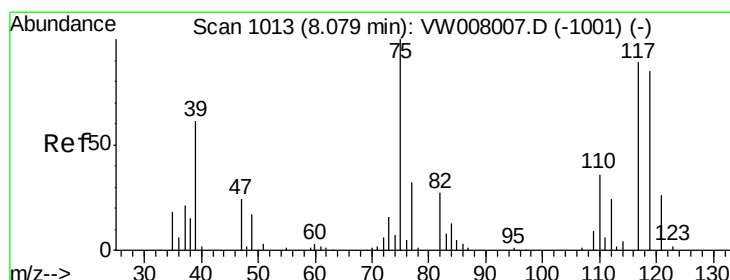
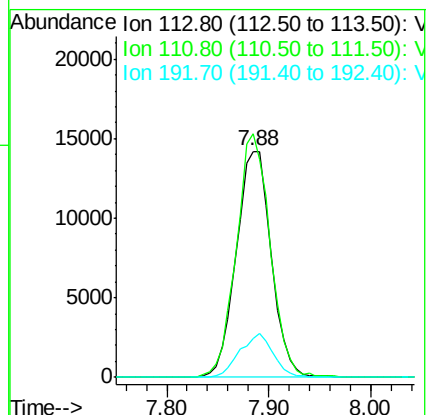
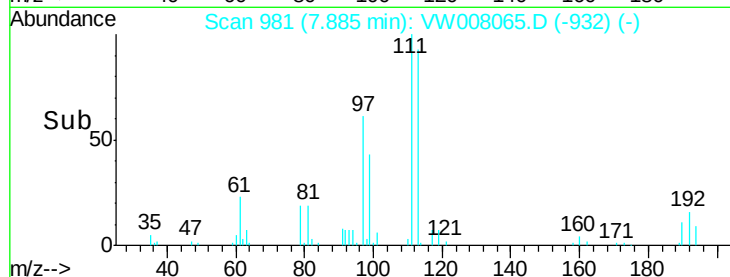
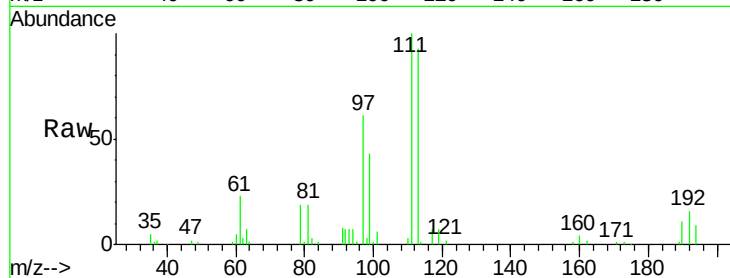
Tot Ion:113 Resp: 33855

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 18.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 20.799 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

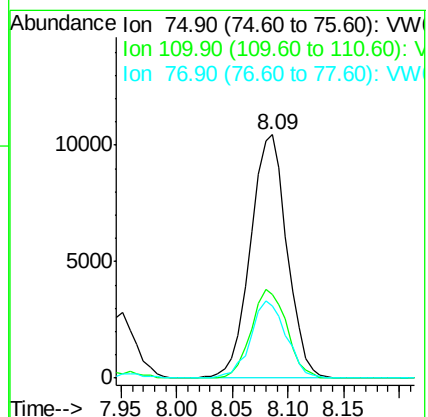
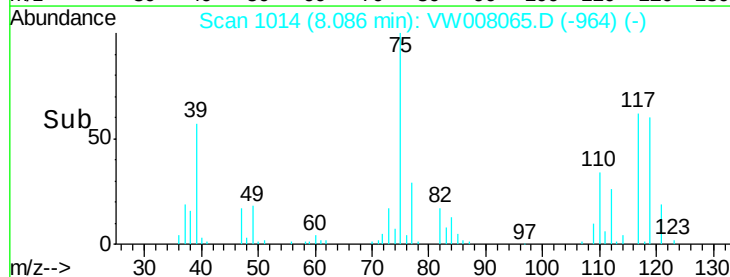
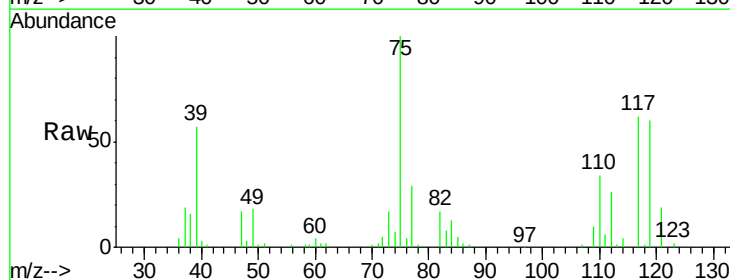
Tgt Ion: 75 Resp: 23950

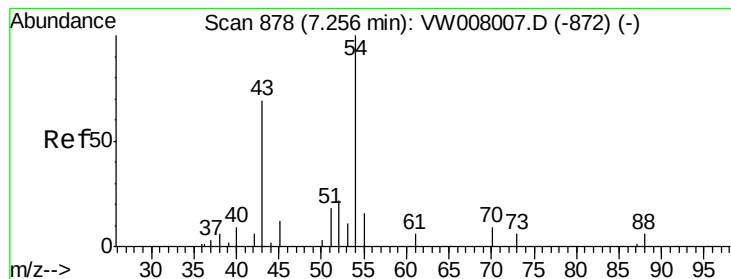
Ion Ratio Lower Upper

75 100

110 35.3 18.1 54.3

77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 21.802 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBS01

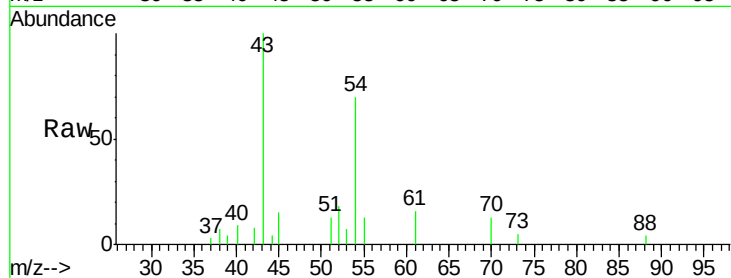
Tot Ion: 43 Resp: 7541

Ion Ratio Lower Upper

43 100

61 14.1 11.4 17.2

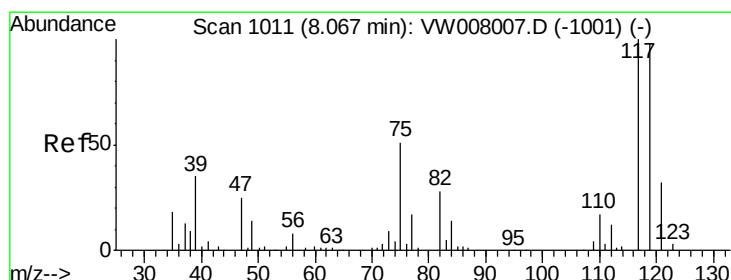
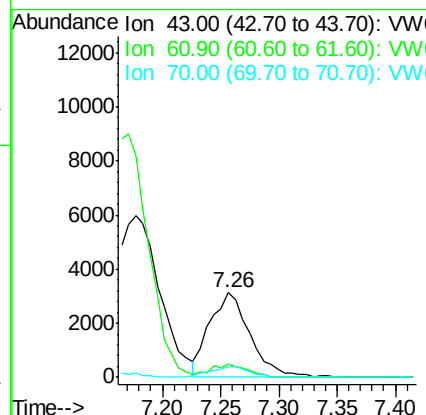
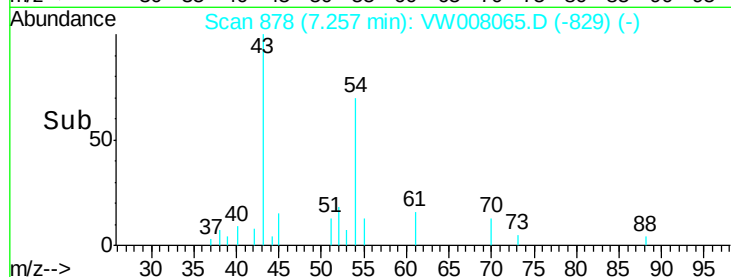
70 11.8 9.4 14.0



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: 20.211 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

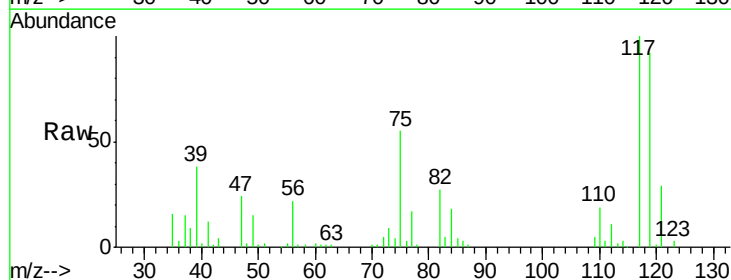
Tgt Ion: 117 Resp: 27891

Ion Ratio Lower Upper

117 100

119 92.2 78.7 118.1

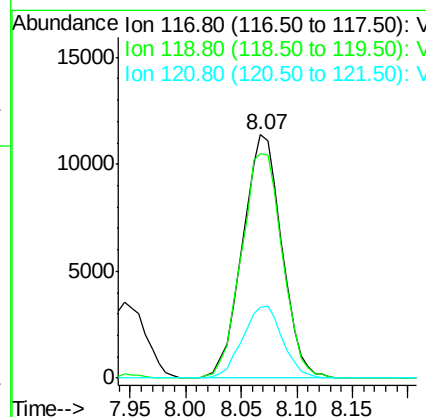
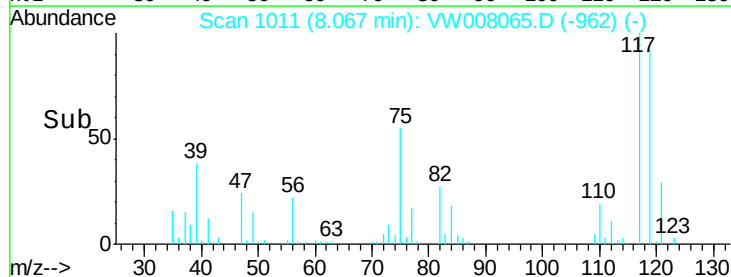
121 28.9 25.8 38.8

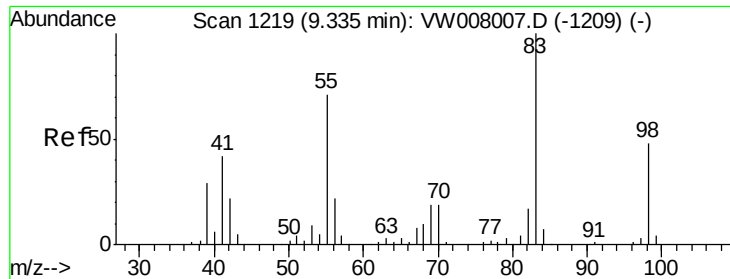


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

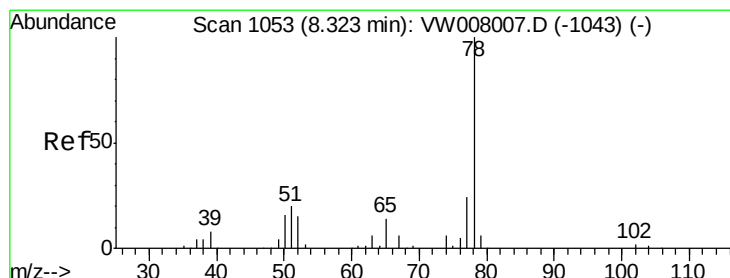
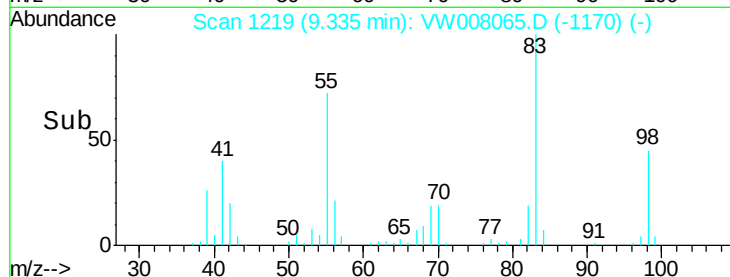
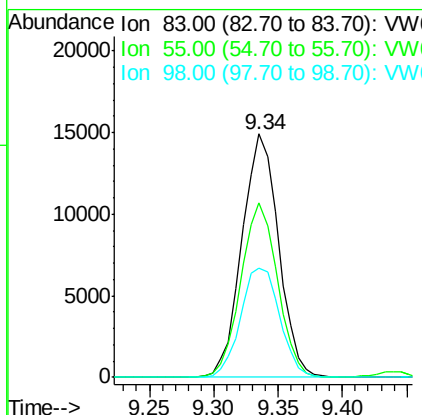
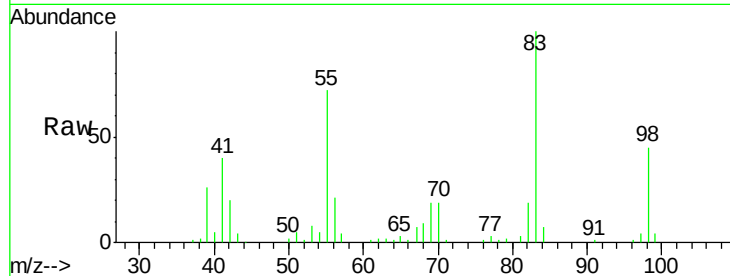




#39
Methylvlcyclohexane
Concen: 20.395 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

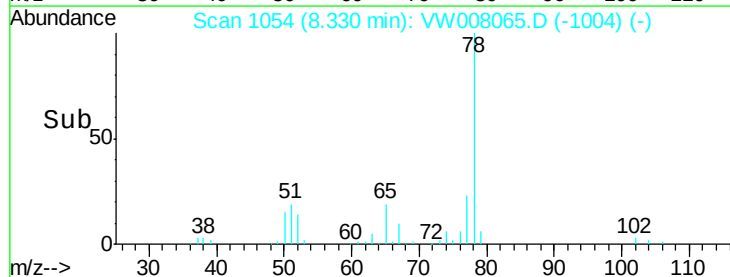
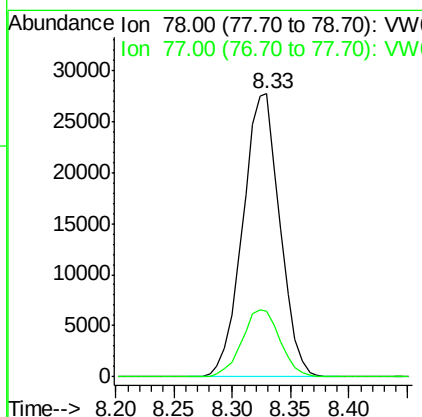
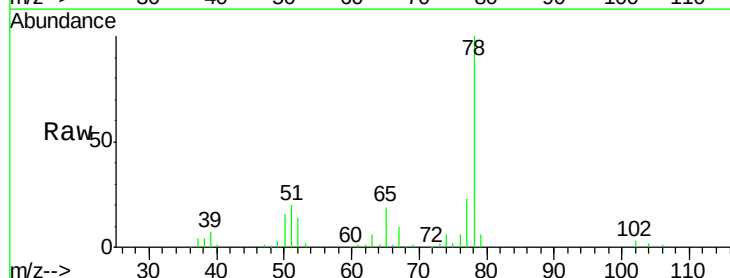
Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

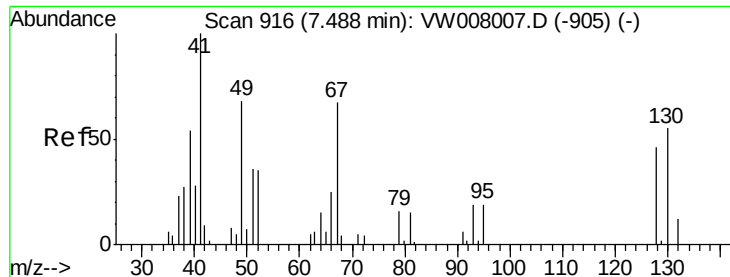
Tot Ion: 83 Resp: 29274
Ion Ratio Lower Upper
83 100
55 71.8 56.8 85.2
98 44.8 38.6 58.0



#40
Benzene
Concen: 20.254 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 78 Resp: 61527
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

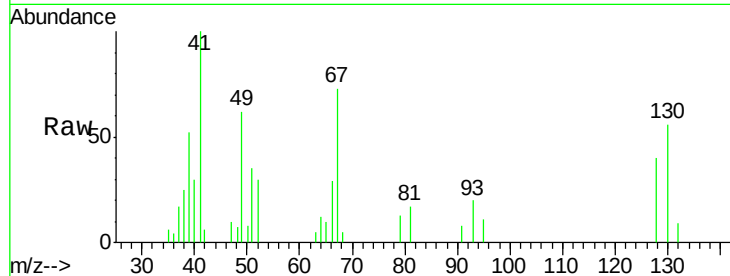




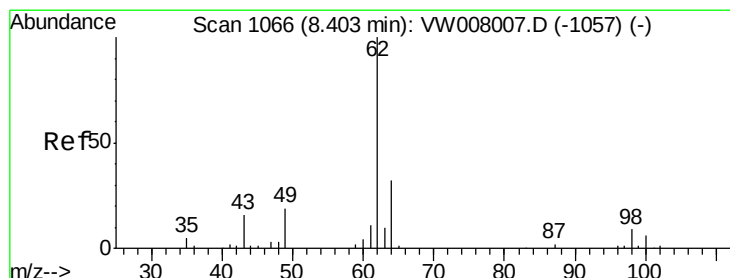
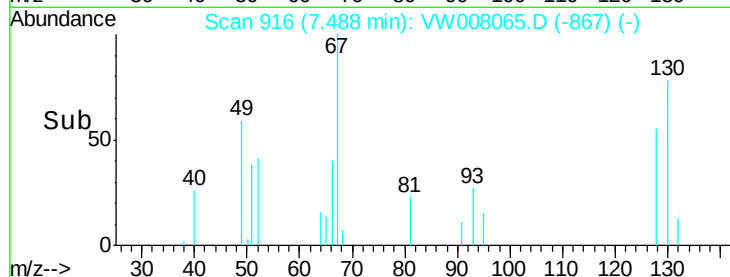
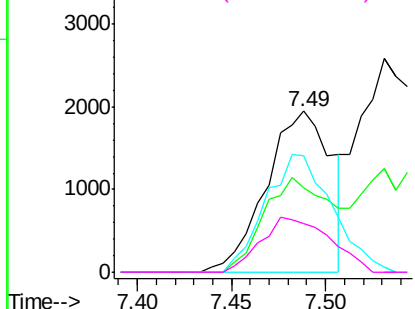
#41
Methacrylonitrile
Concen: 22.983 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampled :
VW0107SBSD01

Tot Ion: 41 Resp: 4674
Ion Ratio Lower Upper
41 100
39 58.5 48.6 72.8
67 74.7 55.6 83.4
52 35.9 25.9 38.9

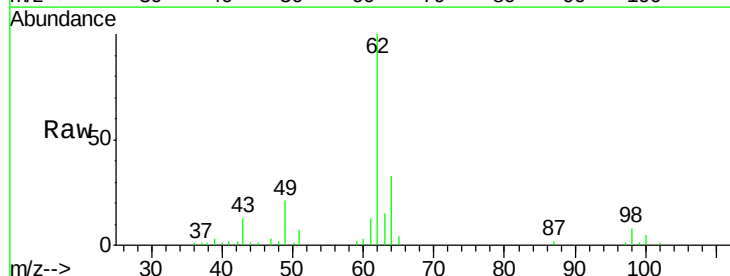


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

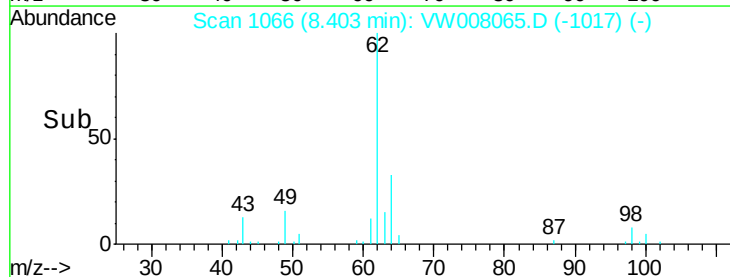
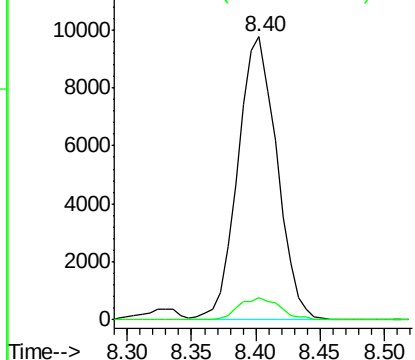


