

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW008998.D
 Acq On : 05 Mar 2019 15:54
 Operator : SY/VA
 Sample : K1655-12MSD
 Misc : 6.65G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 06 06:50:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	264952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88997	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.88	113	79806	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.32	98	337042	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
62) 4-Bromofluorobenzene	12.62	95	127253	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	89208	47.323	ug/l	97
3) Chloromethane	2.21	50	111465	48.576	ug/l	98
4) Vinyl Chloride	2.35	62	115852	47.685	ug/l	95
5) Bromomethane	2.76	94	86533	47.953	ug/l	98
6) Chloroethane	2.92	64	85477	49.546	ug/l	100
7) Trichlorofluoromethane	3.26	101	150779	49.070	ug/l	95
8) Diethyl Ether	3.69	74	45430	46.700	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	89258	47.835	ug/l	99
10) Methyl Iodide	4.27	142	92257	39.539	ug/l	97
11) Tert butyl alcohol	5.17	59	36936	235.030	ug/l	98
12) 1,1-Dichloroethene	4.03	96	78806	47.822	ug/l	99
13) Acrolein	3.89	56	21464	139.021	ug/l	99
14) Allyl chloride	4.67	41	137803	48.452	ug/l	98
15) Acrylonitrile	5.37	53	108645	260.231	ug/l	99
16) Acetone	4.12	43	116305	284.246	ug/l	99
17) Carbon Disulfide	4.38	76	237695	43.474	ug/l	98
18) Methyl Acetate	4.68	43	64826	66.796	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	220018	49.327	ug/l	98
20) Methylene Chloride	4.92	84	108497	54.264	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	90238	47.339	ug/l	96
22) Diisopropyl ether	6.32	45	288696	50.884	ug/l	94
23) Vinyl Acetate	6.26	43	782431	223.204	ug/l	100
24) 1,1-Dichloroethane	6.21	63	161858	49.231	ug/l	99
25) 2-Butanone	7.17	43	150778	263.576	ug/l	98
26) 2,2-Dichloropropane	7.17	77	142602	47.776	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	98216	48.167	ug/l	98
28) Bromochloromethane	7.51	49	62916	45.731	ug/l #	99
29) Tetrahydrofuran	7.53	42	99174	272.046	ug/l	99
30) Chloroform	7.68	83	162251	48.106	ug/l	99
31) Cyclohexane	7.95	56	158759	47.705	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	155760	50.782	ug/l	98
36) 1,1-Dichloropropene	8.09	75	136036	52.745	ug/l	99
37) Ethyl Acetate	7.25	43	63688	53.102	ug/l	100
38) Carbon Tetrachloride	8.07	117	139020	51.111	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	161059	50.065	ug/l	97
40) Benzene	8.32	78	366457	52.040	ug/l	100
41) Methacrylonitrile	7.49	41	36157	51.287	ug/l	95
42) 1,2-Dichloroethane	8.40	62	114429	51.297	ug/l	99
43) Isopropyl Acetate	8.43	43	128245	53.576	ug/l	97
44) Trichloroethene	9.09	130	100775	50.800	ug/l	97
45) 1,2-Dichloropropane	9.37	63	89573	51.474	ug/l	93
46) Dibromomethane	9.46	93	48993	50.616	ug/l	99
47) Bromodichloromethane	9.65	83	122980	52.221	ug/l	96
48) Methyl methacrylate	9.44	41	62200	54.255	ug/l	98
49) 1,4-Dioxane	9.45	88	17062	1100.734	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	355344	292.399	ug/l	100
52) Toluene	10.39	92	263467	55.129	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	121307	50.537	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	140142	51.190	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	69491	52.939	ug/l	93
56) Ethyl methacrylate	10.65	69	91913	53.894	ug/l	93
57) 1,3-Dichloropropane	10.93	76	123846	53.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	222399	259.285	ug/l	99
59) 2-Hexanone	10.97	43	249842	288.807	ug/l	100
60) Dibromochloromethane	11.13	129	83504	52.154	ug/l	99
61) 1,2-Dibromoethane	11.23	107	67392	51.866	ug/l	100
64) Tetrachloroethene	10.87	164	96918	53.281	ug/l	97
65) Chlorobenzene	11.66	112	280033	52.409	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	92891	51.415	ug/l	98
67) Ethyl Benzene	11.73	91	513635	53.773	ug/l	100
68) m/p-Xylenes	11.84	106	393612	103.135	ug/l	99
69) o-Xylene	12.16	106	188267	52.556	ug/l	99
70) Styrene	12.18	104	305005	52.923	ug/l	99
71) Bromoform	12.35	173	51060	52.577	ug/l #	99
73) Isopropylbenzene	12.46	105	513223	54.831	ug/l	99
74) N-amyl acetate	12.27	43	134578	57.080	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	86386	56.484	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	119817	106.289	ug/l #	100
77) Bromobenzene	12.75	156	122201	55.248	ug/l	99
78) n-propylbenzene	12.80	91	628161	54.864	ug/l	100
79) 2-Chlorotoluene	12.90	91	351350	54.049	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	425621	52.326	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	26352	56.830	ug/l	98
82) 4-Chlorotoluene	12.99	91	365361	53.335	ug/l	100
83) tert-Butylbenzene	13.21	119	372298	52.934	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	425303	50.511	ug/l	100
85) sec-Butylbenzene	13.38	105	542141	53.608	ug/l	99
86) p-Isopropyltoluene	13.50	119	488245	52.664	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	240463	52.399	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	241548	53.405	ug/l	100
89) n-Butylbenzene	13.83	91	443874	51.105	ug/l	99
90) Hexachloroethane	14.10	117	84785	55.864	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	218349	53.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16937	61.220	ug/l	98

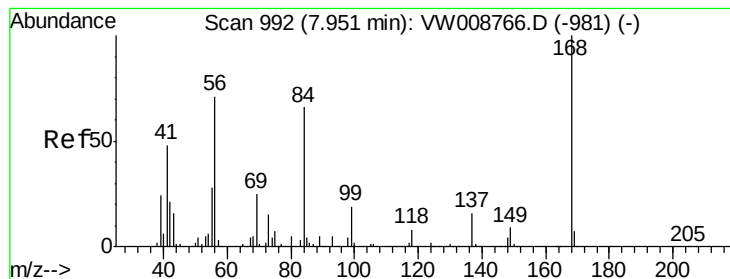
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	147639	50.112	ug/l	99
94) Hexachlorobutadiene	15.24	225	91288	52.603	ug/l	98
95) Naphthalene	15.37	128	265463	52.921	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	128615	50.490	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

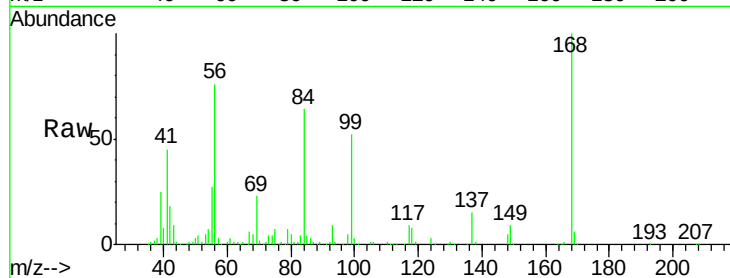
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 188211

Ion Ratio Lower Upper

168 100

99 51.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

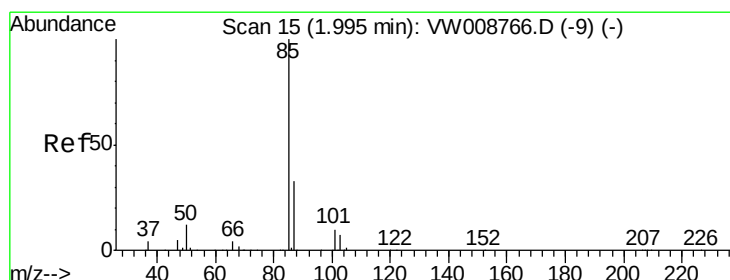
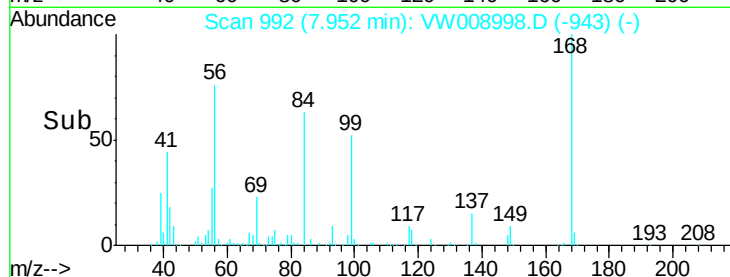
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 47.323 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008998.D

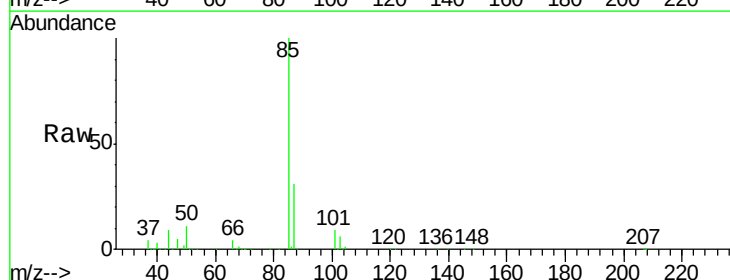
Acq: 05 Mar 2019 15:54

Tgt Ion: 85 Resp: 89208

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

40000

20000

0

1.90

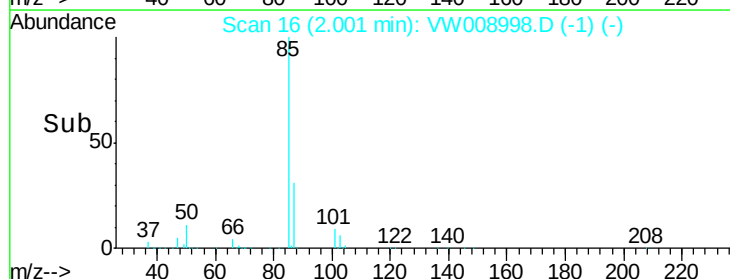
1.95

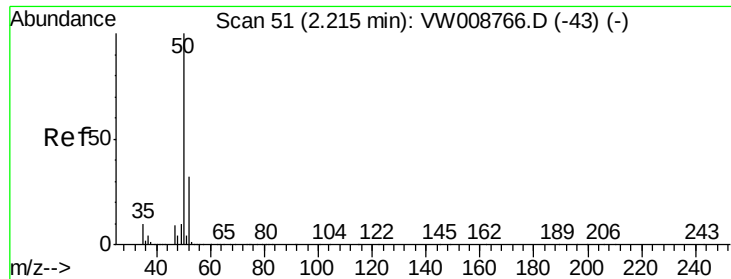
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 48.576 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

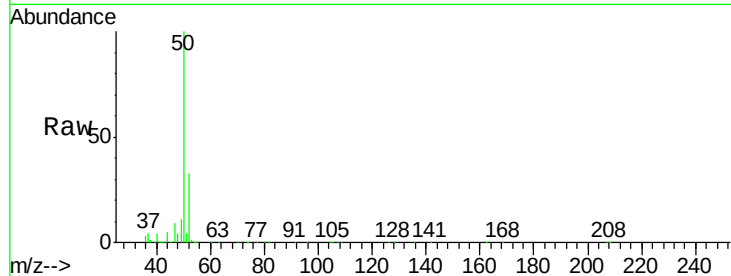
ClientSampleId :

Tot Ion: 50 Resp: 111465

Ion Ratio Lower Upper

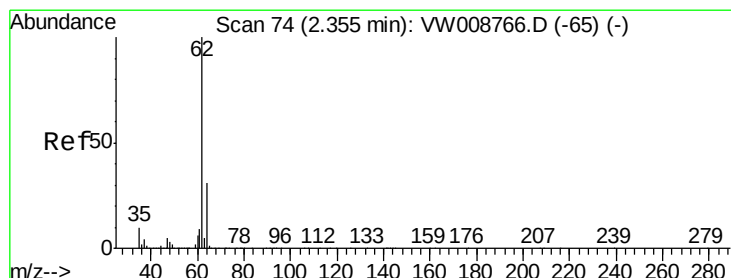
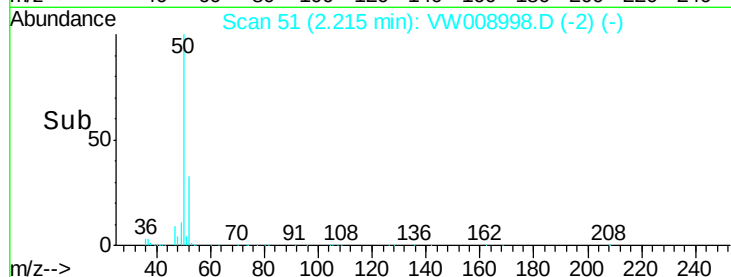
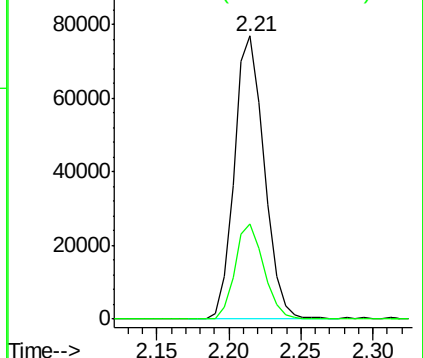
50 100

52 33.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 47.685 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008998.D

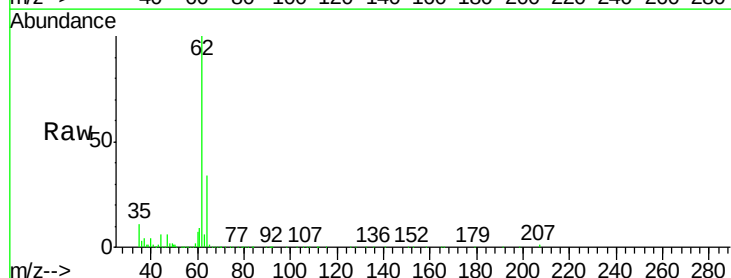
Acq: 05 Mar 2019 15:54

Tgt Ion: 62 Resp: 115852

Ion Ratio Lower Upper

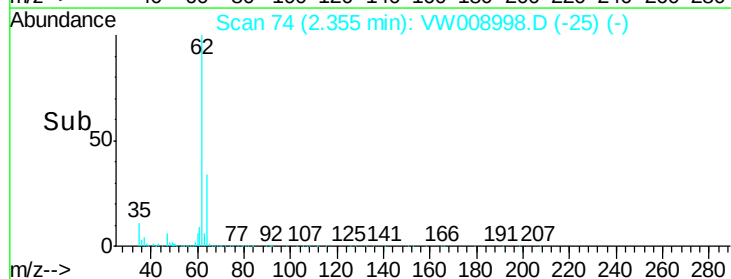
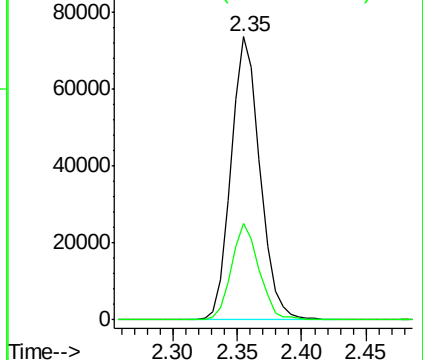
62 100

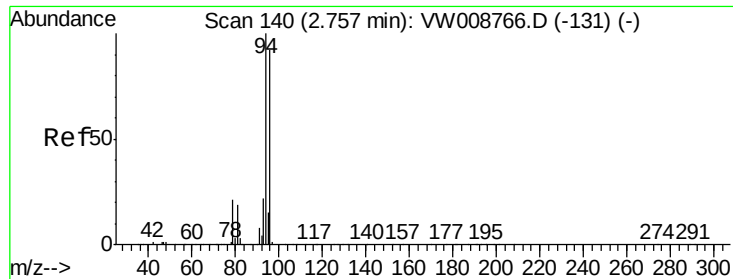
64 33.9 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 47.953 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

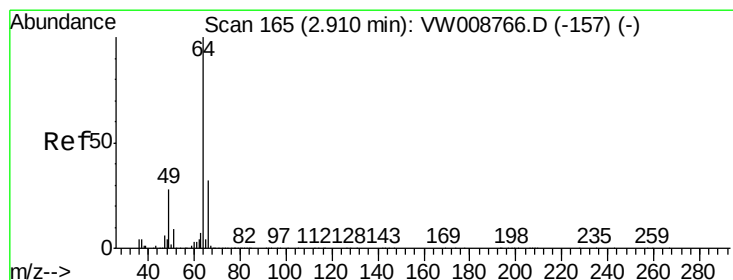
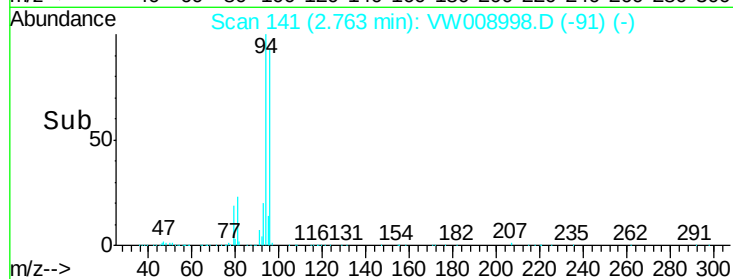
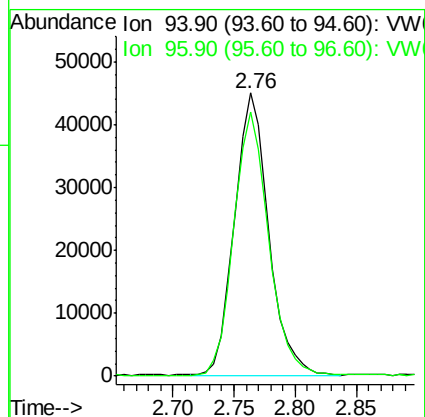
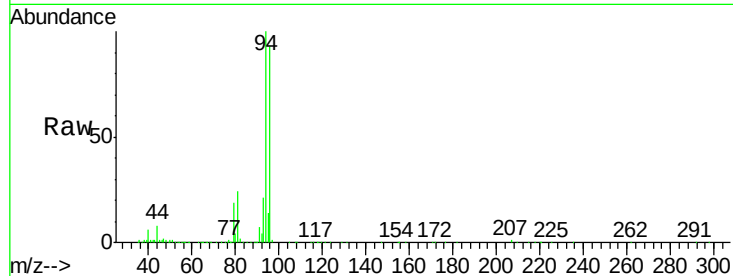
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 86533

Ion Ratio Lower Upper

94 100

96 93.3 73.4 110.2



#6

Chloroethane

Concen: 49.546 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW008998.D

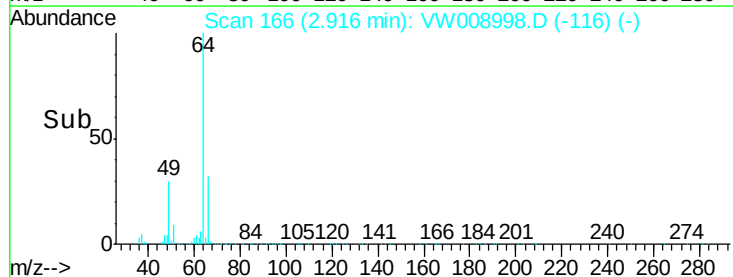
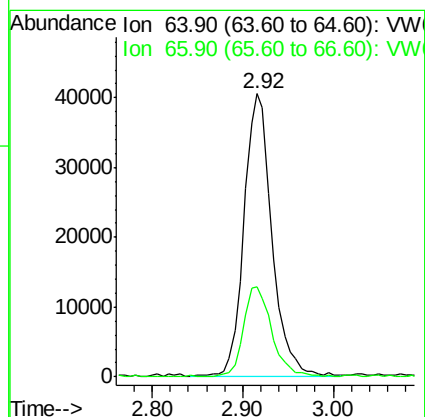
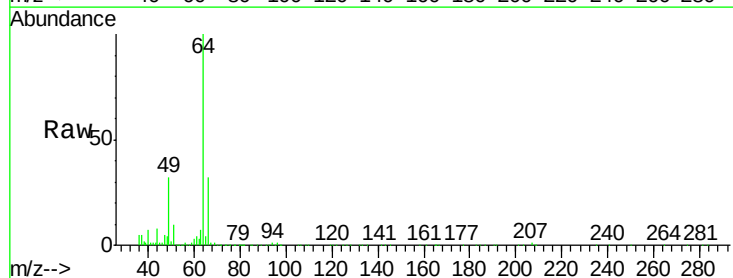
Acq: 05 Mar 2019 15:54

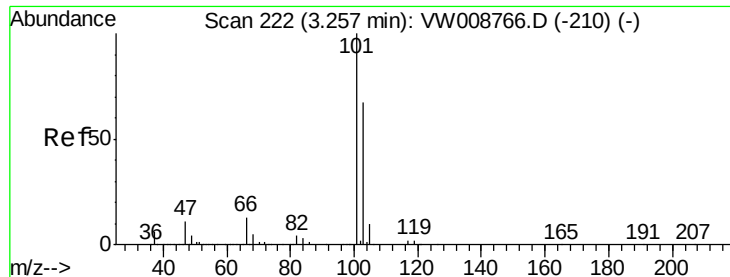
Tgt Ion: 64 Resp: 85477

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



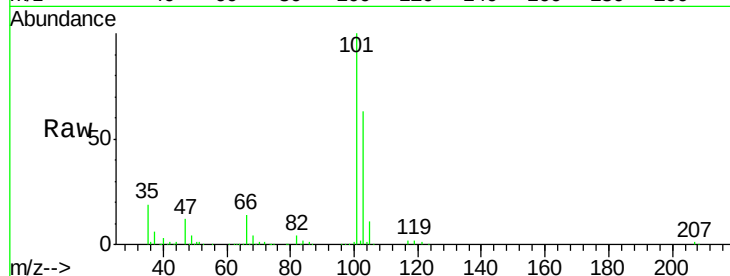


#7

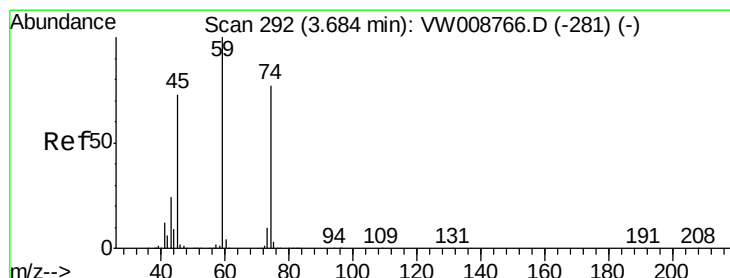
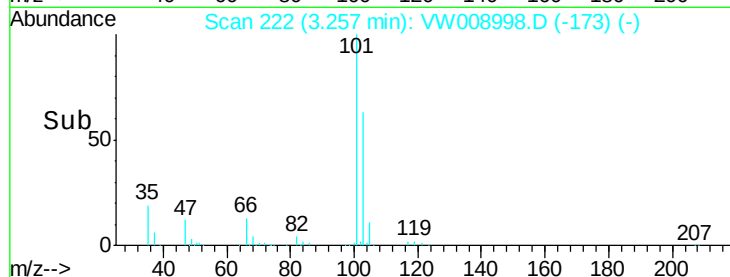
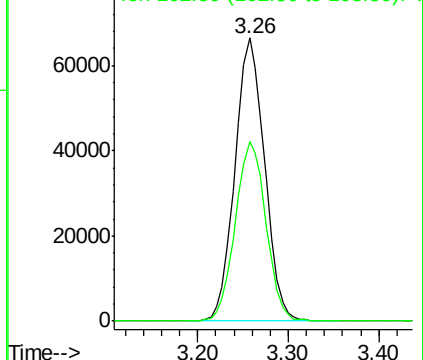
Trichlorofluoromethane
Concen: 49.070 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:101 Resp: 150779
Ion Ratio Lower Upper
101 100
103 63.3 53.9 80.9



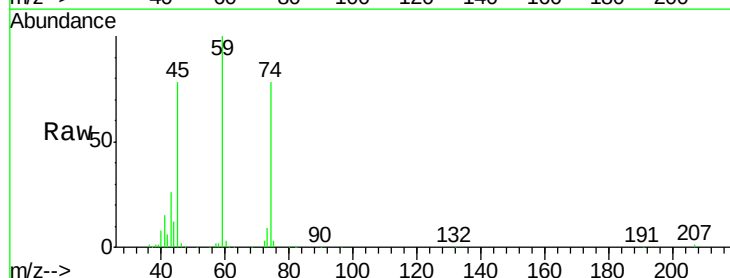
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



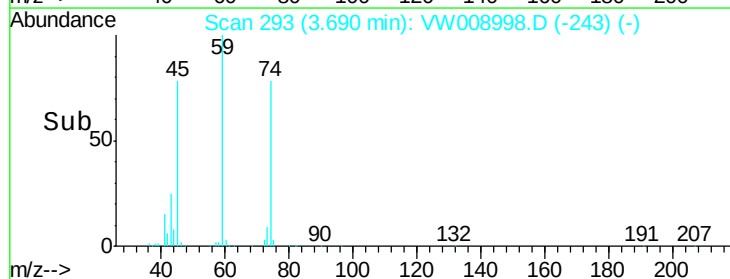
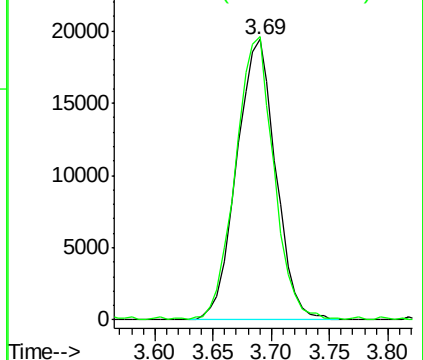
#8

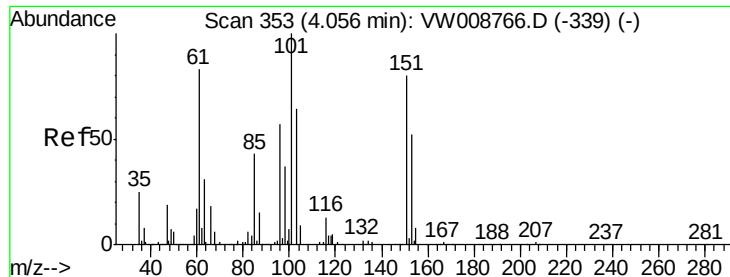
Diethyl Ether
Concen: 46.700 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.01 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion: 74 Resp: 45430
Ion Ratio Lower Upper
74 100
45 99.7 50.2 150.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.835 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

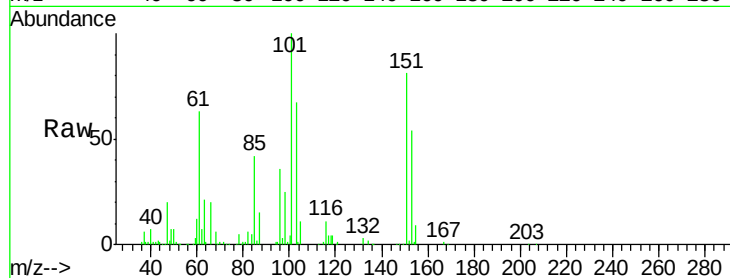
Tot Ion:101 Resp: 89258

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

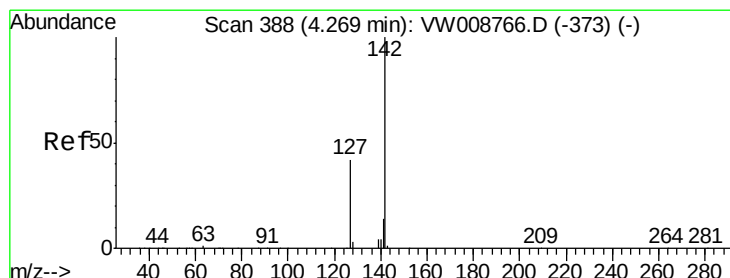
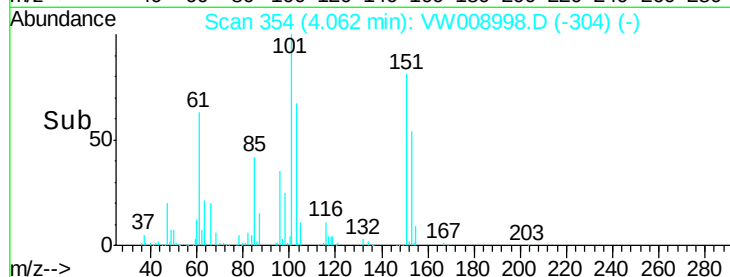
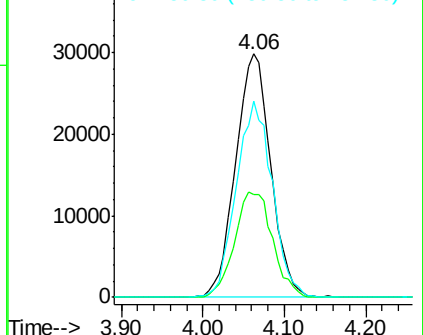
151 82.8 65.5 98.3



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: 39.539 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

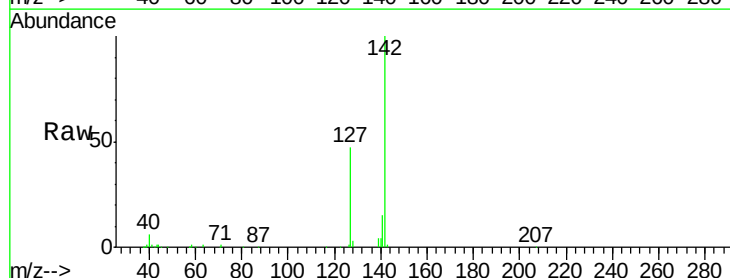
Tgt Ion:142 Resp: 92257

Ion Ratio Lower Upper

142 100

127 46.1 35.3 52.9

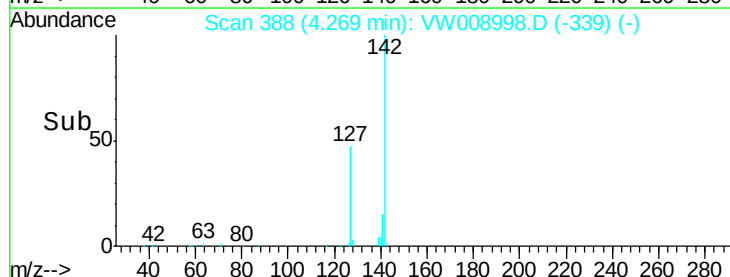
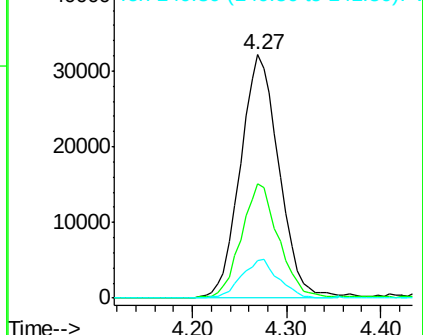
141 15.1 11.7 17.5

