

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003922.D
 Acq On : 13 Jul 2018 18:28
 Operator : VA/AP
 Sample : VW0713SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 23:53:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141953	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
35) Dibromofluoromethane	7.88	113	126603	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.33	98	498015	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.62	95	177882	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20067	17.523	ug/l	97
3) Chloromethane	2.20	50	42144	19.384	ug/l	95
4) Vinyl Chloride	2.36	62	58012	20.230	ug/l	99
5) Bromomethane	2.78	94	35749	17.661	ug/l	97
6) Chloroethane	2.92	64	34818	20.246	ug/l	97
7) Trichlorofluoromethane	3.25	101	29512	25.476	ug/l	97
8) Diethyl Ether	3.67	74	20125	16.952	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52109	23.130	ug/l	98
10) Methyl Iodide	4.26	142	74170	22.118	ug/l	99
11) Tert butyl alcohol	5.23	59	14600	87.489	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	50891	23.007	ug/l	98
13) Acrolein	3.90	56	16810	67.309	ug/l	98
14) Allyl chloride	4.65	41	87986	22.879	ug/l	98
15) Acrylonitrile	5.37	53	56593	95.192	ug/l	99
16) Acetone	4.14	43	56685	106.101	ug/l	95
17) Carbon Disulfide	4.37	76	160899	22.187	ug/l	99
18) Methyl Acetate	4.67	43	28009	18.595	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	91259	19.965	ug/l	99
20) Methylene Chloride	4.90	84	75740	27.080	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	56140	21.438	ug/l	95
22) Diisopropyl ether	6.31	45	175008	20.699	ug/l	97
23) Vinyl Acetate	6.26	43	506034	98.046	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106127	20.754	ug/l	99
25) 2-Butanone	7.18	43	77596	92.731	ug/l	97
26) 2,2-Dichloropropane	7.17	77	65236	23.521	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58634	20.248	ug/l	97
28) Bromochloromethane	7.51	49	44509	19.539	ug/l	100
29) Tetrahydrofuran	7.54	42	47983	89.201	ug/l	97
30) Chloroform	7.68	83	105222	20.171	ug/l	98
31) Cyclohexane	7.95	56	97462	21.689	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	85231	21.468	ug/l	100
36) 1,1-Dichloropropene	8.08	75	86093	21.977	ug/l	99
37) Ethyl Acetate	7.26	43	35903	18.836	ug/l	99
38) Carbon Tetrachloride	8.07	117	80044	21.490	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	94541	22.035	ug/l	98
40) Benzene	8.32	78	236338	21.103	ug/l	99
41) Methacrylonitrile	7.49	41	21155	19.294	ug/l	94
42) 1,2-Dichloroethane	8.40	62	71702	19.782	ug/l	99
43) Isopropyl Acetate	8.43	43	65647	18.172	ug/l	98
44) Trichloroethene	9.09	130	59685	21.139	ug/l	99
45) 1,2-Dichloropropane	9.37	63	60069	20.628	ug/l	98
46) Dibromomethane	9.46	93	30294	19.785	ug/l	98
47) Bromodichloromethane	9.65	83	75541	20.054	ug/l	96
48) Methyl methacrylate	9.44	41	32214	18.724	ug/l	96
49) 1,4-Dioxane	9.49	88	8097	353.823	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	172566	92.309	ug/l	99
52) Toluene	10.39	92	150124	21.617	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	76067	20.225	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	87754	20.669	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42178	19.834	ug/l	92
56) Ethyl methacrylate	10.65	69	49334	19.010	ug/l	96
57) 1,3-Dichloropropane	10.93	76	74174	20.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	107019	87.366	ug/l	100
59) 2-Hexanone	10.98	43	119461	93.059	ug/l	98
60) Dibromochloromethane	11.13	129	47101	18.974	ug/l	98
61) 1,2-Dibromoethane	11.24	107	38563	18.962	ug/l	99
64) Tetrachloroethene	10.87	164	50612	20.249	ug/l	97
65) Chlorobenzene	11.66	112	159170	21.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	53748	20.648	ug/l	100
67) Ethyl Benzene	11.74	91	278480	21.864	ug/l	99
68) m/p-Xylenes	11.84	106	215710	44.226	ug/l	99
69) o-Xylene	12.17	106	99087	22.016	ug/l	98
70) Styrene	12.18	104	165049	21.566	ug/l	100
71) Bromoform	12.35	173	27671	19.262	ug/l #	99
73) Isopropylbenzene	12.47	105	275973	22.892	ug/l	99
74) N-amyl acetate	12.28	43	61069	18.689	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	48327	19.775	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64838	37.092	ug/l #	100
77) Bromobenzene	12.75	156	64286	21.480	ug/l	99
78) n-propylbenzene	12.81	91	347468	22.961	ug/l	100
79) 2-Chlorotoluene	12.90	91	195449	22.480	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	237305	22.839	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14132	19.777	ug/l	96
82) 4-Chlorotoluene	12.99	91	206578	22.096	ug/l	99
83) tert-Butylbenzene	13.21	119	197115	23.003	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	244044	22.609	ug/l	99
85) sec-Butylbenzene	13.39	105	291955	22.776	ug/l	100
86) p-Isopropyltoluene	13.51	119	259117	23.133	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	132115	21.788	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	130440	21.392	ug/l	99
89) n-Butylbenzene	13.83	91	249663	22.659	ug/l	99
90) Hexachloroethane	14.10	117	46353	21.483	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	115089	21.088	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7672	18.136	ug/l	98

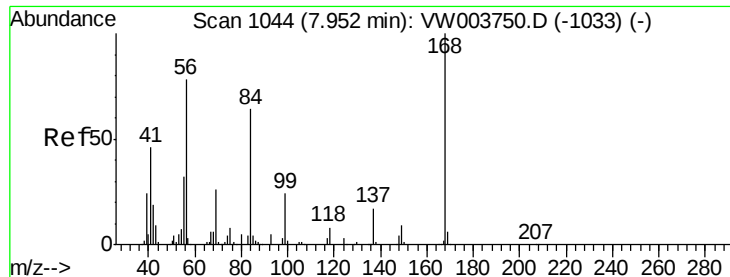
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	78574	21.270	ug/l	98
94) Hexachlorobutadiene	15.24	225	47339	22.403	ug/l	97
95) Naphthalene	15.38	128	130393	19.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68682	20.764	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: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

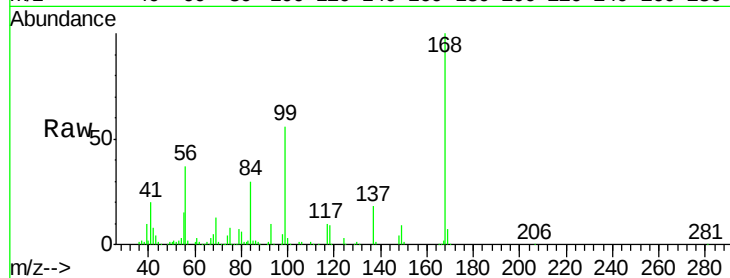
ClientSampleId :

Tot Ion:168 Resp: 235473

Ion Ratio Lower Upper

168 100

99 55.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

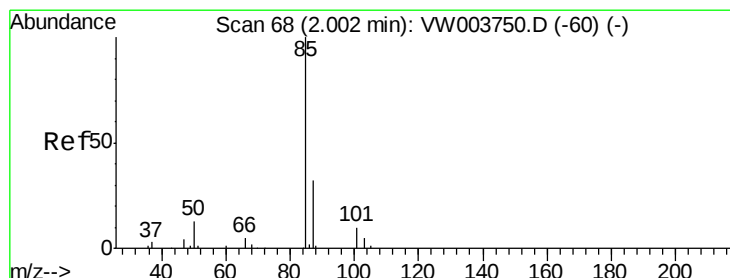
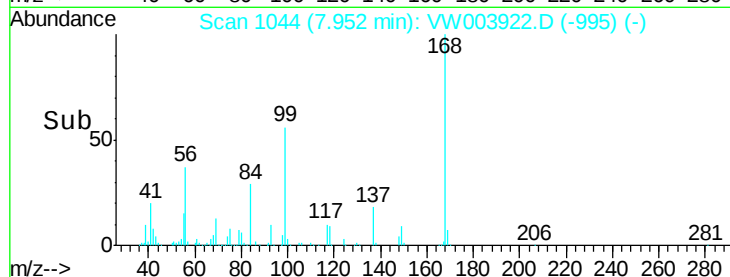
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 17.523 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003922.D

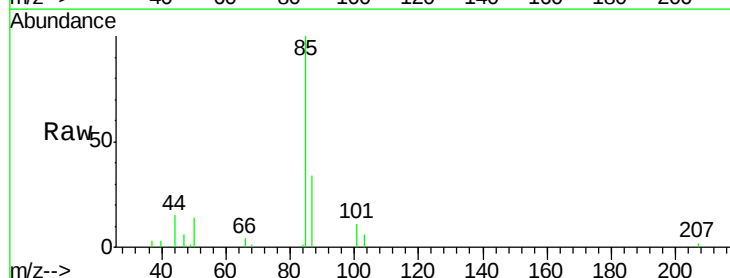
Acq: 13 Jul 2018 18:28

Tgt Ion: 85 Resp: 20067

Ion Ratio Lower Upper

85 100

87 34.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

4000

2000

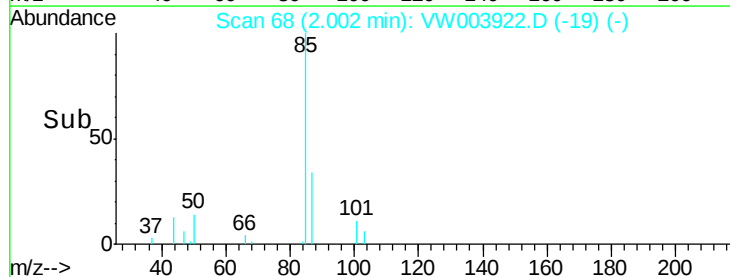
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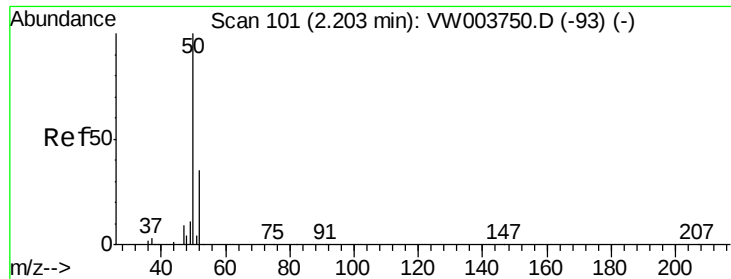
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 19.384 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

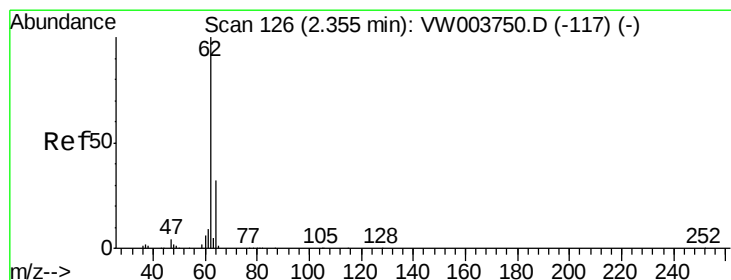
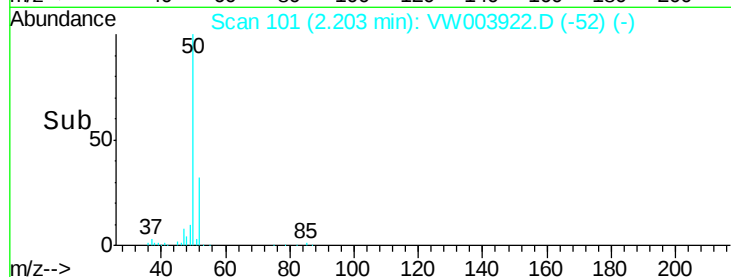
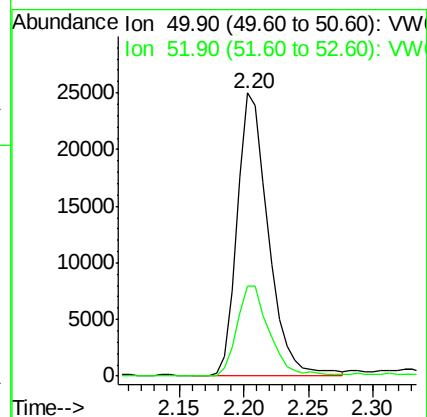
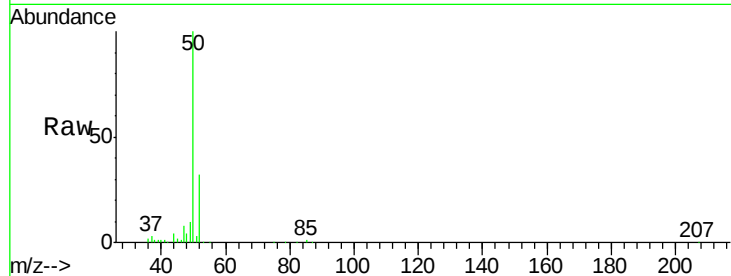
ClientSampled :

Tot Ion: 50 Resp: 42144

Ion Ratio Lower Upper

50 100

52 31.9 27.8 41.6



#4

Vinyl Chloride

Concen: 20.230 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003922.D

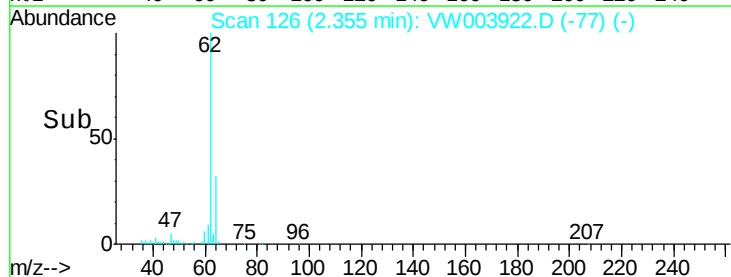
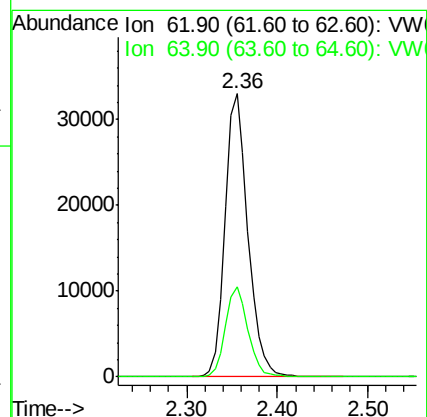
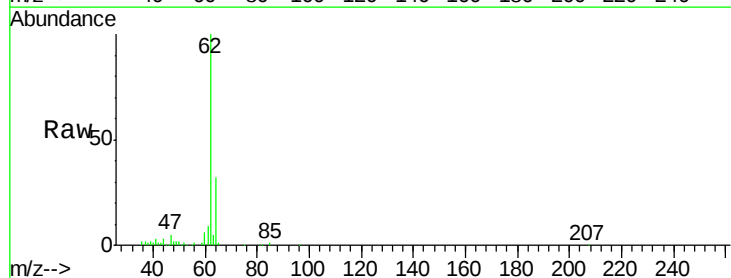
Acq: 13 Jul 2018 18:28

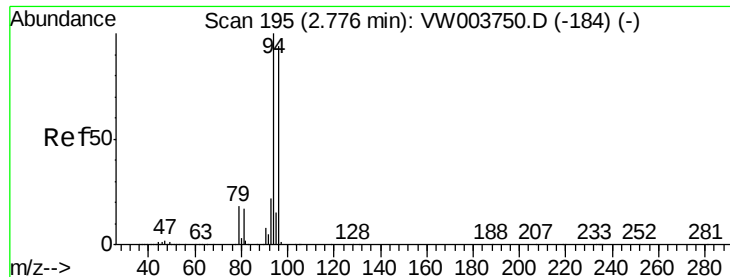
Tgt Ion: 62 Resp: 58012

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 17.661 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

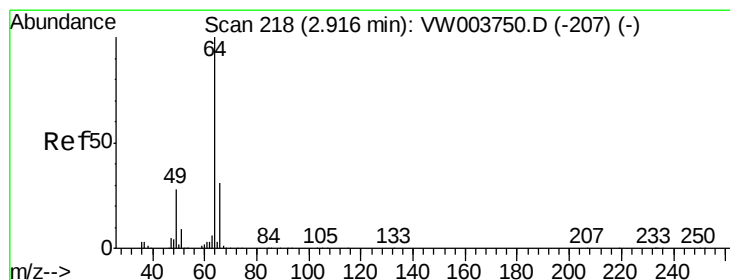
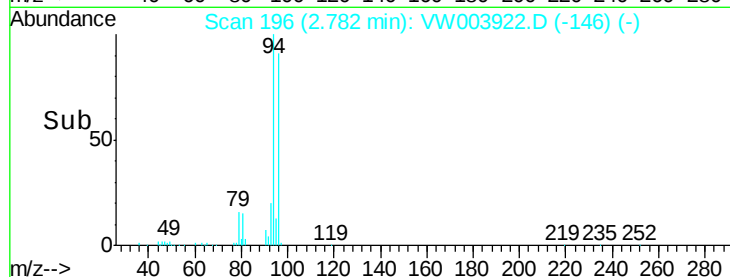
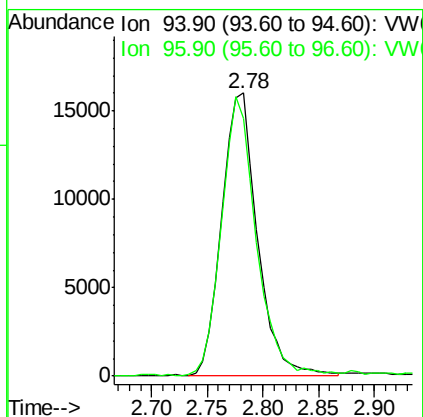
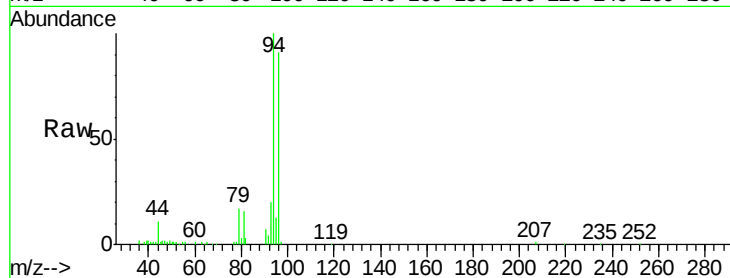
ClientSampled :

Tot Ion: 94 Resp: 35749

Ion Ratio Lower Upper

94 100

96 90.4 74.8 112.2



#6

Chloroethane

Concen: 20.246 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003922.D

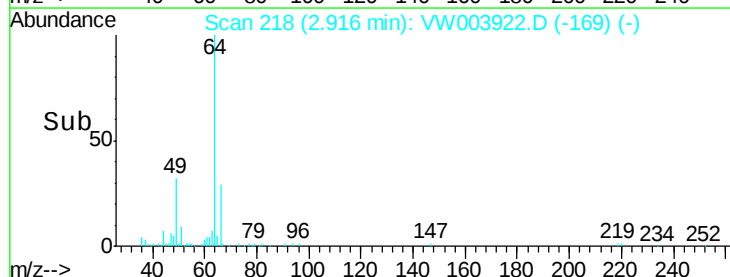
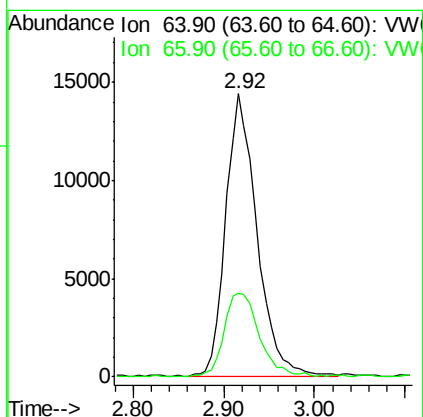
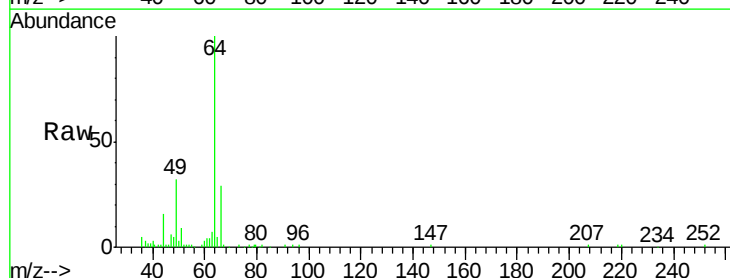
Acq: 13 Jul 2018 18:28

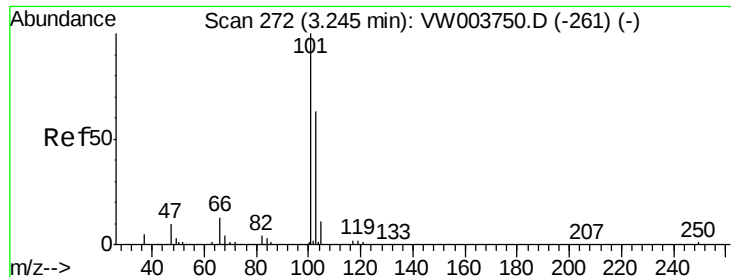
Tgt Ion: 64 Resp: 34818

Ion Ratio Lower Upper

64 100

66 29.5 25.1 37.7



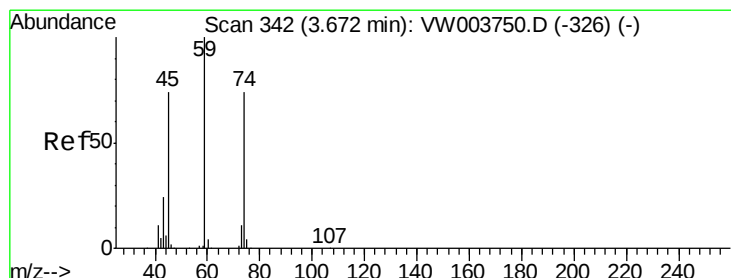
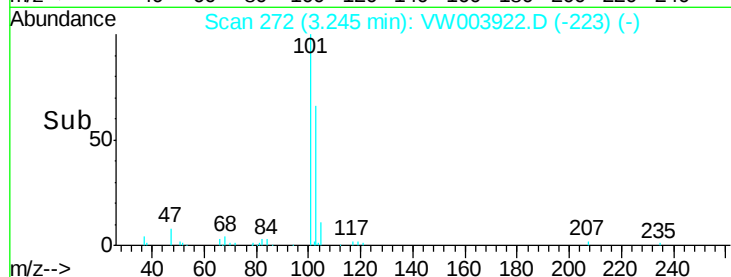
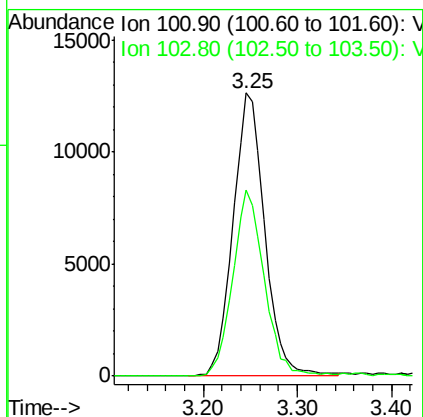
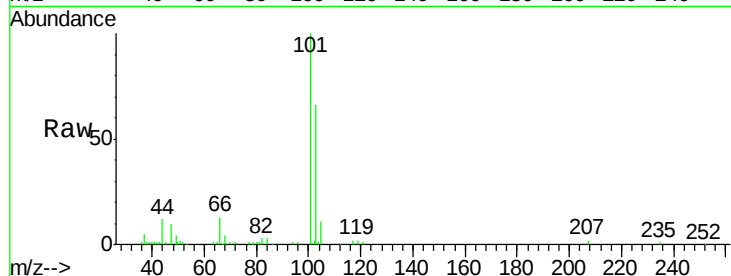


#7

Trichlorofluoromethane
Concen: 25.476 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Instrument :
MSVOA_W
ClientSampleId :

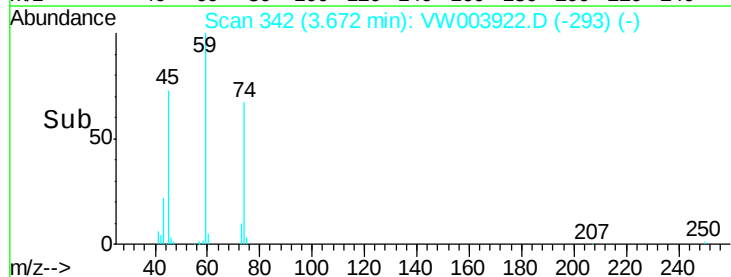
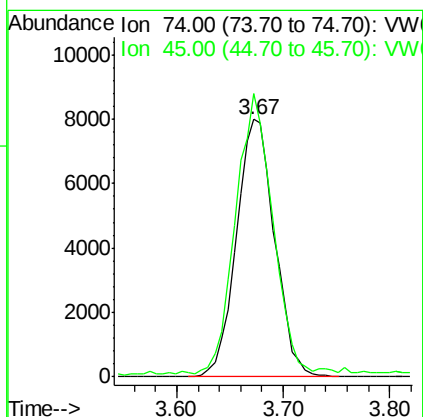
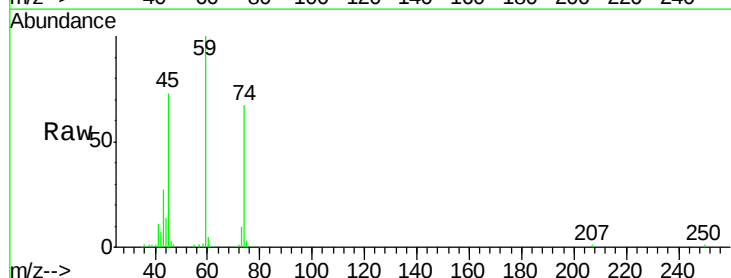
Tot Ion:101 Resp: 29512
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1