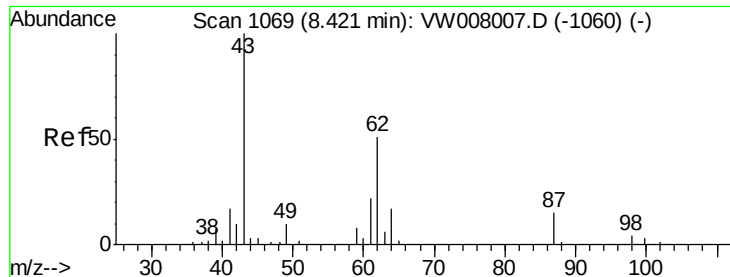
#42
1,2-Dichloroethane
Concen: 20.287 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 62 Resp: 20533
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.6



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





#43

Isopropyl Acetate

Concen: 22.328 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

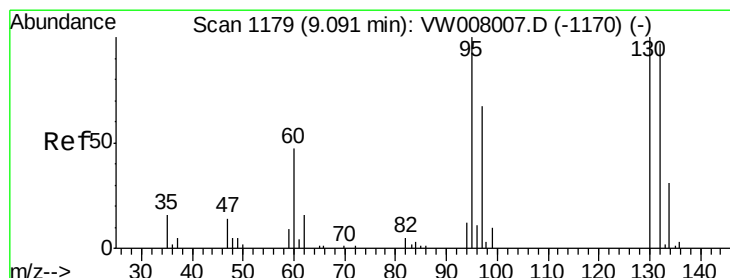
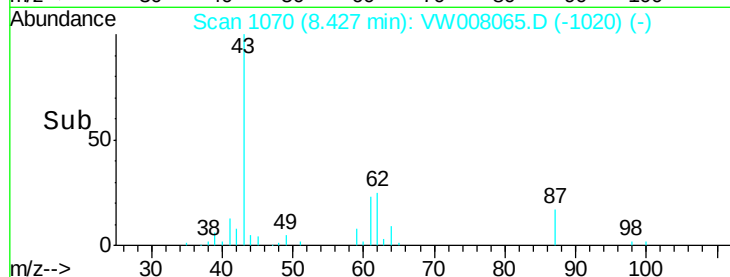
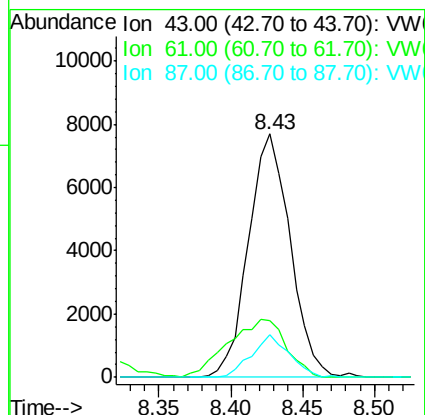
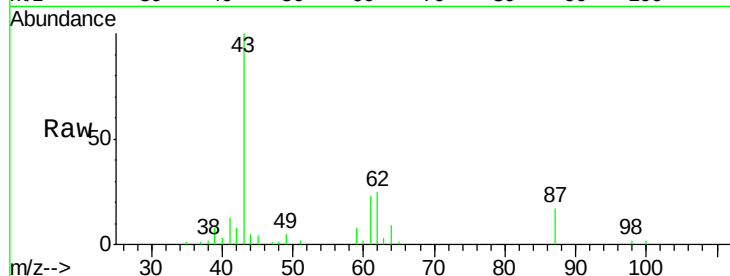
Tot Ion: 43 Resp: 15431

Ion Ratio Lower Upper

43 100

61 33.2 26.4 39.6

87 15.8 12.0 18.0



#44

Trichloroethene

Concen: 20.258 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008065.D

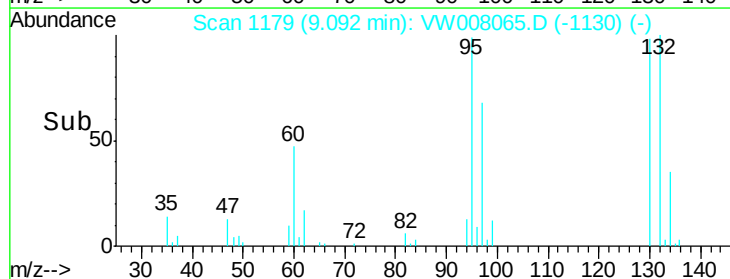
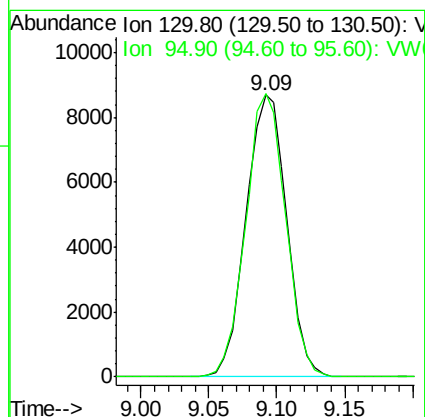
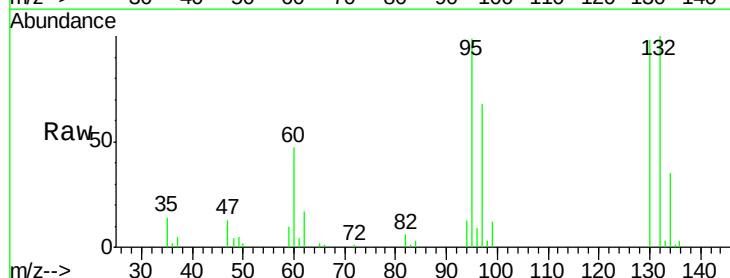
Acq: 07 Jan 2019 13:15

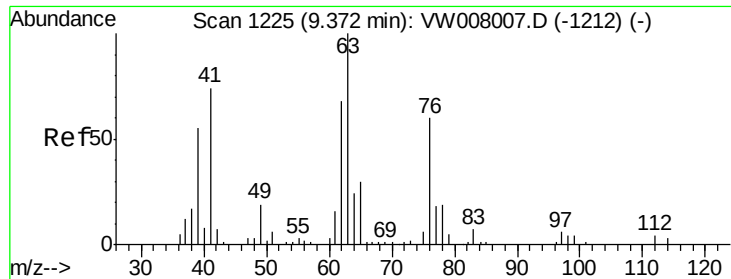
Tgt Ion: 130 Resp: 18160

Ion Ratio Lower Upper

130 100

95 100.5 0.0 200.0

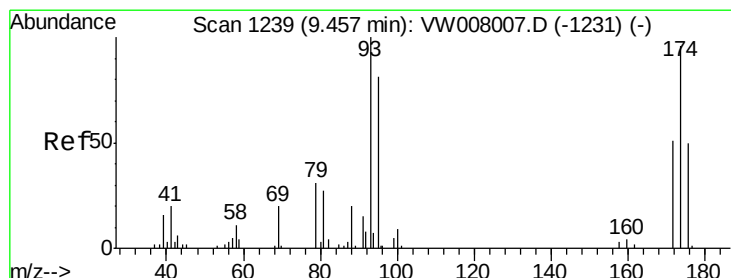
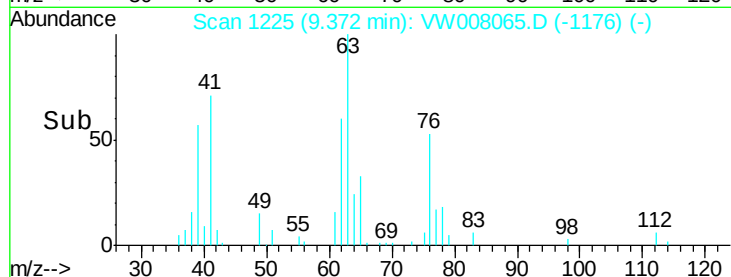
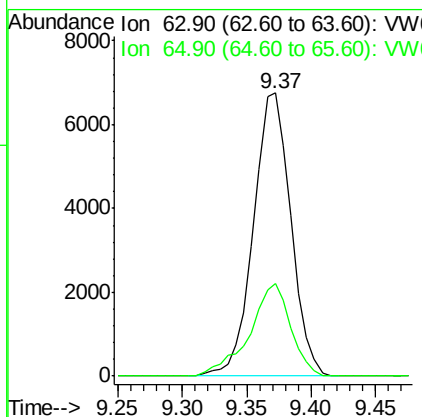
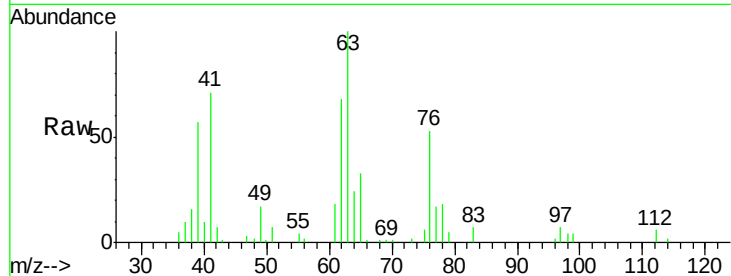




#45
 1,2-Dichloropropane
 Concen: 20.620 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

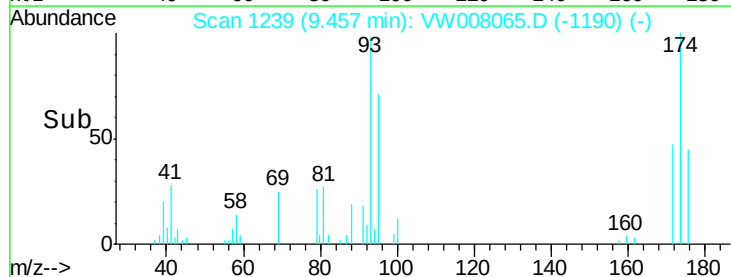
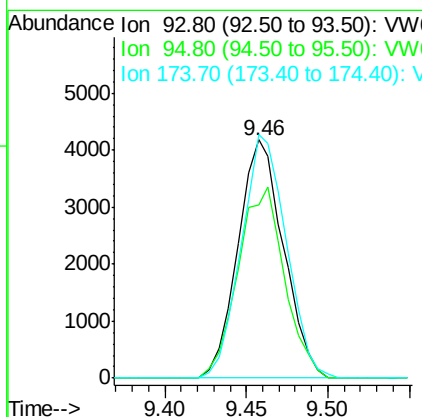
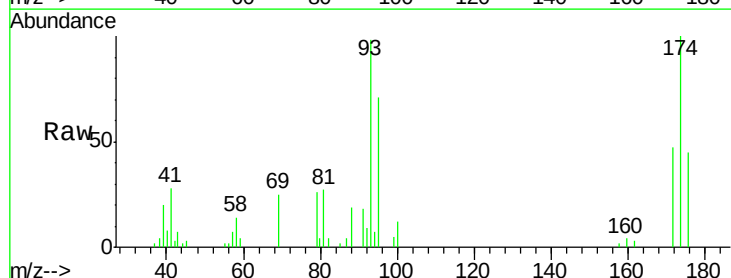
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

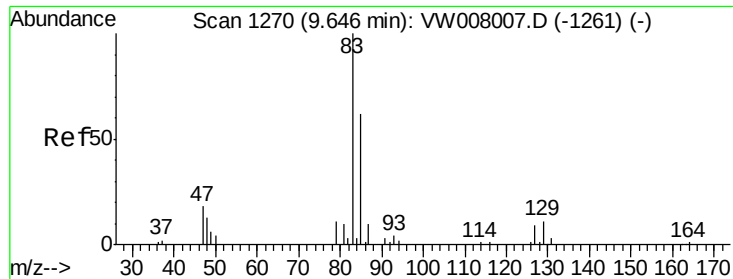
Tot Ion: 63 Resp: 13558
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.2 36.4



#46
 Dibromomethane
 Concen: 21.081 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion: 93 Resp: 8104
 Ion Ratio Lower Upper
 93 100
 95 81.7 63.9 95.9
 174 101.0 79.0 118.6





#47

Bromodichloromethane

Concen: 20.833 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

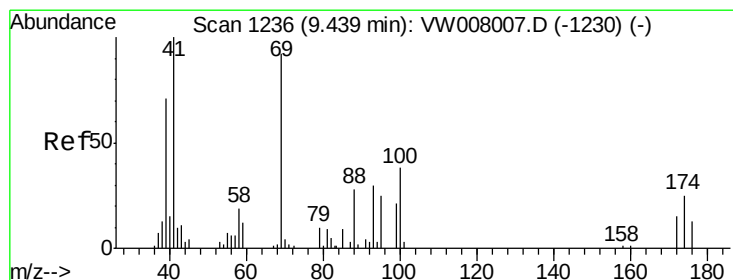
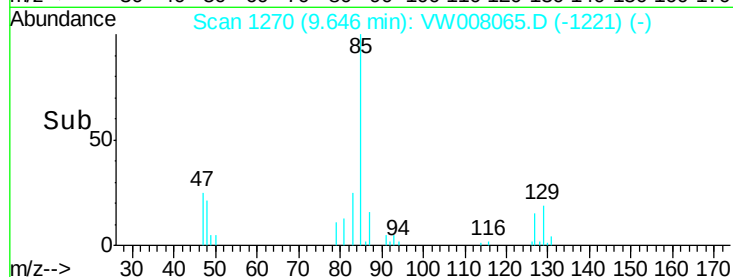
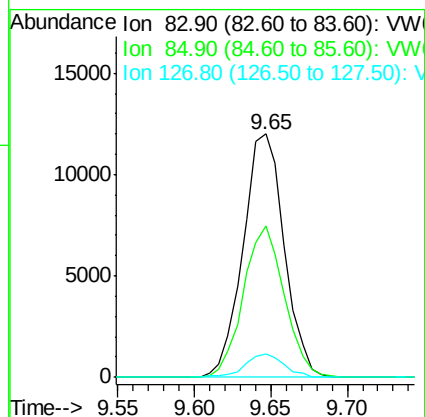
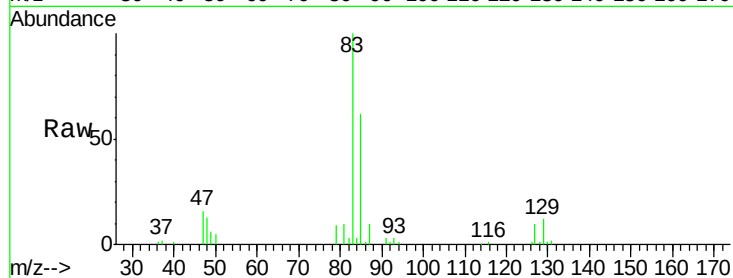
Tot Ion: 83 Resp: 22432

Ion Ratio Lower Upper

83 100

85 62.4 49.5 74.3

127 9.5 7.5 11.3



#48

Methyl methacrylate

Concen: 21.807 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

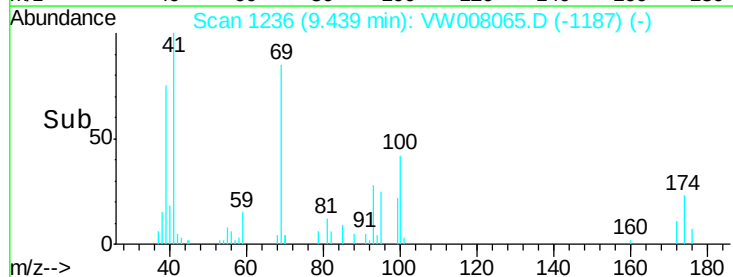
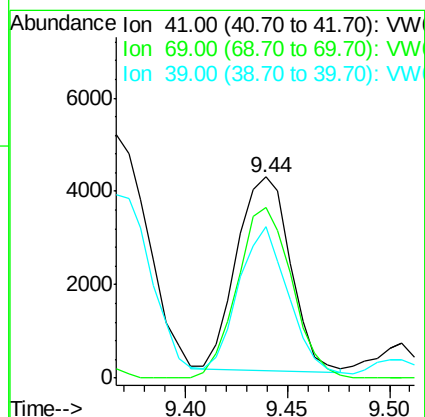
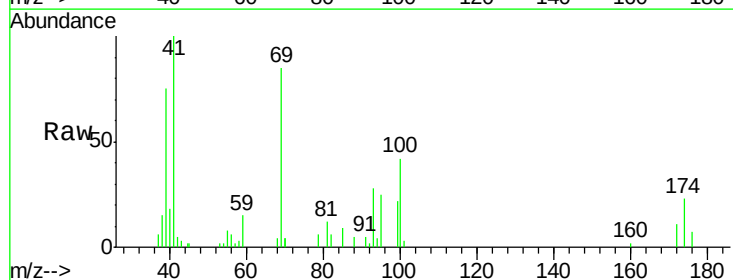
Tgt Ion: 41 Resp: 7599

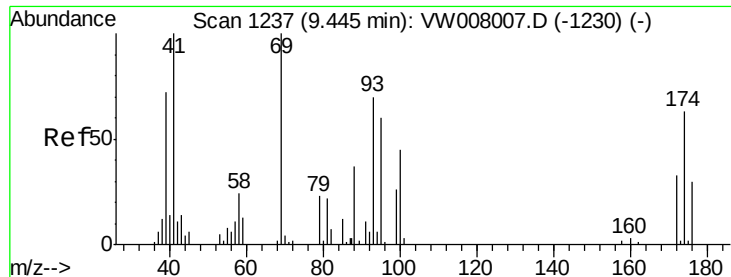
Ion Ratio Lower Upper

41 100

69 89.0 72.3 108.5

39 69.9 58.7 88.1





#49

1,4-Dioxane

Concen: 378.800 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

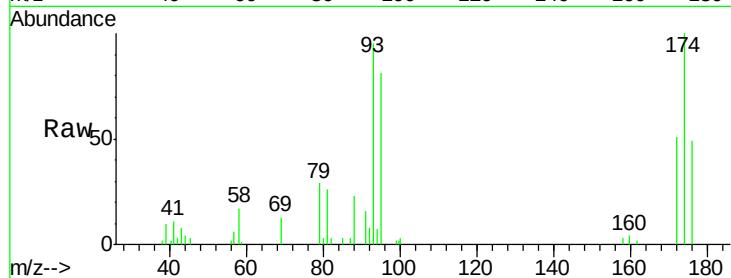
Tot Ion: 88 Resp: 2155

Ion Ratio Lower Upper

88 100

43 0.0 26.8 40.2#

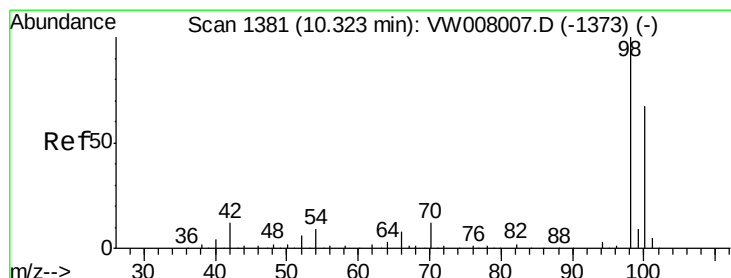
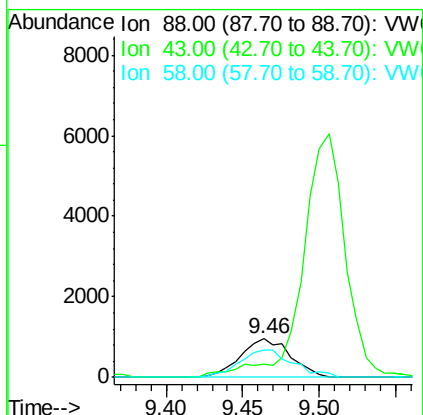
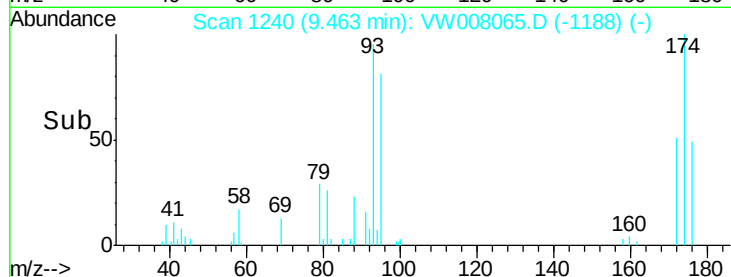
58 77.2 55.8 83.6



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: 47.765 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008065.D

