

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003630.D
 Acq On : 28 Jun 2018 11:13
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:41:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	338630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132123	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.88	113	121308	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.33	98	486043	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.63	95	177299	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	47315	65.373	ug/l	89
3) Chloromethane	2.21	50	87089	47.623	ug/l	98
4) Vinyl Chloride	2.36	62	124449	46.683	ug/l	99
5) Bromomethane	2.78	94	75386	42.546	ug/l	100
6) Chloroethane	2.92	64	80462	43.361	ug/l	99
7) Trichlorofluoromethane	3.25	101	80931	50.675	ug/l	92
8) Diethyl Ether	3.67	74	54491	46.446	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	112034	50.518	ug/l	99
10) Methyl Iodide	4.26	142	165157	49.243	ug/l	99
11) Tert butyl alcohol	5.26	59	33057	237.700	ug/l #	79
12) 1,1-Dichloroethene	4.03	96	107712	49.702	ug/l	95
13) Acrolein	3.90	56	45235	227.502	ug/l	98
14) Allyl chloride	4.66	41	191242	50.944	ug/l	98
15) Acrylonitrile	5.38	53	121868	252.474	ug/l	100
16) Acetone	4.15	43	144979	266.578	ug/l	94
17) Carbon Disulfide	4.37	76	305746	47.720	ug/l	99
18) Methyl Acetate	4.68	43	67497	52.316	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	206440	50.859	ug/l	98
20) Methylene Chloride	4.91	84	117084	50.734	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	118069	50.059	ug/l	96
22) Diisopropyl ether	6.31	45	397094	52.559	ug/l	99
23) Vinyl Acetate	6.26	43	1109788	254.903	ug/l	99
24) 1,1-Dichloroethane	6.21	63	230307	51.349	ug/l	98
25) 2-Butanone	7.18	43	177400	262.323	ug/l	99
26) 2,2-Dichloropropane	7.17	77	150134	50.156	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	132487	51.134	ug/l	98
28) Bromochloromethane	7.51	49	102905	55.135	ug/l	98
29) Tetrahydrofuran	7.54	42	102813	248.755	ug/l	99
30) Chloroform	7.68	83	237437	51.962	ug/l	99
31) Cyclohexane	7.96	56	200539	47.859	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	192522	51.044	ug/l	99
36) 1,1-Dichloropropene	8.09	75	185470	52.458	ug/l	99
37) Ethyl Acetate	7.26	43	71548	48.848	ug/l	98
38) Carbon Tetrachloride	8.07	117	181514	52.339	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)
39) Methylcyclohexane	9.34	83	213689	52.235	ug/l	98
40) Benzene	8.32	78	515190	52.864	ug/l	99
41) Methacrylonitrile	7.49	41	45999	51.177	ug/l	100
42) 1,2-Dichloroethane	8.40	62	155231	50.840	ug/l	99
43) Isopropyl Acetate	8.43	43	143090	49.199	ug/l	99
44) Trichloroethene	9.09	130	132845	51.443	ug/l	96
45) 1,2-Dichloropropane	9.37	63	133029	53.611	ug/l	99
46) Dibromomethane	9.46	93	65134	51.270	ug/l	97
47) Bromodichloromethane	9.65	83	172202	52.881	ug/l	100
48) Methyl methacrylate	9.44	41	71614	52.396	ug/l	97
49) 1,4-Dioxane	9.50	88	19466	1014.818	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	377951	255.032	ug/l	99
52) Toluene	10.39	92	328982	52.641	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	174490	52.455	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	200754	53.025	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	91799	51.279	ug/l	98
56) Ethyl methacrylate	10.65	69	113684	52.296	ug/l	97
57) 1,3-Dichloropropane	10.94	76	160037	51.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	258740	265.509	ug/l	98
59) 2-Hexanone	10.98	43	281769	272.165	ug/l	100
60) Dibromochloromethane	11.13	129	111730	52.482	ug/l	99
61) 1,2-Dibromoethane	11.24	107	86595	51.138	ug/l	99
64) Tetrachloroethene	10.87	164	113943	50.307	ug/l	98
65) Chlorobenzene	11.66	112	360051	51.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	128324	51.783	ug/l	100
67) Ethyl Benzene	11.74	91	658989	52.719	ug/l	99
68) m/p-Xylenes	11.85	106	501079	105.452	ug/l	99
69) o-Xylene	12.17	106	233768	53.084	ug/l	100
70) Styrene	12.19	104	394302	53.793	ug/l	100
71) Bromoform	12.35	173	65507	51.006	ug/l #	99
73) Isopropylbenzene	12.47	105	662669	53.087	ug/l	99
74) N-amyl acetate	12.28	43	140347	49.397	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	108435	51.347	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	146383	95.412	ug/l #	100
77) Bromobenzene	12.76	156	146165	50.279	ug/l	96
78) n-propylbenzene	12.81	91	825335	53.997	ug/l	100
79) 2-Chlorotoluene	12.90	91	456104	52.804	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	561601	53.600	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35210	52.808	ug/l	99
82) 4-Chlorotoluene	13.00	91	482135	52.617	ug/l	100
83) tert-Butylbenzene	13.21	119	491205	55.011	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	576816	53.518	ug/l	100
85) sec-Butylbenzene	13.40	105	712519	53.684	ug/l	99
86) p-Isopropyltoluene	13.51	119	626015	53.477	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	307426	51.478	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	302625	50.972	ug/l	99
89) n-Butylbenzene	13.83	91	615899	53.976	ug/l	100
90) Hexachloroethane	14.10	117	111577	52.690	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	270104	51.633	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17566	49.428	ug/l	98

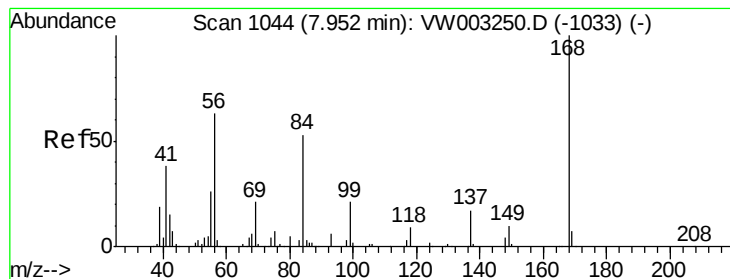
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	190810	51.958	ug/l	99
94) Hexachlorobutadiene	15.25	225	112635	50.988	ug/l	98
95) Naphthalene	15.38	128	321151	51.553	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	165313	51.141	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

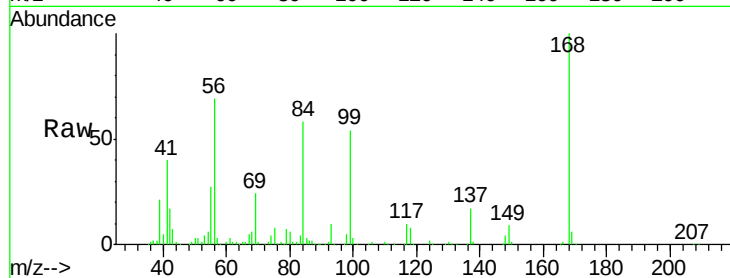
ClientSampleId :

Tot Ion:168 Resp: 239403

Ion Ratio Lower Upper

168 100

99 54.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

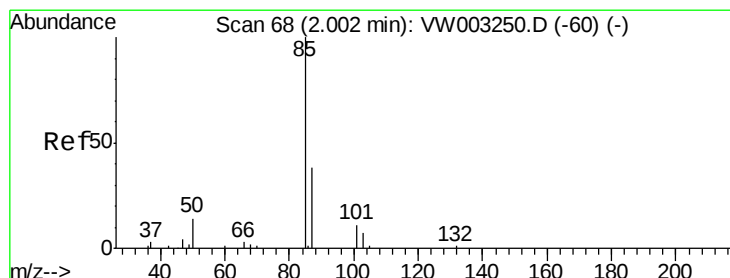
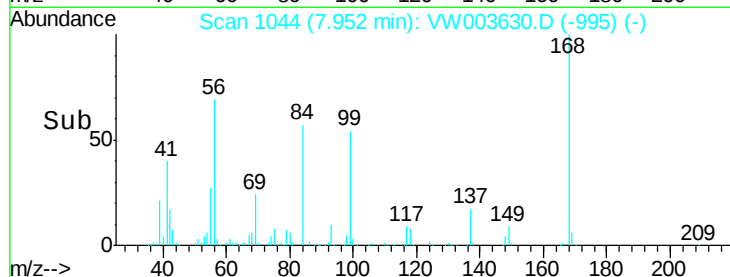
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 65.373 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003630.D

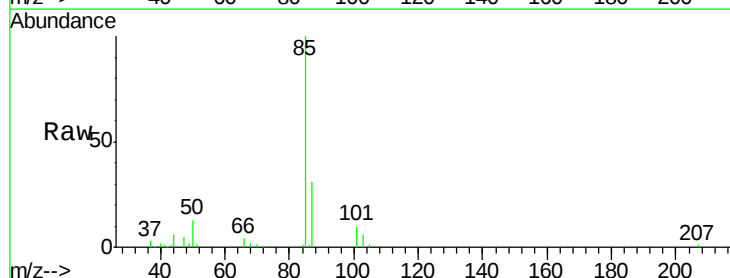
Acq: 28 Jun 2018 11:13

Tgt Ion: 85 Resp: 47315

Ion Ratio Lower Upper

85 100

87 31.1 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

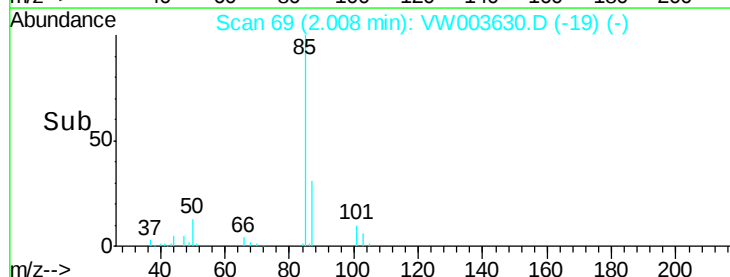
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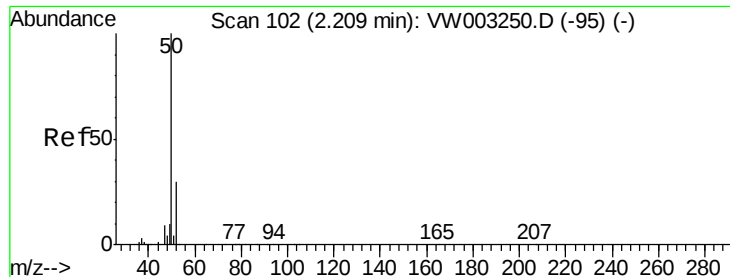
10000

5000

0

Time-->





#3

Chloromethane

Concen: 47.623 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

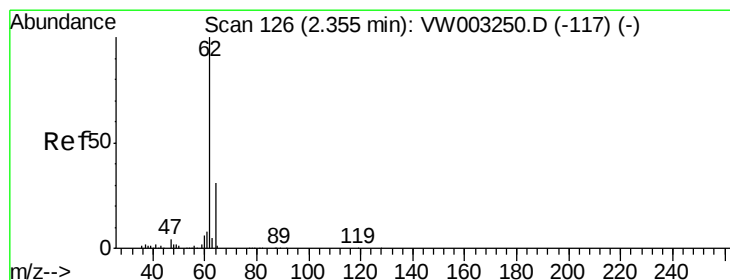
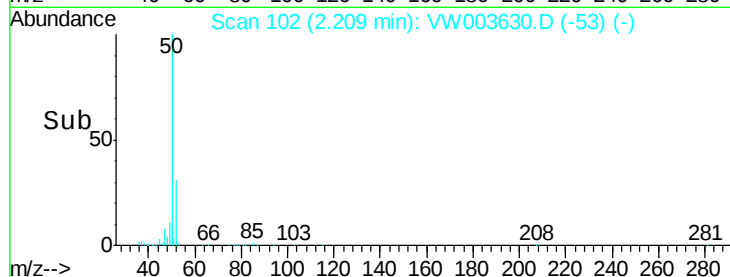
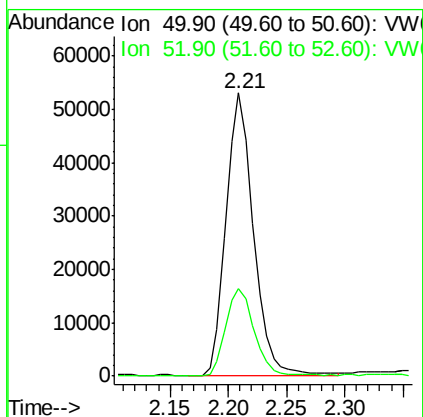
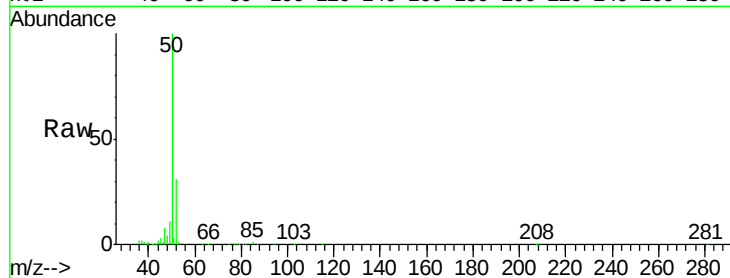
ClientSampleId :

Tot Ion: 50 Resp: 87089

Ion Ratio Lower Upper

50 100

52 31.1 24.2 36.2



#4

Vinyl Chloride

Concen: 46.683 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003630.D

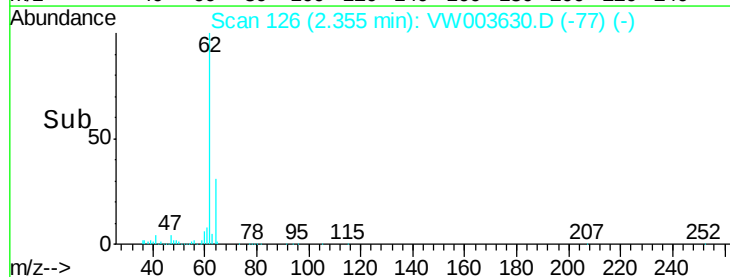
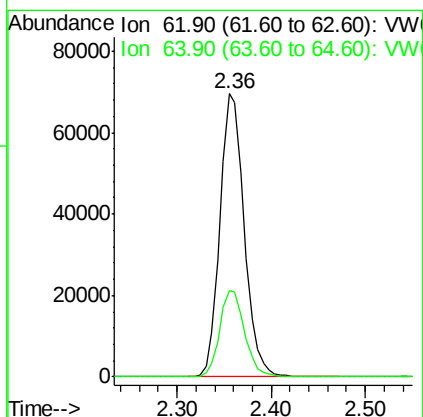
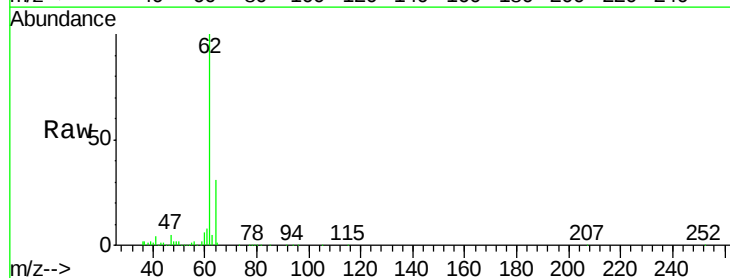
Acq: 28 Jun 2018 11:13

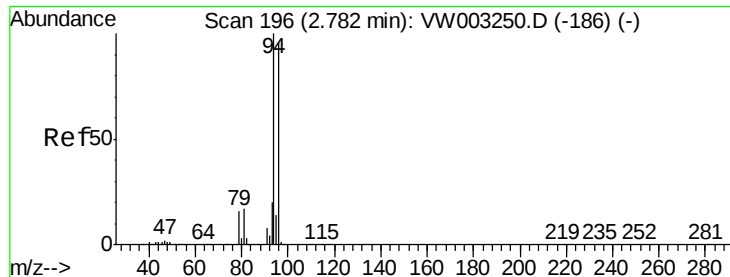
Tgt Ion: 62 Resp: 124449

Ion Ratio Lower Upper

62 100

64 30.5 24.9 37.3





#5

Bromomethane

Concen: 42.546 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

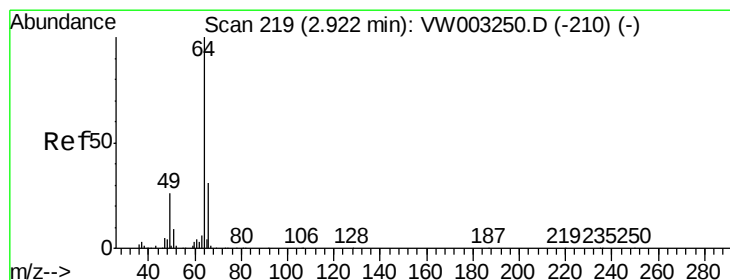
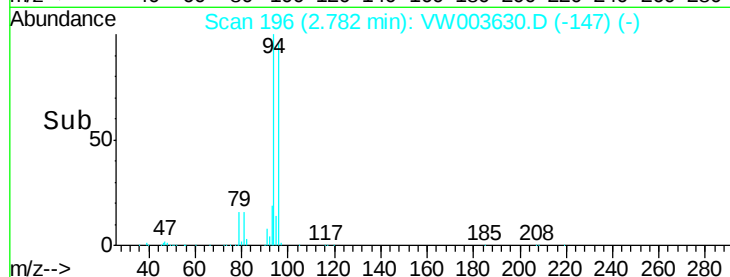
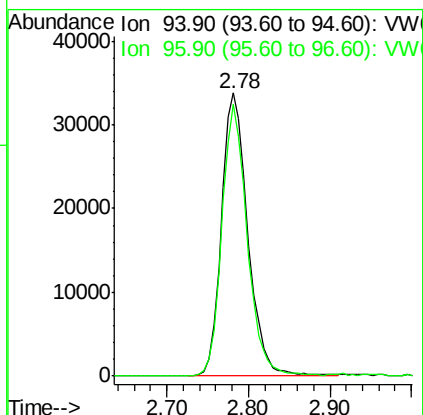
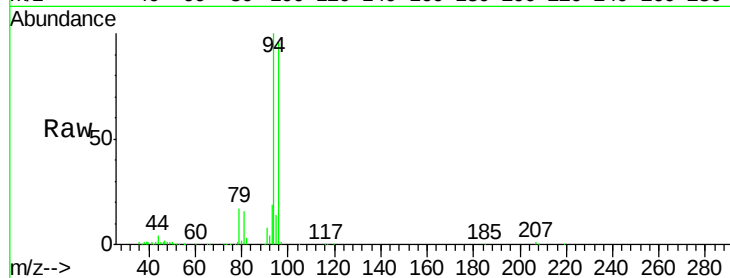
ClientSampleId :

Tot Ion: 94 Resp: 75386

Ion Ratio Lower Upper

94 100

96 95.7 76.5 114.7



#6

Chloroethane

Concen: 43.361 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW003630.D

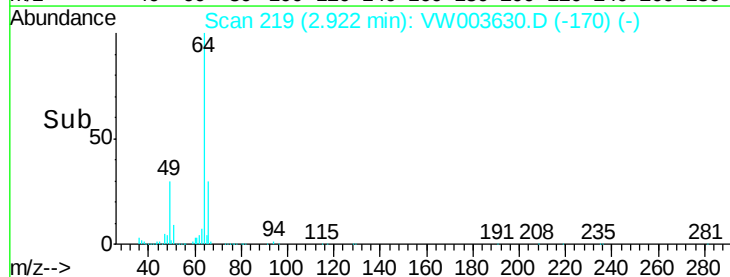
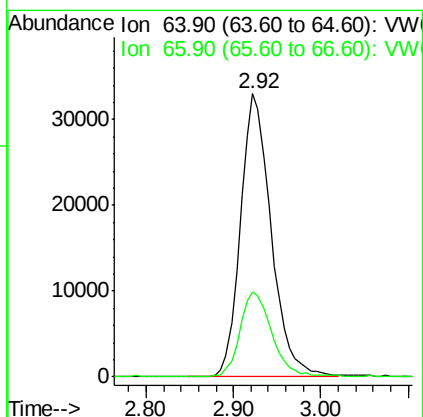
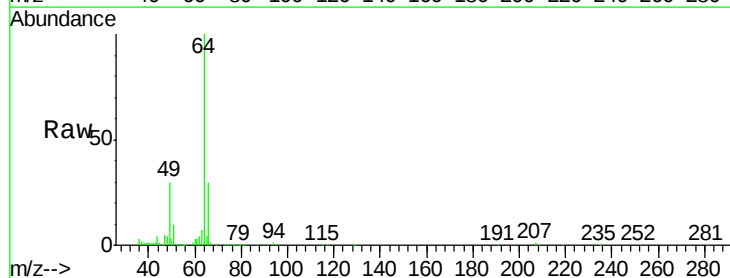
Acq: 28 Jun 2018 11:13

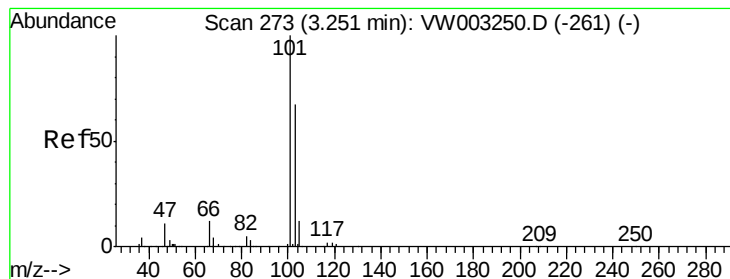
Tgt Ion: 64 Resp: 80462

Ion Ratio Lower Upper

64 100

66 29.7 24.4 36.6



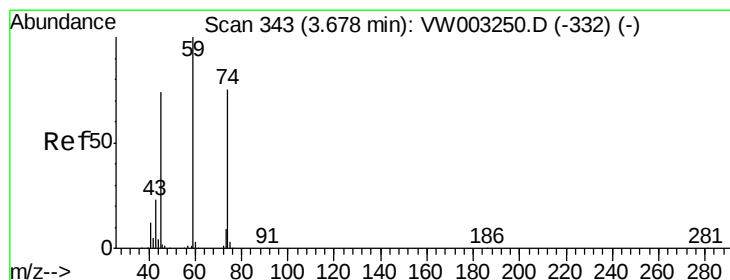
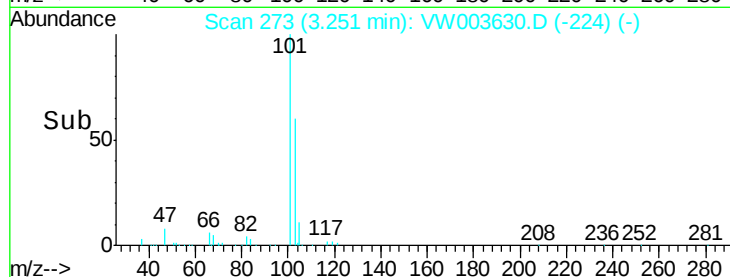
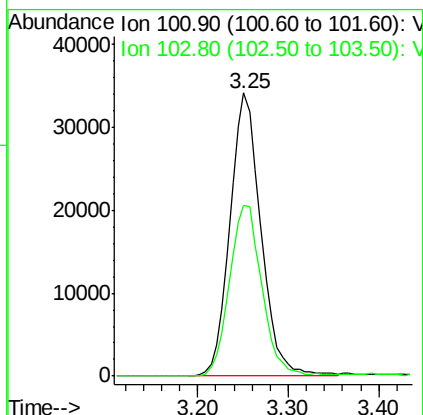
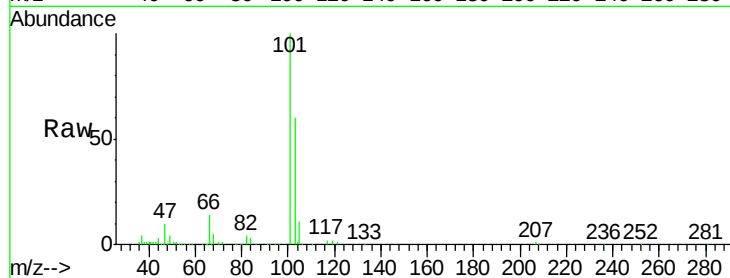


#7

Trichlorofluoromethane
Concen: 50.675 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :

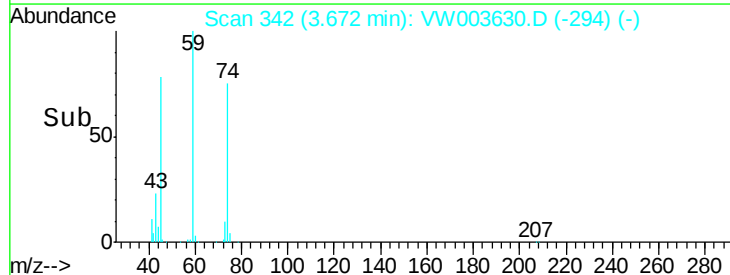
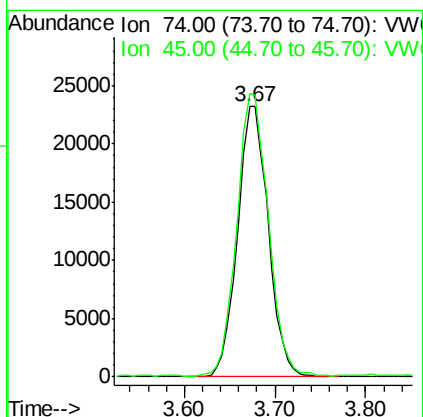
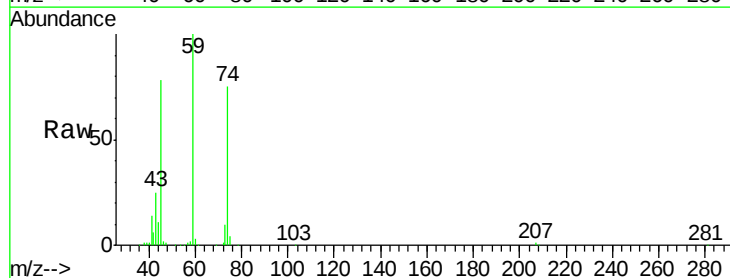
Tot Ion:101 Resp: 80931
Ion Ratio Lower Upper
101 100
103 60.3 53.4 80.0

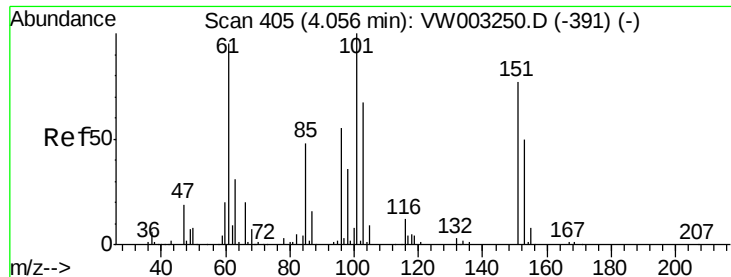


#8

Diethyl Ether
Concen: 46.446 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 74 Resp: 54491
Ion Ratio Lower Upper
74 100
45 107.1 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.518 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampled :

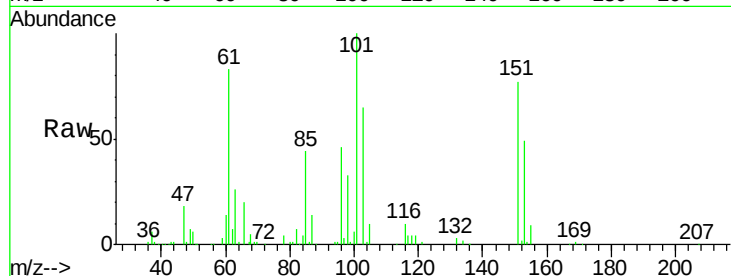
Tot Ion:101 Resp: 112034

Ion Ratio Lower Upper

101 100

85 45.5 37.0 55.6

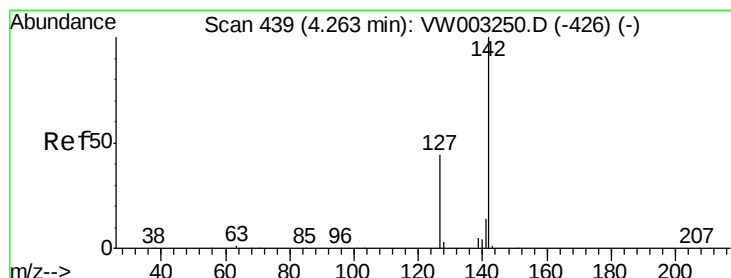
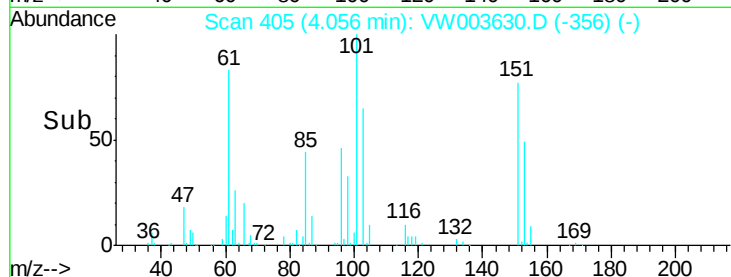
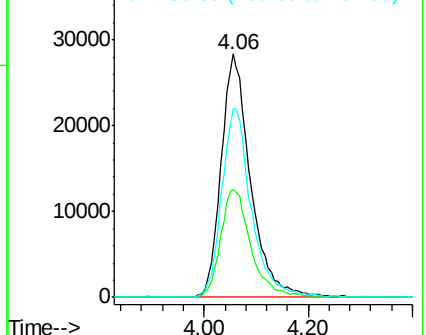
151 78.1 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.243 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

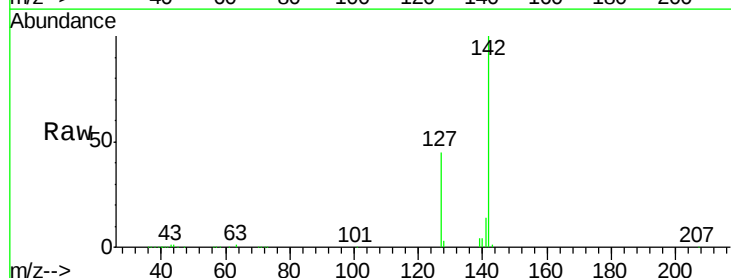
Tgt Ion:142 Resp: 165157

Ion Ratio Lower Upper

142 100

127 45.1 36.5 54.7

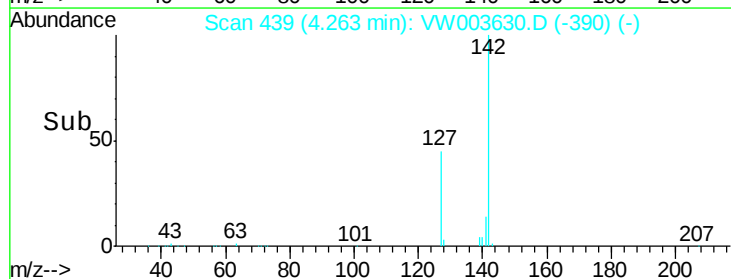
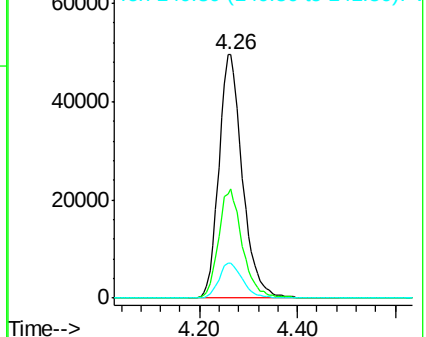
141 14.6 12.1 18.1