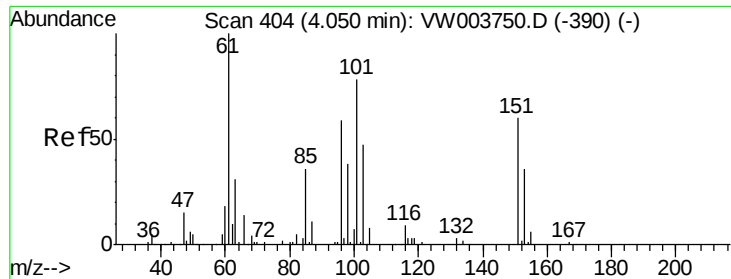


#8

Diethyl Ether
Concen: 16.952 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 74 Resp: 20125
Ion Ratio Lower Upper
74 100
45 106.8 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.130 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

ClientSampled :

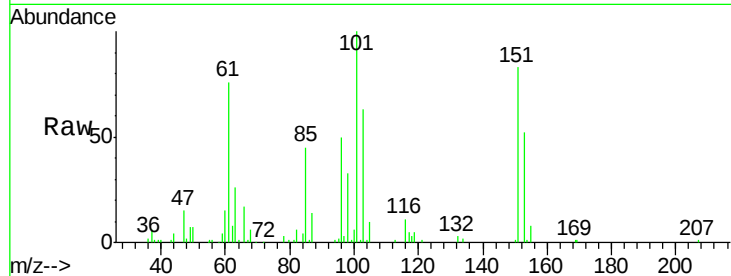
Tot Ion:101 Resp: 52109

Ion Ratio Lower Upper

101 100

85 43.9 37.1 55.7

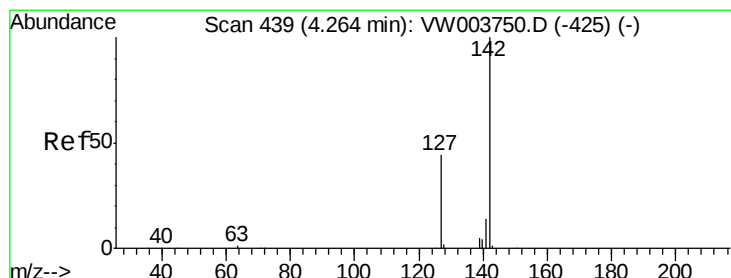
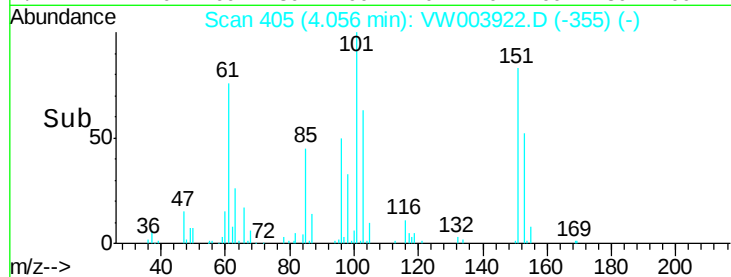
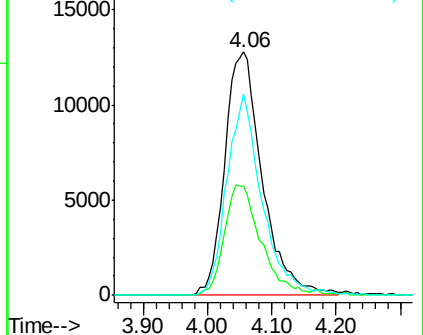
151 77.4 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.118 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

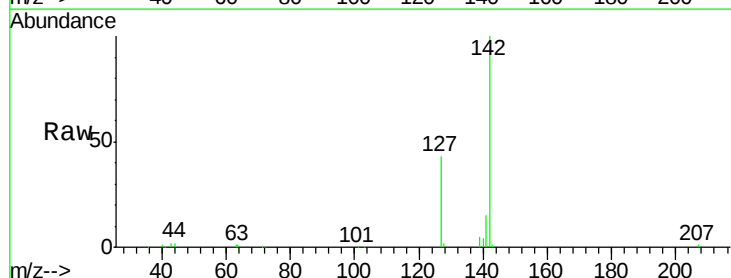
Tgt Ion:142 Resp: 74170

Ion Ratio Lower Upper

142 100

127 44.6 36.1 54.1

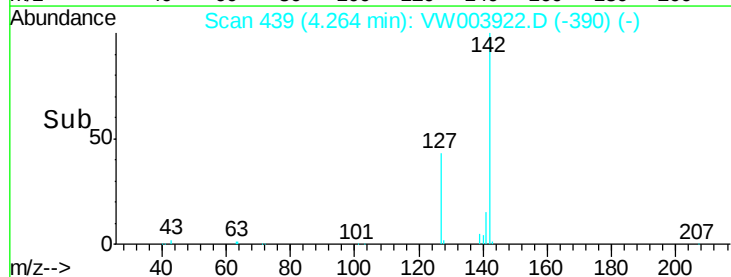
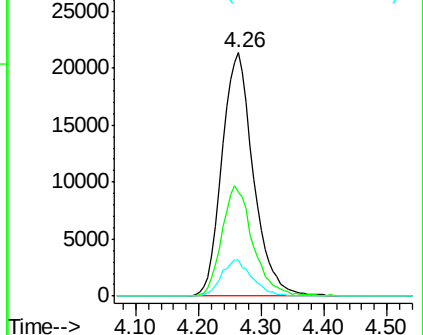
141 14.6 11.6 17.4

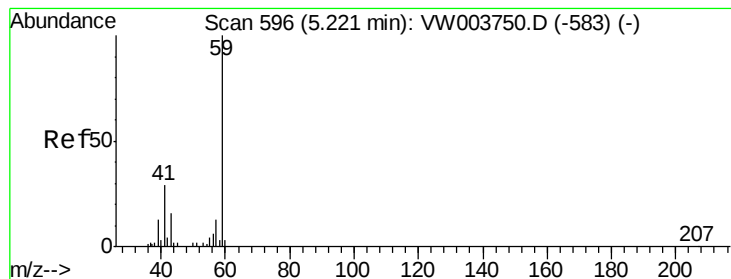


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



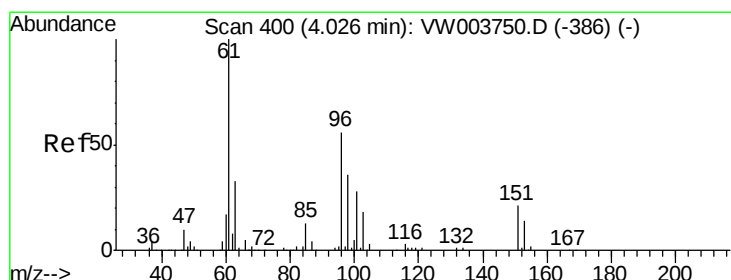
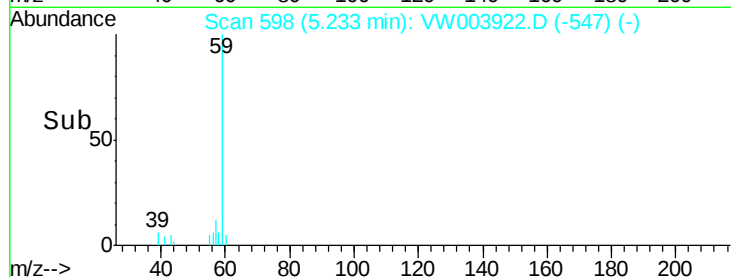
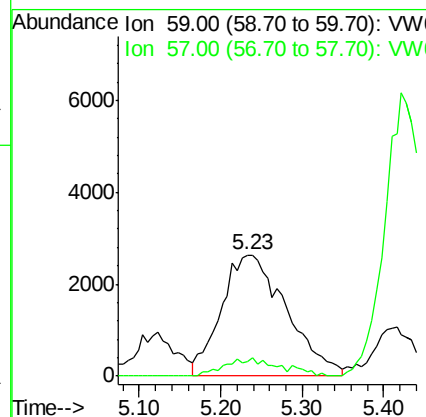
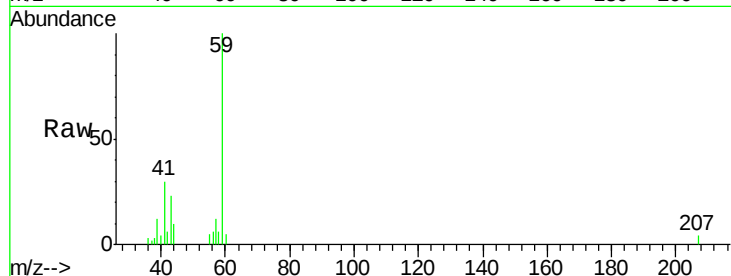


#11

Tert butyl alcohol
Concen: 87.489 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.01 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Instrument :
MSVOA_W
ClientSampled :

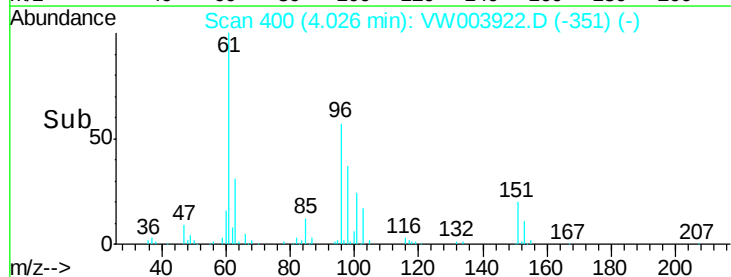
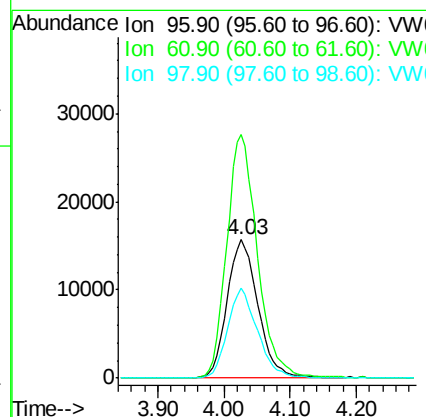
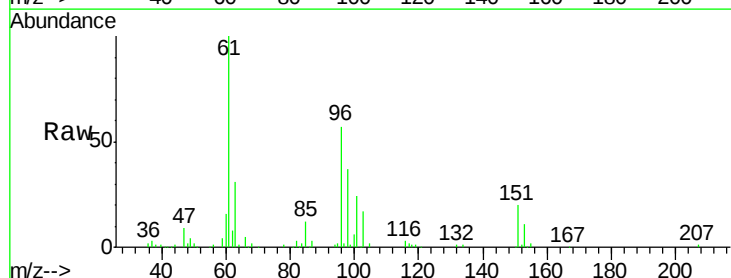
Tot Ion: 59 Resp: 14600
Ion Ratio Lower Upper
59 100
57 4.7 9.3 13.9#

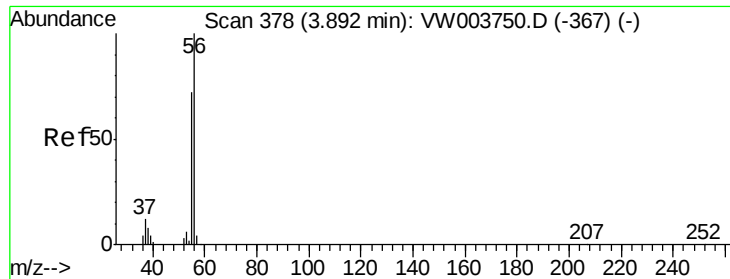


#12

1,1-Dichloroethene
Concen: 23.007 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 96 Resp: 50891
Ion Ratio Lower Upper
96 100
61 176.2 143.2 214.8
98 64.9 51.4 77.0





#13

Acrolein

Concen: 67.309 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

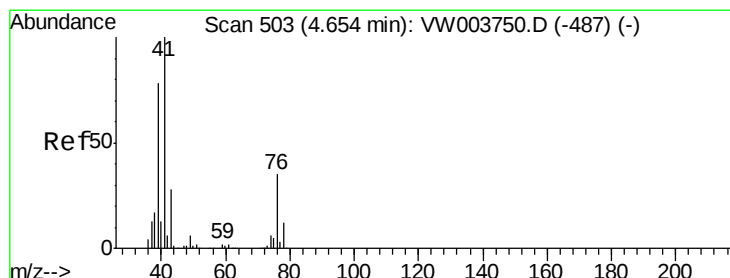
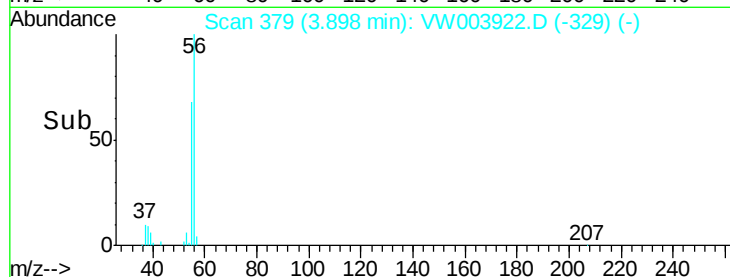
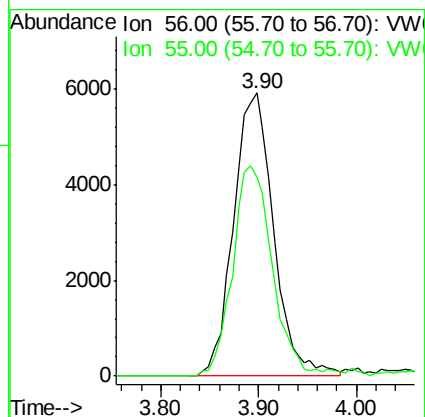
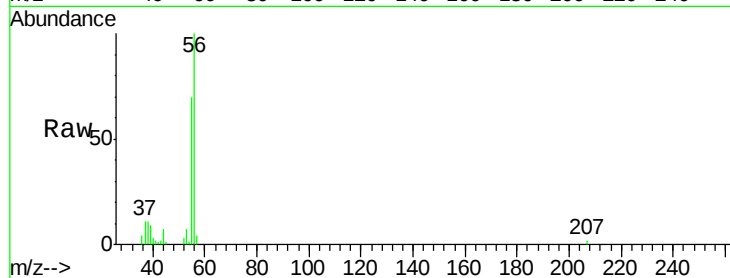
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 16810

Ion Ratio Lower Upper

56 100

55 73.3 57.5 86.3



#14

Allyl chloride

Concen: 22.879 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

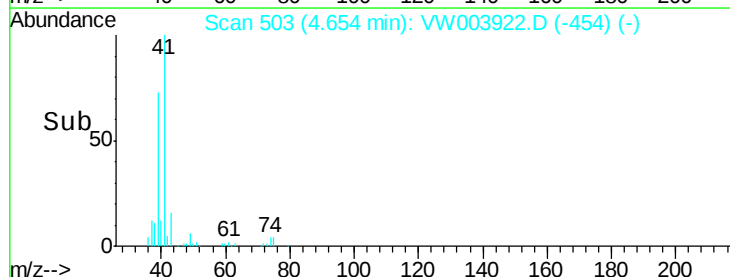
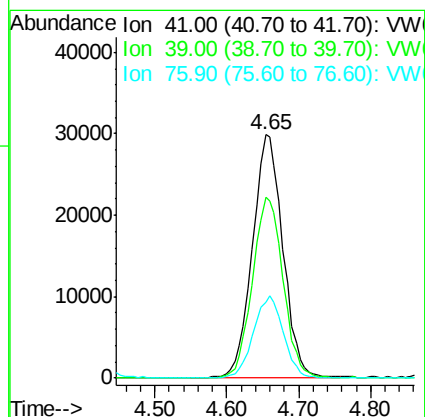
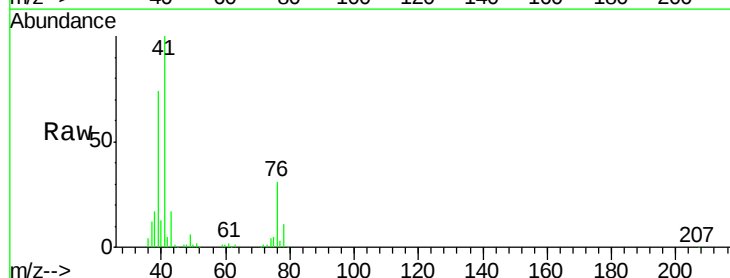
Tgt Ion: 41 Resp: 87986

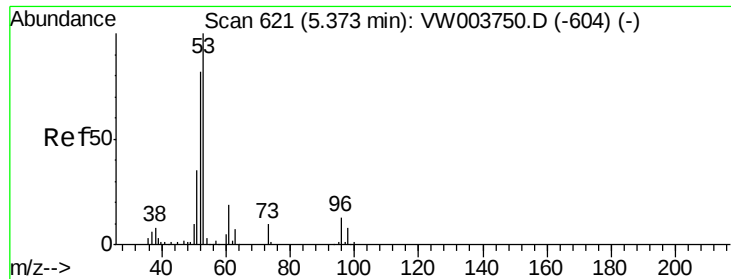
Ion Ratio Lower Upper

41 100

39 74.6 60.9 91.3

76 33.0 27.5 41.3

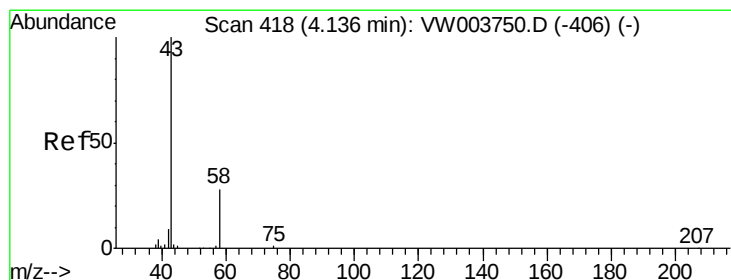
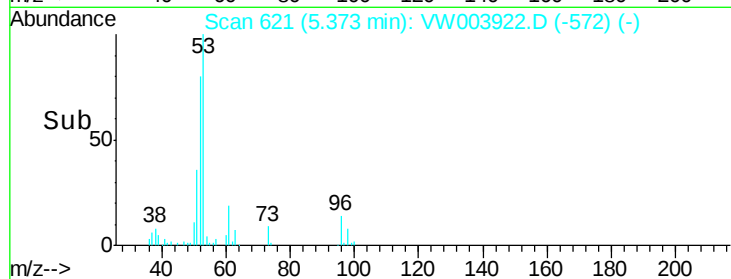
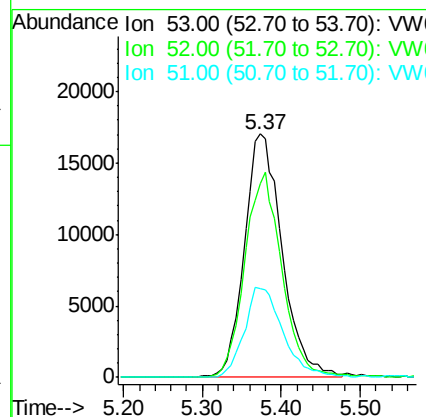
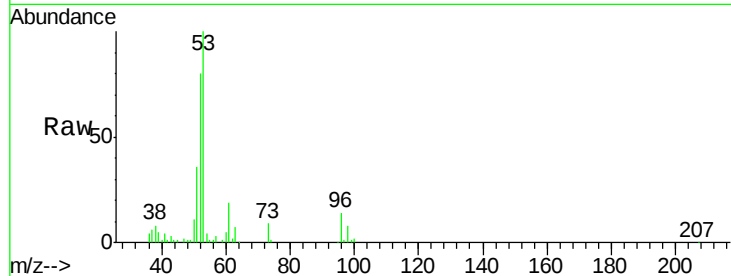




#15
 Acrylonitrile
 Concen: 95.192 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

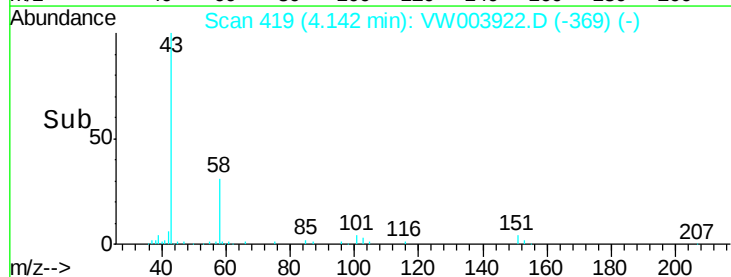
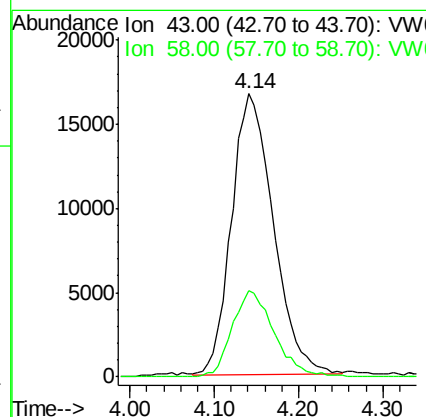
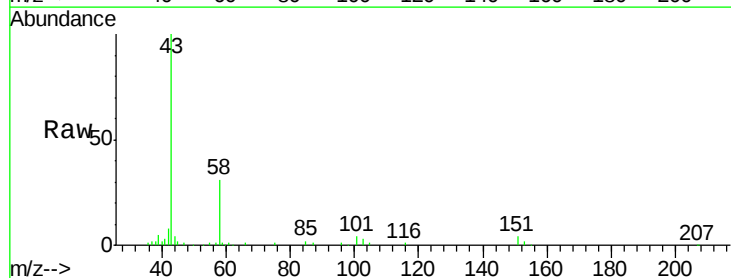
Instrument :
 MSVOA_W
 ClientSampled :

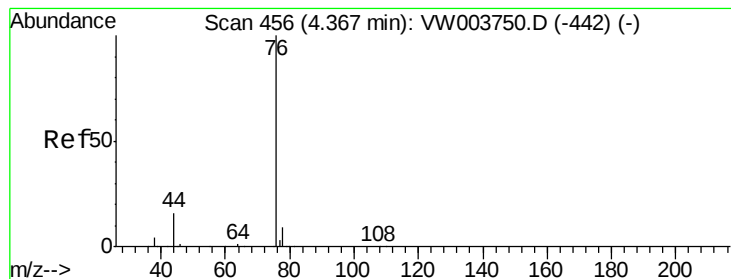
Tot Ion: 53 Resp: 56593
 Ion Ratio Lower Upper
 53 100
 52 83.4 66.2 99.2
 51 38.1 30.2 45.4



#16
 Acetone
 Concen: 106.101 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion: 43 Resp: 56685
 Ion Ratio Lower Upper
 43 100
 58 30.9 22.6 34.0





#17

Carbon Disulfide

Concen: 22.187 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

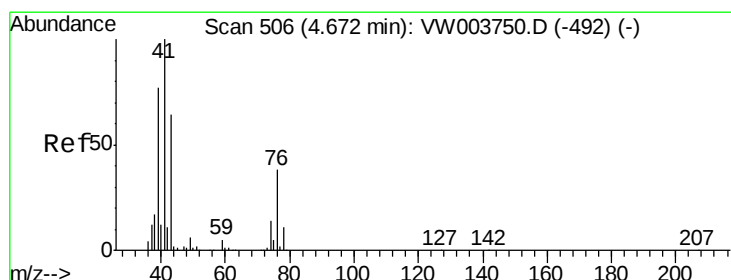
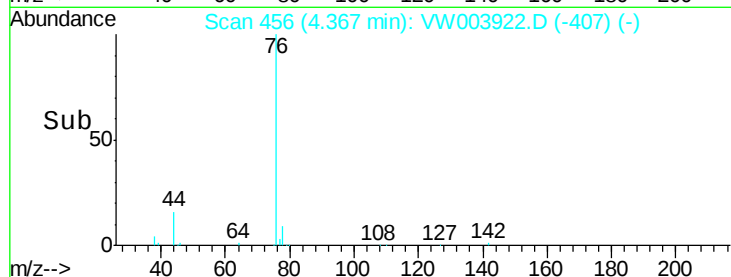
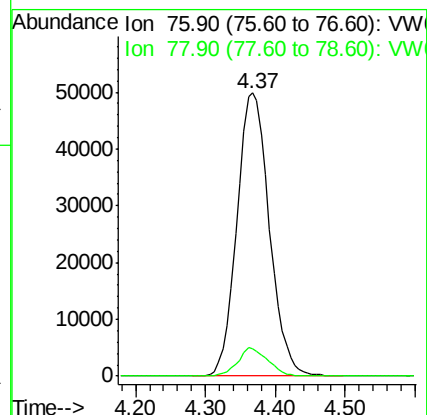
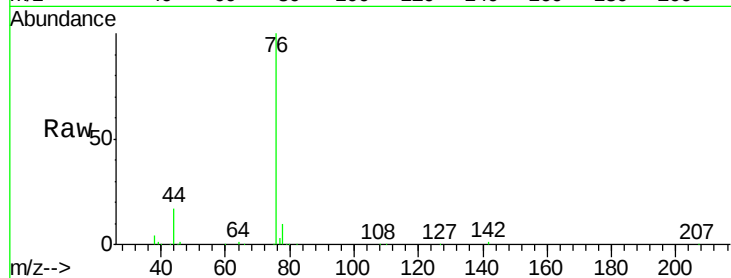
ClientSampleId :