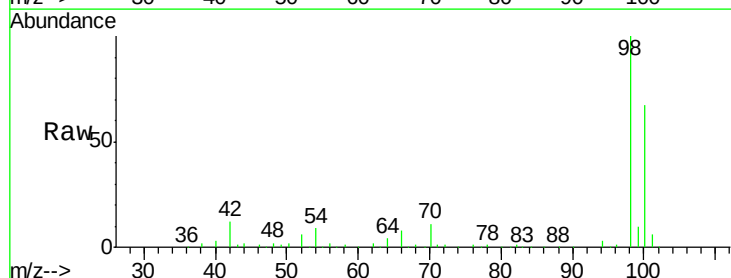
Acq: 07 Jan 2019 13:15

Tgt Ion: 98 Resp: 131853

Ion Ratio Lower Upper

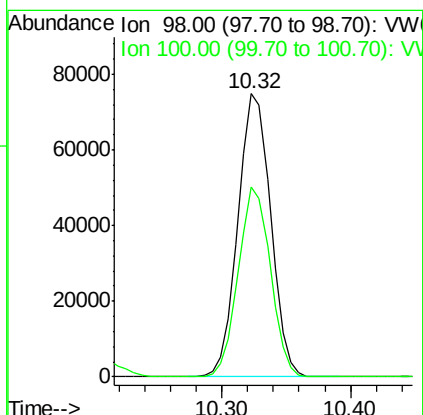
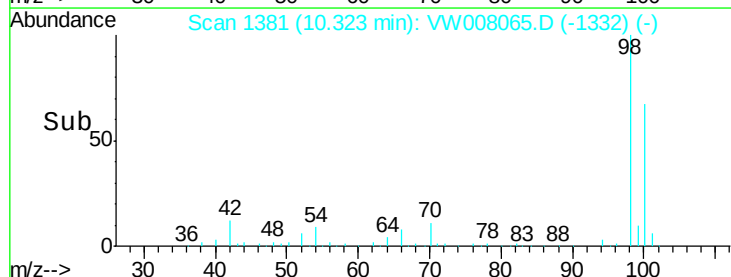
98 100

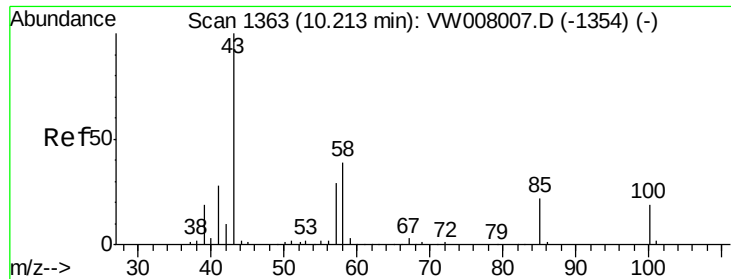
100 65.7 52.9 79.3



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: 112.449 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

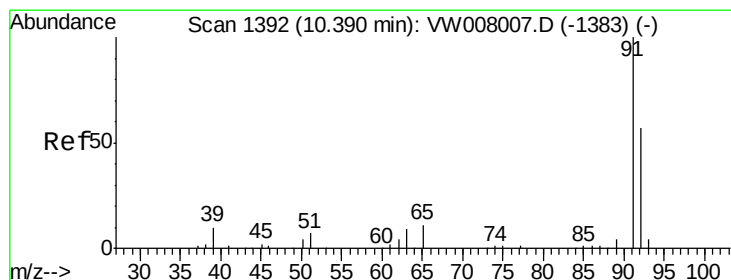
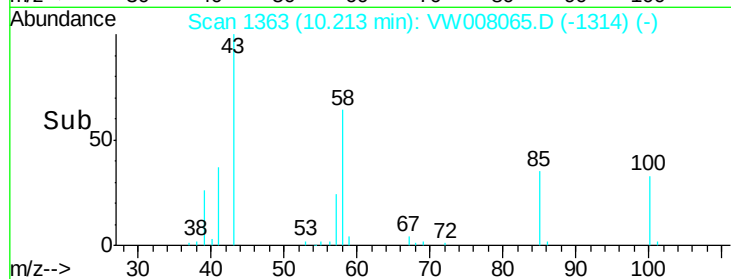
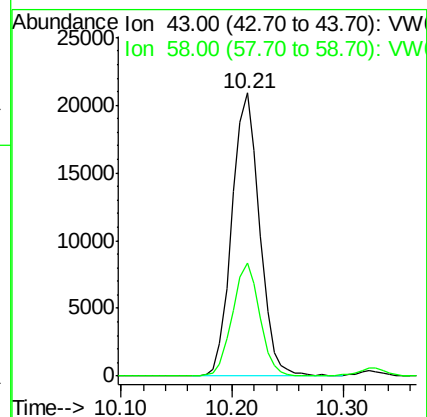
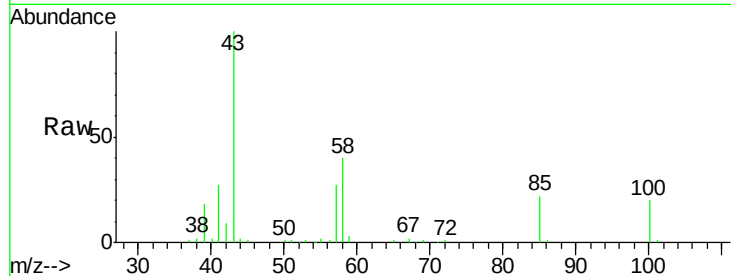
VW0107SBS01

Tot Ion: 43 Resp: 35973

Ion Ratio Lower Upper

43 100

58 39.4 32.0 48.0



#52

Toluene

Concen: 20.712 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008065.D

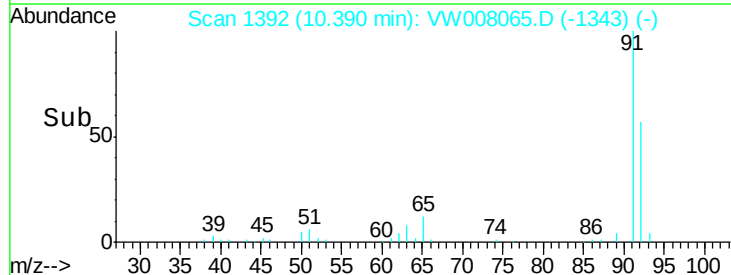
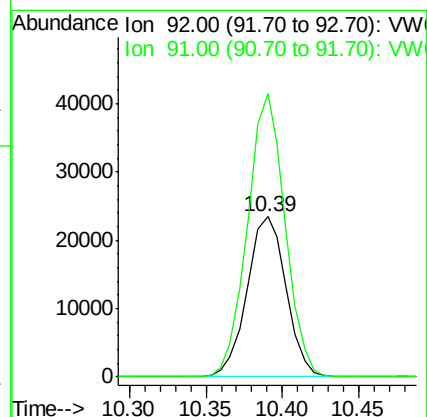
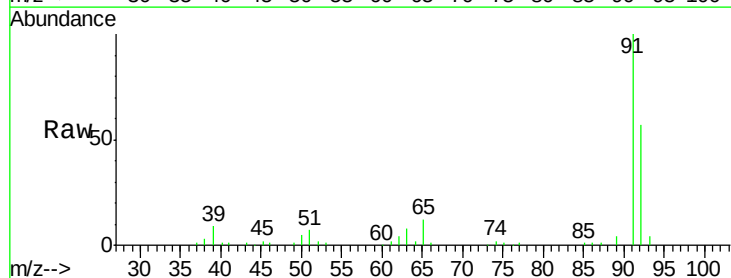
Acq: 07 Jan 2019 13:15

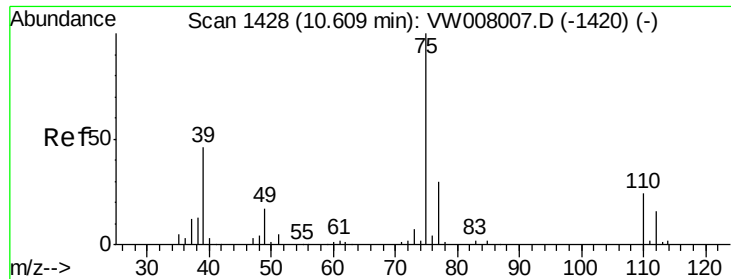
Tgt Ion: 92 Resp: 41536

Ion Ratio Lower Upper

92 100

91 170.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 20.721 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

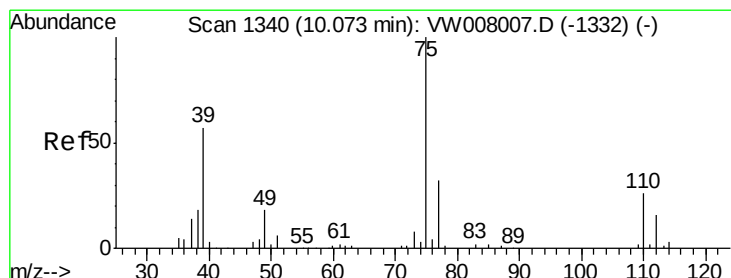
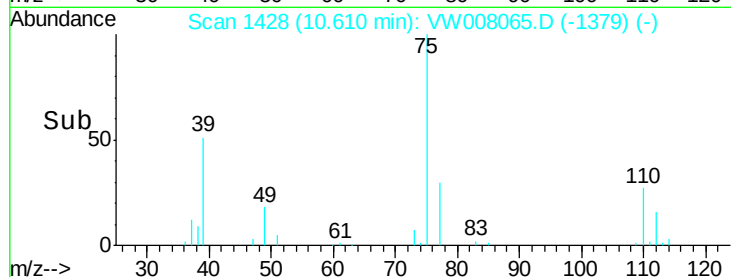
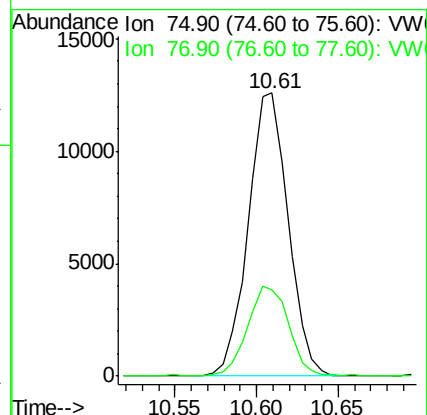
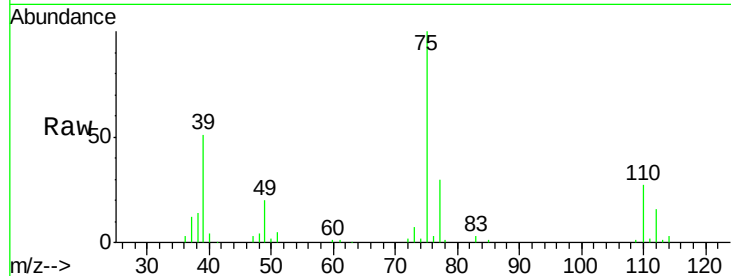
VW0107SBSD01

Tot Ion: 75 Resp: 21454

Ion Ratio Lower Upper

75 100

77 30.4 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 20.852 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

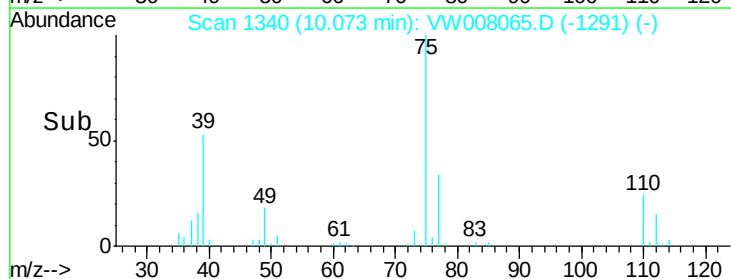
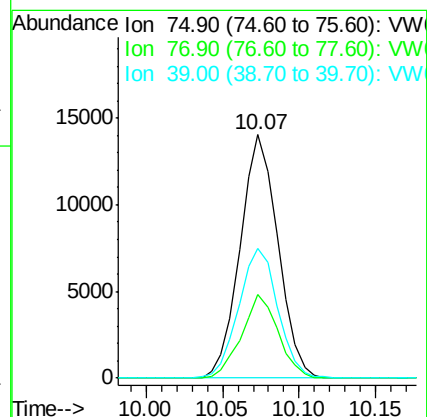
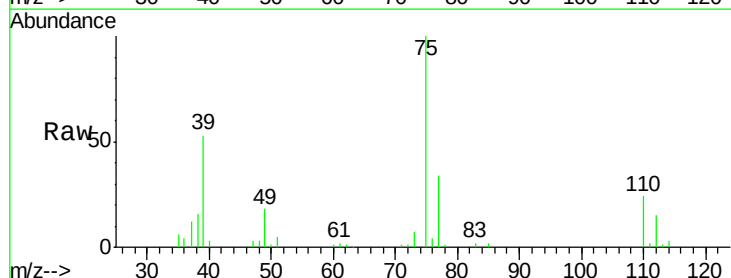
Tgt Ion: 75 Resp: 24092

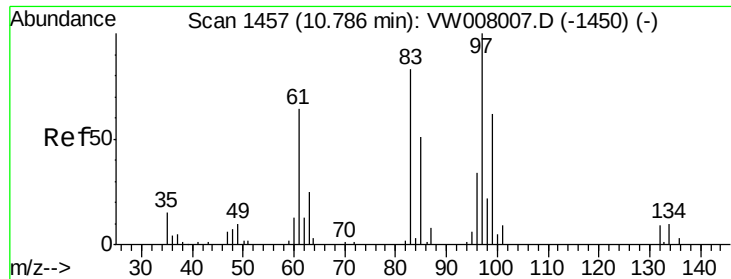
Ion Ratio Lower Upper

75 100

77 34.5 25.9 38.9

39 53.1 45.4 68.0

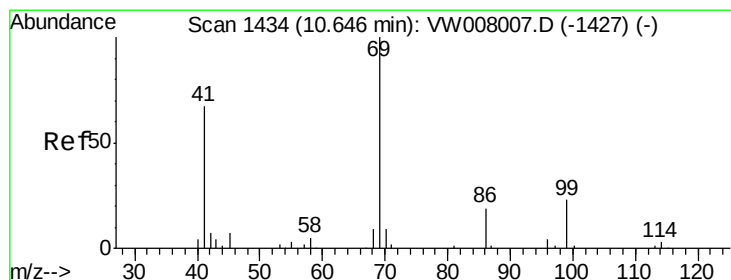
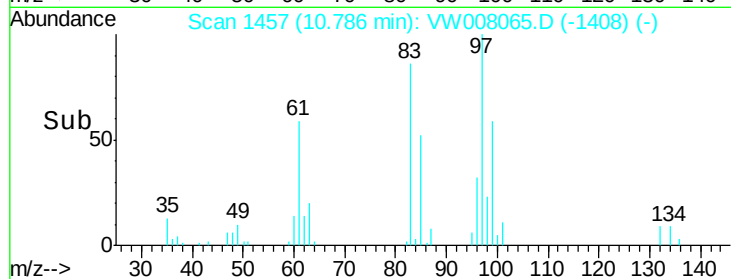
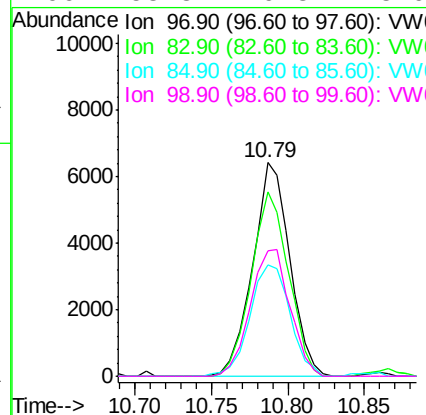
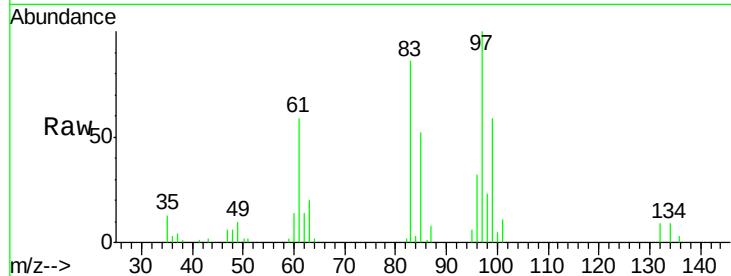




#55
 1,1,2-Trichloroethane
 Concen: 20.784 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

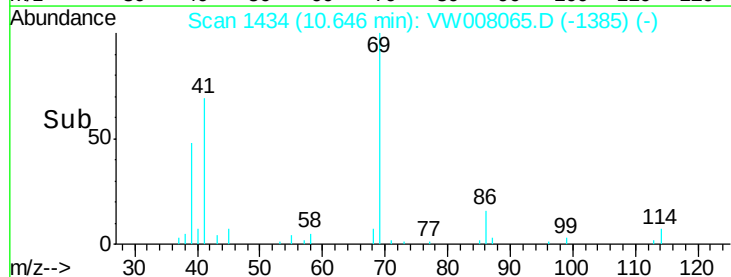
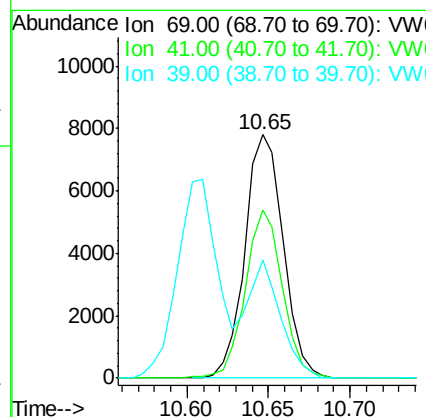
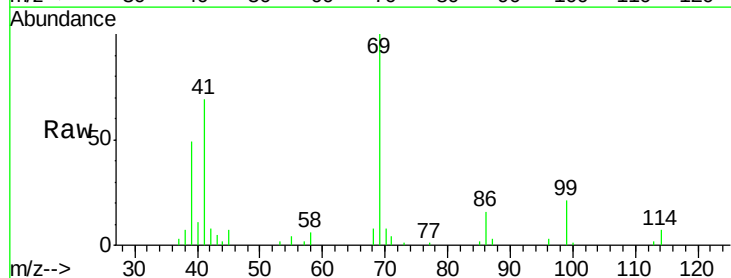
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

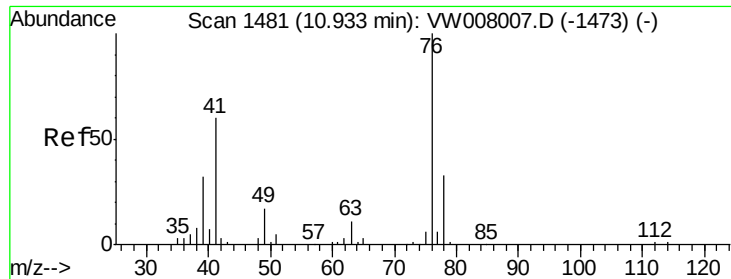
Tot Ion:	97	Resp:	10818
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.2	99.2
85	52.4	41.0	61.4
99	58.8	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 21.676 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion:	69	Resp:	12755
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.6	79.0
39	43.0	35.8	53.6

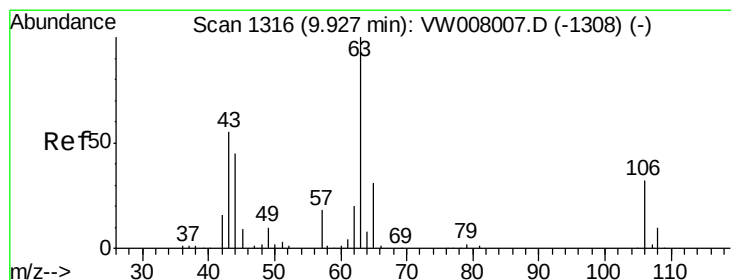
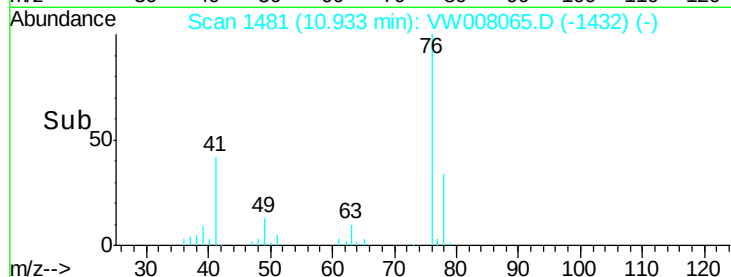
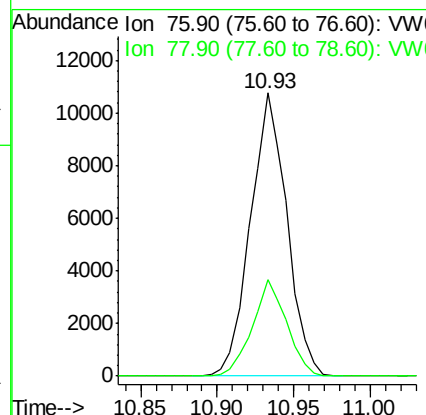
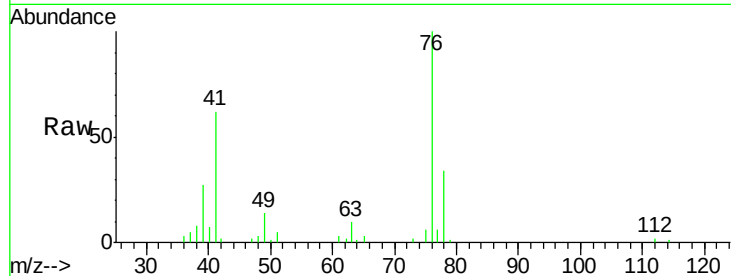