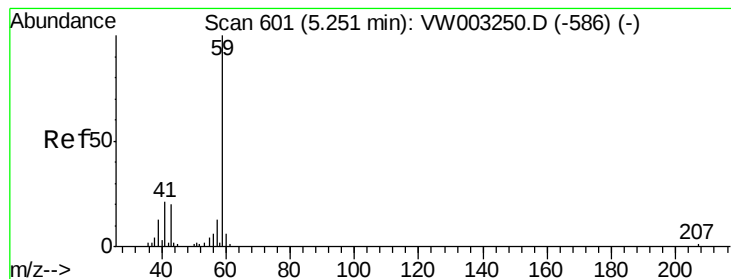


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



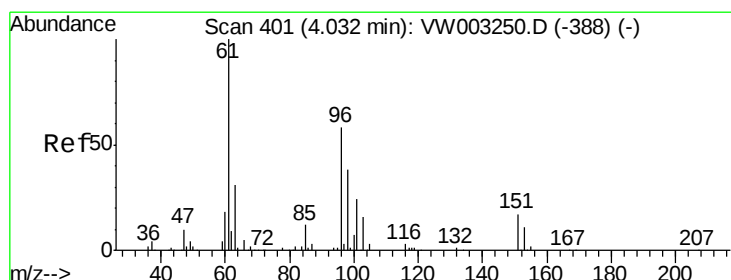
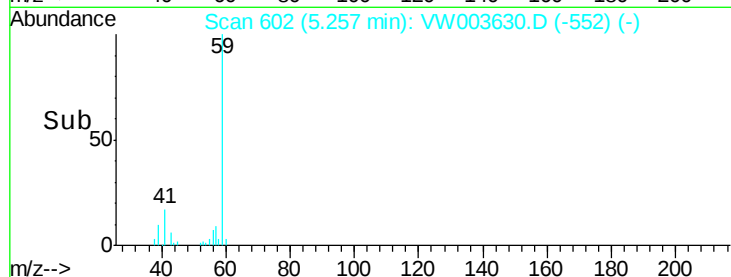
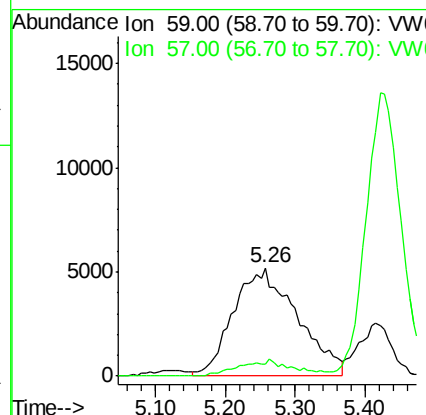
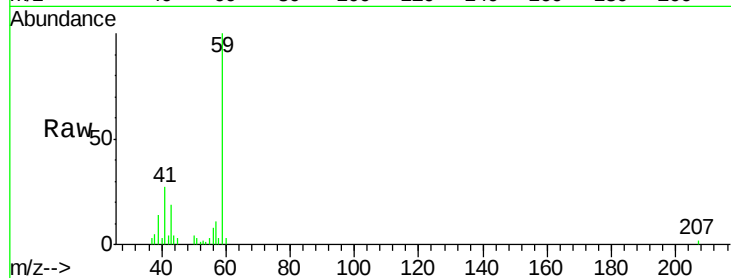


#11

Tert butyl alcohol
Concen: 237.700 ug/l
RT: 5.26 min Scan# 602
Delta R.T. 0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampled :

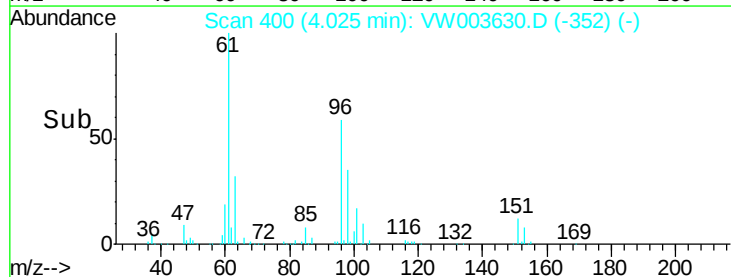
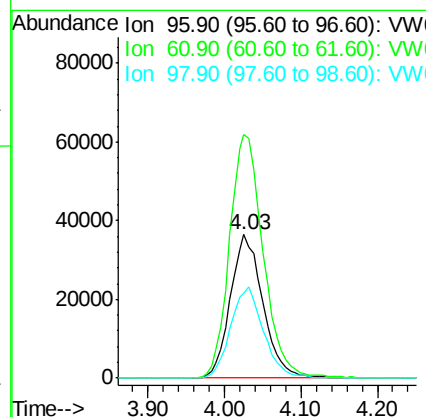
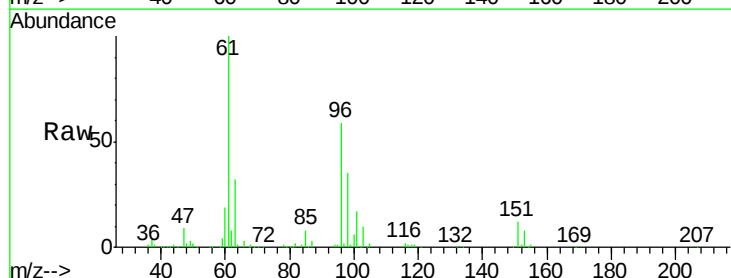
Tot Ion: 59 Resp: 33057
Ion Ratio Lower Upper
59 100
57 12.3 4.2 6.2#

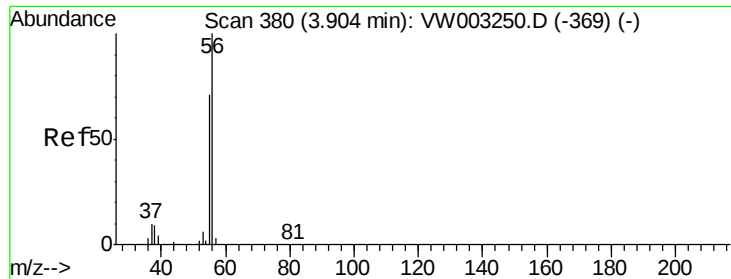


#12

1,1-Dichloroethene
Concen: 49.702 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 96 Resp: 107712
Ion Ratio Lower Upper
96 100
61 169.6 139.0 208.4
98 59.3 53.3 79.9





#13

Acrolein

Concen: 227.502 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

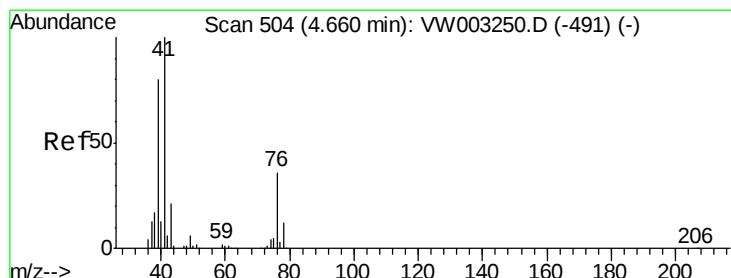
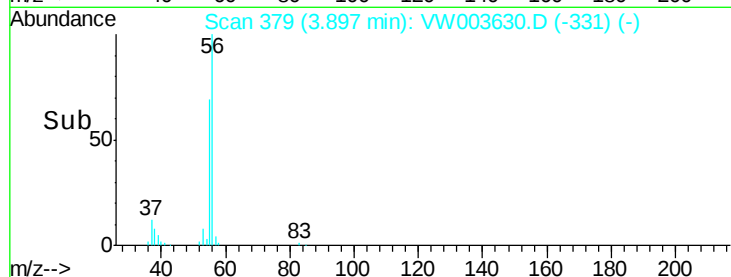
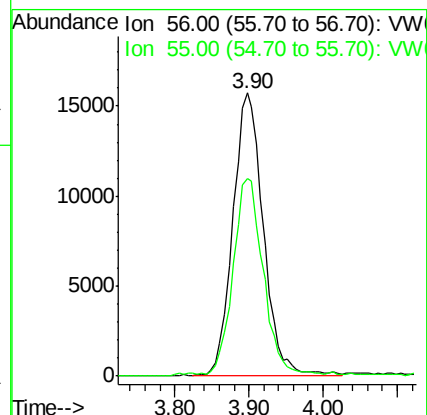
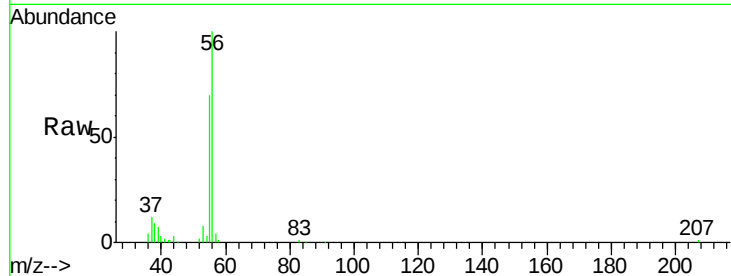
ClientSampleId :

Tot Ion: 56 Resp: 45235

Ion Ratio Lower Upper

56 100

55 68.1 55.4 83.2



#14

Allyl chloride

Concen: 50.944 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

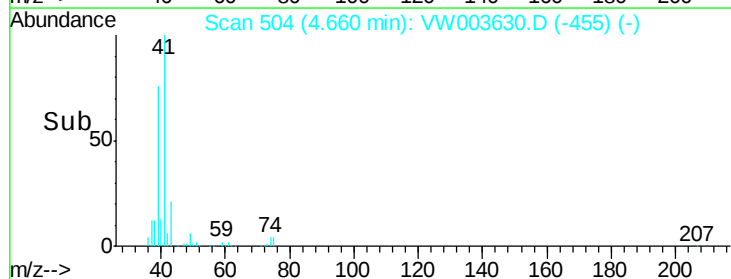
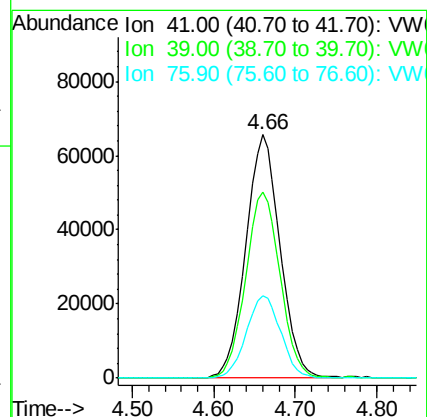
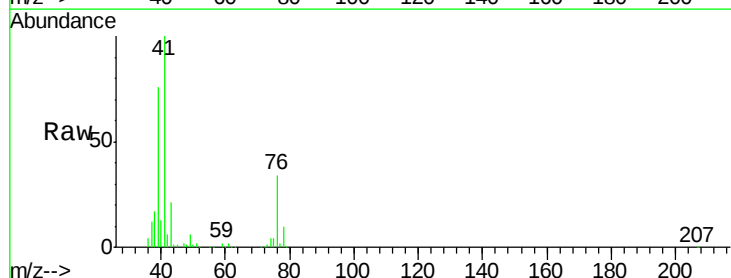
Tgt Ion: 41 Resp: 191242

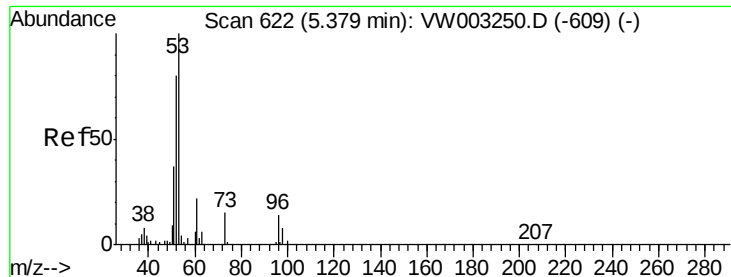
Ion Ratio Lower Upper

41 100

39 76.7 63.2 94.8

76 34.2 28.0 42.0





#15

Acrylonitrile

Concen: 252.474 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

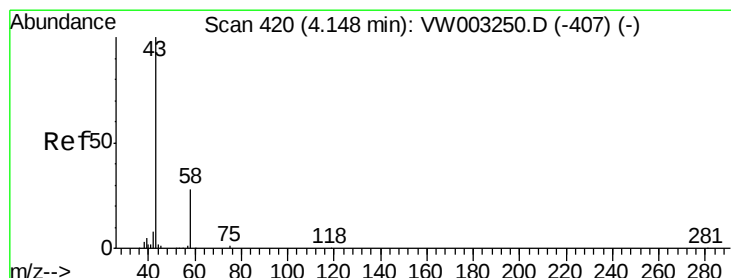
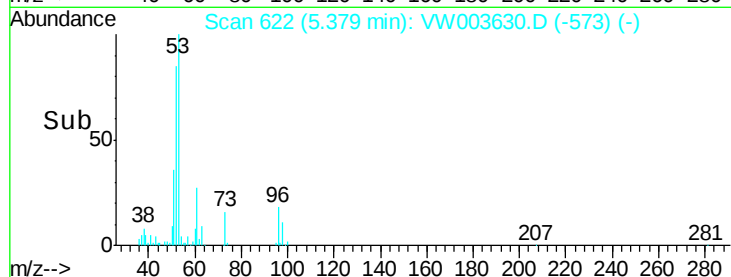
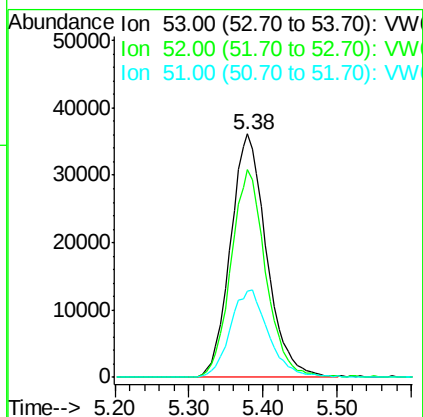
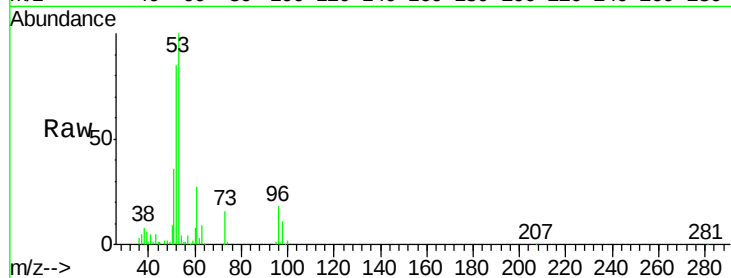
Tot Ion: 53 Resp: 121868

Ion Ratio Lower Upper

53 100

52 82.7 66.6 100.0

51 38.4 30.6 46.0



#16

Acetone

Concen: 266.578 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW003630.D

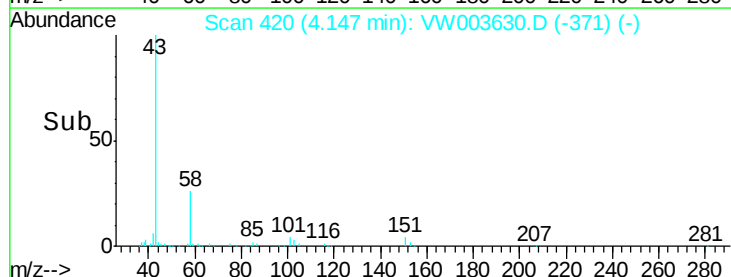
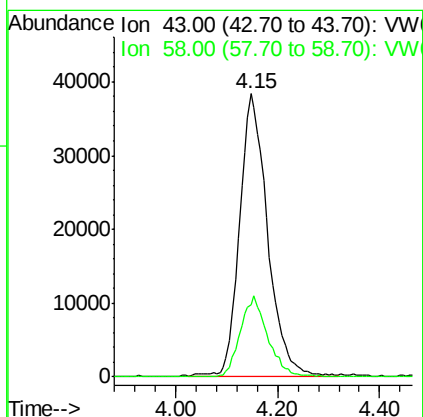
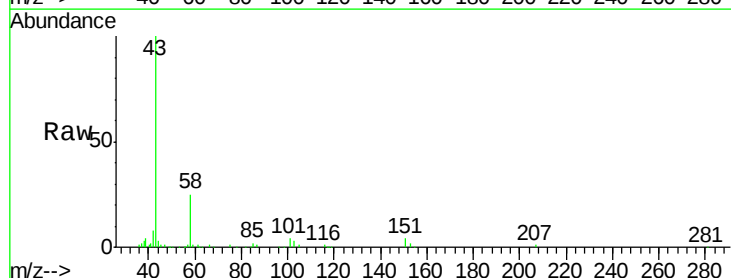
Acq: 28 Jun 2018 11:13

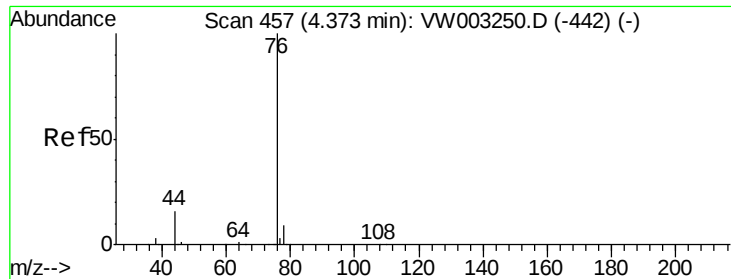
Tgt Ion: 43 Resp: 144979

Ion Ratio Lower Upper

43 100

58 25.3 22.6 34.0





#17

Carbon Disulfide

Concen: 47.720 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

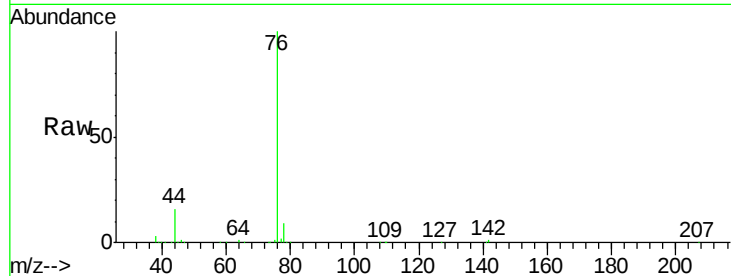
ClientSampled :

Tot Ion: 76 Resp: 305746

Ion Ratio Lower Upper

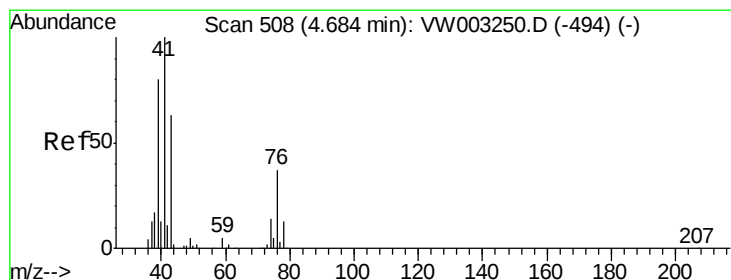
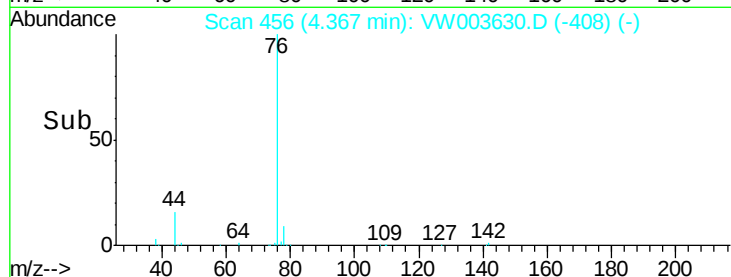
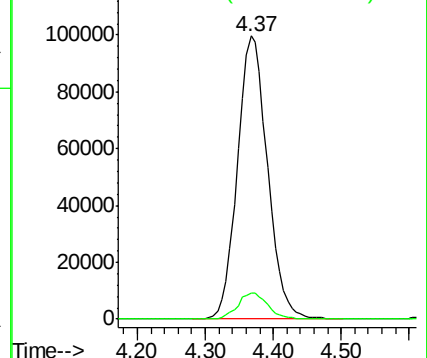
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 52.316 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003630.D

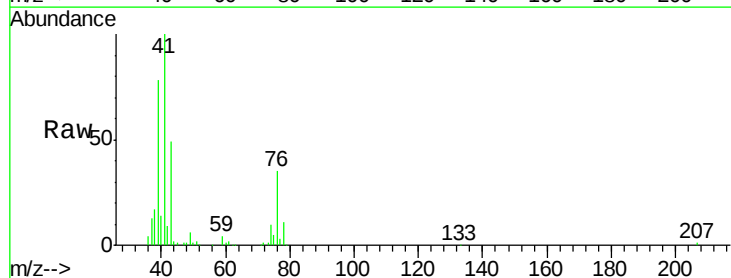
Acq: 28 Jun 2018 11:13

Tgt Ion: 43 Resp: 67497

Ion Ratio Lower Upper

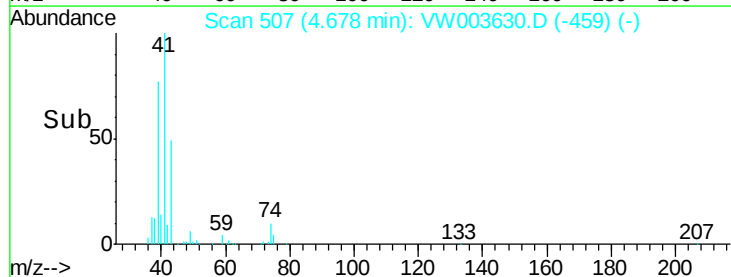
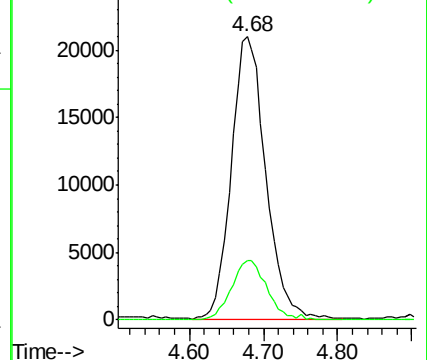
43 100

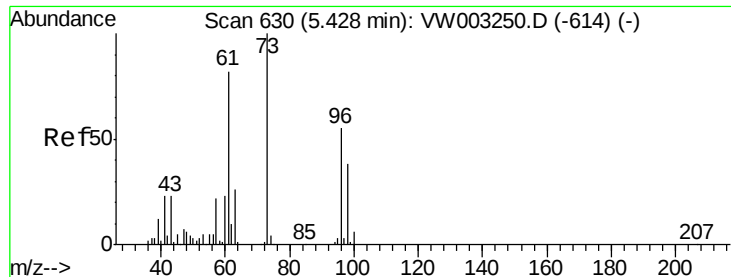
74 21.8 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



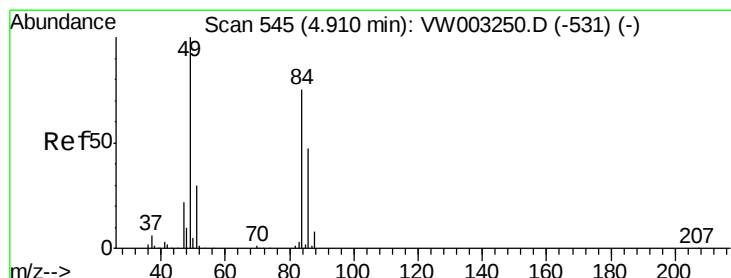
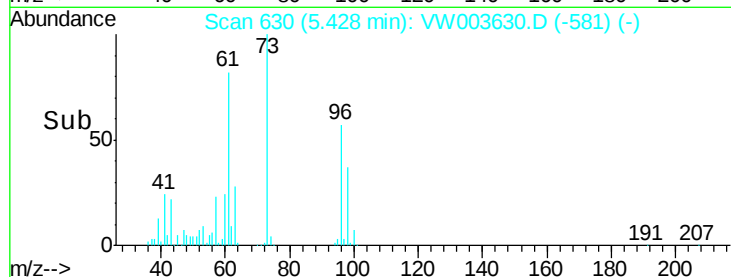
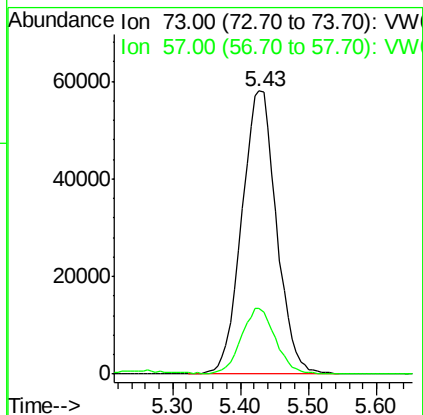
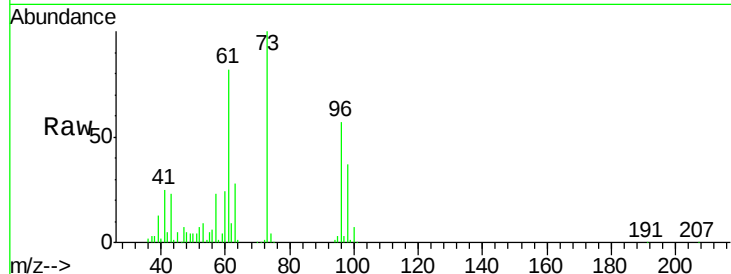


#19

Methyl tert-butyl Ether
 Concen: 50.859 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampled :

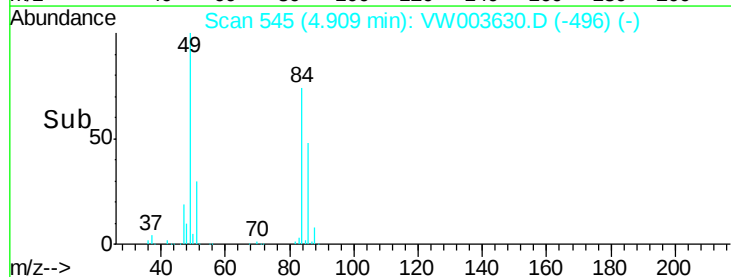
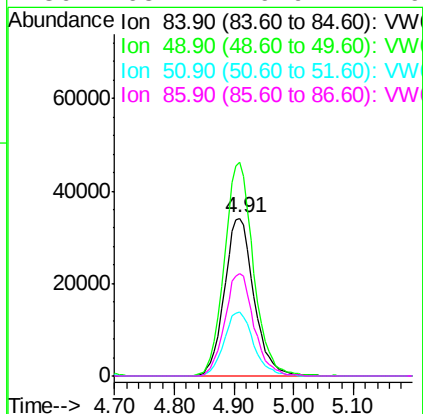
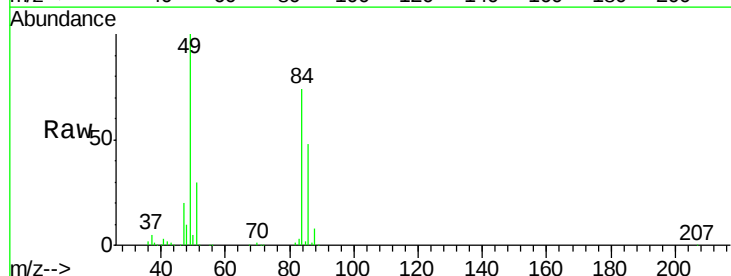
Tot Ion: 73 Resp: 206440
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.0 27.0

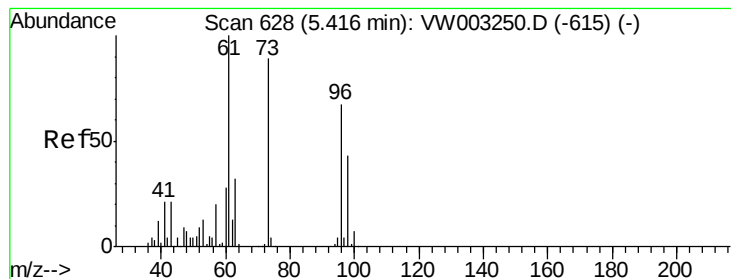


#20

Methylene Chloride
 Concen: 50.734 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion: 84 Resp: 117084
 Ion Ratio Lower Upper
 84 100
 49 135.5 106.3 159.5
 51 40.2 32.0 48.0
 86 65.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.059 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :

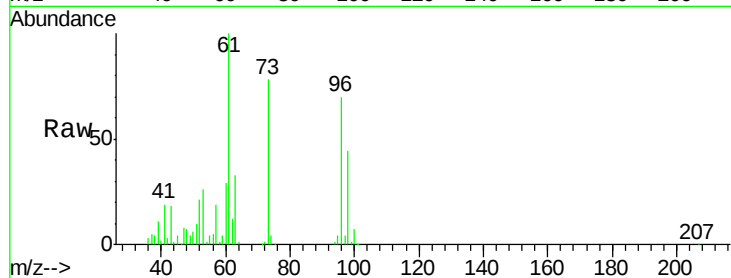
Tot Ion: 96 Resp: 118069

Ion Ratio Lower Upper

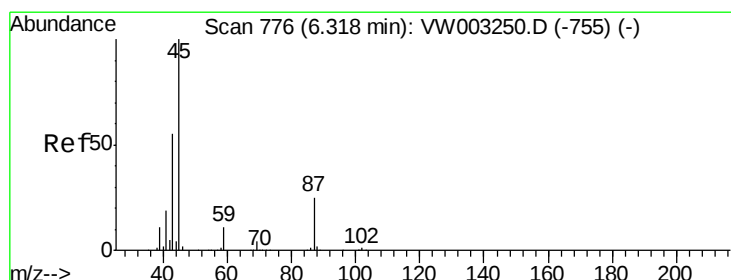
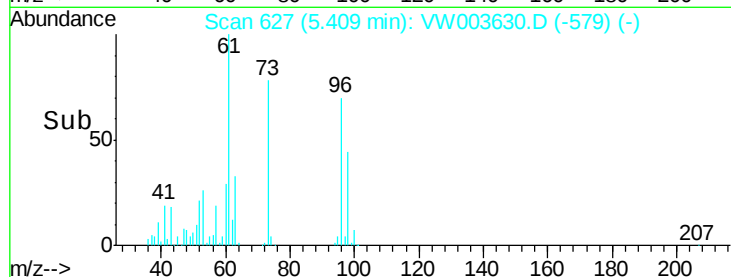
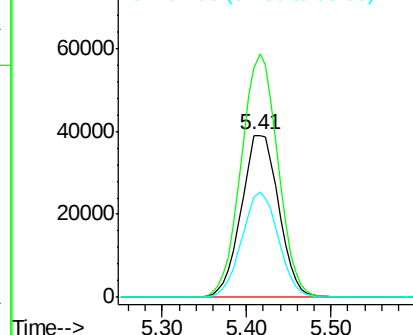
96 100

61 141.7 118.7 178.1

98 61.7 51.0 76.6



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



#22

Diisopropyl ether

Concen: 52.559 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion: 45 Resp: 397094

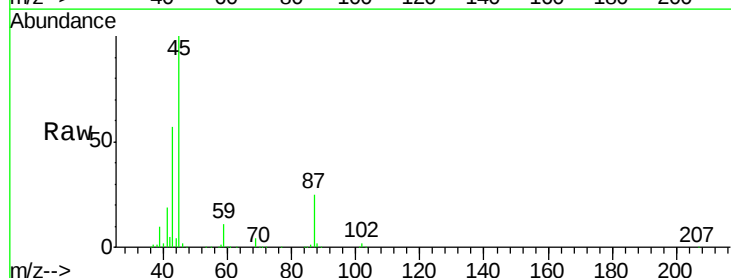
Ion Ratio Lower Upper

45 100

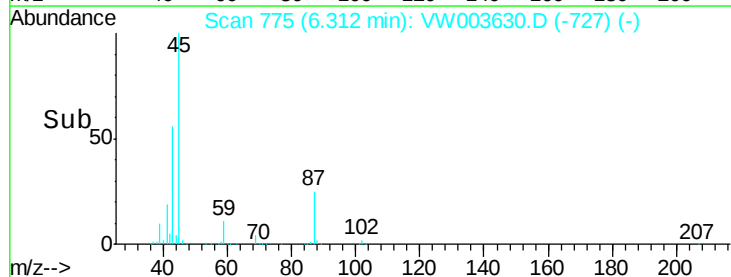
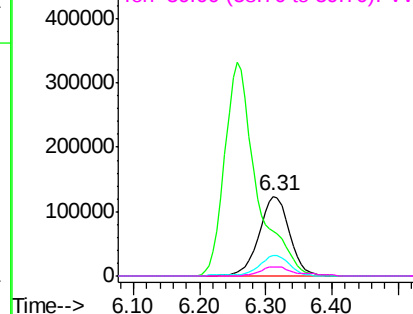
43 56.3 44.0 66.0