Tot Ion: 76 Resp: 160899

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



#18

Methyl Acetate

Concen: 18.595 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003922.D

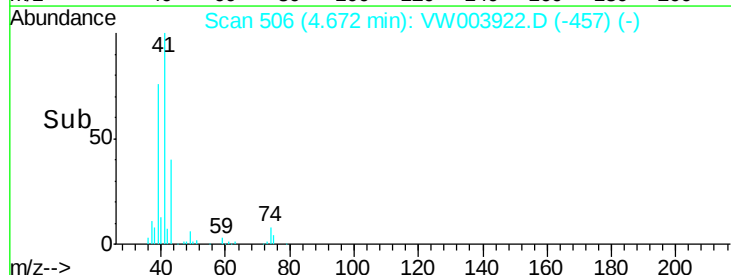
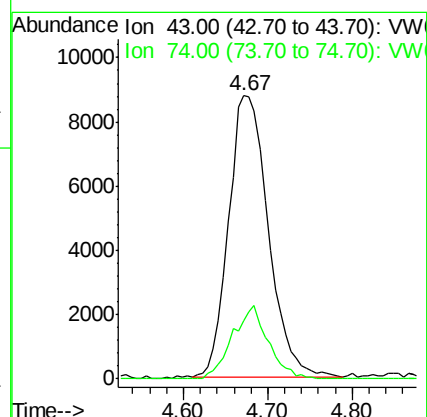
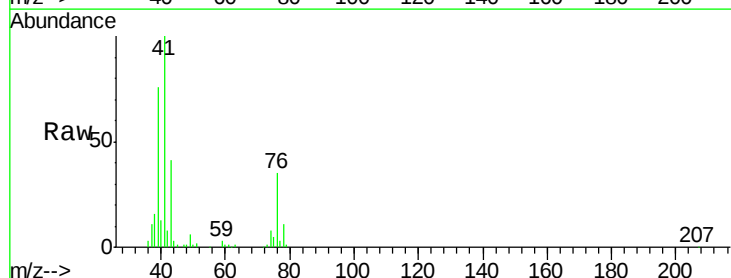
Acq: 13 Jul 2018 18:28

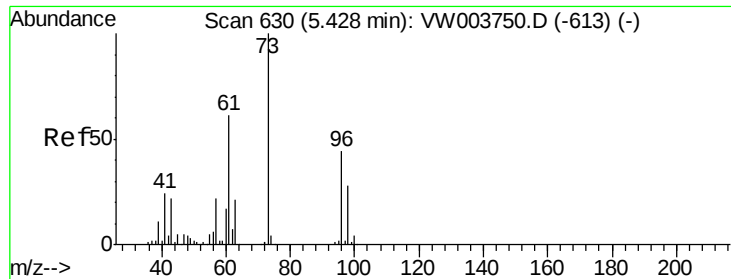
Tgt Ion: 43 Resp: 28009

Ion Ratio Lower Upper

43 100

74 23.5 17.3 25.9

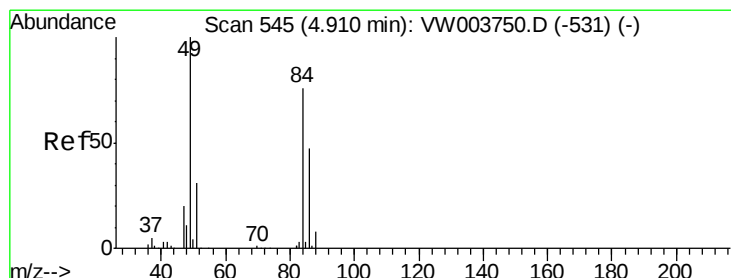
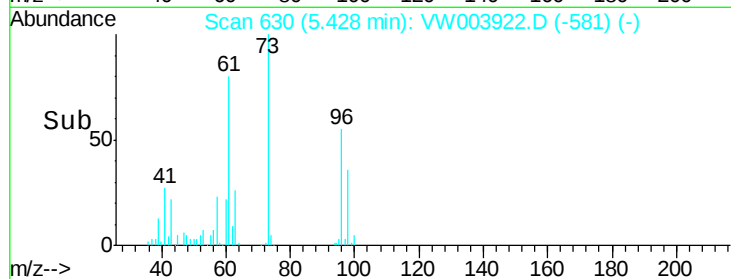
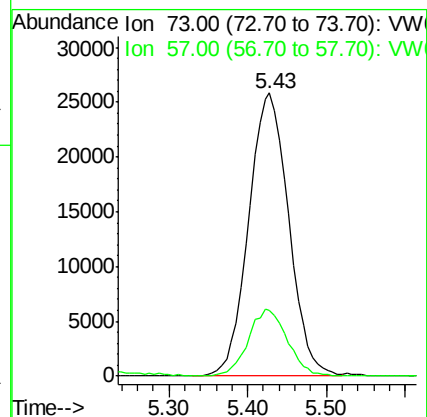
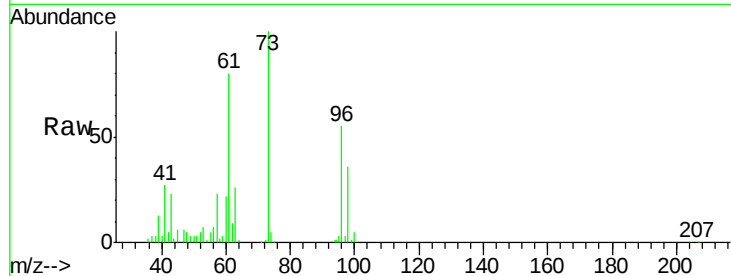




#19
Methvl tert-butvl Ether
Concen: 19.965 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

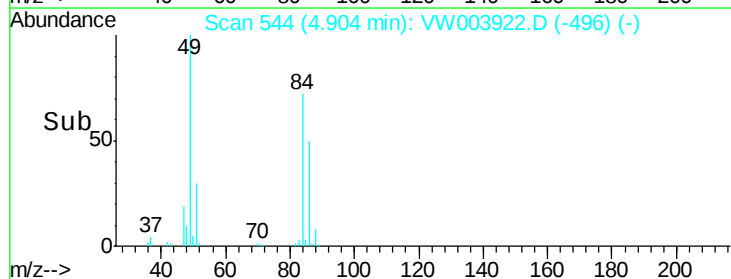
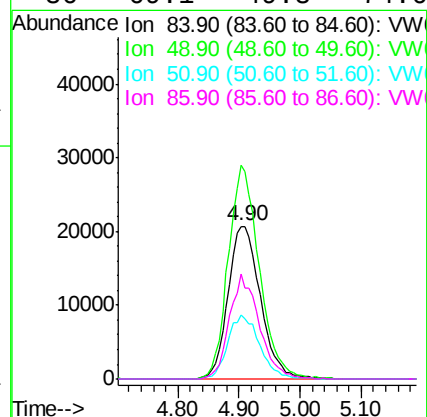
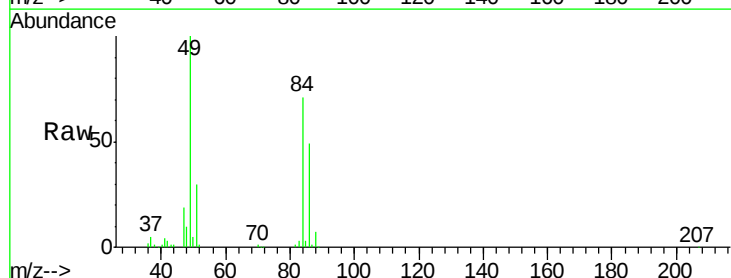
Instrument :
MSVOA_W
ClientSampleId :

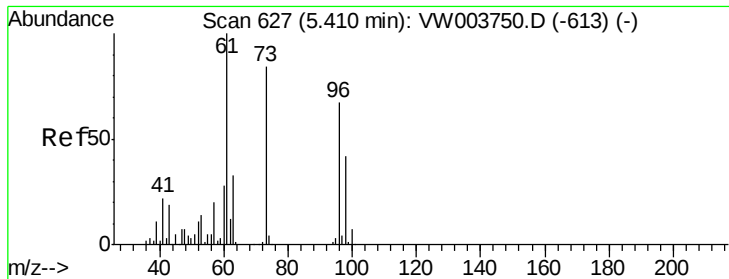
Tot Ion: 73 Resp: 91259
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9



#20
Methylene Chloride
Concen: 27.080 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 84 Resp: 75740
Ion Ratio Lower Upper
84 100
49 140.2 105.1 157.7
51 41.8 32.5 48.7
86 69.1 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 21.438 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :
MSVOA_W
ClientSampleId :

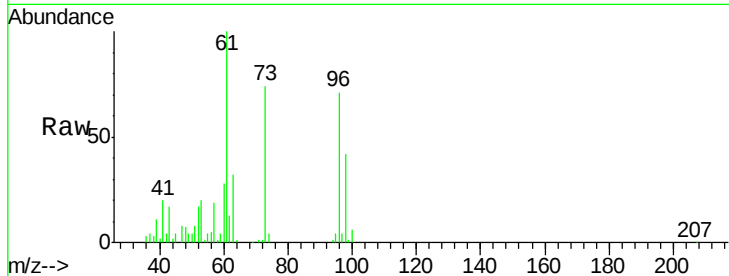
Tot Ion: 96 Resp: 56140

Ion Ratio Lower Upper

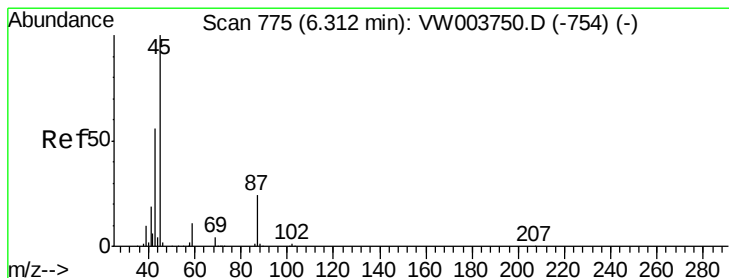
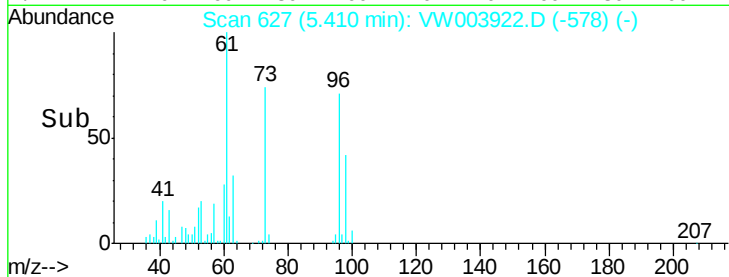
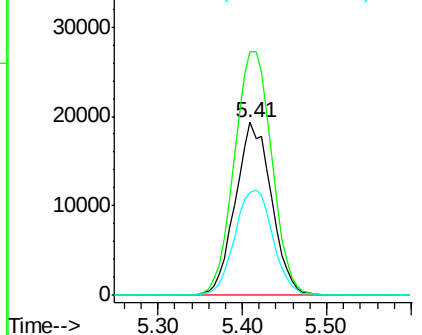
96 100

61 141.1 119.0 178.6

98 59.4 49.8 74.8



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: 20.699 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Tgt Ion: 45 Resp: 175008

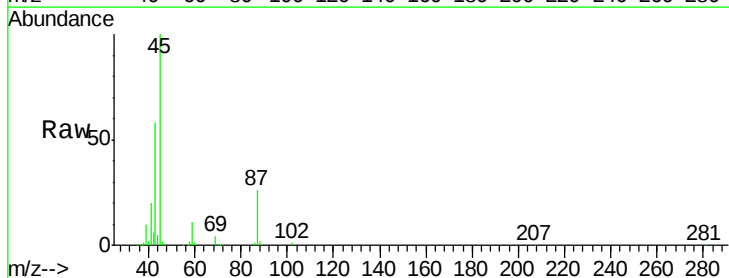
Ion Ratio Lower Upper

45 100

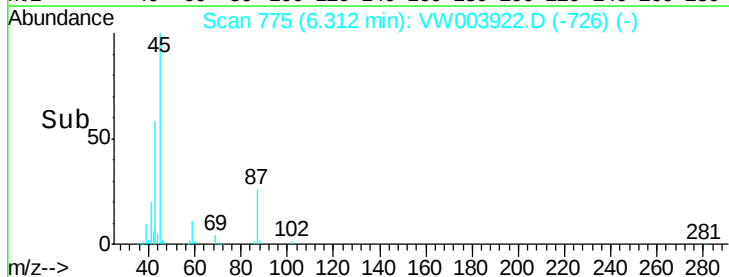
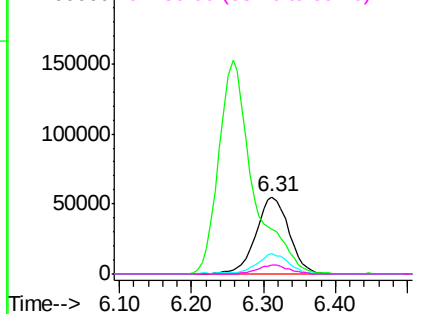
43 57.6 44.5 66.7

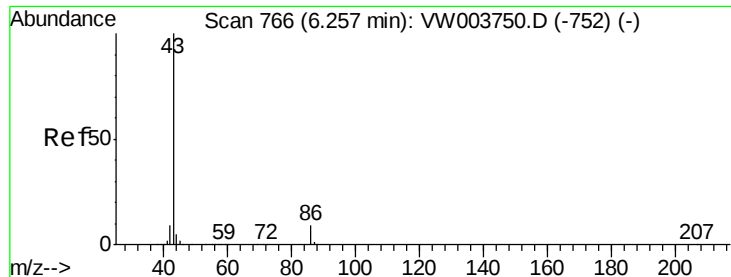
87 25.7 19.6 29.4

59 11.0 9.1 13.7



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: 98.046 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

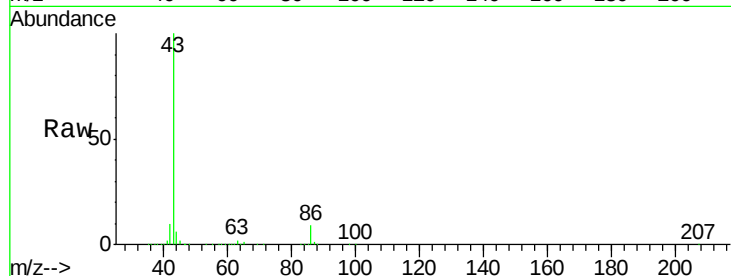
ClientSampleId :

Tot Ion: 43 Resp: 506034

Ion Ratio Lower Upper

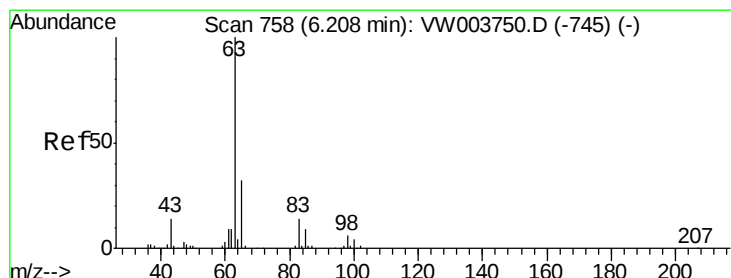
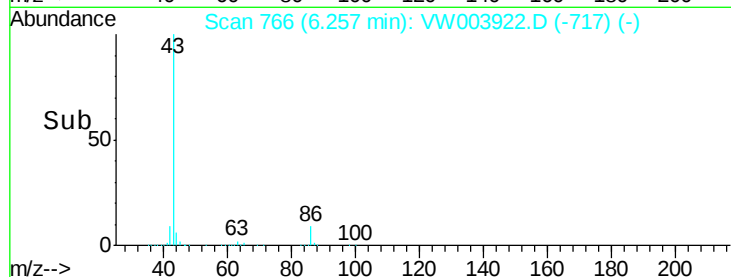
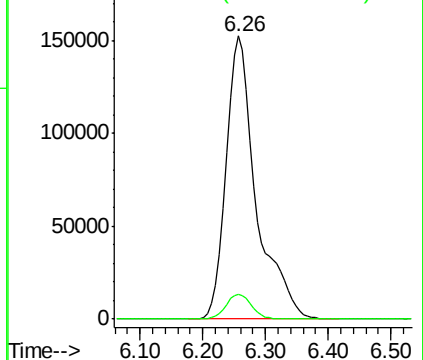
43 100

86 8.8 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.754 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

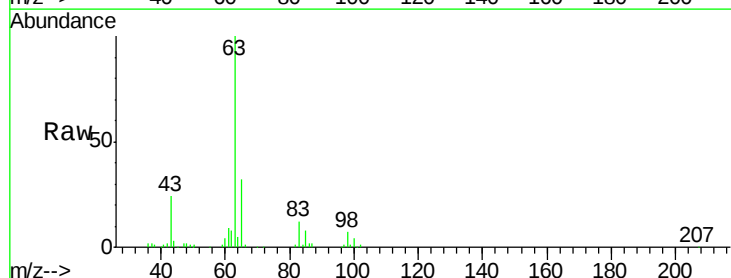
Tgt Ion: 63 Resp: 106127

Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

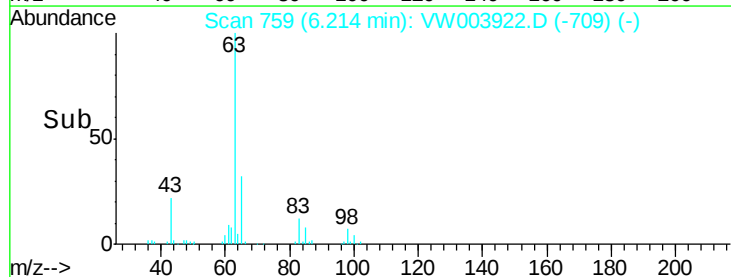
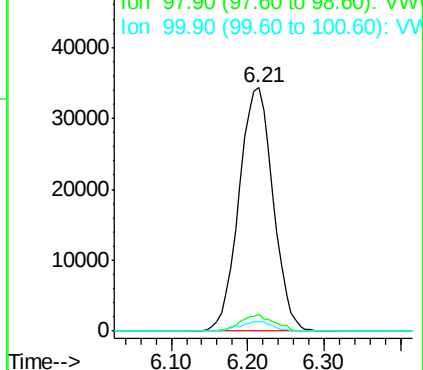
100 3.8 2.1 6.2

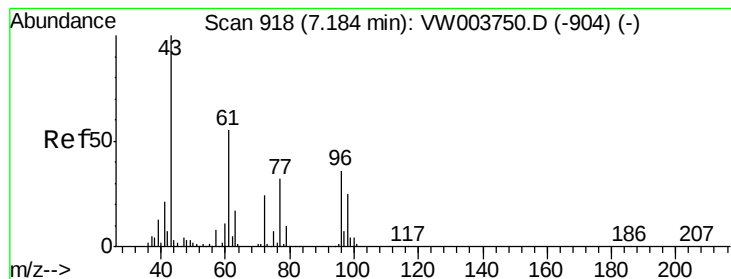


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 92.731 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

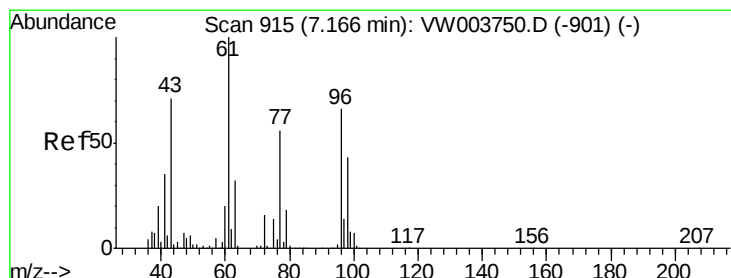
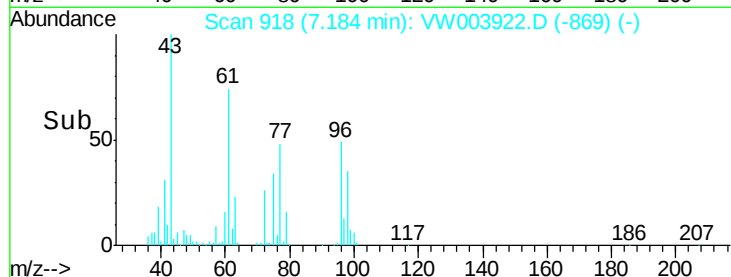
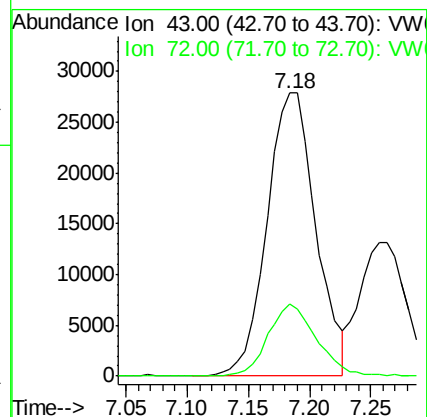
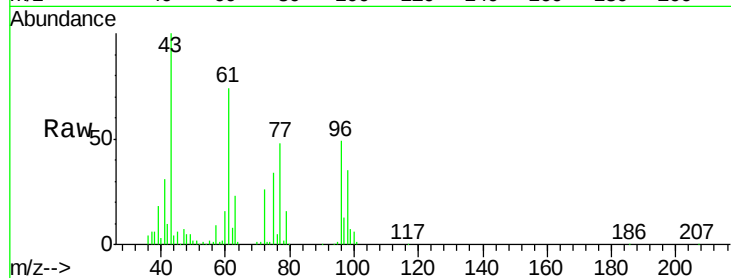
ClientSampled :

Tot Ion: 43 Resp: 77596

Ion Ratio Lower Upper

43 100

72 25.6 19.4 29.2



#26

2,2-Dichloropropane

Concen: 23.521 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003922.D

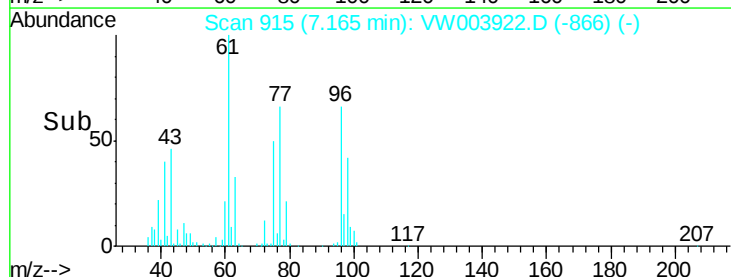
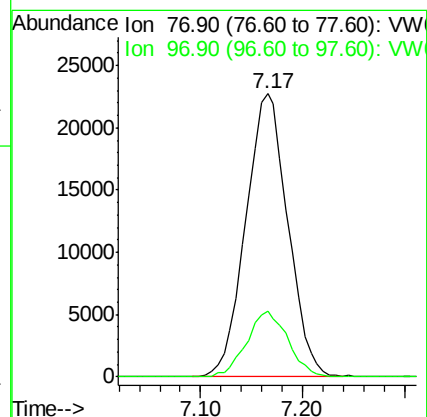
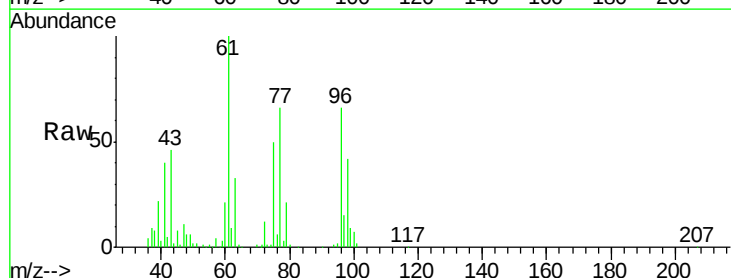
Acq: 13 Jul 2018 18:28