#57
 1,3-Dichloropropane
 Concen: 20.127 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

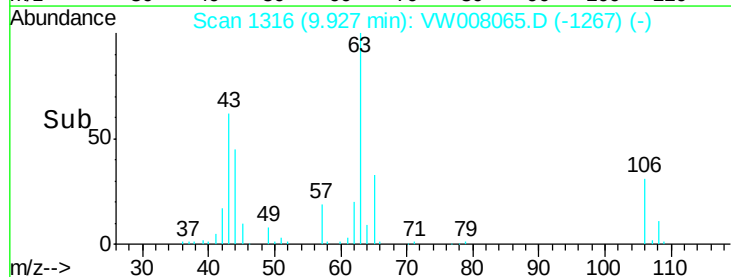
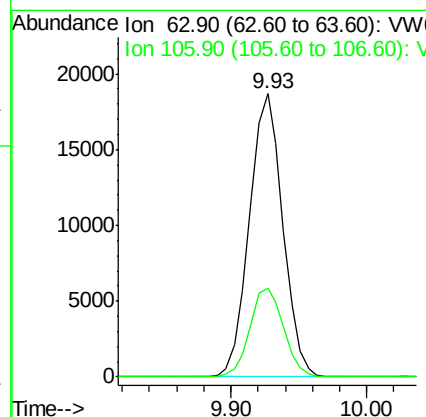
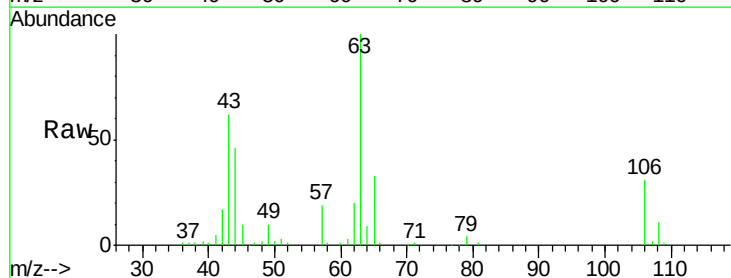
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

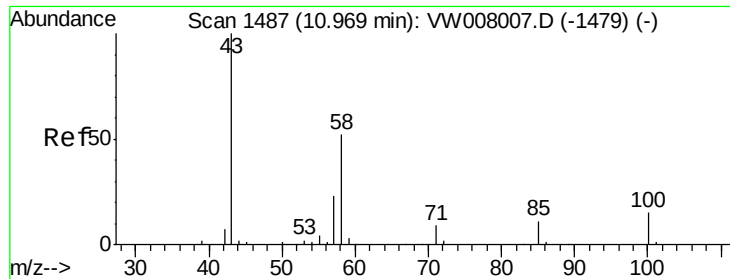
Tot Ion: 76 Resp: 17801
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.467 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion: 63 Resp: 32223
 Ion Ratio Lower Upper
 63 100
 106 31.5 26.9 40.3

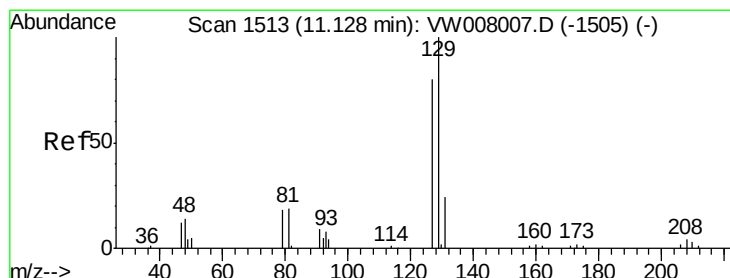
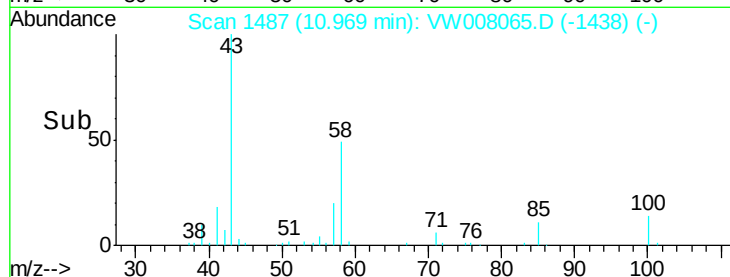
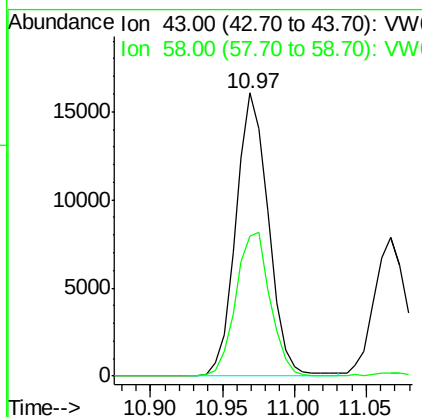
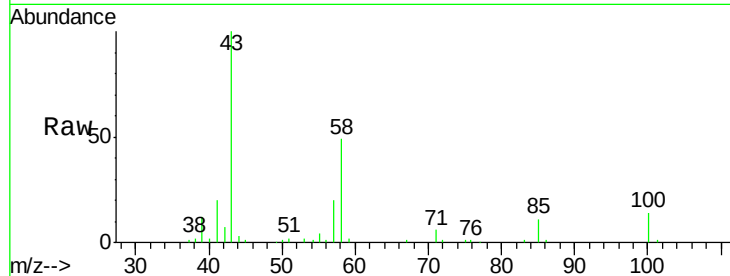




#59
2-Hexanone
Concen: 114.744 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

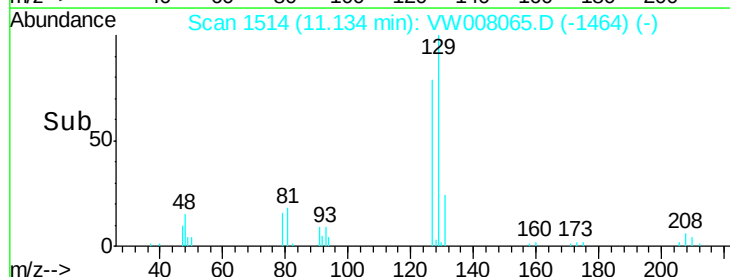
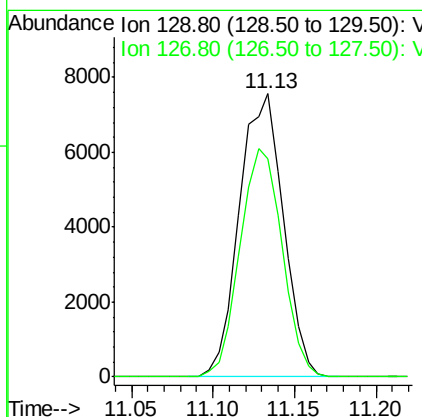
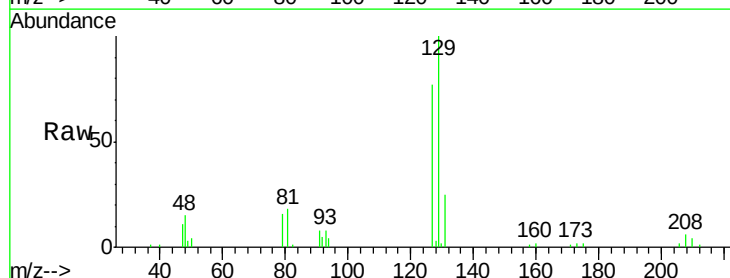
Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

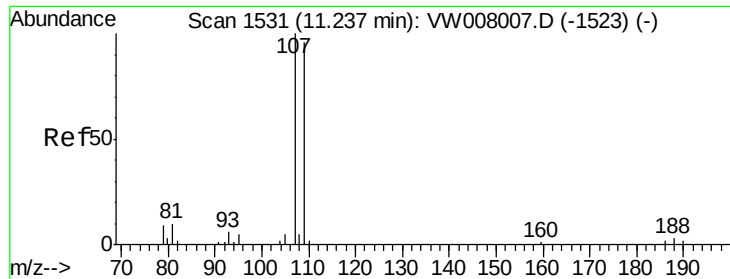
Tot Ion: 43 Resp: 25341
Ion Ratio Lower Upper
43 100
58 52.9 27.1 81.2



#60
Dibromochloromethane
Concen: 19.856 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 129 Resp: 14147
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

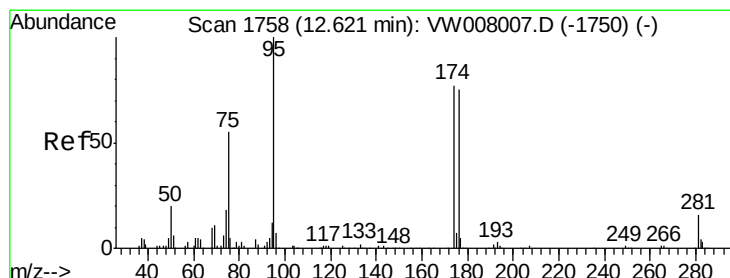
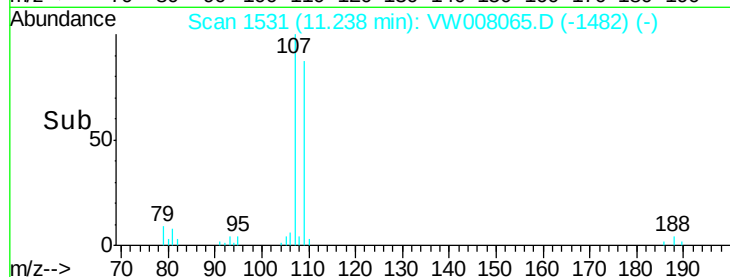
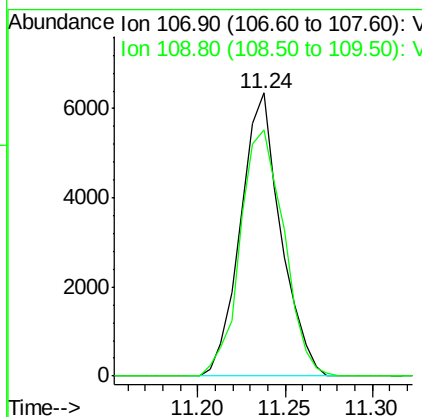
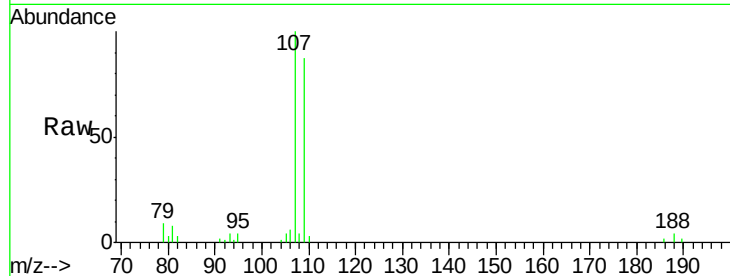




#61
 1,2-Dibromoethane
 Concen: 19.609 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

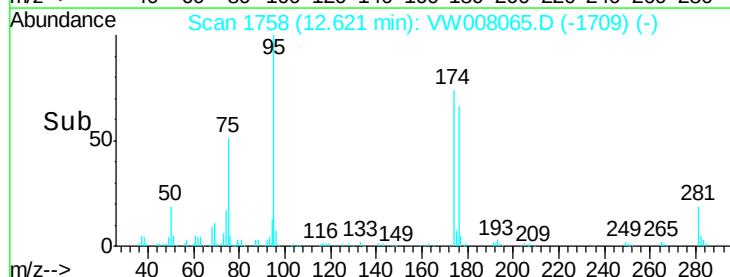
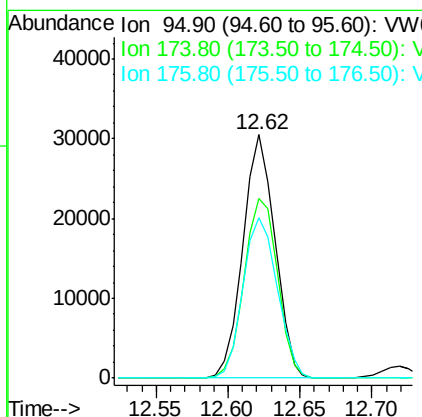
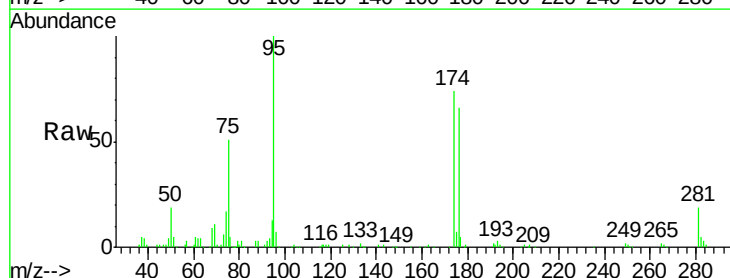
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

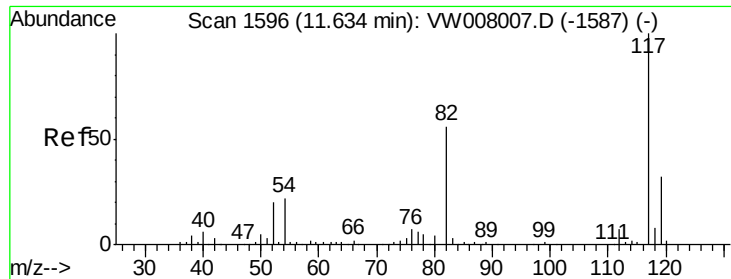
Tot Ion:107 Resp: 10214
 Ion Ratio Lower Upper
 107 100
 109 94.9 77.2 115.8



#62
 4-Bromofluorobenzene
 Concen: 44.528 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion: 95 Resp: 47139
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 149.6
 176 70.3 0.0 145.4

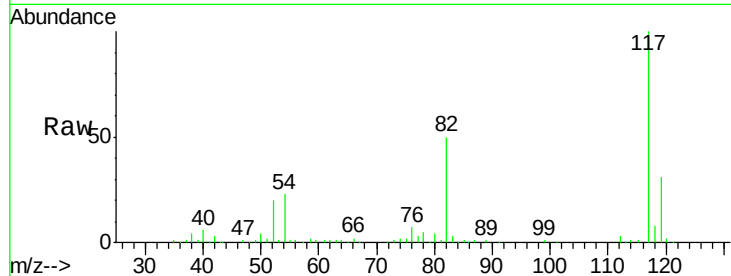




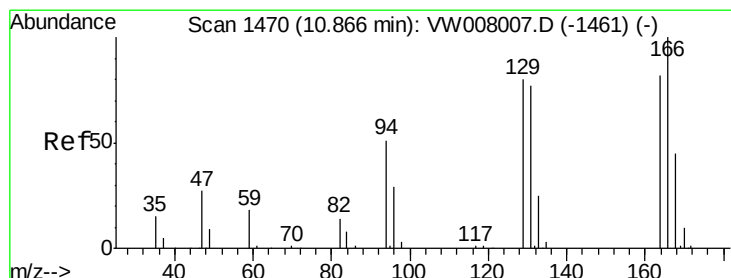
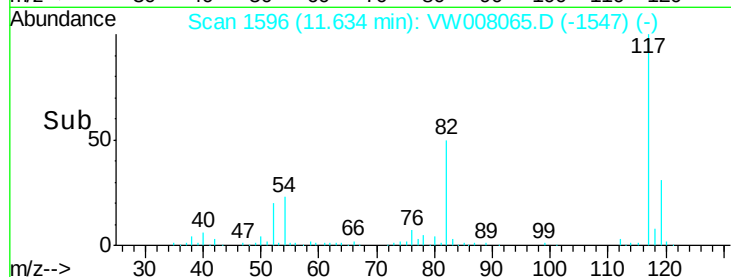
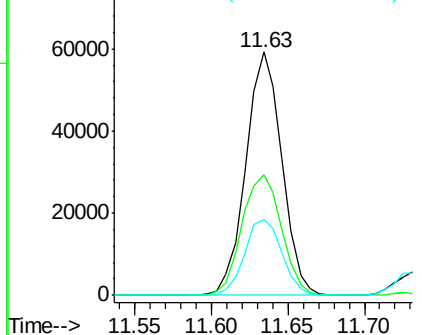
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion:117 Resp: 96570
Ion Ratio Lower Upper
117 100
82 49.8 44.8 67.2
119 31.0 25.6 38.4

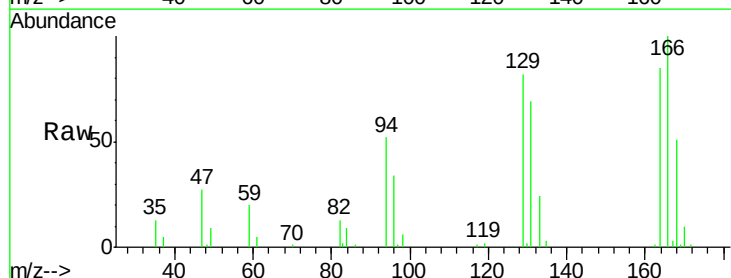


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

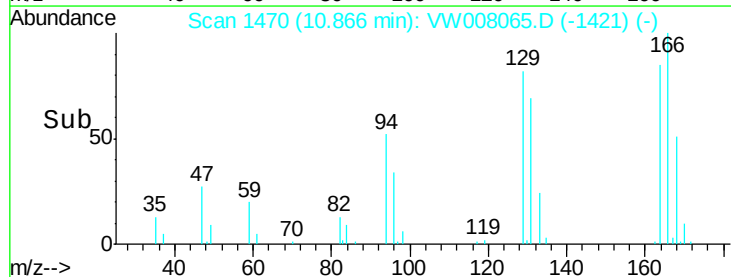
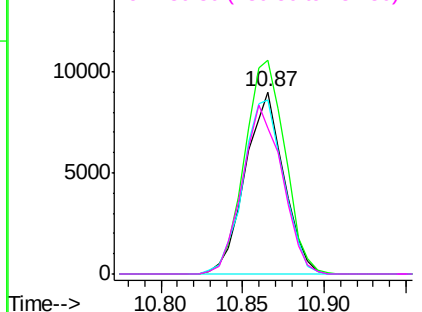


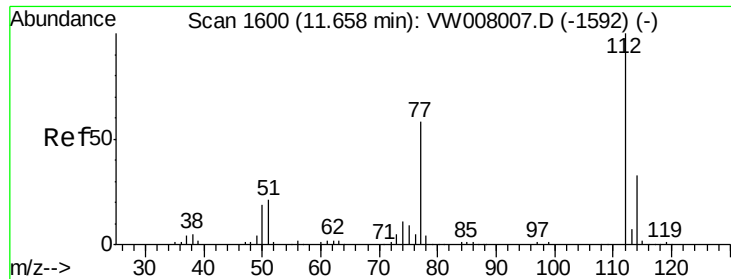
#64
Tetrachloroethene
Concen: 22.125 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion:164 Resp: 14759
Ion Ratio Lower Upper
164 100
166 117.2 98.1 147.1
129 95.7 78.0 117.0
131 80.4 75.8 113.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