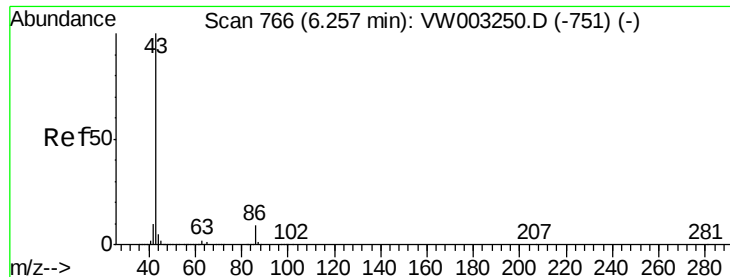
87 25.2 20.6 31.0

59 11.1 8.8 13.2



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: 254.903 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

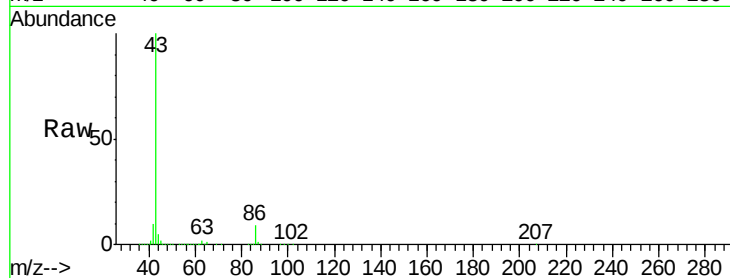
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1109788

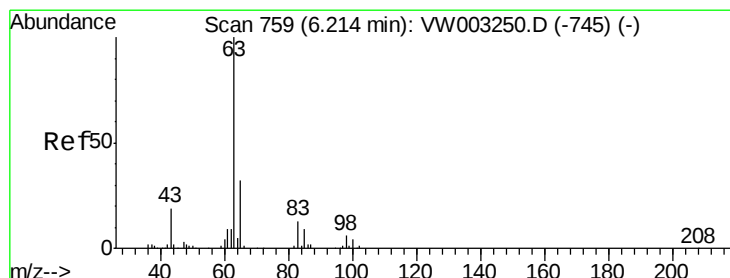
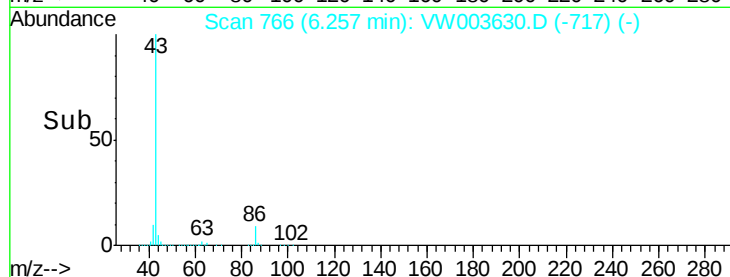
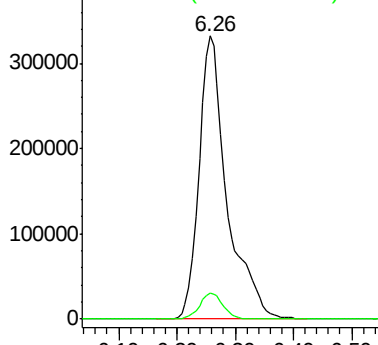
Ion Ratio Lower Upper

43 100

86 9.1 7.5 11.3



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



#24

1,1-Dichloroethane

Concen: 51.349 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

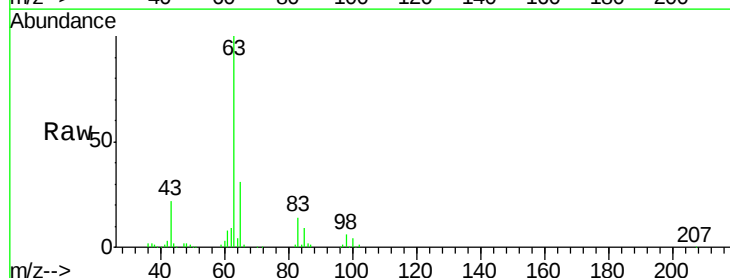
Tgt Ion: 63 Resp: 230307

Ion Ratio Lower Upper

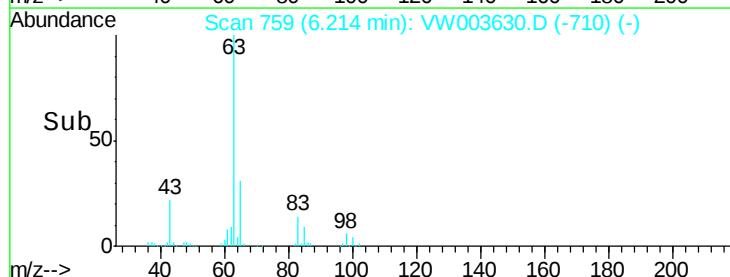
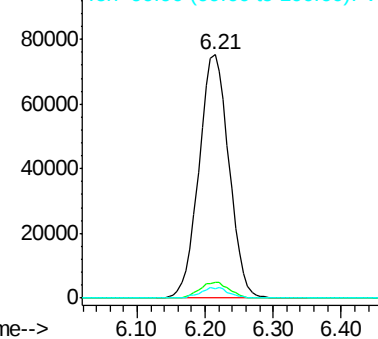
63 100

98 6.3 2.8 8.3

100 4.1 2.1 6.5



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

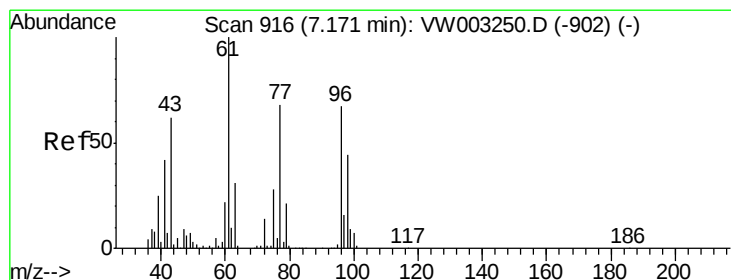
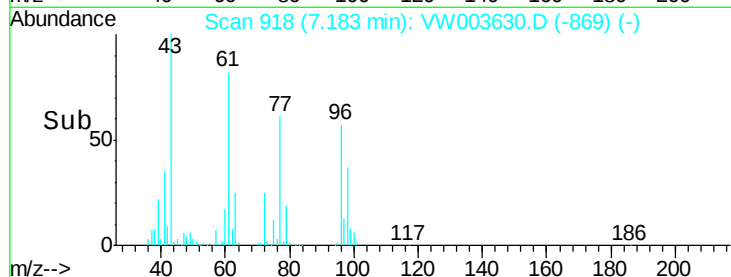
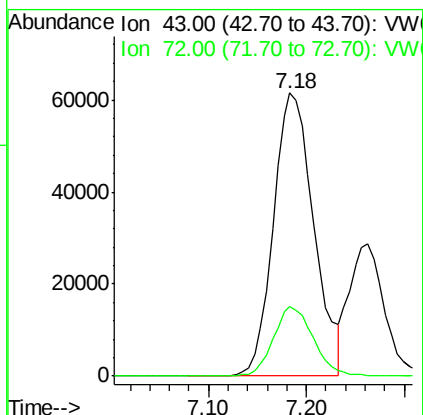
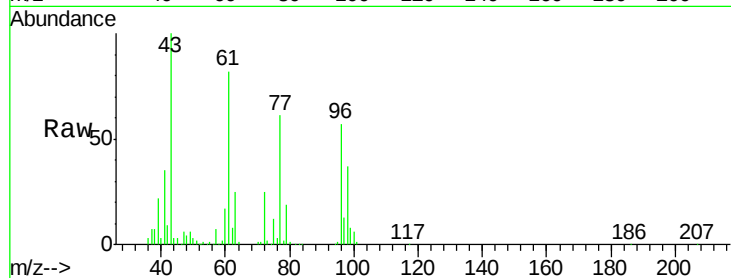




#25
2-Butanone
Concen: 262.323 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

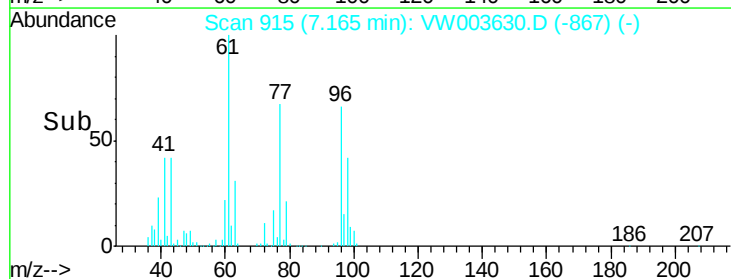
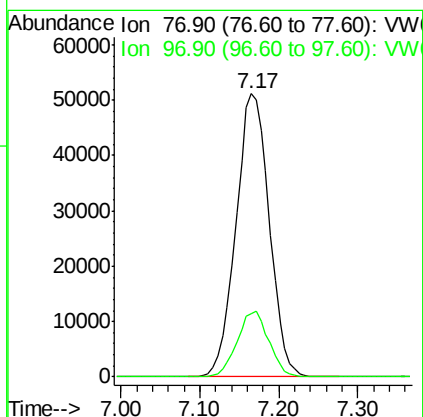
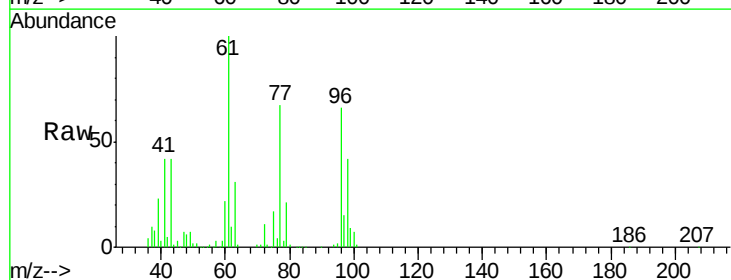
Instrument :
MSVOA_W
ClientSampled :

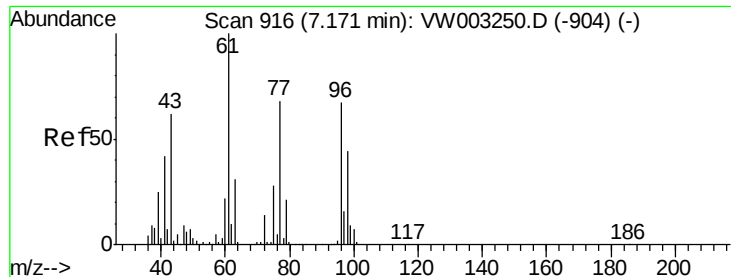
Tot Ion: 43 Resp: 177400
Ion Ratio Lower Upper
43 100
72 24.8 20.3 30.5



#26
2,2-Dichloropropane
Concen: 50.156 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 77 Resp: 150134
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.9



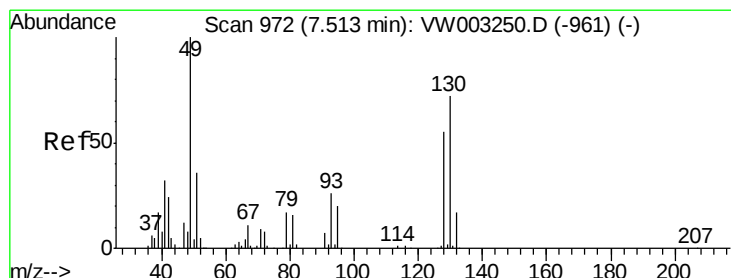
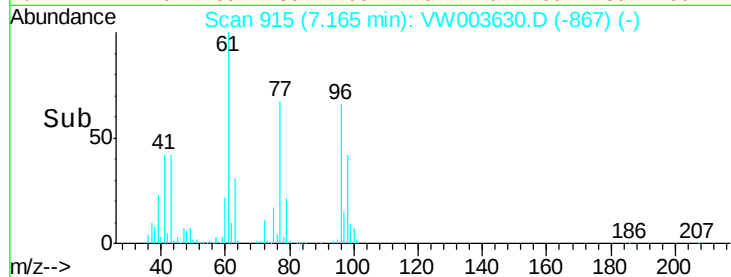
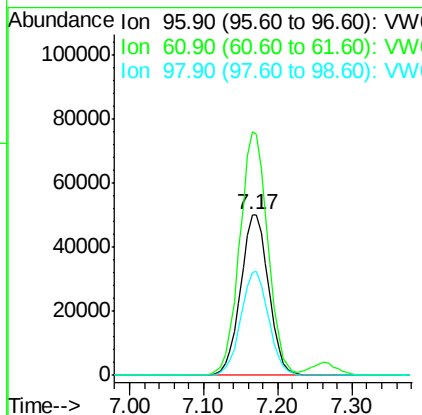
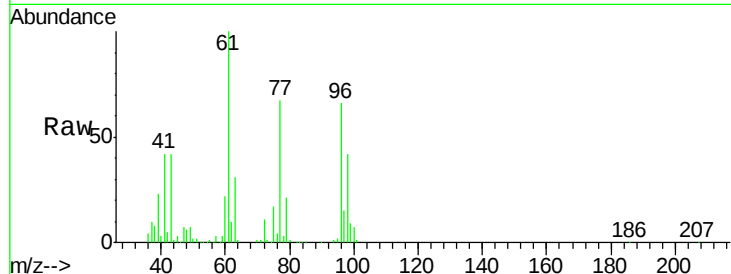


#27

cis-1,2-Dichloroethene
 Concen: 51.134 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampleId :

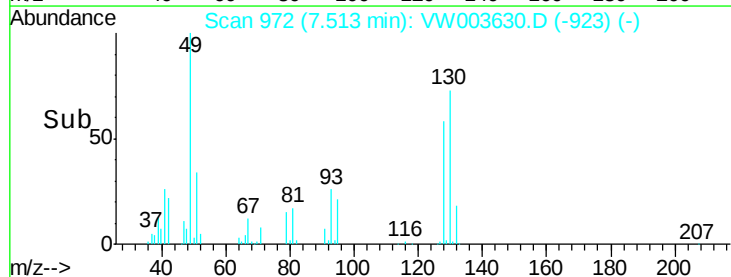
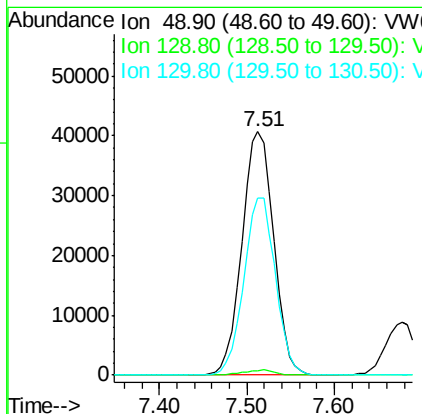
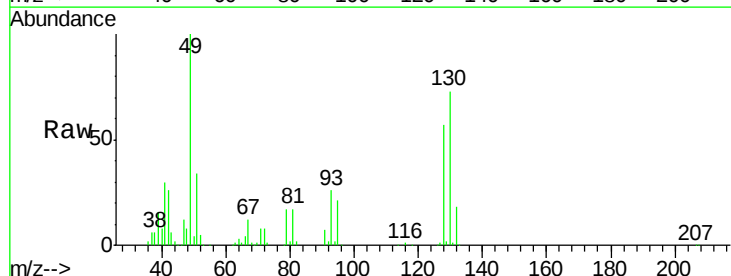
Tot Ion	96	Resp	132487
Ion	Ratio	Lower	Upper
96	100		
61	151.8	0.0	298.8
98	64.0	0.0	130.4

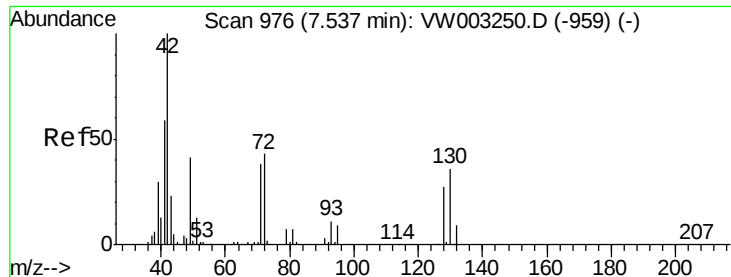


#28

Bromochloromethane
 Concen: 55.135 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	49	Resp	102905
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	72.3	59.4	89.2

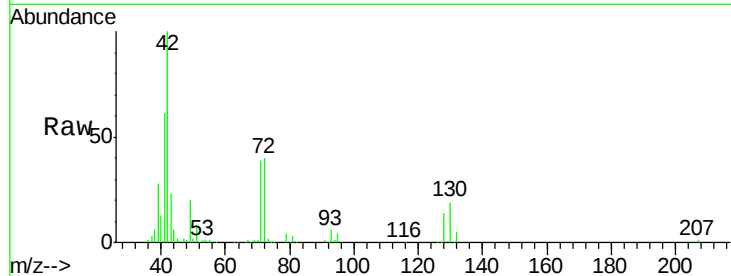




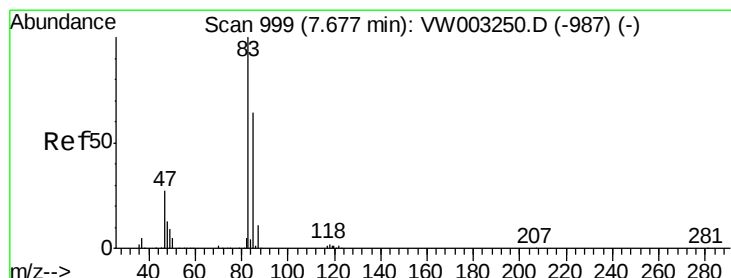
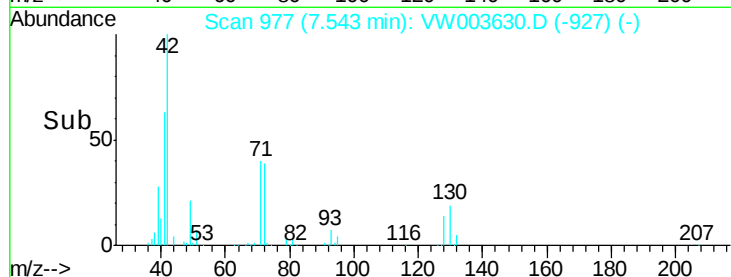
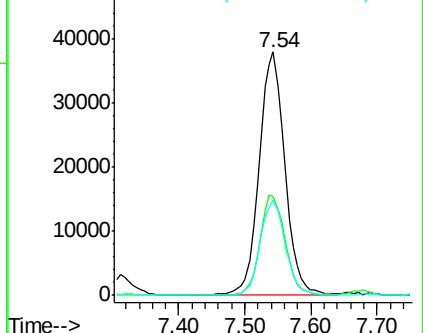
#29
Tetrahydrofuran
Concen: 248.755 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 102813
Ion Ratio Lower Upper
42 100
72 40.2 32.4 48.6
71 37.9 31.2 46.8

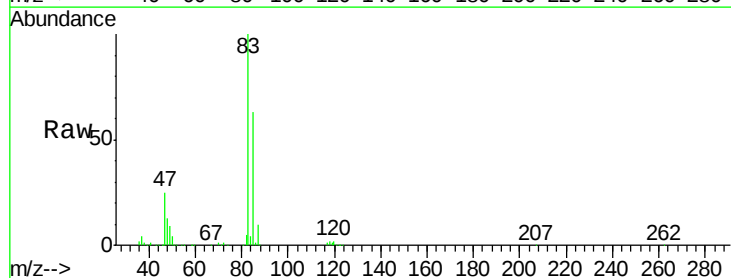


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

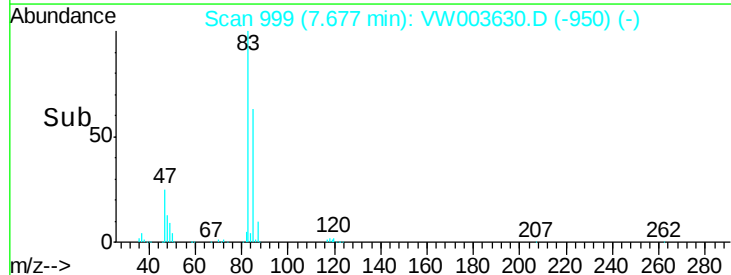
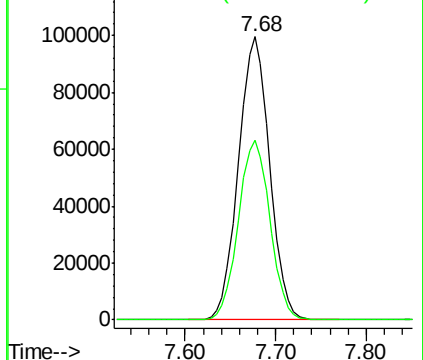


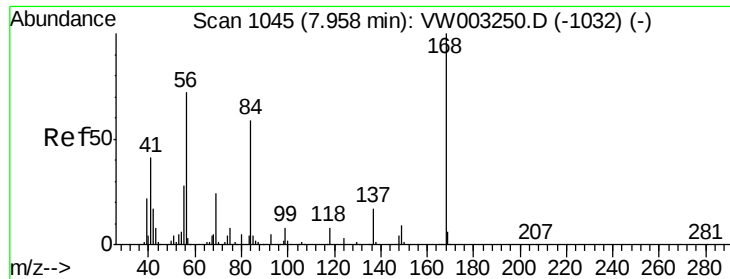
#30
Chloroform
Concen: 51.962 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 83 Resp: 237437
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9



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

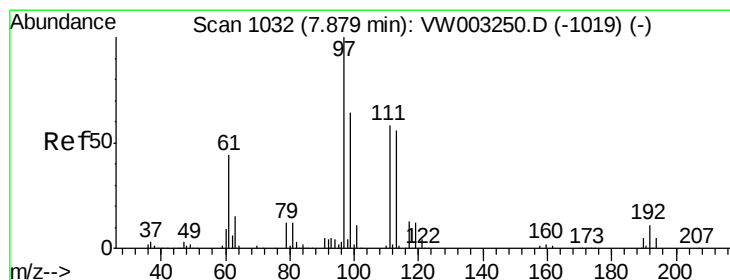
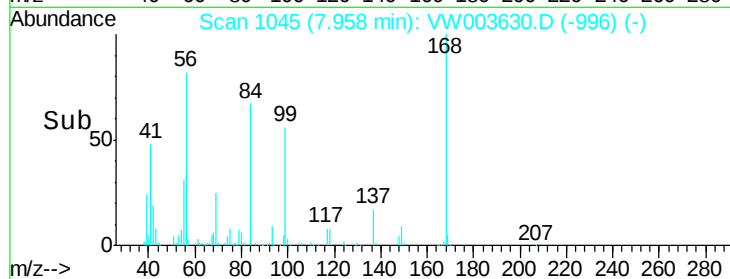
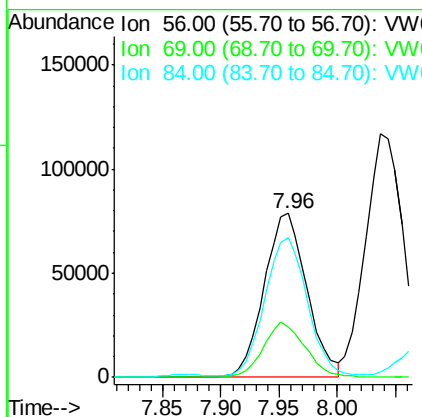
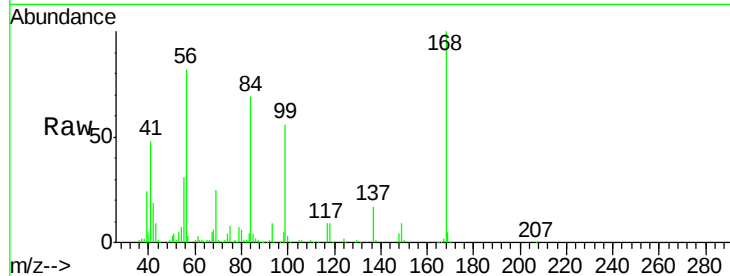




#31
Cyclohexane
Concen: 47.859 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

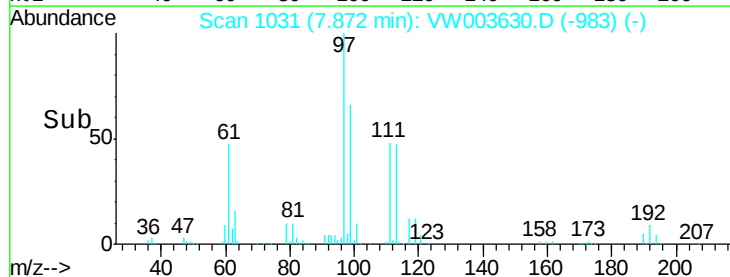
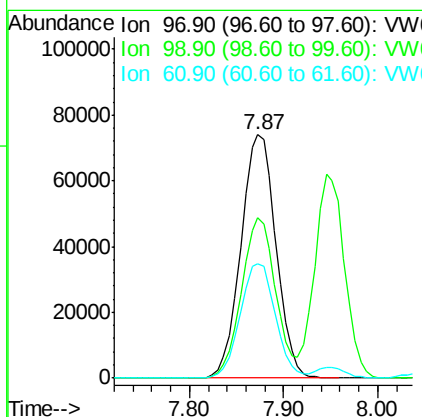
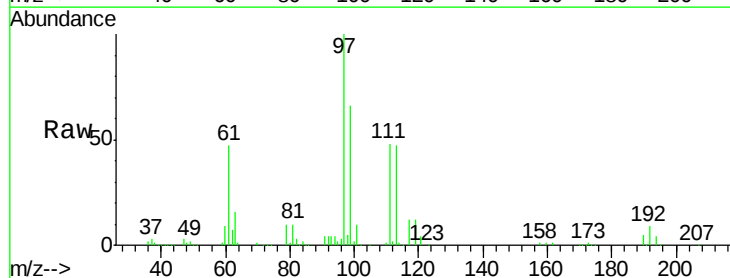
Instrument :
MSVOA_W
ClientSampleId :

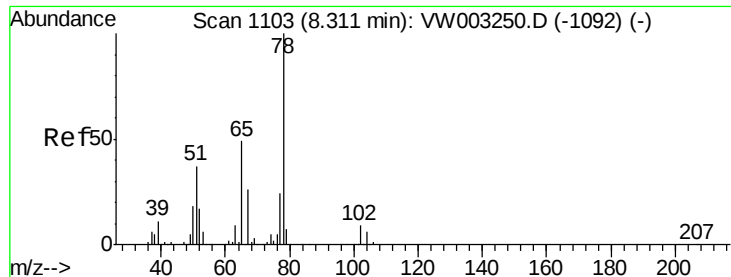
Tot Ion: 56 Resp: 200539
Ion Ratio Lower Upper
56 100
69 30.9 26.3 39.5
84 83.7 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 51.044 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 97 Resp: 192522
Ion Ratio Lower Upper
97 100
99 65.0 51.7 77.5
61 47.3 37.6 56.4

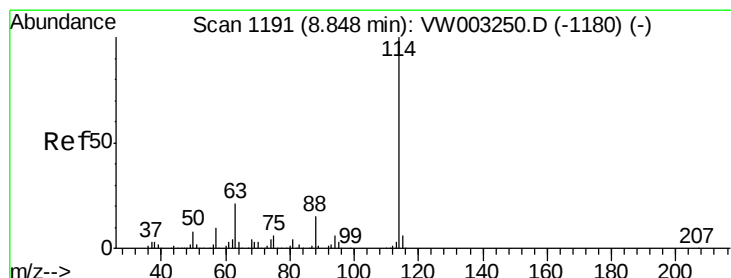
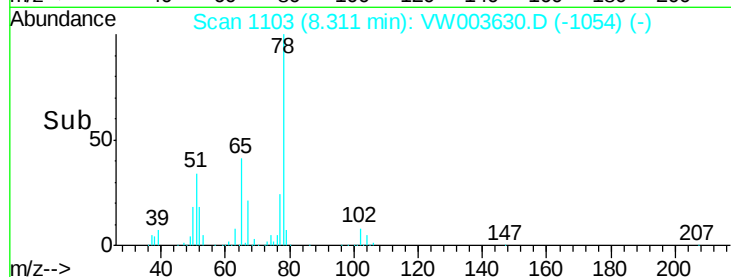
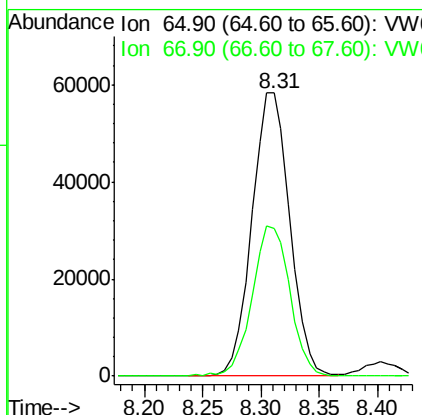
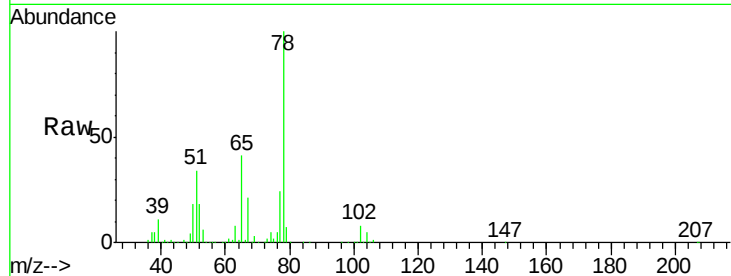




#33
 1,2-Dichloroethane-d4
 Concen: 50.952 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

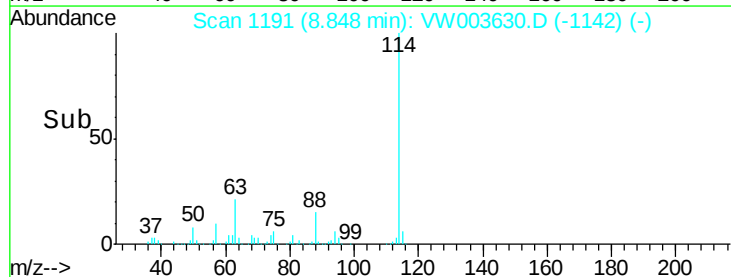
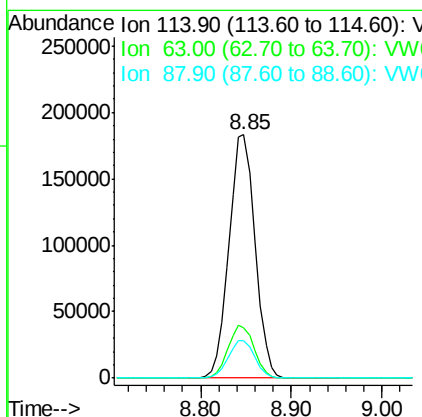
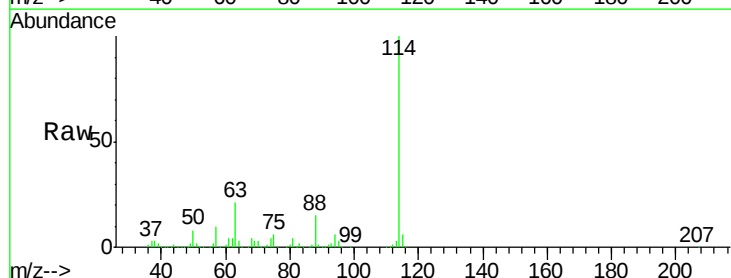
Instrument :
 MSVOA_W
 ClientSampleId :