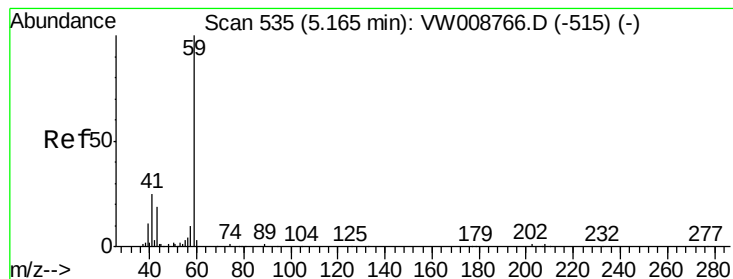


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



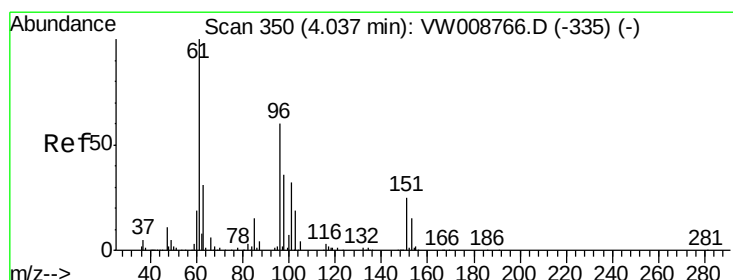
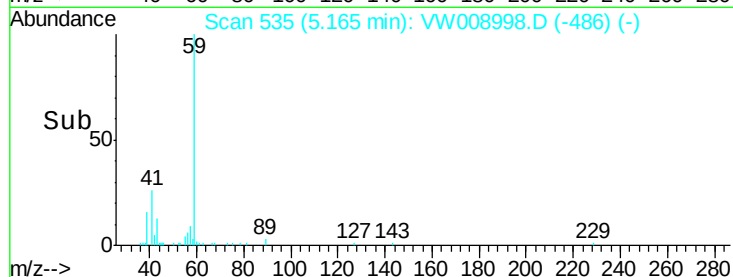
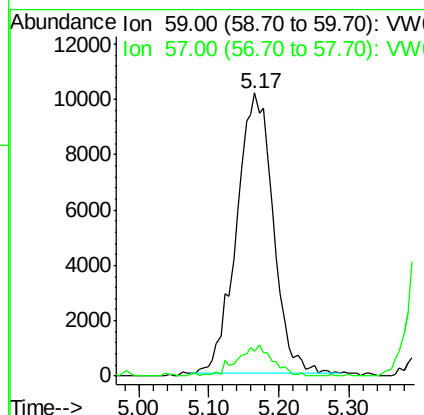
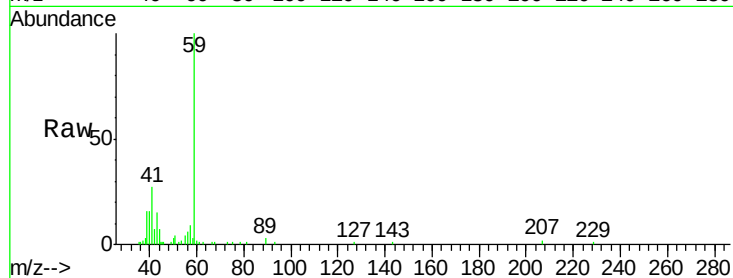


#11

Tert butyl alcohol
 Concen: 235.030 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Instrument :
 MSVOA_W
 ClientSampleId :

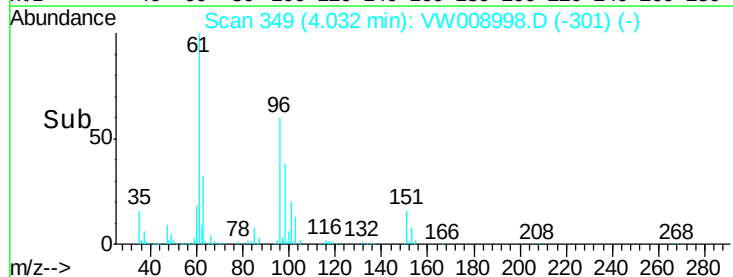
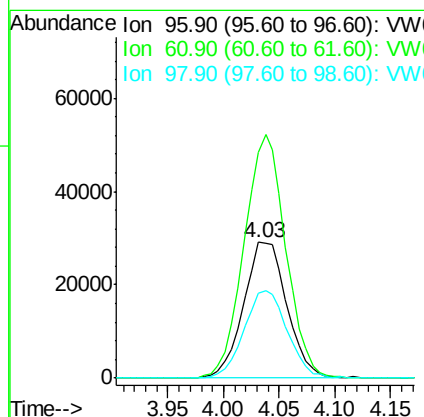
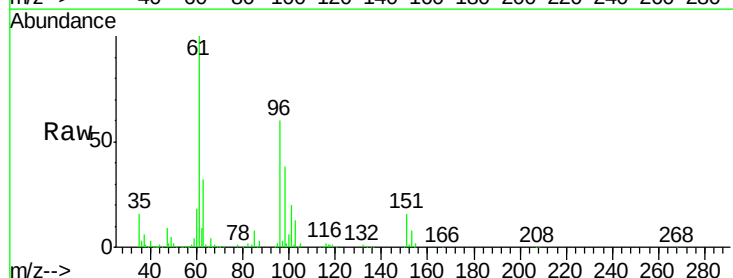
Tot Ion: 59 Resp: 36936
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.3 13.9

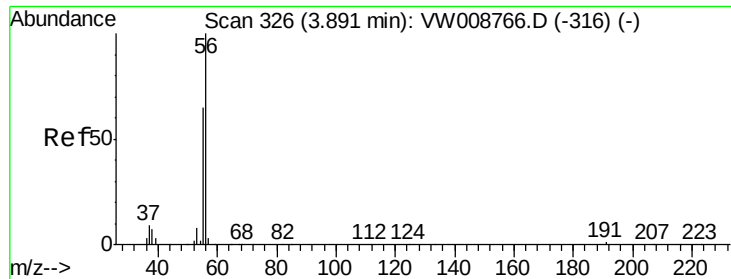


#12

1,1-Dichloroethene
 Concen: 47.822 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion: 96 Resp: 78806
 Ion Ratio Lower Upper
 96 100
 61 165.7 132.5 198.7
 98 62.4 48.2 72.4





#13

Acrolein

Concen: 139.021 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

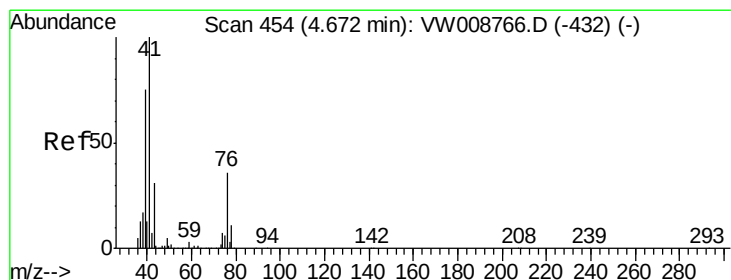
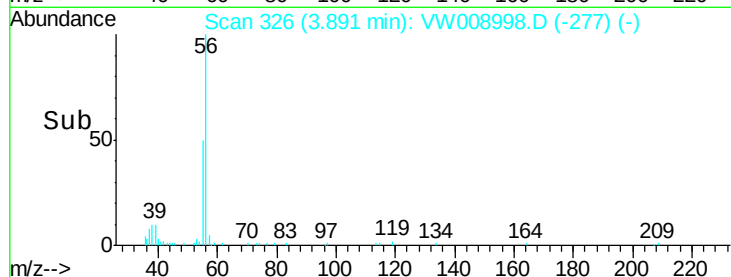
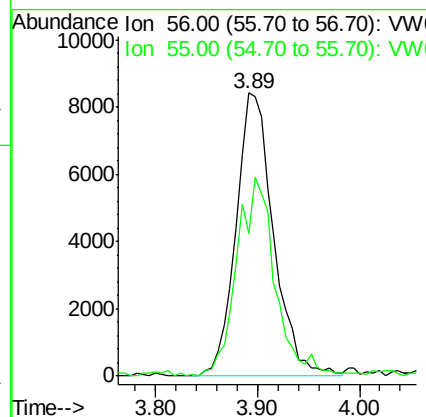
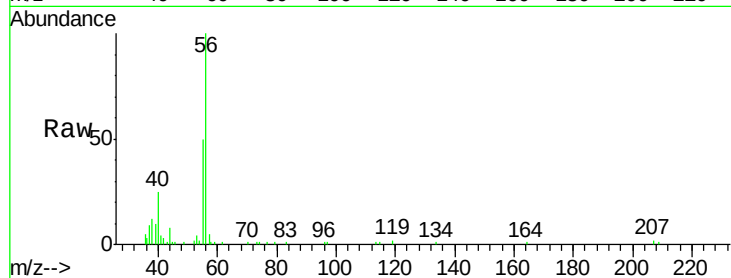
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 21464

Ion Ratio Lower Upper

56 100

55 72.3 56.9 85.3



#14

Allyl chloride

Concen: 48.452 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

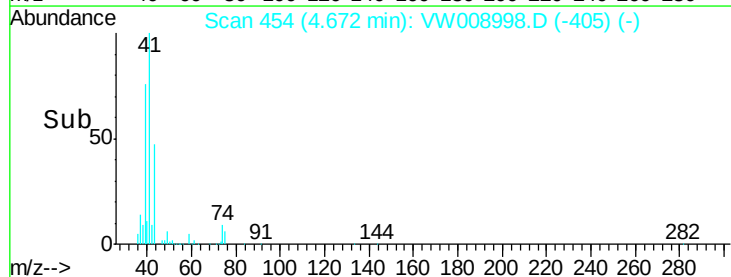
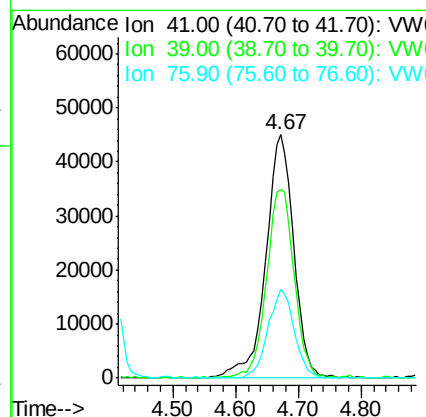
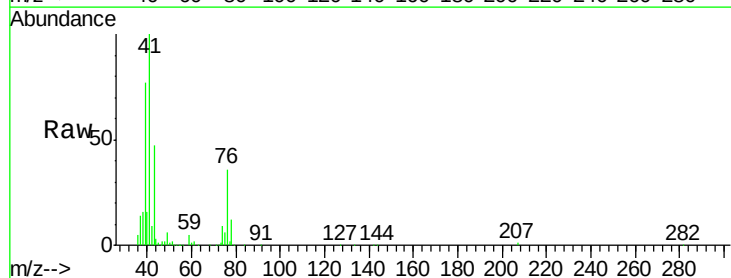
Tgt Ion: 41 Resp: 137803

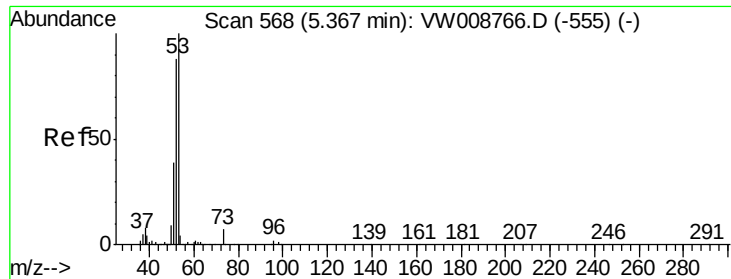
Ion Ratio Lower Upper

41 100

39 77.0 60.6 91.0

76 34.4 28.6 42.8





#15

Acrylonitrile

Concen: 260.231 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

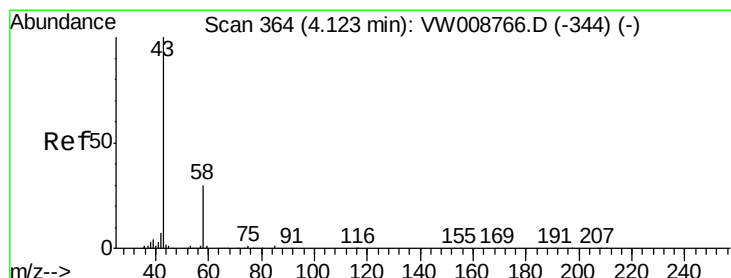
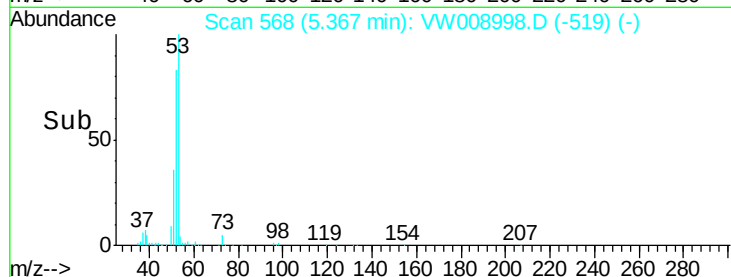
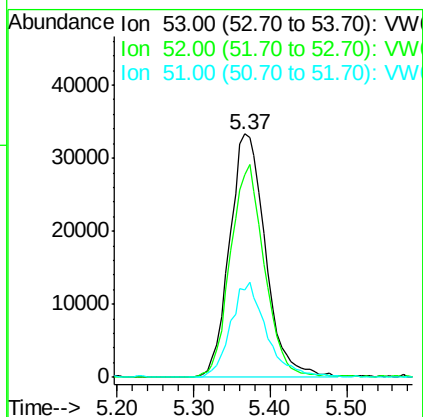
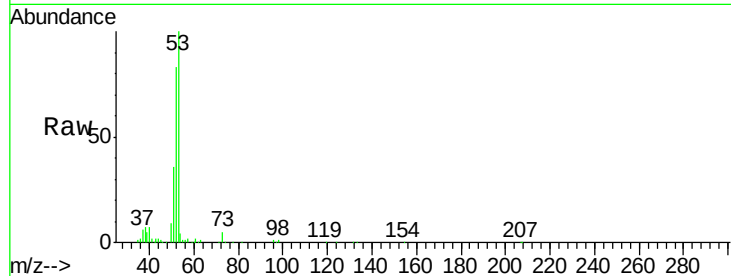
Tot Ion: 53 Resp: 108645

Ion Ratio Lower Upper

53 100

52 82.2 67.2 100.8

51 38.7 31.1 46.7



#16

Acetone

Concen: 284.246 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008998.D

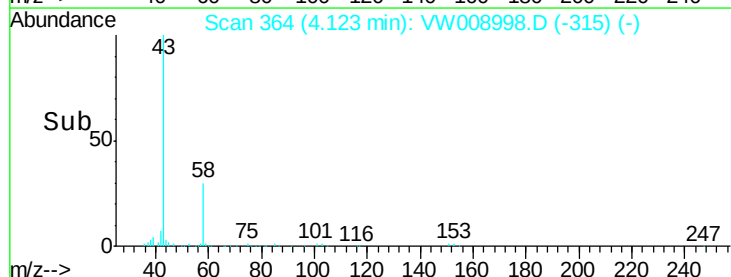
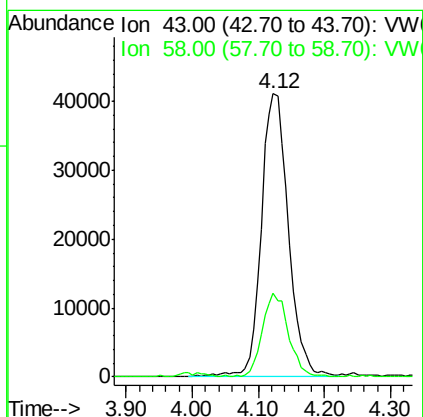
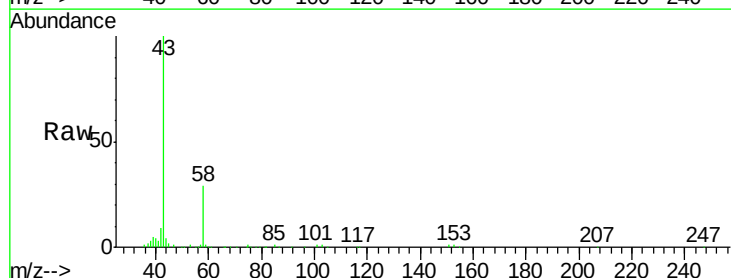
Acq: 05 Mar 2019 15:54

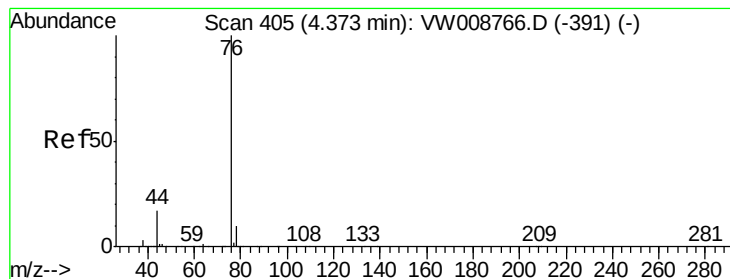
Tgt Ion: 43 Resp: 116305

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.6





#17

Carbon Disulfide

Concen: 43.474 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

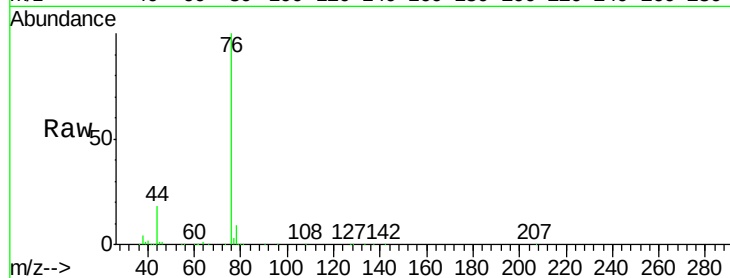
ClientSampleId :

Tot Ion: 76 Resp: 237695

Ion Ratio Lower Upper

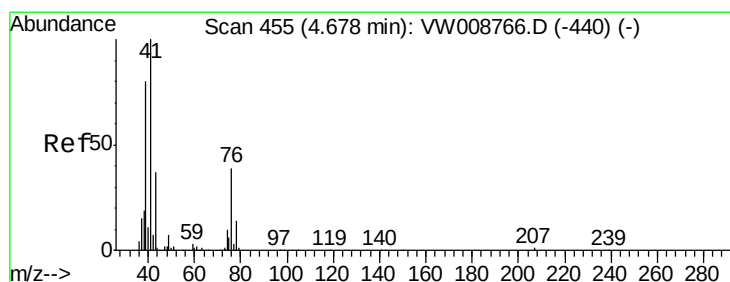
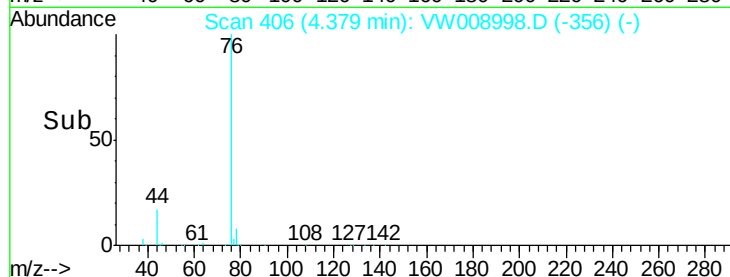
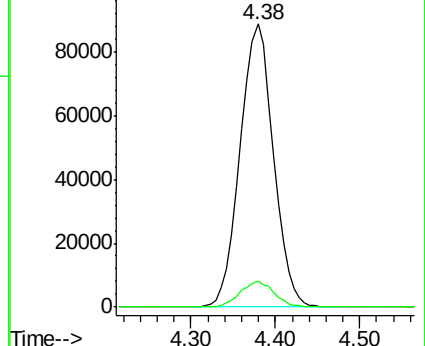
76 100

78 9.1 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 66.796 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW008998.D

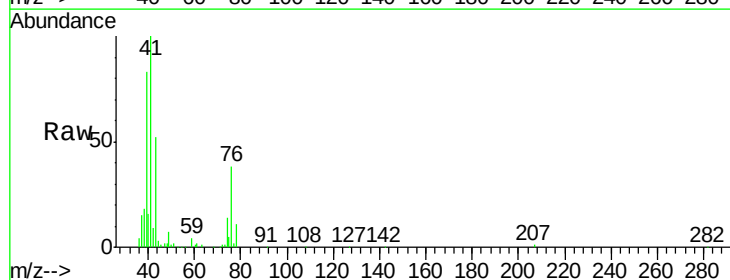
Acq: 05 Mar 2019 15:54

Tgt Ion: 43 Resp: 64826

Ion Ratio Lower Upper

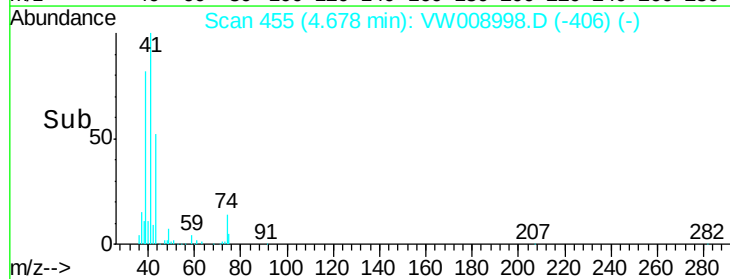
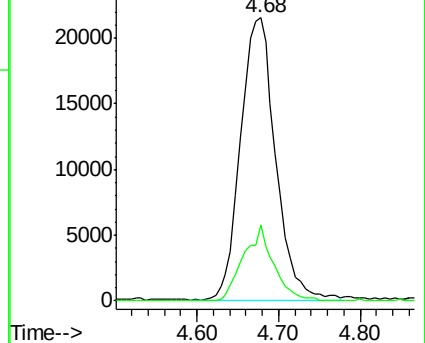
43 100

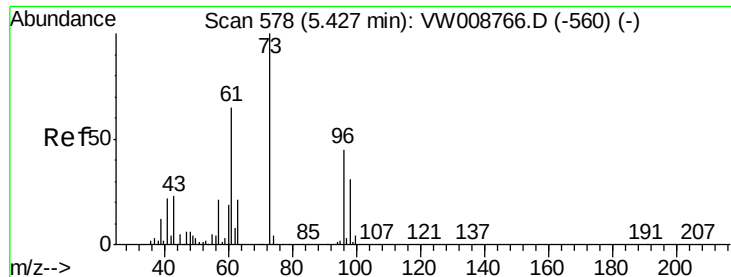
74 22.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

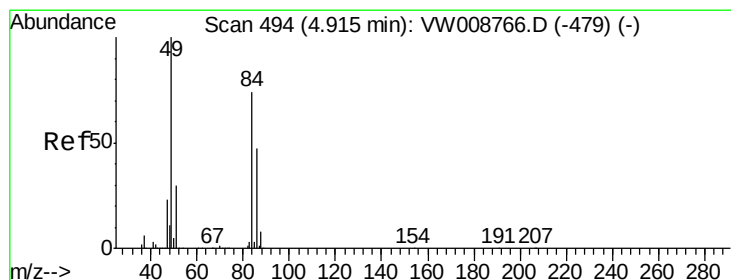
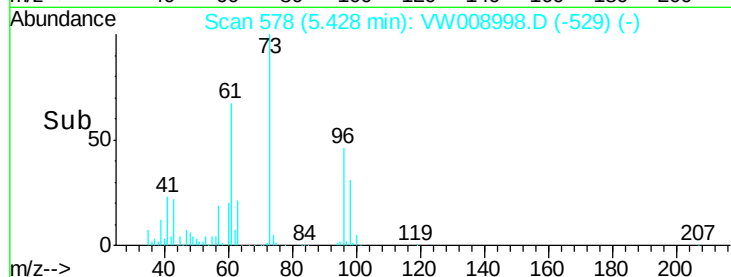
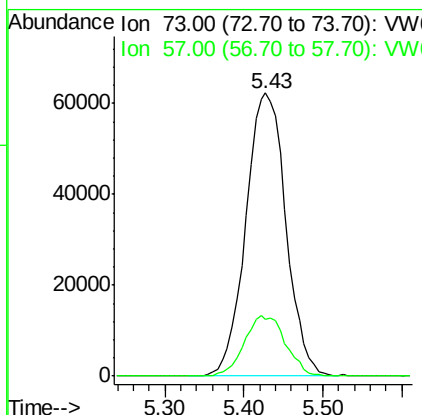
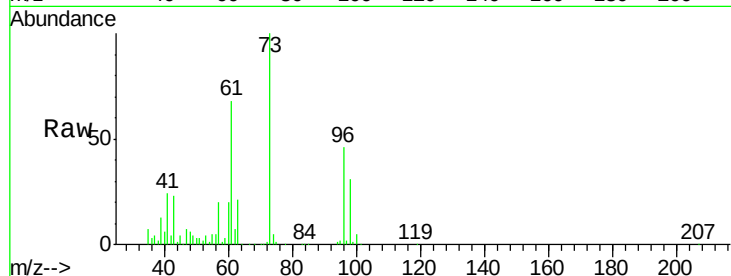




#19
Methyl tert-butyl Ether
Concen: 49.327 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

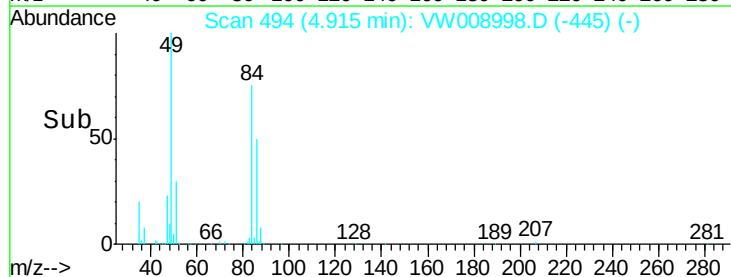
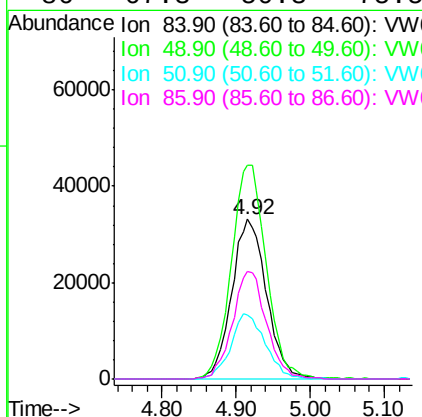
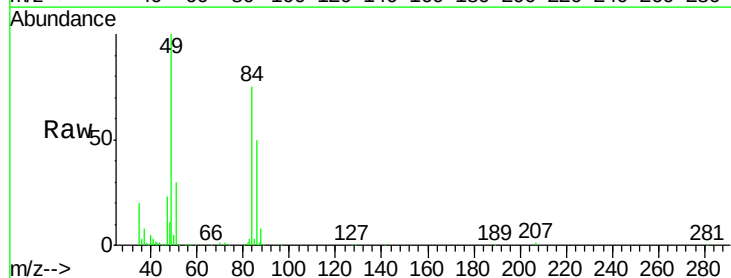
Instrument :
MSVOA_W
ClientSampleId :

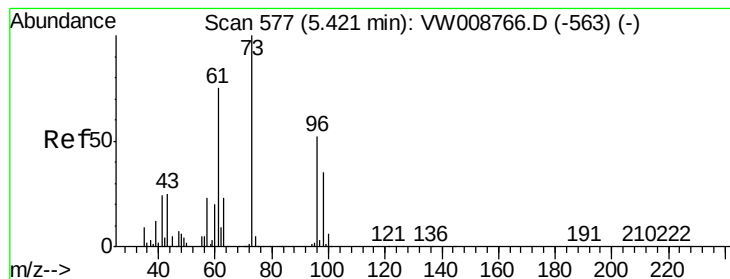
Tot Ion: 73 Resp: 220018
Ion Ratio Lower Upper
73 100
57 20.0 16.8 25.2



#20
Methylene Chloride
Concen: 54.264 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion: 84 Resp: 108497
Ion Ratio Lower Upper
84 100
49 133.8 108.2 162.2
51 40.3 32.7 49.1
86 67.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 47.339 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampled :

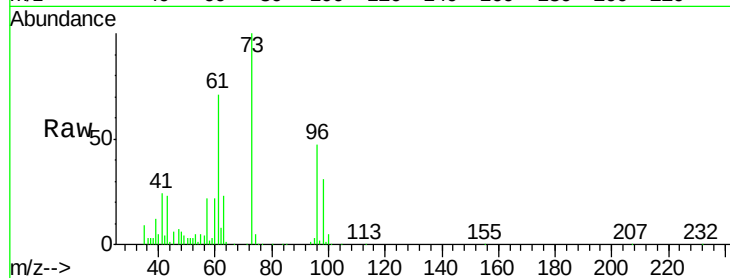
Tot Ion: 96 Resp: 90238

Ion Ratio Lower Upper

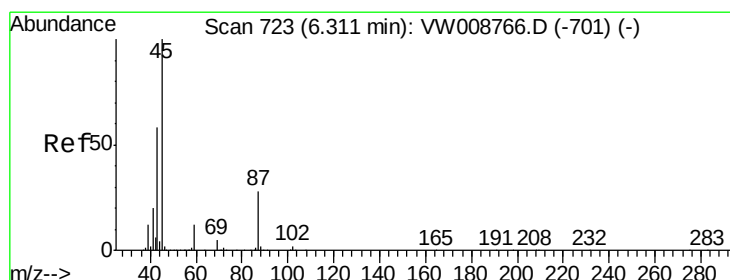
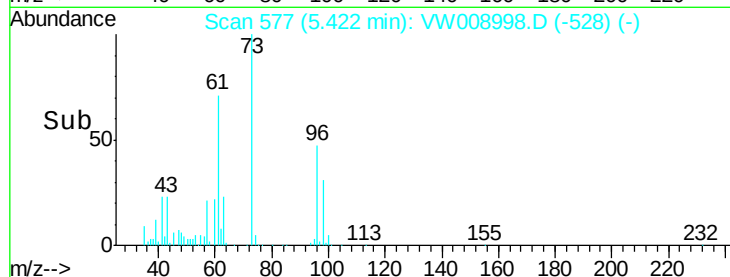
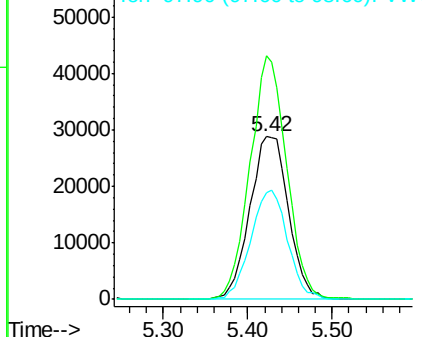
96 100

61 149.8 114.6 171.8

98 65.5 54.0 81.0



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: 50.884 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Tgt Ion: 45 Resp: 288696

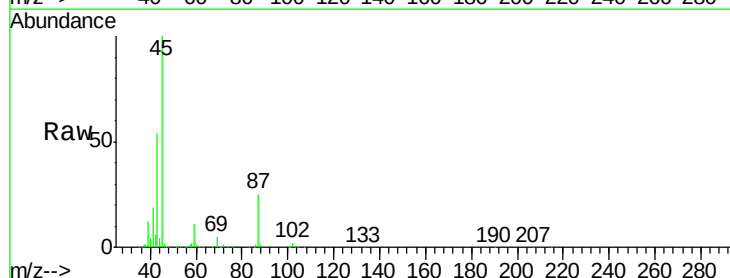
Ion Ratio Lower Upper

45 100

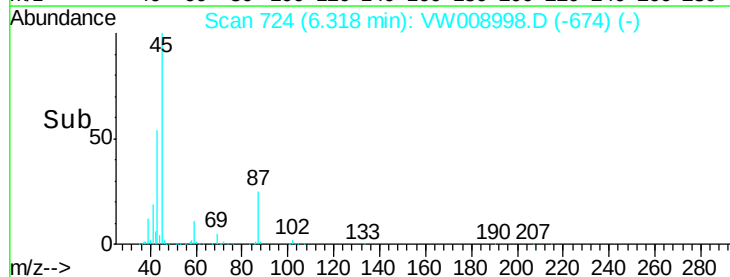
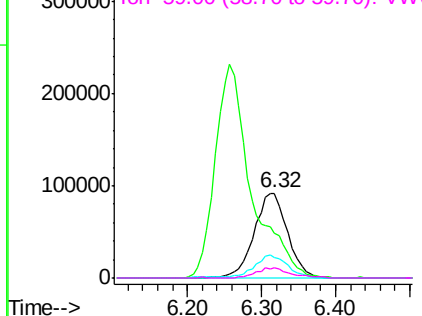
43 53.0 46.1 69.1

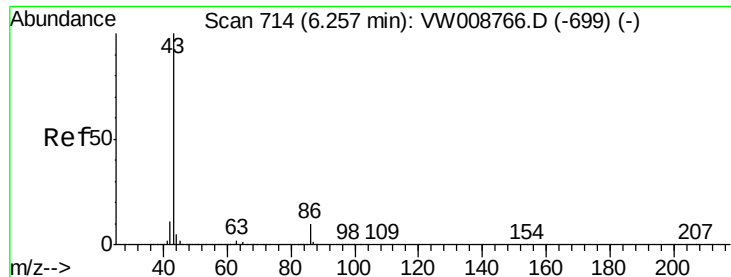
87 24.6 22.2 33.4

59 11.2 10.0 15.0



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: 223.204 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

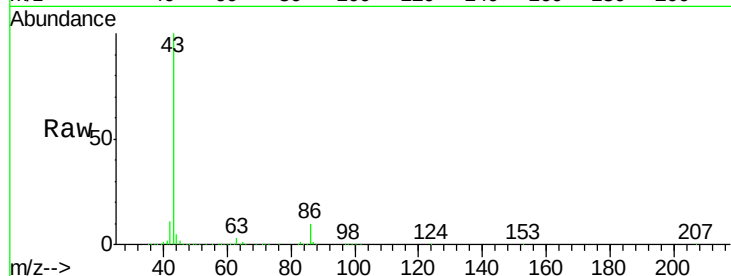
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 782431