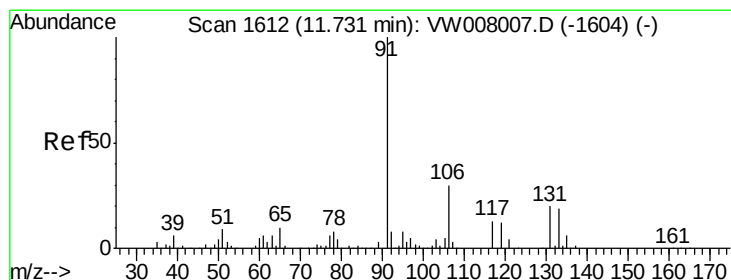
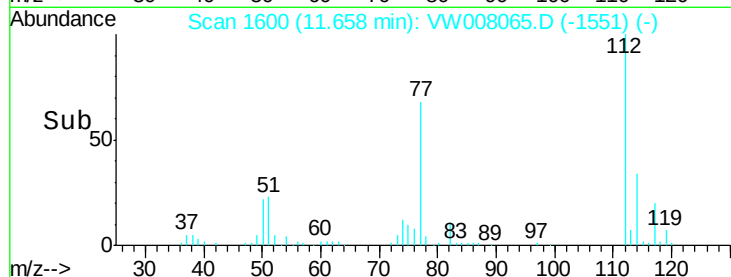
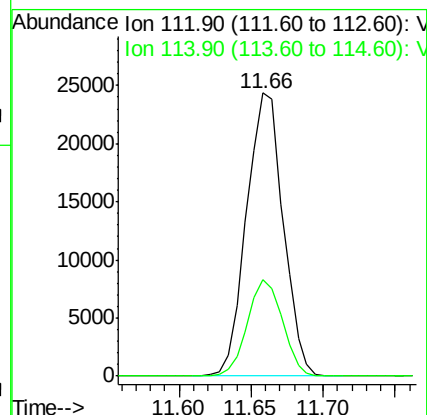
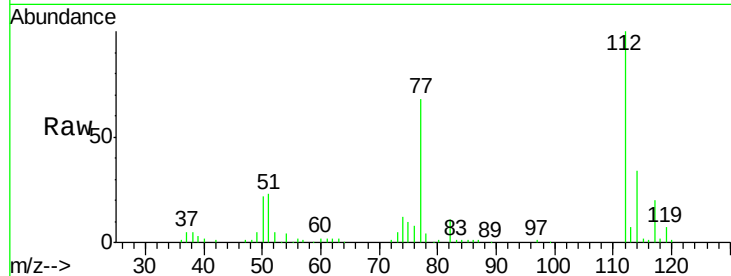




#65
Chlorobenzene
Concen: 20.774 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

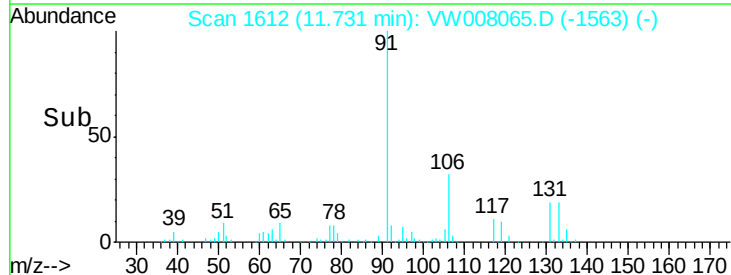
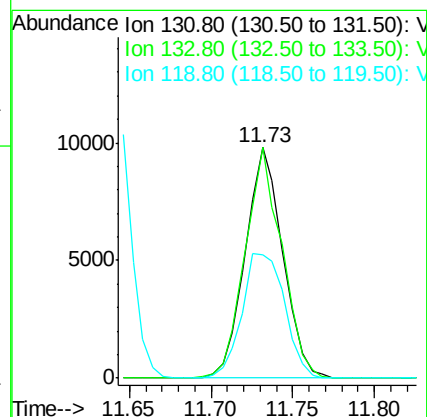
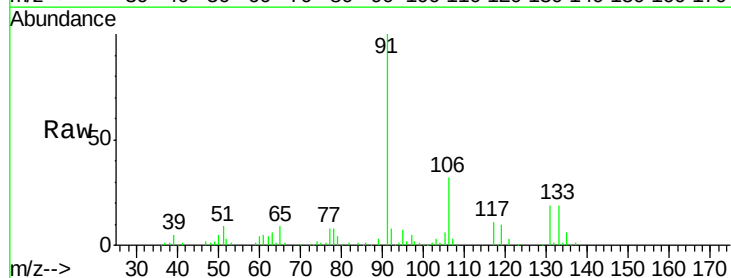
Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

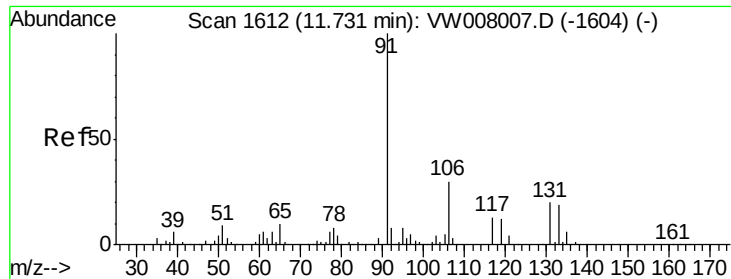
Tot Ion:112 Resp: 42876
Ion Ratio Lower Upper
112 100
114 33.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.964 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion:131 Resp: 15669
Ion Ratio Lower Upper
131 100
133 98.4 49.1 147.3
119 61.2 30.6 91.6

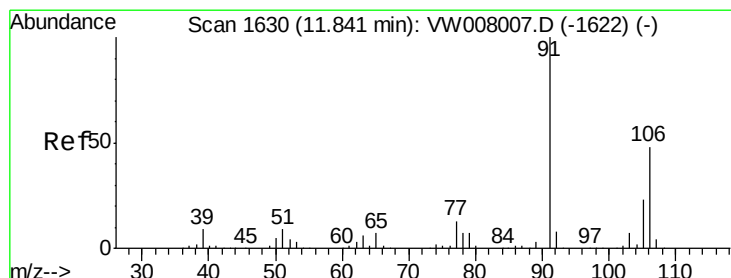
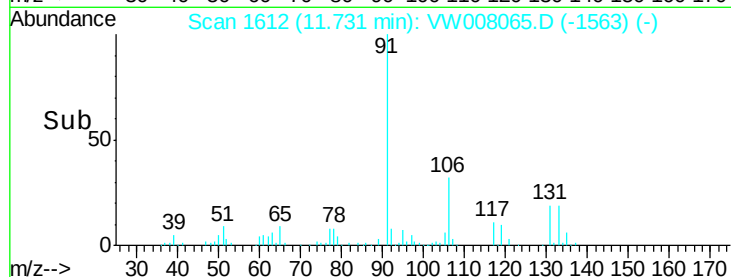
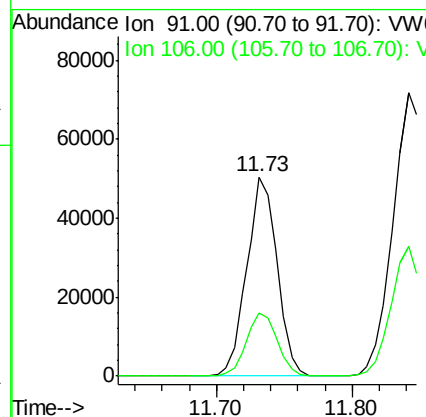
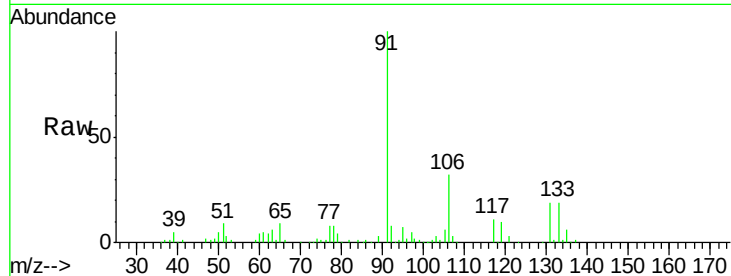




#67
Ethyl Benzene
Concen: 21.518 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

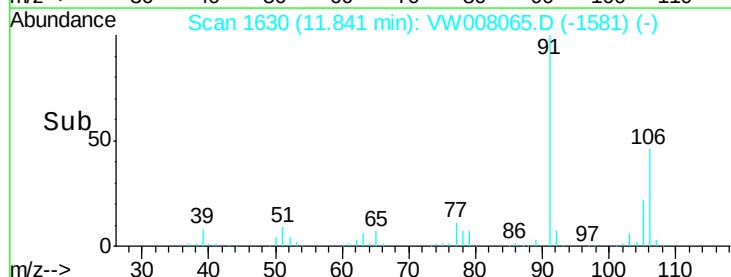
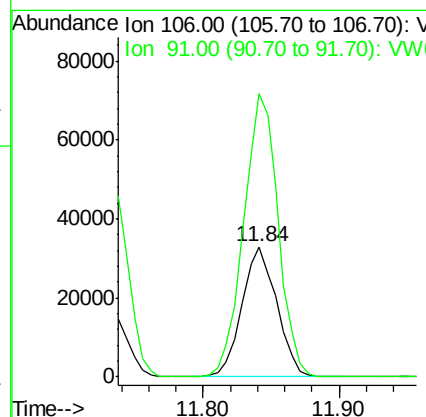
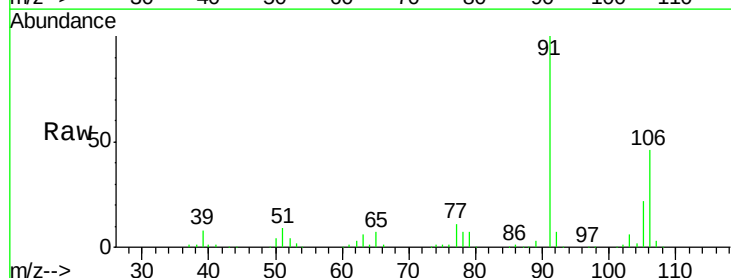
Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

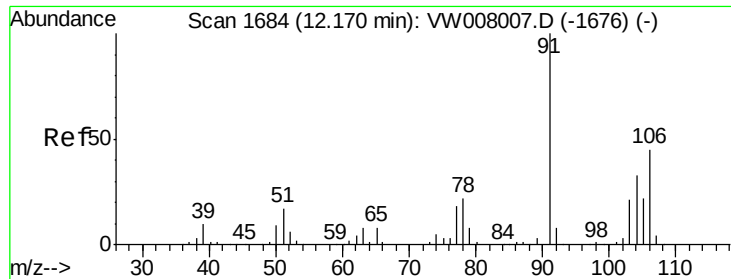
Tot Ion: 91 Resp: 78828
Ion Ratio Lower Upper
91 100
106 31.8 24.3 36.5



#68
m/p-Xylenes
Concen: 41.542 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion: 106 Resp: 58836
Ion Ratio Lower Upper
106 100
91 216.1 165.8 248.8

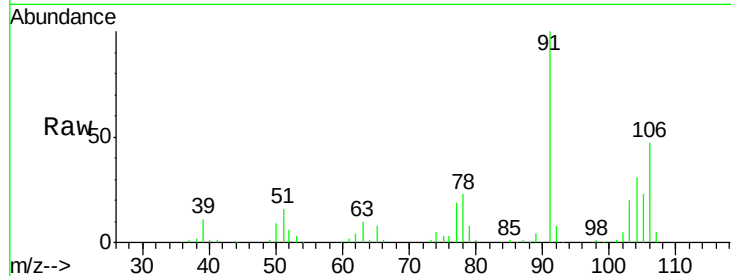




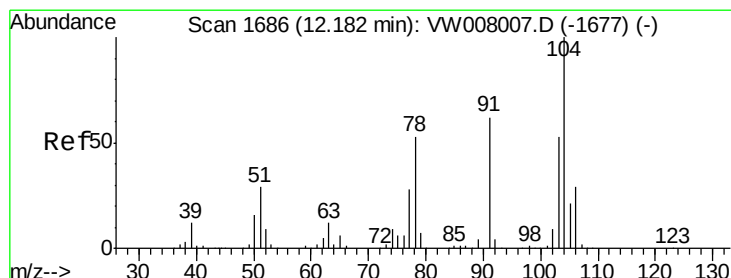
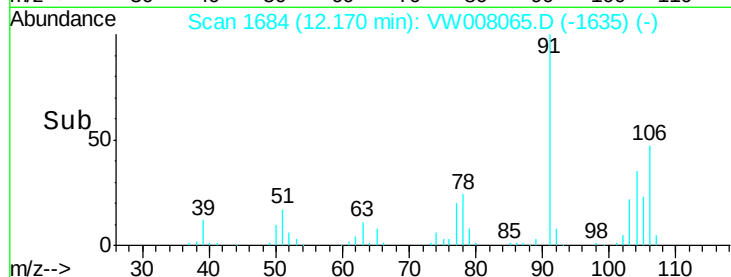
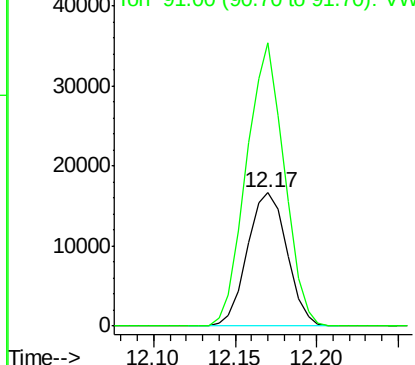
#69
o-Xylene
Concen: 21.333 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion:106 Resp: 28114
Ion Ratio Lower Upper
106 100
91 203.6 110.6 331.6

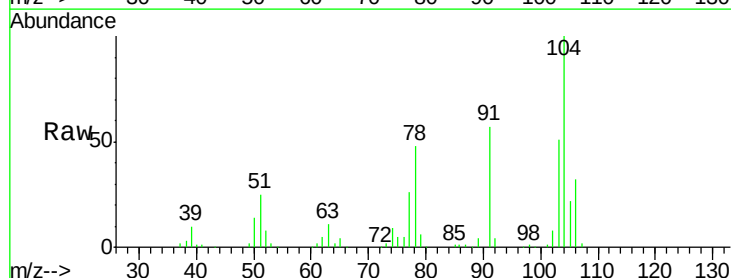


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

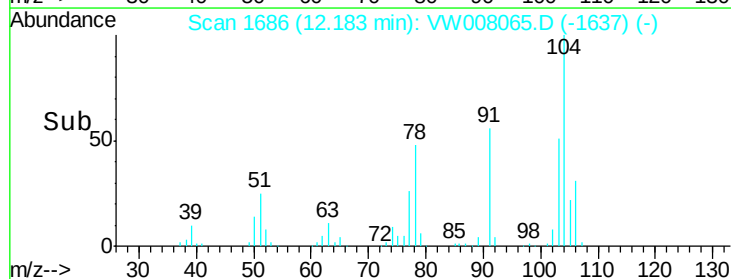
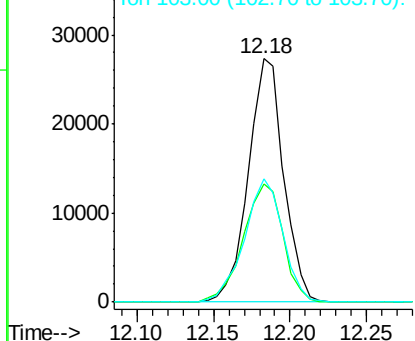


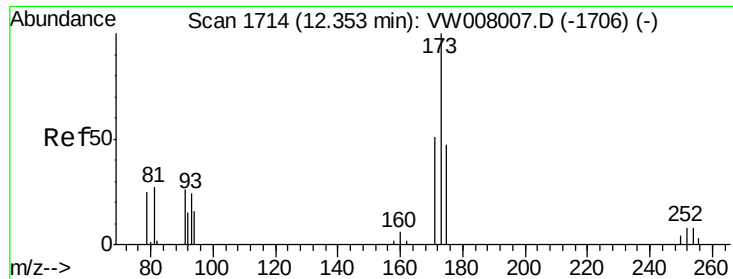
#70
Styrene
Concen: 20.431 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion:104 Resp: 43886
Ion Ratio Lower Upper
104 100
78 54.6 44.0 66.0
103 55.1 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.463 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

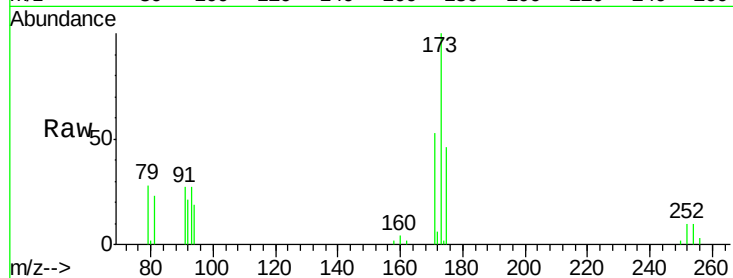
Tot Ion:173 Resp: 7432

Ion Ratio Lower Upper

173 100

175 48.3 23.6 71.0

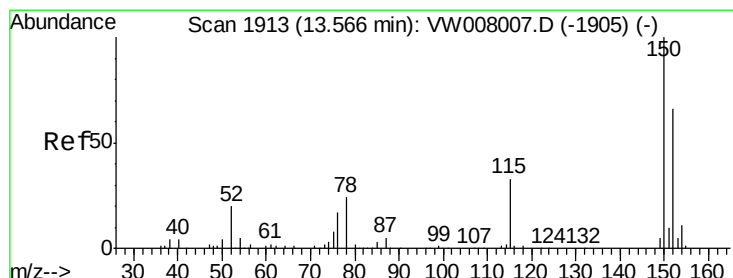
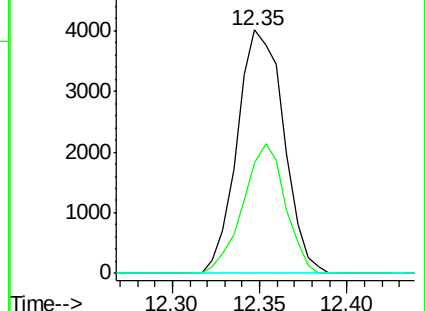
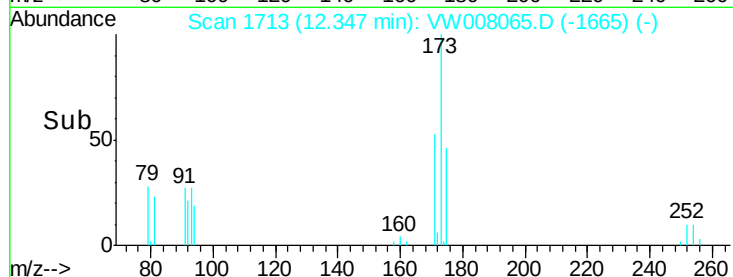
254 0.0 0.0 0.0



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. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

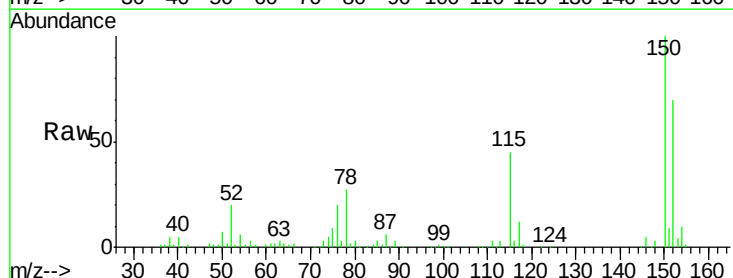
Tgt Ion:152 Resp: 50233

Ion Ratio Lower Upper

152 100

115 60.5 32.1 96.5

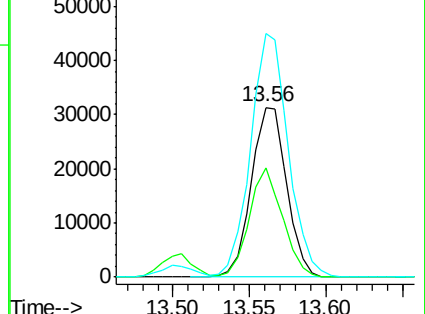
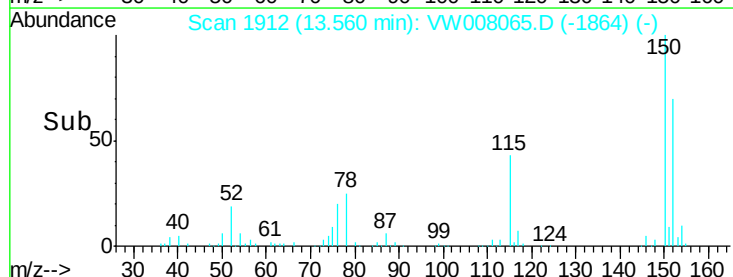
150 153.3 0.0 345.0

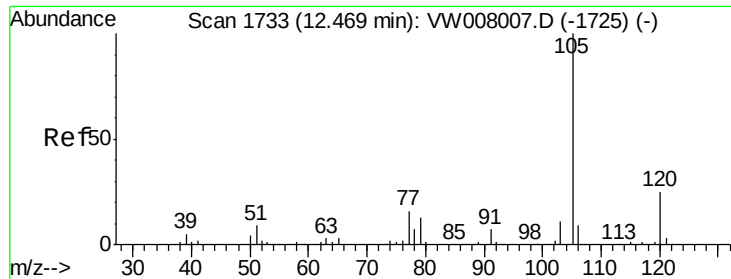


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.751 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