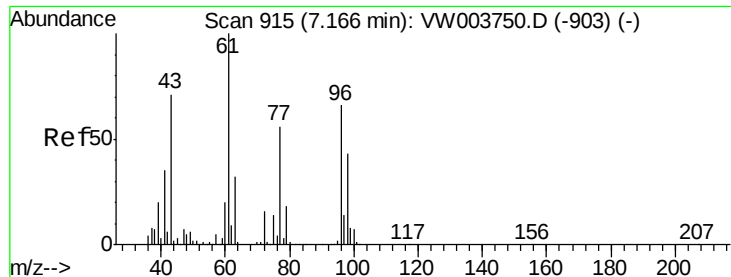
Tgt Ion: 77 Resp: 65236

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5



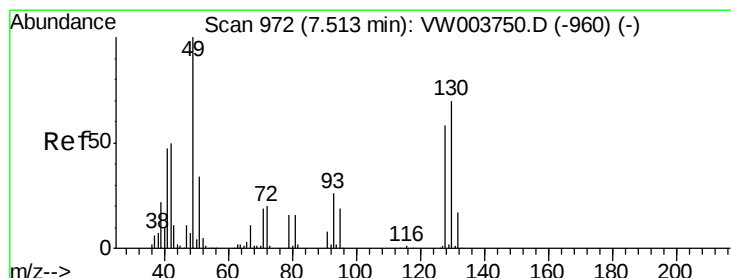
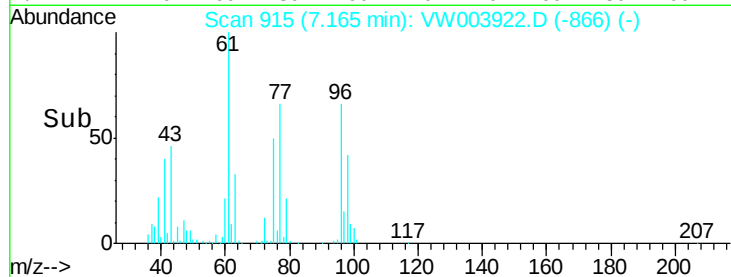
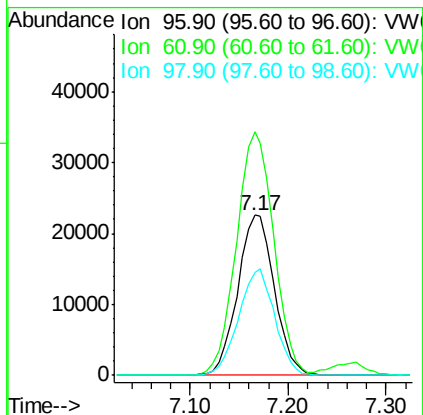
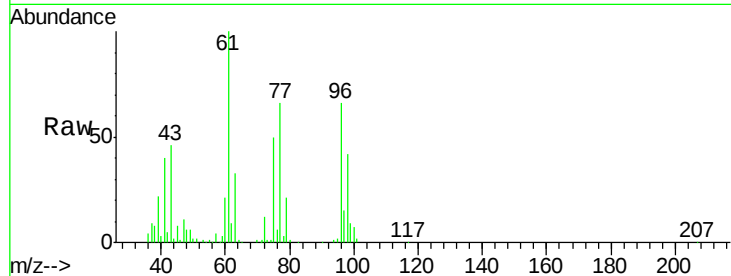


#27

cis-1,2-Dichloroethene
Concen: 20.248 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Instrument :
MSVOA_W
ClientSampled :

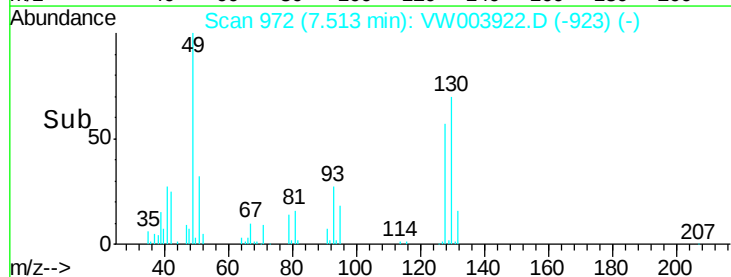
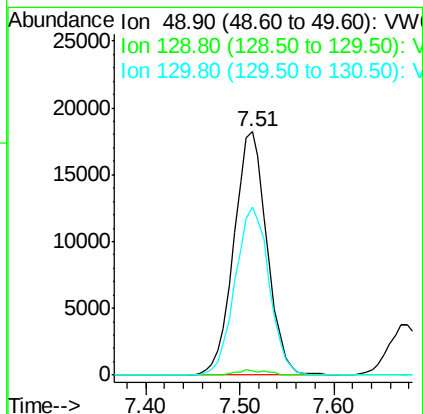
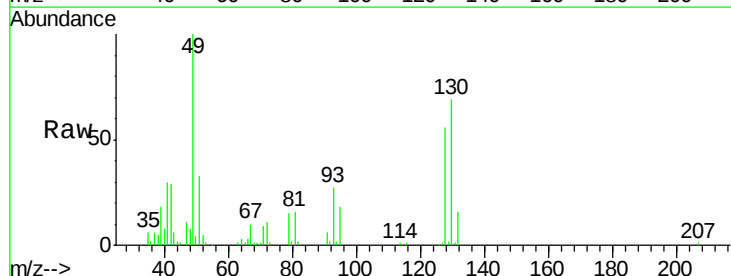
Tot Ion: 96 Resp: 58634
Ion Ratio Lower Upper
96 100
61 155.0 0.0 300.8
98 65.4 0.0 128.6

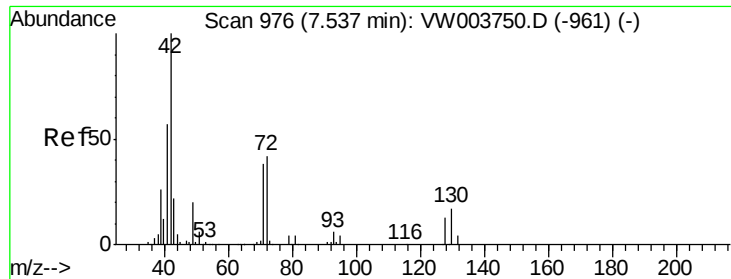


#28

Bromochloromethane
Concen: 19.539 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 49 Resp: 44509
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 71.1 56.9 85.3

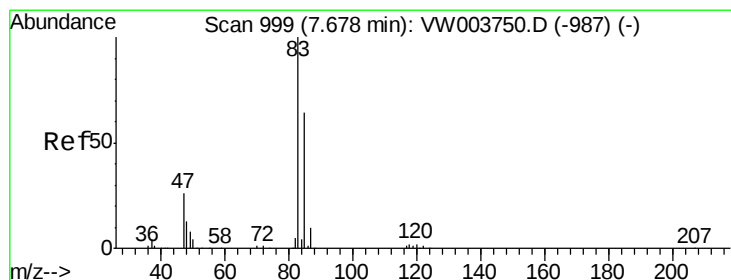
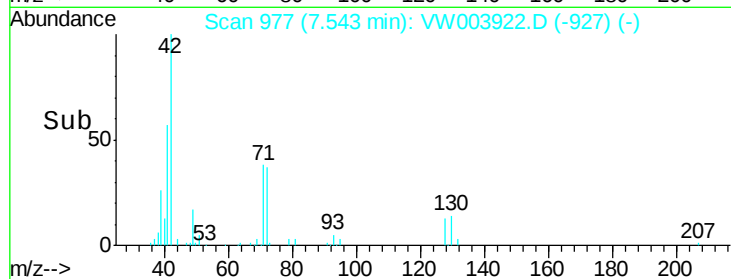
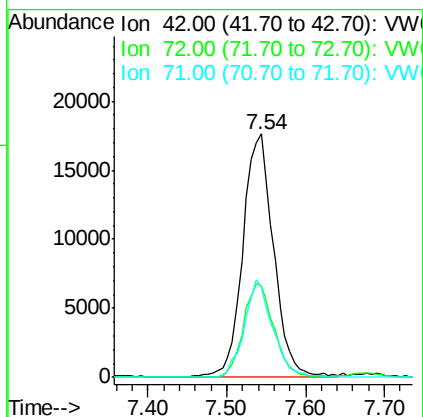
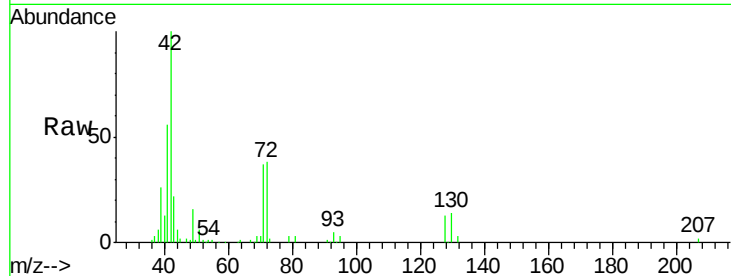




#29
Tetrahydrofuran
Concen: 89.201 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

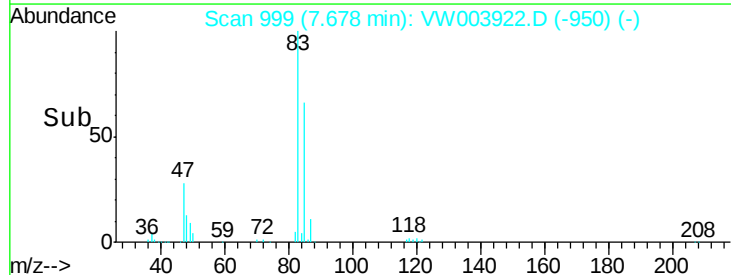
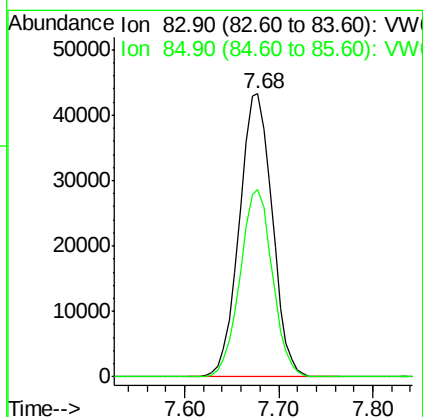
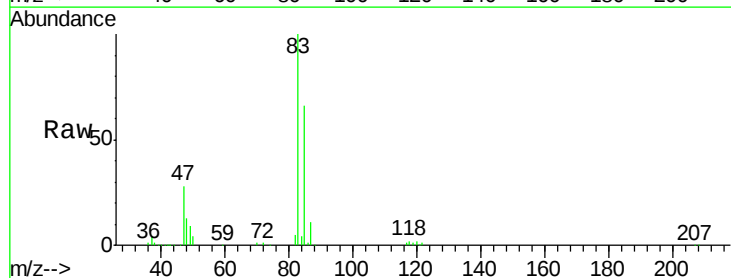
Instrument :
MSVOA_W
ClientSampled :

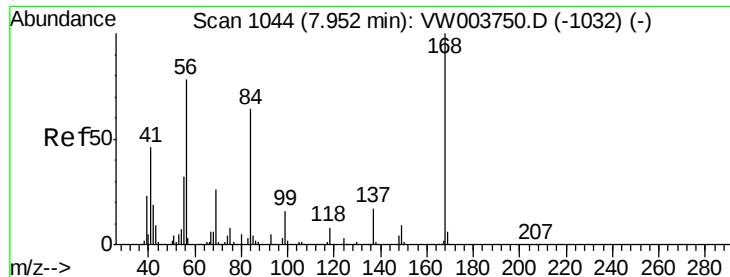
Tot Ion: 42 Resp: 47983
Ion Ratio Lower Upper
42 100
72 37.9 31.8 47.8
71 36.8 30.3 45.5



#30
Chloroform
Concen: 20.171 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 83 Resp: 105222
Ion Ratio Lower Upper
83 100
85 66.4 51.5 77.3

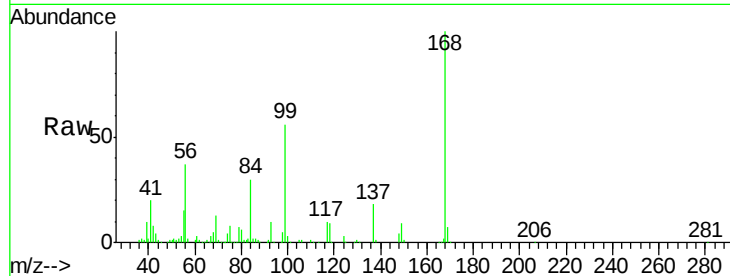




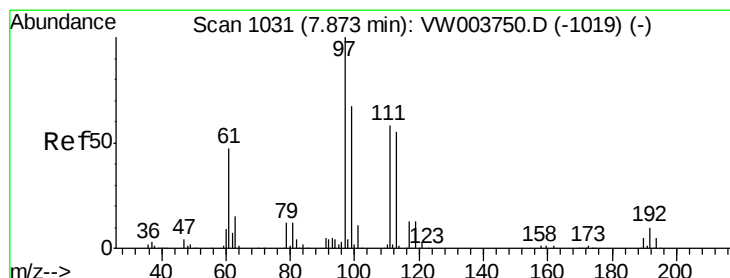
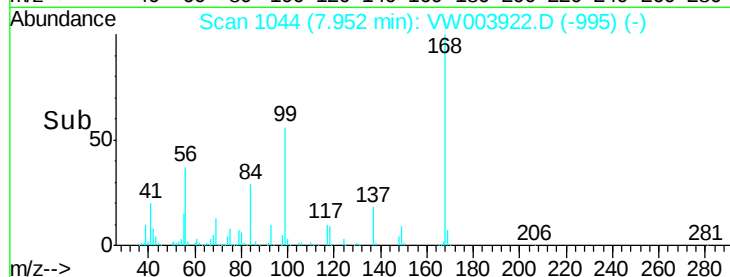
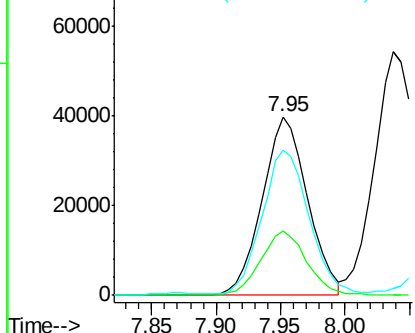
#31
Cyclohexane
Concen: 21.689 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 97462
Ion Ratio Lower Upper
56 100
69 36.3 26.2 39.4
84 80.4 65.5 98.3

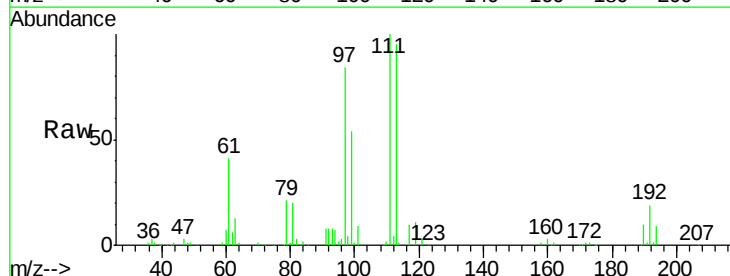


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

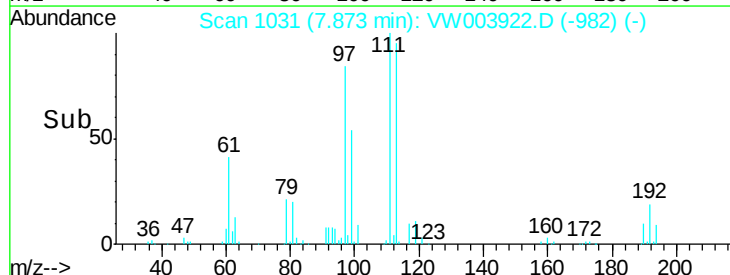
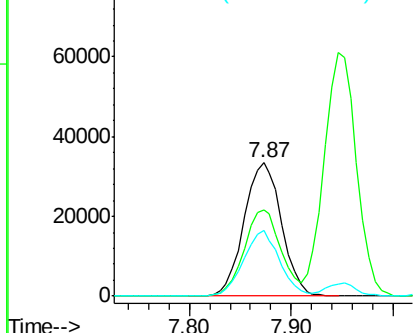


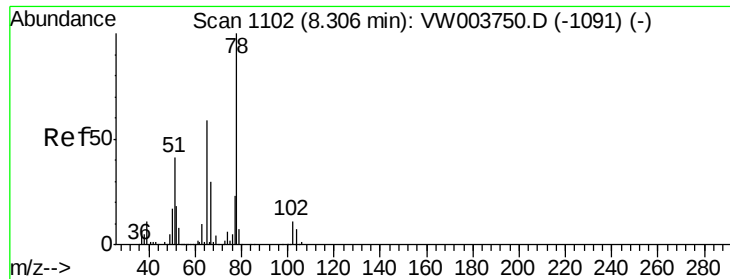
#32
1,1,1-Trichloroethane
Concen: 21.468 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 97 Resp: 85231
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 47.5 37.6 56.4



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

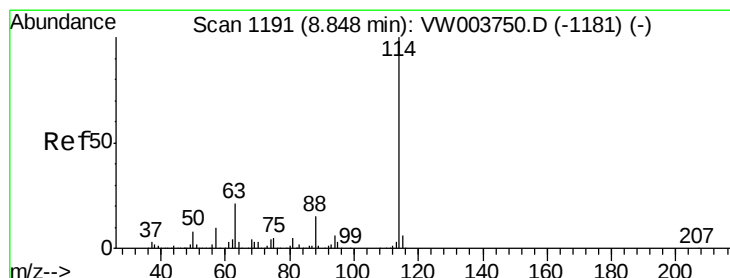
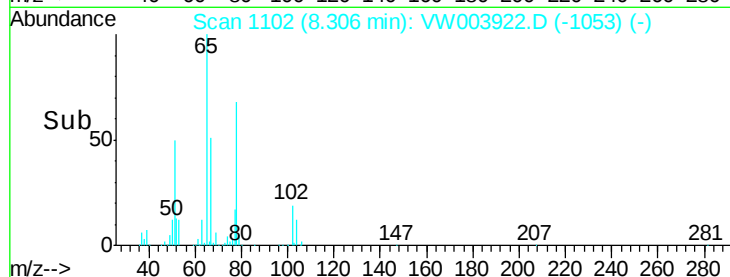
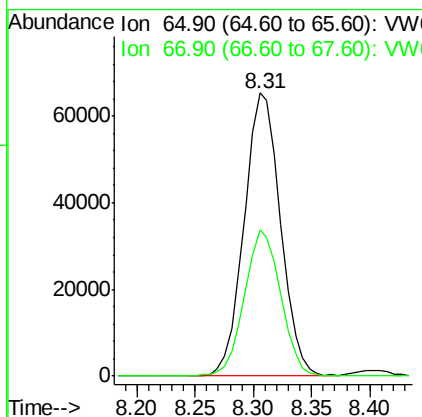
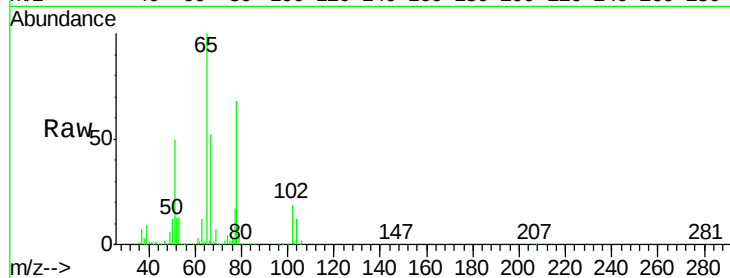




#33
 1,2-Dichloroethane-d4
 Concen: 46.099 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

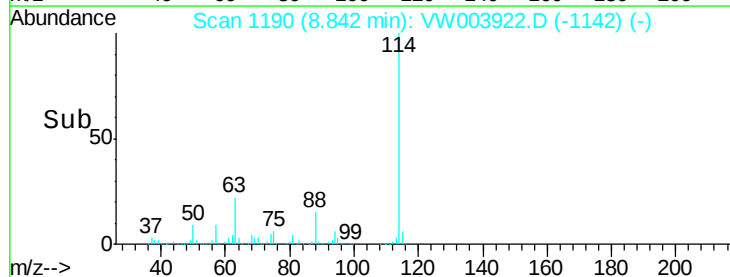
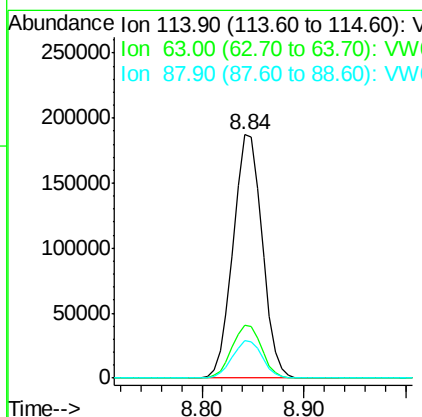
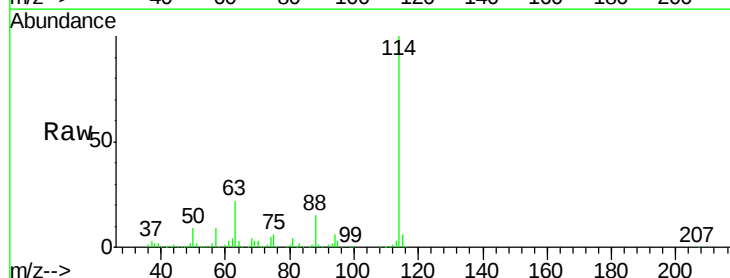
Instrument :
 MSVOA_W
 ClientSampleId :

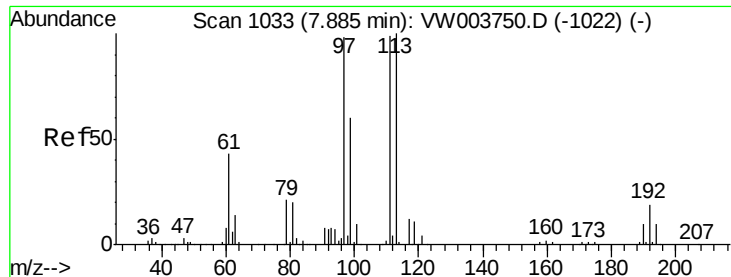
Tot Ion: 65 Resp: 141953
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion: 114 Resp: 369205
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.8
 88 15.4 0.0 30.2

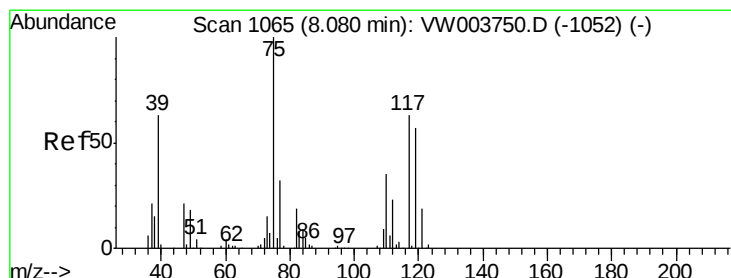
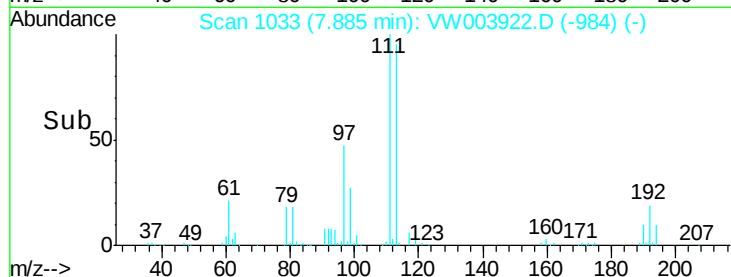
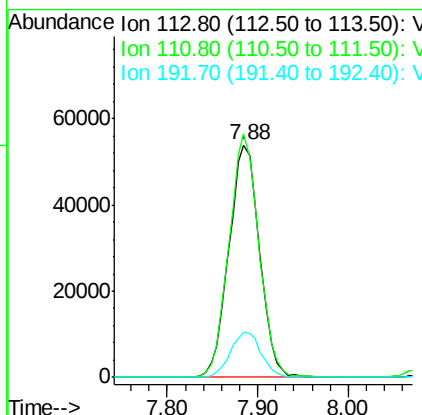
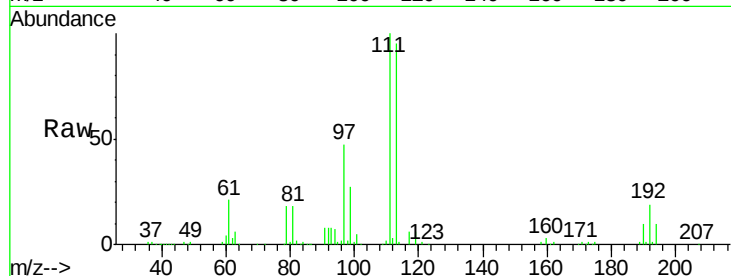




#35
 Dibromofluoromethane
 Concen: 48.995 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

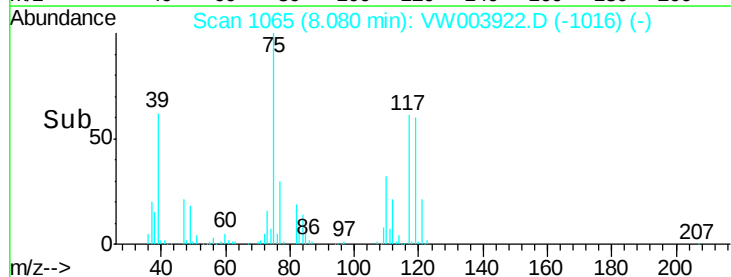
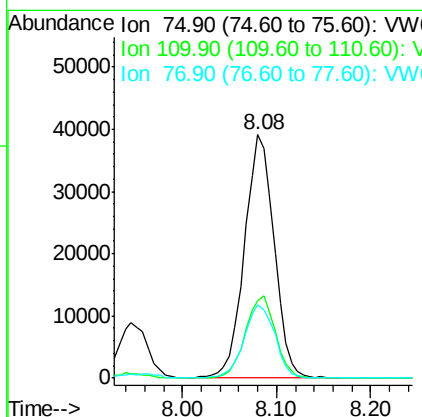
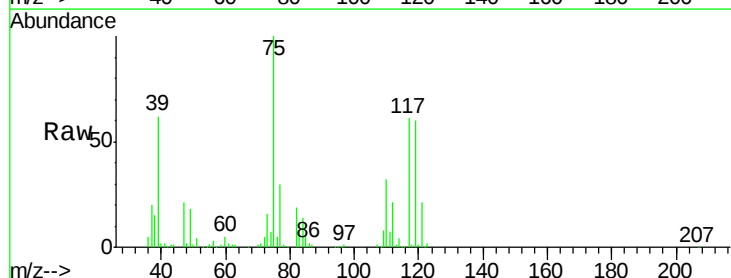
Instrument :
 MSVOA_W
 ClientSampleId :