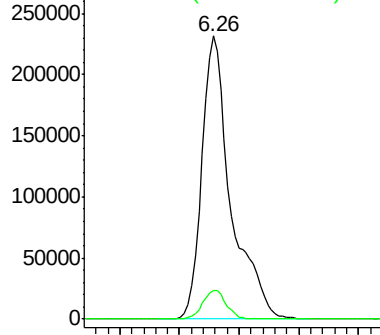
Ion Ratio Lower Upper

43 100

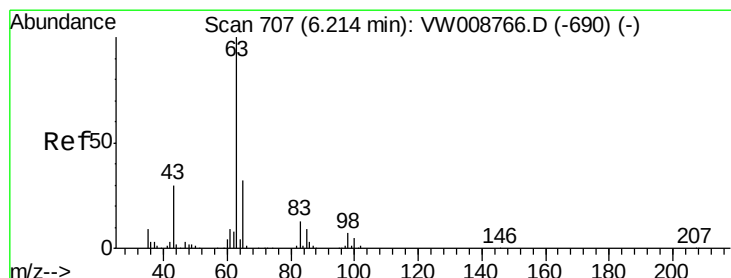
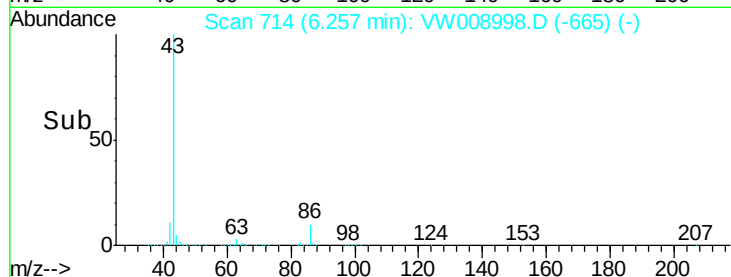
86 10.3 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 49.231 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

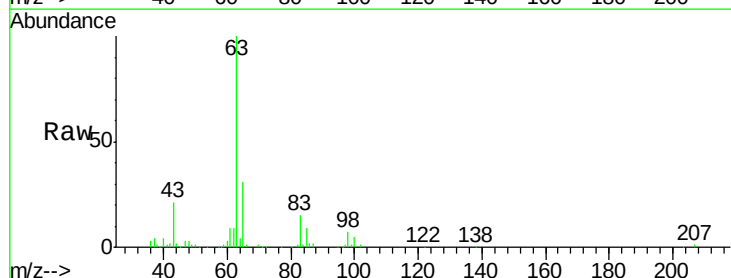
Tgt Ion: 63 Resp: 161858

Ion Ratio Lower Upper

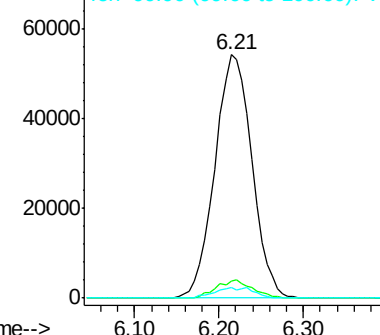
63 100

98 6.9 3.5 10.6

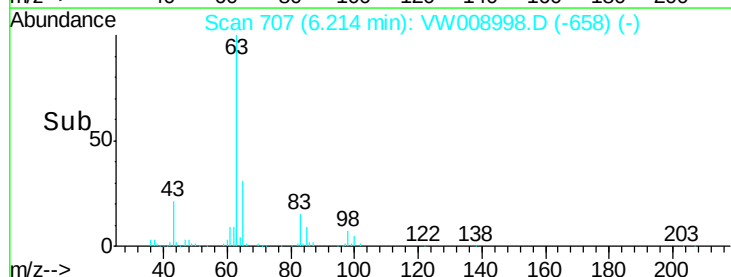
100 4.6 2.4 7.2

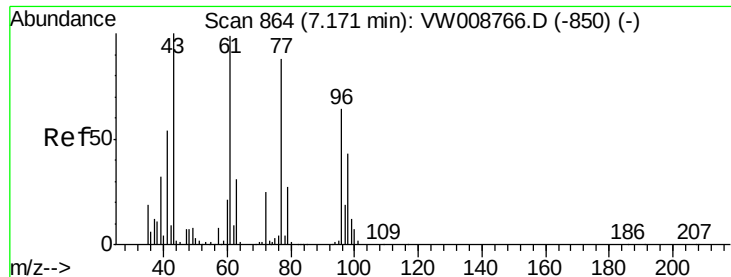


Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 263.576 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

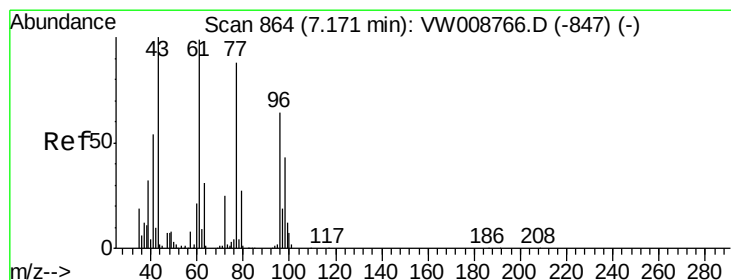
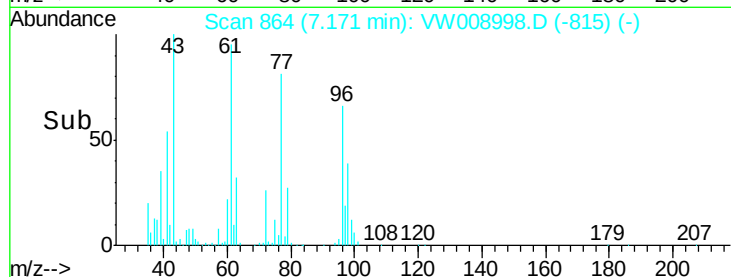
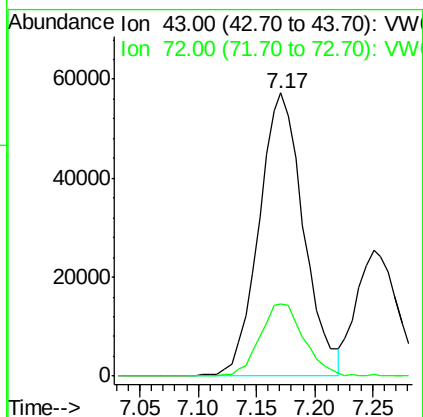
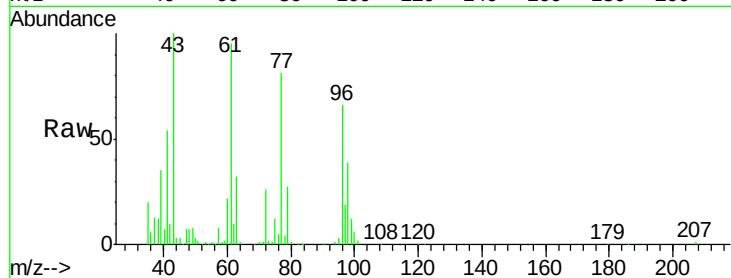
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 150778

Ion Ratio Lower Upper

43 100

72 25.6 19.7 29.5



#26

2,2-Dichloropropane

Concen: 47.776 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008998.D

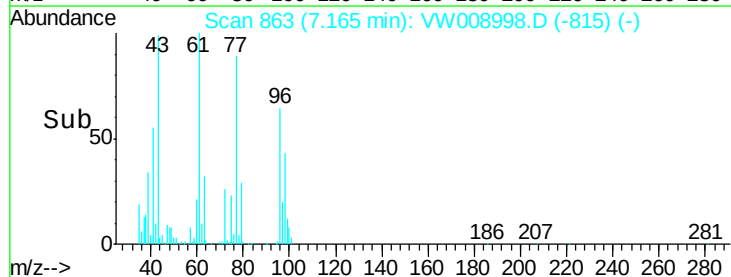
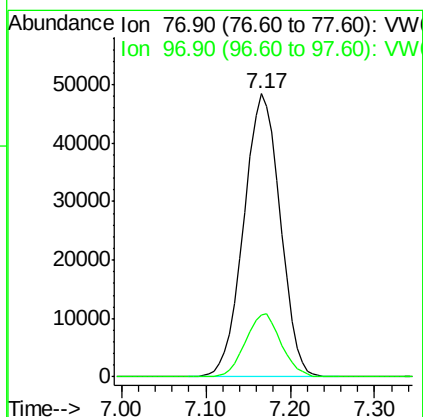
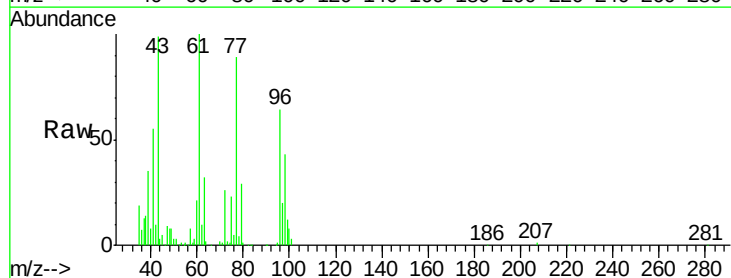
Acq: 05 Mar 2019 15:54

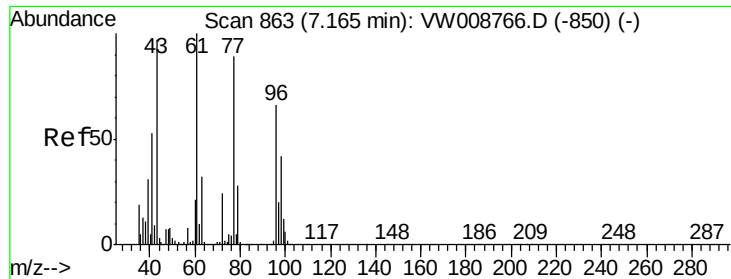
Tgt Ion: 77 Resp: 142602

Ion Ratio Lower Upper

77 100

97 21.8 11.0 33.0



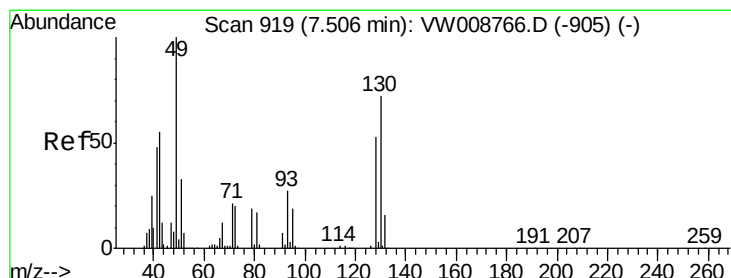
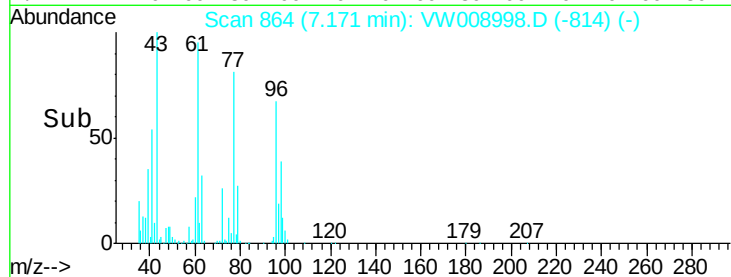
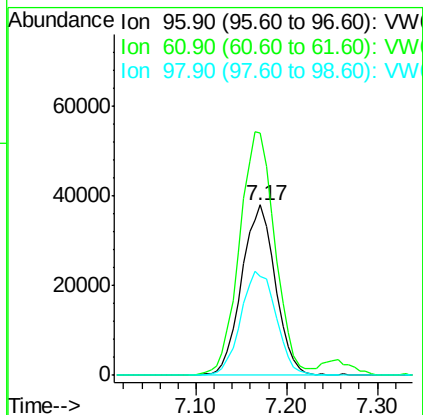
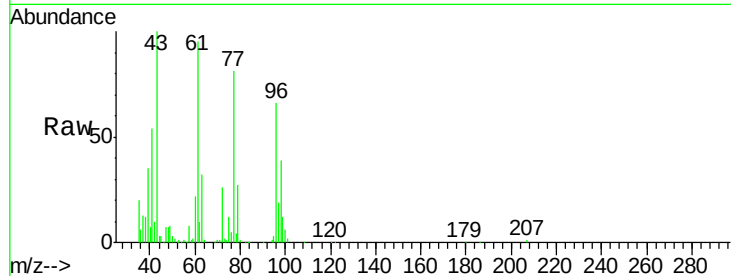


#27

cis-1,2-Dichloroethene
Concen: 48.167 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Instrument :
MSVOA_W
ClientSampleId :

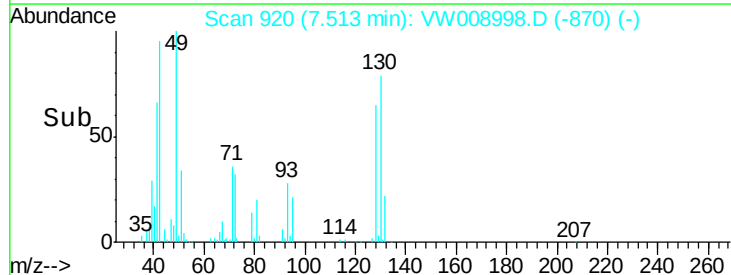
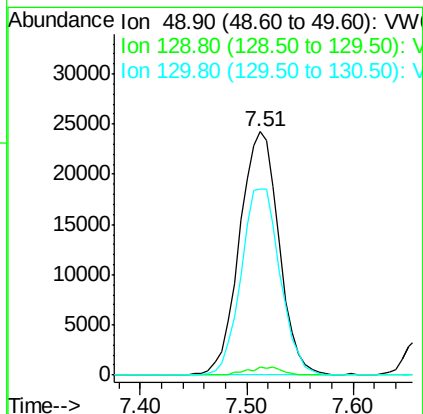
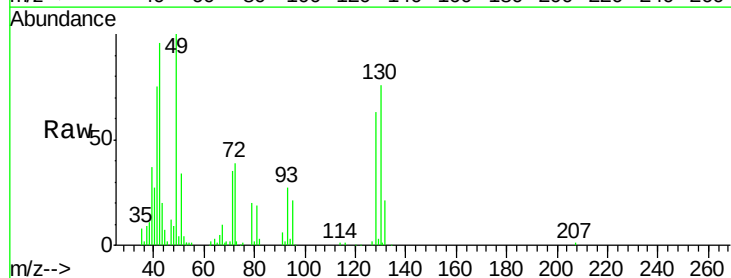
Tot Ion	96	Resp	98216
Ion Ratio	Lower	Upper	
96	100		
61	149.5	0.0	302.6
98	63.7	0.0	130.0

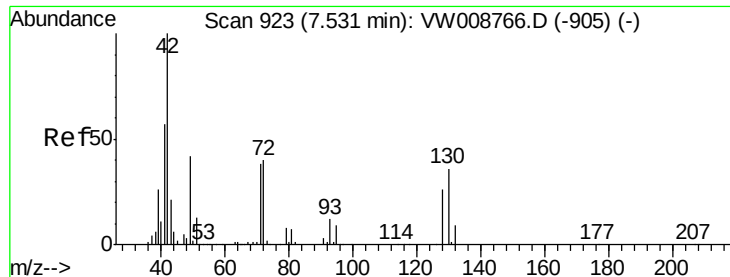


#28

Bromochloromethane
Concen: 45.731 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion	49	Resp	62916
Ion Ratio	Lower	Upper	
49	100		
129	2.9	0.0	2.6#
130	75.8	61.3	91.9





#29

Tetrahydrofuran

Concen: 272.046 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampled :

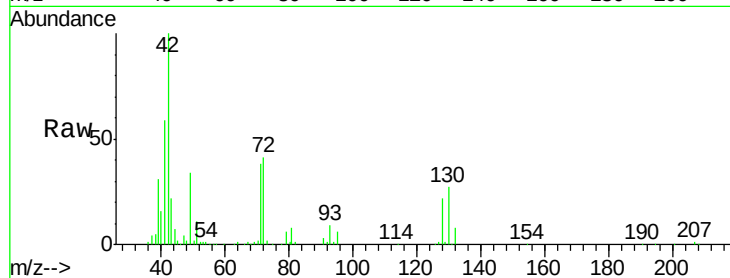
Tot Ion: 42 Resp: 99174

Ion Ratio Lower Upper

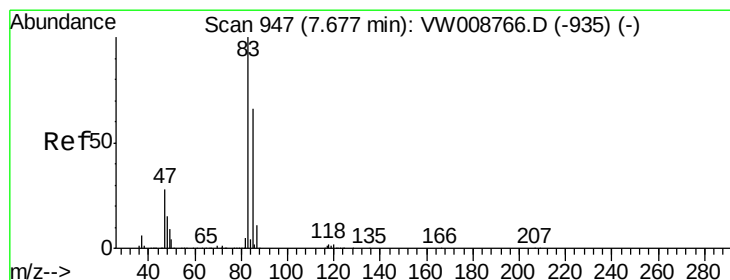
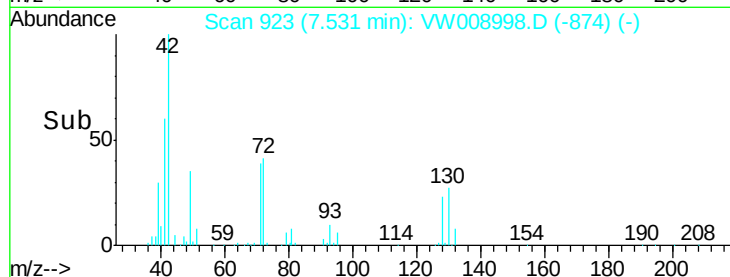
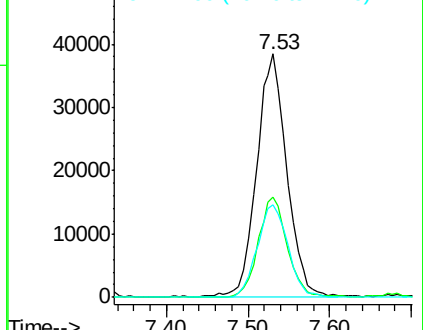
42 100

72 39.7 32.7 49.1

71 38.6 31.3 46.9



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: 48.106 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008998.D

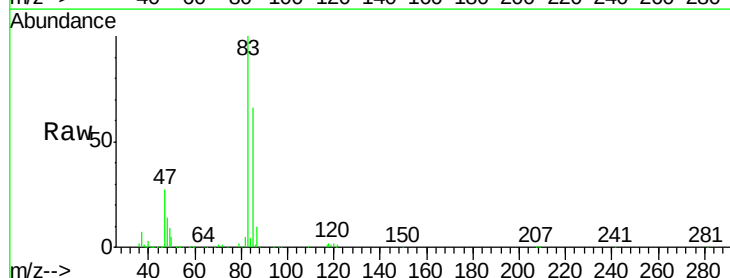
Acq: 05 Mar 2019 15:54

Tgt Ion: 83 Resp: 162251

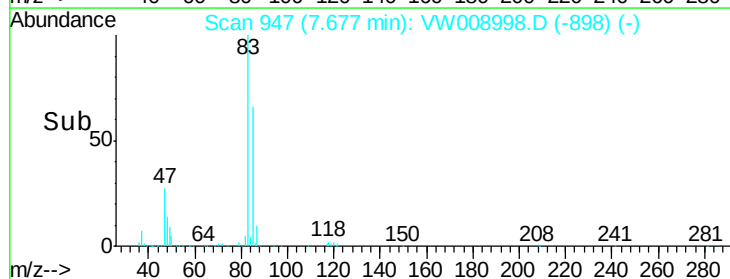
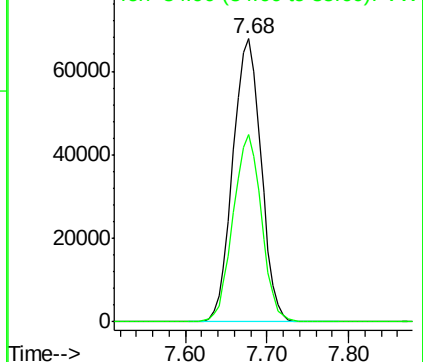
Ion Ratio Lower Upper

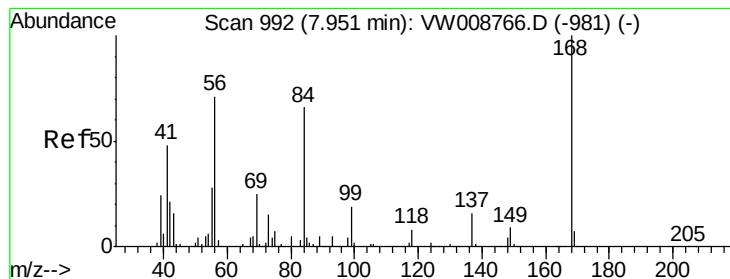
83 100

85 66.4 52.6 79.0



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





#31

Cyclohexane

Concen: 47.705 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

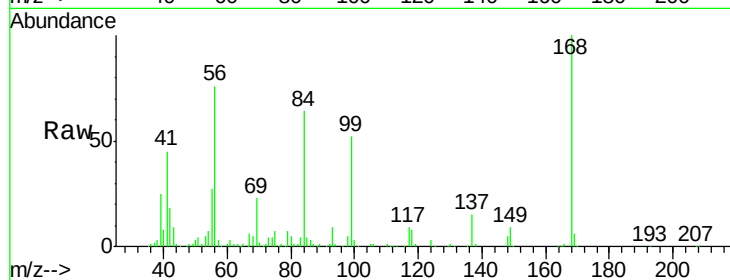
Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 158759

Ion	Ratio	Lower	Upper
56	100		
69	30.8	28.2	42.4
84	83.2	74.1	111.1

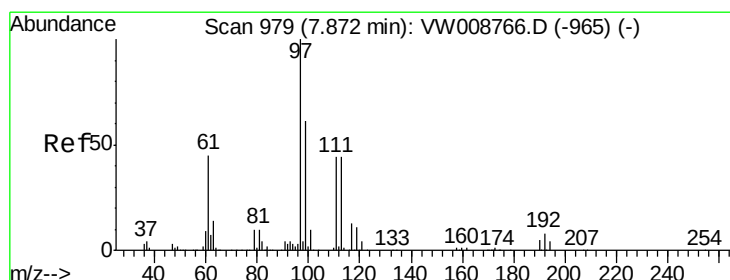
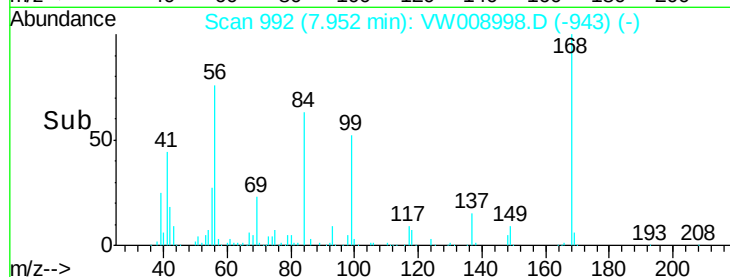
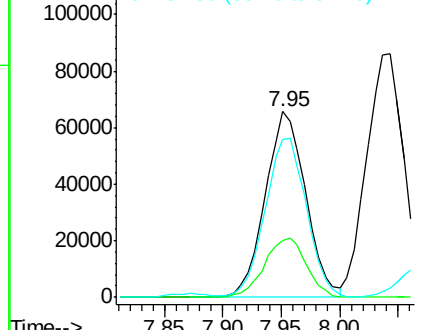


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 50.782 ug/l

RT: 7.87 min Scan# 979

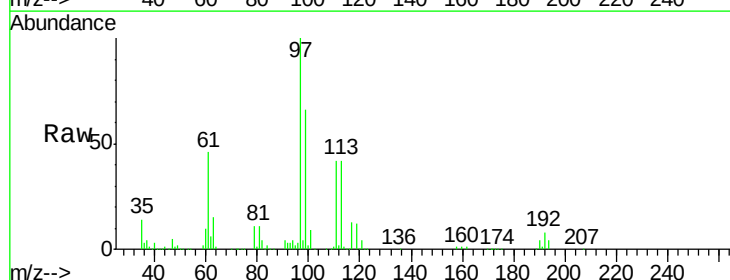
Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Tgt Ion: 97 Resp: 155760

Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.8	76.2
61	46.5	36.0	54.0

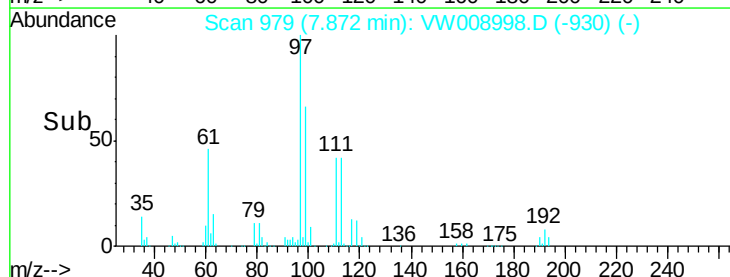
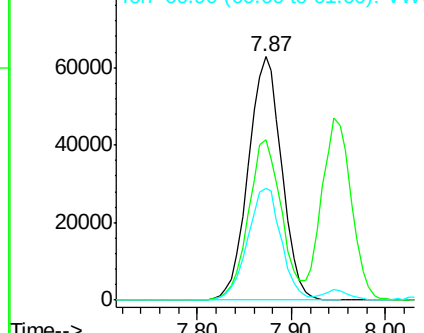


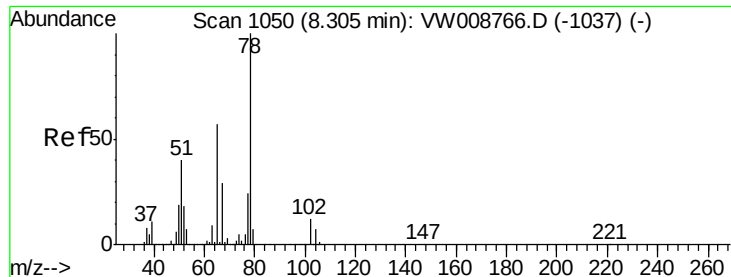
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

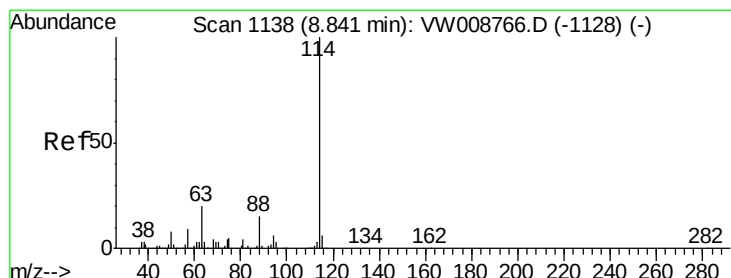
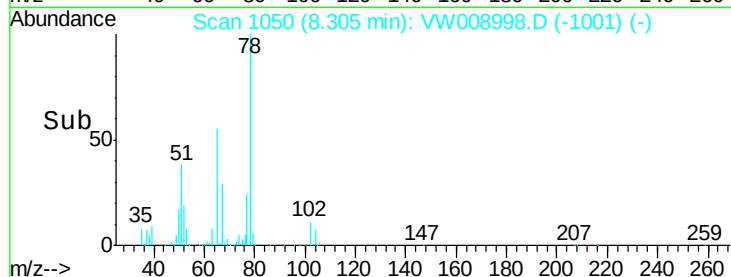
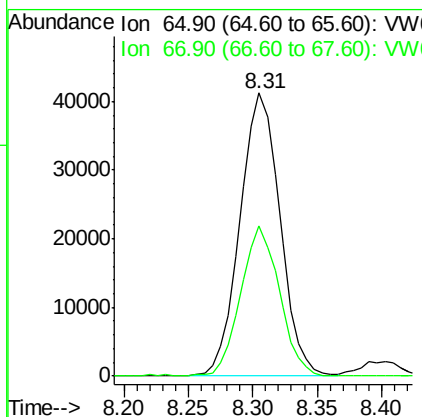
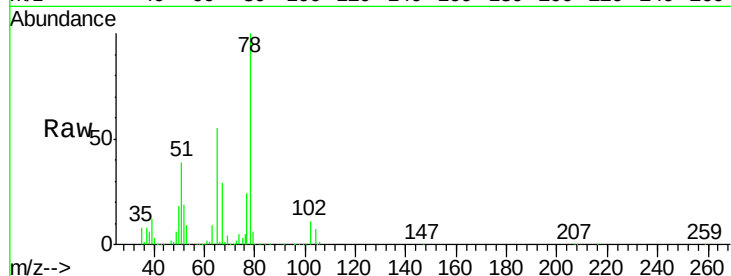




#33
 1,2-Dichloroethane-d4
 Concen: 50.416 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

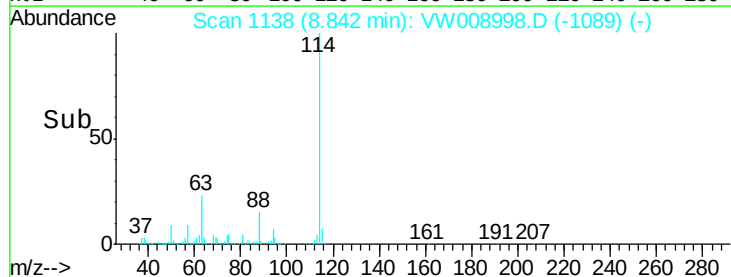
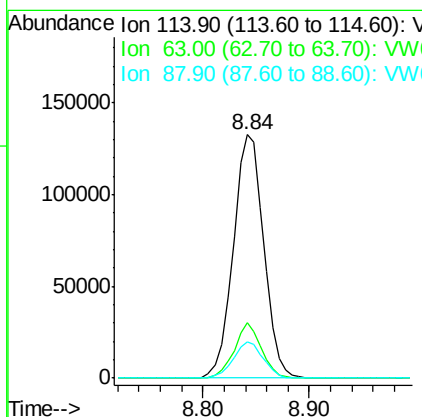
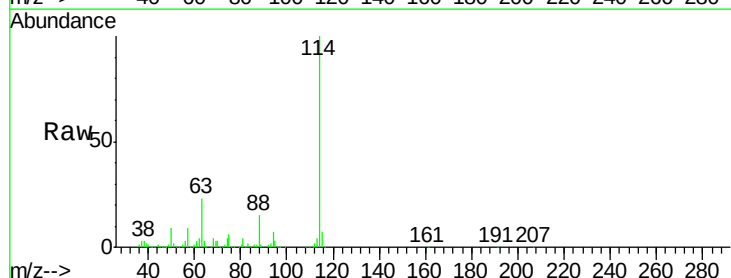
Instrument :
 MSVOA_W
 ClientSampleId :

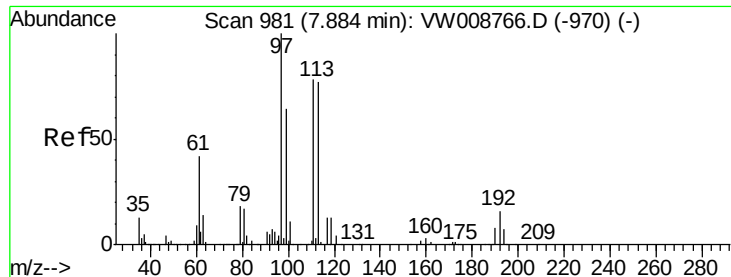
Tot Ion: 65 Resp: 88997
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion: 114 Resp: 264952
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 40.8
 88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.167 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampled :

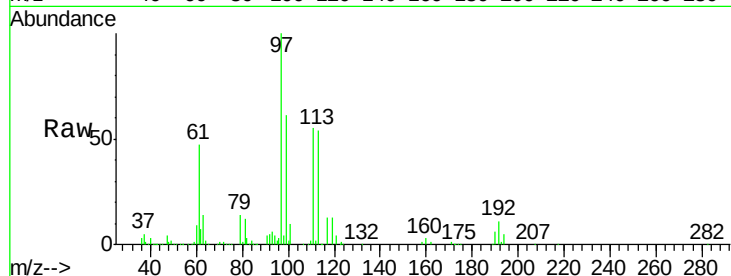
Tot Ion:113 Resp: 79806

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

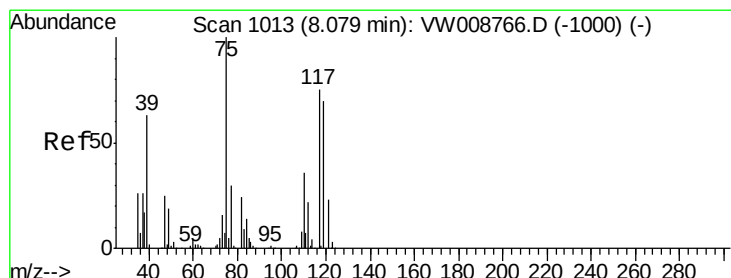
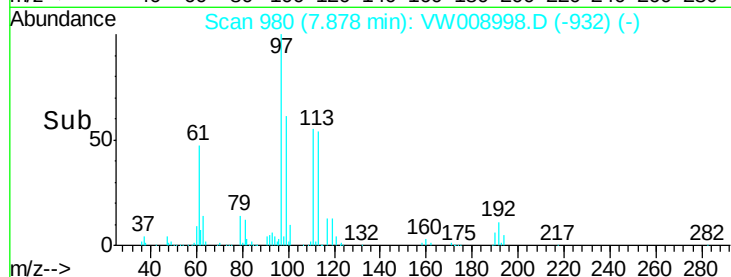
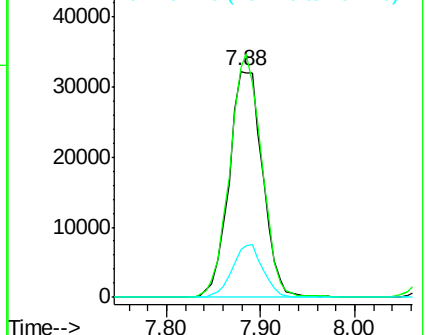
192 21.1 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.745 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

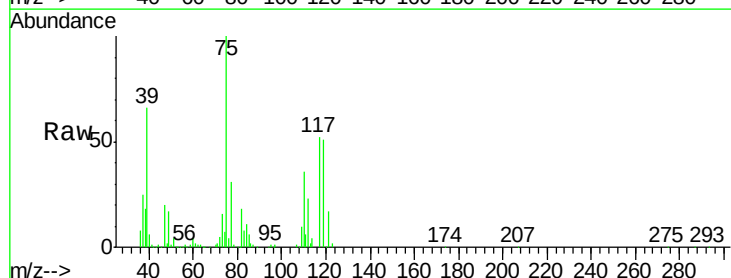
Tgt Ion: 75 Resp: 136036

Ion Ratio Lower Upper

75 100

110 34.4 17.5 52.6

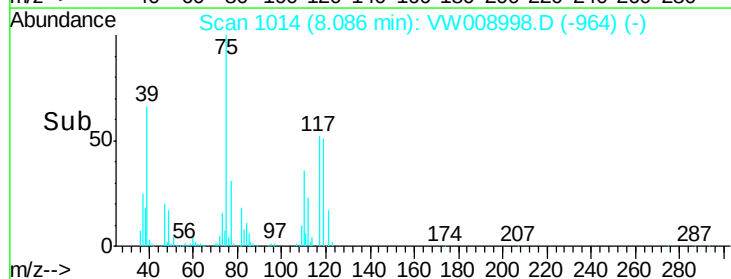
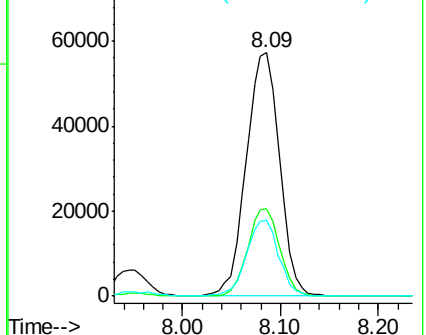
77 30.1 24.5 36.7

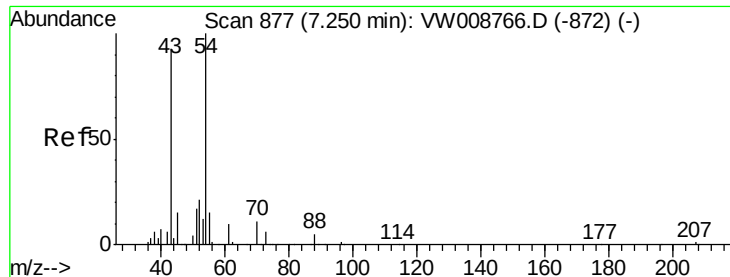


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

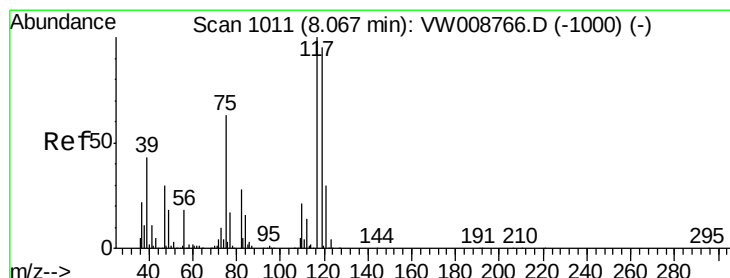
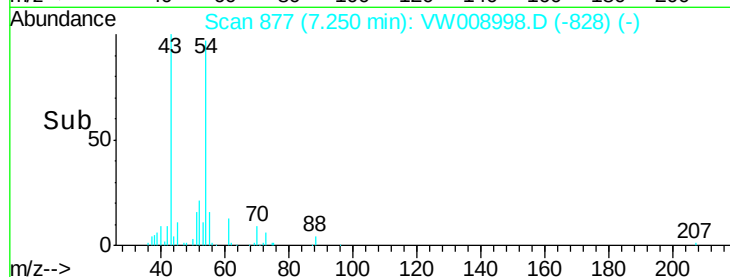
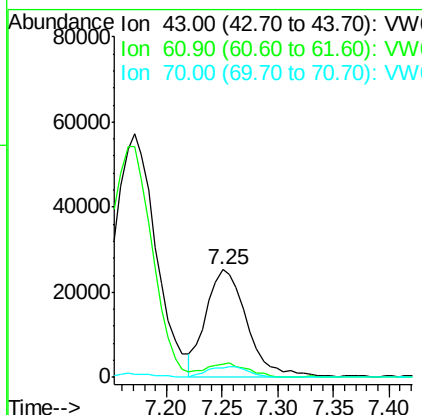
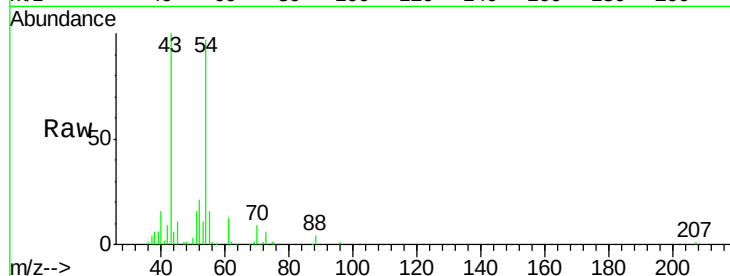




#37
Ethyl Acetate
Concen: 53.102 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

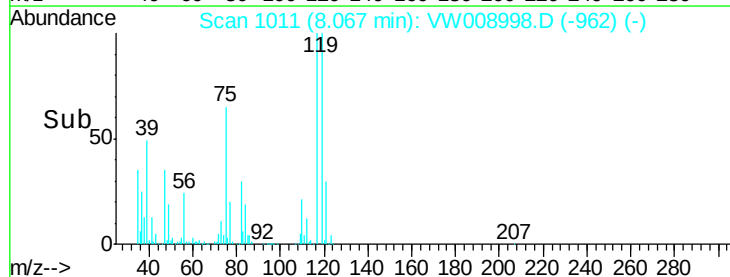
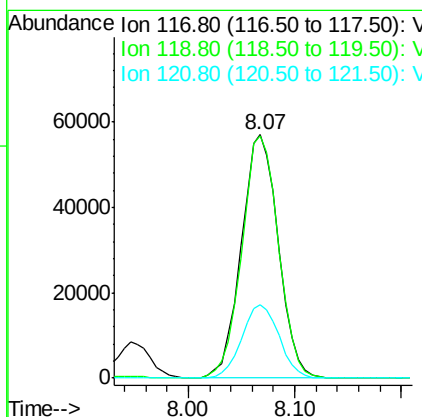
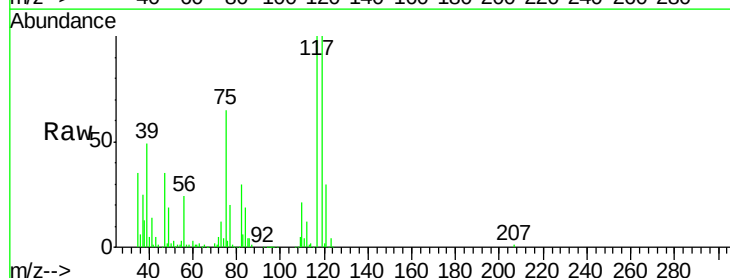
Instrument :
MSVOA_W
ClientSampleId :

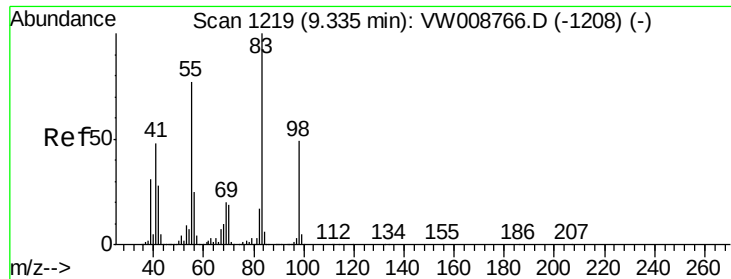
Tot Ion: 43 Resp: 63688
Ion Ratio Lower Upper
43 100
61 12.5 9.8 14.8
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 51.111 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion: 117 Resp: 139020
Ion Ratio Lower Upper
117 100
119 99.6 76.1 114.1
121 29.9 24.0 36.0

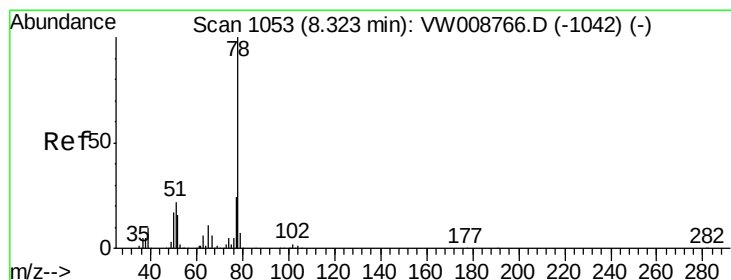
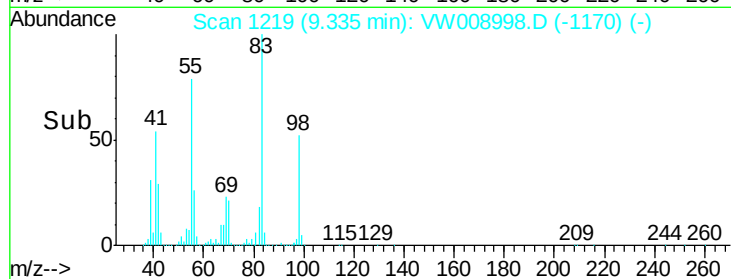
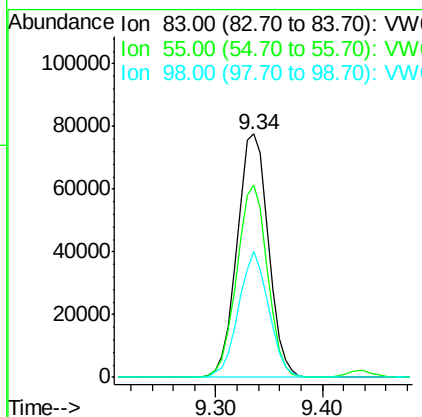
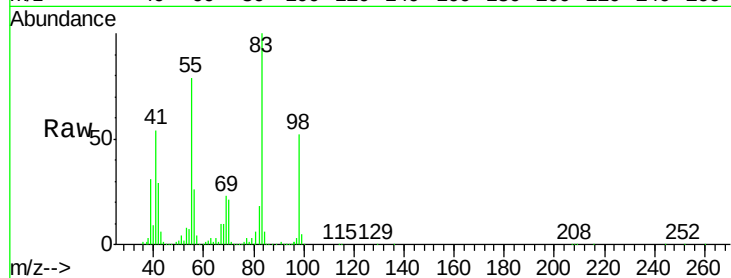




#39
Methylvlcyclohexane
Concen: 50.065 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

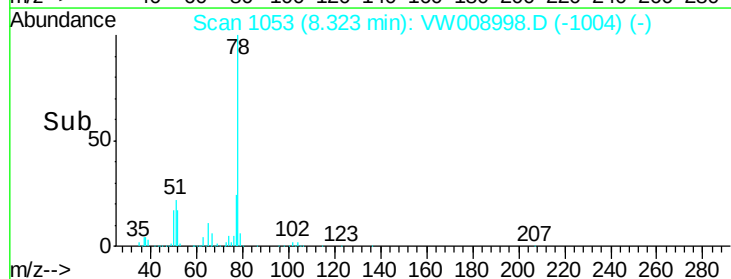
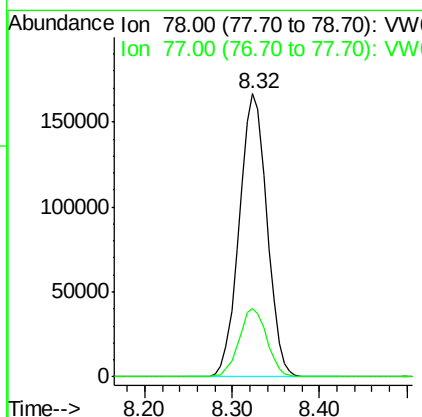
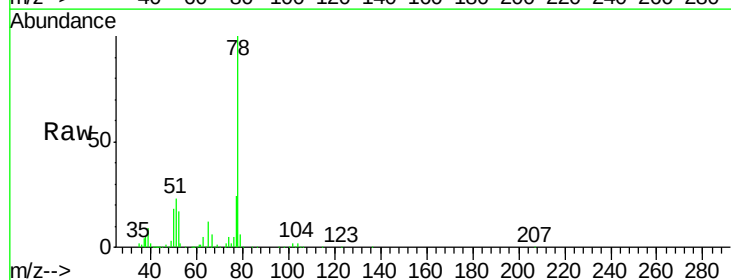
Instrument :
MSVOA_W
ClientSampleId :

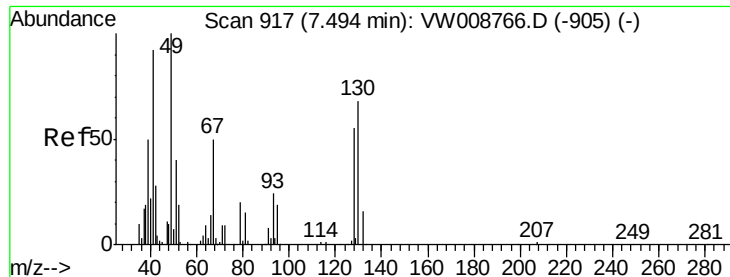
Tot Ion: 83 Resp: 161059
Ion Ratio Lower Upper
83 100
55 78.9 61.2 91.8
98 51.7 39.4 59.2



#40
Benzene
Concen: 52.040 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion: 78 Resp: 366457
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9

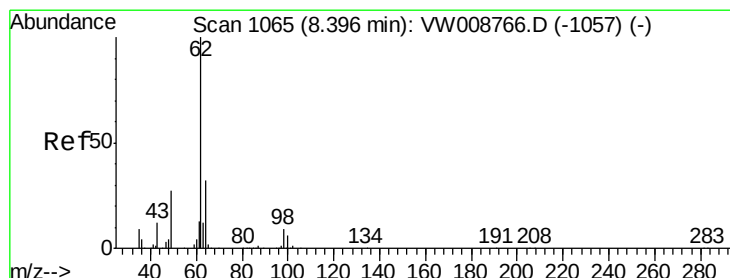
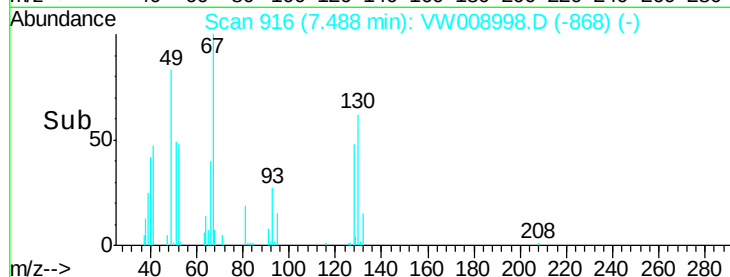
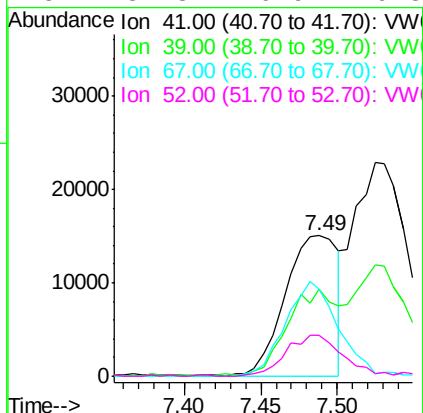
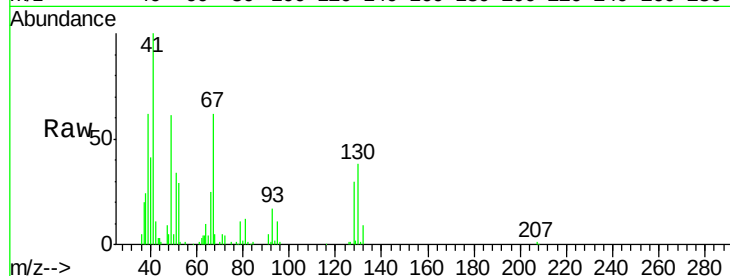




#41
Methacrylonitrile
Concen: 51.287 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

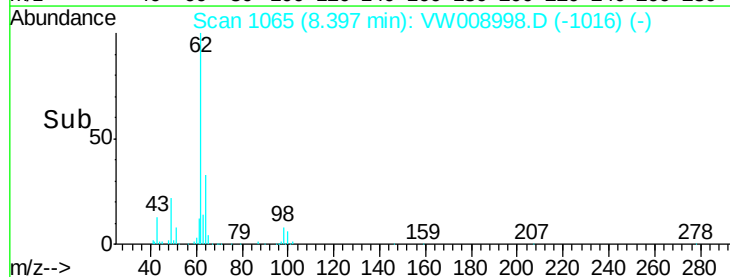
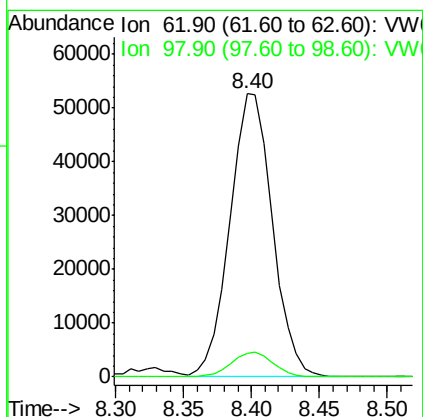
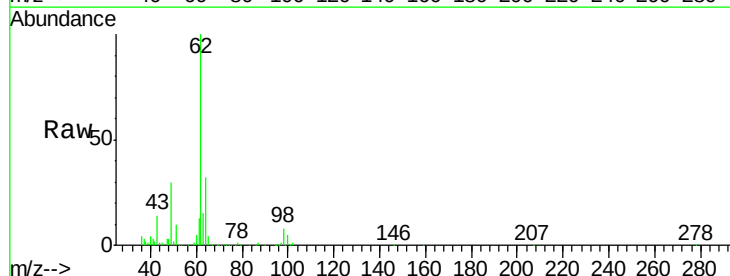
Instrument :
MSVOA_W
ClientSampleId :

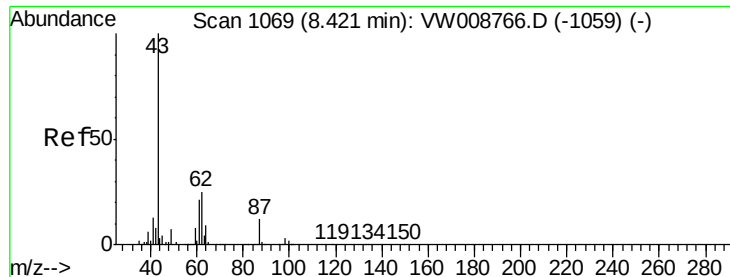
Tot Ion:	41	Resp:	36157
Ion	Ratio	Lower	Upper
41	100		
39	57.1	52.5	78.7
67	67.8	55.0	82.6
52	31.8	26.9	40.3



#42
1,2-Dichloroethane
Concen: 51.297 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion:	62	Resp:	114429
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 53.576 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

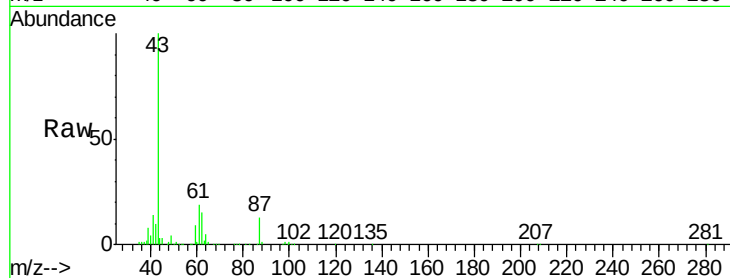
Tot Ion: 43 Resp: 128245

Ion Ratio Lower Upper

43 100

61 26.8 23.2 34.8

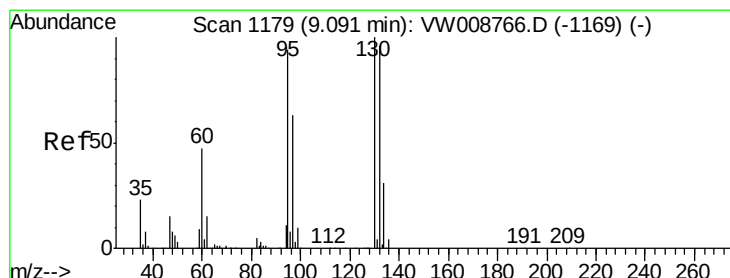
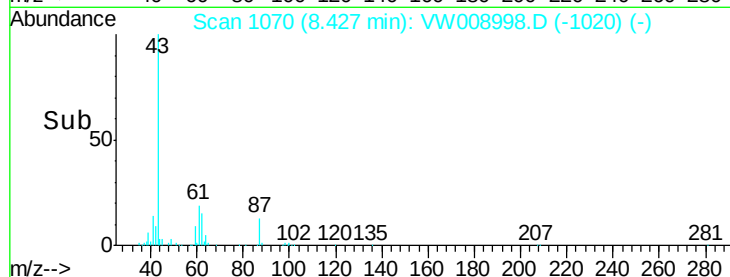
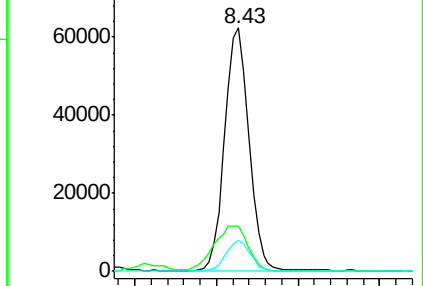
87 12.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.800 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008998.D

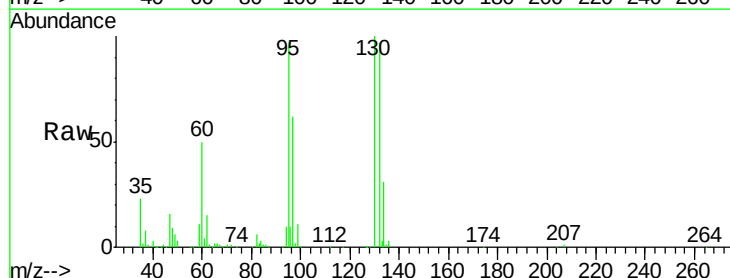
Acq: 05 Mar 2019 15:54

Tgt Ion:130 Resp: 100775

Ion Ratio Lower Upper

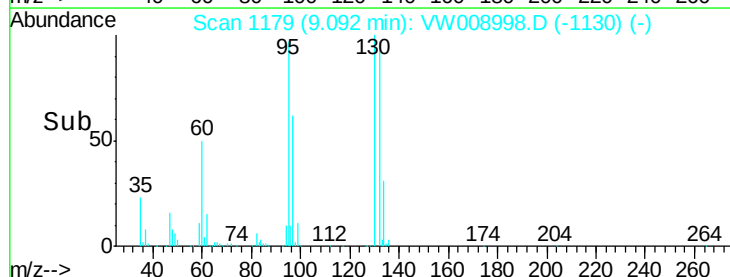
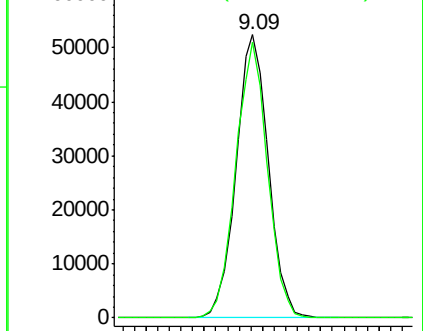
130 100

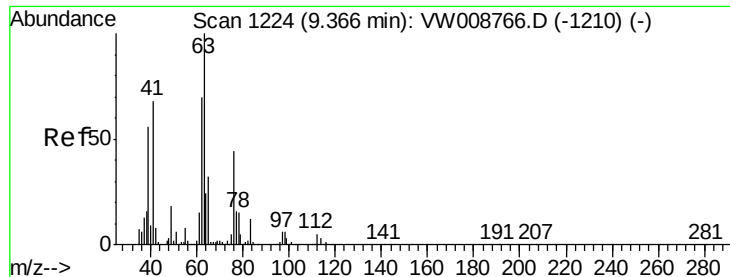
95 97.4 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 51.474 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

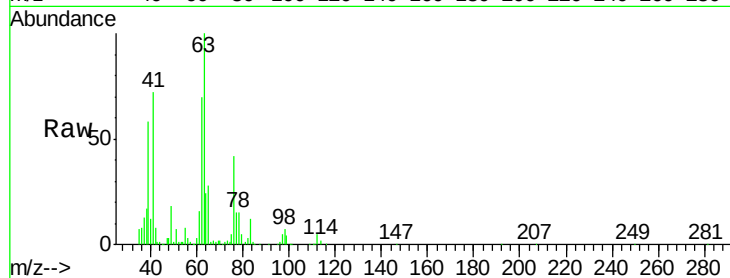
ClientSampled :

Tot Ion: 63 Resp: 89573

Ion Ratio Lower Upper

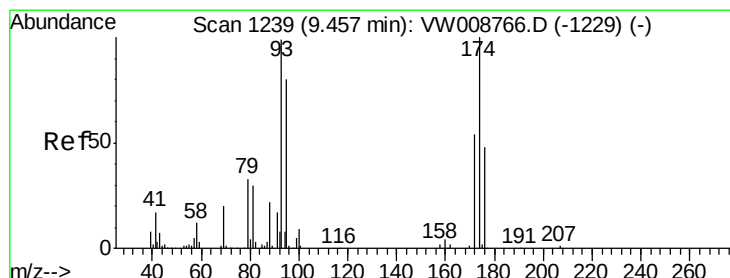
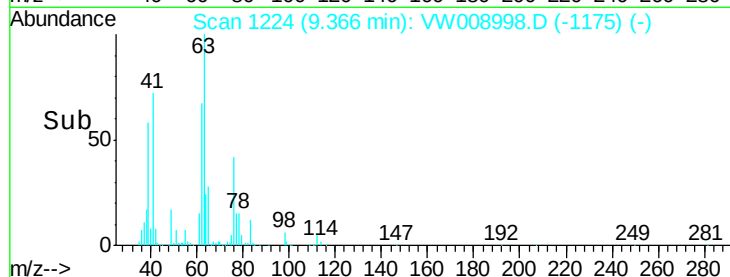
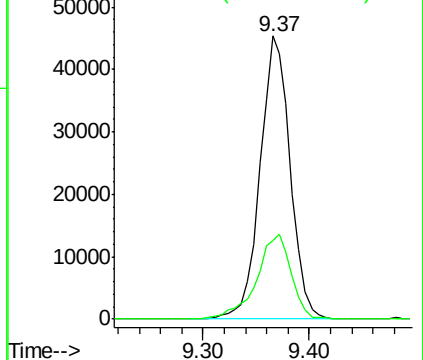
63 100

65 27.8 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 50.616 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

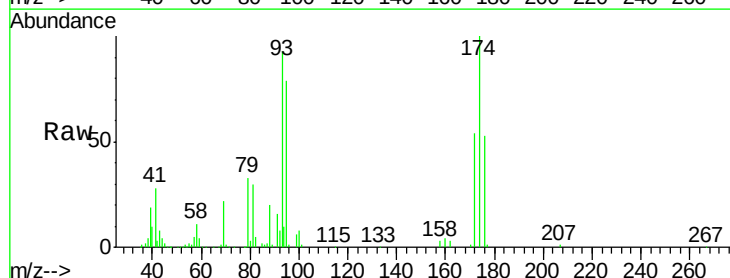
Tgt Ion: 93 Resp: 48993

Ion Ratio Lower Upper

93 100

95 82.5 67.7 101.5

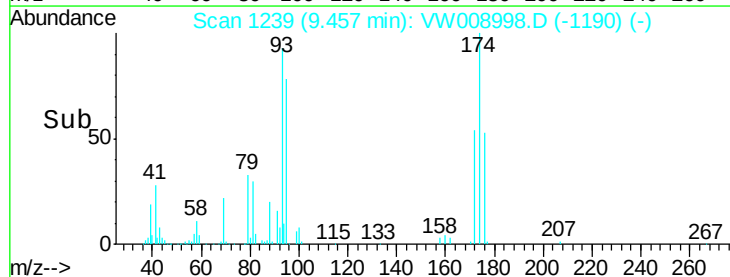
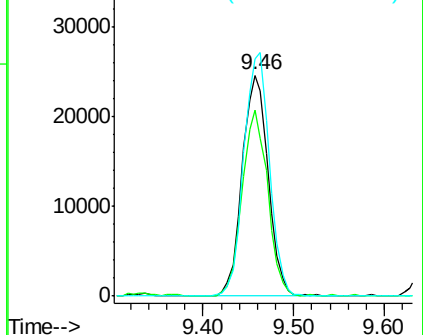
174 108.1 86.7 130.1

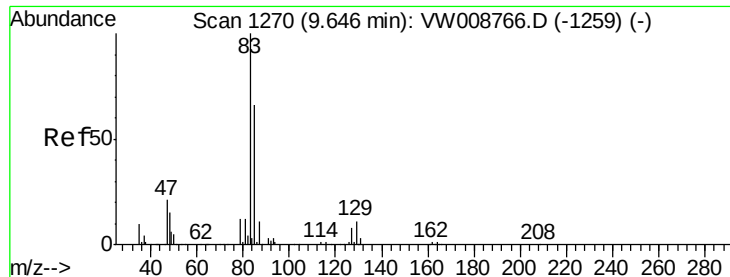


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

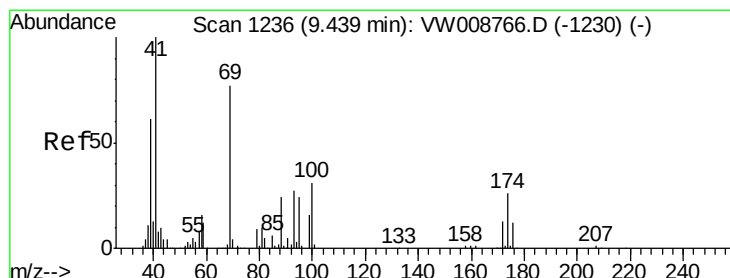
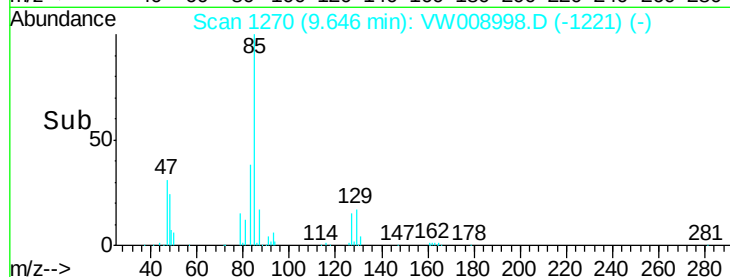
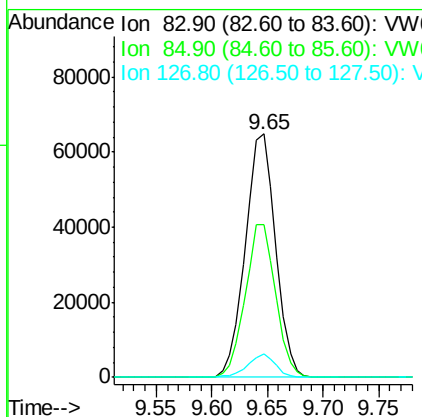
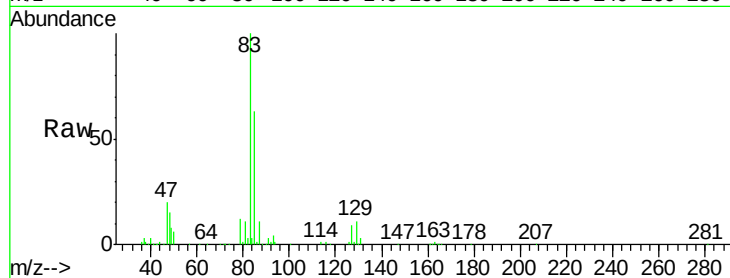