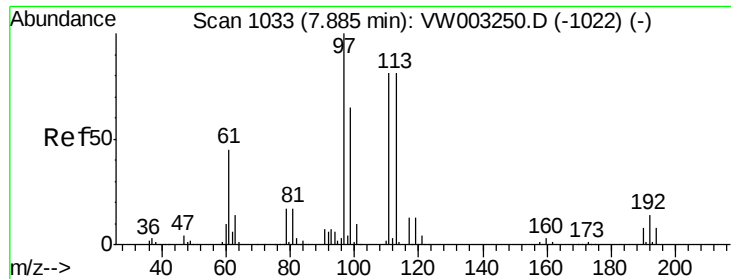
Tot Ion: 65 Resp: 132123
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion: 114 Resp: 366102
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.0
 88 15.5 0.0 29.6

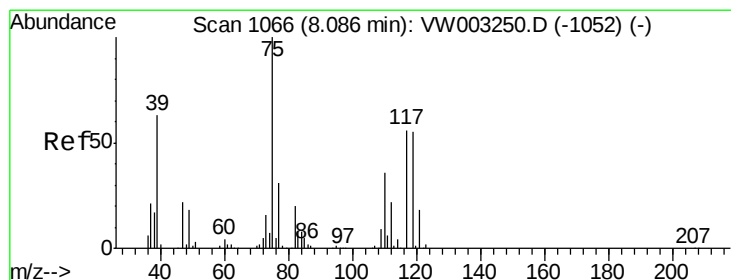
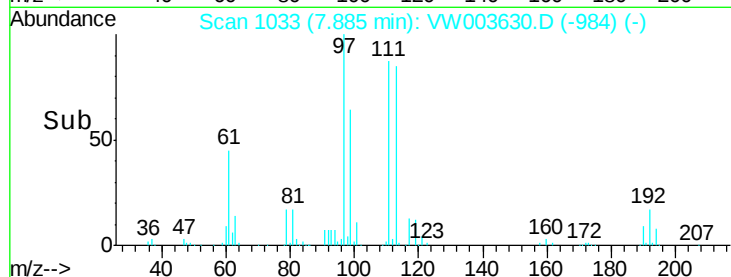
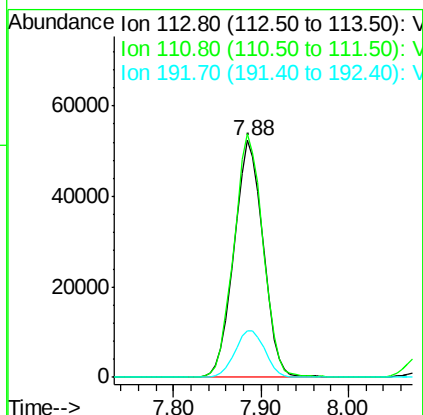
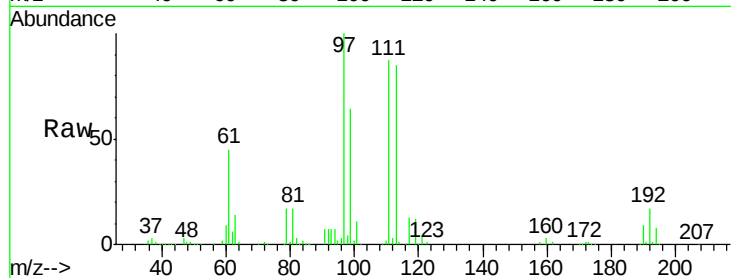




#35
 Dibromofluoromethane
 Concen: 53.326 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

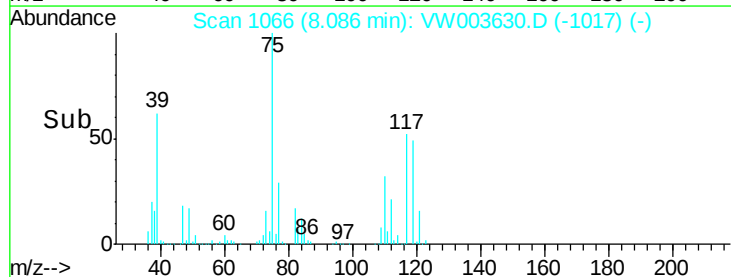
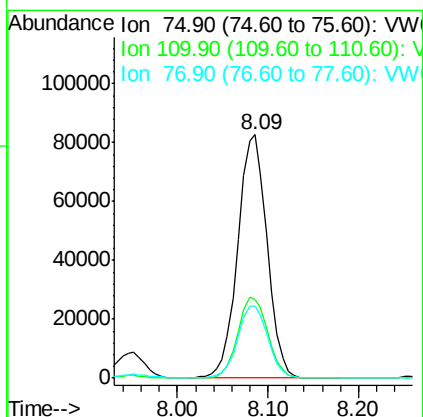
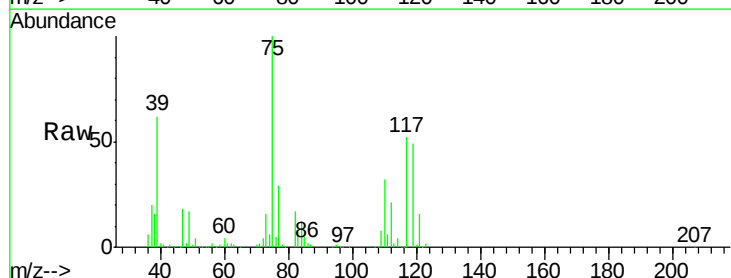
Instrument :
 MSVOA_W
 ClientSampleId :

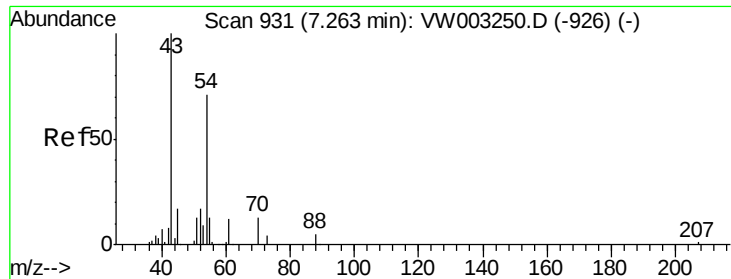
Tot Ion:113 Resp: 121308
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 20.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 52.458 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion: 75 Resp: 185470
 Ion Ratio Lower Upper
 75 100
 110 33.8 17.1 51.3
 77 30.8 24.9 37.3

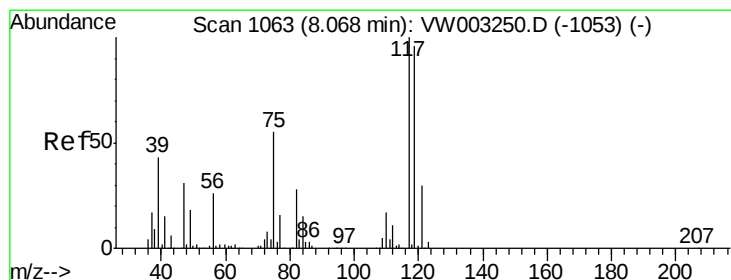
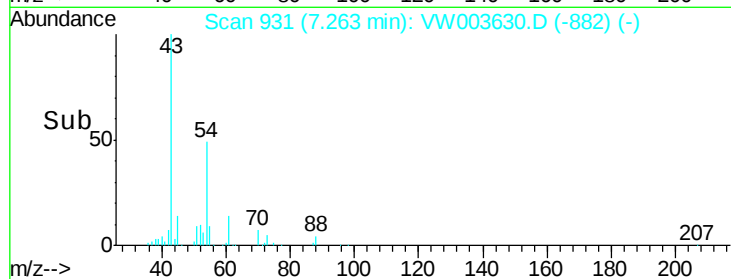
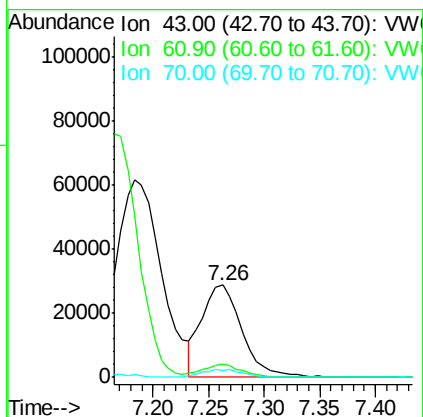
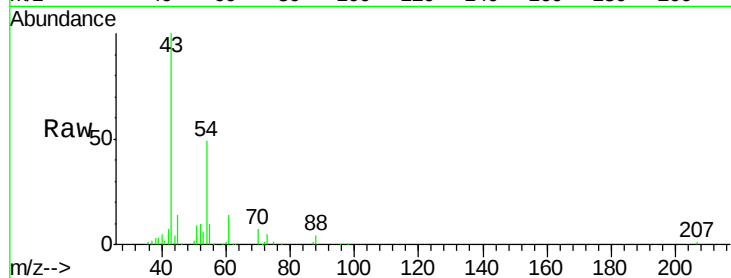




#37
Ethyl Acetate
Concen: 48.848 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

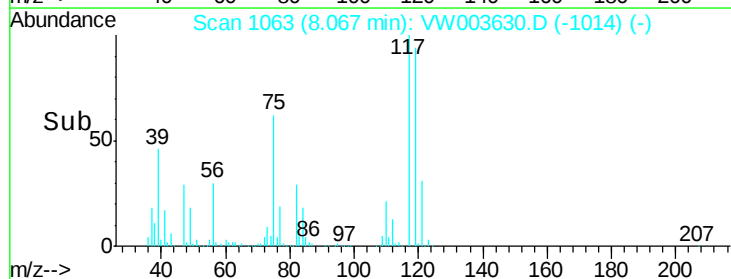
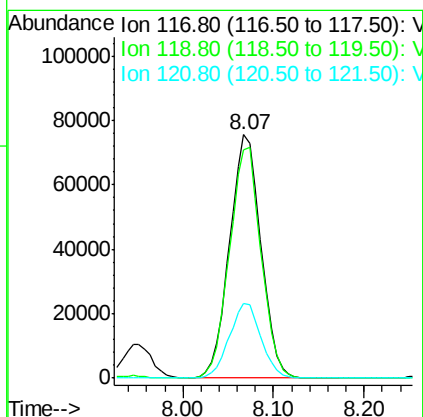
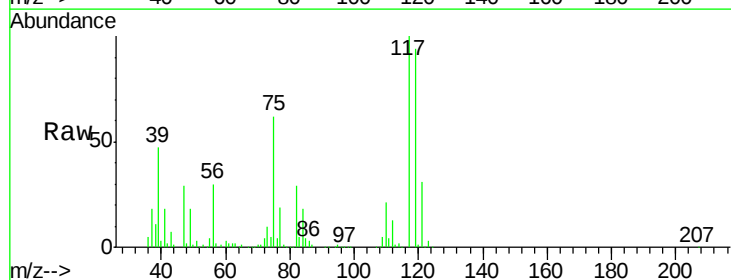
Instrument :
MSVOA_W
ClientSampled :

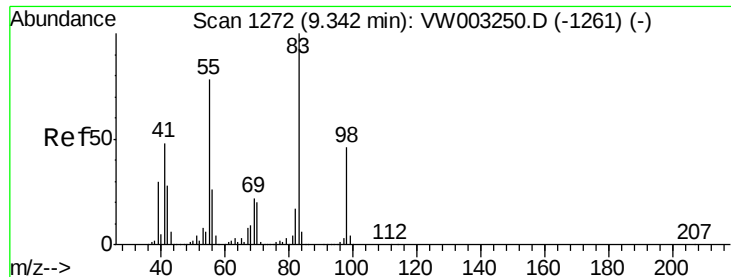
Tot Ion: 43 Resp: 71548
Ion Ratio Lower Upper
43 100
61 14.0 10.8 16.2
70 8.9 7.8 11.6



#38
Carbon Tetrachloride
Concen: 52.339 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 117 Resp: 181514
Ion Ratio Lower Upper
117 100
119 93.9 76.6 115.0
121 30.7 23.9 35.9

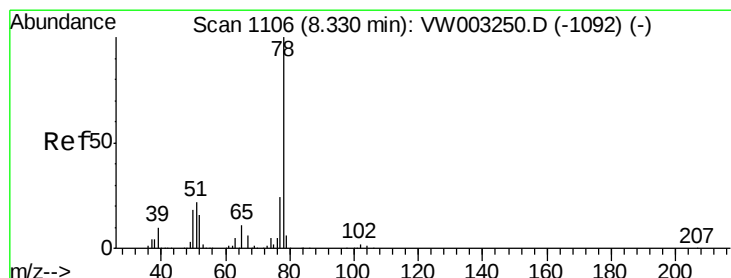
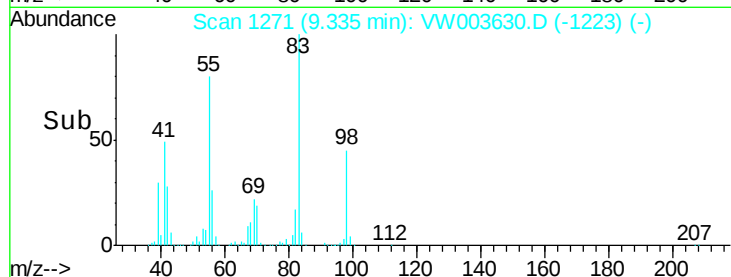
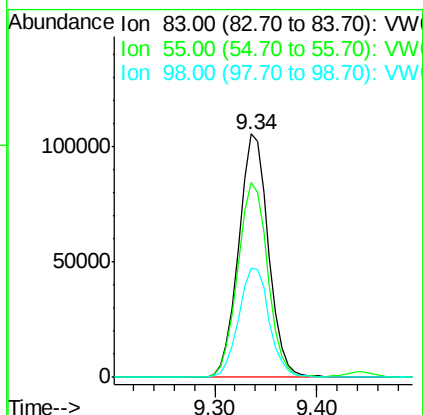
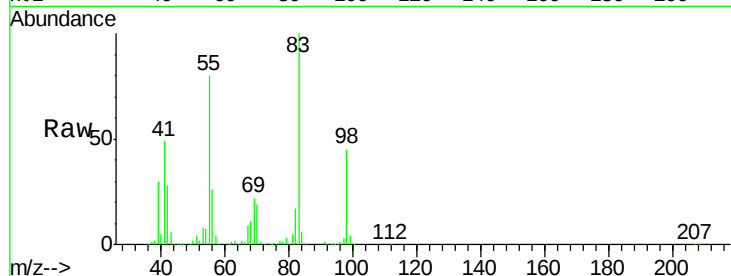




#39
Methylvlcvclohexane
Concen: 52.235 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

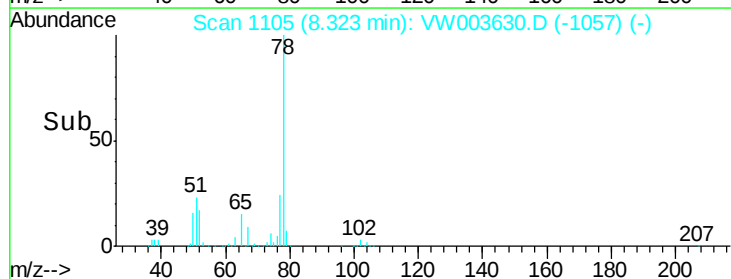
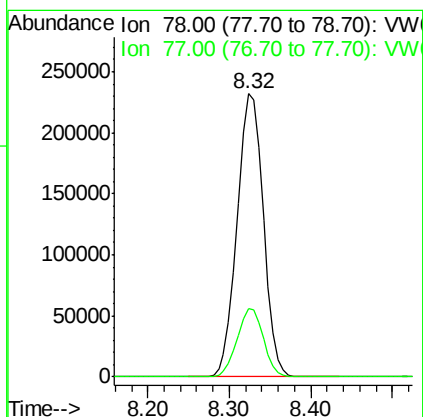
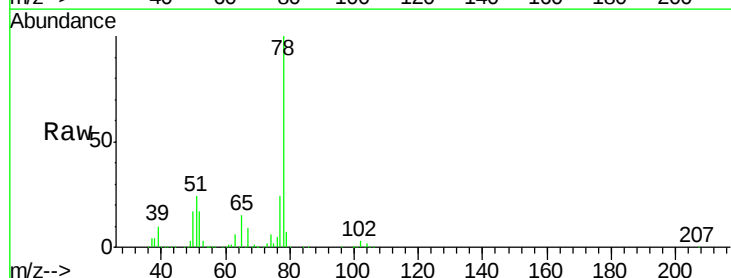
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 213689
Ion Ratio Lower Upper
83 100
55 79.9 62.6 93.8
98 44.8 37.0 55.4



#40
Benzene
Concen: 52.864 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 78 Resp: 515190
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

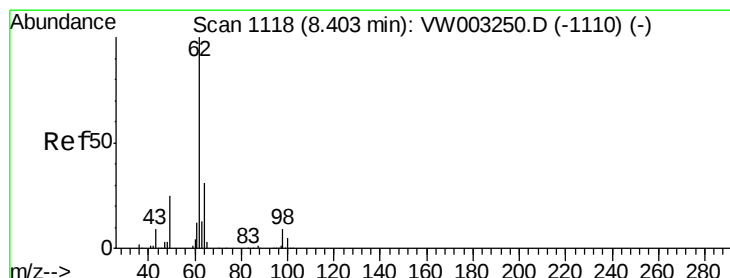
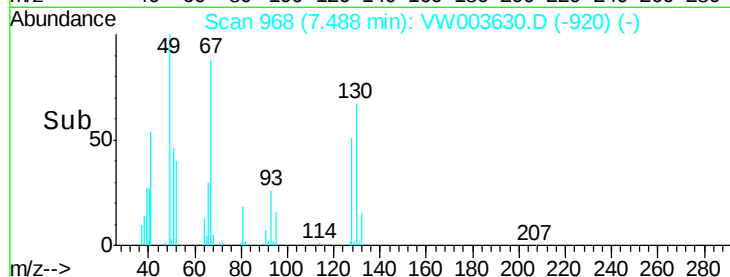
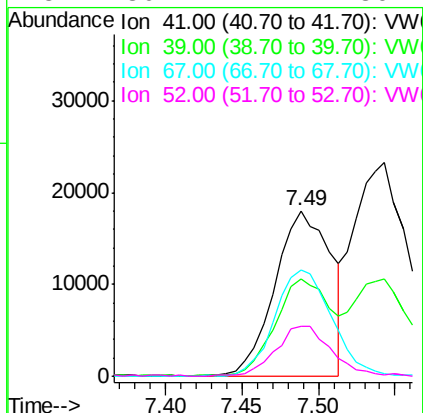
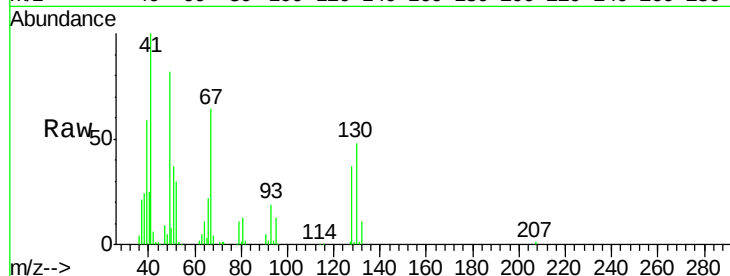




#41
Methacrylonitrile
Concen: 51.177 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

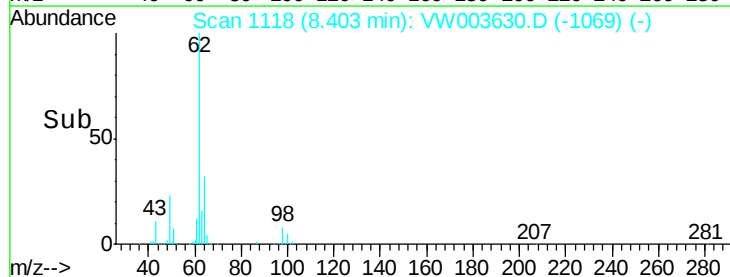
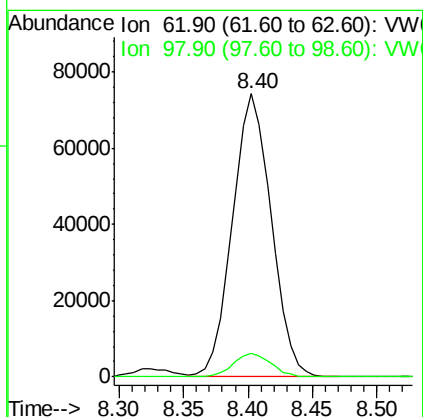
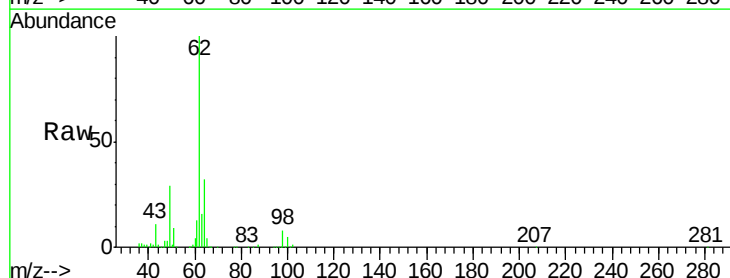
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	45999
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.8	68.8
67	65.5	52.3	78.5
52	30.1	24.1	36.1



#42
1,2-Dichloroethane
Concen: 50.840 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion:	62	Resp:	155231
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 49.199 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampled :

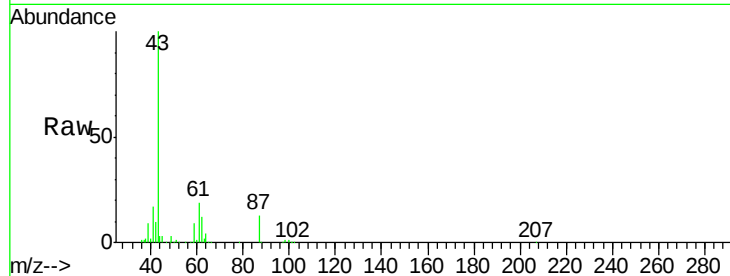
Tot Ion: 43 Resp: 143090

Ion Ratio Lower Upper

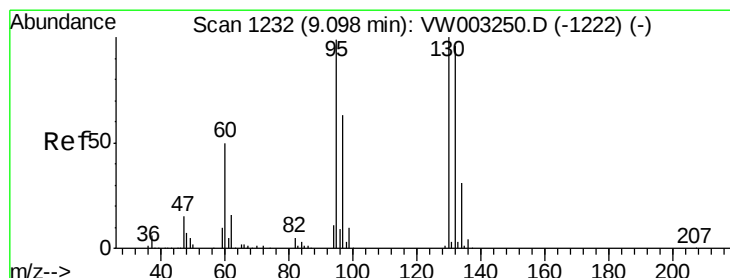
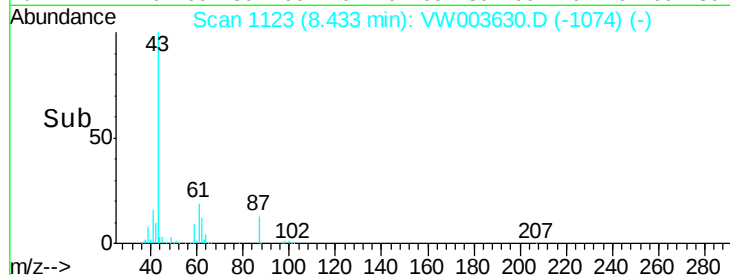
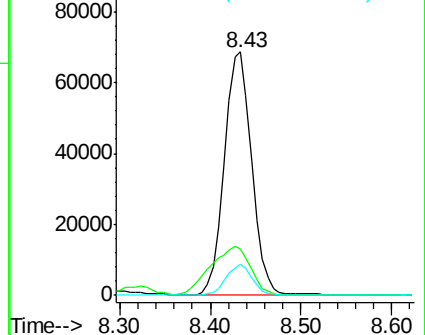
43 100

61 29.9 23.1 34.7

87 12.3 9.8 14.6



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



#44

Trichloroethene

Concen: 51.443 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003630.D

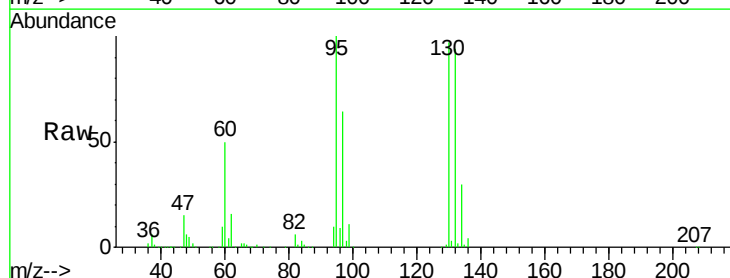
Acq: 28 Jun 2018 11:13

Tgt Ion: 130 Resp: 132845

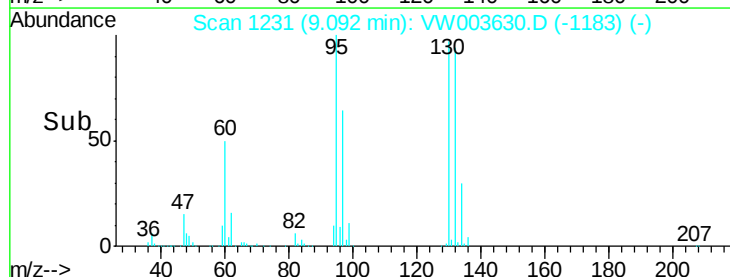
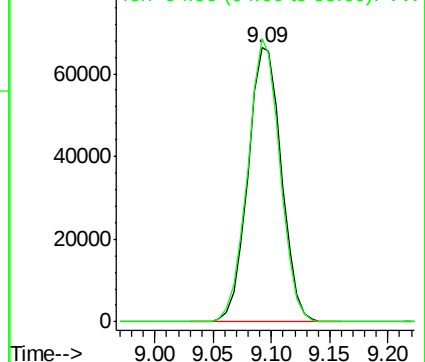
Ion Ratio Lower Upper

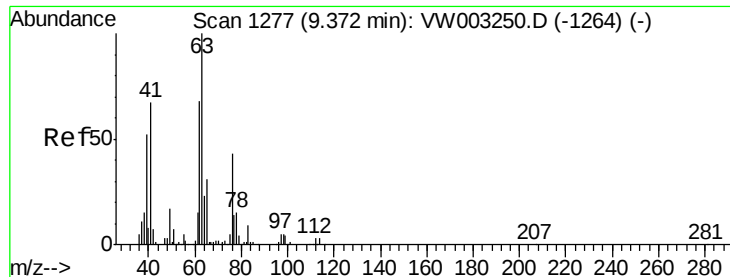
130 100

95 103.3 0.0 198.0



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





#45

1,2-Dichloropropane

Concen: 53.611 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

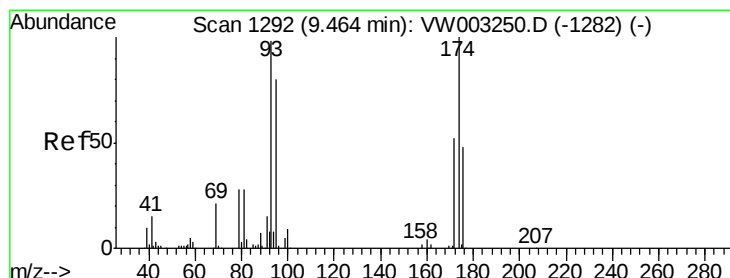
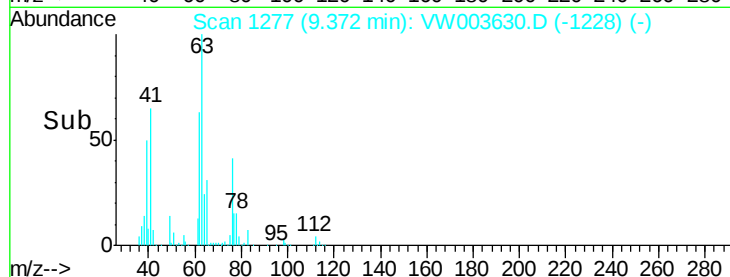
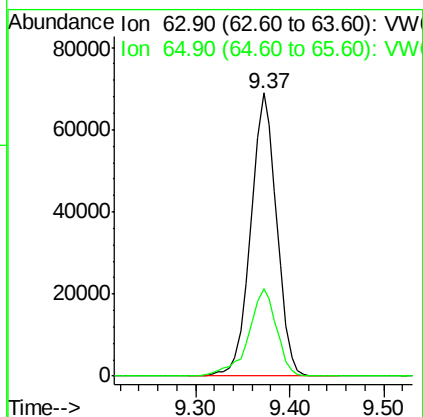
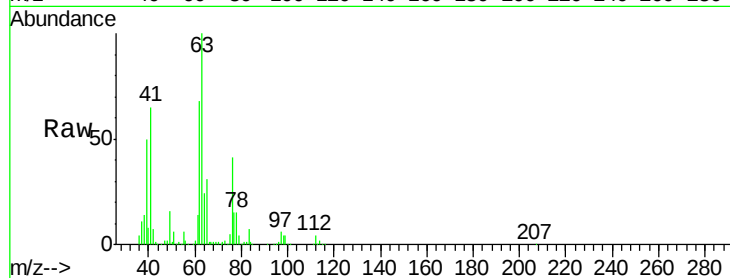
ClientSampleId :

Tot Ion: 63 Resp: 133029

Ion Ratio Lower Upper

63 100

65 30.9 25.1 37.7



#46

Dibromomethane

Concen: 51.270 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

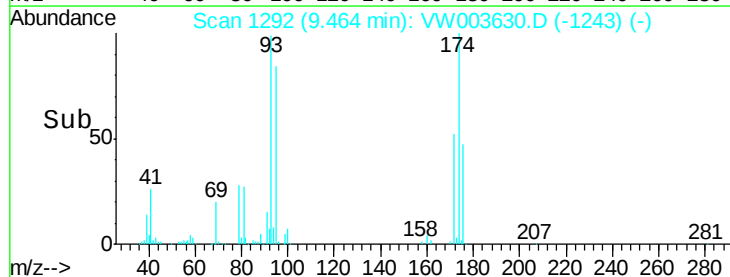
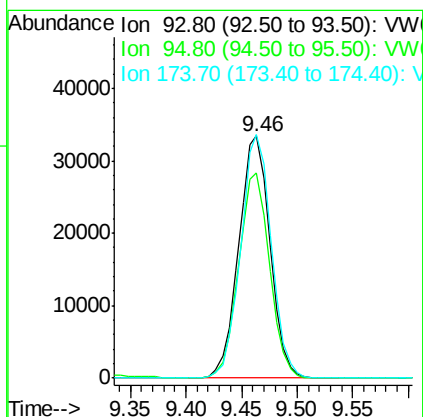
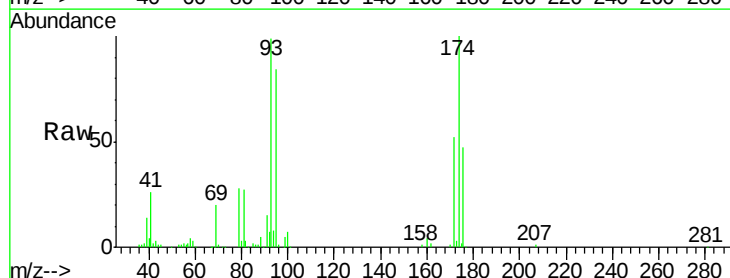
Tgt Ion: 93 Resp: 65134

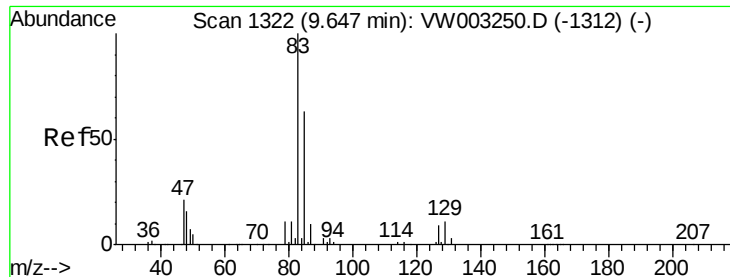
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 98.4 81.4 122.0





#47

Bromodichloromethane

Concen: 52.881 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampled :