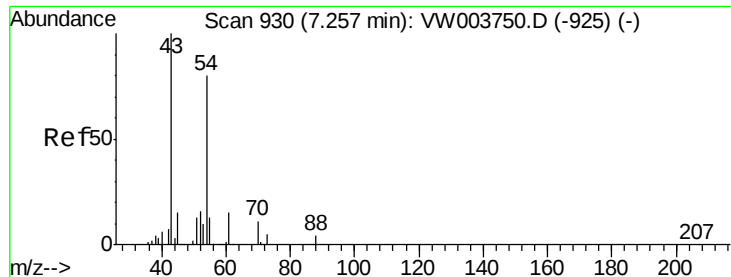
Tot Ion:113 Resp: 126603
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 19.5 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 21.977 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion: 75 Resp: 86093
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.9 50.6
 77 31.3 24.8 37.2

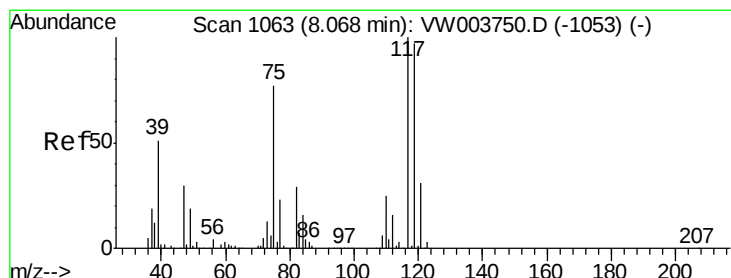
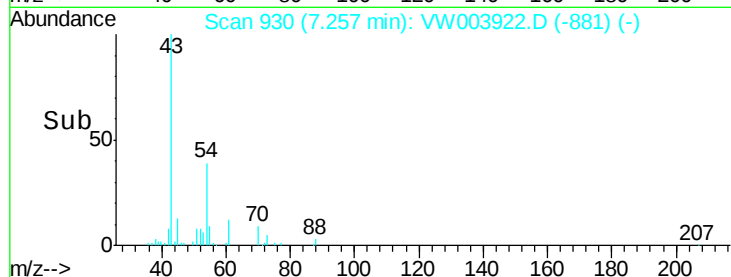
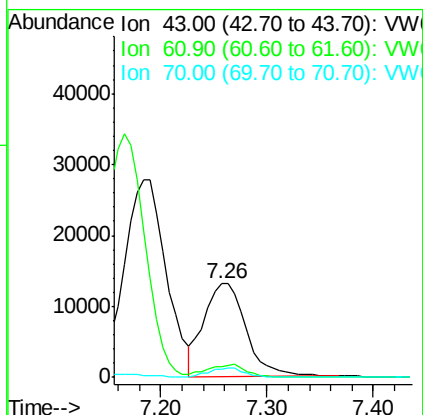
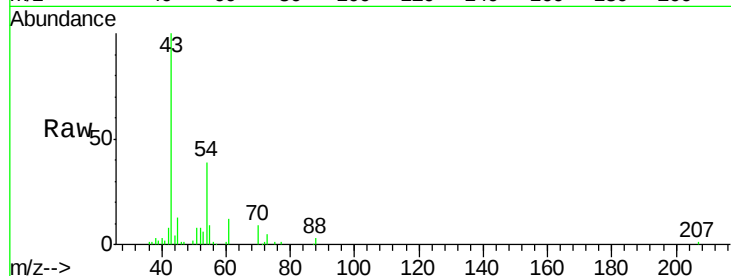




#37
Ethyl Acetate
Concen: 18.836 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

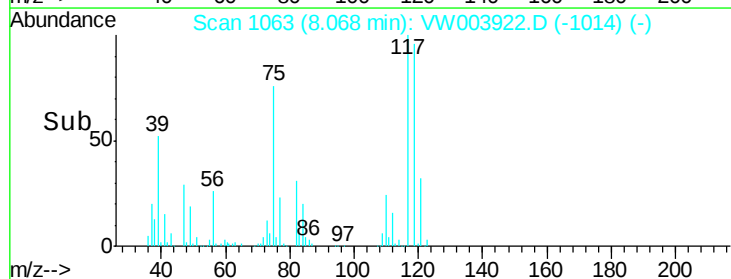
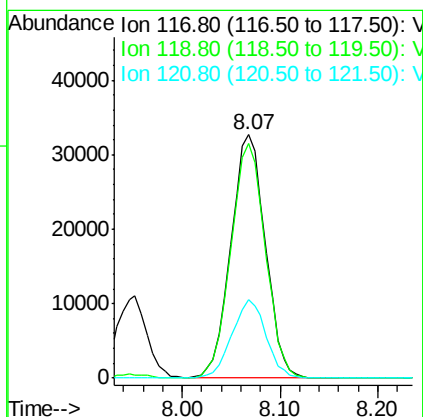
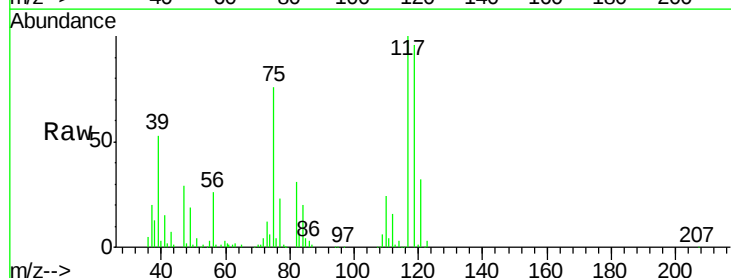
Instrument :
MSVOA_W
ClientSampleId :

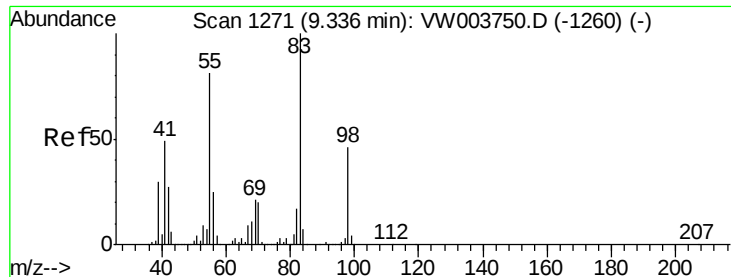
Tot Ion: 43 Resp: 35903
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 8.9 7.5 11.3



#38
Carbon Tetrachloride
Concen: 21.490 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 117 Resp: 80044
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
121 32.1 24.6 37.0

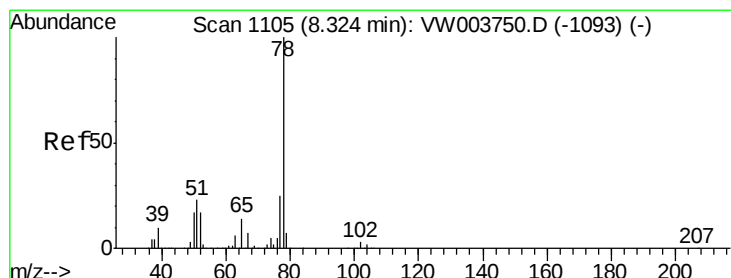
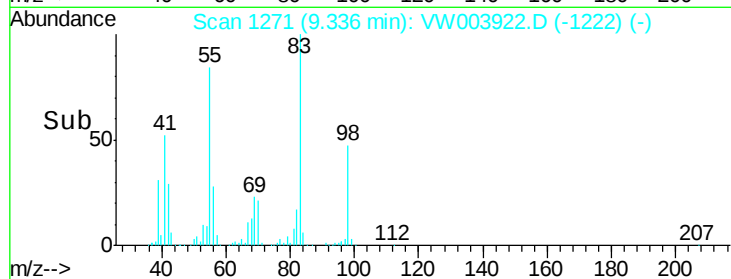
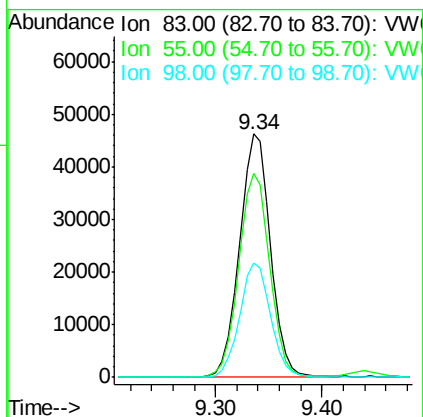
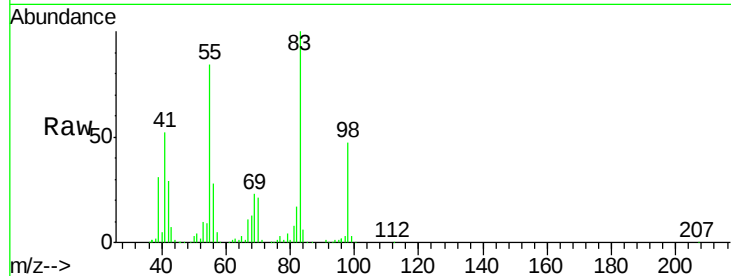




#39
Methvlcvclohexane
Concen: 22.035 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

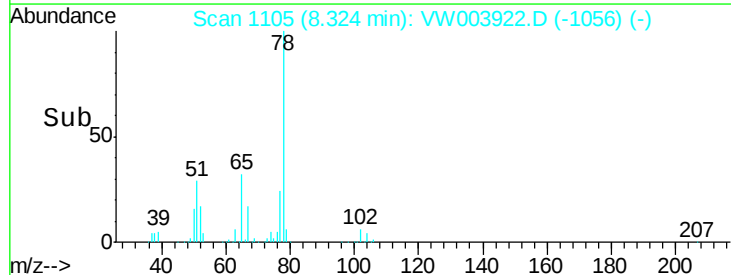
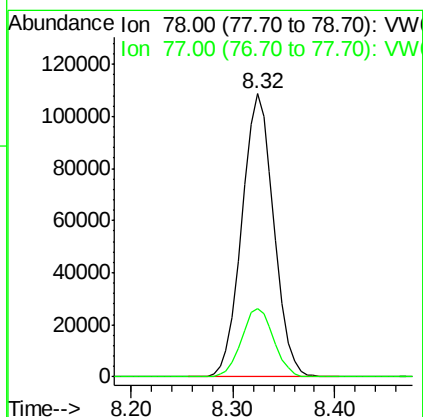
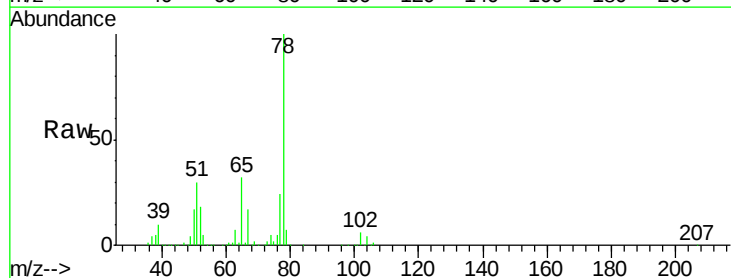
Instrument :
MSVOA_W
ClientSampled :

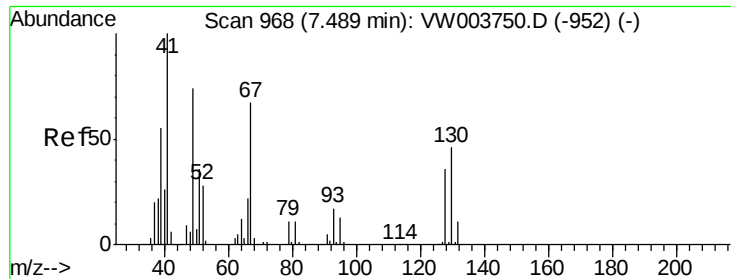
Tot Ion: 83 Resp: 94541
Ion Ratio Lower Upper
83 100
55 83.5 65.1 97.7
98 47.1 36.7 55.1



#40
Benzene
Concen: 21.103 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 78 Resp: 236338
Ion Ratio Lower Upper
78 100
77 24.2 19.7 29.5

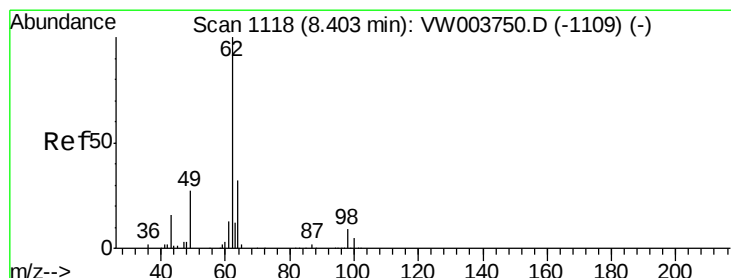
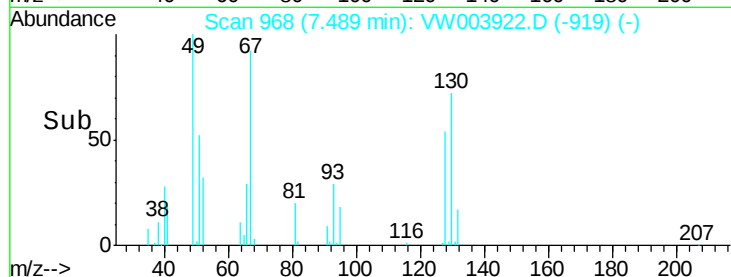
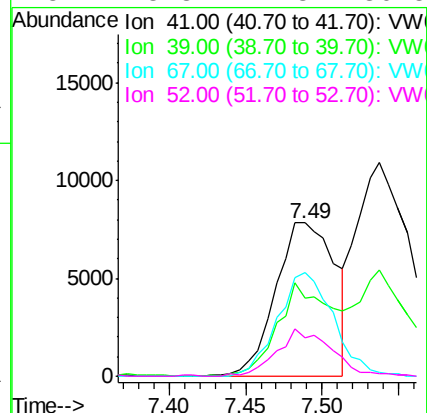
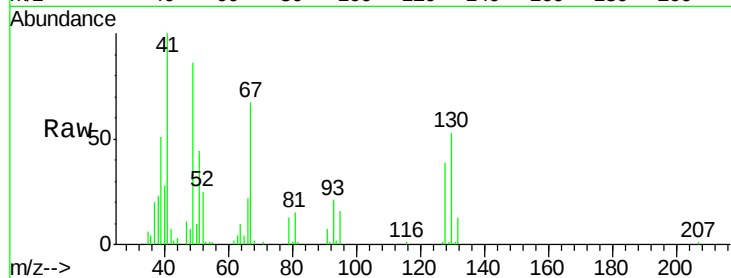




#41
Methacrylonitrile
Concen: 19.294 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

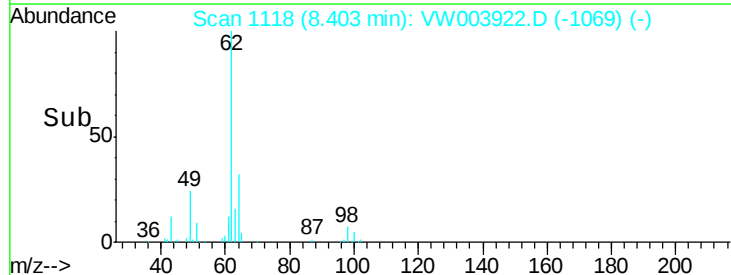
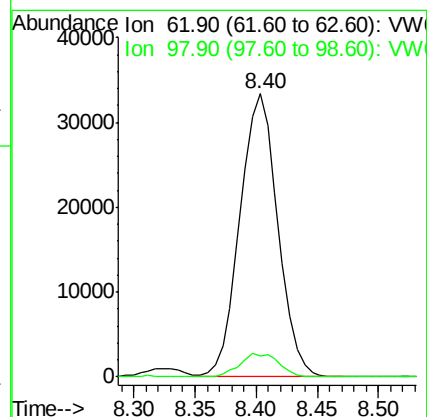
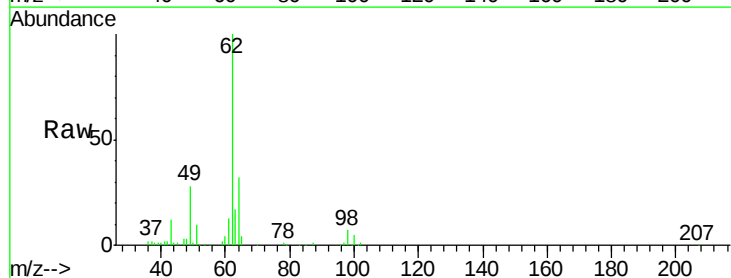
Instrument :
MSVOA_W
ClientSampled :

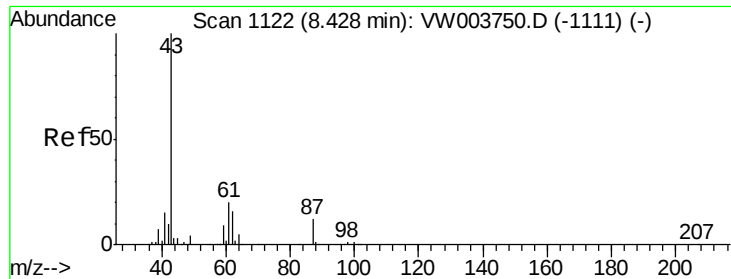
Tot Ion:	41	Resp:	21155
Ion	Ratio	Lower	Upper
41	100		
39	55.7	49.5	74.3
67	63.5	53.8	80.8
52	28.3	24.3	36.5



#42
1,2-Dichloroethane
Concen: 19.782 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion:	62	Resp:	71702
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4



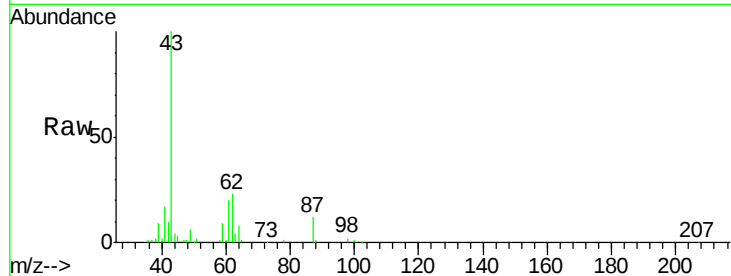


#43

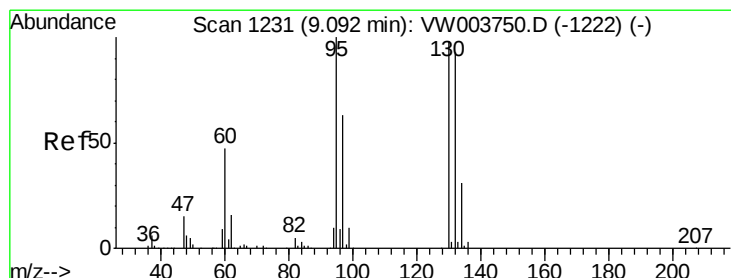
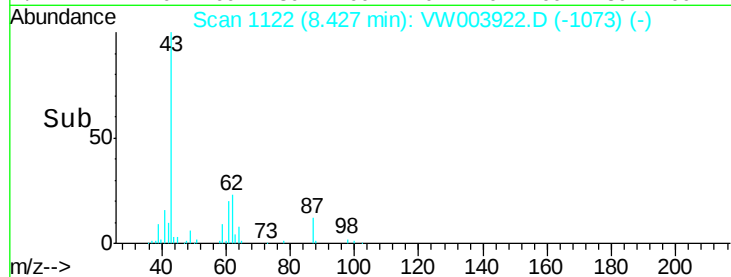
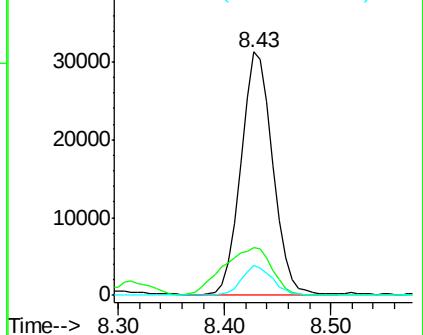
Isopropyl Acetate
 Concen: 18.172 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	43	Resp	65647
Ion Ratio	Lower	Upper	
43	100		
61	29.9	22.8	34.2
87	11.8	9.5	14.3



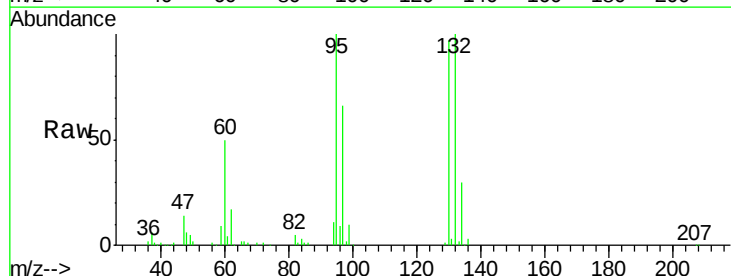
Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 87.00 (86.70 to 87.70): VW



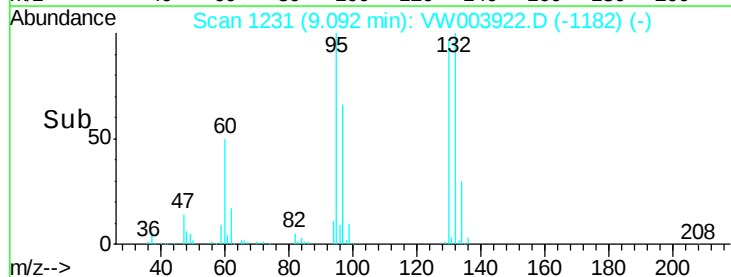
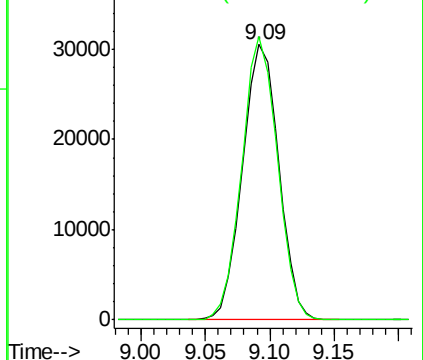
#44

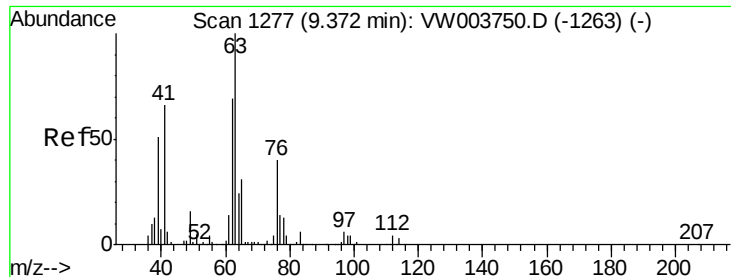
Trichloroethene
 Concen: 21.139 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion	130	Resp	59685
Ion Ratio	Lower	Upper	
130	100		
95	102.8	0.0	203.8



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





#45

1,2-Dichloropropane

Concen: 20.628 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

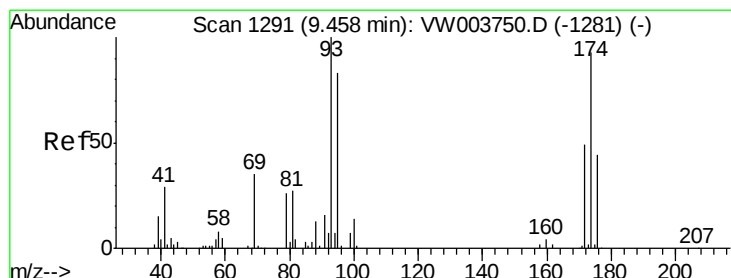
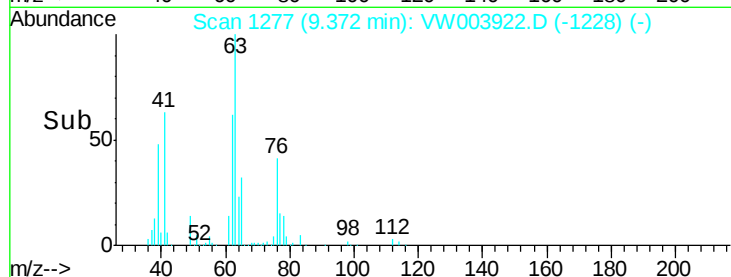
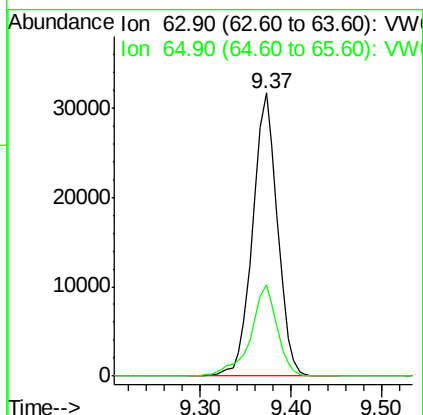
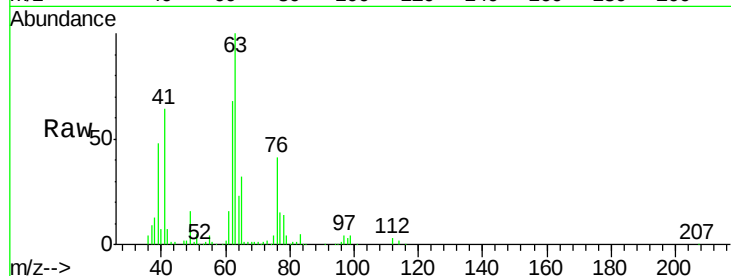
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 60069