#47
 Bromodichloromethane
 Concen: 52.221 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

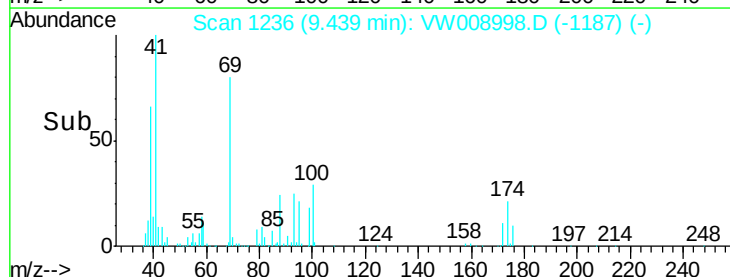
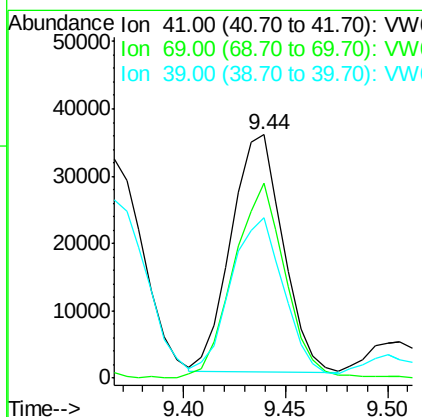
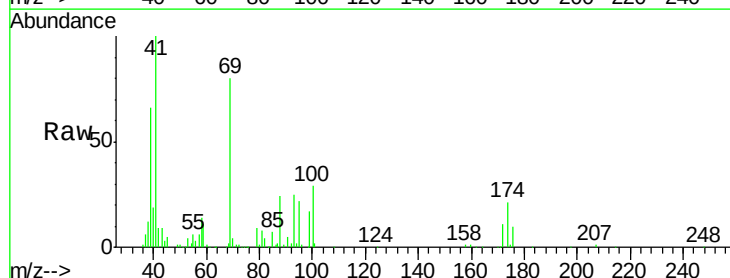
Instrument :
 MSVOA_W
 ClientSampled :

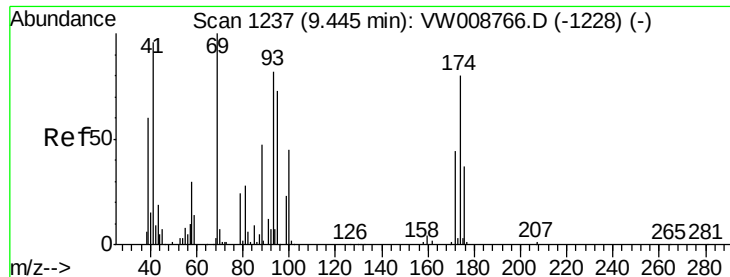
Tot Ion: 83 Resp: 122980
 Ion Ratio Lower Upper
 83 100
 85 62.5 52.5 78.7
 127 9.4 6.7 10.1



#48
 Methyl methacrylate
 Concen: 54.255 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion: 41 Resp: 62200
 Ion Ratio Lower Upper
 41 100
 69 81.3 63.6 95.4
 39 66.2 52.1 78.1

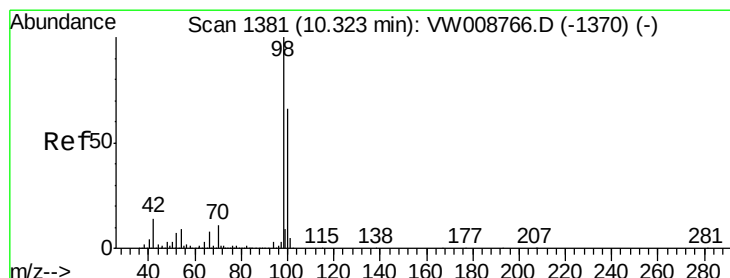
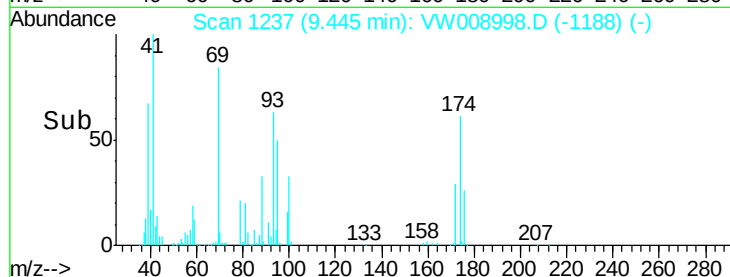
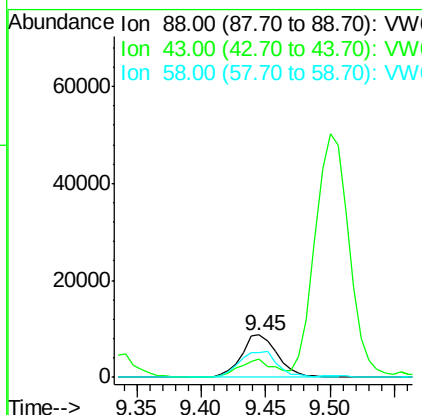
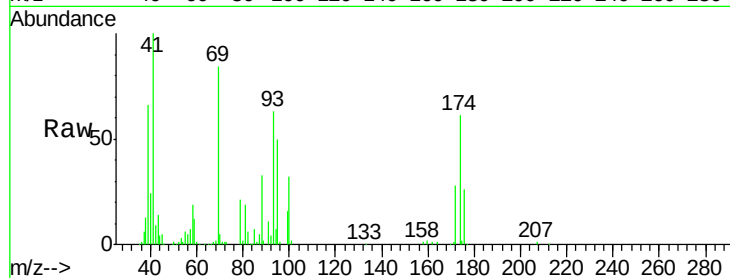




#49
1,4-Dioxane
Concen: 1100.734 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

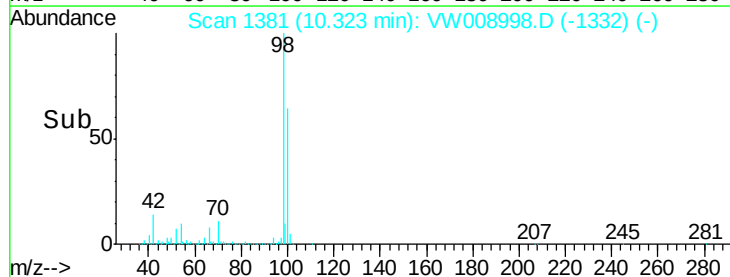
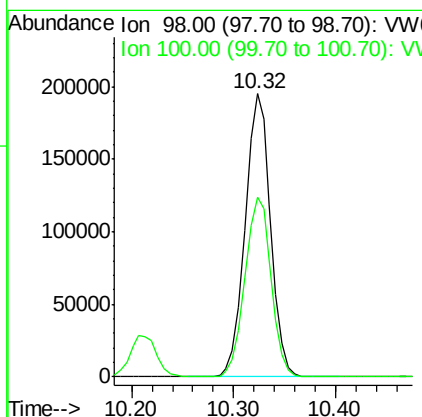
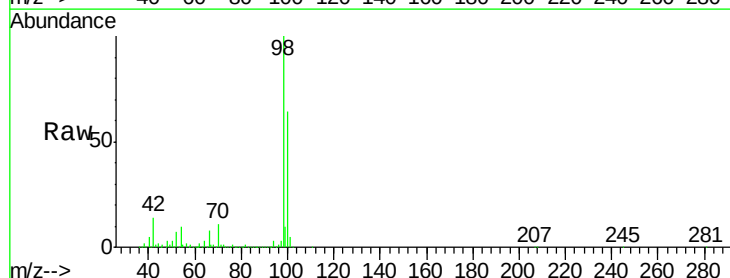
Instrument :
MSVOA_W
ClientSampled :

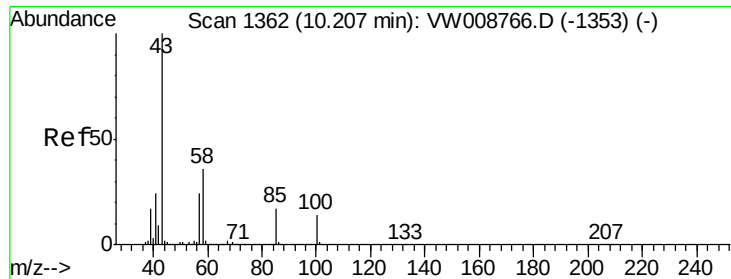
Tot Ion: 88 Resp: 17062
Ion Ratio Lower Upper
88 100
43 37.6 29.0 43.4
58 63.9 52.0 78.0



#50
Toluene-d8
Concen: 54.884 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion: 98 Resp: 337042
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

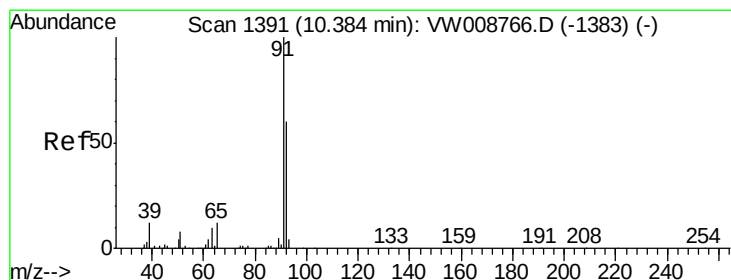
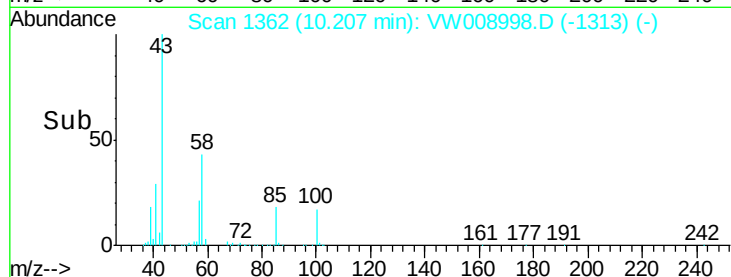
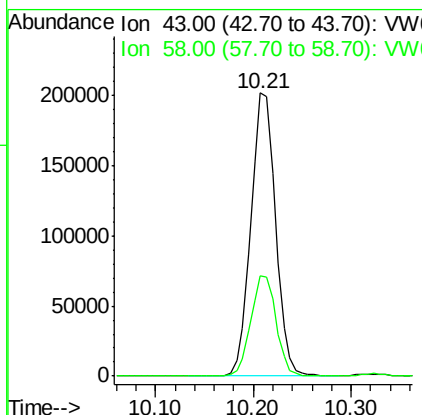
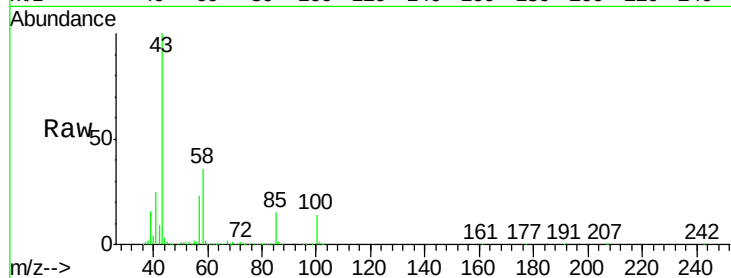




#51
 4-Methyl-2-Pentanone
 Concen: 292.399 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

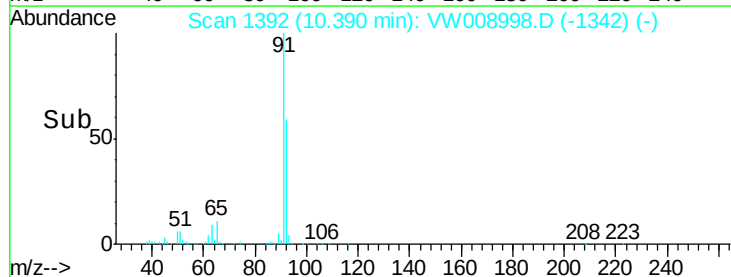
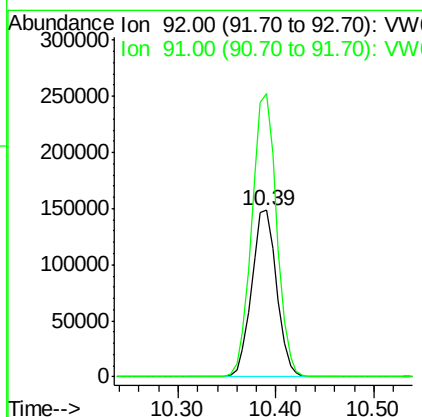
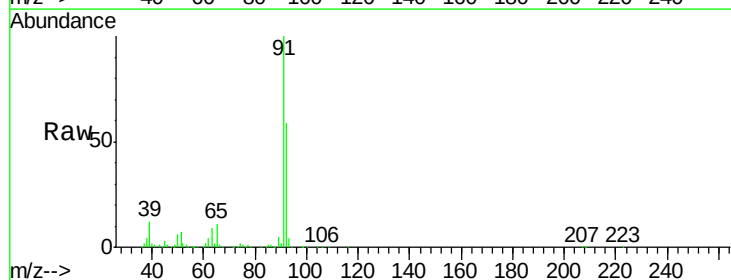
Instrument :
 MSVOA_W
 ClientSampled :

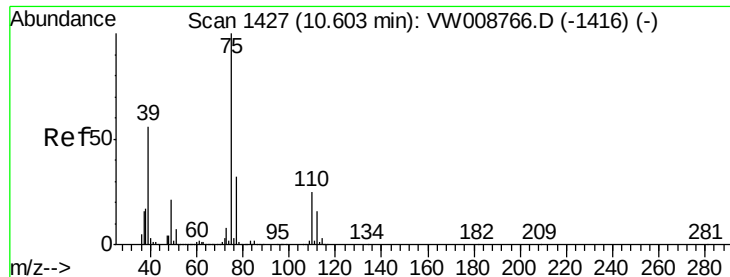
Tot Ion: 43 Resp: 355344
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.1 43.7



#52
 Toluene
 Concen: 55.129 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion: 92 Resp: 263467
 Ion Ratio Lower Upper
 92 100
 91 168.9 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 50.537 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

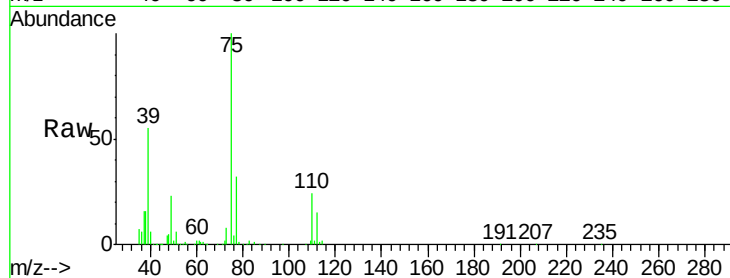
ClientSampleId :

Tot Ion: 75 Resp: 121307

Ion Ratio Lower Upper

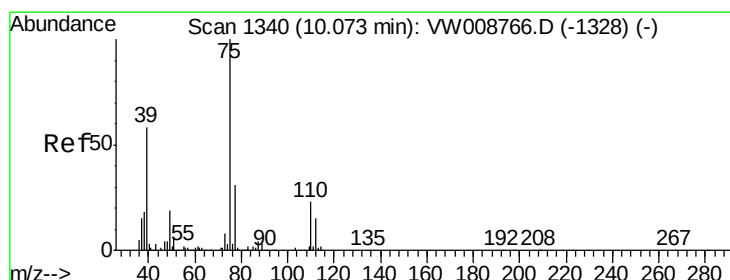
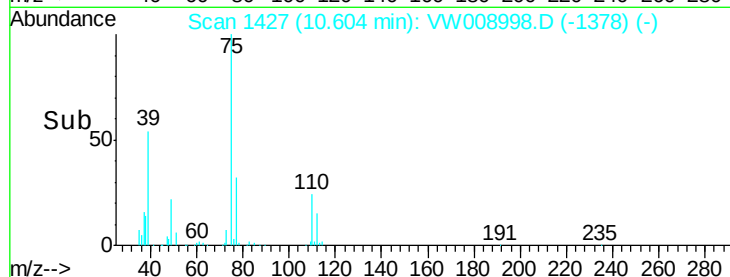
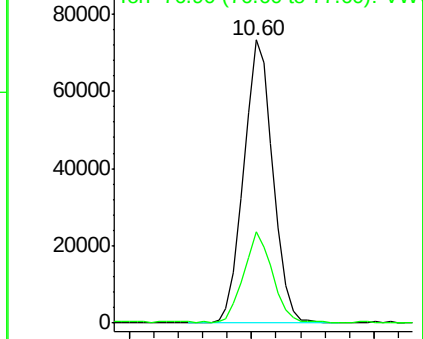
75 100

77 32.0 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 51.190 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

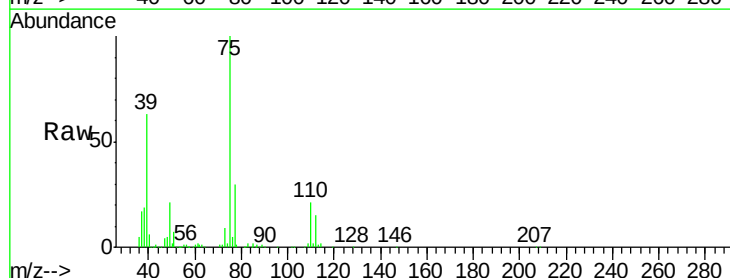
Tgt Ion: 75 Resp: 140142

Ion Ratio Lower Upper

75 100

77 29.4 25.0 37.4

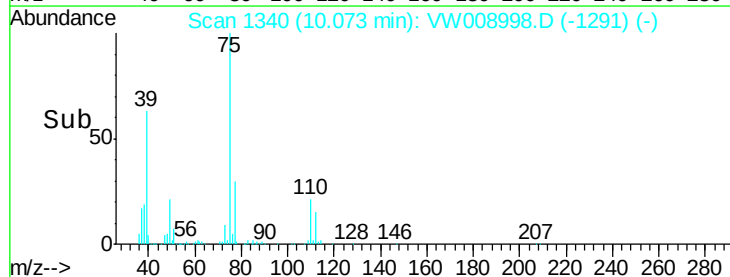
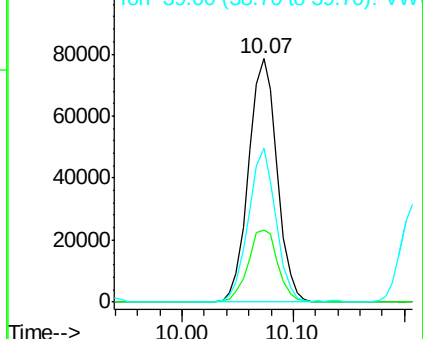
39 63.0 46.6 70.0

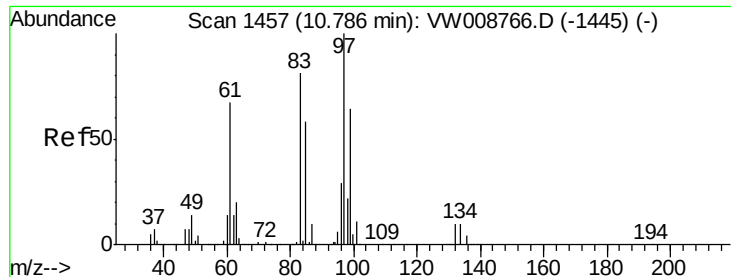


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 52.939 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 69491

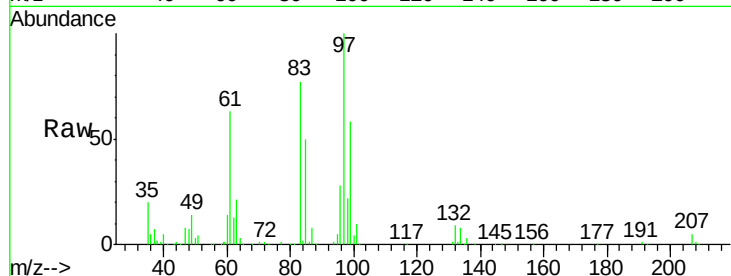
Ion	Ratio	Lower	Upper
97	100		
83	76.6	65.0	97.6
85	49.7	46.0	69.0
99	58.1	51.1	76.7

97 100

83 76.6 65.0 97.6

85 49.7 46.0 69.0

99 58.1 51.1 76.7

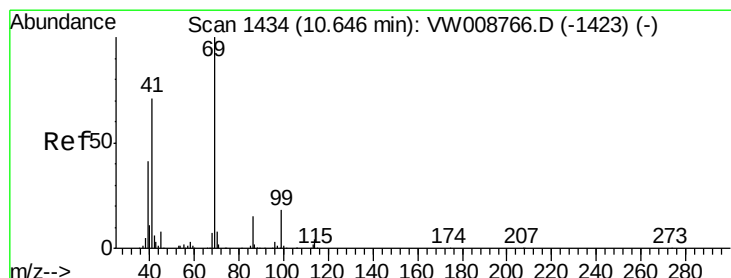
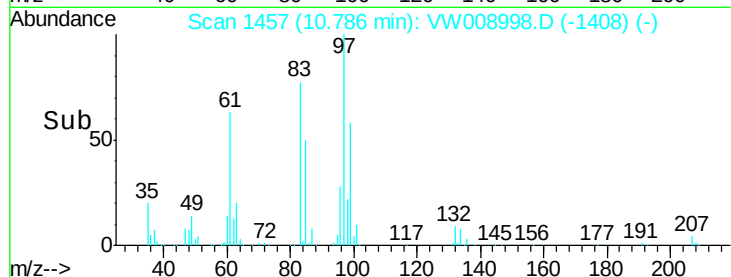
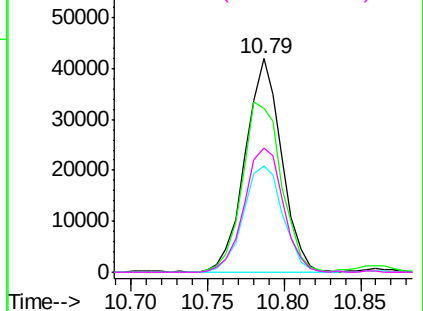


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 53.894 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

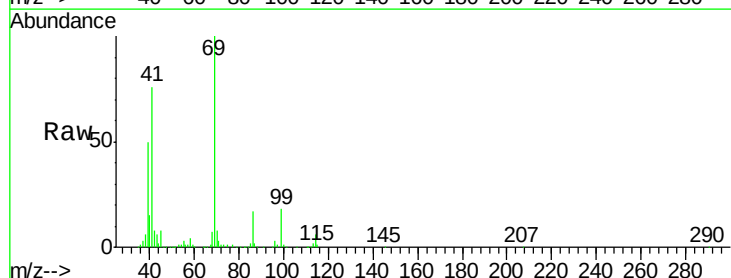
Tgt Ion: 69 Resp: 91913

Ion	Ratio	Lower	Upper
69	100		
41	78.2	57.4	86.0
39	46.7	34.8	52.2

69 100

41 78.2 57.4 86.0

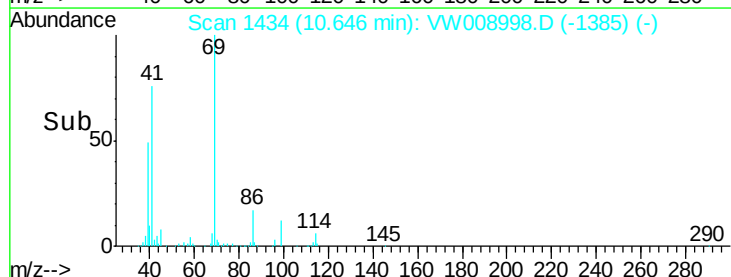
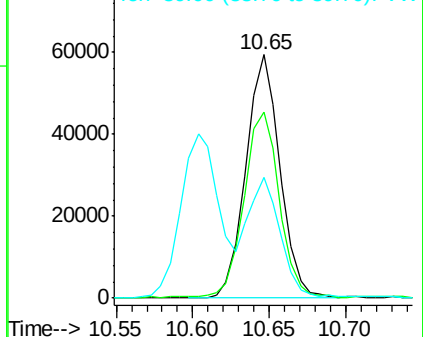
39 46.7 34.8 52.2

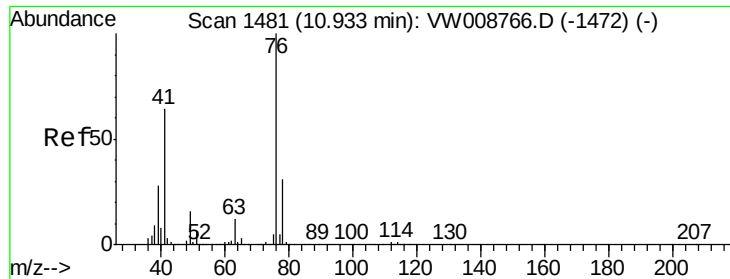


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

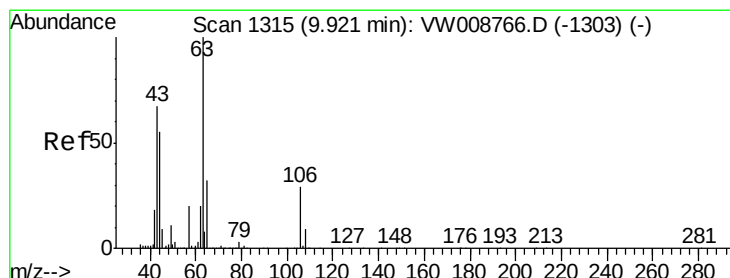
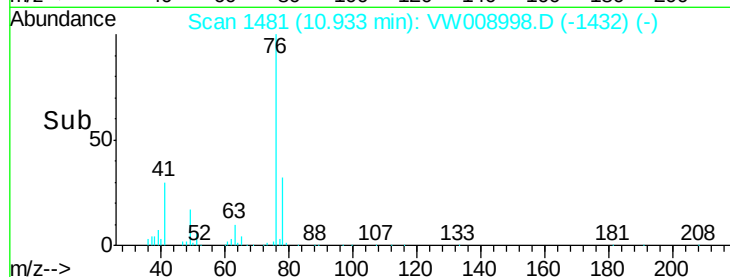
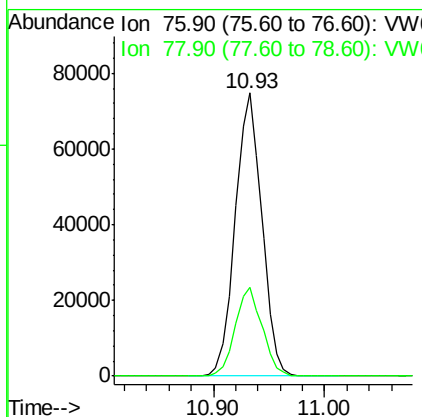
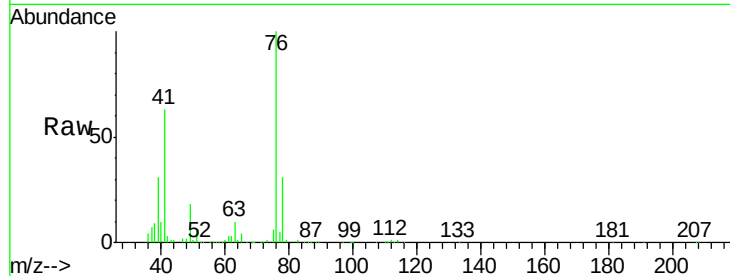




#57
 1,3-Dichloropropane
 Concen: 53.436 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

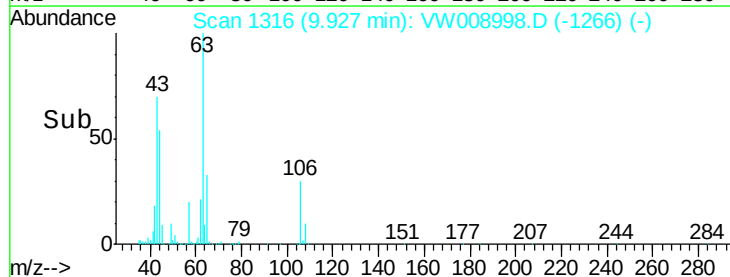
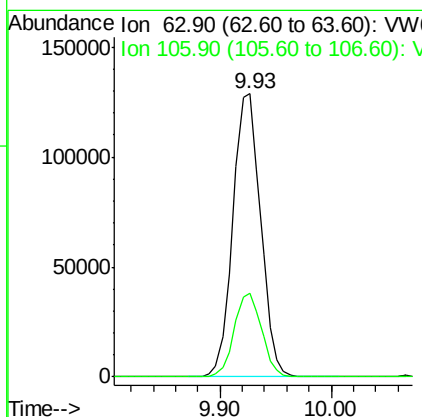
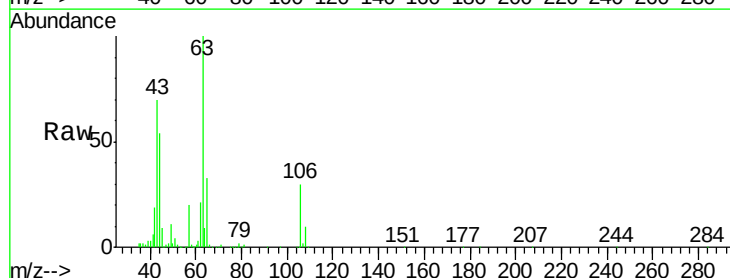
Instrument :
 MSVOA_W
 ClientSampleId :

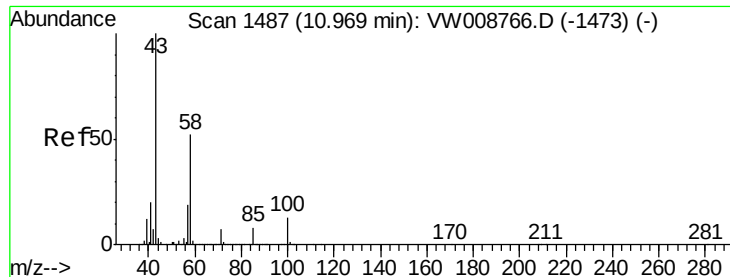
Tot Ion: 76 Resp: 123846
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.285 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion: 63 Resp: 222399
 Ion Ratio Lower Upper
 63 100
 106 29.3 24.0 36.0

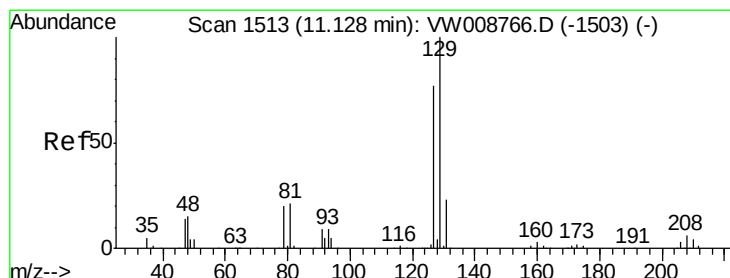
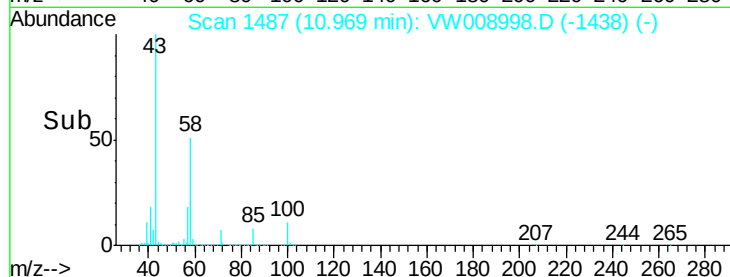
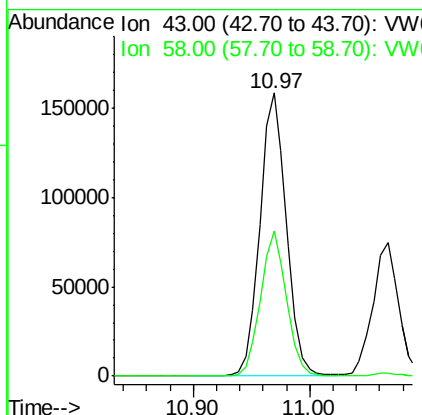
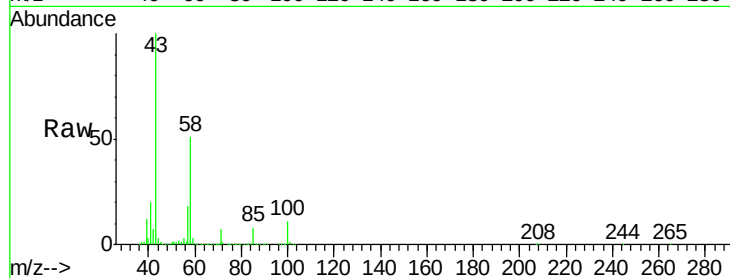