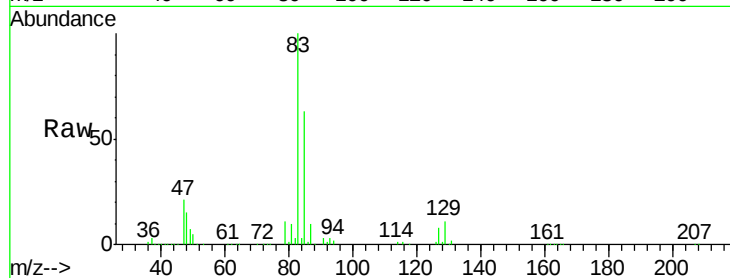
Tot Ion: 83 Resp: 172202

Ion Ratio Lower Upper

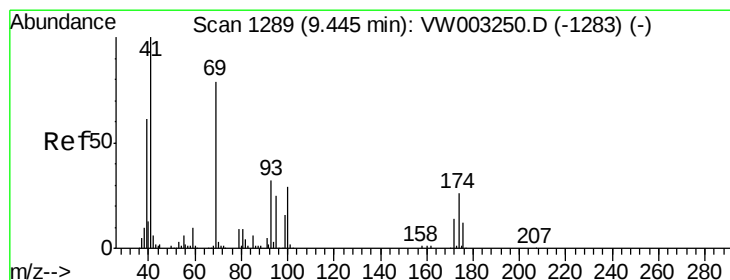
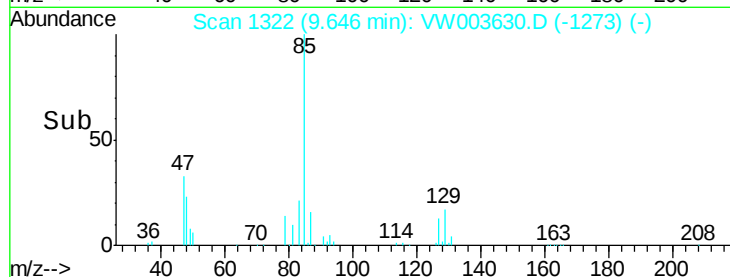
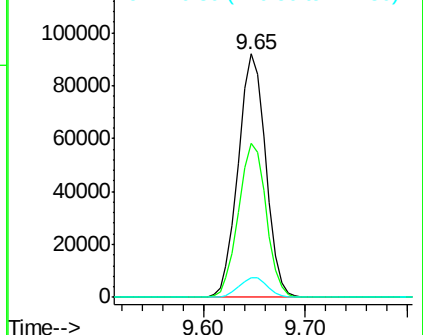
83 100

85 63.2 50.6 75.8

127 8.2 6.8 10.2



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



#48

Methyl methacrylate

Concen: 52.396 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

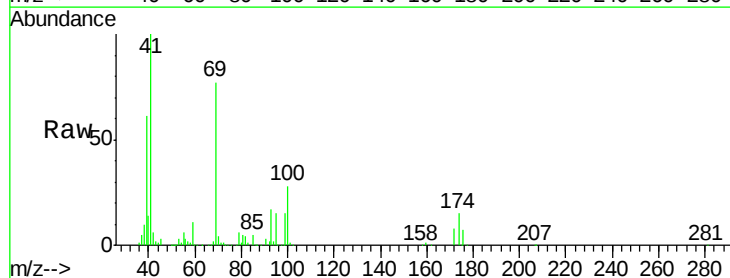
Tgt Ion: 41 Resp: 71614

Ion Ratio Lower Upper

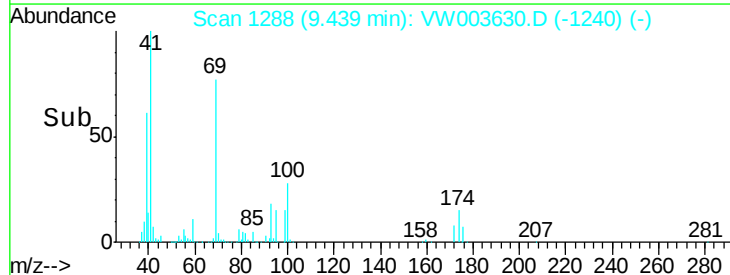
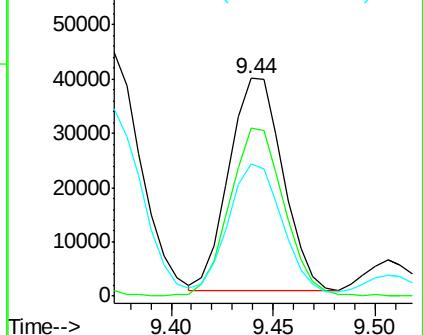
41 100

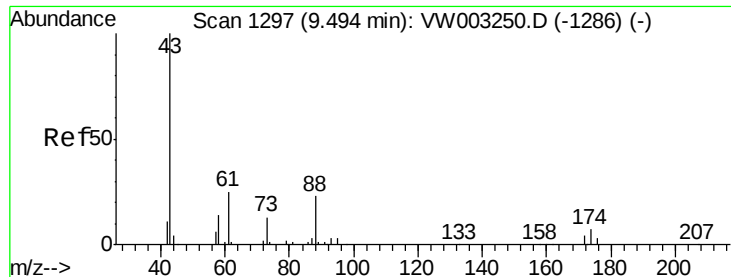
69 79.8 65.4 98.2

39 64.0 54.2 81.2



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





#49

1,4-Dioxane

Concen: 1014.818 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

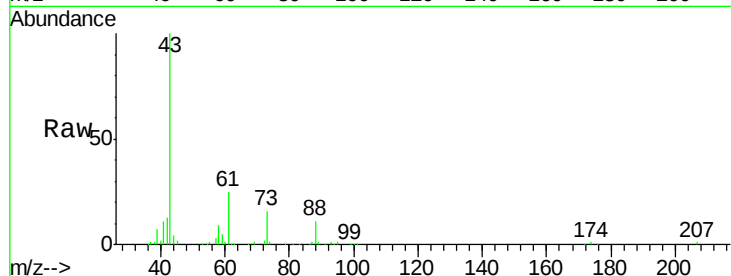
Tot Ion: 88 Resp: 19466

Ion Ratio Lower Upper

88 100

43 569.6 454.7 682.1

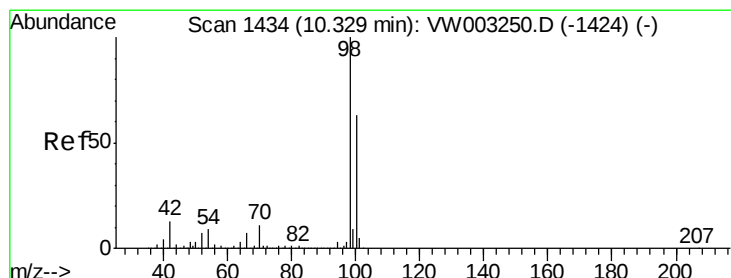
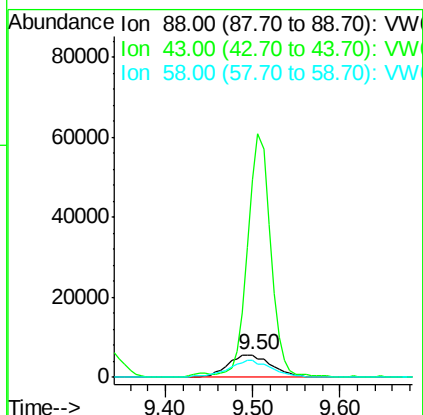
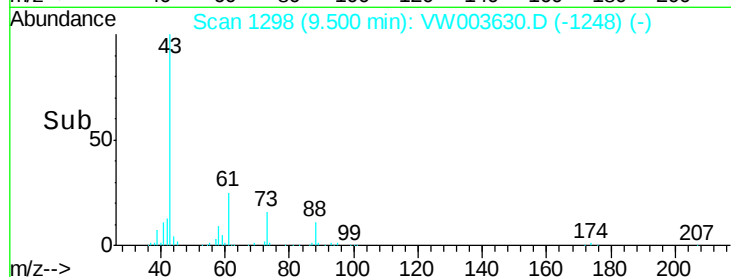
58 76.3 58.6 88.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.883 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003630.D

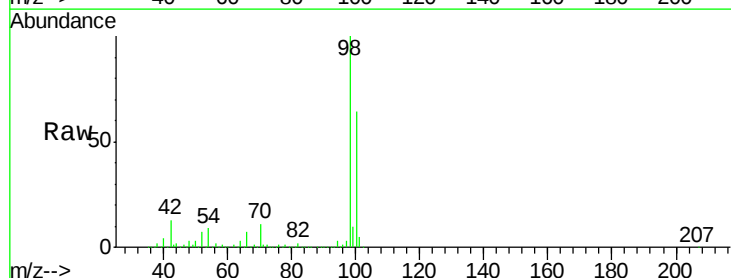
Acq: 28 Jun 2018 11:13

Tgt Ion: 98 Resp: 486043

Ion Ratio Lower Upper

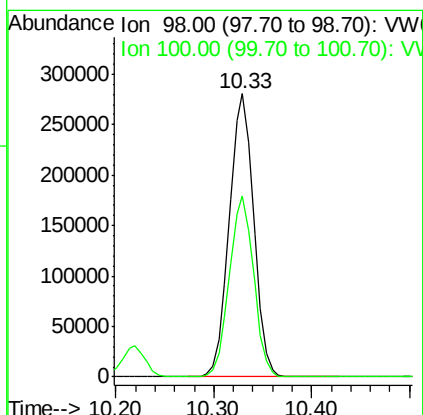
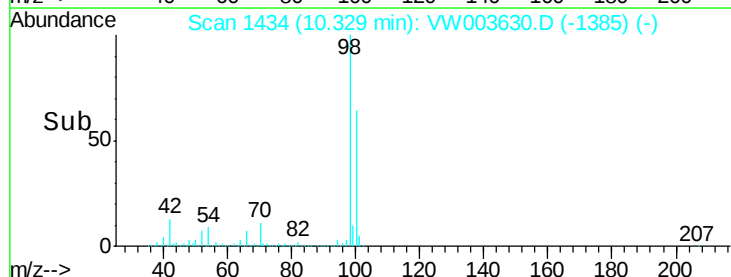
98 100

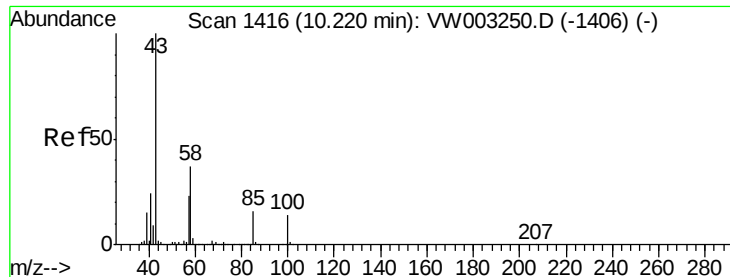
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 255.032 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

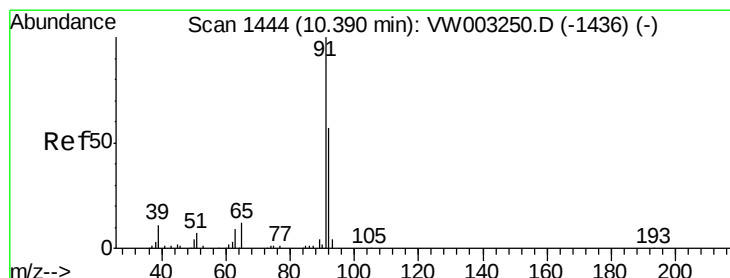
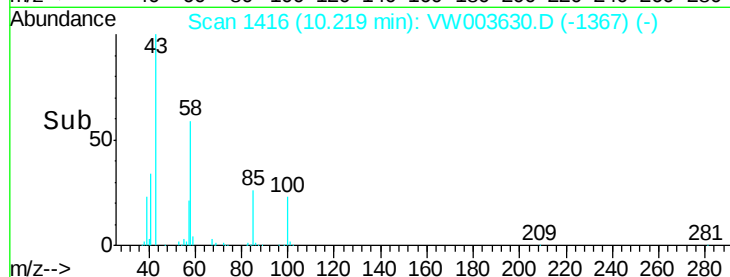
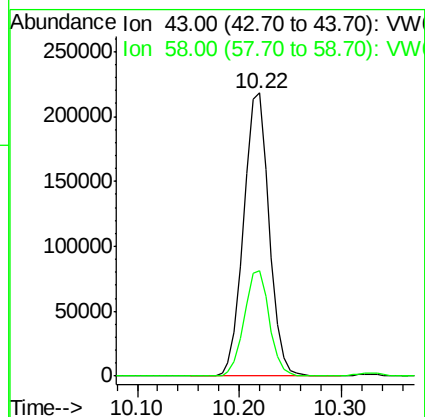
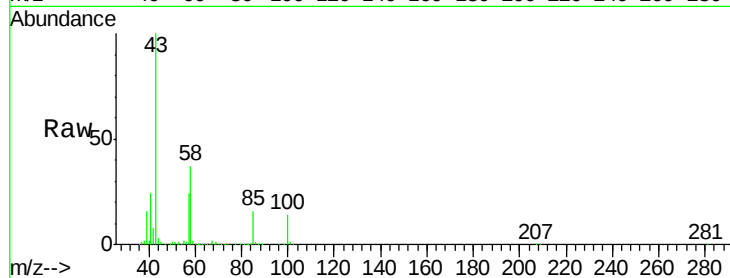
ClientSampleId :

Tot Ion: 43 Resp: 377951

Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.4



#52

Toluene

Concen: 52.641 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003630.D

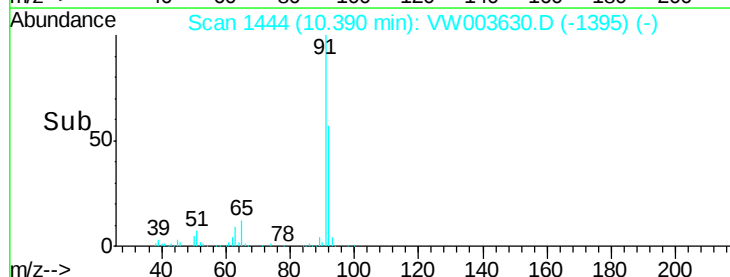
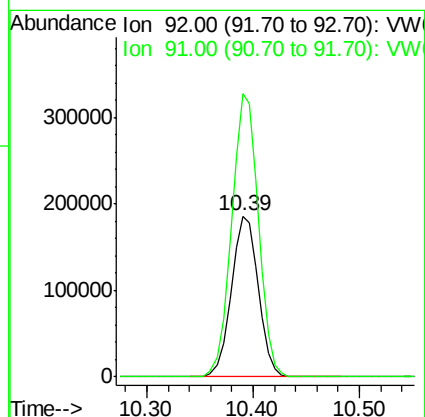
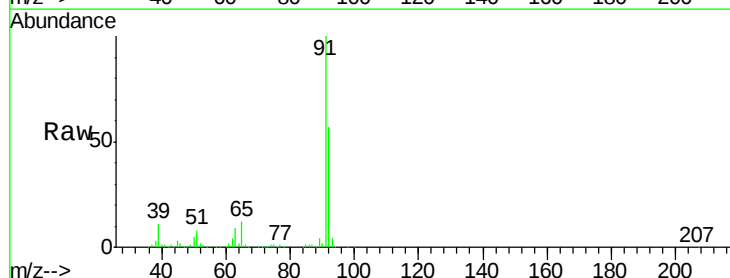
Acq: 28 Jun 2018 11:13

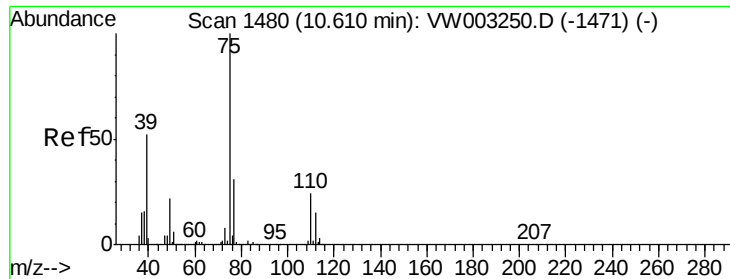
Tgt Ion: 92 Resp: 328982

Ion Ratio Lower Upper

92 100

91 174.8 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 52.455 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

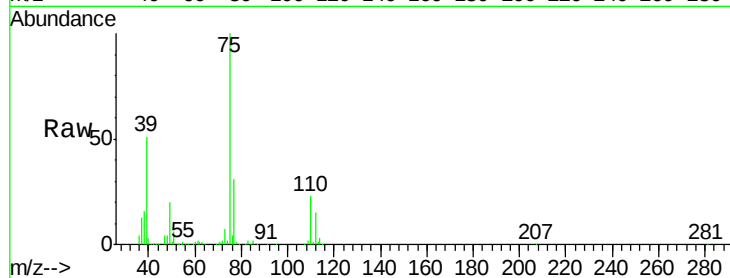
ClientSampled :

Tot Ion: 75 Resp: 174490

Ion Ratio Lower Upper

75 100

77 30.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

120000

100000

80000

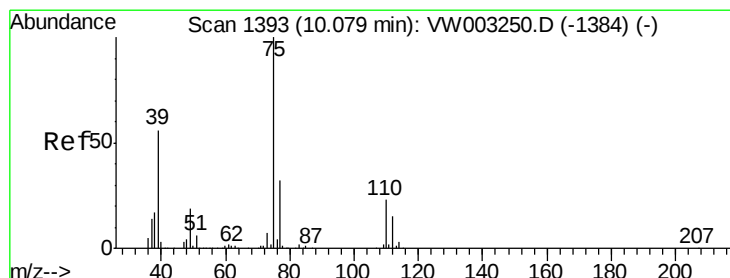
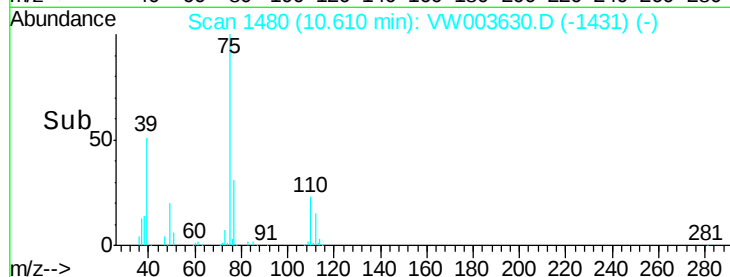
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 53.025 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

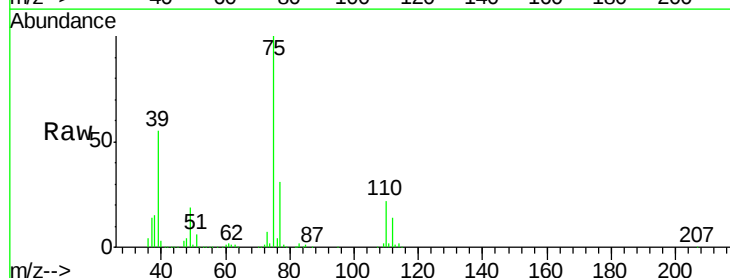
Tgt Ion: 75 Resp: 200754

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 55.2 45.2 67.8



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

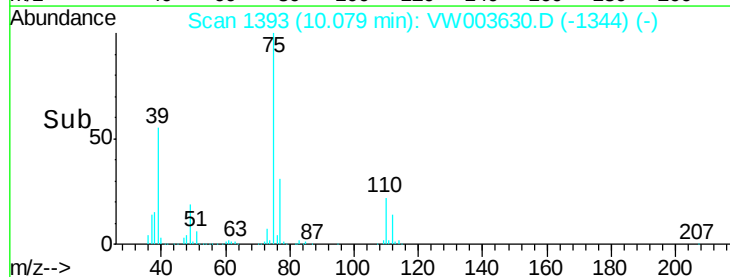
150000

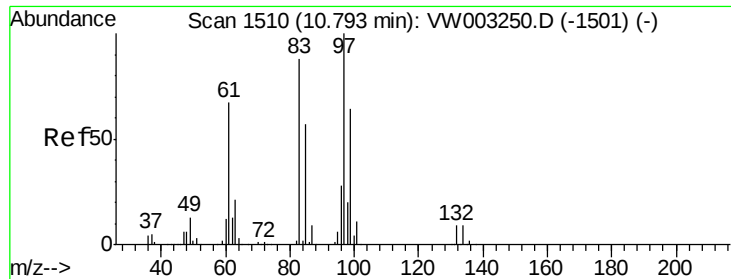
100000

50000

0

Time--> 10.00 10.10





#55

1,1,2-Trichloroethane

Concen: 51.279 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 91799

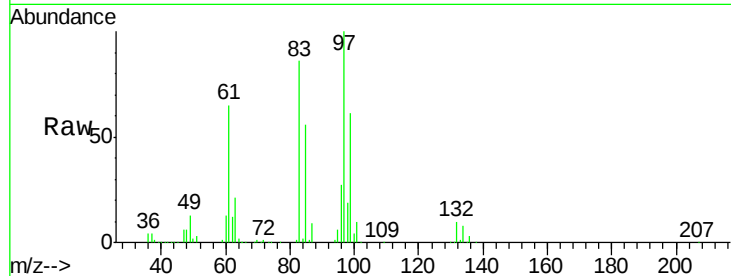
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.2	105.2
85	56.3	45.6	68.4
99	61.4	51.2	76.8

97 100

83 86.0 70.2 105.2

85 56.3 45.6 68.4

99 61.4 51.2 76.8



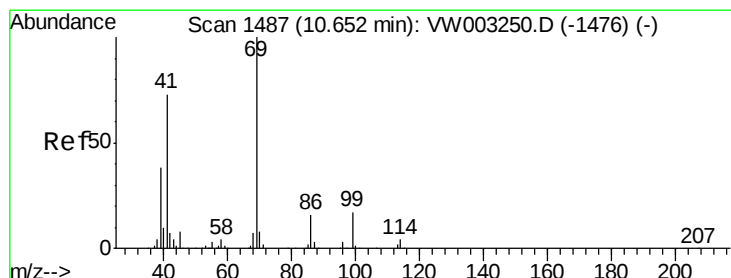
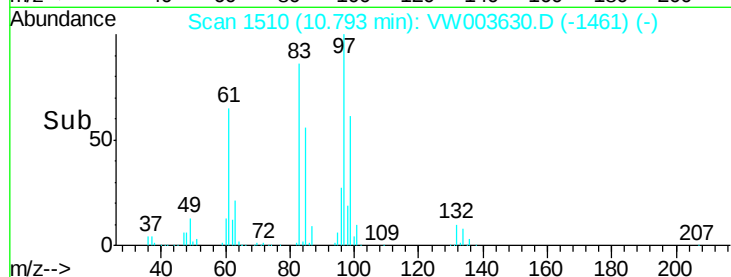
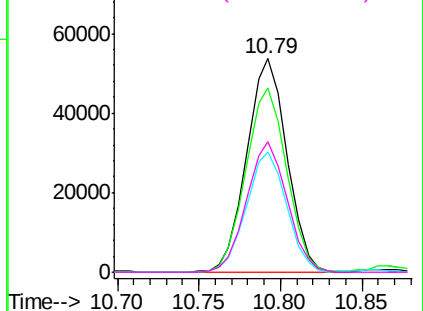
Abundance

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: 52.296 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

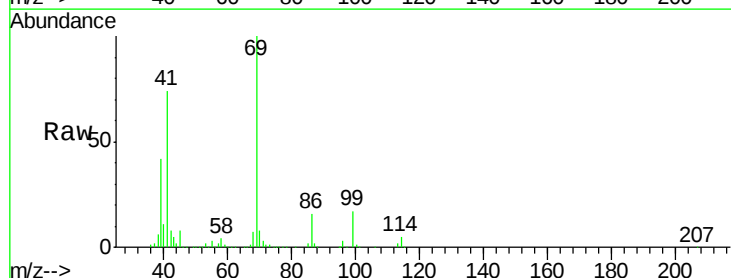
Tgt Ion: 69 Resp: 113684

Ion	Ratio	Lower	Upper
69	100		
41	73.9	57.8	86.6
39	38.7	32.7	49.1

69 100

41 73.9 57.8 86.6

39 38.7 32.7 49.1

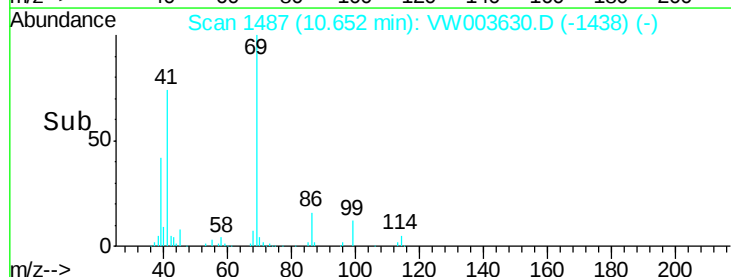
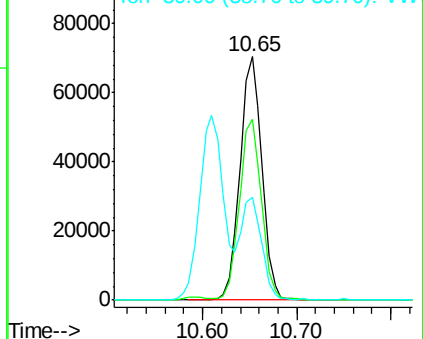


Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

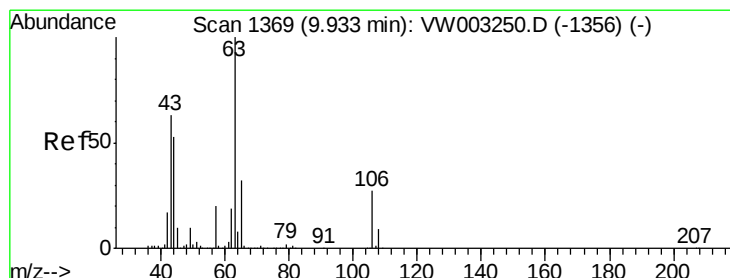
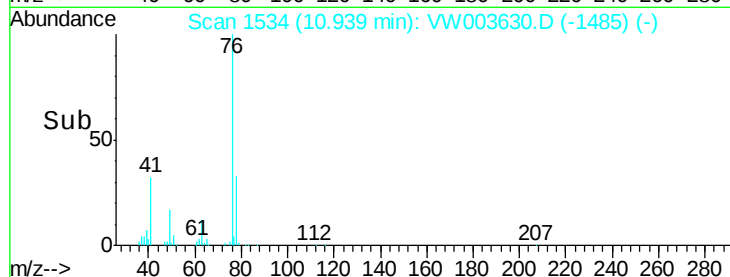
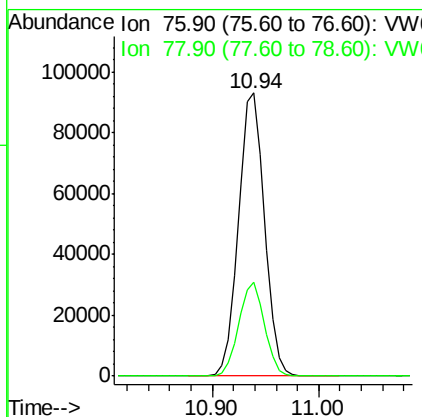
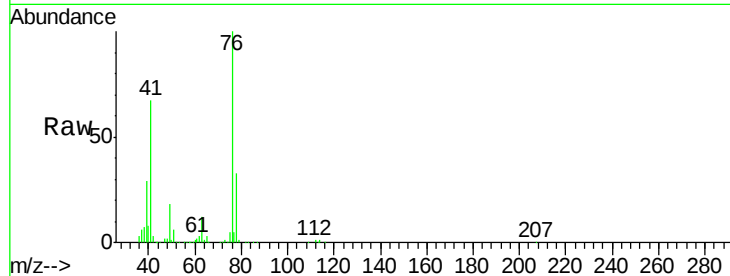




#57
 1,3-Dichloropropane
 Concen: 51.833 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

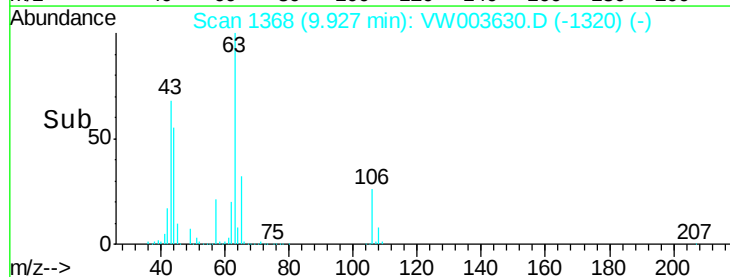
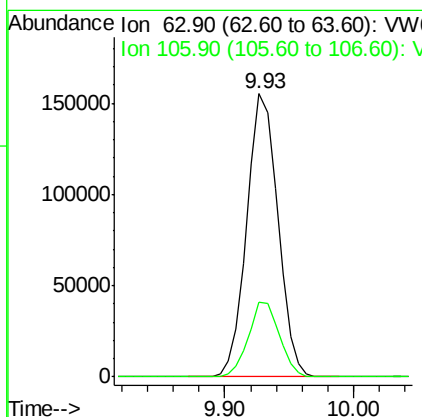
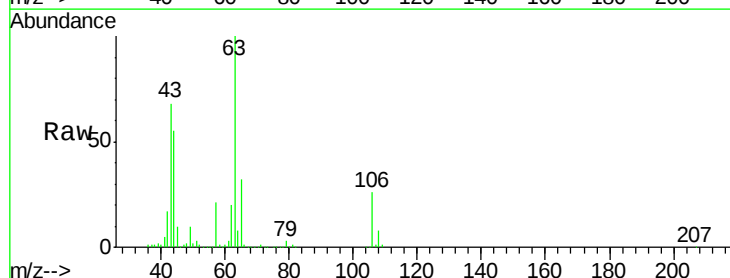
Instrument :
 MSVOA_W
 ClientSampled :

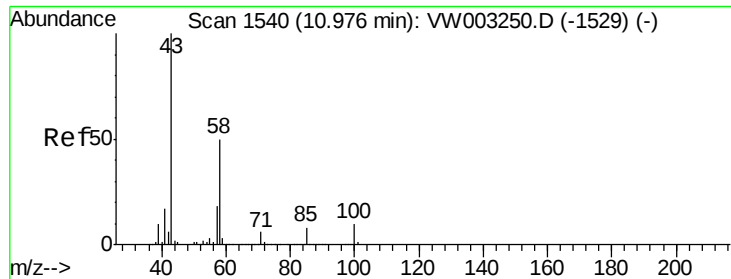
Tot Ion: 76 Resp: 160037
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.509 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion: 63 Resp: 258740
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.8 32.8

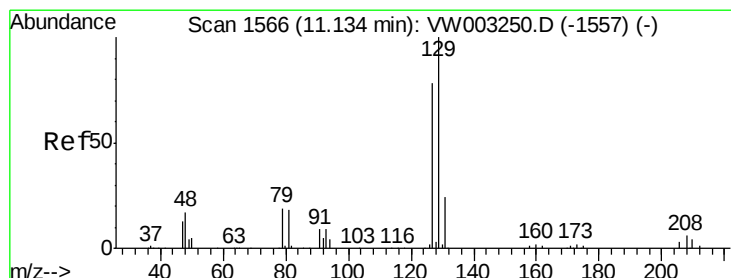
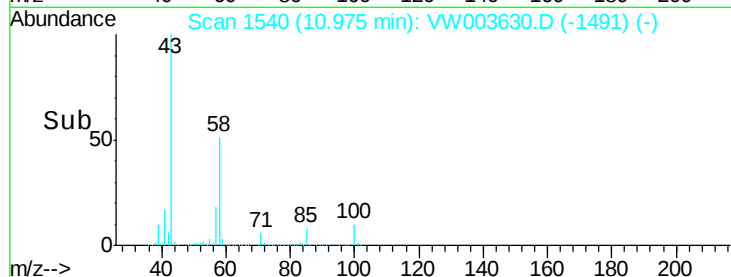
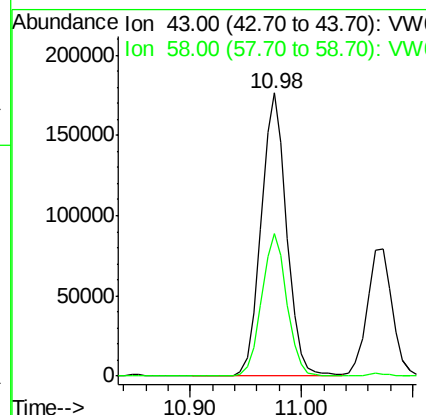
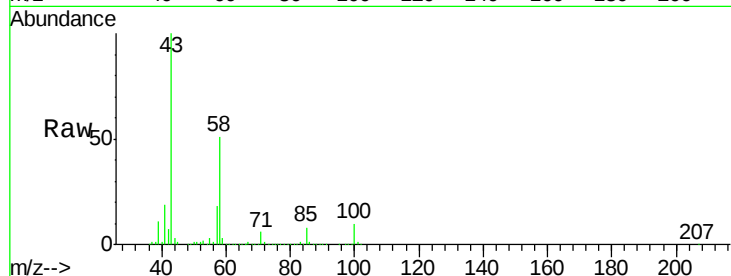