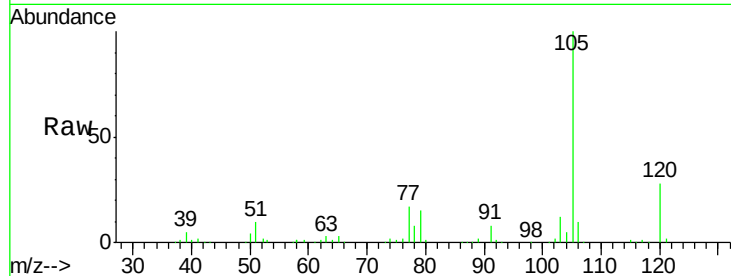
VW0107SBSD01

Tot Ion:105 Resp: 78893

Ion Ratio Lower Upper

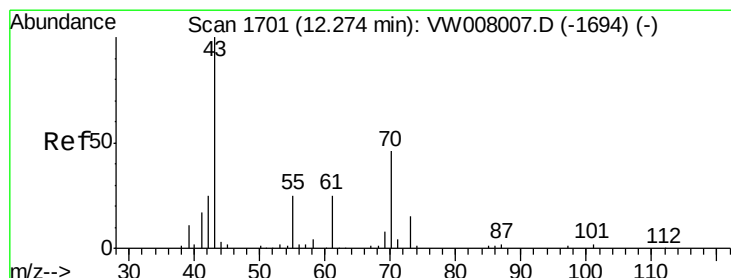
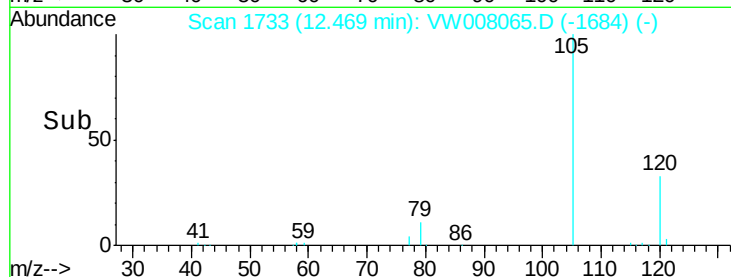
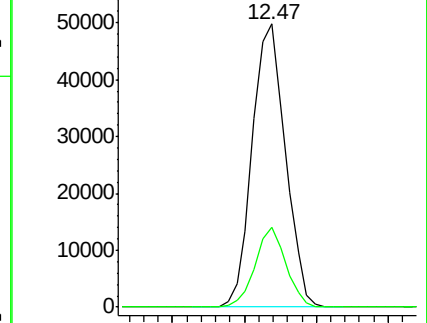
105 100

120 26.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.460 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Tgt Ion: 43 Resp: 13343

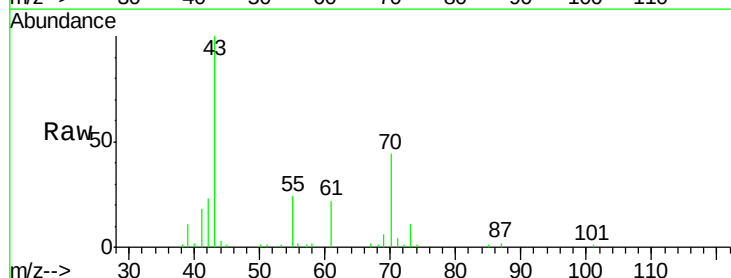
Ion Ratio Lower Upper

43 100

70 45.4 35.2 52.8

55 25.0 21.4 32.0

61 24.2 19.4 29.0

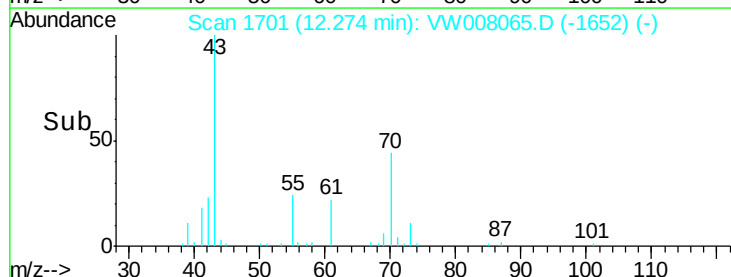
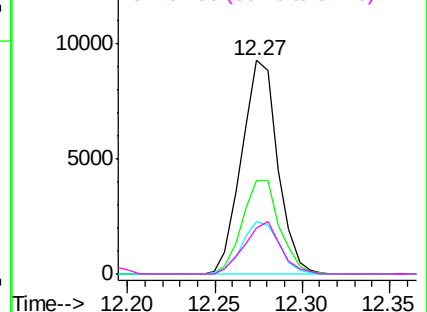


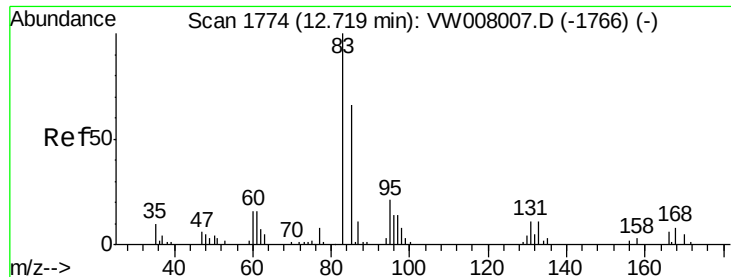
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.362 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

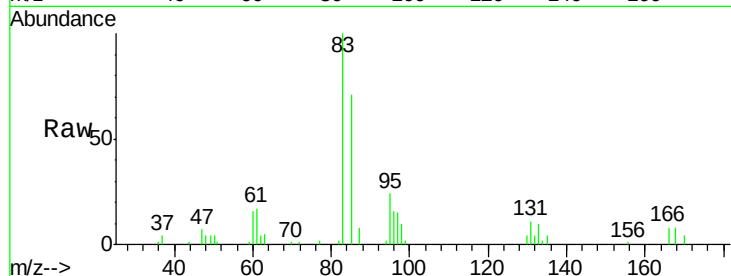
Tot Ion: 83 Resp: 10349

Ion Ratio Lower Upper

83 100

131 13.0 6.5 19.5

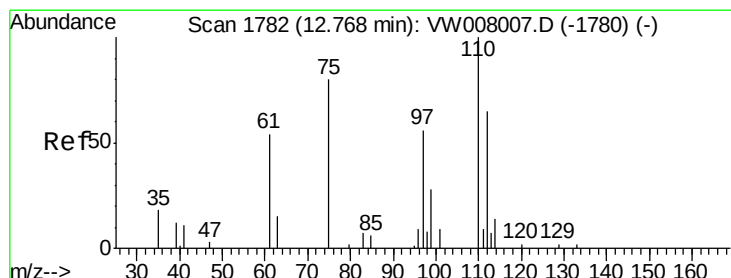
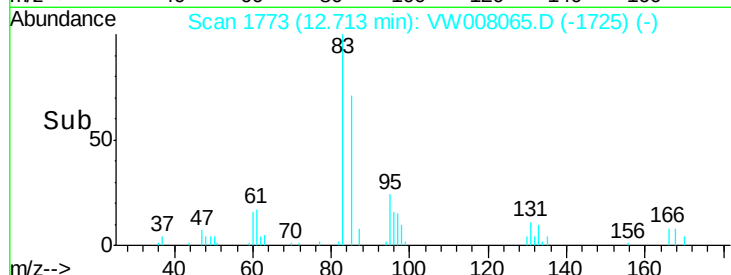
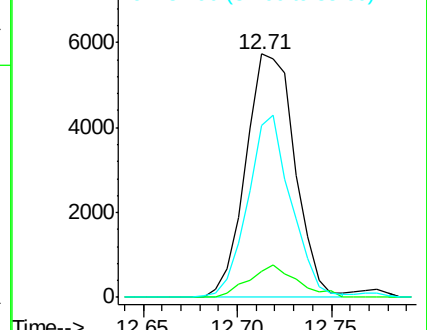
85 66.3 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 38.176 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008065.D

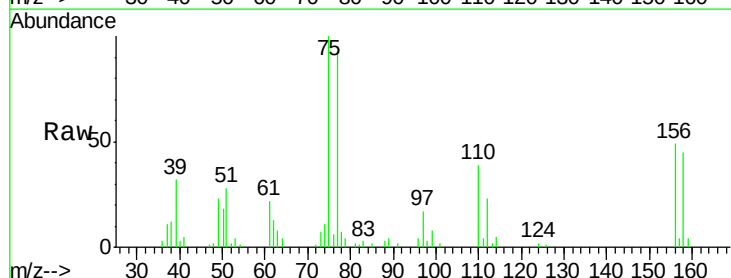
Acq: 07 Jan 2019 13:15

Tgt Ion: 75 Resp: 15256

Ion Ratio Lower Upper

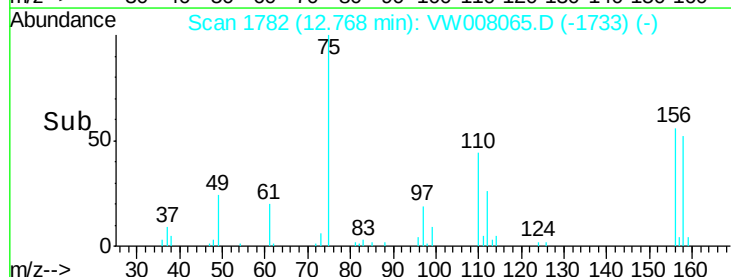
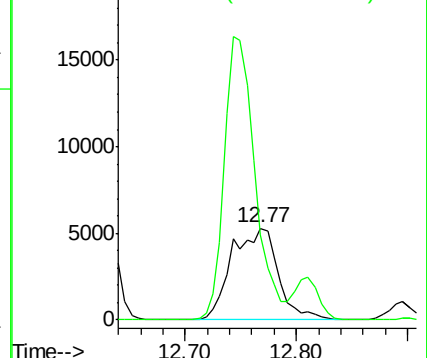
75 100

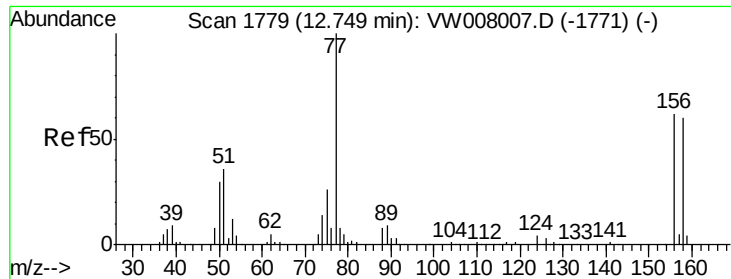
77 0.0 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.895 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

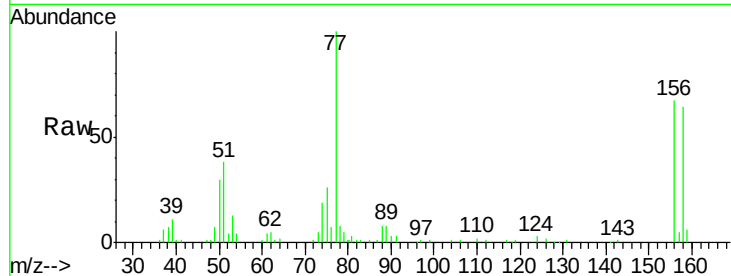
Tot Ion:156 Resp: 17081

Ion Ratio Lower Upper

156 100

77 183.3 87.9 263.8

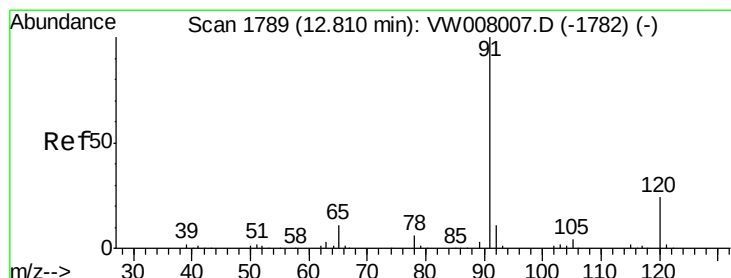
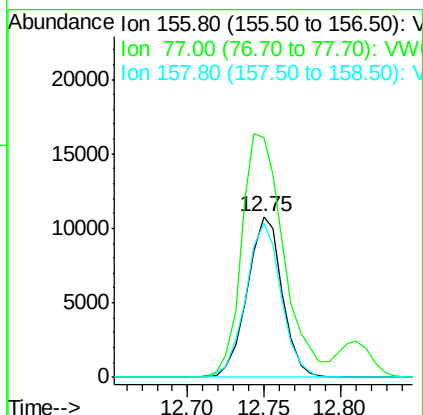
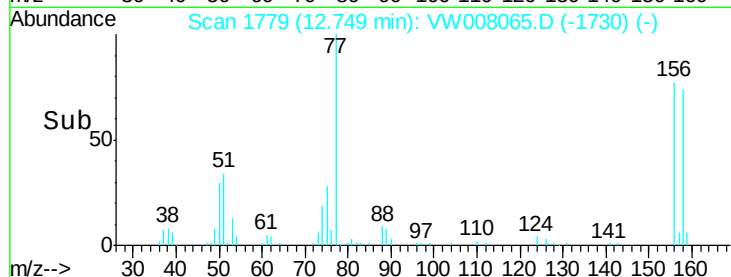
158 96.9 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.778 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008065.D

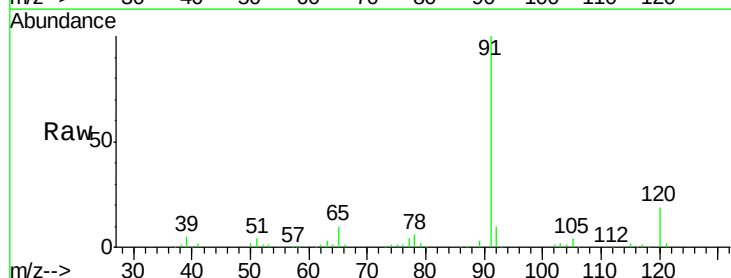
Acq: 07 Jan 2019 13:15

Tgt Ion: 91 Resp: 96229

Ion Ratio Lower Upper

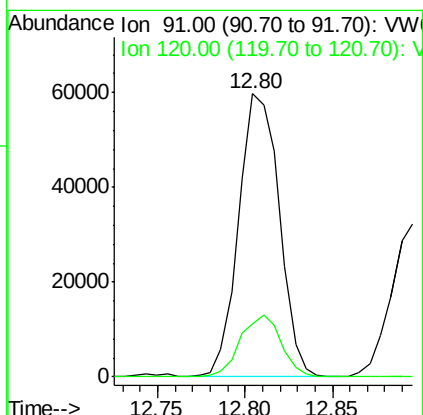
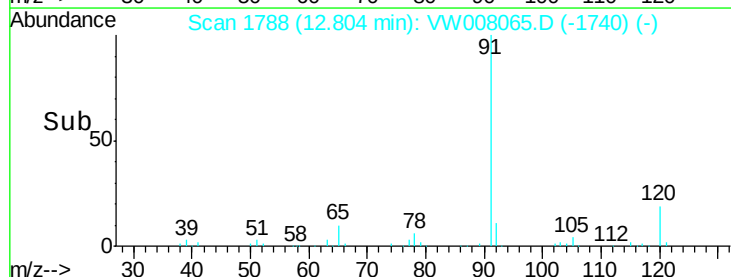
91 100

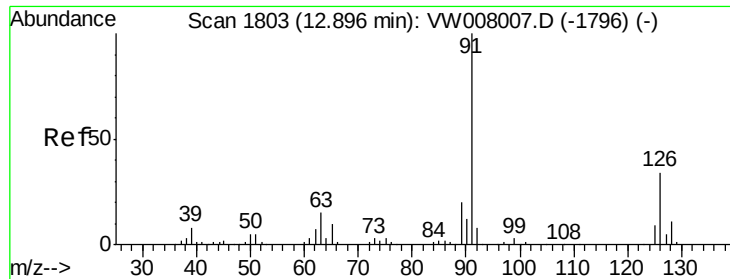
120 22.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.144 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

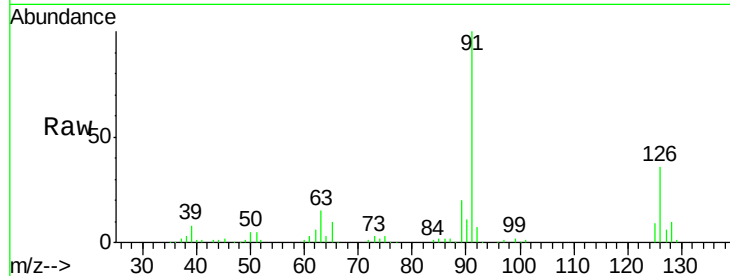
VW0107SBSD01

Tot Ion: 91 Resp: 53918

Ion Ratio Lower Upper

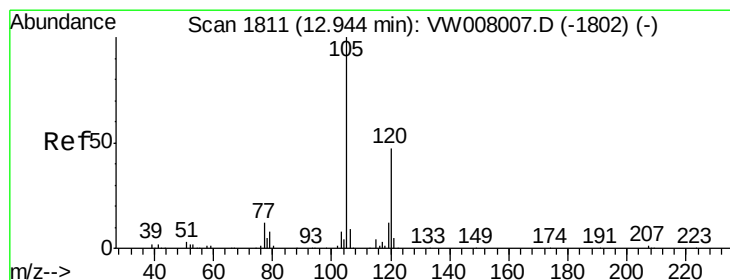
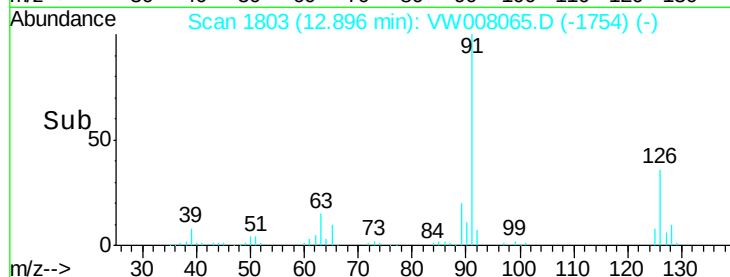
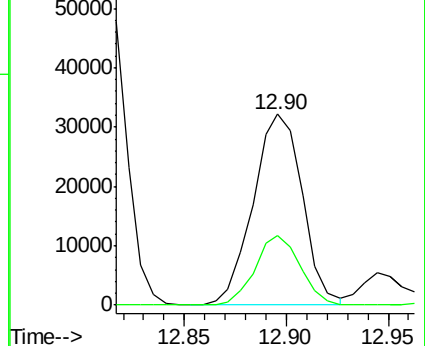
91 100

126 33.6 17.1 51.2



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: 21.104 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008065.D

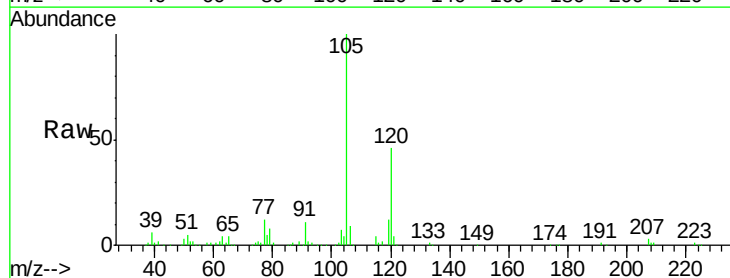
Acq: 07 Jan 2019 13:15

Tgt Ion:105 Resp: 72561

Ion Ratio Lower Upper

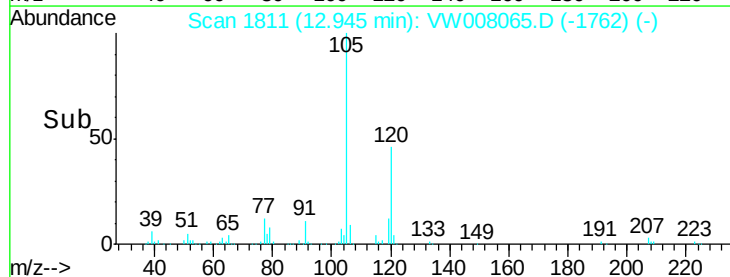
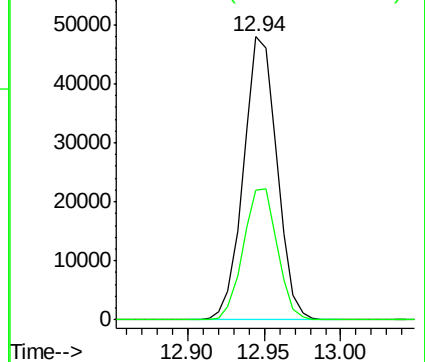
105 100