#59
2-Hexanone
Concen: 288.807 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

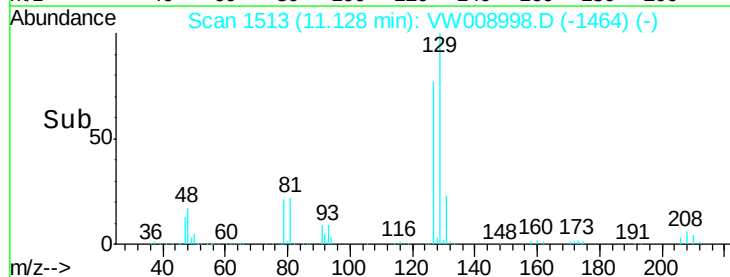
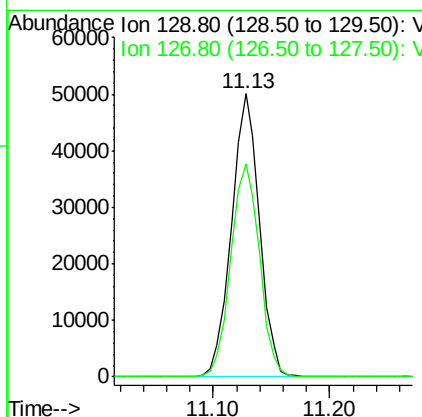
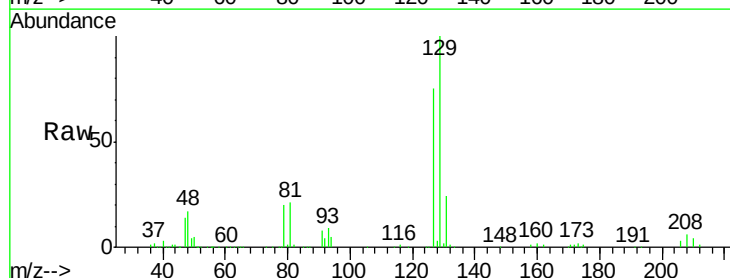
Instrument :
MSVOA_W
ClientSampleId :

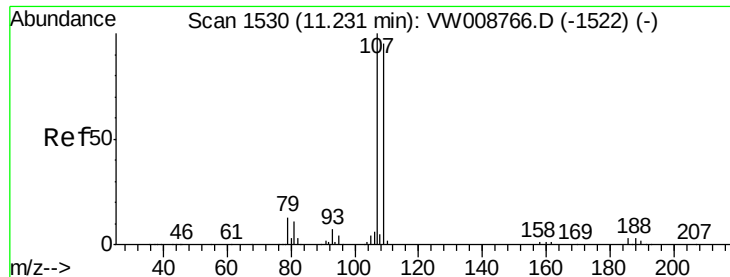
Tot Ion: 43 Resp: 249842
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.8



#60
Dibromochloromethane
Concen: 52.154 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion: 129 Resp: 83504
Ion Ratio Lower Upper
129 100
127 77.2 39.0 116.9

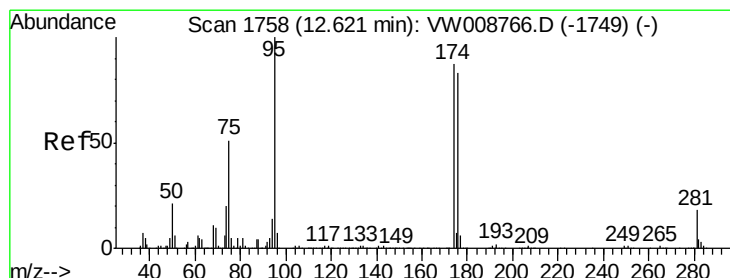
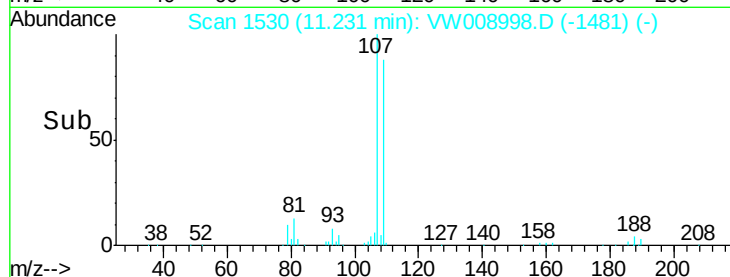
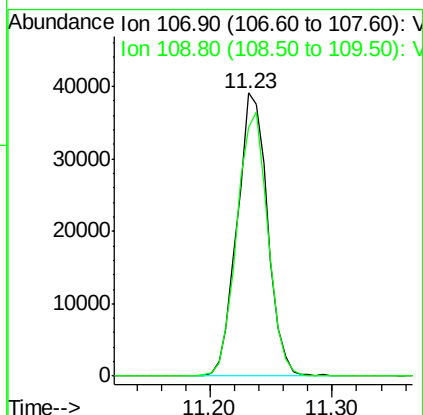
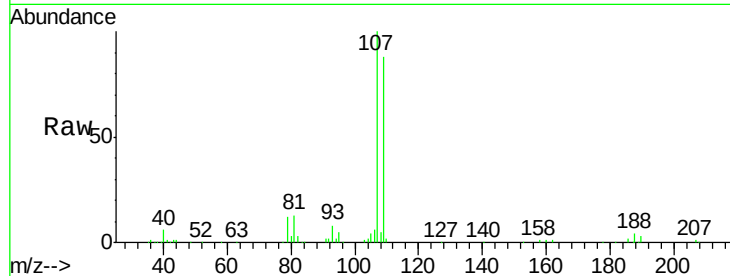




#61
 1,2-Dibromoethane
 Concen: 51.866 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

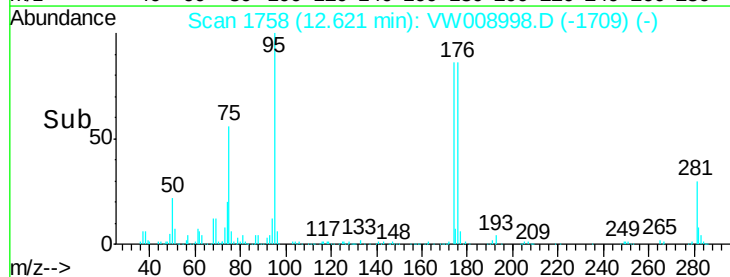
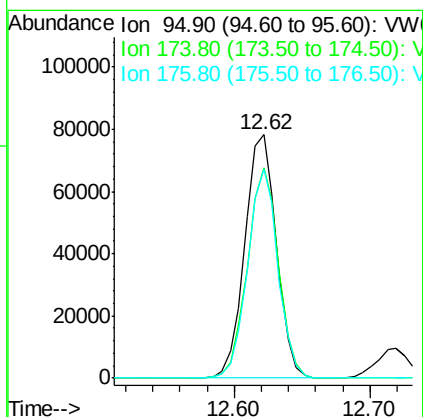
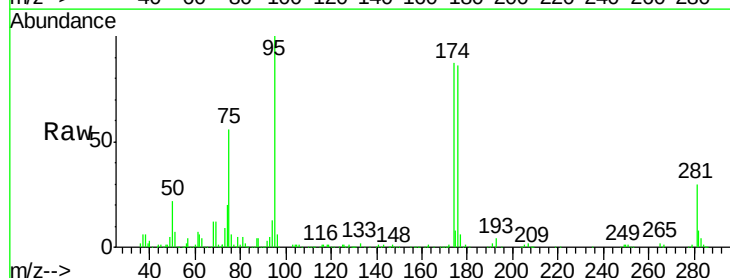
Instrument :
 MSVOA_W
 ClientSampleId :

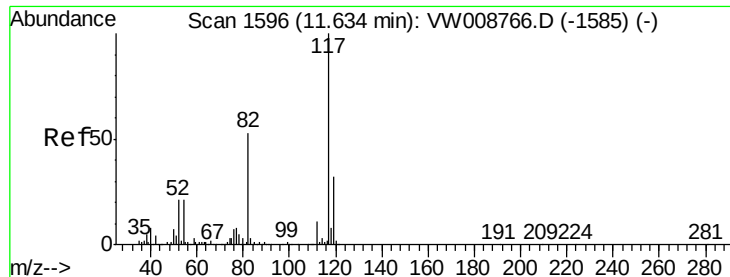
Tot Ion:107 Resp: 67392
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.924 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion: 95 Resp: 127253
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 169.2
 176 82.6 0.0 163.6

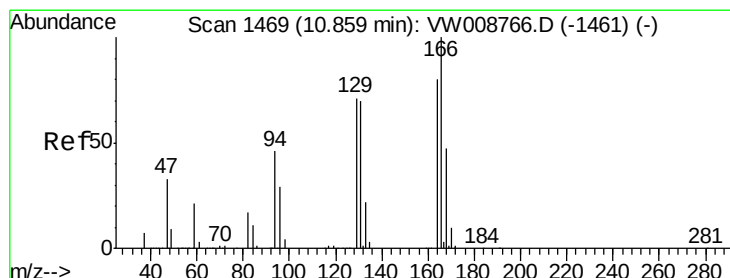
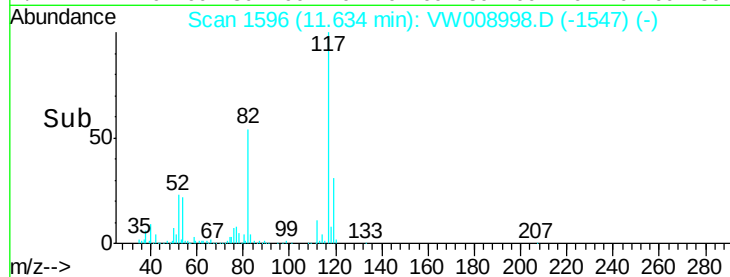
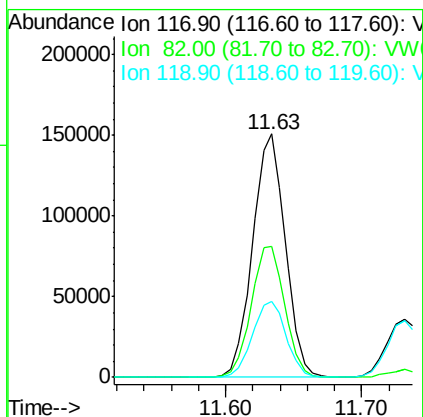
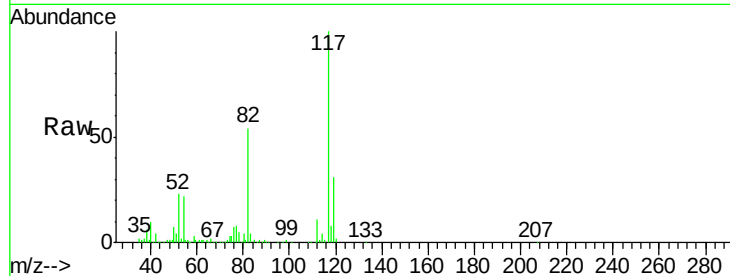




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

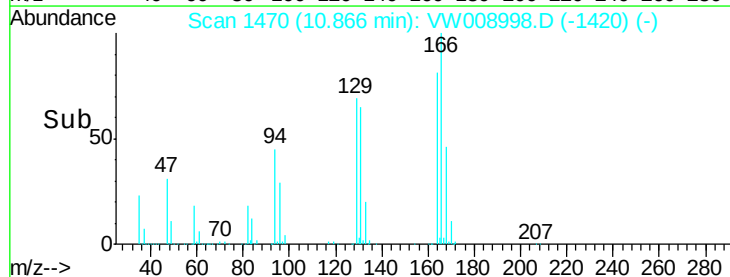
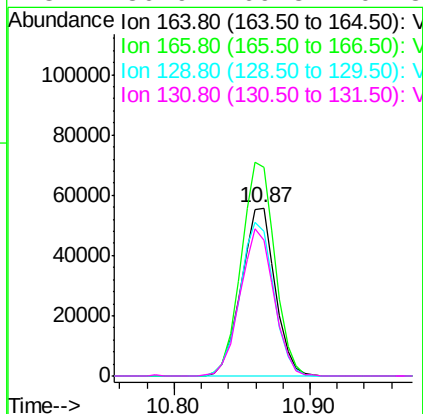
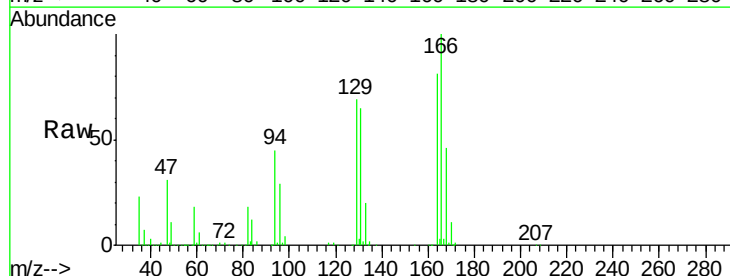
Instrument :
MSVOA_W
ClientSampleId :

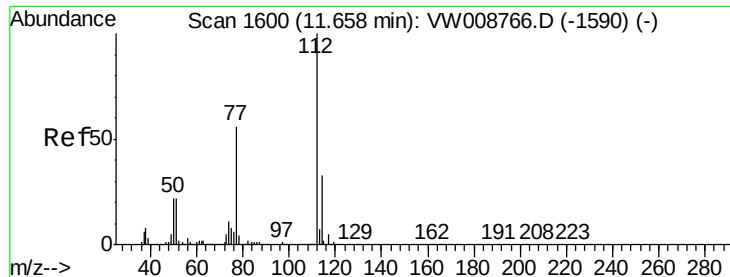
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.4
119	31.3	25.9	38.9



#64
Tetrachloroethene
Concen: 53.281 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	99.5	149.3
129	85.7	71.1	106.7
131	80.9	69.8	104.8

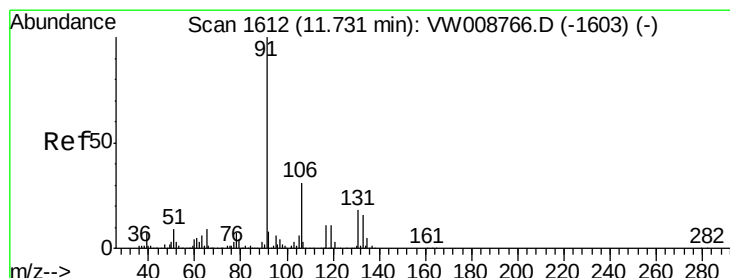
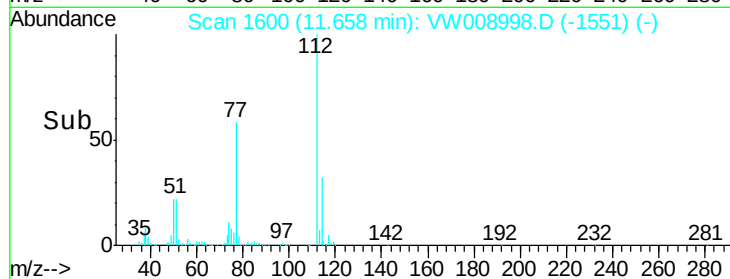
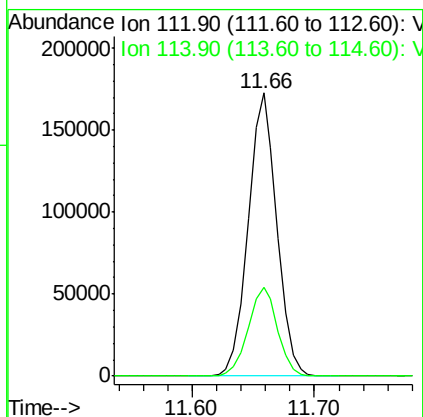
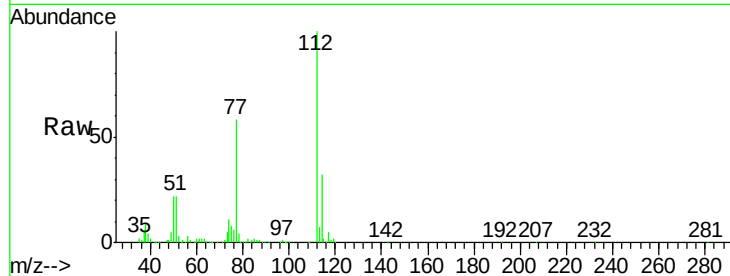




#65
Chlorobenzene
Concen: 52.409 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

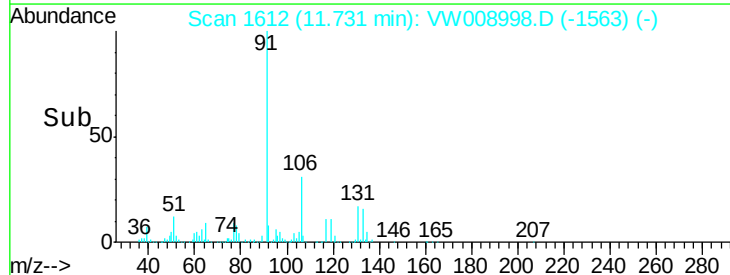
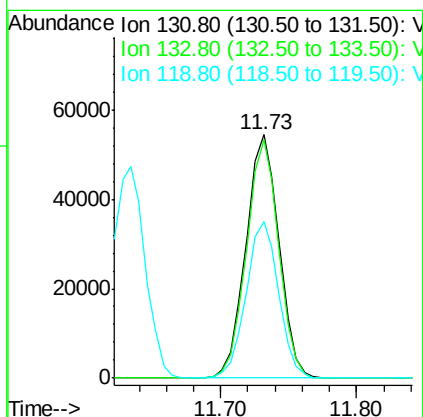
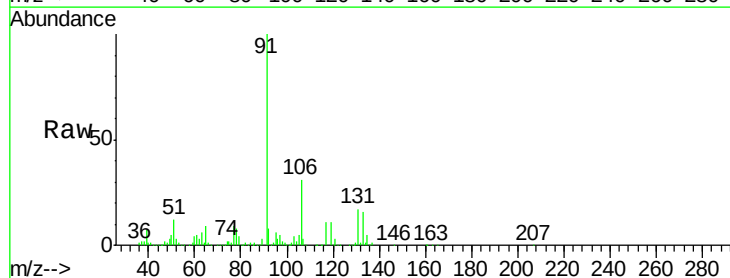
Instrument :
MSVOA_W
ClientSampleId :

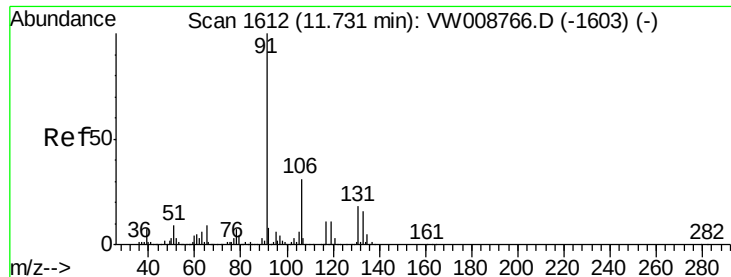
Tot Ion:112 Resp: 280033
Ion Ratio Lower Upper
112 100
114 31.6 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.415 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion:131 Resp: 92891
Ion Ratio Lower Upper
131 100
133 95.2 46.7 140.0
119 63.3 30.8 92.4





#67

Ethyl Benzene

Concen: 53.773 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

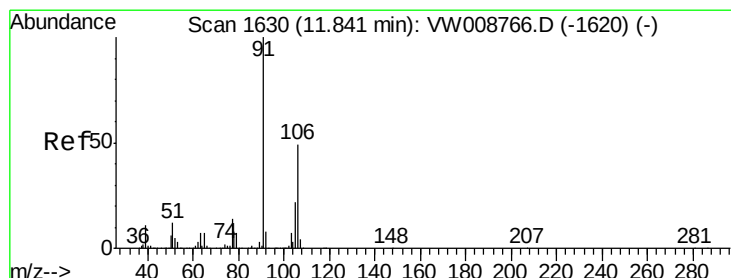
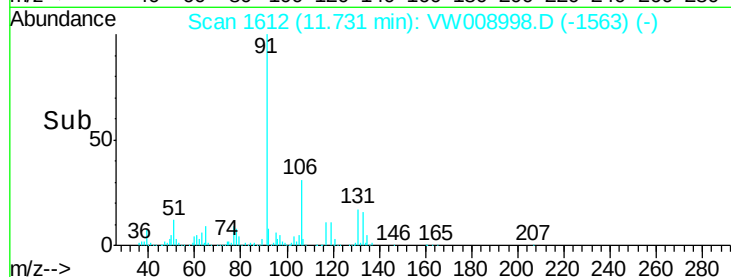
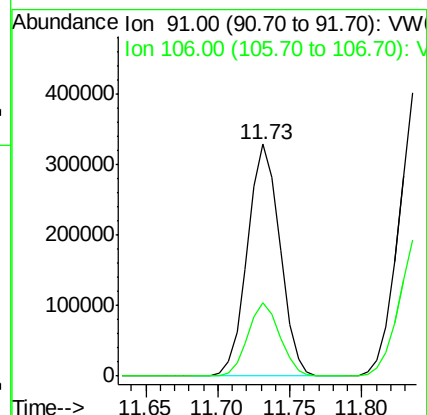
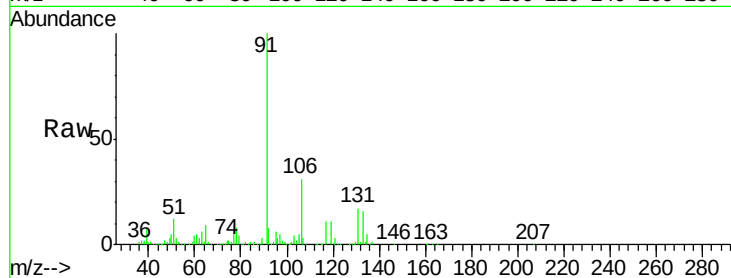
ClientSampled :

Tot Ion: 91 Resp: 513635

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.6



#68

m/p-Xylenes

Concen: 103.135 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008998.D

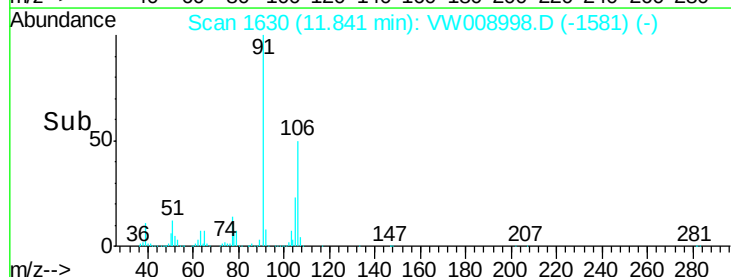
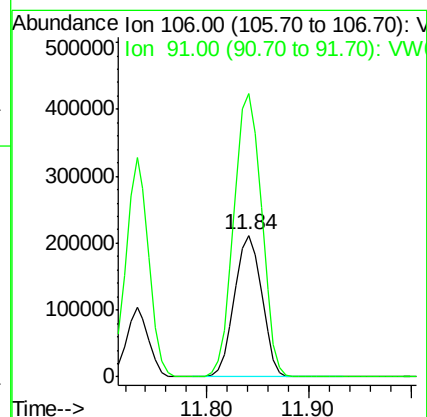
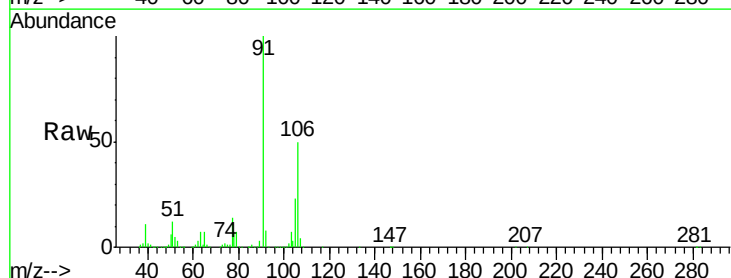
Acq: 05 Mar 2019 15:54

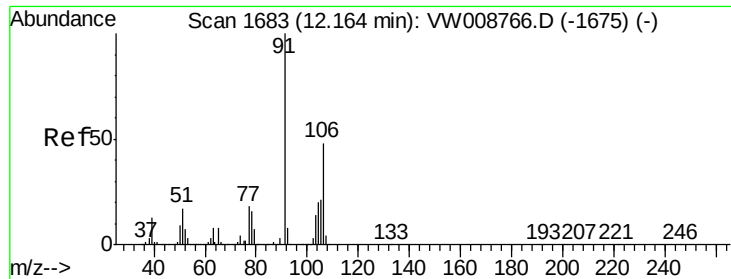
Tgt Ion: 106 Resp: 393612

Ion Ratio Lower Upper

106 100

91 203.0 161.5 242.3

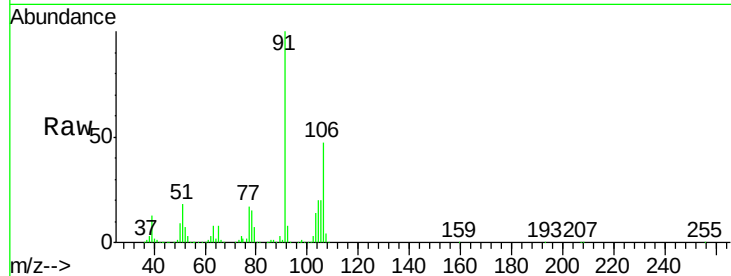




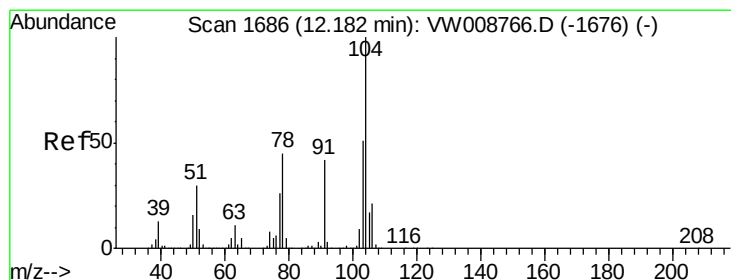
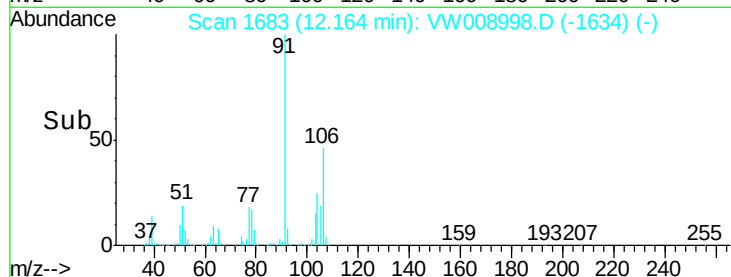
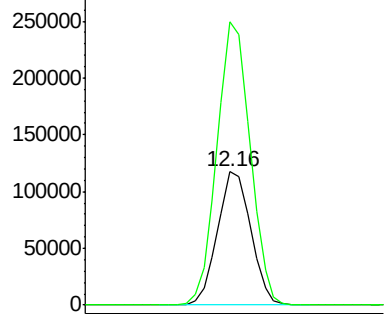
#69
o-Xylene
Concen: 52.556 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 188267
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.6

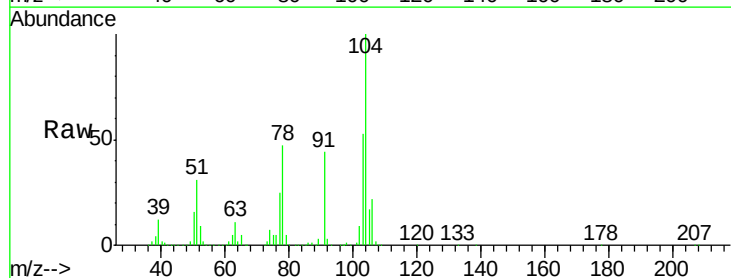


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

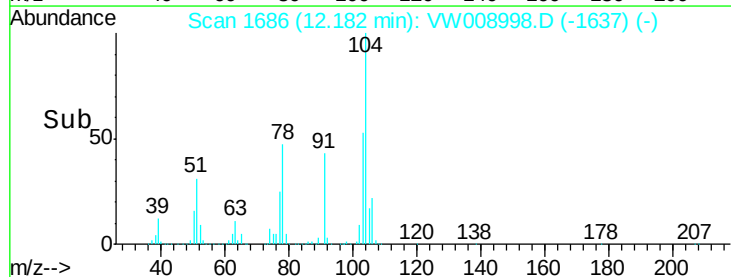
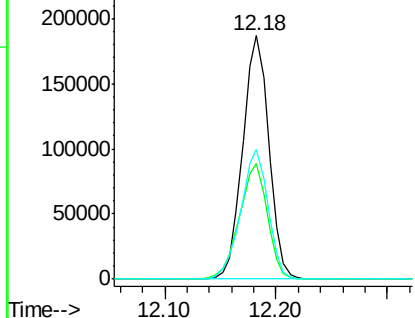


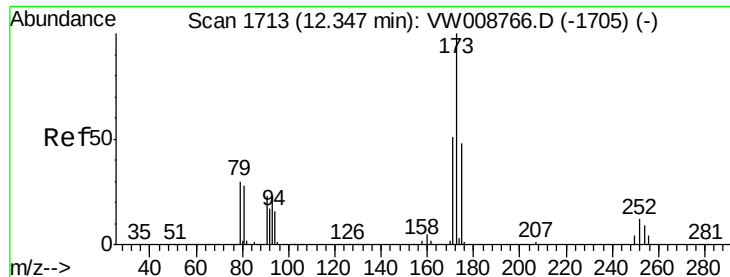
#70
Styrene
Concen: 52.923 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion:104 Resp: 305005
Ion Ratio Lower Upper
104 100
78 50.7 40.8 61.2
103 55.7 44.2 66.2



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: 52.577 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

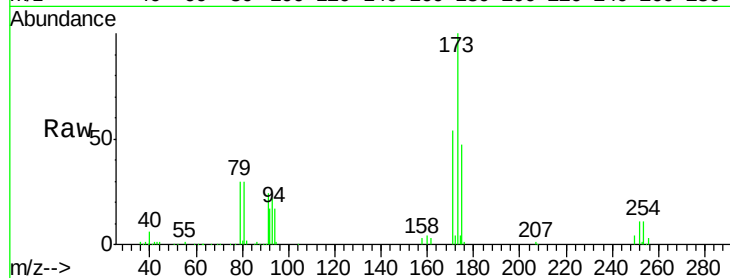
Tot Ion:173 Resp: 51060

Ion Ratio Lower Upper

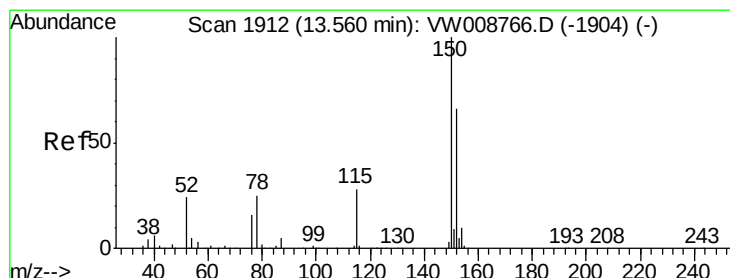
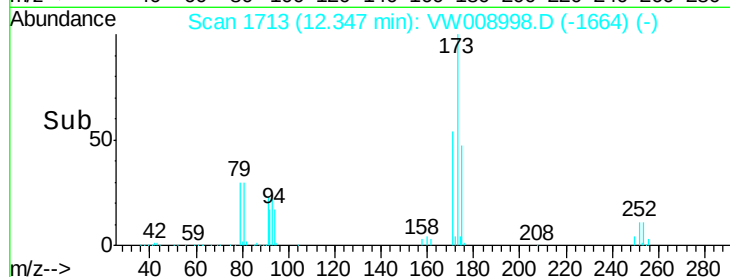
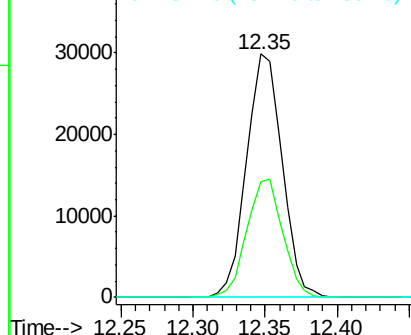
173 100