#59
2-Hexanone
Concen: 272.165 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

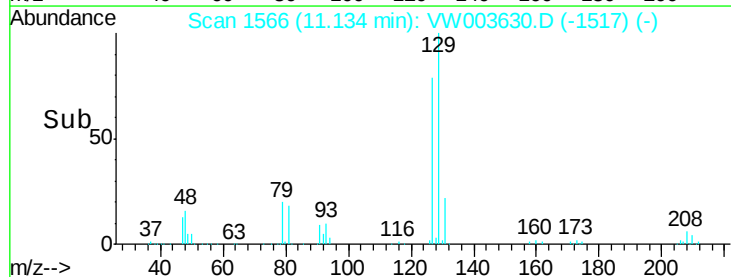
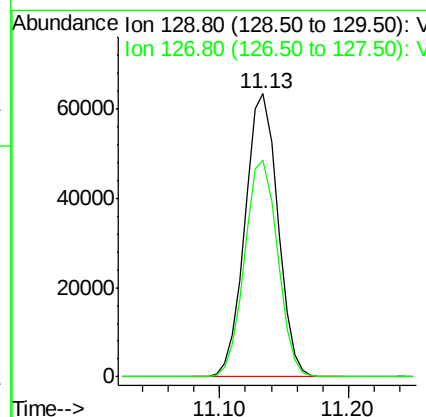
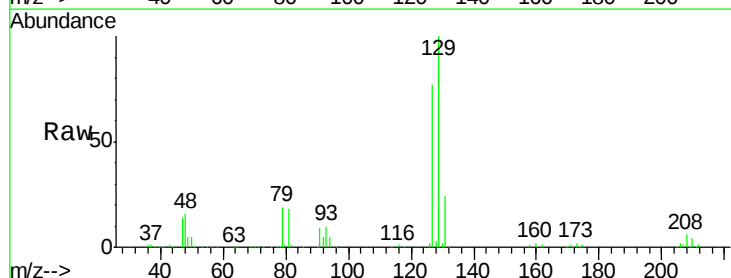
Instrument :
MSVOA_W
ClientSampleId :

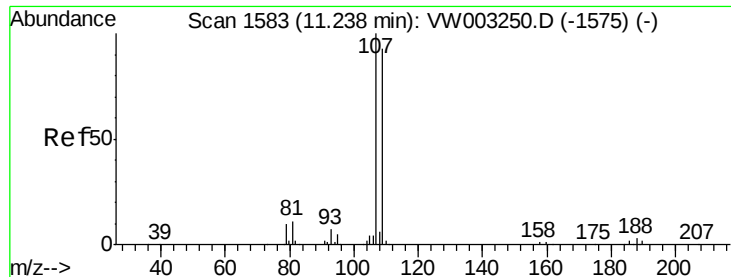
Tot Ion: 43 Resp: 281769
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0



#60
Dibromochloromethane
Concen: 52.482 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 129 Resp: 111730
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.5

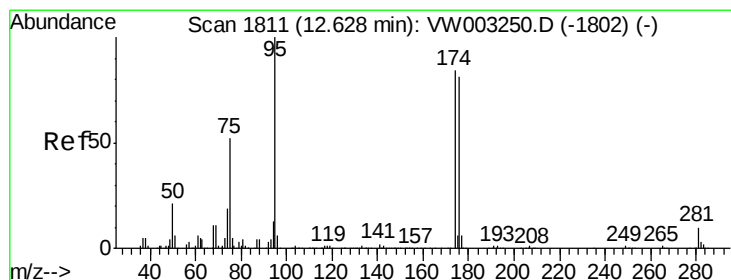
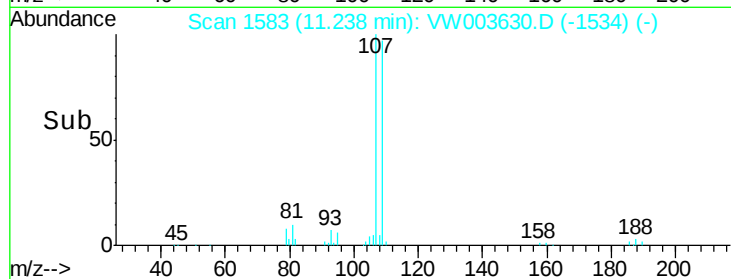
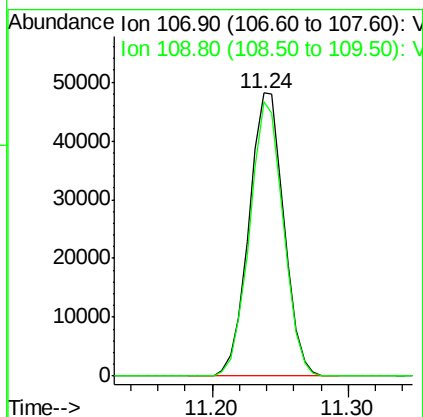
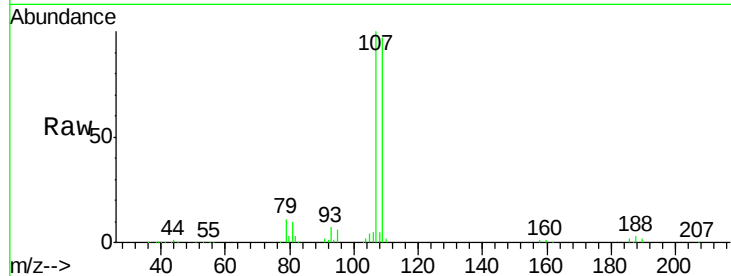




#61
1,2-Dibromoethane
Concen: 51.138 ug/l
RT: 11.24 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

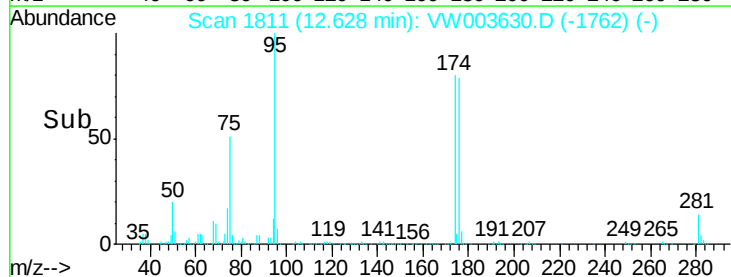
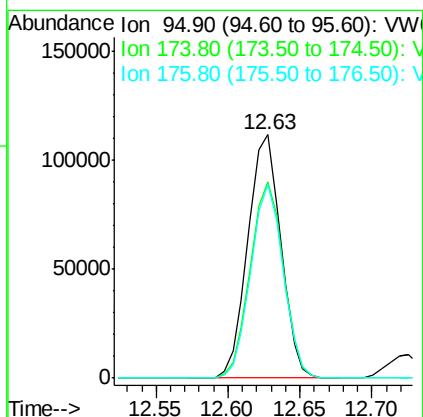
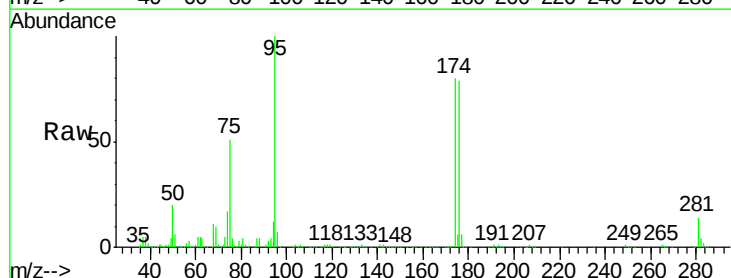
Instrument :
MSVOA_W
ClientSampled :

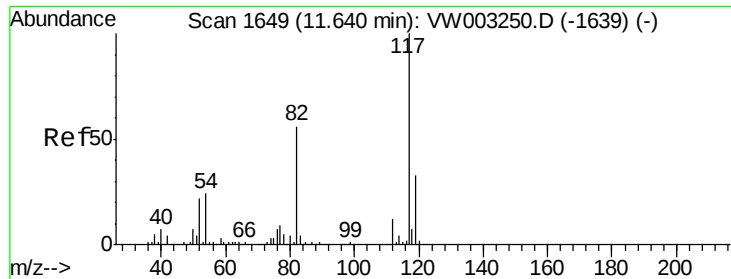
Tot Ion: 107 Resp: 86595
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 55.541 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 95 Resp: 177299
Ion Ratio Lower Upper
95 100
174 80.8 0.0 166.4
176 78.1 0.0 162.0

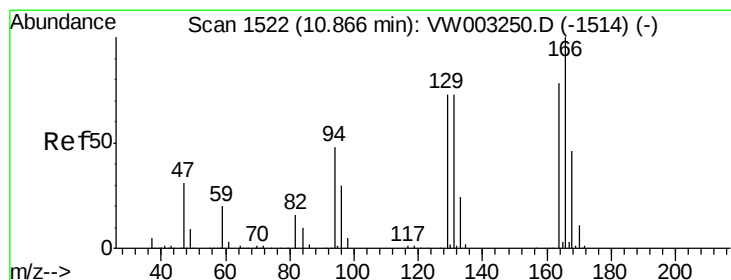
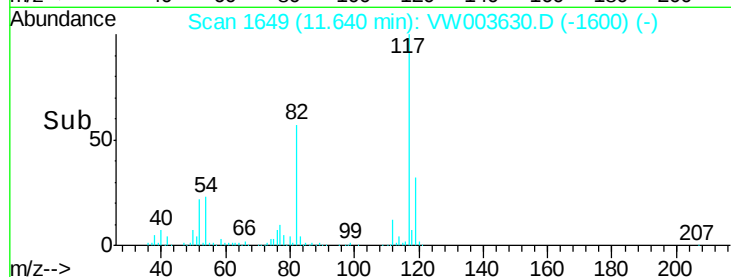
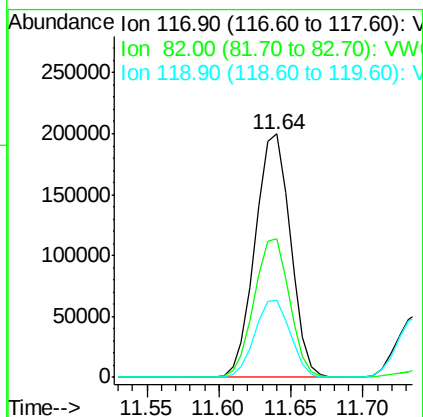
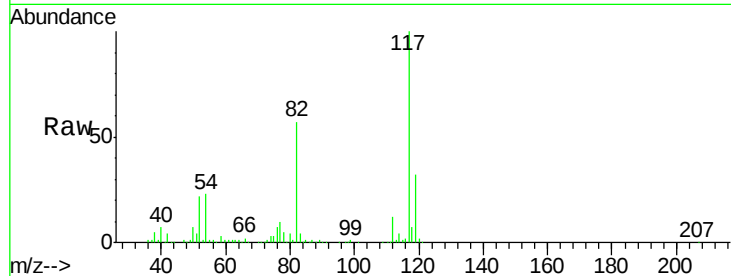




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

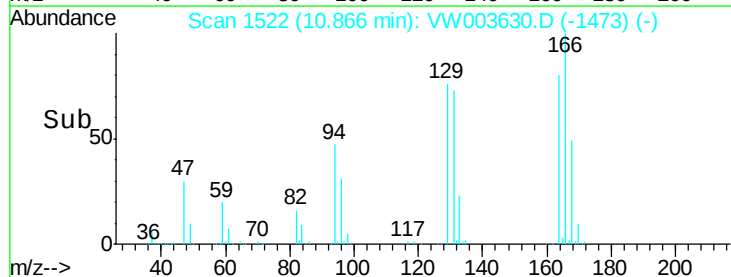
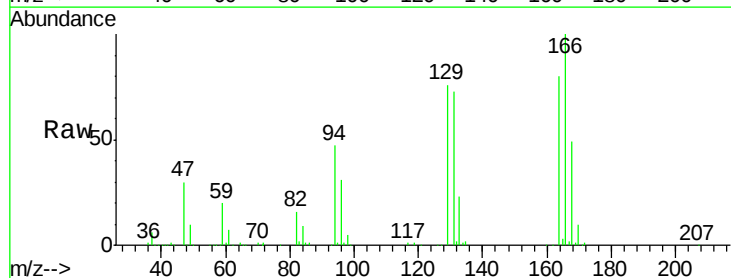
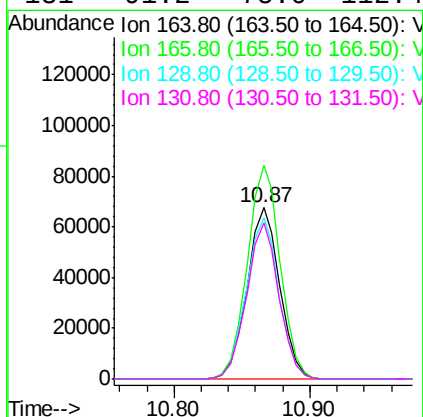
Instrument :
MSVOA_W
ClientSampled :

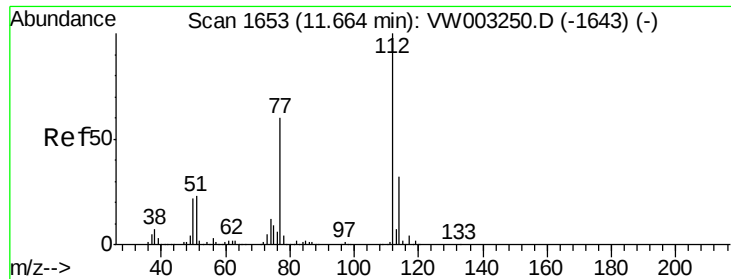
Tot Ion:117 Resp: 338630
Ion Ratio Lower Upper
117 100
82 57.0 44.6 67.0
119 31.8 26.7 40.1



#64
Tetrachloroethene
Concen: 50.307 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion:164 Resp: 113943
Ion Ratio Lower Upper
164 100
166 125.0 102.6 154.0
129 94.4 75.2 112.8
131 91.2 75.0 112.4

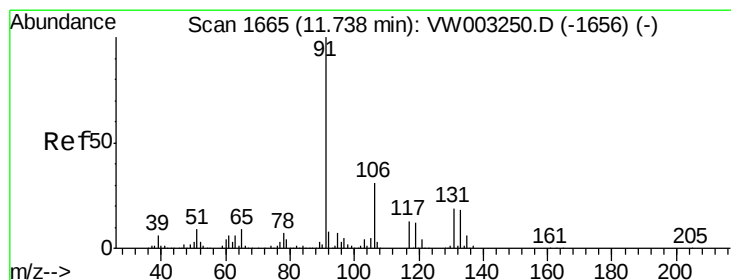
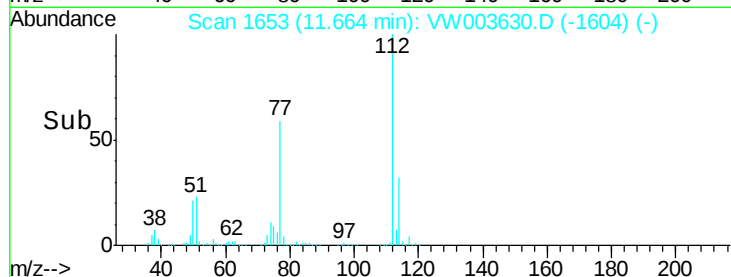
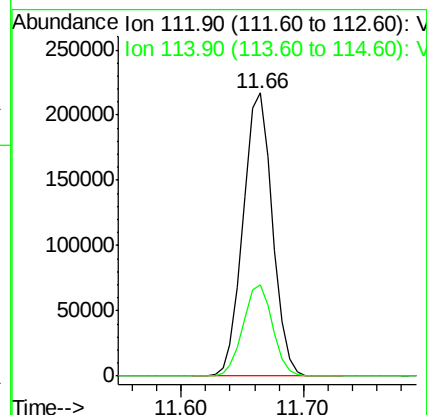
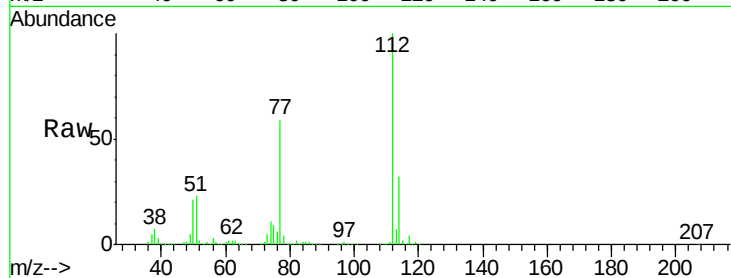




#65
Chlorobenzene
Concen: 51.059 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

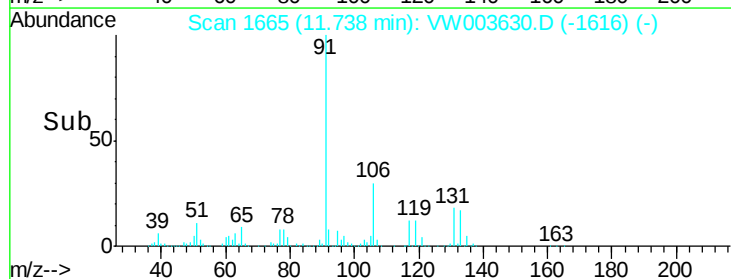
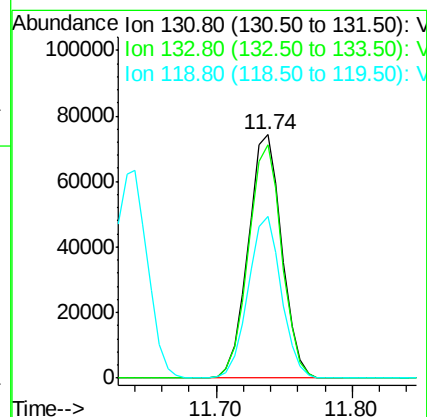
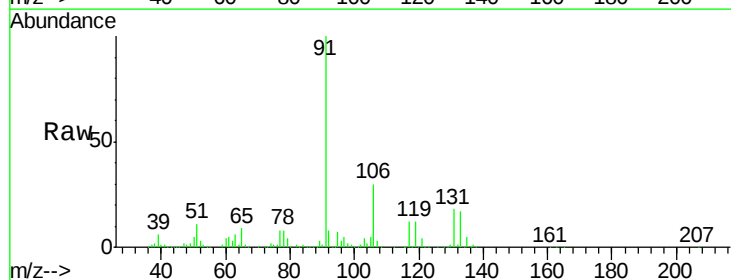
Instrument :
MSVOA_W
ClientSampleId :

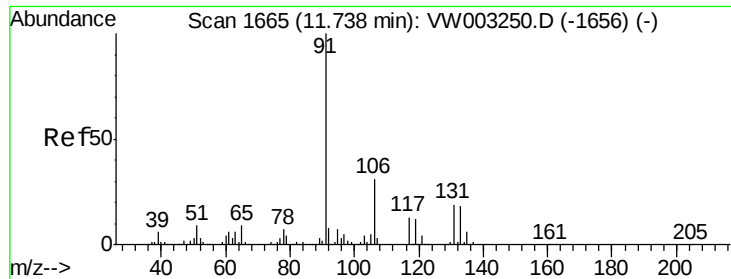
Tot Ion:112 Resp: 360051
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.783 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion:131 Resp: 128324
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 65.2 32.5 97.4

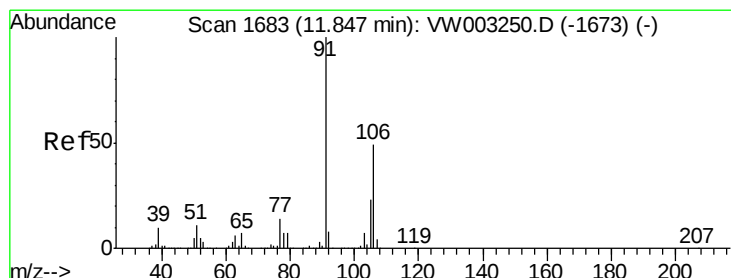
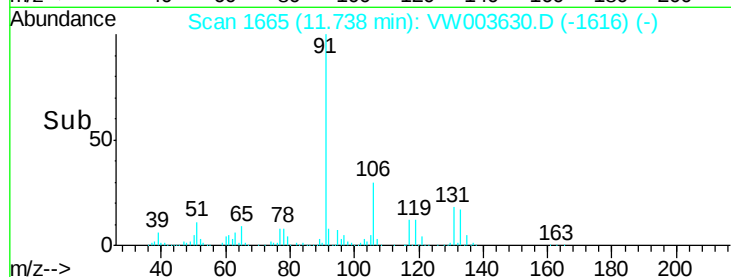
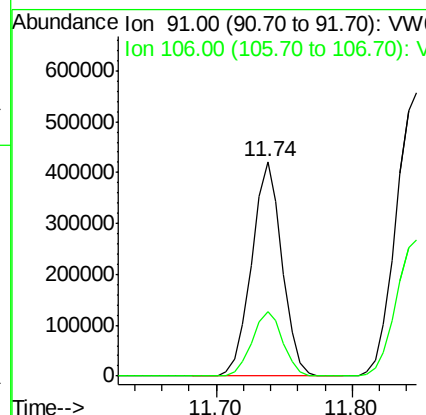
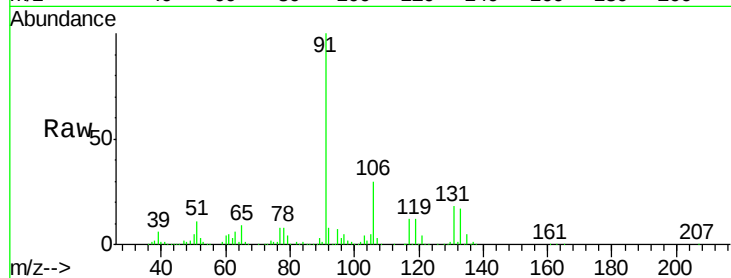




#67
Ethyl Benzene
Concen: 52.719 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

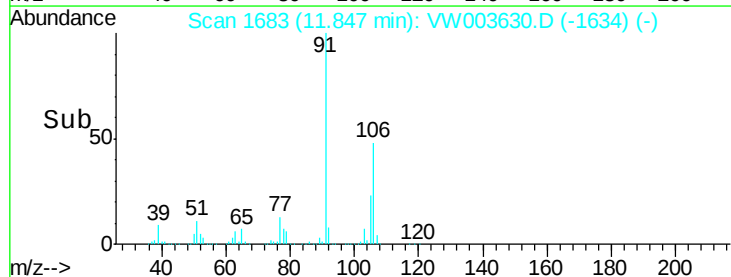
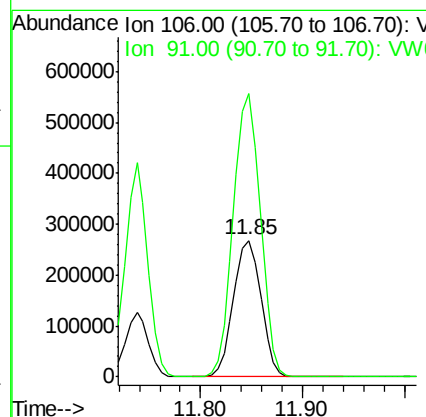
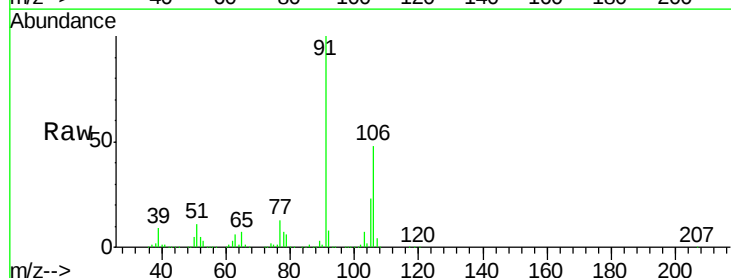
Instrument :
MSVOA_W
ClientSampled :

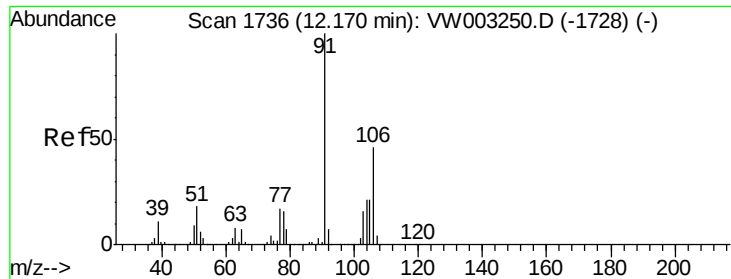
Tot Ion: 91 Resp: 658989
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1



#68
m/p-Xylenes
Concen: 105.452 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 106 Resp: 501079
Ion Ratio Lower Upper
106 100
91 205.0 165.4 248.0

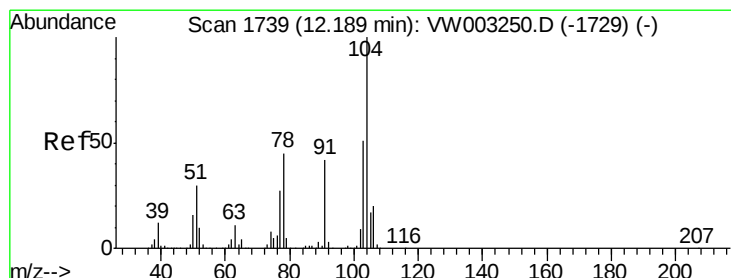
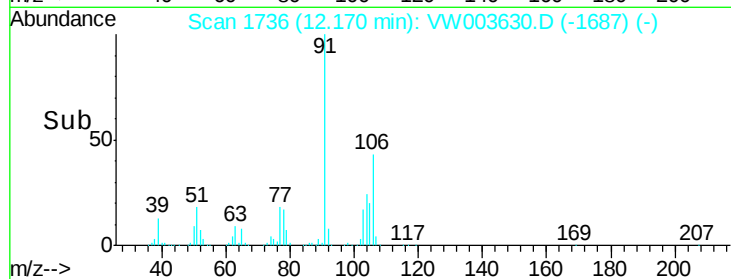
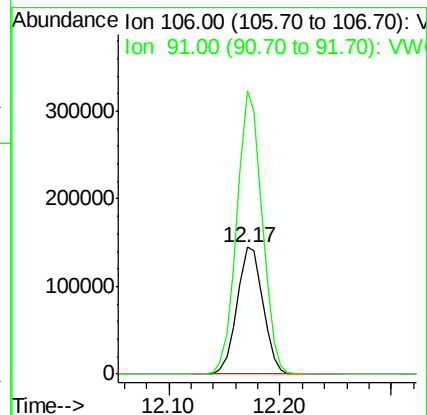
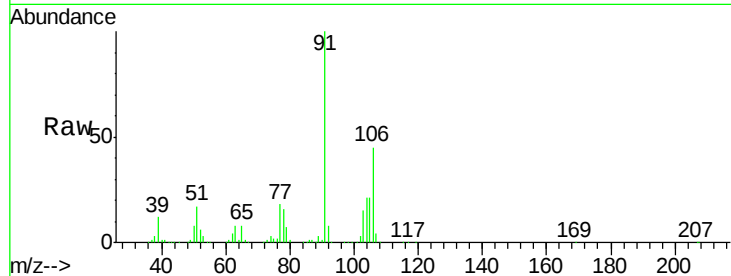




#69
o-Xylene
Concen: 53.084 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

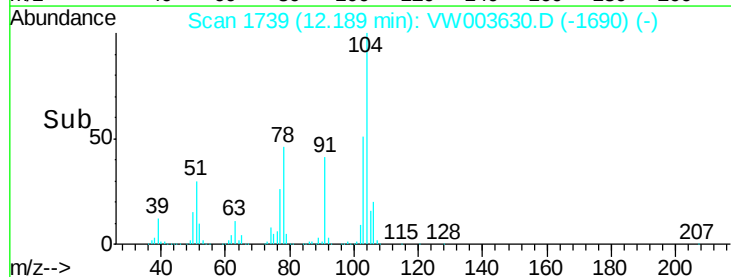
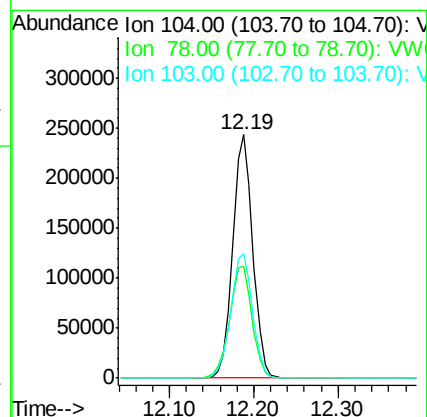
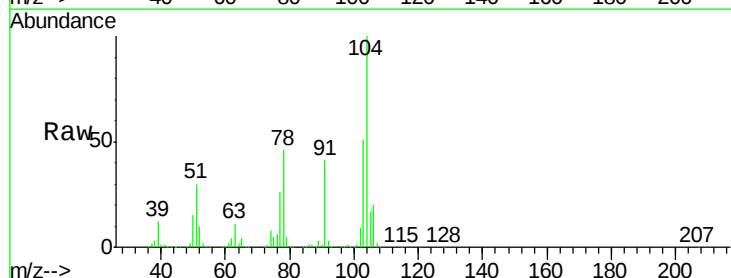
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 233768
Ion Ratio Lower Upper
106 100
91 217.0 108.6 325.6



#70
Styrene
Concen: 53.793 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion:104 Resp: 394302
Ion Ratio Lower Upper
104 100
78 51.7 41.3 61.9
103 55.8 45.0 67.4





#71

Bromoform

Concen: 51.006 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampled :

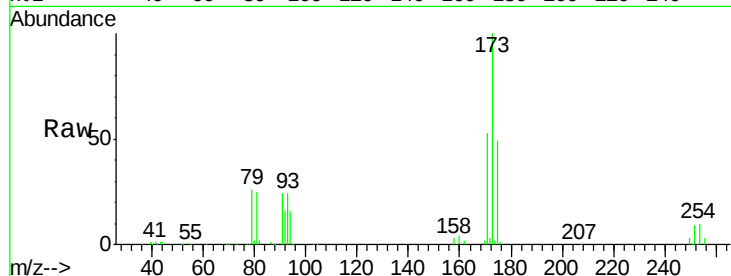
Tot Ion:173 Resp: 65507

Ion Ratio Lower Upper

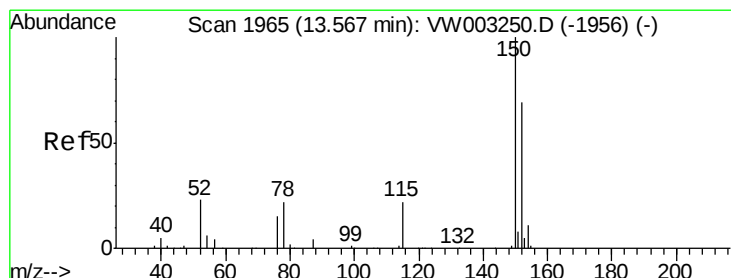
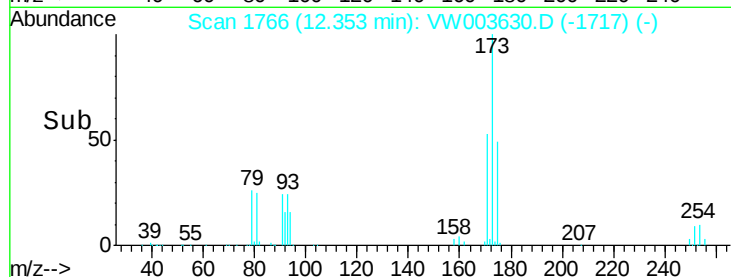
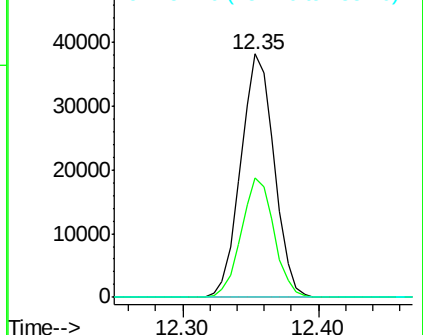
173 100