Ion Ratio Lower Upper

63 100

65 32.4 24.9 37.3



#46

Dibromomethane

Concen: 19.785 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

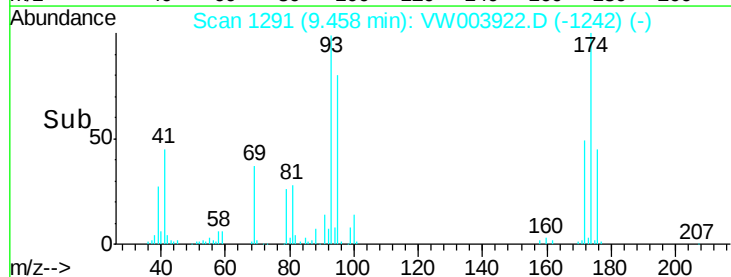
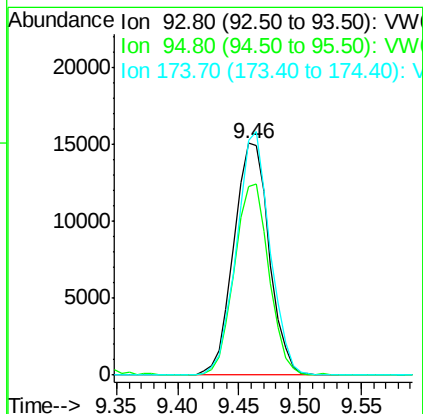
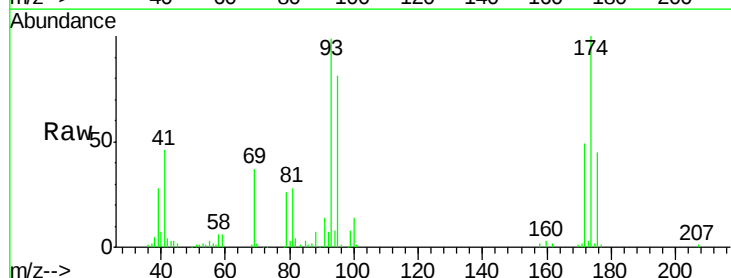
Tgt Ion: 93 Resp: 30294

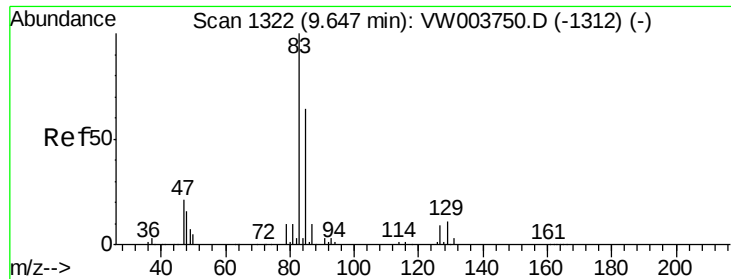
Ion Ratio Lower Upper

93 100

95 80.8 67.2 100.8

174 99.0 78.1 117.1





#47

Bromodichloromethane

Concen: 20.054 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

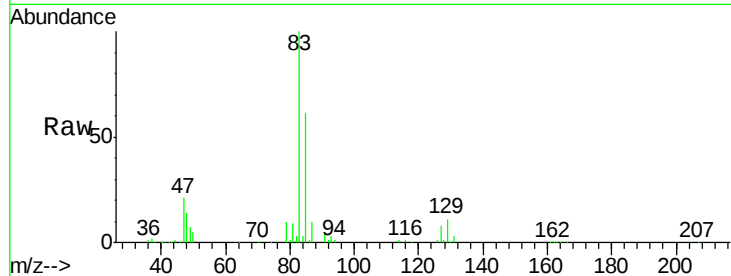
Tot Ion: 83 Resp: 75541

Ion Ratio Lower Upper

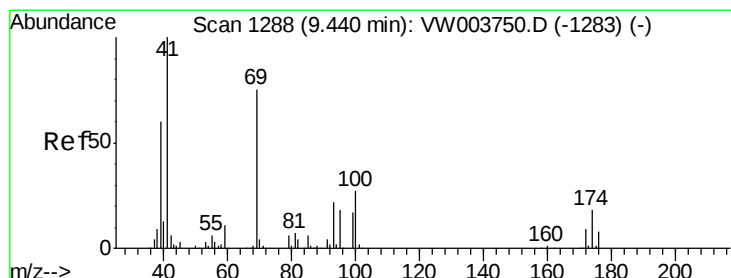
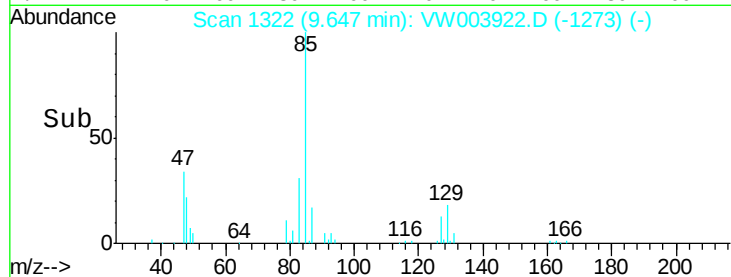
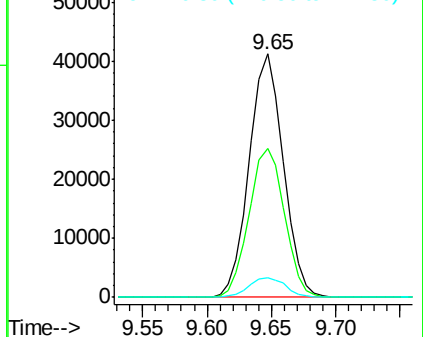
83 100

85 61.3 51.4 77.0

127 7.8 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: 18.724 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

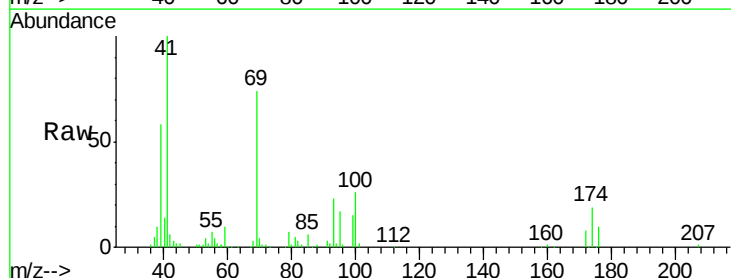
Tgt Ion: 41 Resp: 32214

Ion Ratio Lower Upper

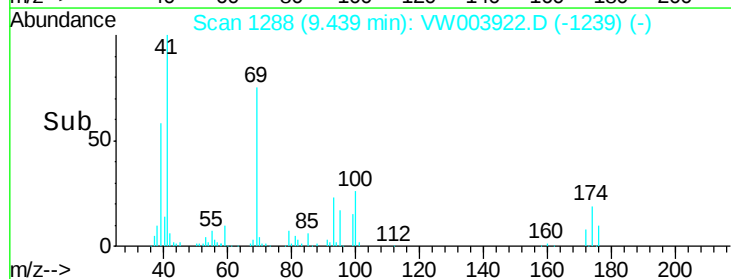
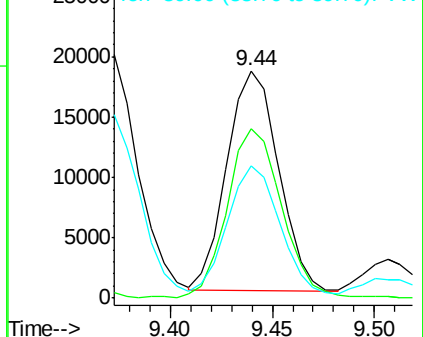
41 100

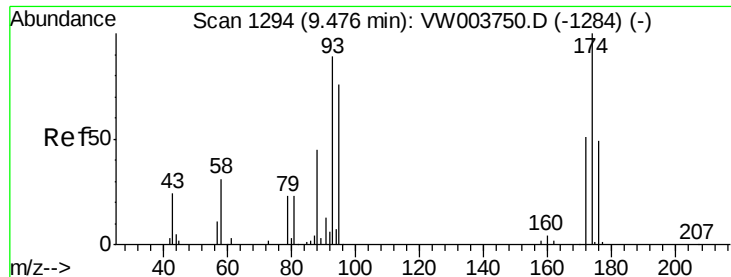
69 81.4 63.8 95.8

39 57.7 50.2 75.2



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

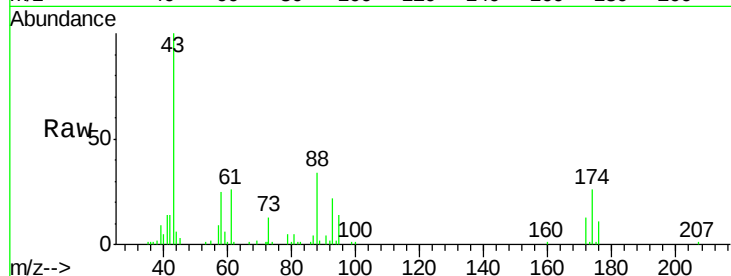




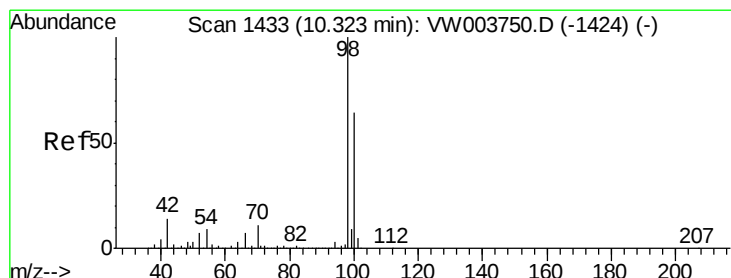
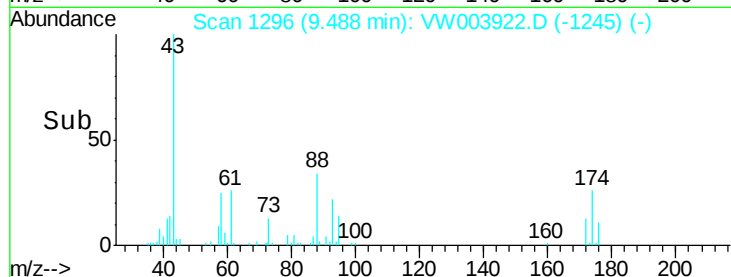
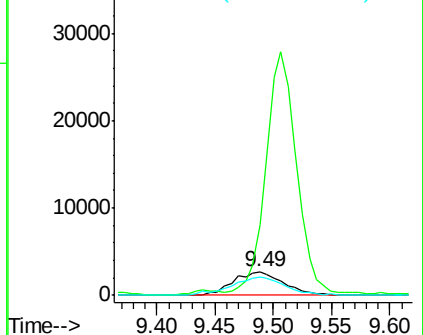
#49
1,4-Dioxane
Concen: 353.823 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. 0.01 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 8097
Ion Ratio Lower Upper
88 100
43 635.3 0.0 0.0#
58 83.2 59.7 89.5

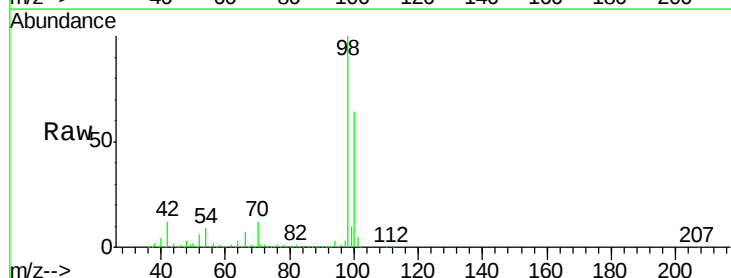


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

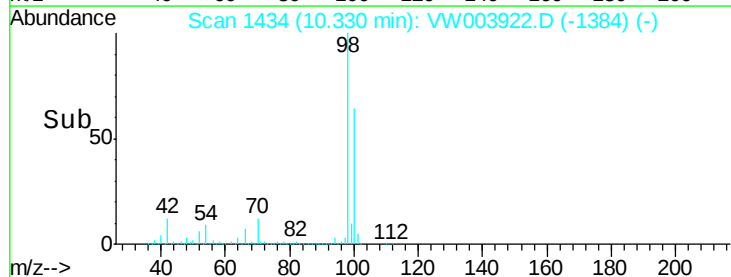
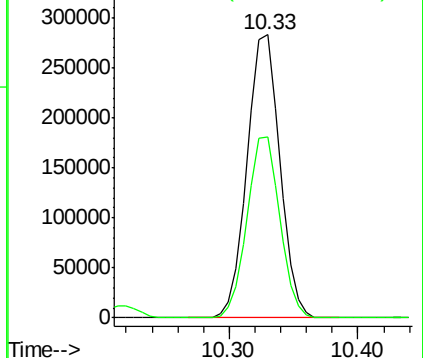


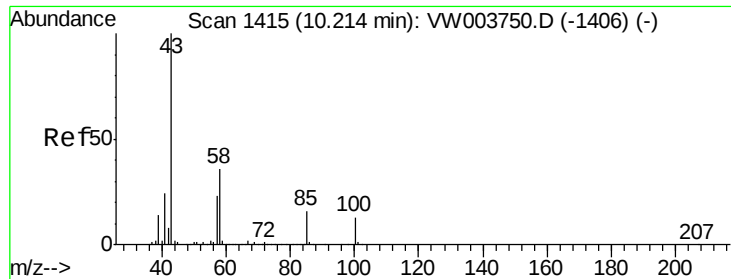
#50
Toluene-d8
Concen: 50.384 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 98 Resp: 498015
Ion Ratio Lower Upper
98 100
100 63.8 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: 92.309 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

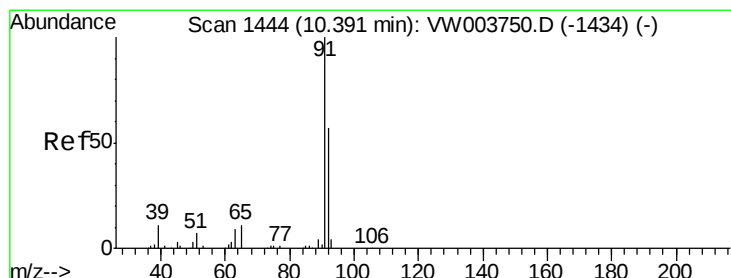
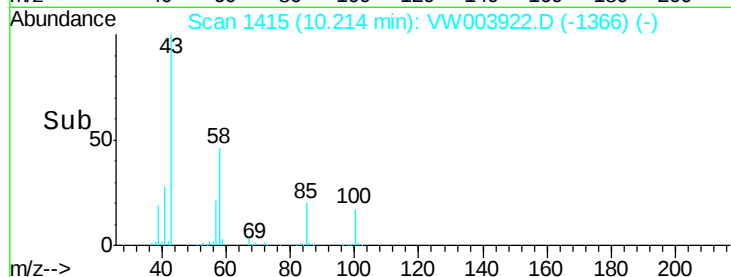
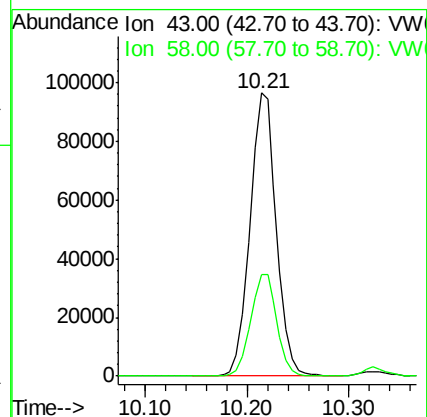
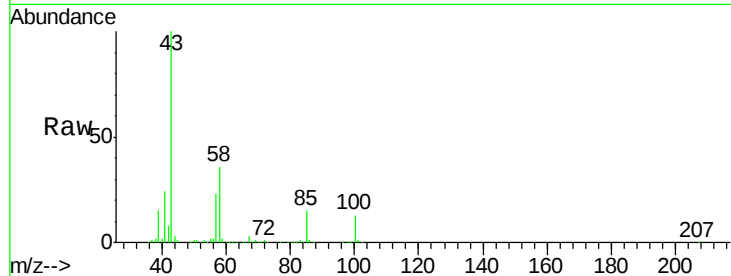
ClientSampled :

Tot Ion: 43 Resp: 172566

Ion Ratio Lower Upper

43 100

58 36.0 29.3 43.9



#52

Toluene

Concen: 21.617 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003922.D

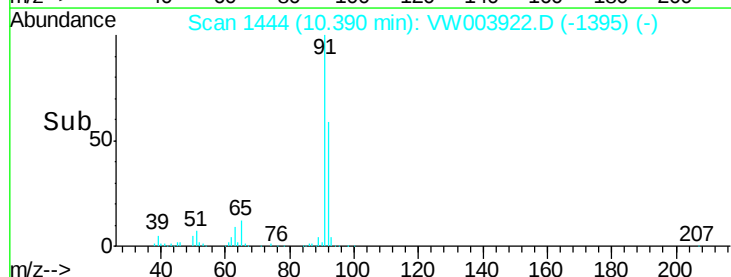
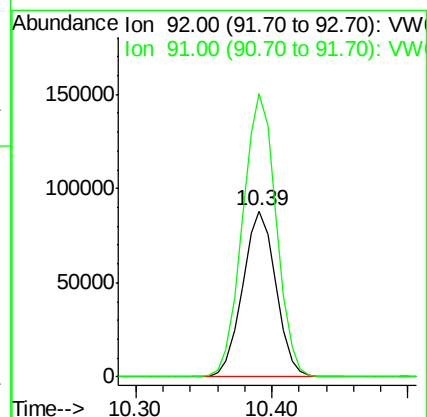
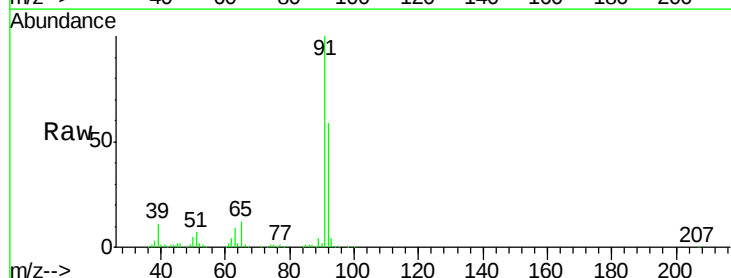
Acq: 13 Jul 2018 18:28

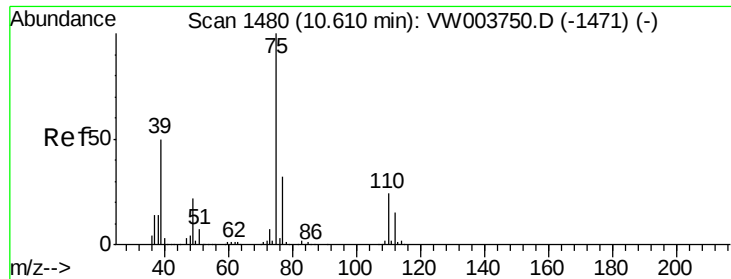
Tgt Ion: 92 Resp: 150124

Ion Ratio Lower Upper

92 100

91 173.2 140.6 211.0

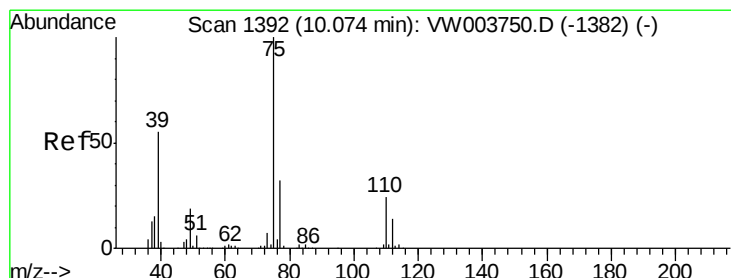
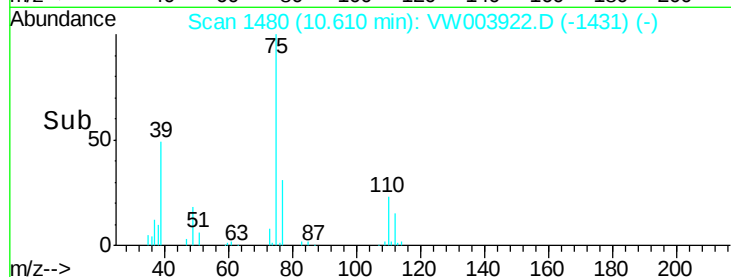
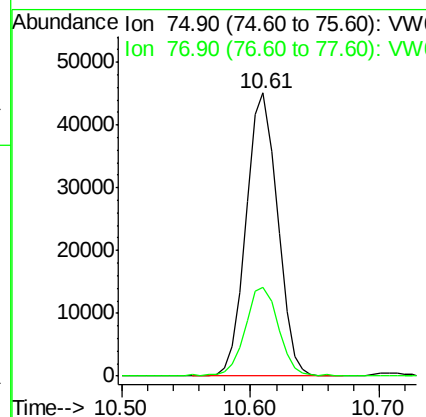
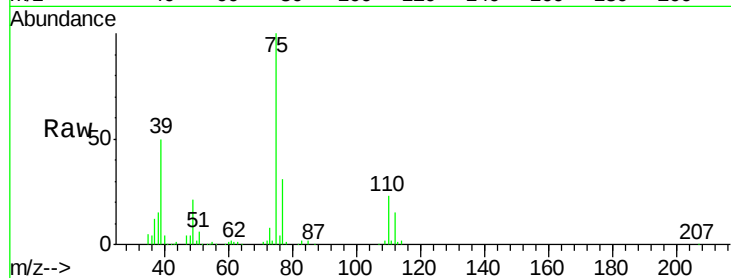




#53
 t-1,3-Dichloropropene
 Concen: 20.225 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

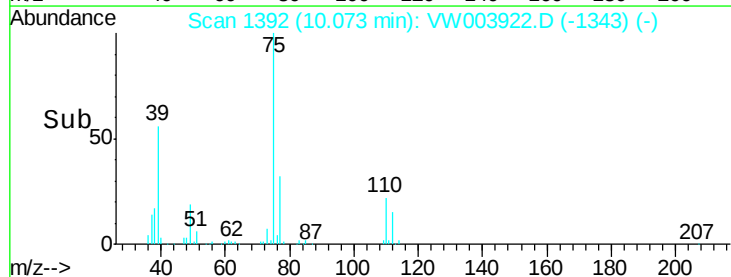
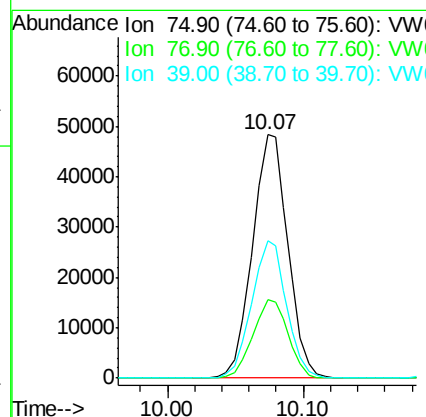
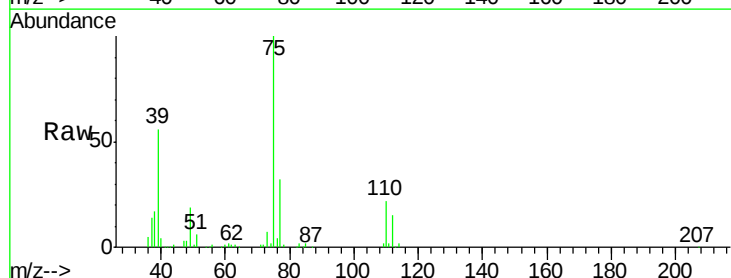
Instrument :
 MSVOA_W
 ClientSampled :

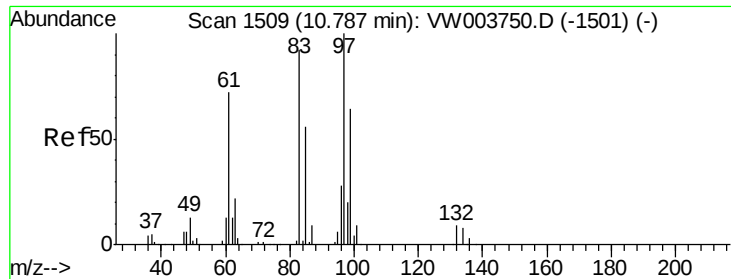
Tot Ion: 75 Resp: 76067
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.669 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion: 75 Resp: 87754
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 56.2 43.6 65.4