175 48.8 24.2 72.6

254 0.1 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

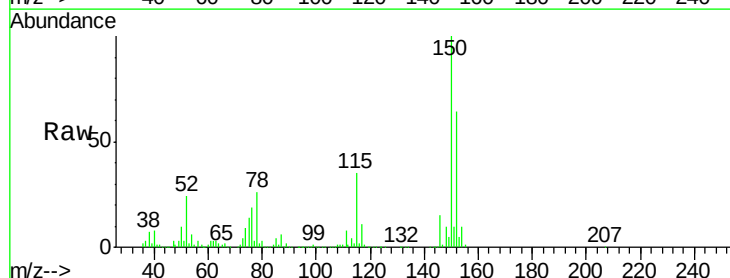
Tgt Ion:152 Resp: 136535

Ion Ratio Lower Upper

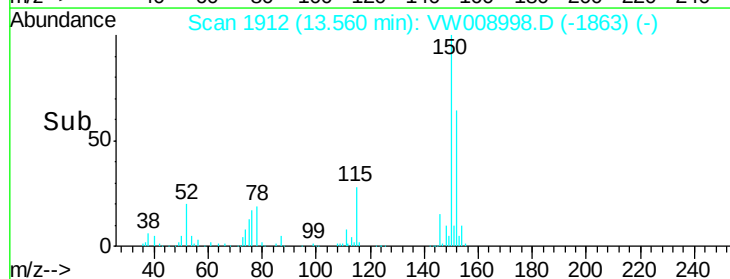
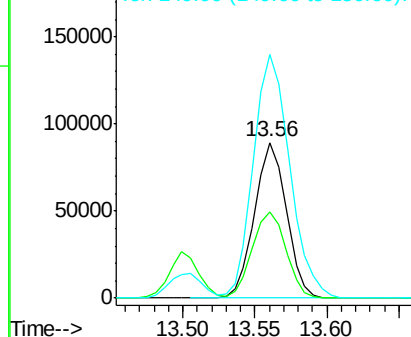
152 100

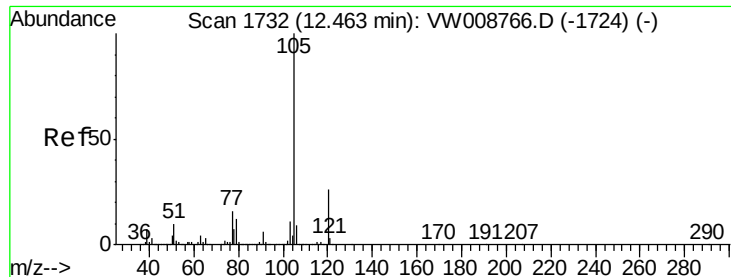
115 58.6 28.6 85.8

150 179.4 0.0 348.0



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: 54.831 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

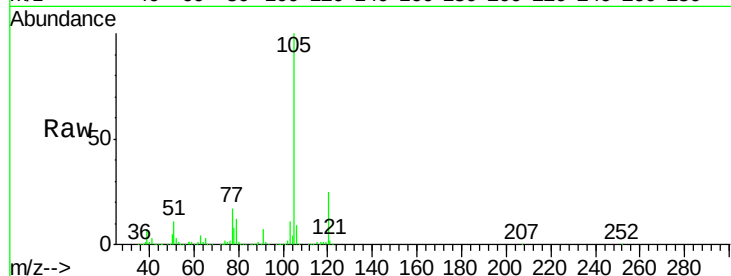
ClientSampleId :

Tot Ion:105 Resp: 513223

Ion Ratio Lower Upper

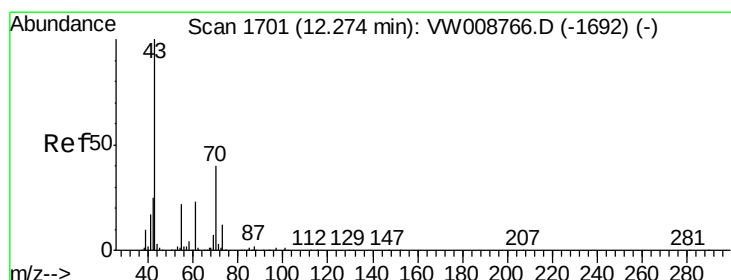
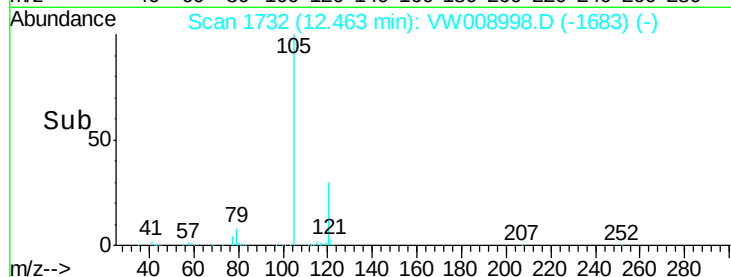
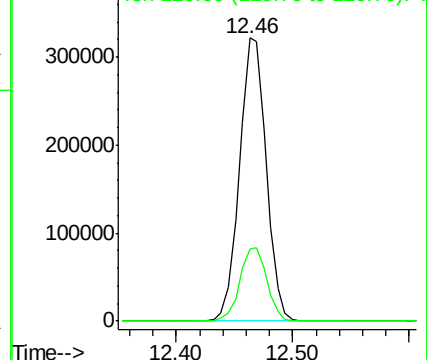
105 100

120 26.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.080 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Tgt Ion: 43 Resp: 134578

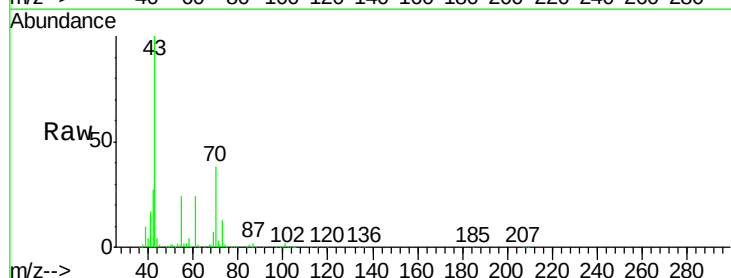
Ion Ratio Lower Upper

43 100

70 38.3 31.0 46.6

55 22.9 18.7 28.1

61 22.2 18.1 27.1

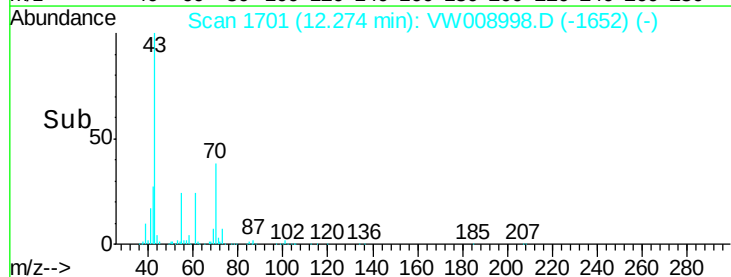
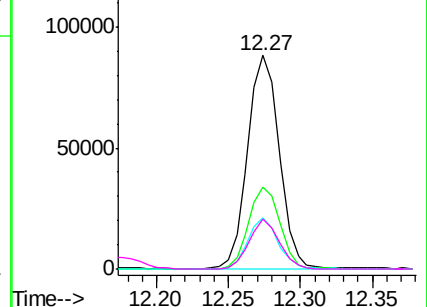


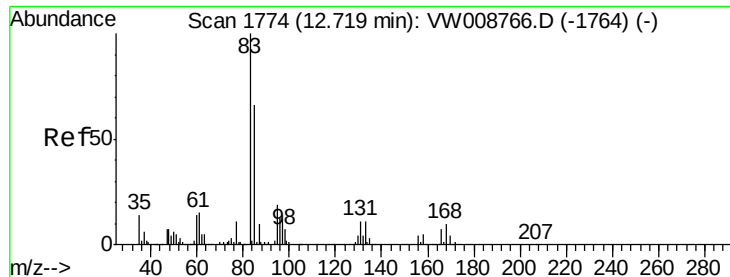
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 56.484 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

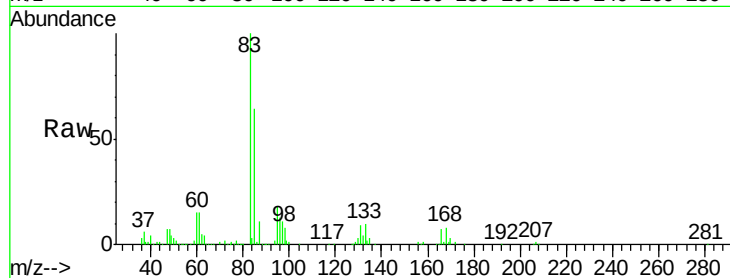
Tot Ion: 83 Resp: 86386

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.7

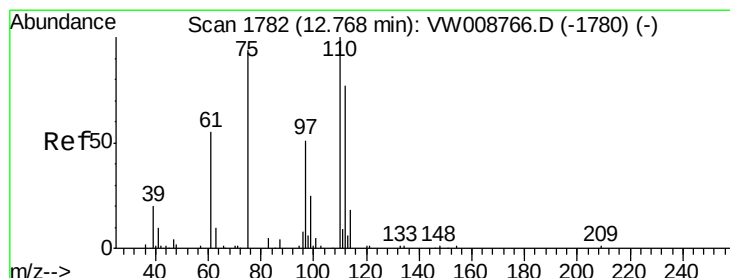
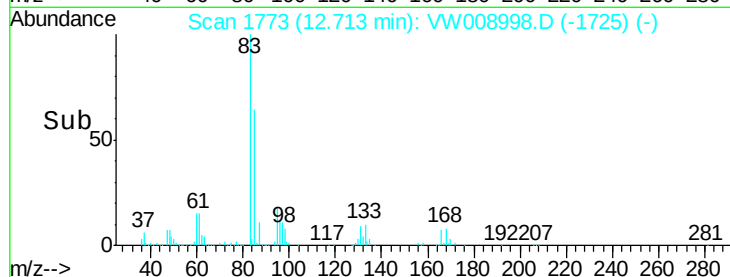
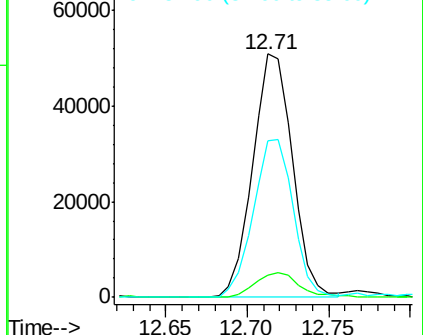
85 64.9 33.0 98.9



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: 106.289 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008998.D

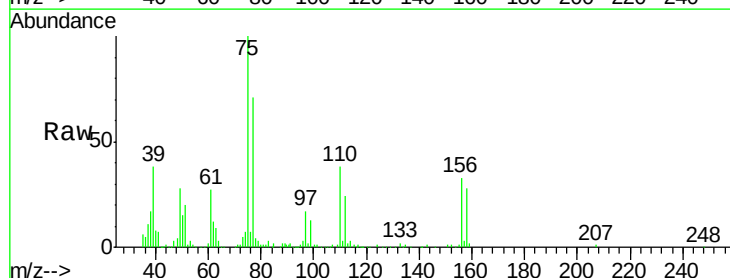
Acq: 05 Mar 2019 15:54

Tgt Ion: 75 Resp: 119817

Ion Ratio Lower Upper

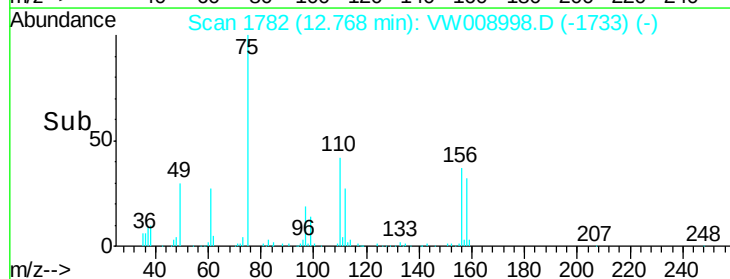
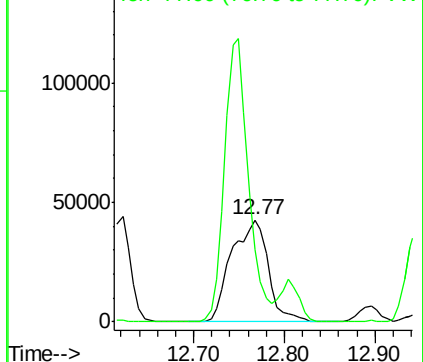
75 100

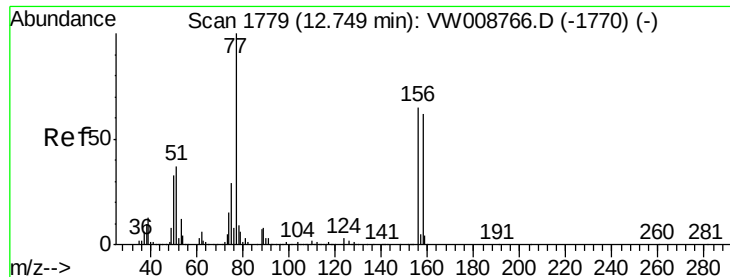
77 182.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

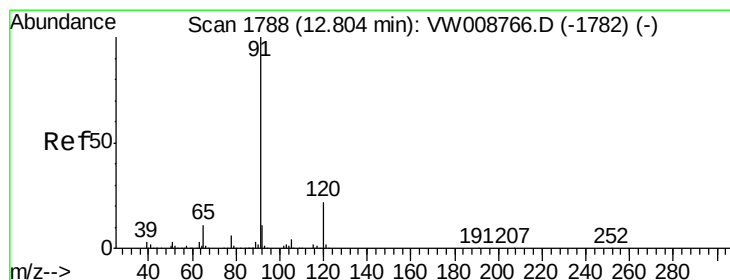
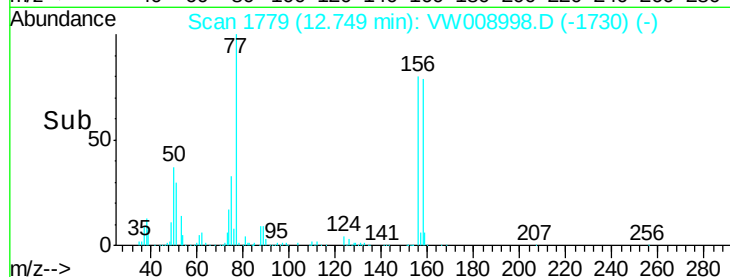
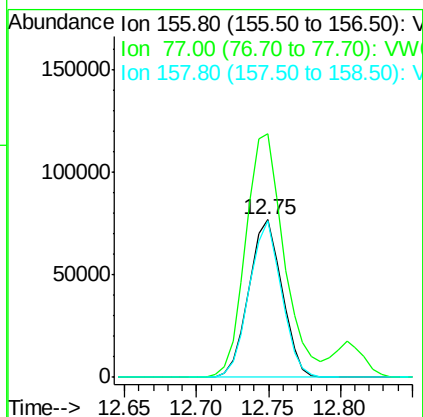
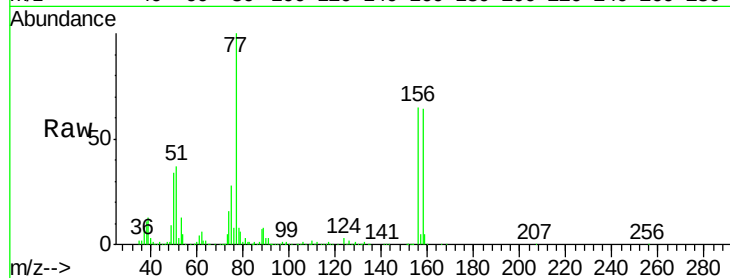




#77
Bromobenzene
Concen: 55.248 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

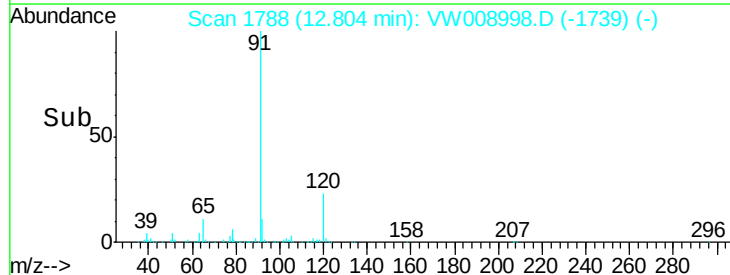
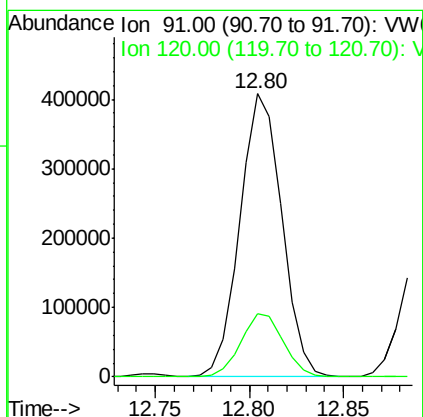
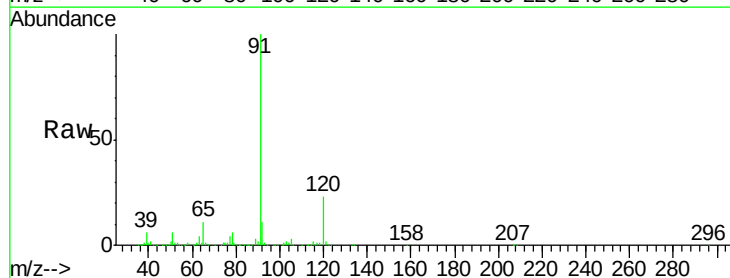
Instrument :
MSVOA_W
ClientSampleId :

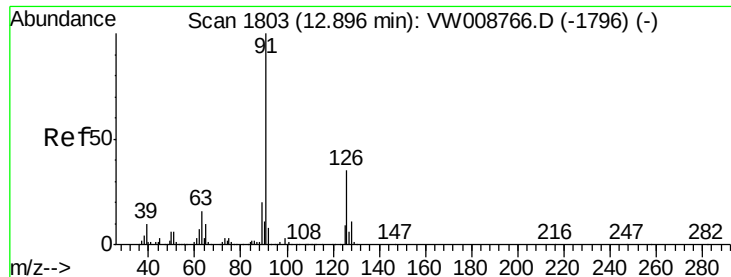
Tot Ion:156 Resp: 122201
Ion Ratio Lower Upper
156 100
77 178.6 89.1 267.4
158 96.6 49.2 147.6



#78
n-propylbenzene
Concen: 54.864 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion: 91 Resp: 628161
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.049 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

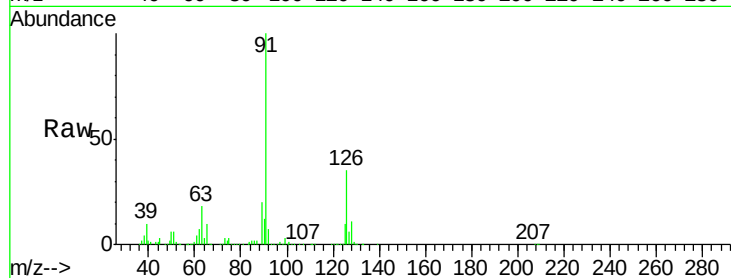
ClientSampleId :

Tot Ion: 91 Resp: 351350

Ion Ratio Lower Upper

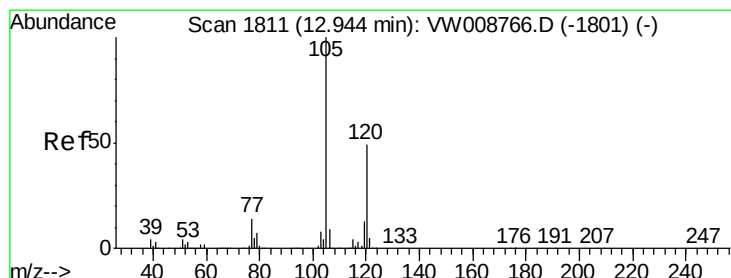
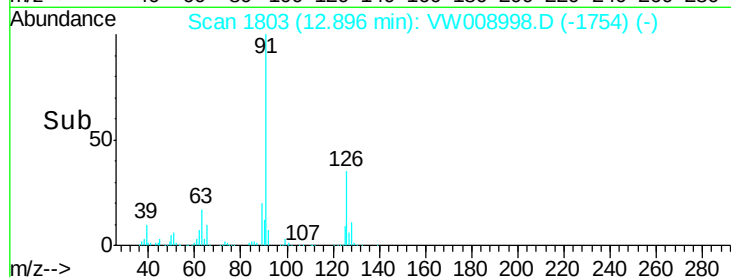
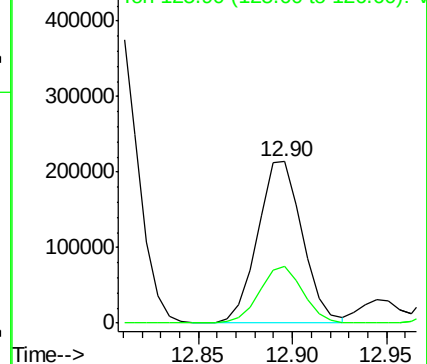
91 100

126 34.2 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.326 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008998.D

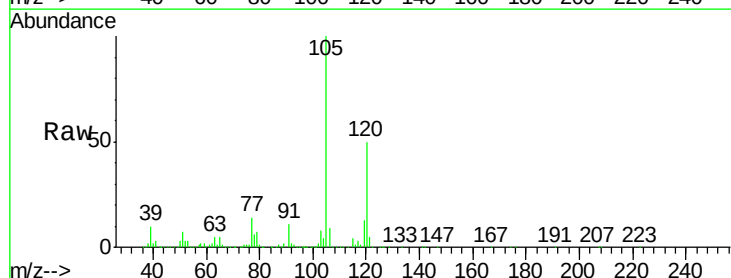
Acq: 05 Mar 2019 15:54

Tgt Ion:105 Resp: 425621

Ion Ratio Lower Upper

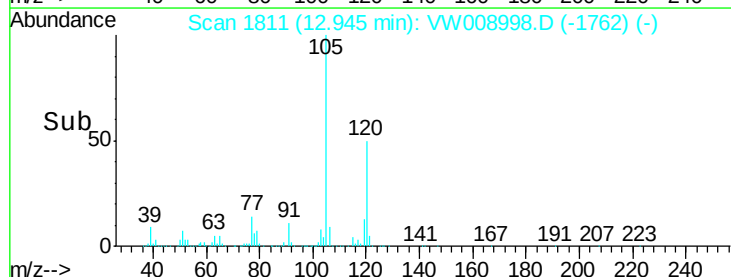
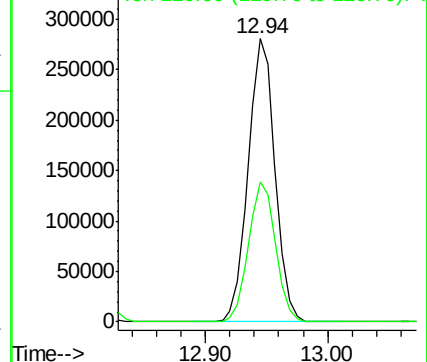
105 100

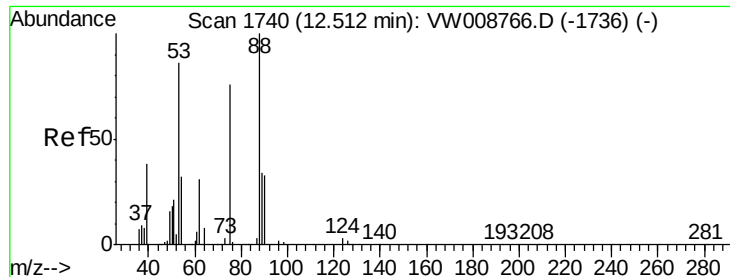
120 50.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

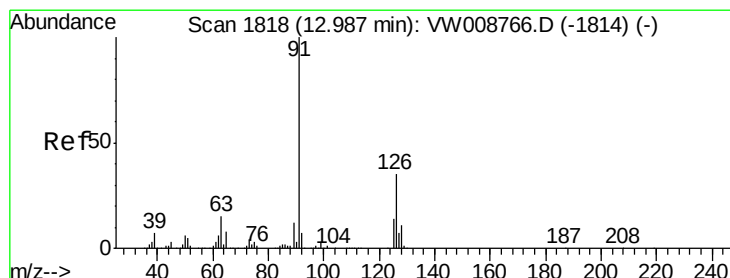
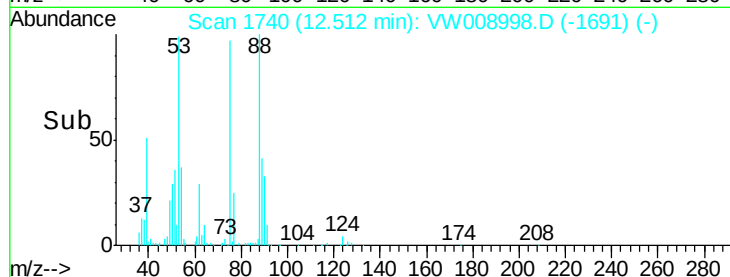
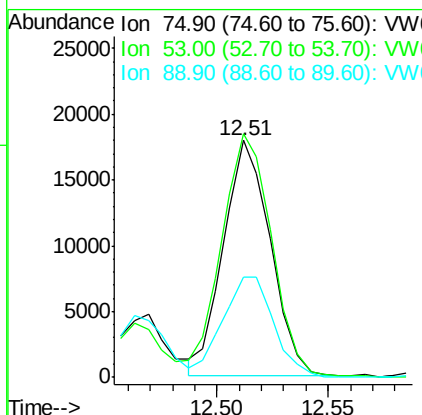
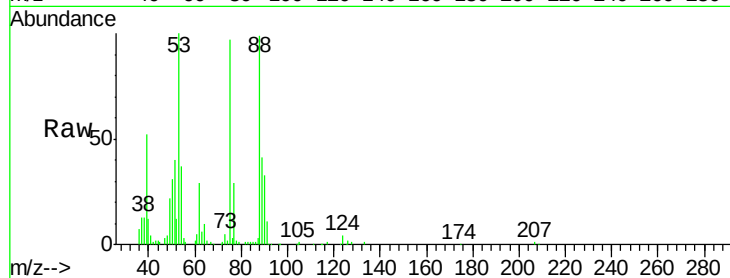




#81
trans-1,4-Dichloro-2-butene
Concen: 56.830 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

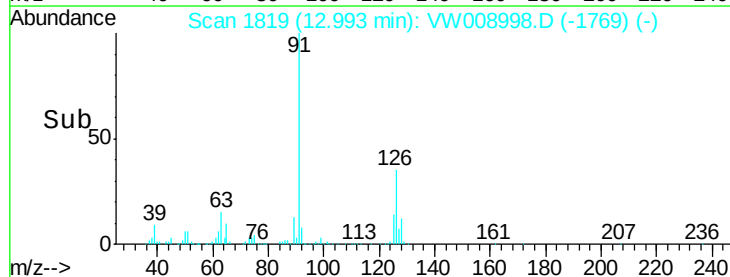
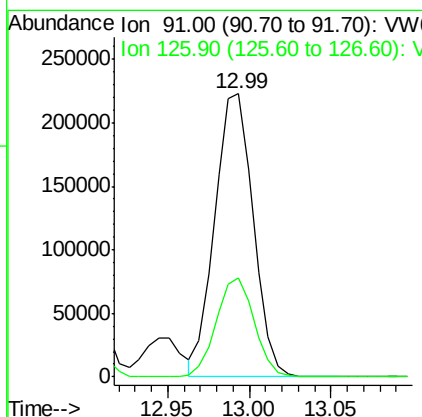
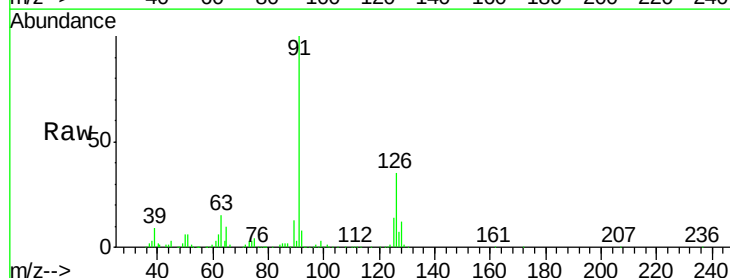
Instrument :
MSVOA_W
ClientSampleId :

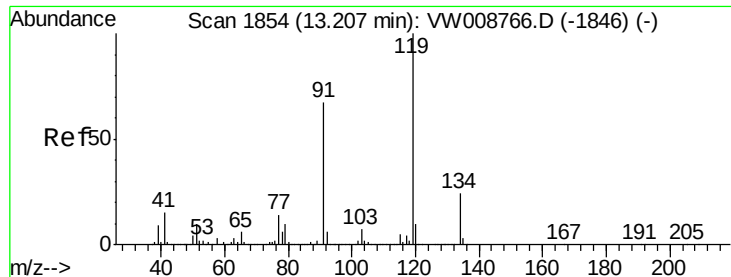
Tot Ion: 75 Resp: 26352
Ion Ratio Lower Upper
75 100
53 111.5 88.2 132.2
89 46.6 39.5 59.3



#82
4-Chlorotoluene
Concen: 53.335 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion: 91 Resp: 365361
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

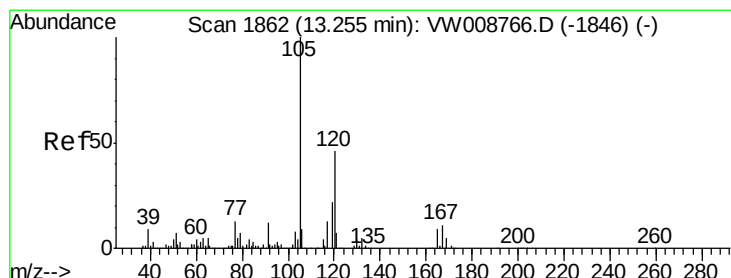
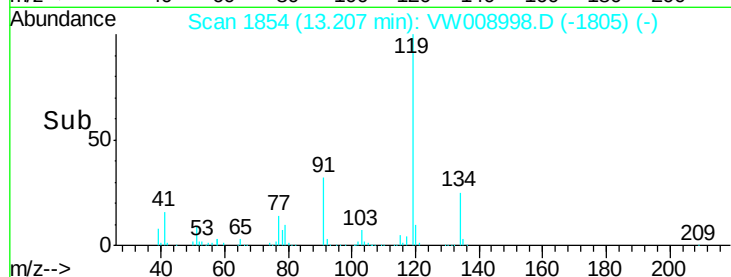
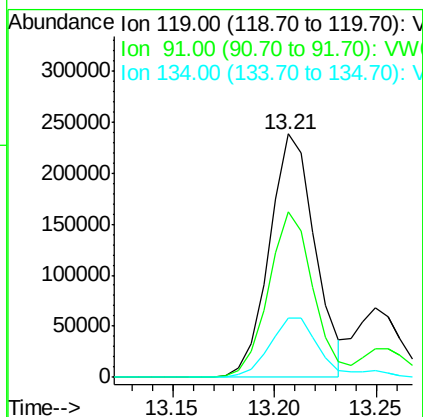
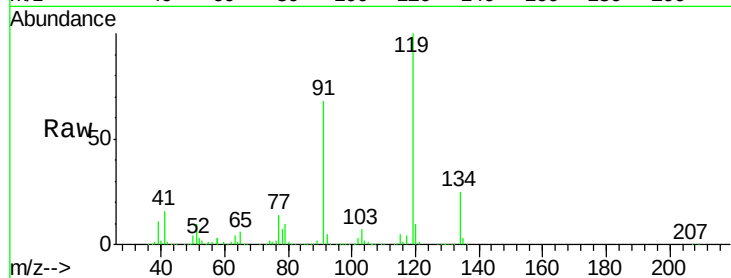