175 48.0 24.4 73.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

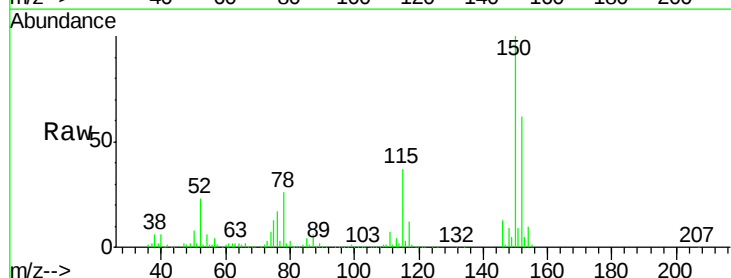
Tgt Ion:152 Resp: 179466

Ion Ratio Lower Upper

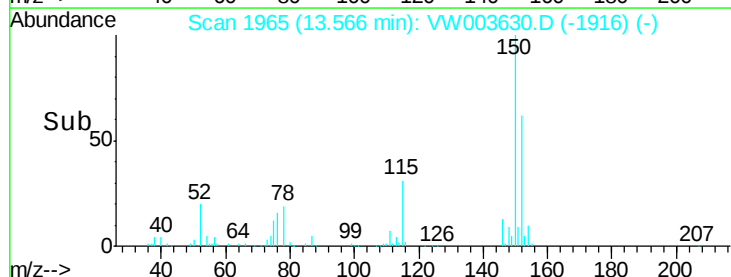
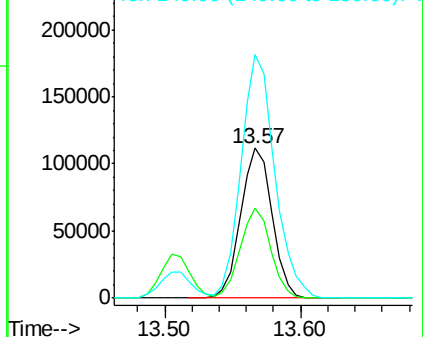
152 100

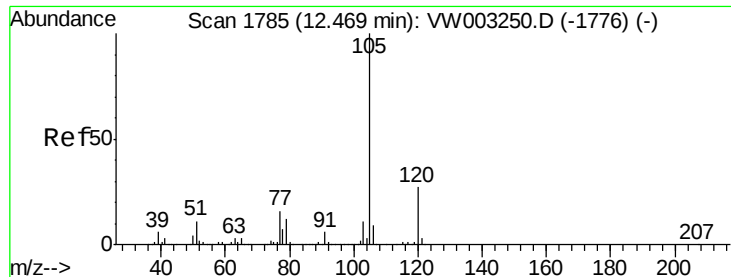
115 58.3 29.3 88.0

150 174.9 0.0 349.6



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: 53.087 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

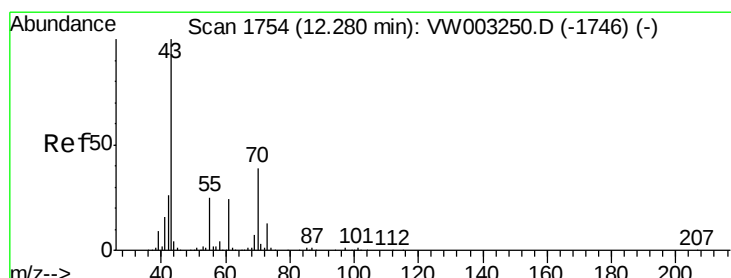
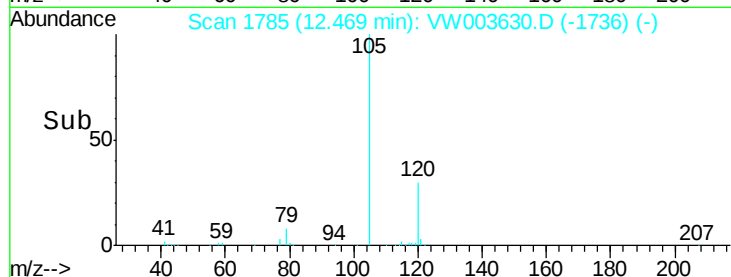
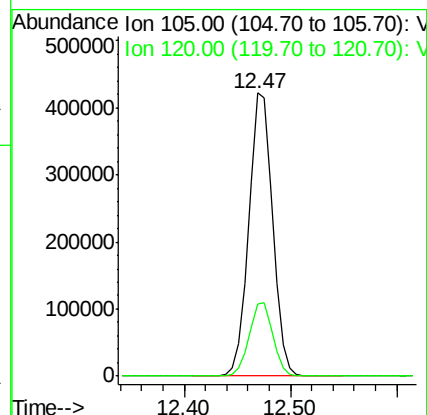
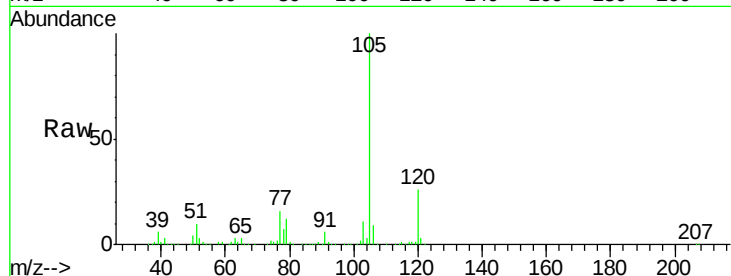
ClientSampleId :

Tot Ion:105 Resp: 662669

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 49.397 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion: 43 Resp: 140347

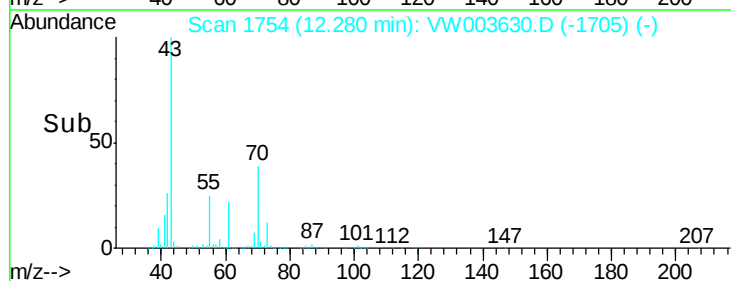
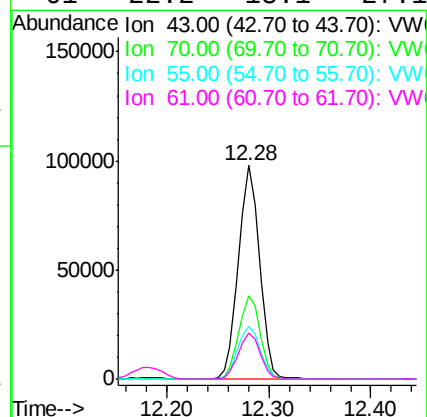
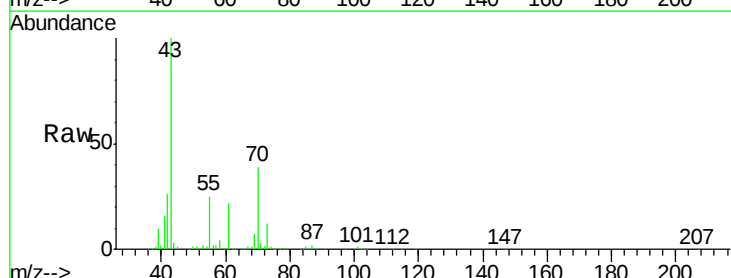
Ion Ratio Lower Upper

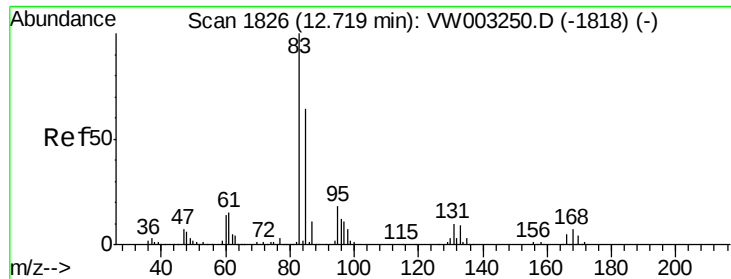
43 100

70 39.3 31.0 46.6

55 26.2 19.7 29.5

61 22.2 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.347 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

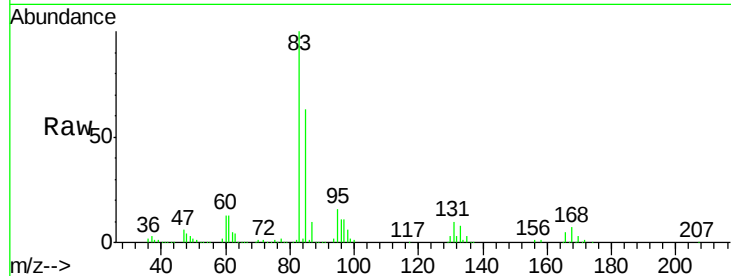
Tot Ion: 83 Resp: 108435

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

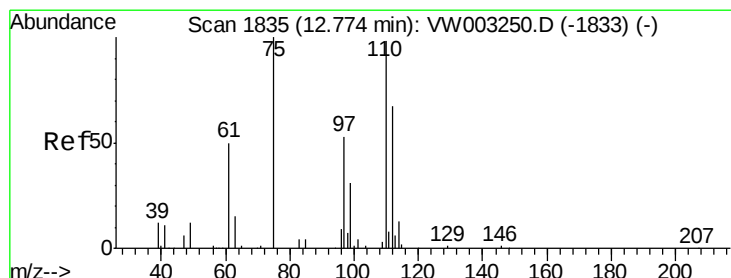
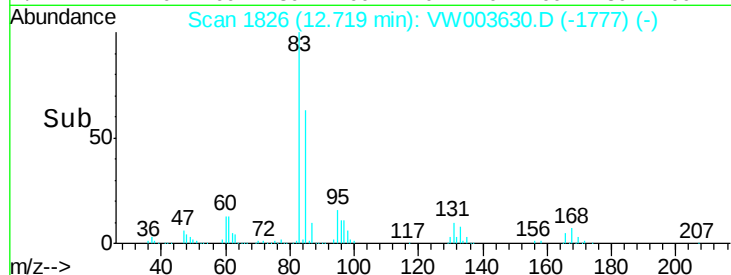
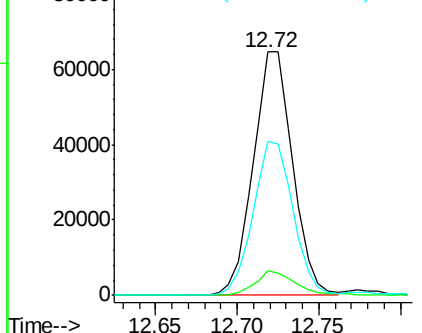
85 63.8 31.9 95.7



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: 95.412 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003630.D

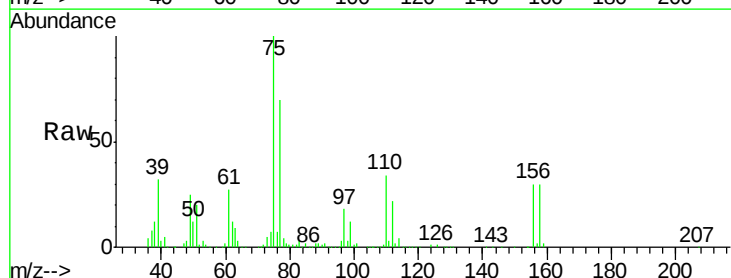
Acq: 28 Jun 2018 11:13

Tgt Ion: 75 Resp: 146383

Ion Ratio Lower Upper

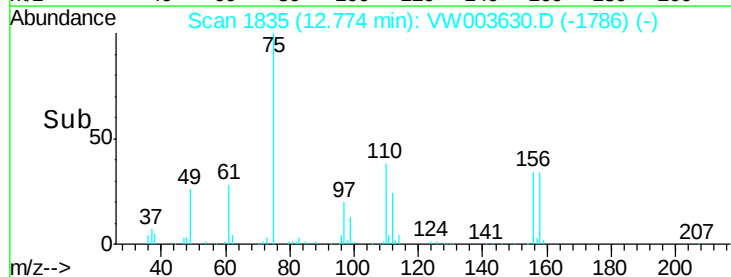
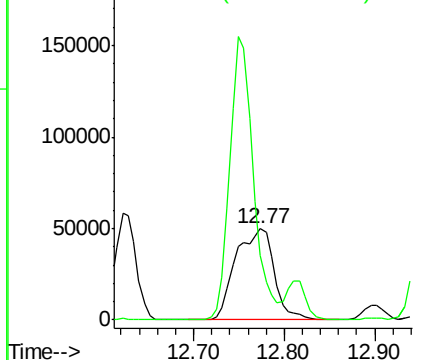
75 100

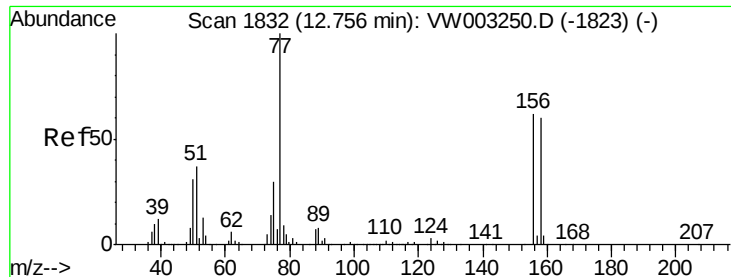
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.279 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampled :

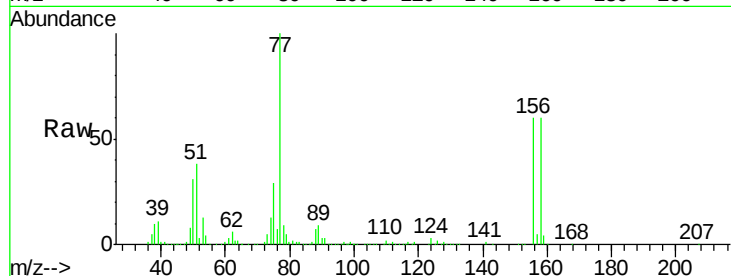
Tot Ion:156 Resp: 146165

Ion Ratio Lower Upper

156 100

77 191.5 92.3 276.9

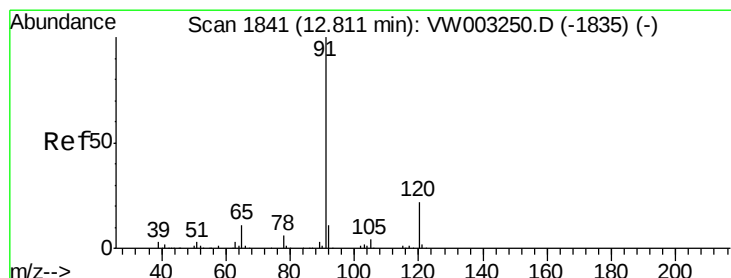
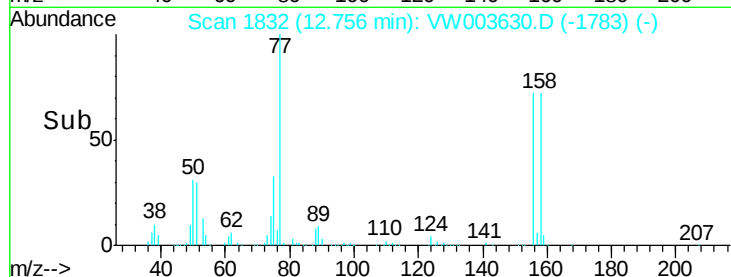
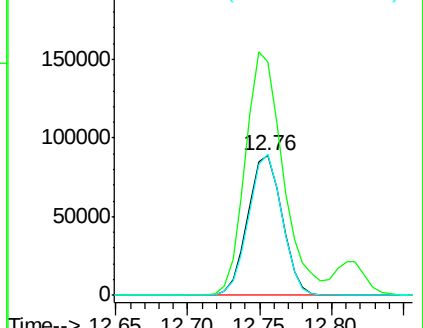
158 98.1 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.997 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003630.D

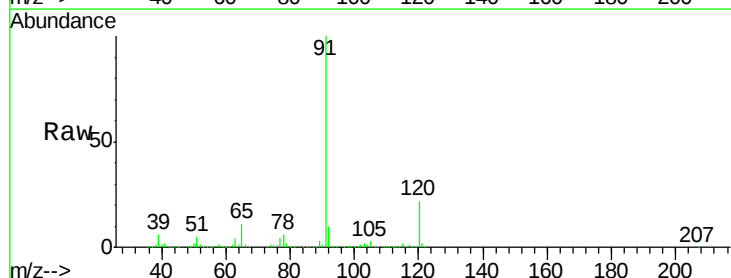
Acq: 28 Jun 2018 11:13

Tgt Ion: 91 Resp: 825335

Ion Ratio Lower Upper

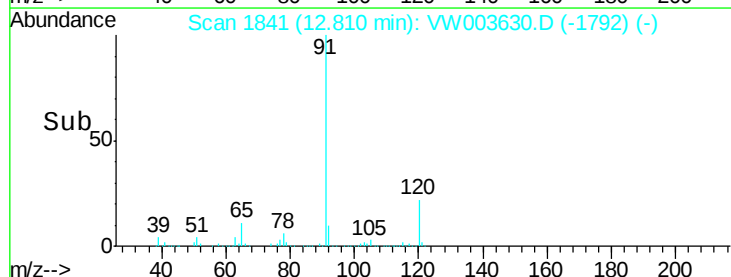
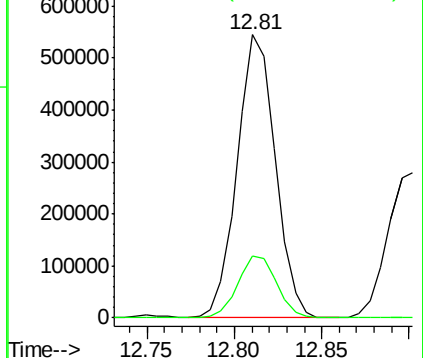
91 100

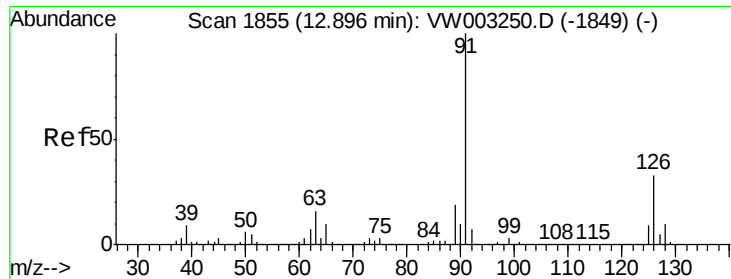
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

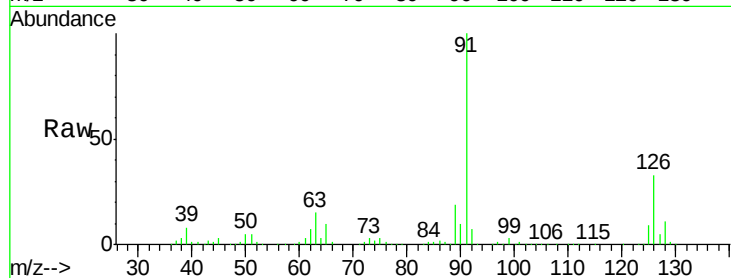




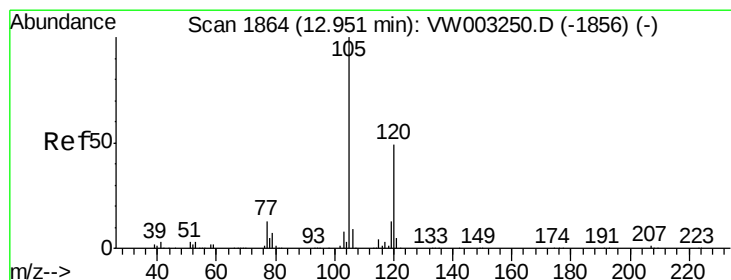
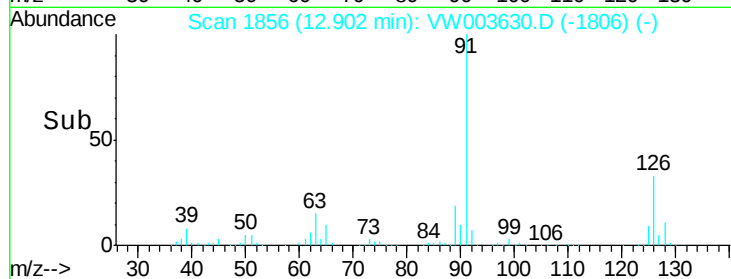
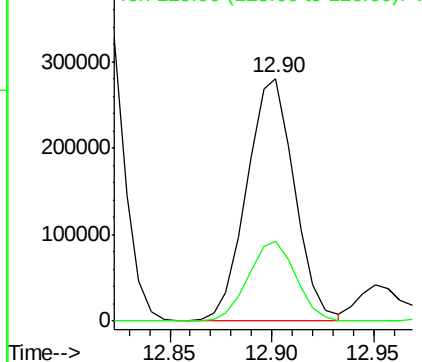
#79
 2-Chlorotoluene
 Concen: 52.804 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 91 Resp: 456104
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.8 50.4

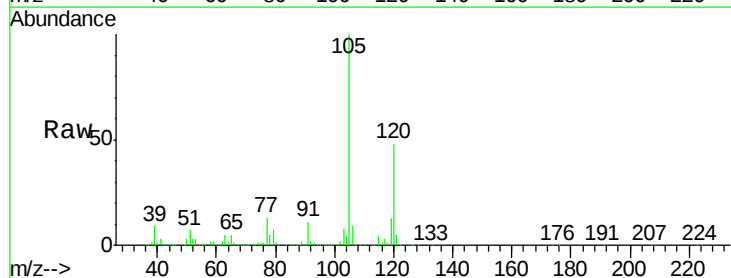


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

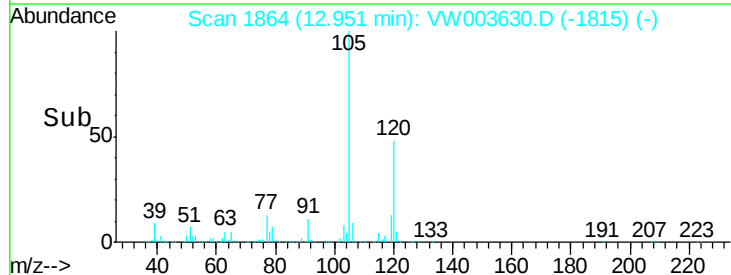
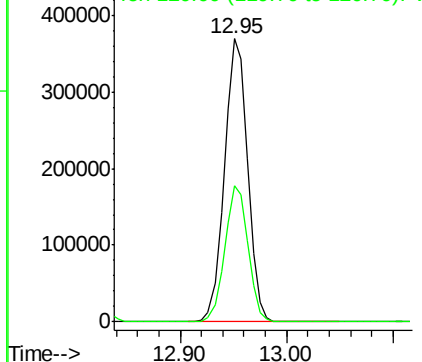


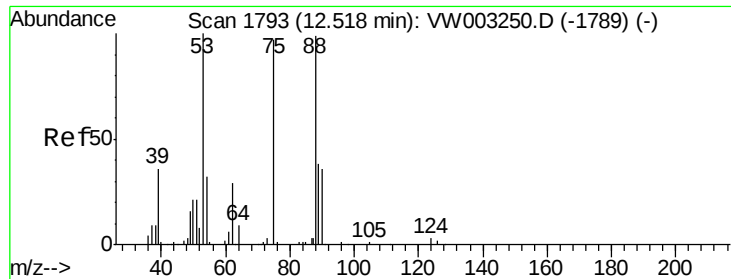
#80
 1,3,5-Trimethylbenzene
 Concen: 53.600 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion: 105 Resp: 561601
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.808 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

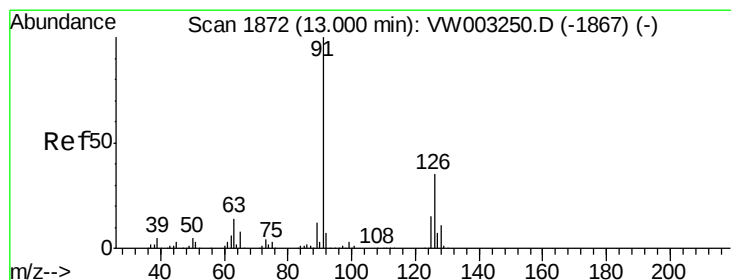
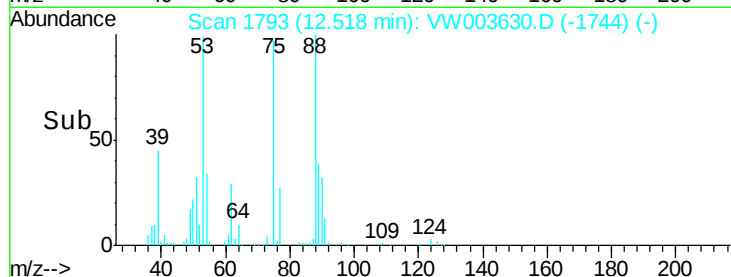
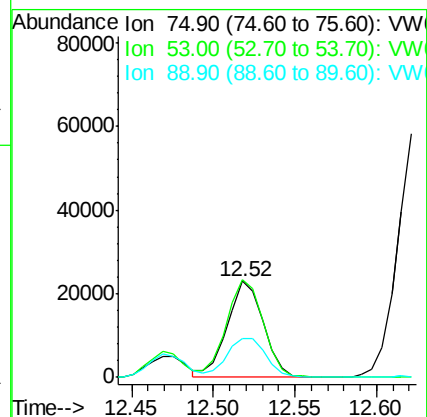
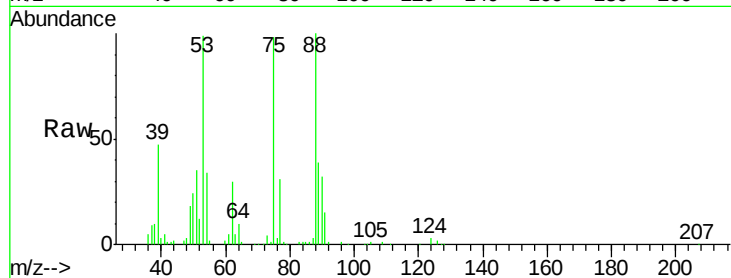
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 35210

Ion	Ratio	Lower	Upper
75	100		
53	103.6	82.9	124.3
89	44.4	36.7	55.1



#82

4-Chlorotoluene

Concen: 52.617 ug/l

RT: 13.00 min Scan# 1872

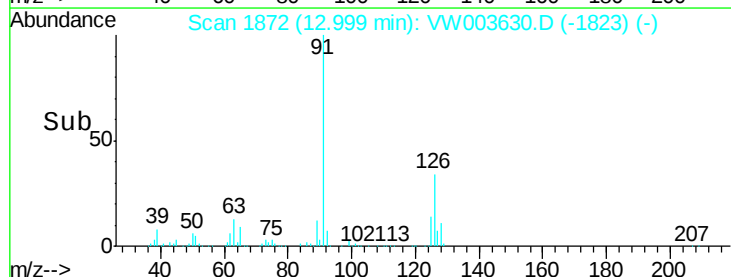
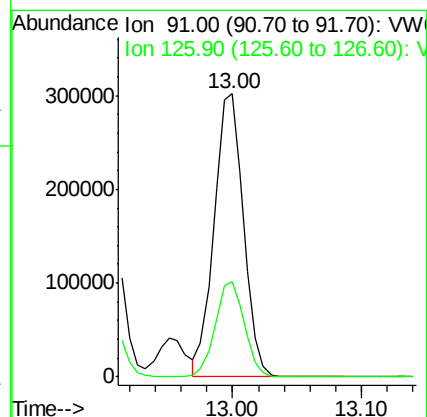
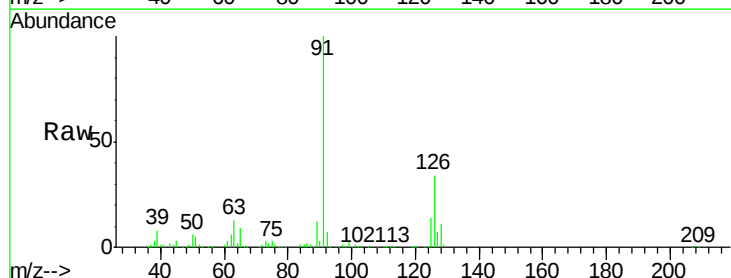
Delta R.T. -0.00 min

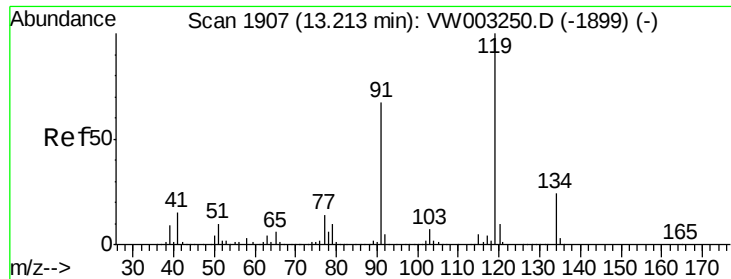
Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion: 91 Resp: 482135

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.3

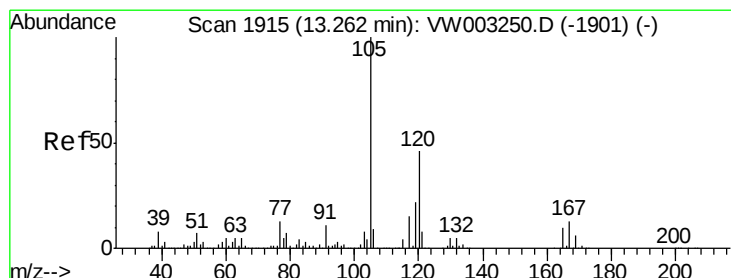
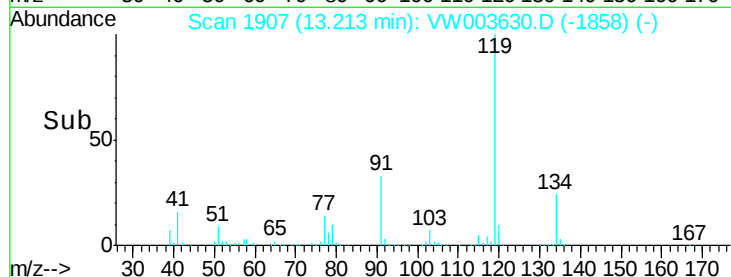
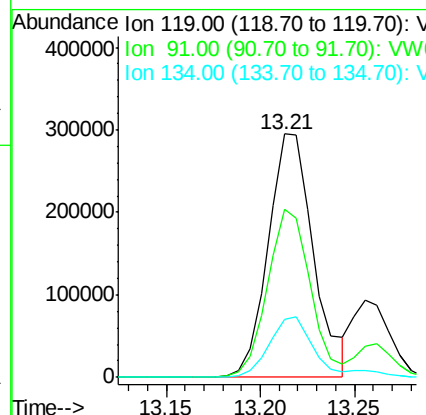
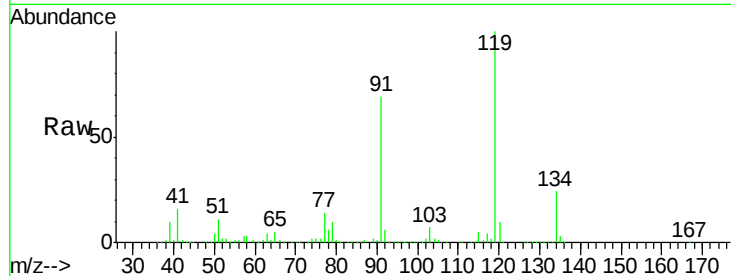