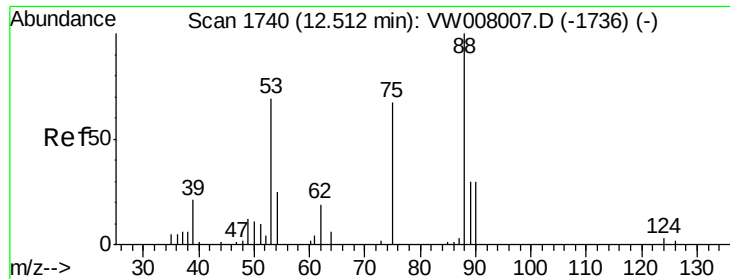
120 47.2 23.3 69.9



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: 19.723 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

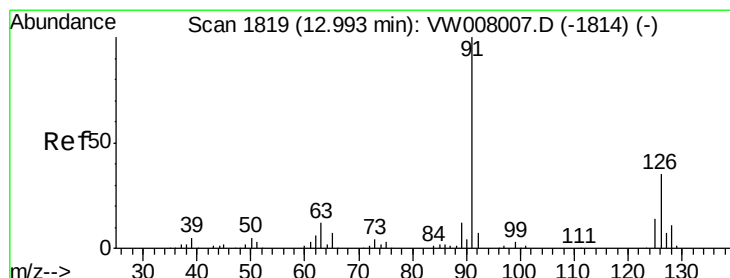
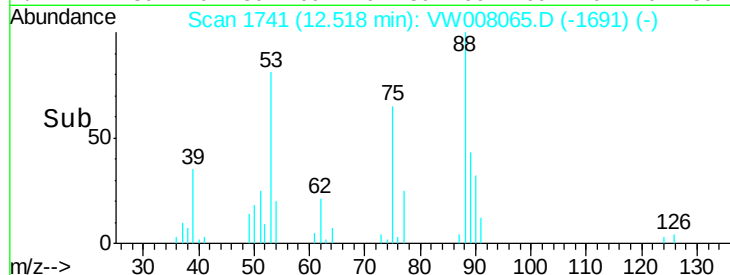
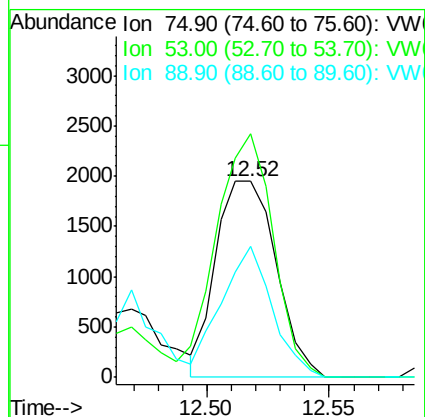
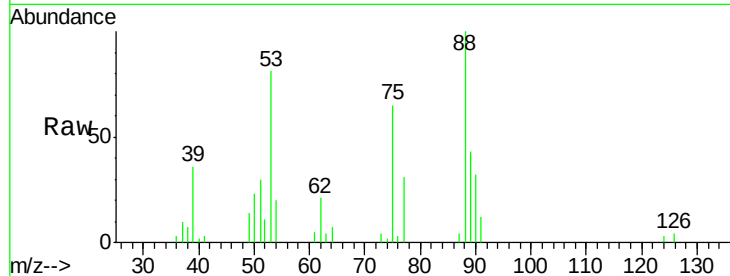
Tot Ion: 75 Resp: 3333

Ion Ratio Lower Upper

75 100

53 117.7 87.6 131.4

89 56.5 42.2 63.2



#82

4-Chlorotoluene

Concen: 19.898 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008065.D

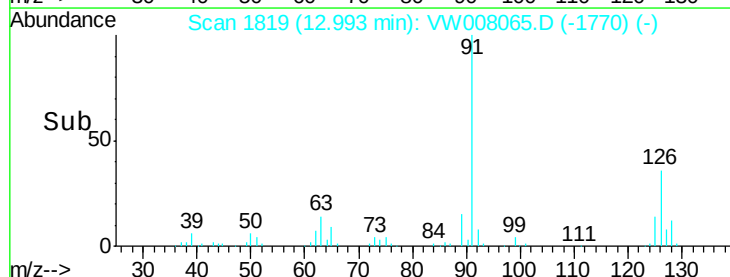
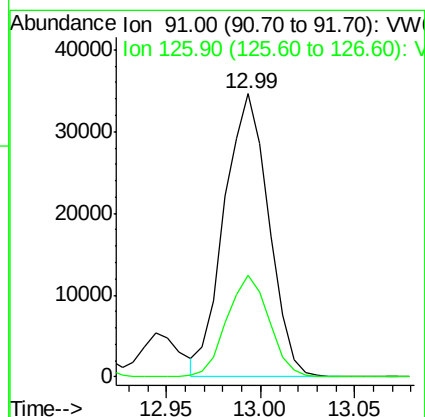
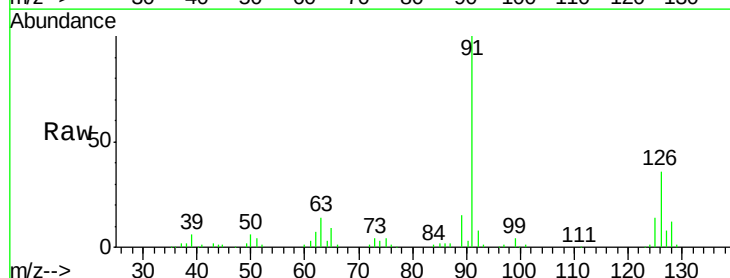
Acq: 07 Jan 2019 13:15

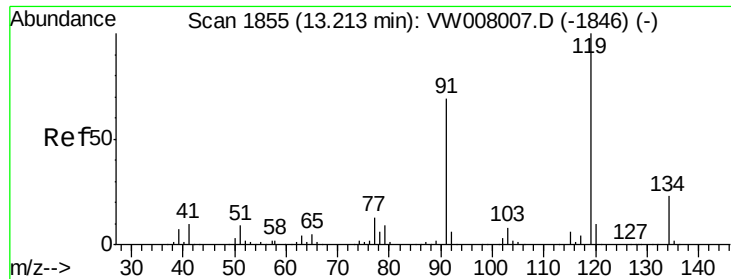
Tgt Ion: 91 Resp: 56633

Ion Ratio Lower Upper

91 100

126 34.0 16.7 50.1

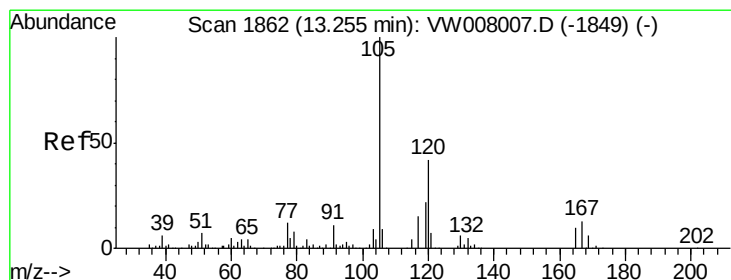
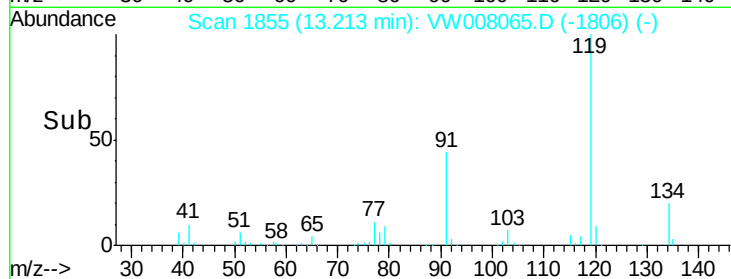
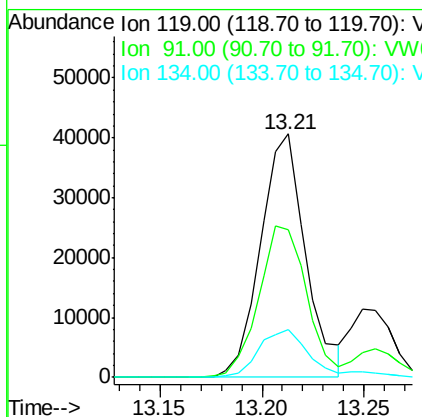
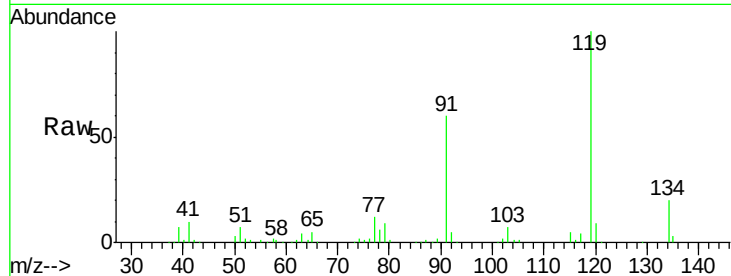




#83
tert-Butylbenzene
Concen: 20.842 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

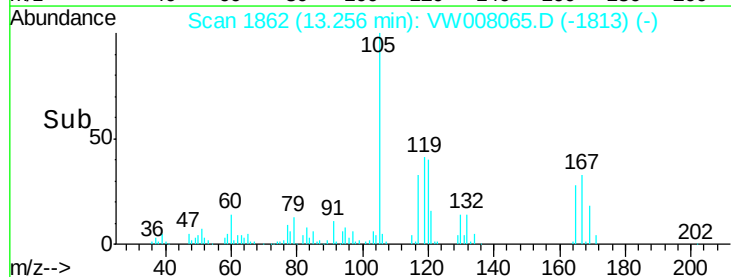
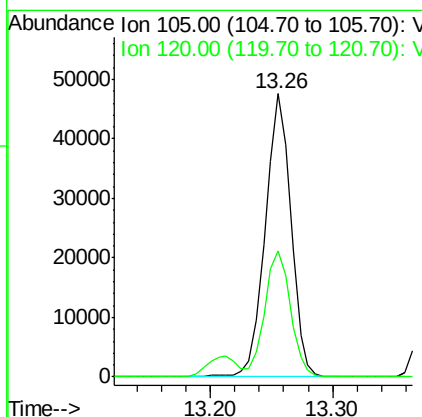
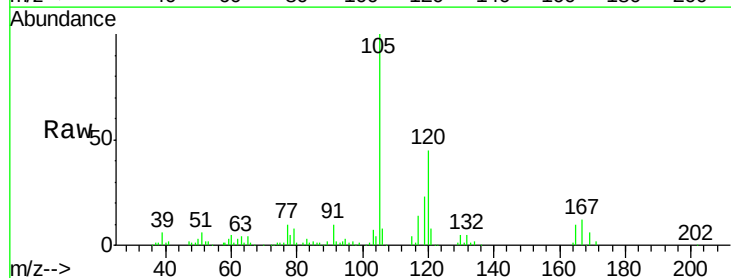
Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

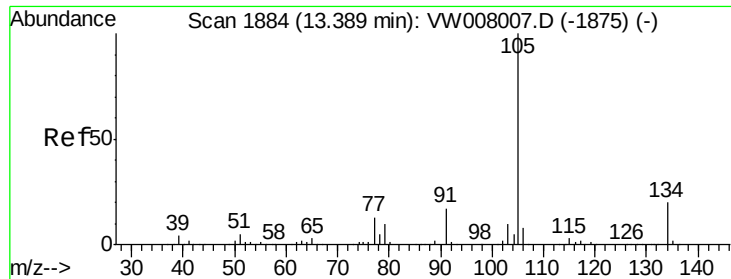
Tot Ion:119 Resp: 62696
Ion Ratio Lower Upper
119 100
91 66.1 34.7 104.1
134 23.2 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 20.012 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion:105 Resp: 69693
Ion Ratio Lower Upper
105 100
120 44.8 21.5 64.5

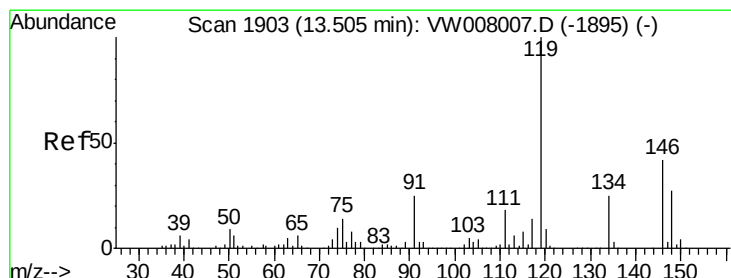
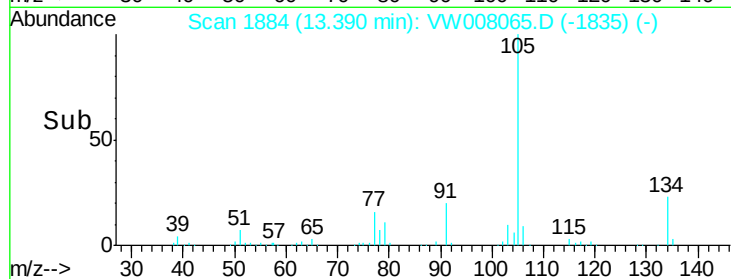
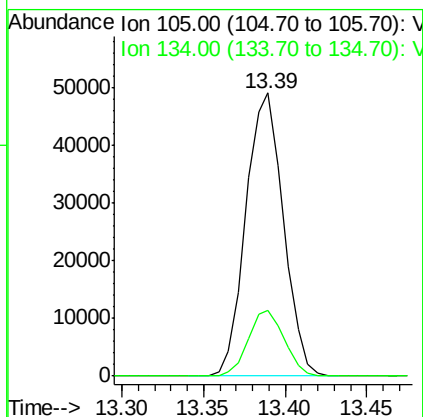
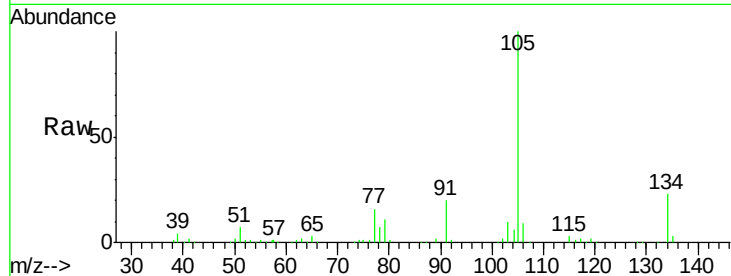




#85
 sec-Butylbenzene
 Concen: 19.009 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

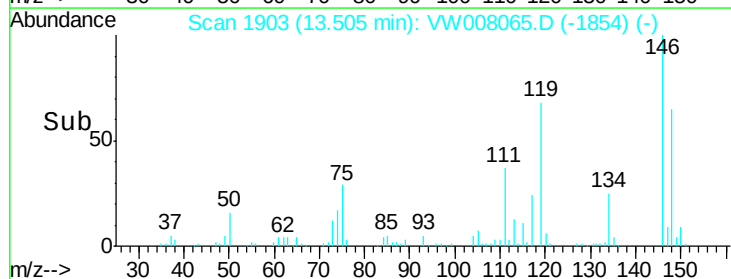
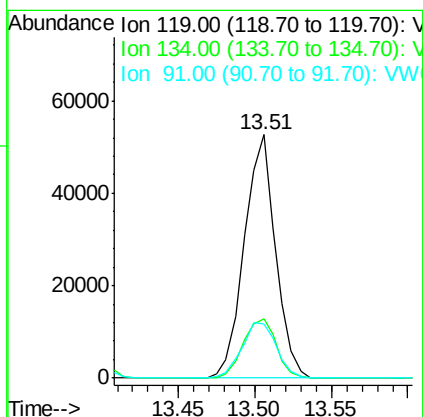
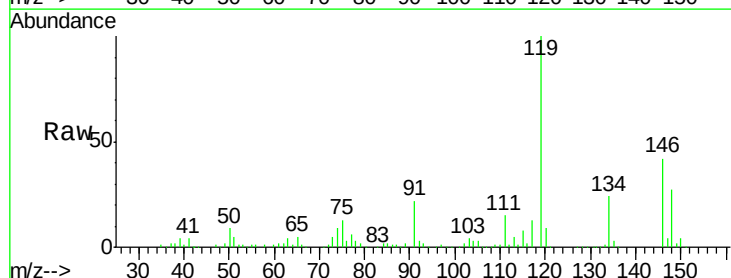
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0107SBSD01

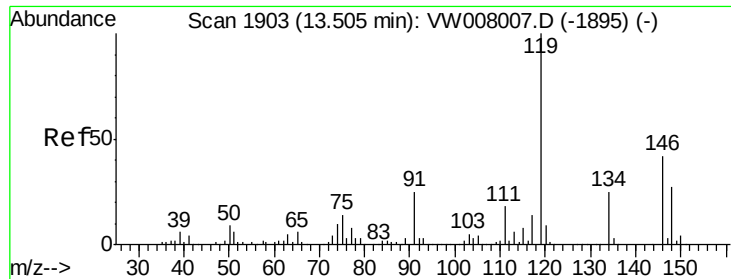
Tot Ion:105 Resp: 78661
 Ion Ratio Lower Upper
 105 100
 134 22.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.942 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion:119 Resp: 74434
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.5 37.5
 91 25.5 13.1 39.3

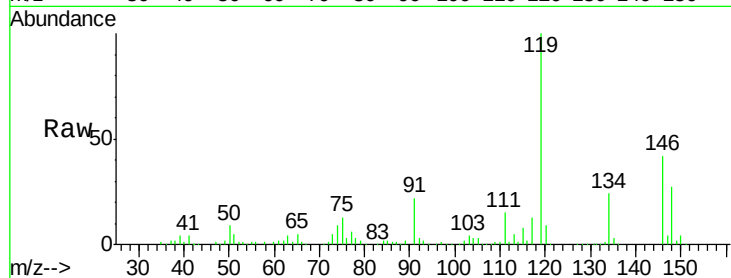




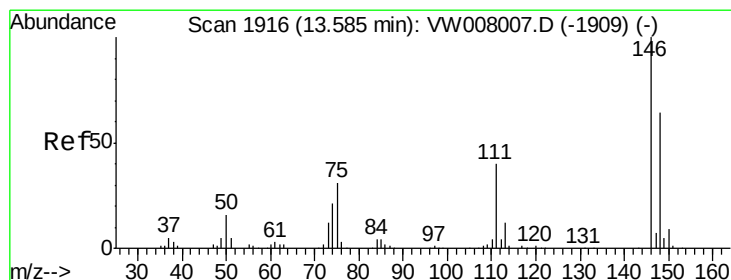
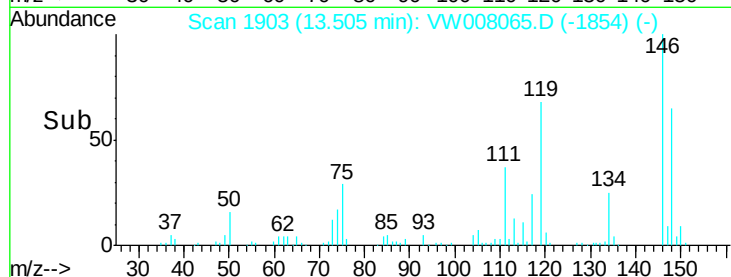
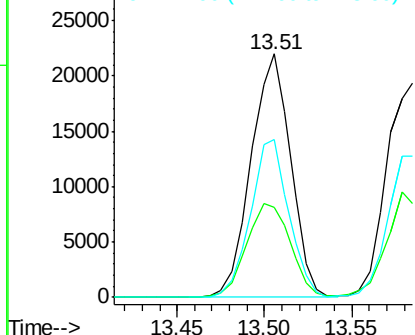
#87
 1,3-Dichlorobenzene
 Concen: 20.032 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

Tot Ion:146 Resp: 34702
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.4 64.2
 148 62.9 31.9 95.5

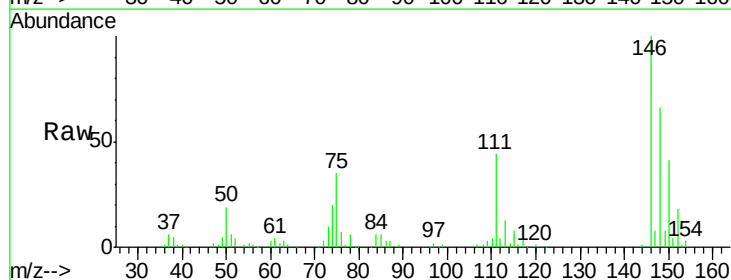


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

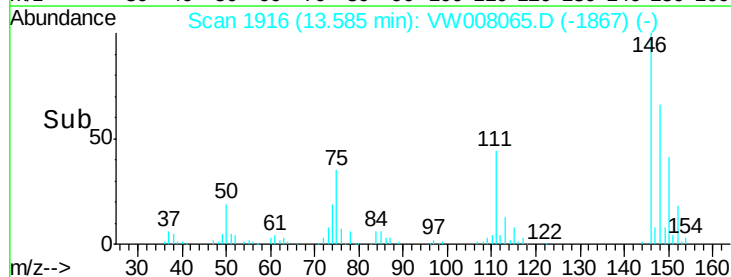
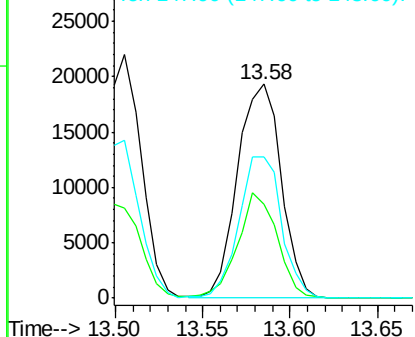