#83
 tert-Butylbenzene
 Concen: 52.934 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

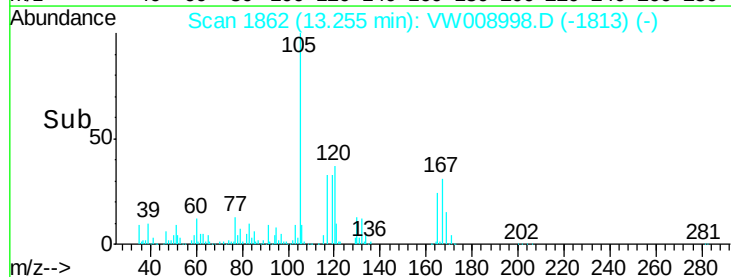
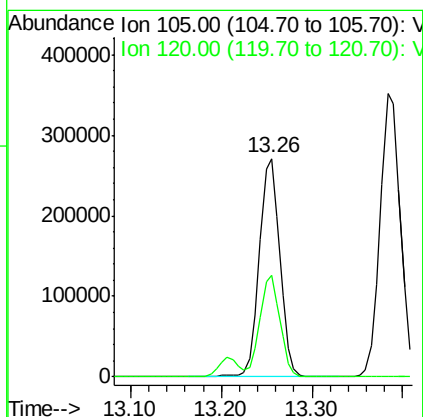
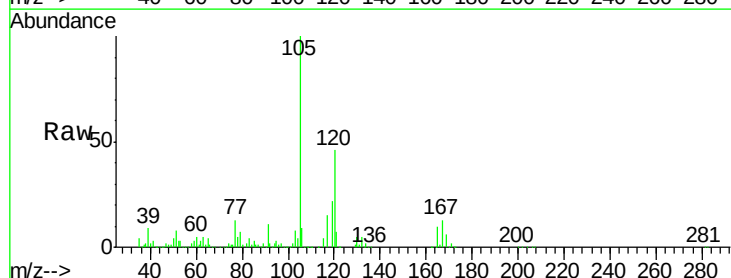
Instrument :
 MSVOA_W
 ClientSampleId :

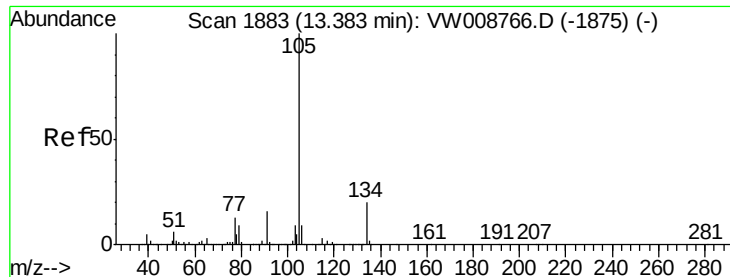
Tot Ion:119 Resp: 372298
 Ion Ratio Lower Upper
 119 100
 91 66.9 33.6 100.8
 134 27.6 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.511 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion:105 Resp: 425303
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.4

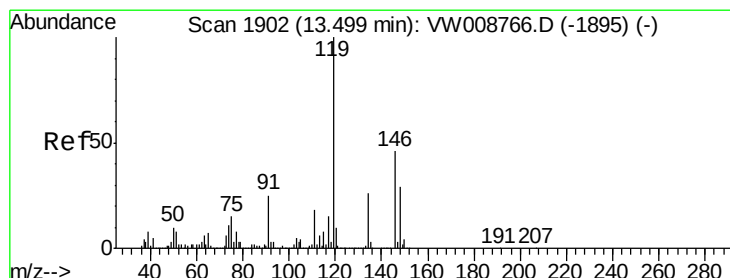
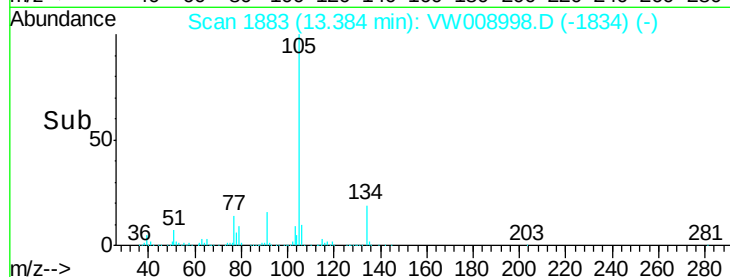
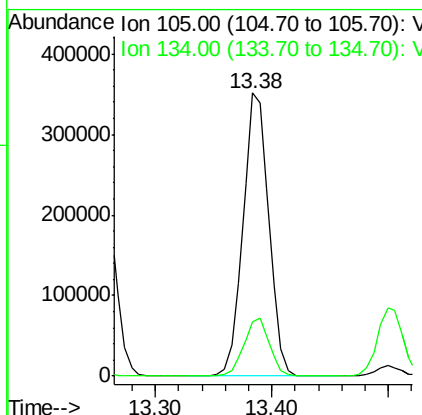
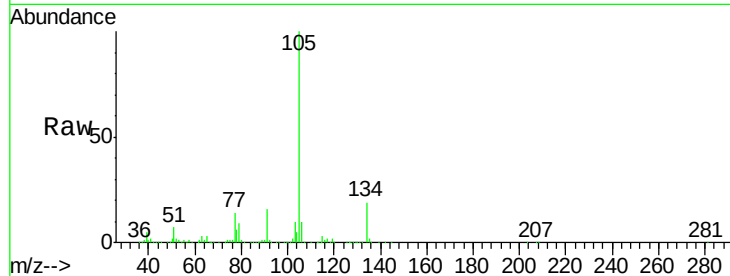




#85
 sec-Butylbenzene
 Concen: 53.608 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

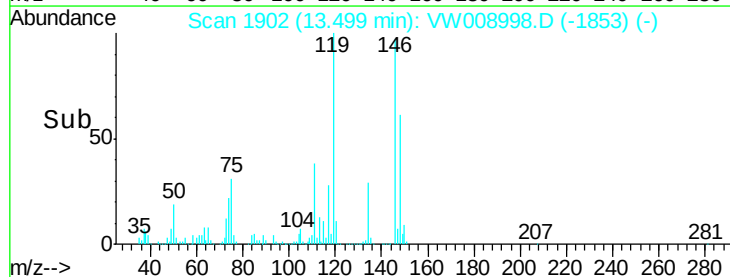
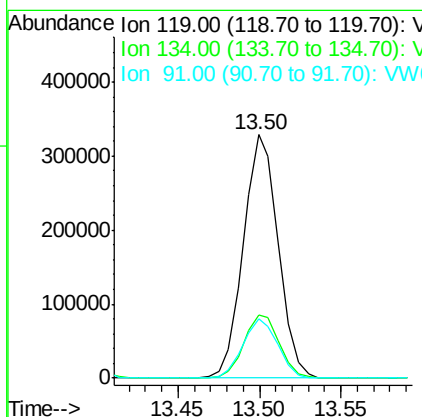
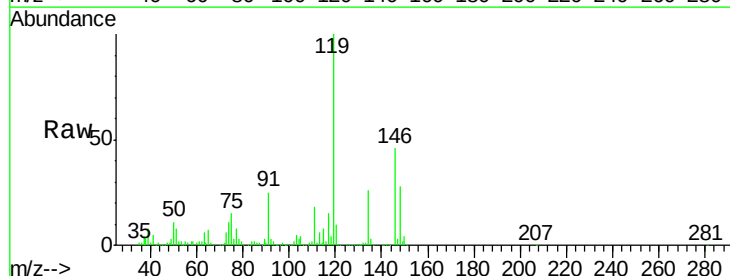
Instrument :
 MSVOA_W
 ClientSampleId :

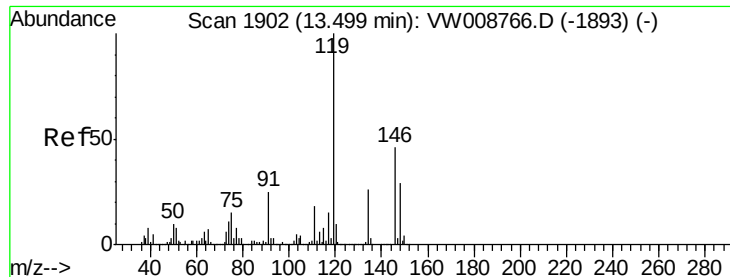
Tot Ion:105 Resp: 542141
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 52.664 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion:119 Resp: 488245
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 24.3 12.1 36.3

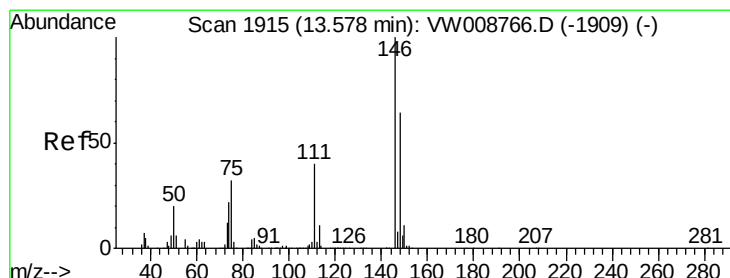
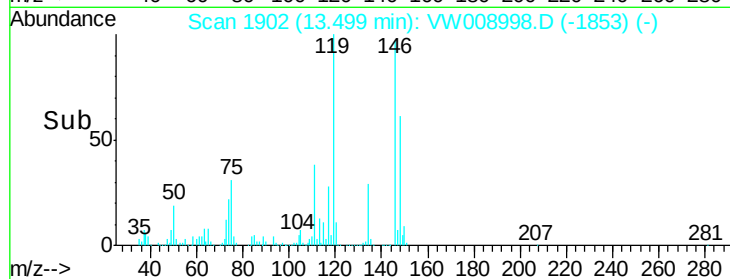
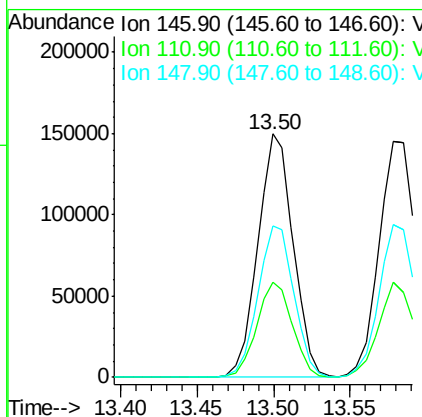
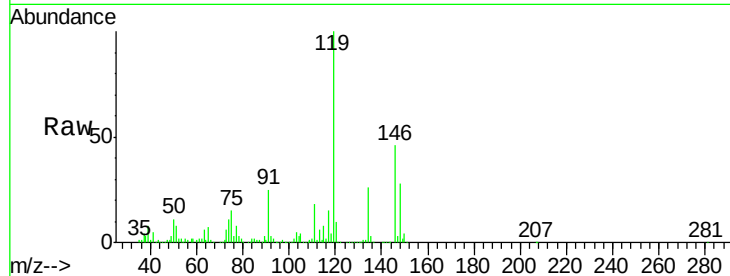




#87
 1,3-Dichlorobenzene
 Concen: 52.399 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

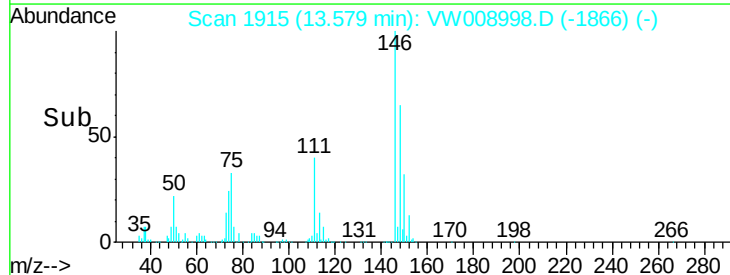
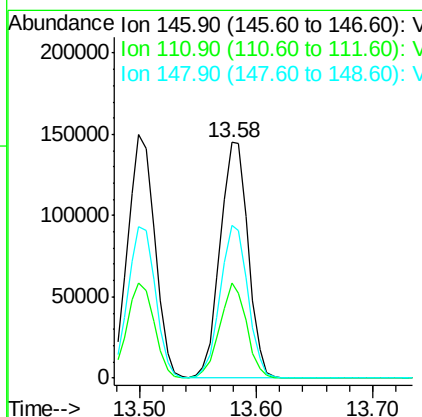
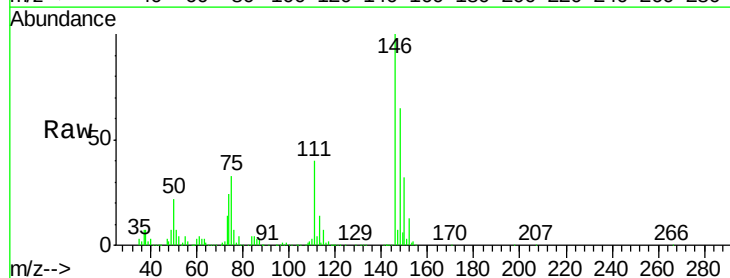
Instrument :
 MSVOA_W
 ClientSampleId :

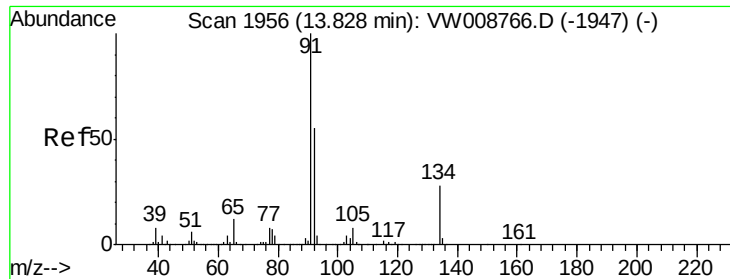
Tot Ion:146 Resp: 240463
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 63.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 53.405 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion:146 Resp: 241548
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.9
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 51.105 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008998.D

Acq: 05 Mar 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

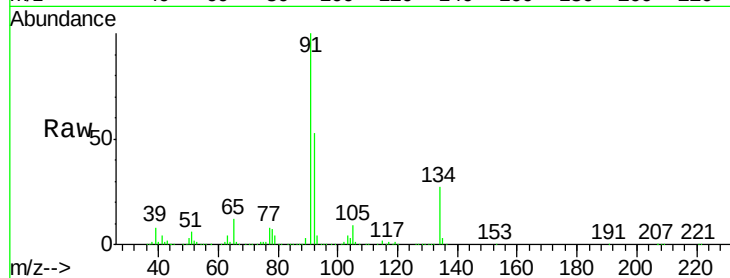
Tot Ion: 91 Resp: 443874

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

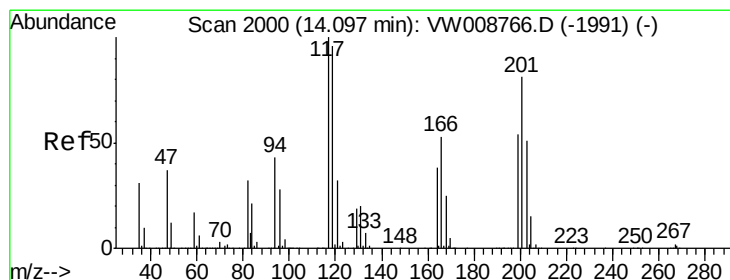
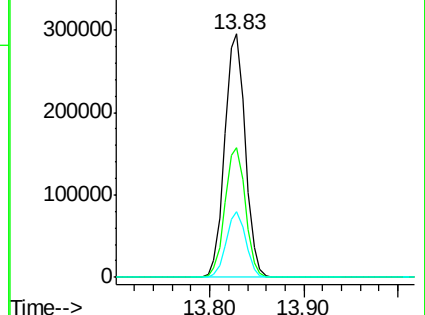
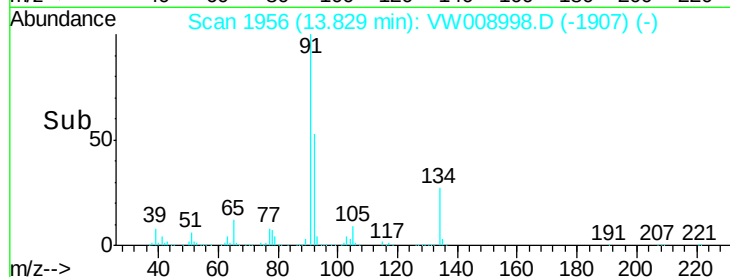
134 26.1 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 55.864 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008998.D

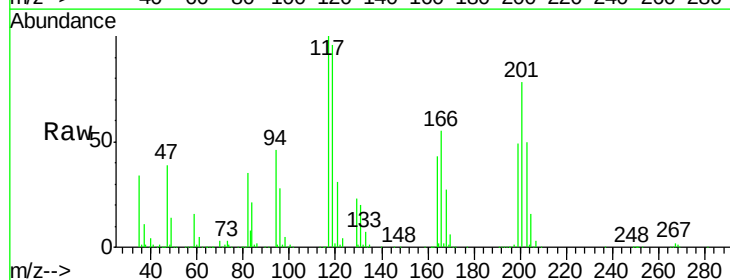
Acq: 05 Mar 2019 15:54

Tgt Ion: 117 Resp: 84785

Ion Ratio Lower Upper

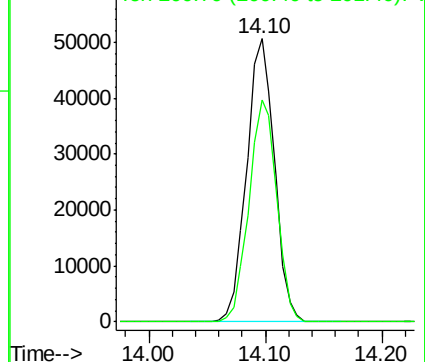
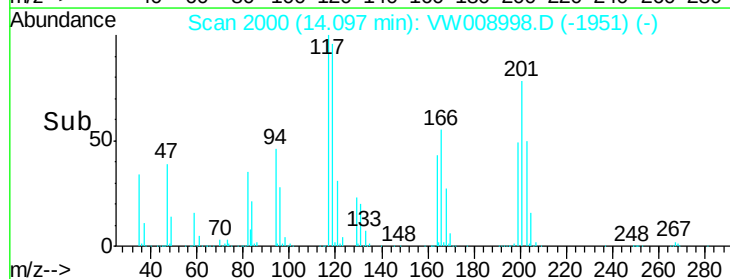
117 100

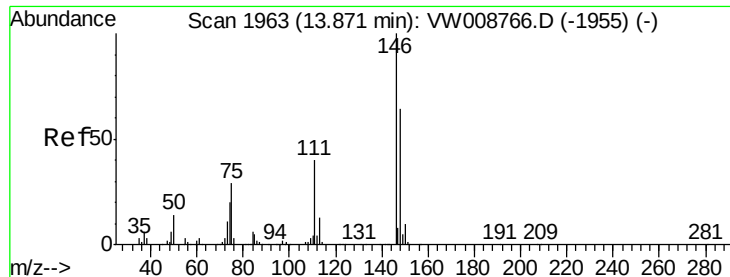
201 78.2 40.3 120.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

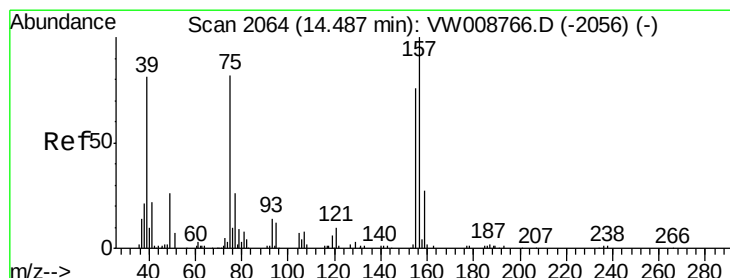
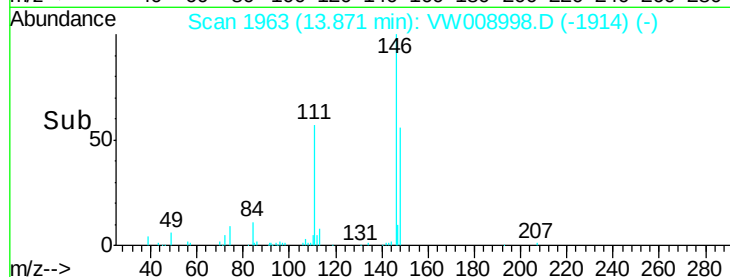
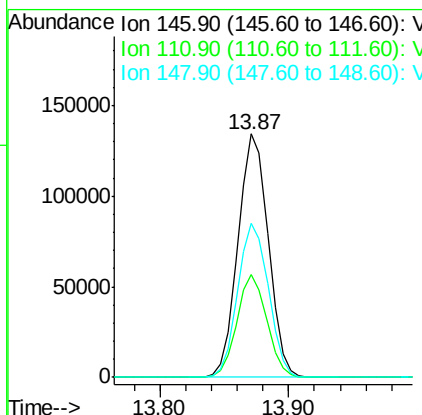
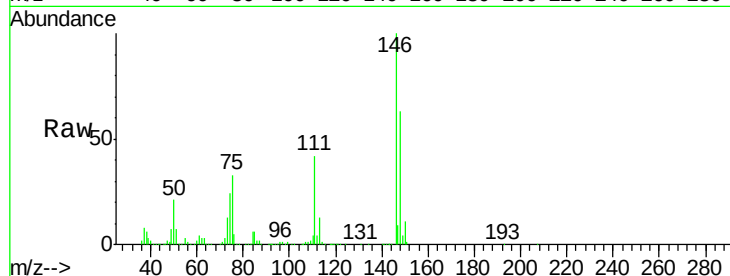




#91
 1,2-Dichlorobenzene
 Concen: 53.399 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

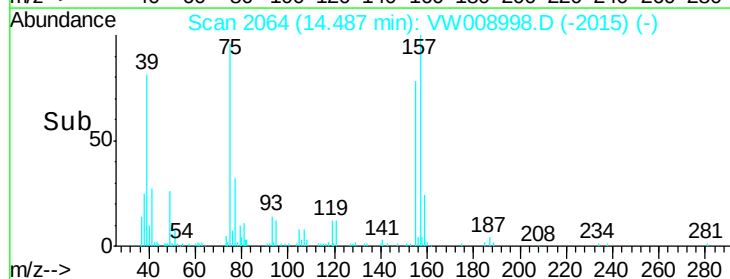
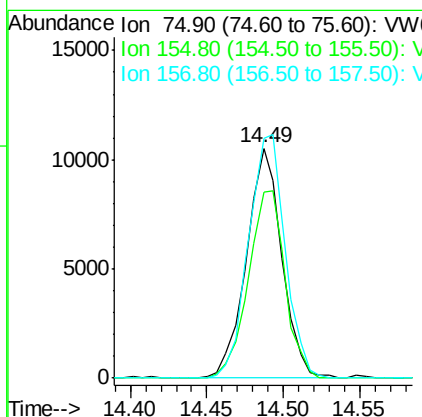
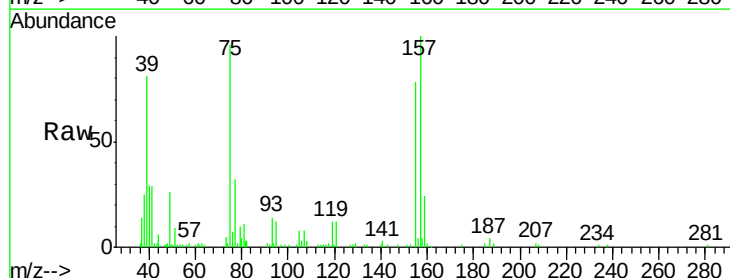
Instrument :
 MSVOA_W
 ClientSampleId :

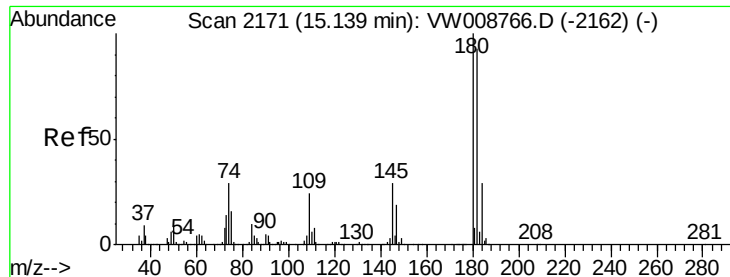
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	60.8
148	64.2	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.220 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	41.8	125.4
157	109.9	56.6	169.9

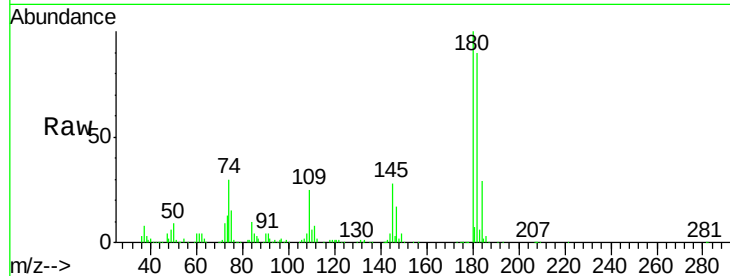




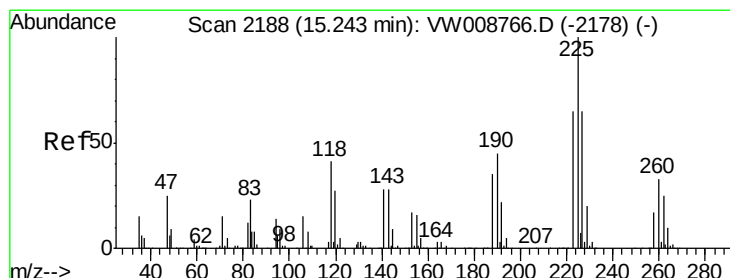
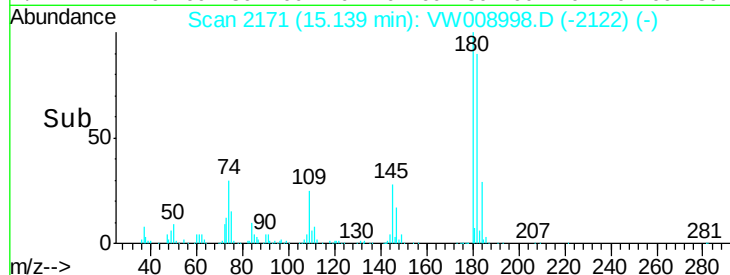
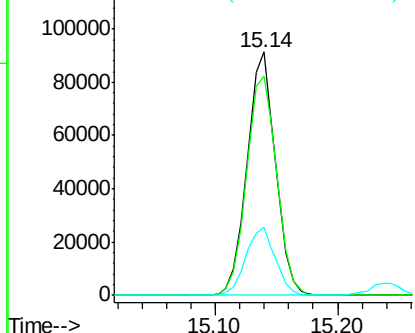
#93
 1,2,4-Trichlorobenzene
 Concen: 50.112 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 147639
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.2 141.6
 145 29.0 14.4 43.0

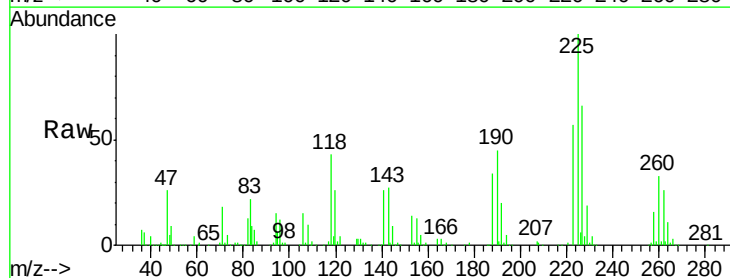


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

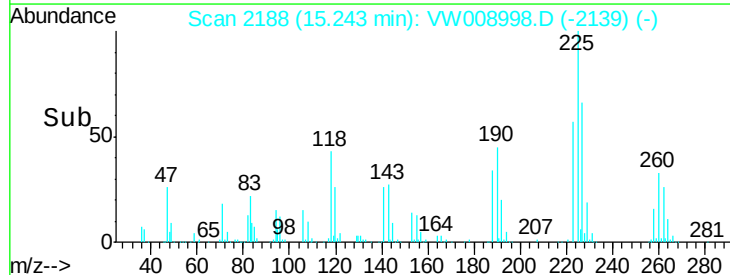
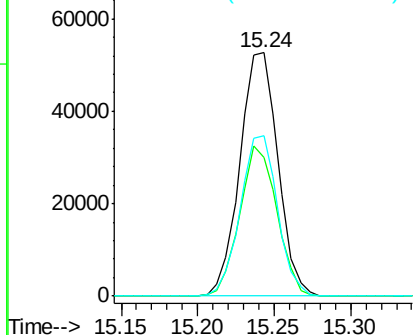


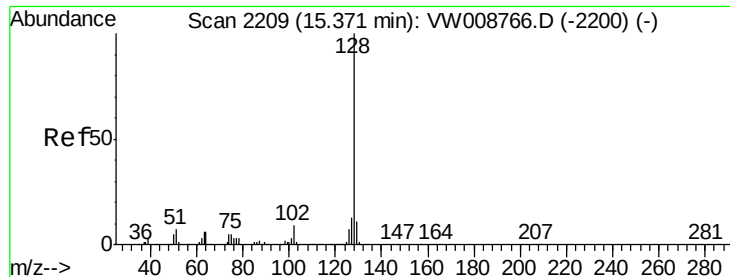
#94
 Hexachlorobutadiene
 Concen: 52.603 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008998.D
 Acq: 05 Mar 2019 15:54

Tgt Ion:225 Resp: 91288
 Ion Ratio Lower Upper
 225 100
 223 60.2 31.5 94.5
 227 64.3 31.6 94.8



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

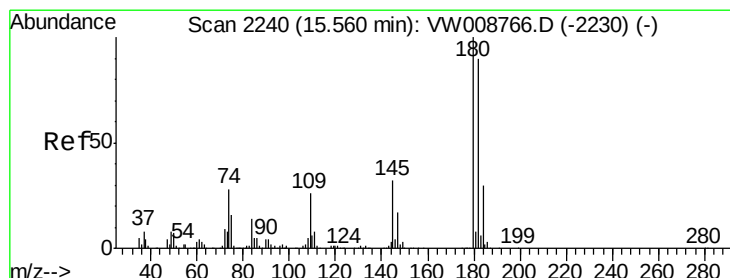
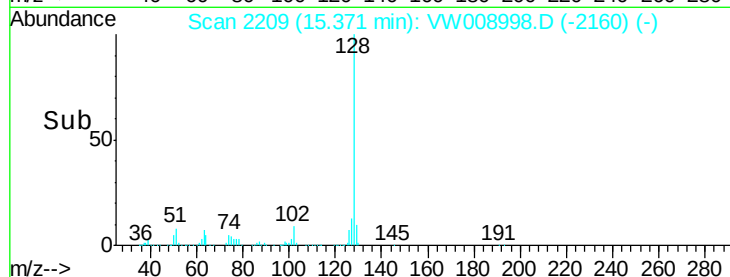
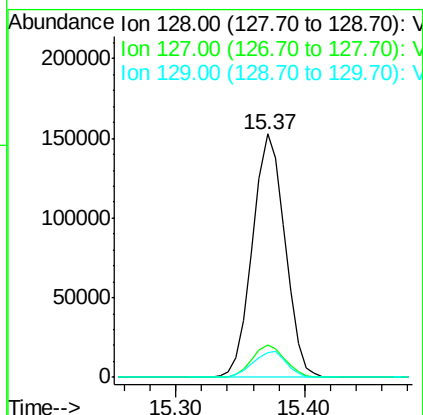
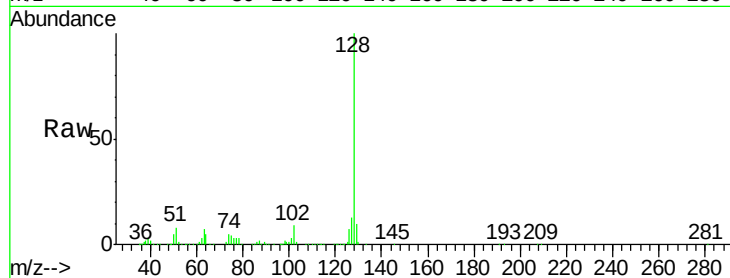




#95
Naphthalene
Concen: 52.921 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 265463
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.490 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008998.D
Acq: 05 Mar 2019 15:54

Tgt Ion:180 Resp: 128615
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.8
145 32.0 15.9 47.6