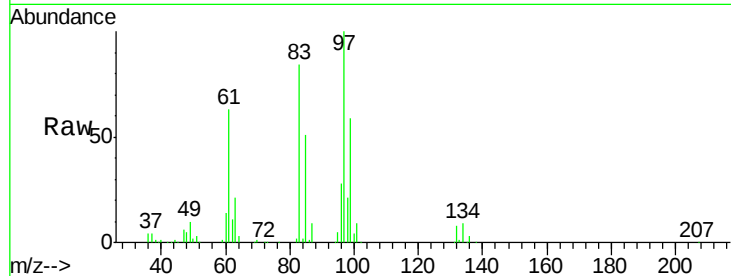




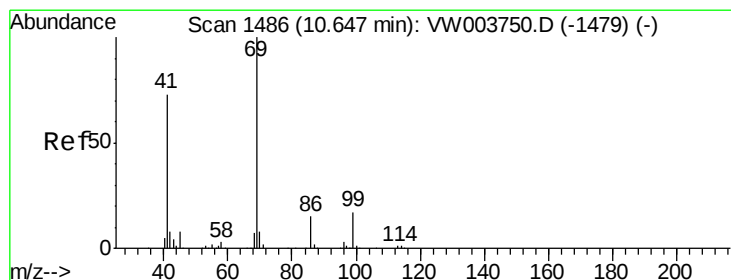
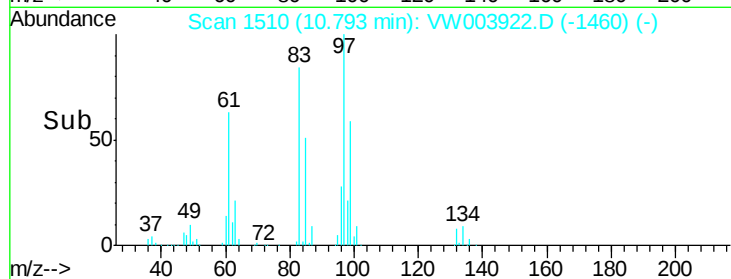
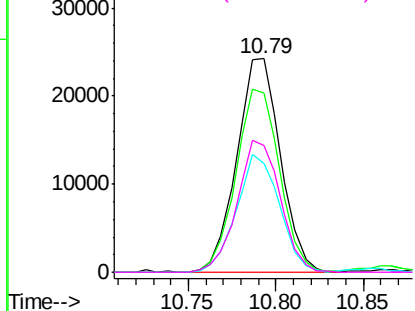
#55
 1,1,2-Trichloroethane
 Concen: 19.834 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	42178
Ion	Ratio	Lower	Upper
97	100		
83	83.5	73.8	110.6
85	50.7	45.0	67.4
99	59.5	51.2	76.8

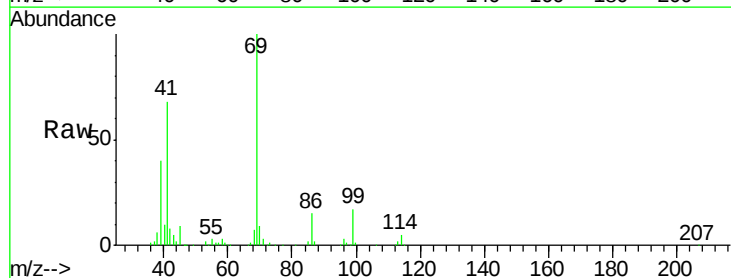


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

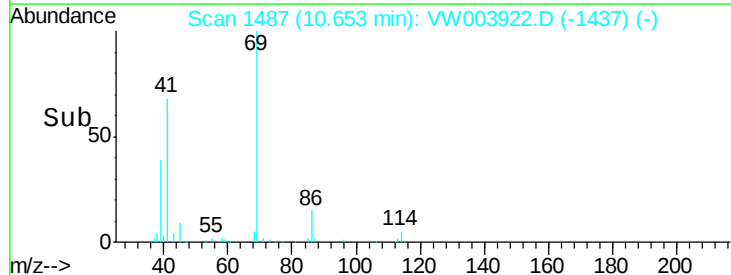
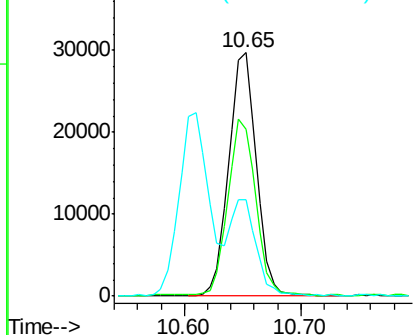


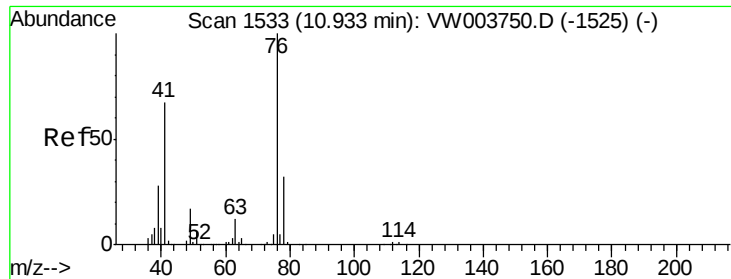
#56
 Ethyl methacrylate
 Concen: 19.010 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion:	69	Resp:	49334
Ion	Ratio	Lower	Upper
69	100		
41	71.9	59.0	88.4
39	36.0	32.8	49.2



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

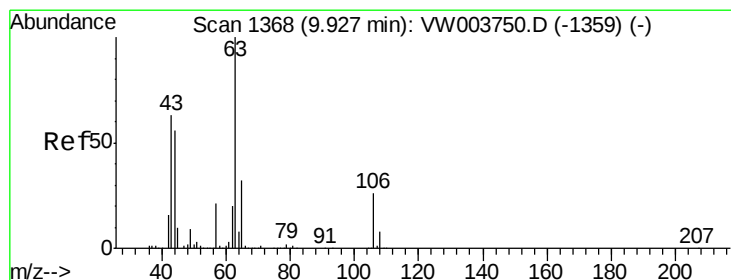
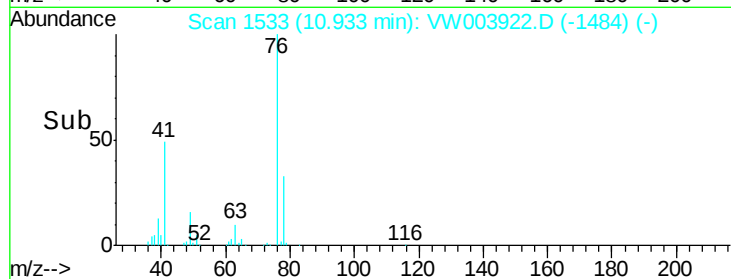
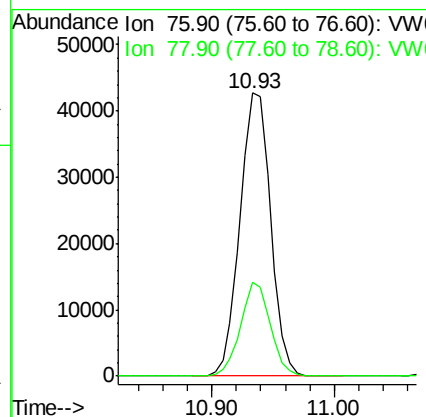
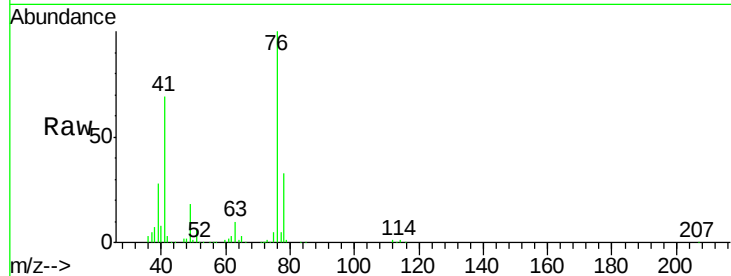




#57
 1,3-Dichloropropane
 Concen: 20.012 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

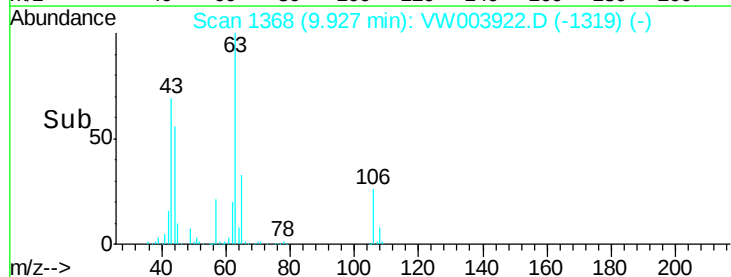
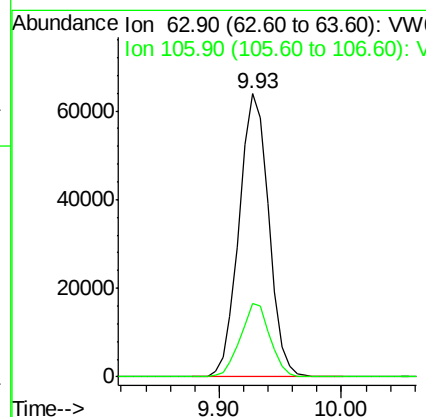
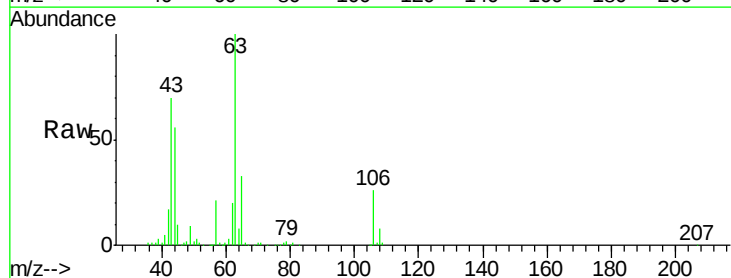
Instrument :
 MSVOA_W
 ClientSampleId :

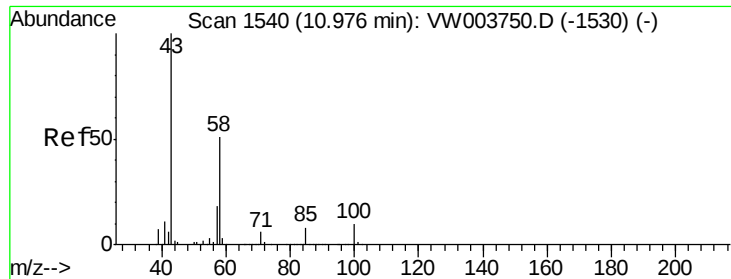
Tot Ion: 76 Resp: 74174
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.366 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion: 63 Resp: 107019
 Ion Ratio Lower Upper
 63 100
 106 26.0 20.9 31.3

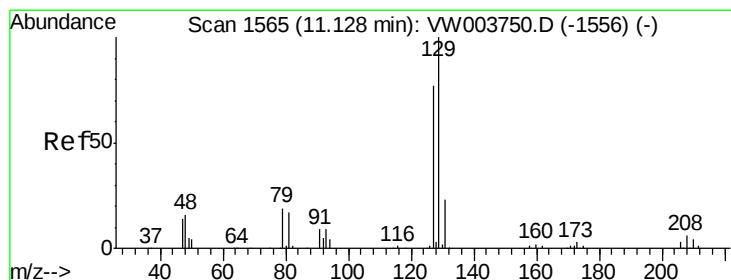
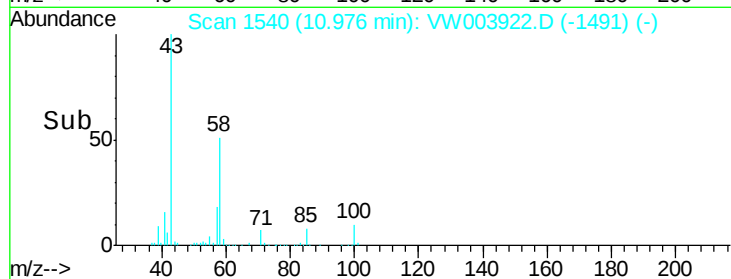
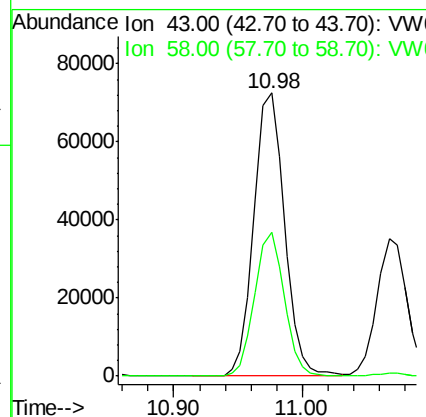
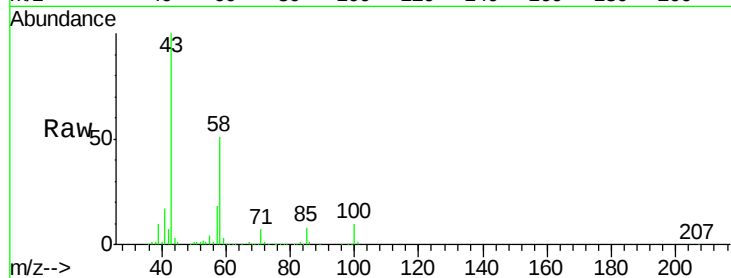




#59
2-Hexanone
Concen: 93.059 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

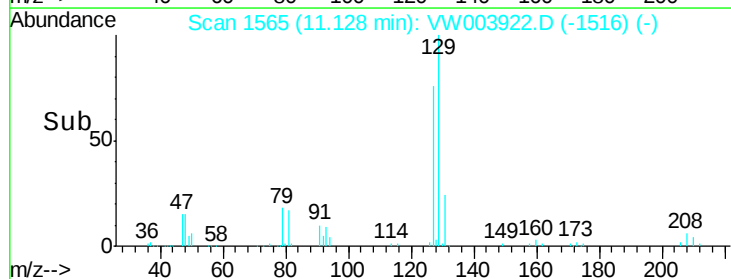
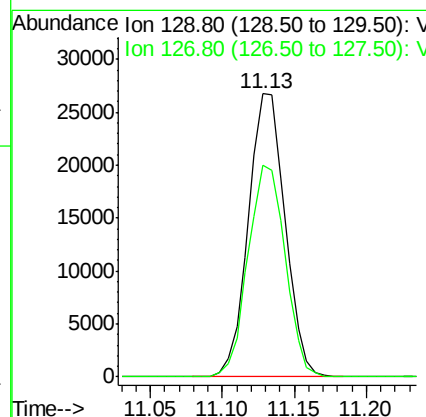
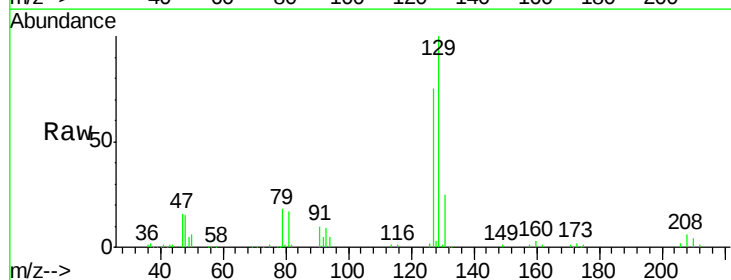
Instrument :
MSVOA_W
ClientSampleId :

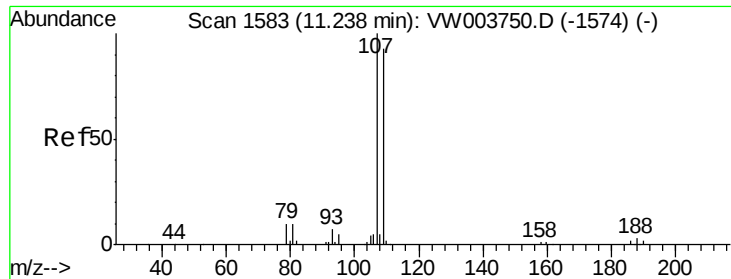
Tot Ion: 43 Resp: 119461
Ion Ratio Lower Upper
43 100
58 49.2 25.4 76.2



#60
Dibromochloromethane
Concen: 18.974 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 129 Resp: 47101
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.6

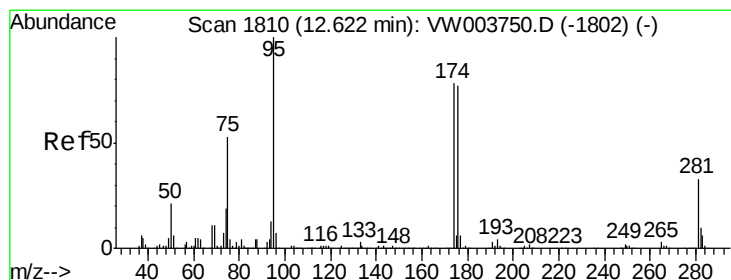
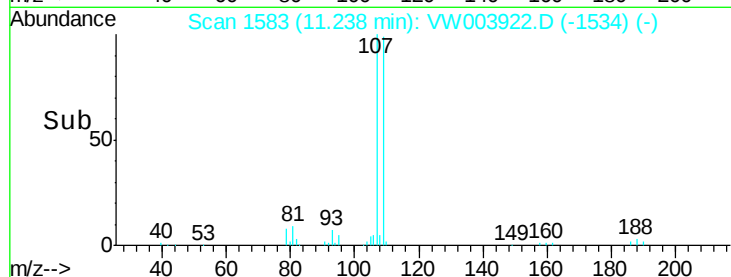
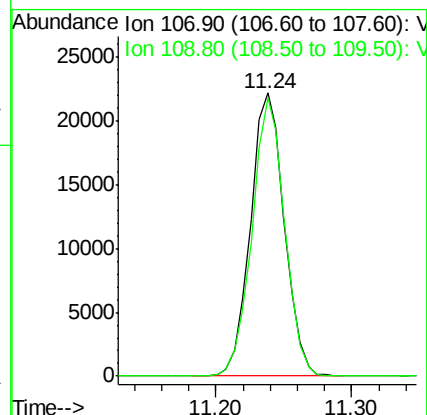
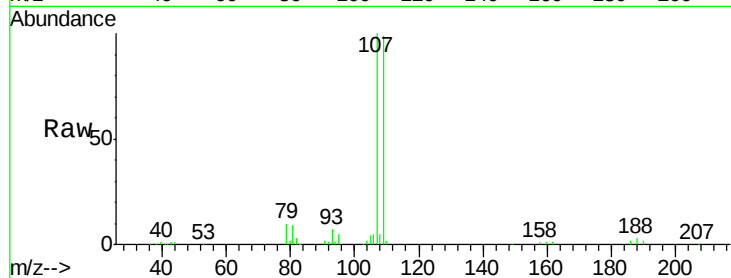




#61
 1,2-Dibromoethane
 Concen: 18.962 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

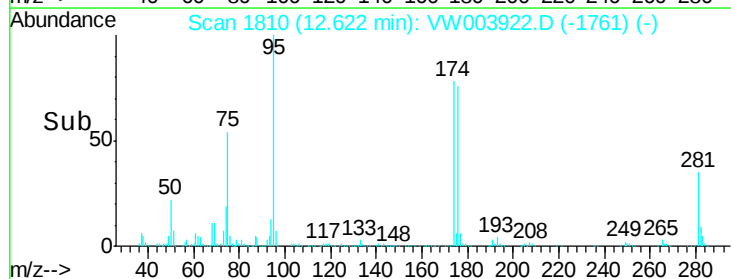
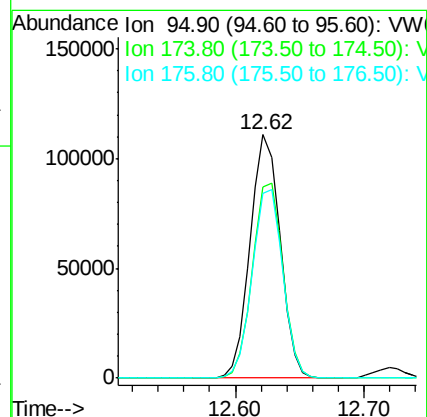
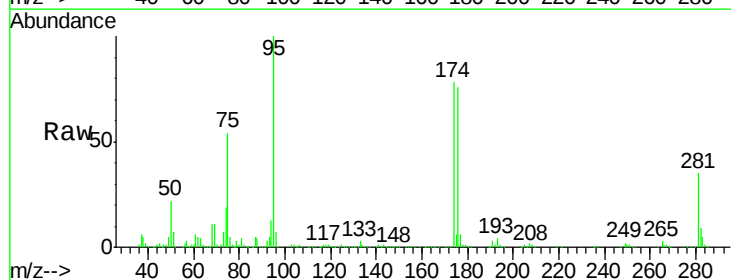
Instrument :
 MSVOA_W
 ClientSampleId :

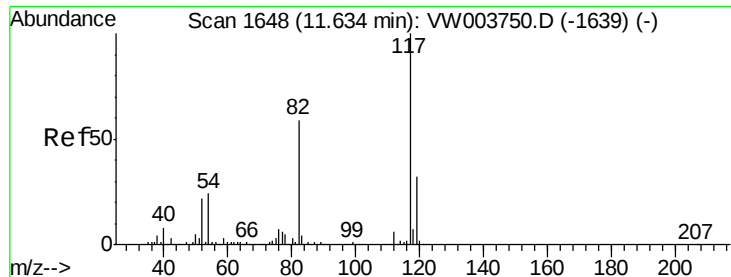
Tot Ion: 107 Resp: 38563
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.738 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion: 95 Resp: 177882
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 163.4
 176 78.6 0.0 156.8

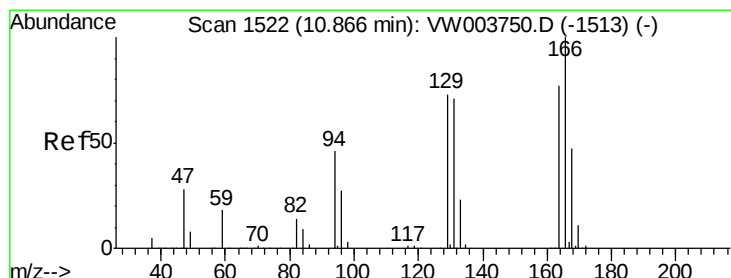
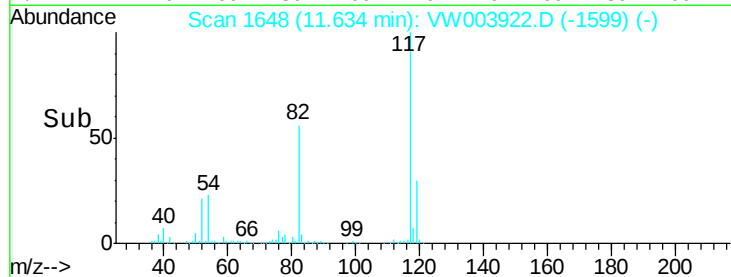
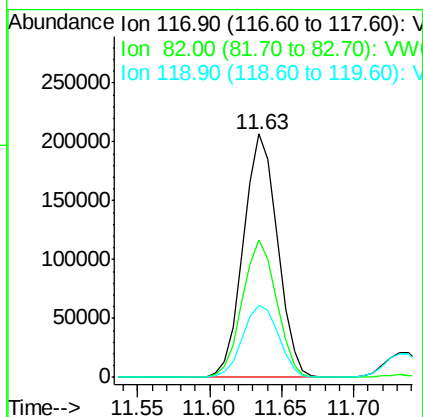
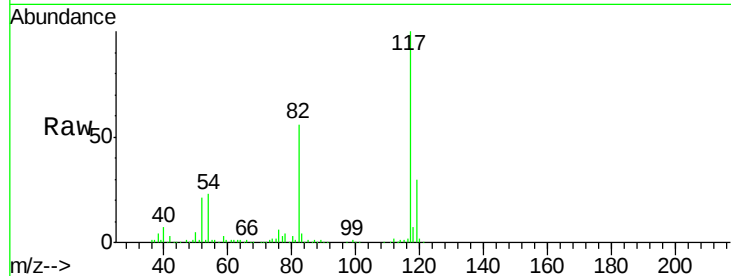




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

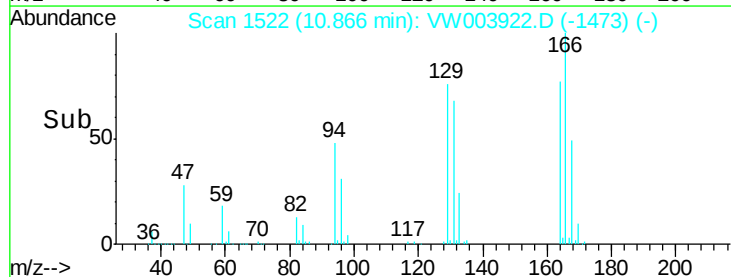
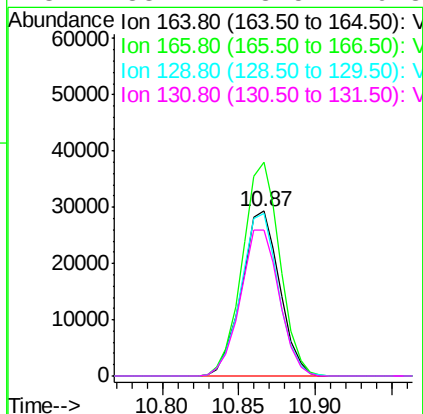
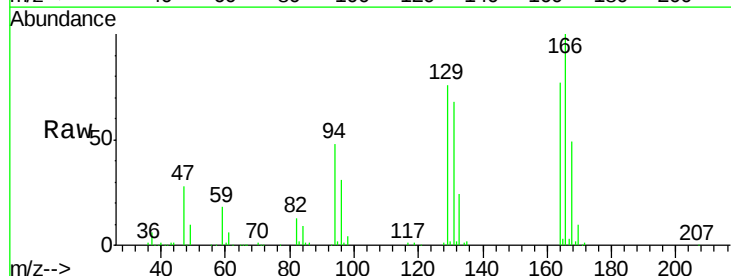
Instrument :
MSVOA_W
ClientSampleId :