#83
tert-Butylbenzene
Concen: 55.011 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

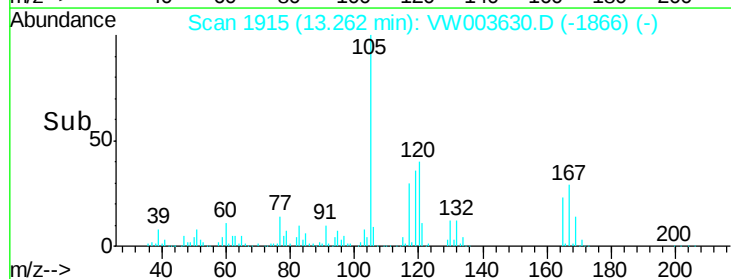
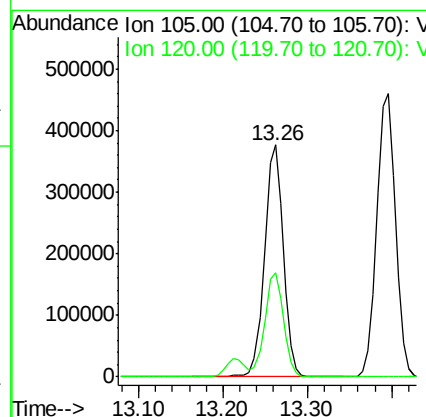
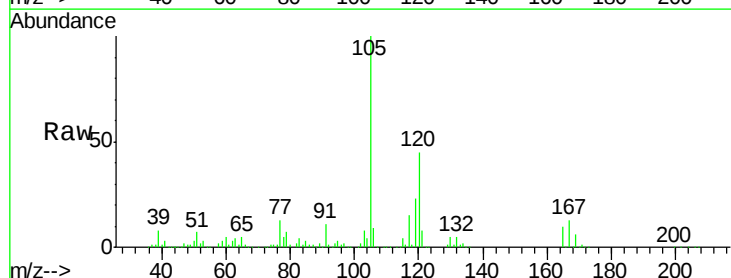
Instrument :
MSVOA_W
ClientSampleId :

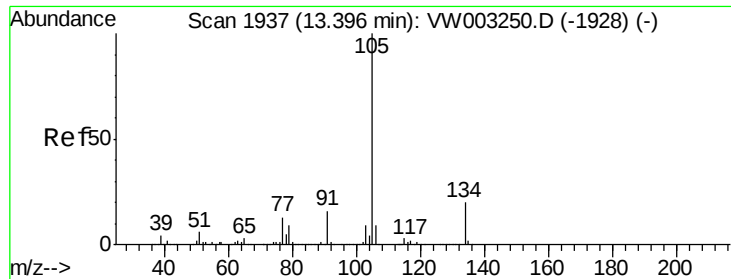
Tot Ion:119 Resp: 491205
Ion Ratio Lower Upper
119 100
91 65.5 33.9 101.7
134 25.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 53.518 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion:105 Resp: 576816
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5

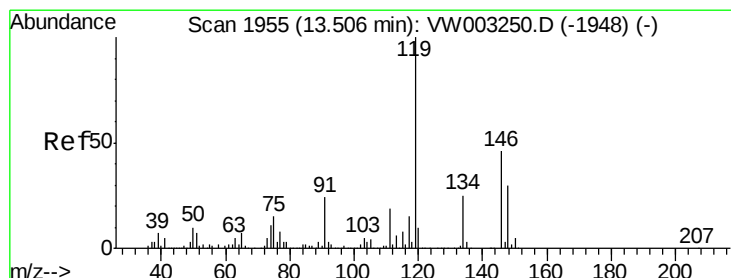
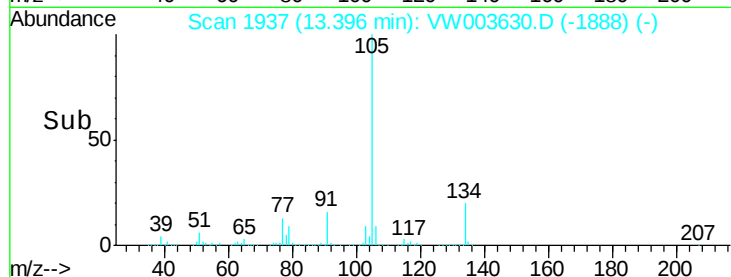
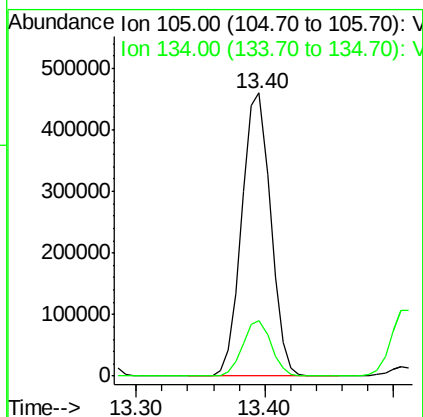
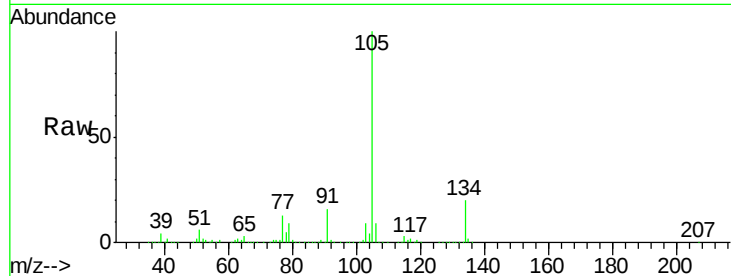




#85
 sec-Butylbenzene
 Concen: 53.684 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

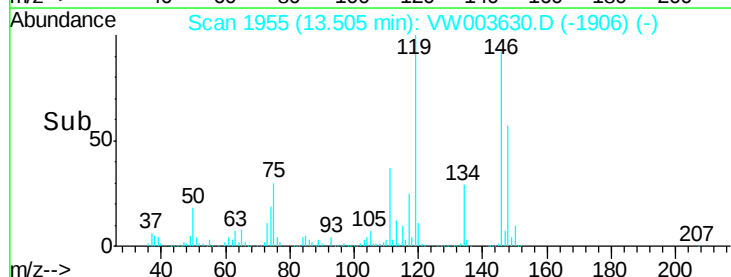
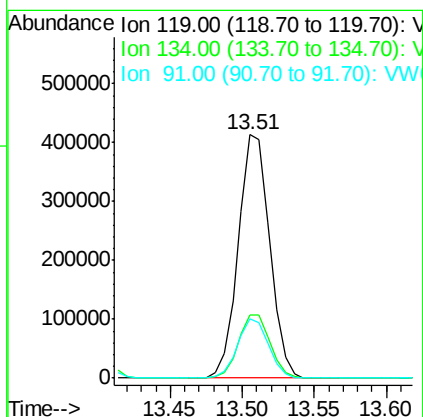
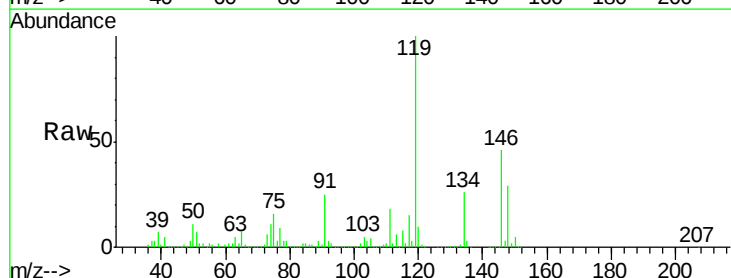
Instrument :
 MSVOA_W
 ClientSampleId :

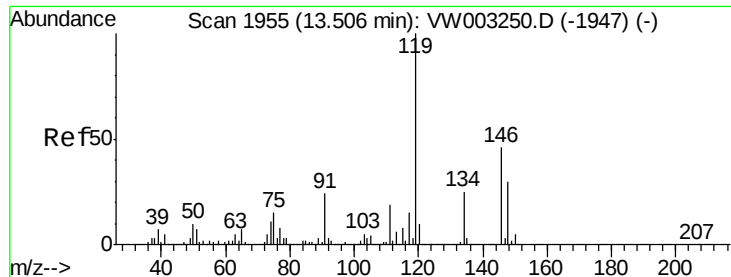
Tot Ion:105 Resp: 712519
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 53.477 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion:119 Resp: 626015
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.8 11.8 35.3

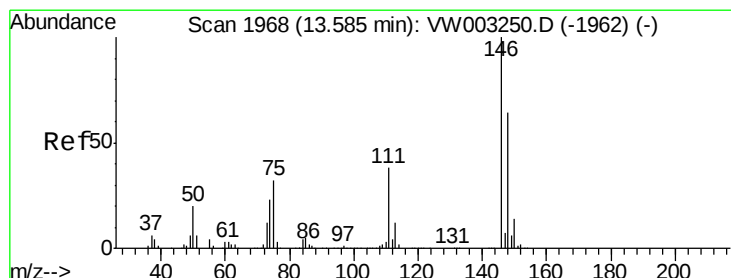
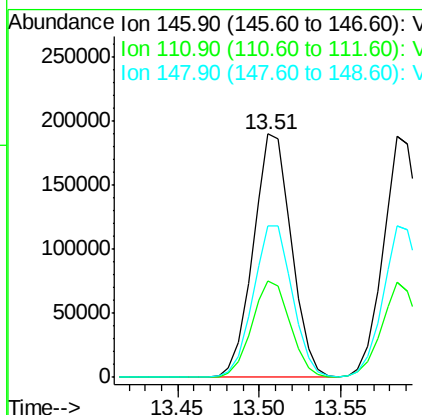
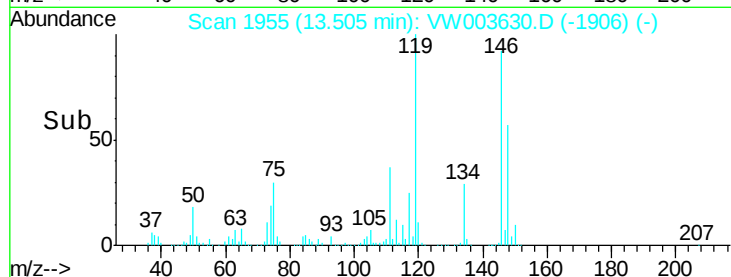
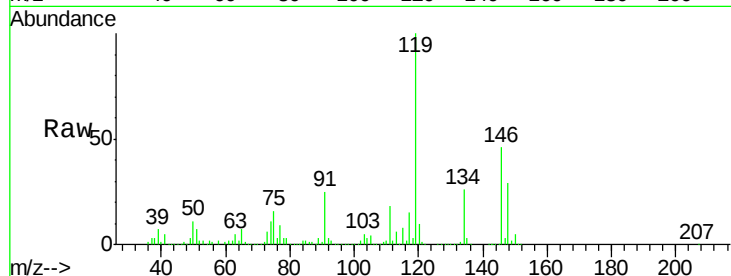




#87
 1,3-Dichlorobenzene
 Concen: 51.478 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

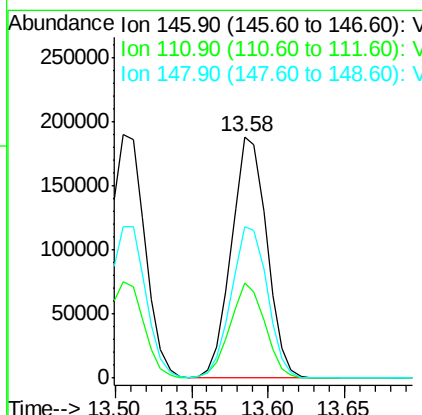
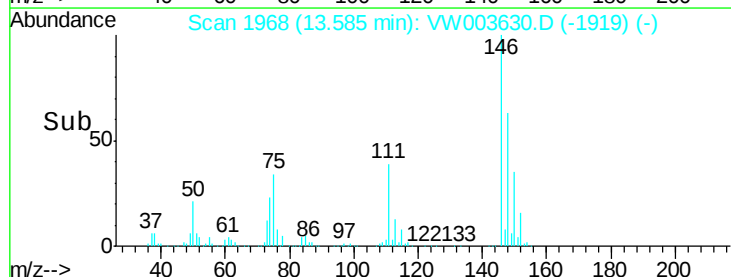
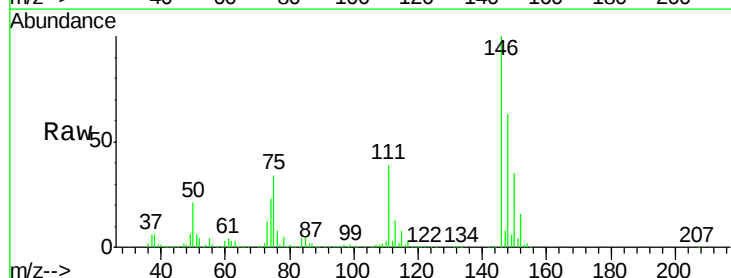
Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:146 Resp: 307426
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.4
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.972 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion:146 Resp: 302625
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.2 57.6
 148 63.9 31.8 95.4

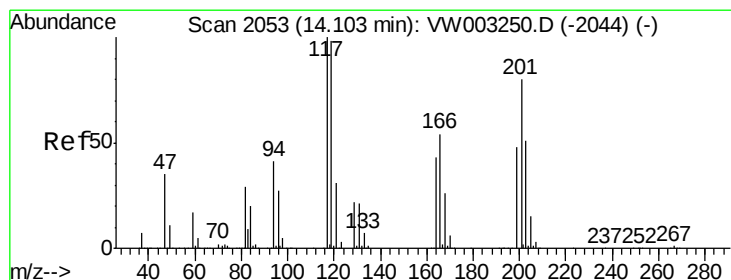
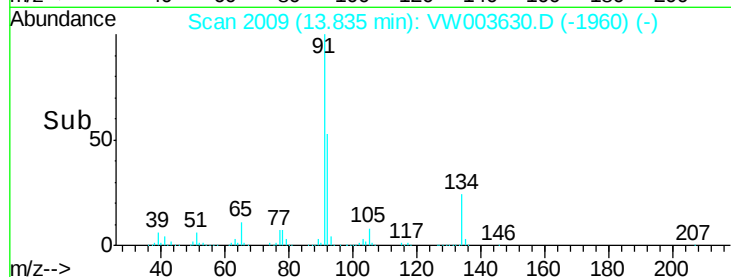
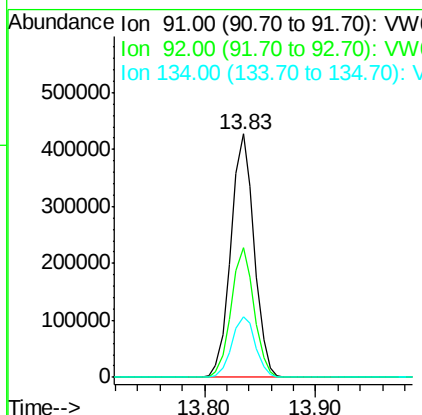
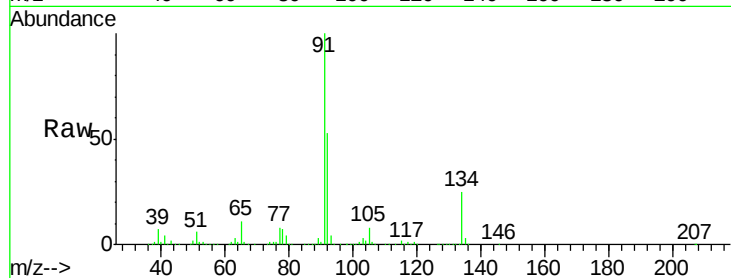




#89
n-Butylbenzene
Concen: 53.976 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

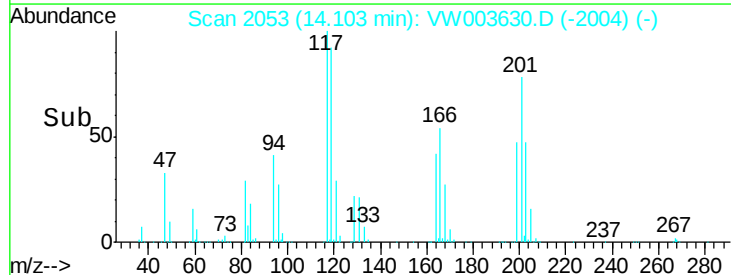
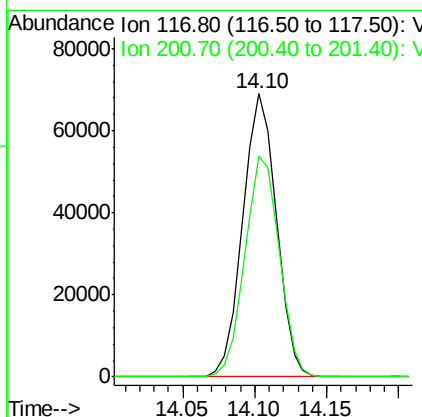
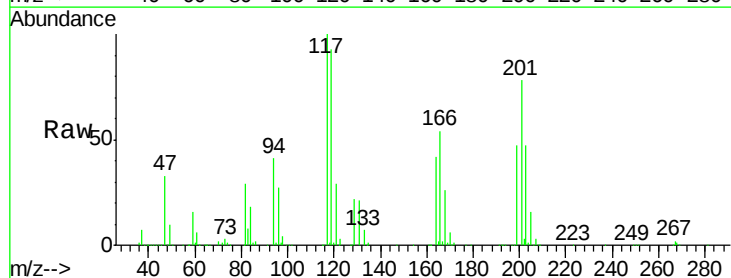
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 91 Resp: 615899
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 25.4 12.7 38.0



#90
Hexachloroethane
Concen: 52.690 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 117 Resp: 111577
Ion Ratio Lower Upper
117 100
201 79.7 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 51.633 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. 0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

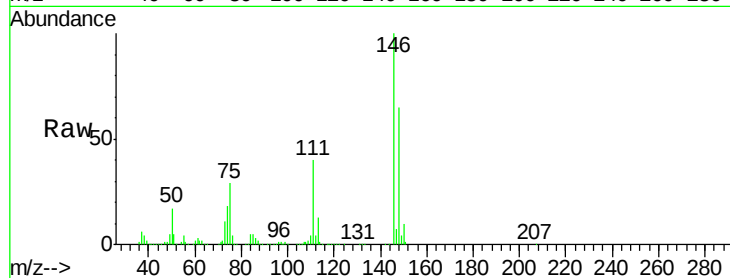
Tot Ion:146 Resp: 270104

Ion Ratio Lower Upper

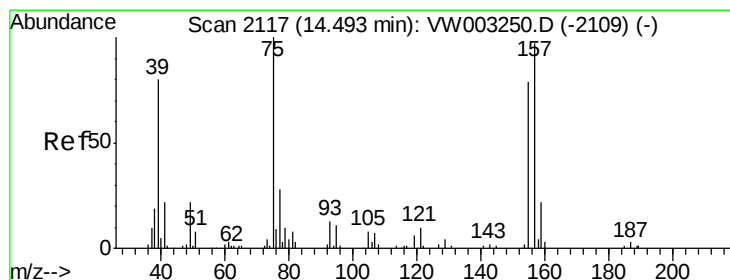
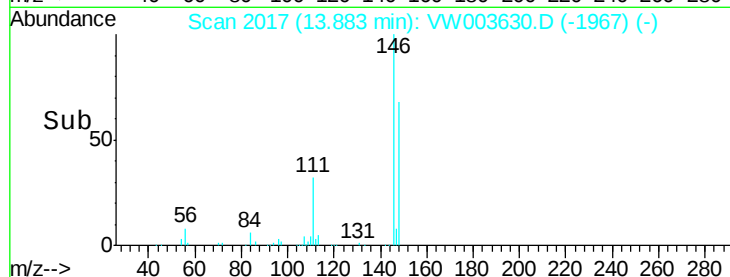
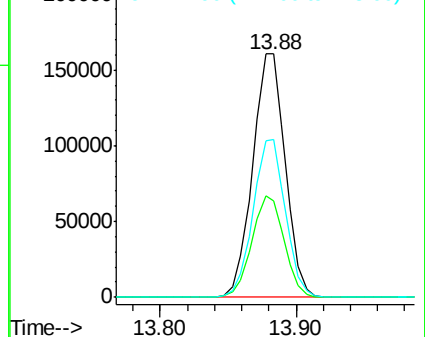
146 100

111 41.4 20.3 61.0

148 64.2 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.428 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

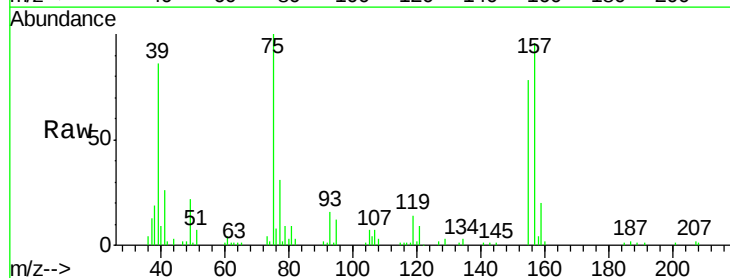
Tgt Ion: 75 Resp: 17566

Ion Ratio Lower Upper

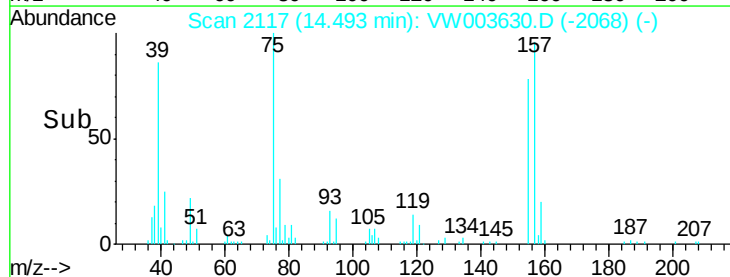
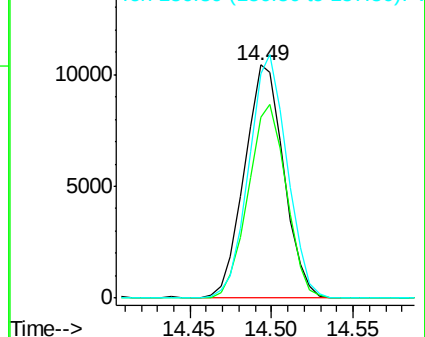
75 100

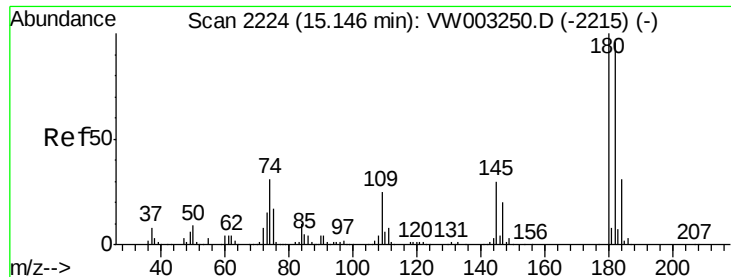
155 80.2 39.4 118.2

157 100.9 51.5 154.5



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

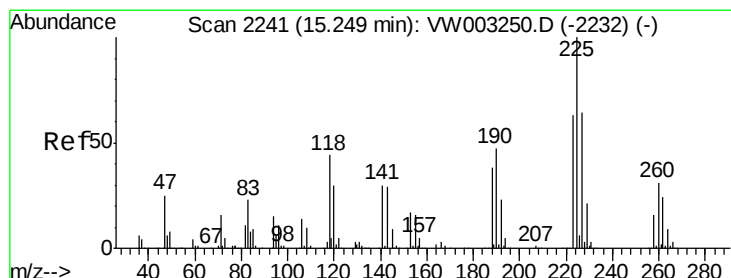
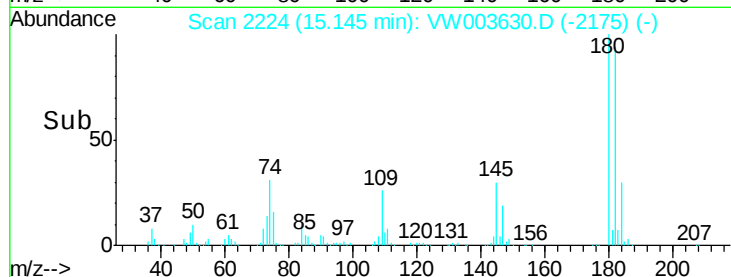
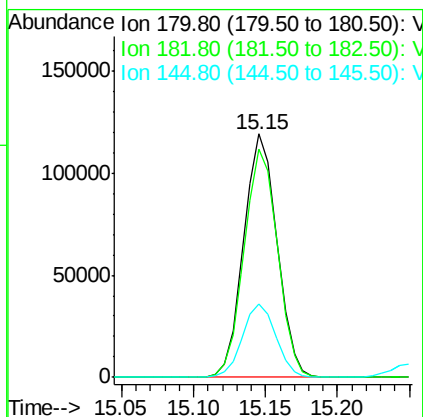
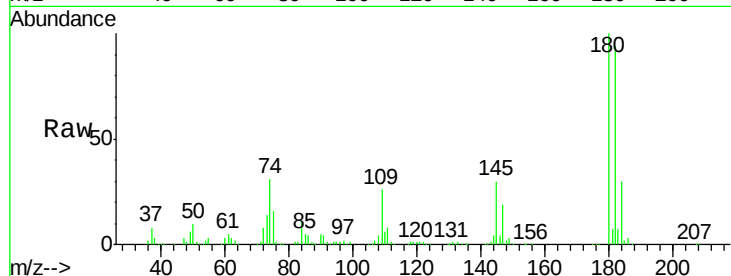




#93
 1,2,4-Trichlorobenzene
 Concen: 51.958 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

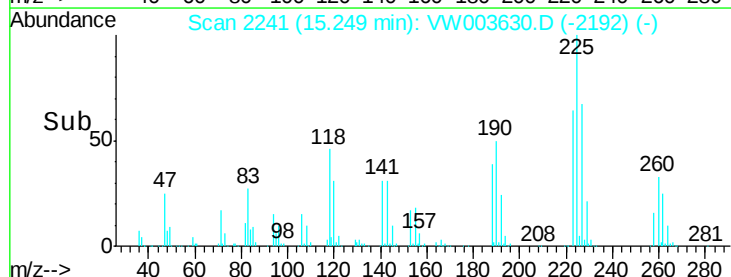
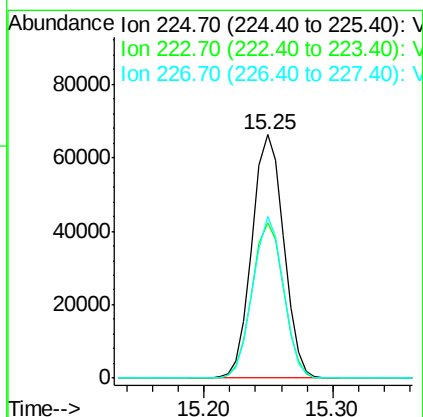
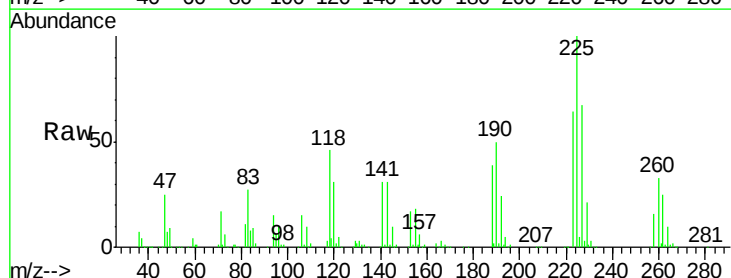
Instrument :
 MSVOA_W
 ClientSampled :

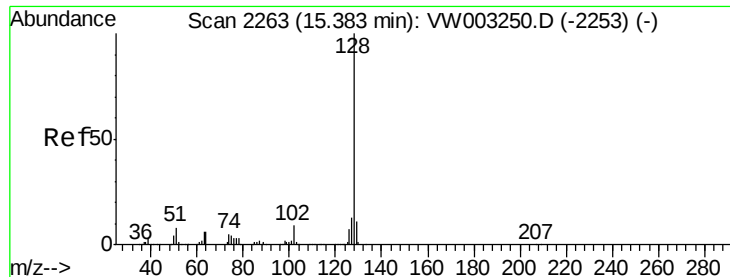
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.9	143.6
145	30.4	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 50.988 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.6	92.0
227	64.1	31.7	95.1





#95

Naphthalene

Concen: 51.553 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

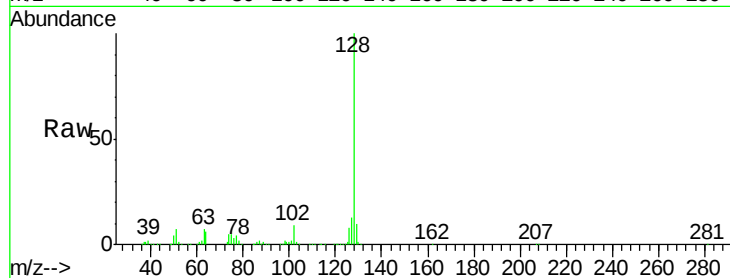
Tot Ion:128 Resp: 321151

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

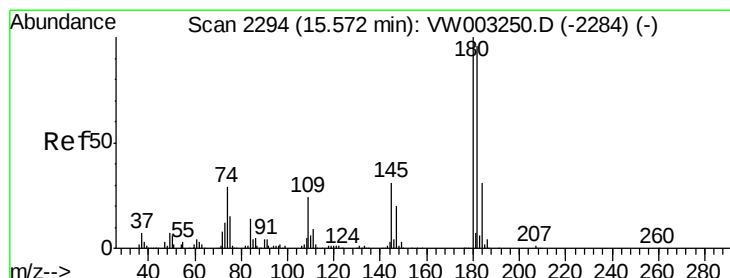
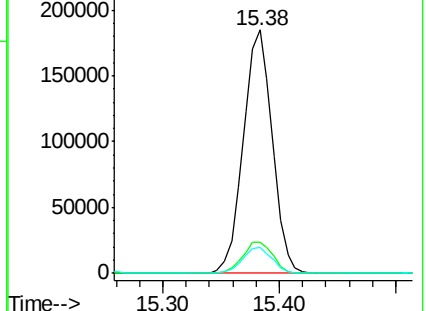
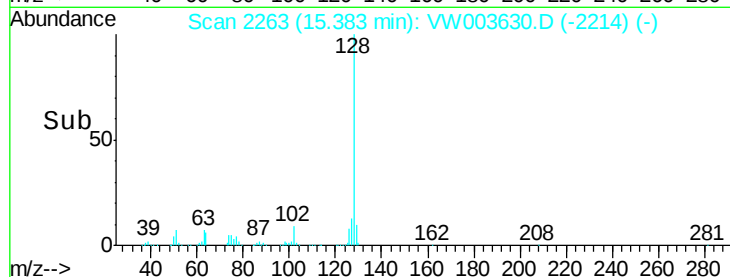
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.141 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

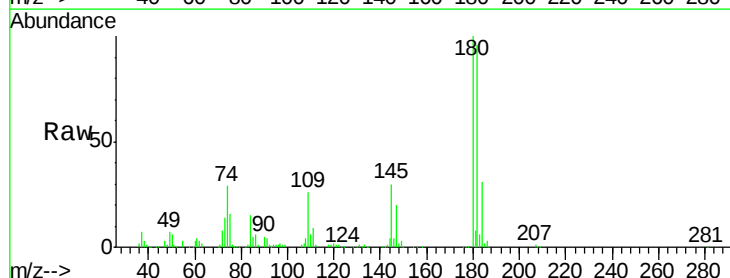
Tgt Ion:180 Resp: 165313

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 31.1 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