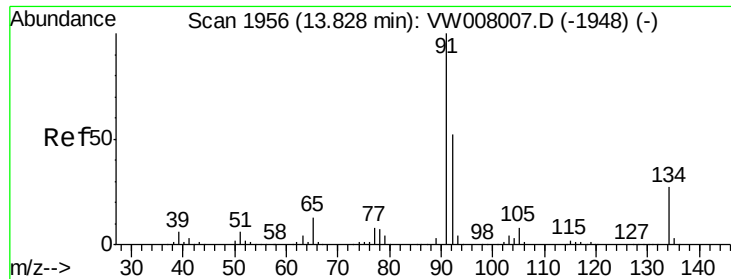
#88
 1,4-Dichlorobenzene
 Concen: 19.656 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion:146 Resp: 33711
 Ion Ratio Lower Upper
 146 100
 111 44.6 20.9 62.8
 148 64.3 31.9 95.9



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





#89

n-Butylbenzene

Concen: 19.288 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008065.D

Acq: 07 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0107SBSD01

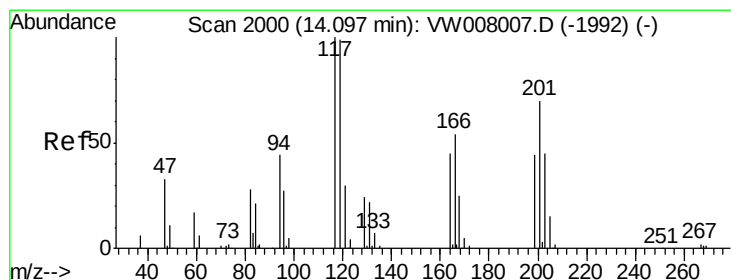
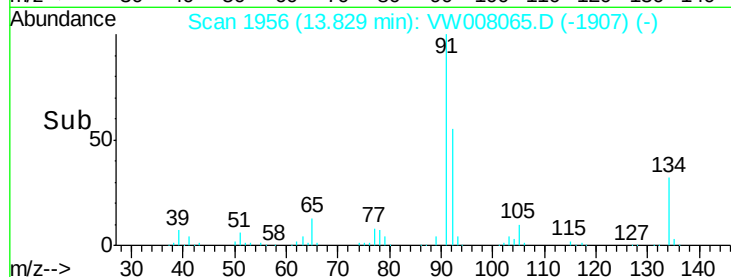
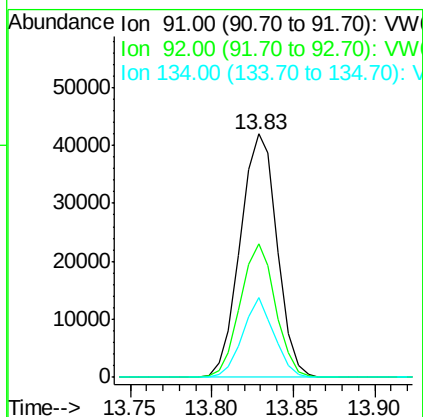
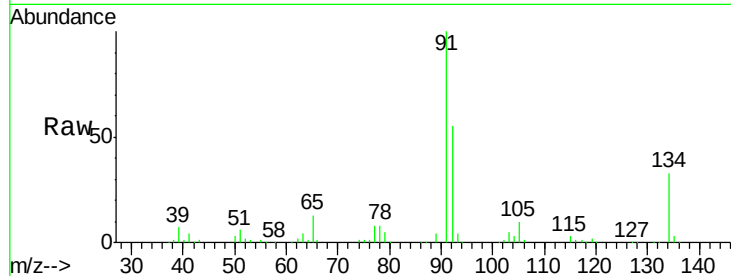
Tot Ion: 91 Resp: 65852

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 28.1 13.4 40.2



#90

Hexachloroethane

Concen: 20.219 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008065.D

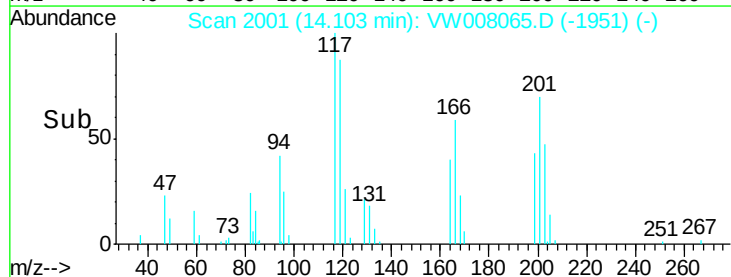
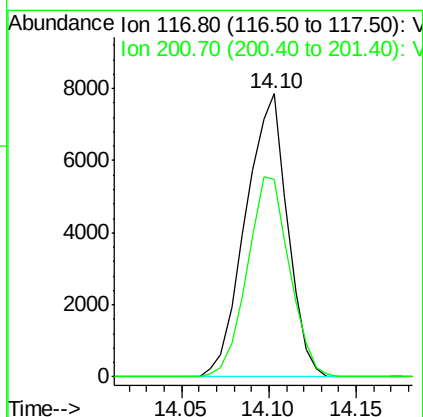
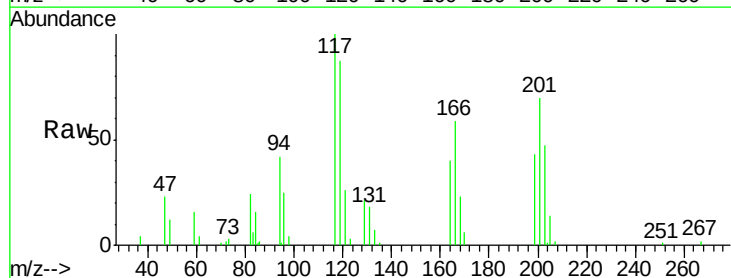
Acq: 07 Jan 2019 13:15

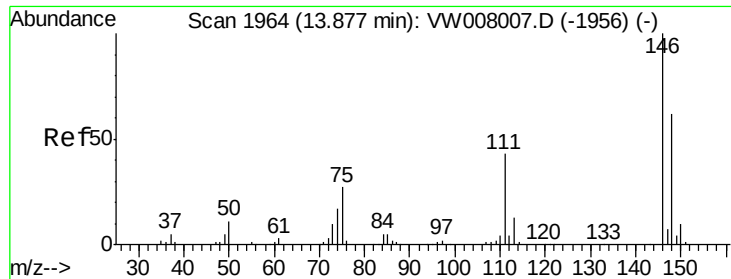
Tgt Ion: 117 Resp: 13095

Ion Ratio Lower Upper

117 100

201 71.4 37.1 111.5

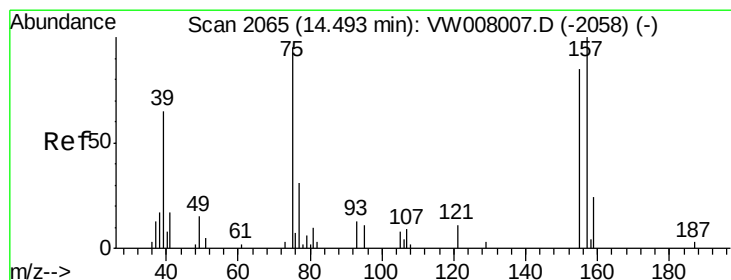
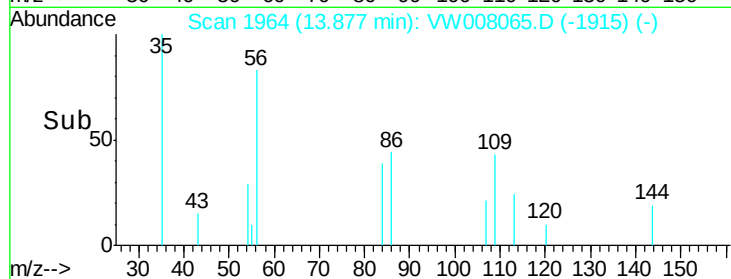
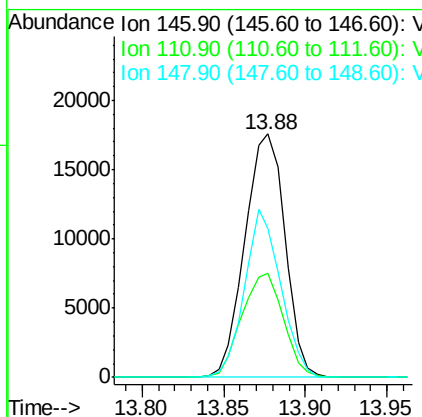
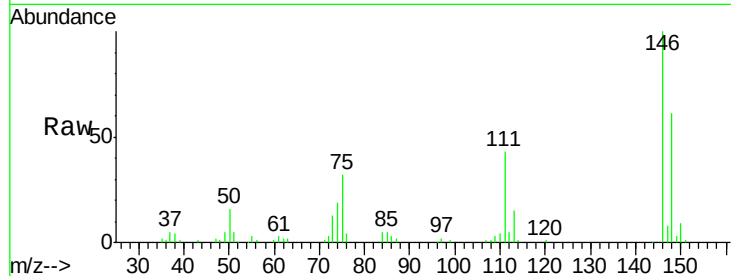




#91
 1,2-Dichlorobenzene
 Concen: 19.799 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

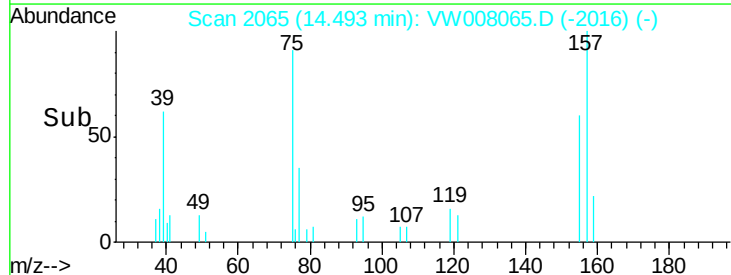
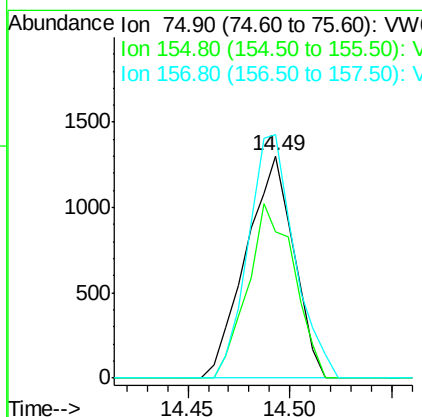
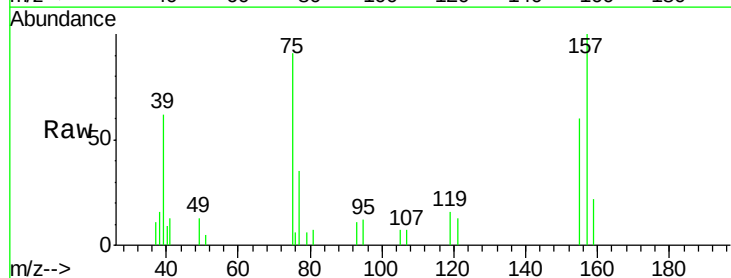
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

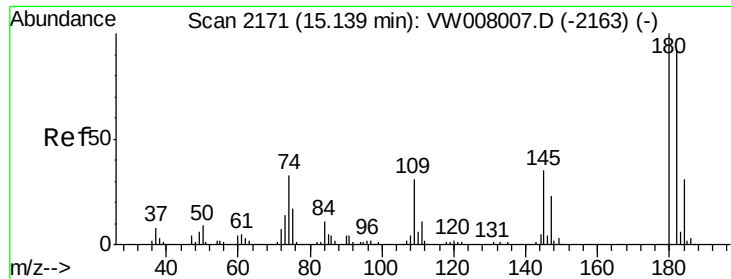
Tot Ion:146 Resp: 30140
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.6 67.7
 148 62.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.552 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion: 75 Resp: 2120
 Ion Ratio Lower Upper
 75 100
 155 76.4 42.4 127.1
 157 106.0 52.3 156.8

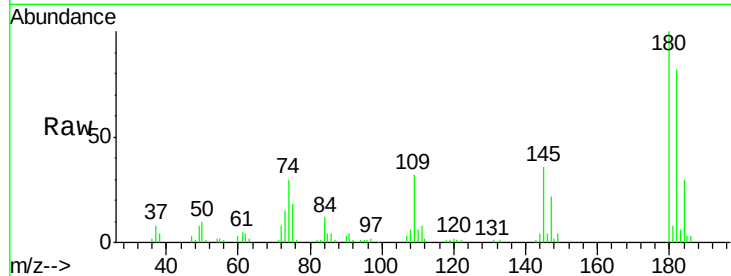




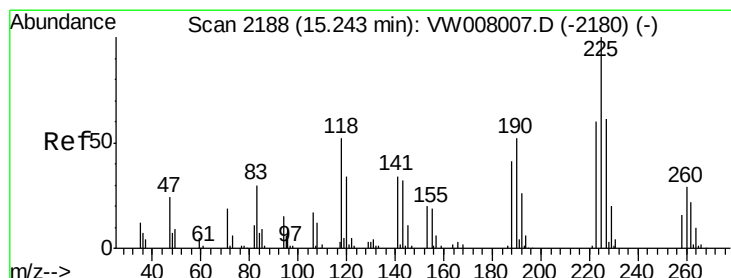
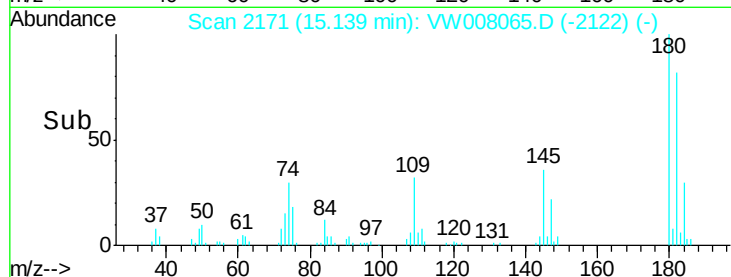
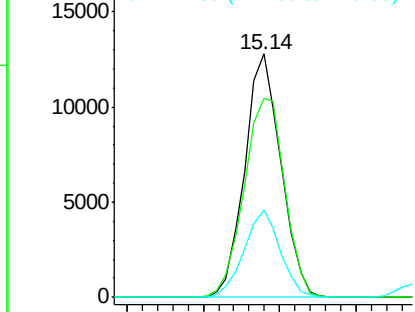
#93
 1,2,4-Trichlorobenzene
 Concen: 19.639 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.6	139.8
145	35.7	17.2	51.6

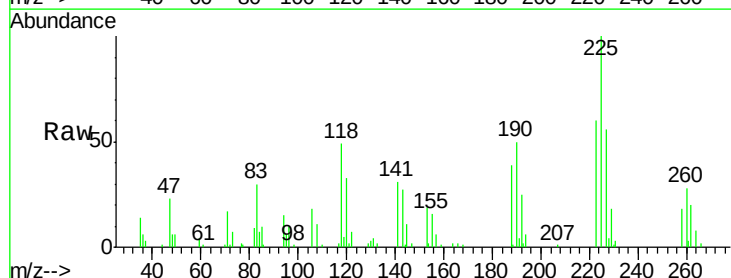


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

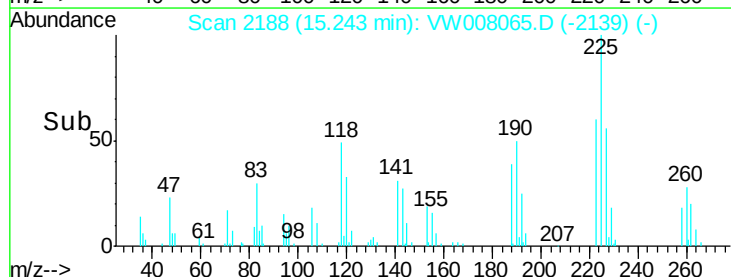
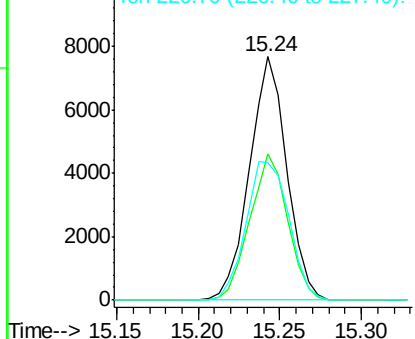


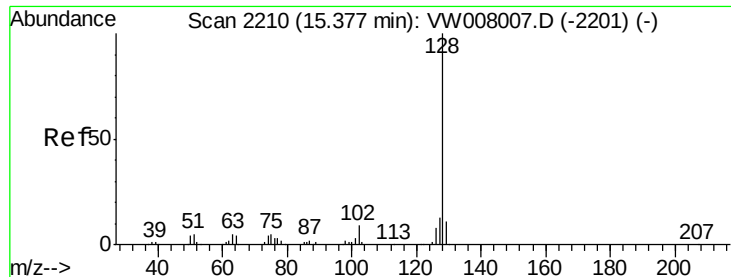
#94
 Hexachlorobutadiene
 Concen: 19.721 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008065.D
 Acq: 07 Jan 2019 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	30.6	92.0
227	65.7	31.3	93.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

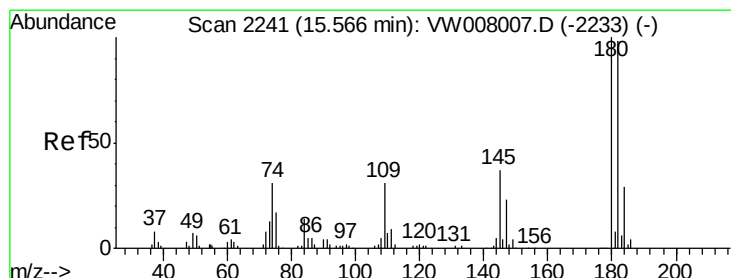
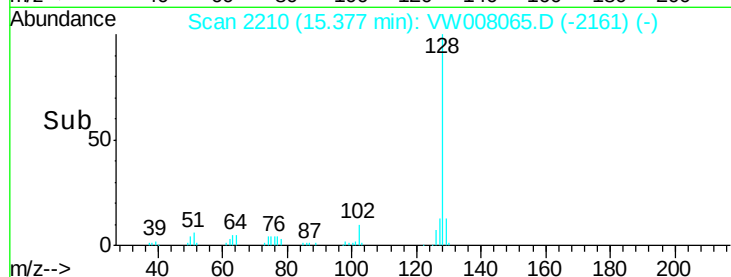
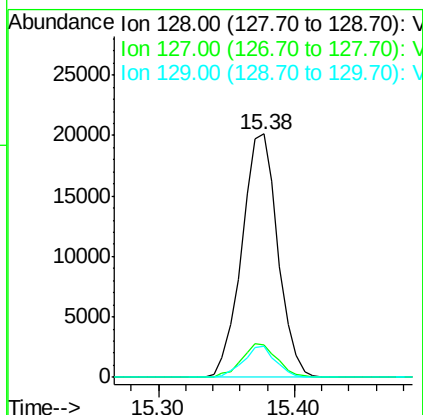
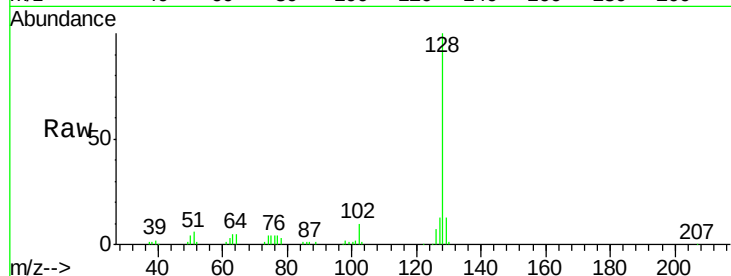




#95
Naphthalene
Concen: 20.415 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0107SBSD01

Tot Ion:128 Resp: 37173
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.913 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008065.D
Acq: 07 Jan 2019 13:15

Tgt Ion:180 Resp: 17518
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.8
145 37.7 18.7 56.1