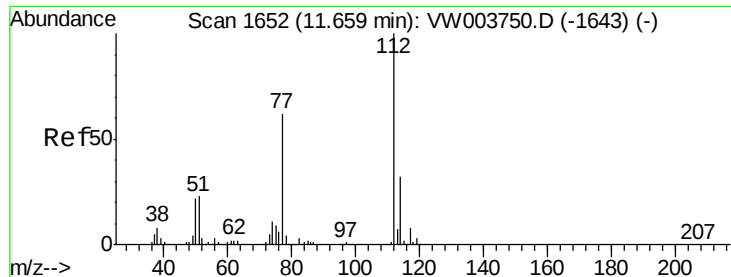
Tot Ion:117 Resp: 337903
Ion Ratio Lower Upper
117 100
82 56.4 46.9 70.3
119 29.7 25.5 38.3



#64
Tetrachloroethene
Concen: 20.249 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion:164 Resp: 50612
Ion Ratio Lower Upper
164 100
166 129.4 104.2 156.4
129 98.4 75.8 113.8
131 88.2 73.5 110.3





#65

Chlorobenzene

Concen: 21.368 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

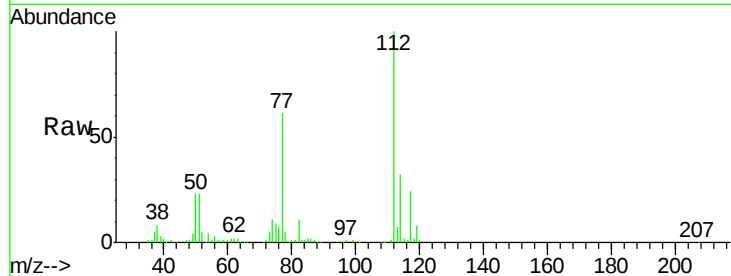
ClientSampled :

Tot Ion:112 Resp: 159170

Ion Ratio Lower Upper

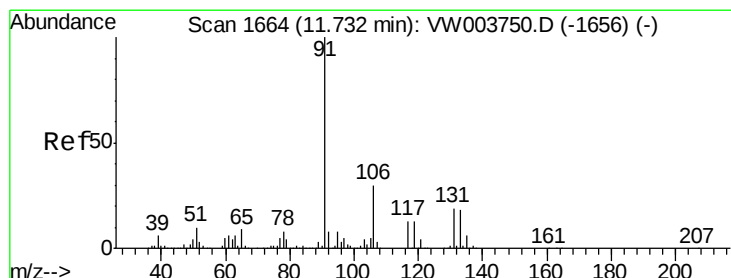
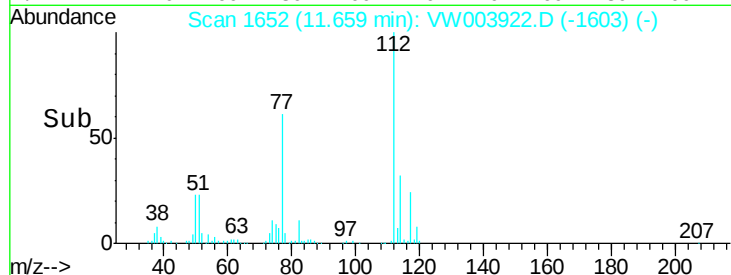
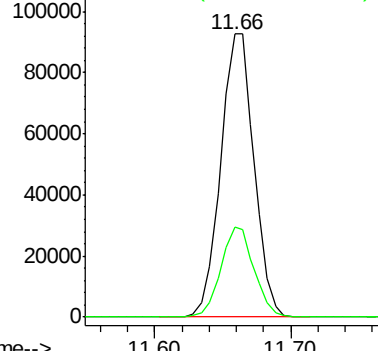
112 100

114 32.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.648 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

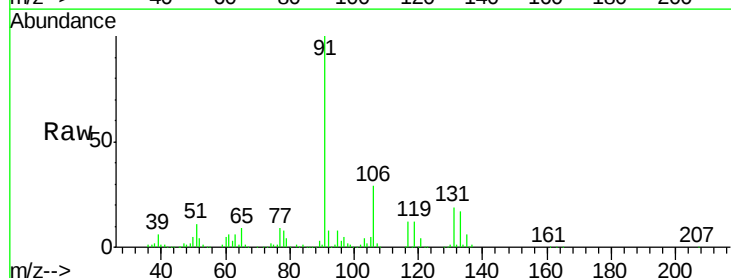
Tgt Ion:131 Resp: 53748

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.2

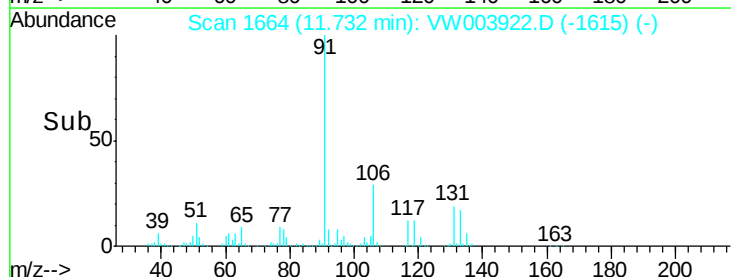
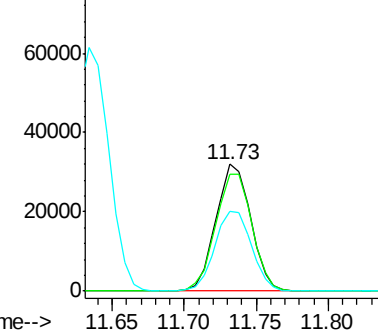
119 65.9 33.2 99.6

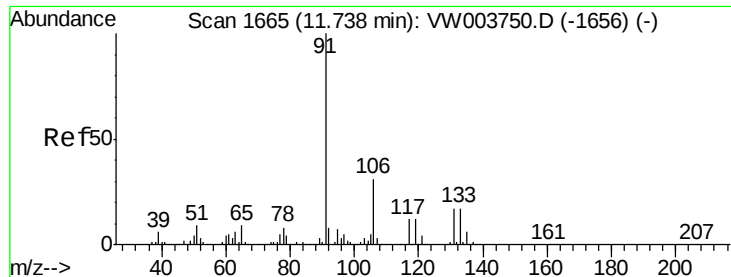


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

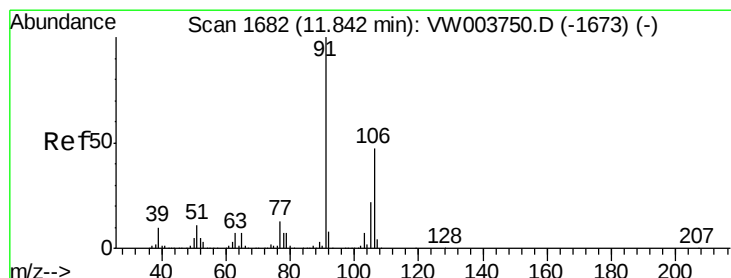
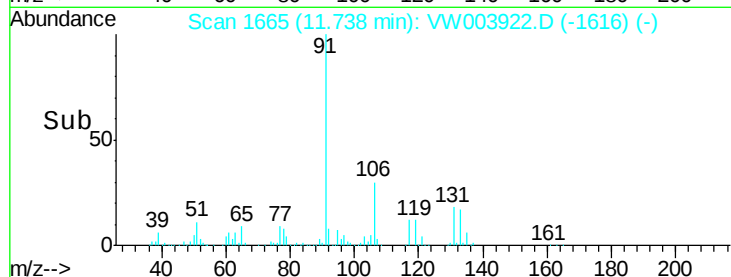
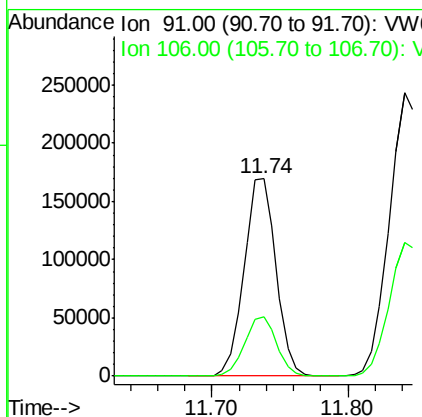
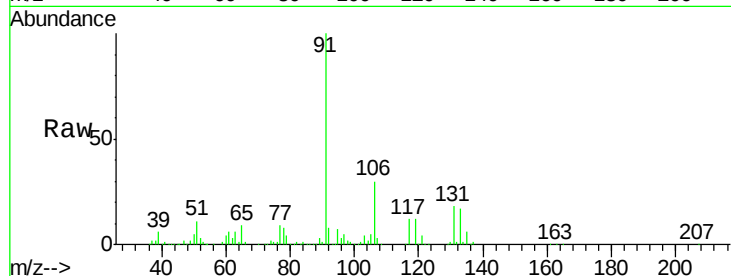




#67
Ethyl Benzene
Concen: 21.864 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

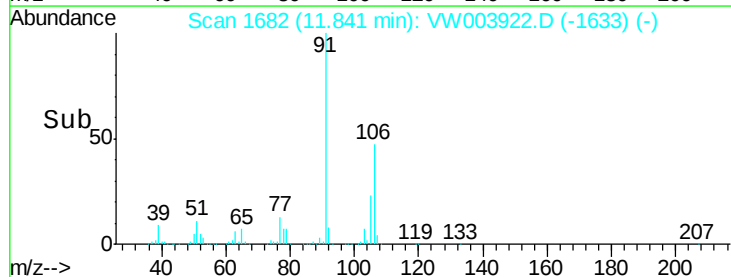
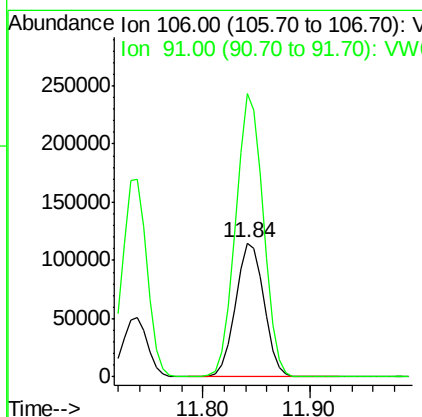
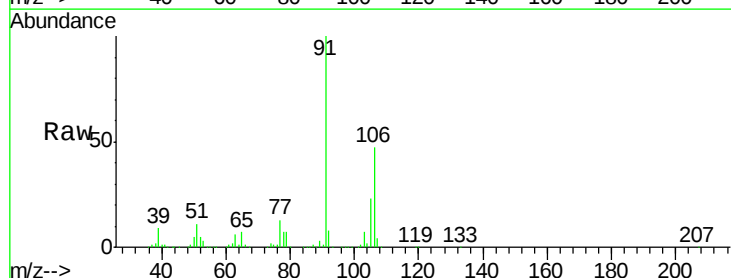
Instrument :
MSVOA_W
ClientSampled :

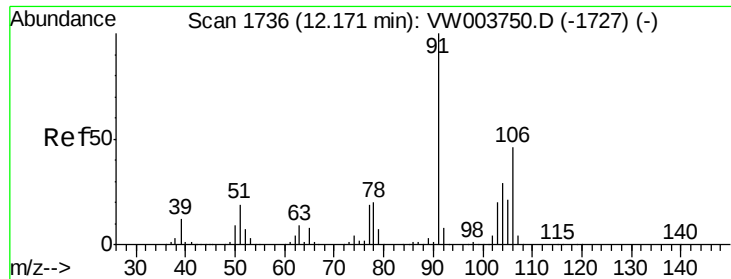
Tot Ion: 91 Resp: 278480
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 44.226 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 106 Resp: 215710
Ion Ratio Lower Upper
106 100
91 206.4 164.3 246.5

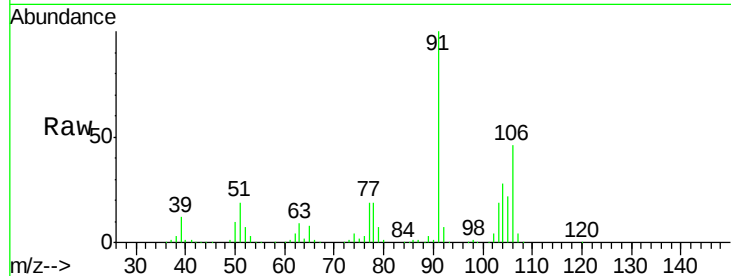




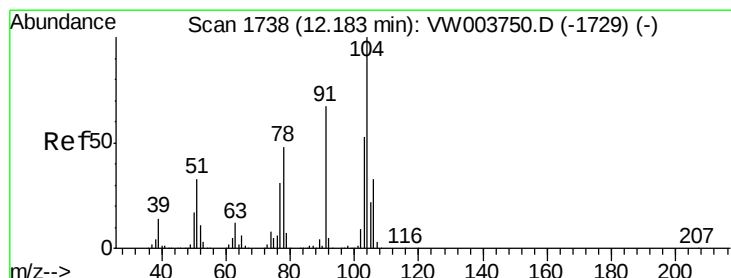
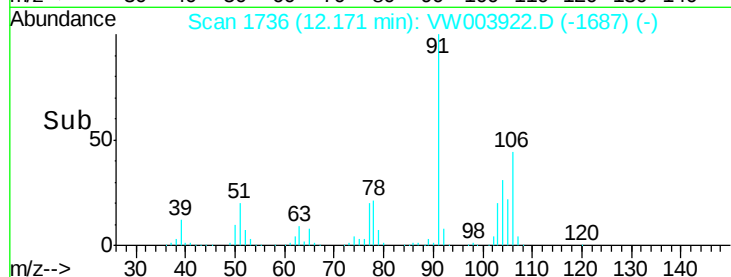
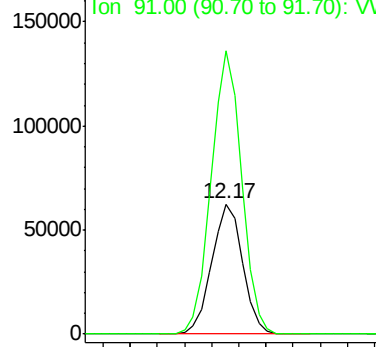
#69
o-Xylene
Concen: 22.016 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 99087
Ion Ratio Lower Upper
106 100
91 214.8 109.1 327.2

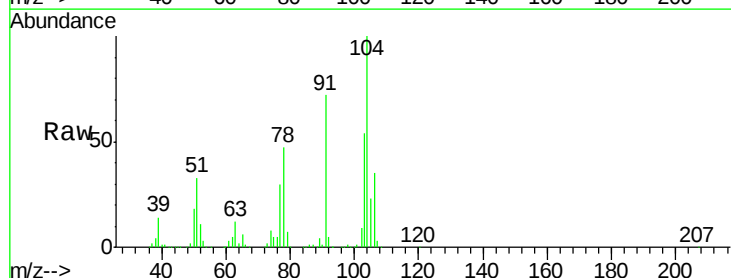


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

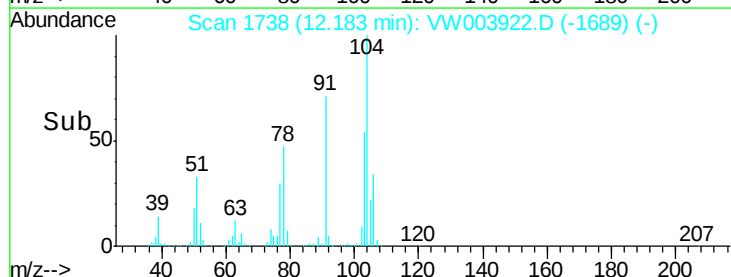
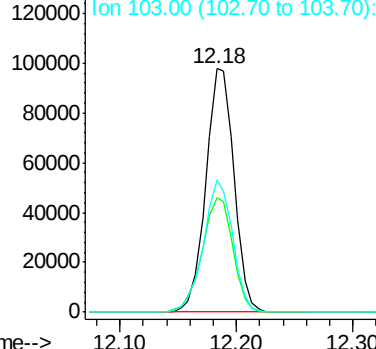


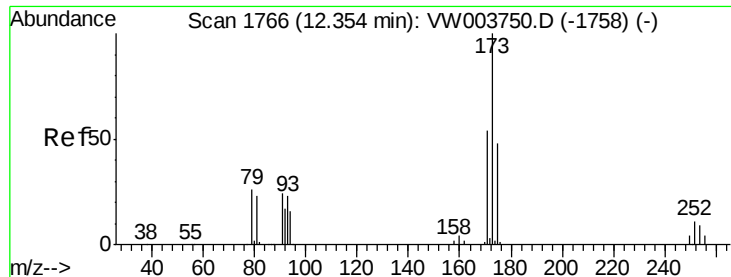
#70
Styrene
Concen: 21.566 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion:104 Resp: 165049
Ion Ratio Lower Upper
104 100
78 51.3 41.1 61.7
103 55.8 44.6 67.0



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





#71

Bromoform

Concen: 19.262 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

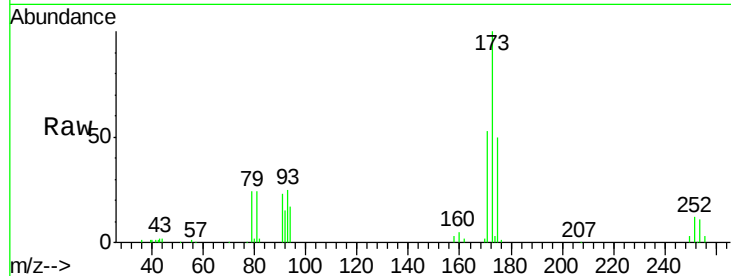
Tot Ion:173 Resp: 27671

Ion Ratio Lower Upper

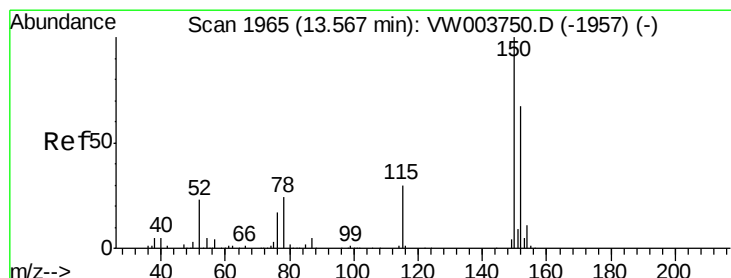
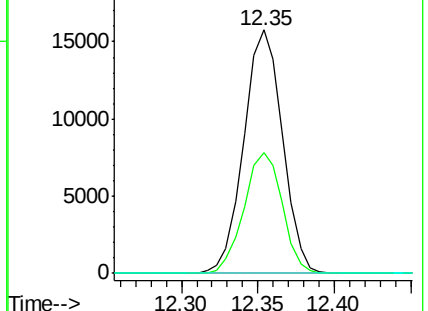
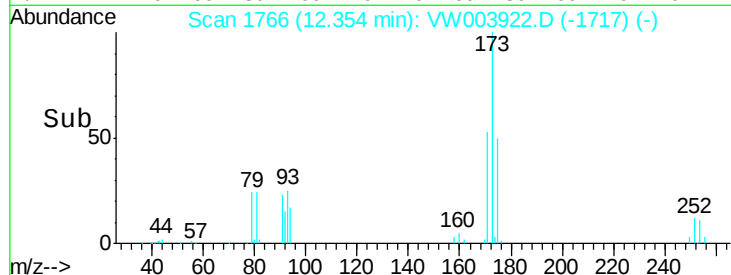
173 100

175 49.0 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

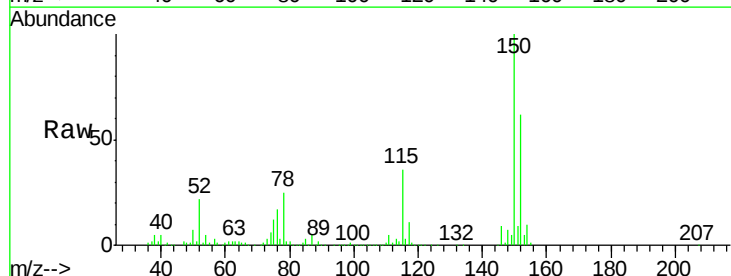
Tgt Ion:152 Resp: 178011

Ion Ratio Lower Upper

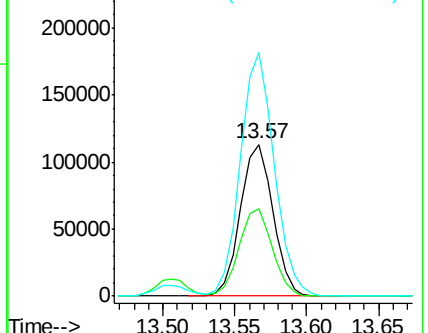
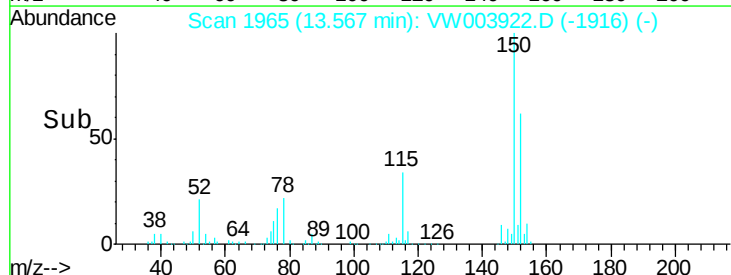
152 100

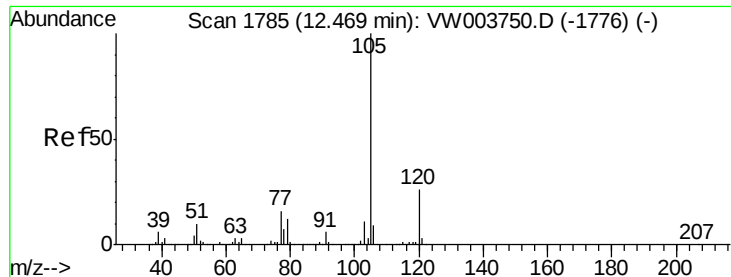
115 59.0 28.9 86.8

150 166.2 0.0 342.4



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: 22.892 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

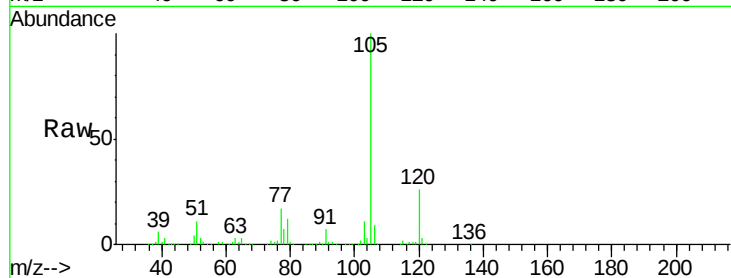
ClientSampleId :

Tot Ion:105 Resp: 275973

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

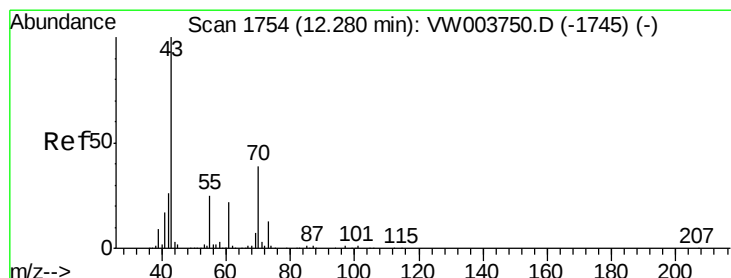
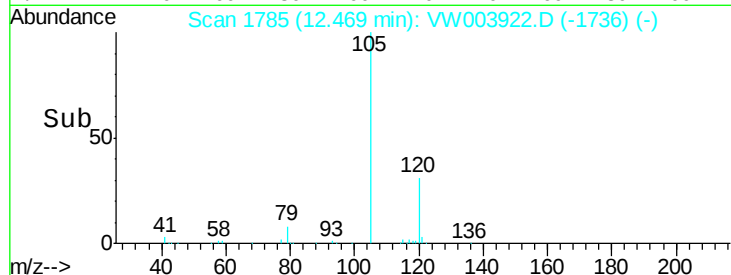
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.689 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Tgt Ion: 43 Resp: 61069

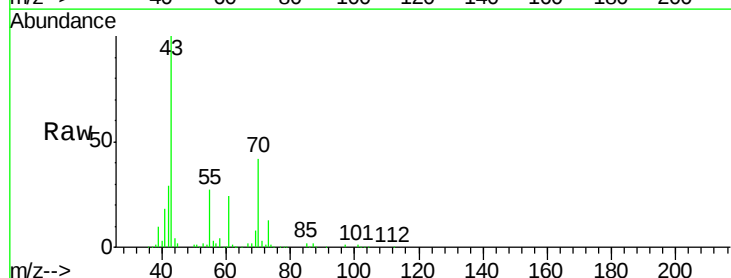
Ion Ratio Lower Upper

43 100

70 40.3 31.3 46.9

55 27.4 20.1 30.1

61 23.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.28

60000

50000

40000

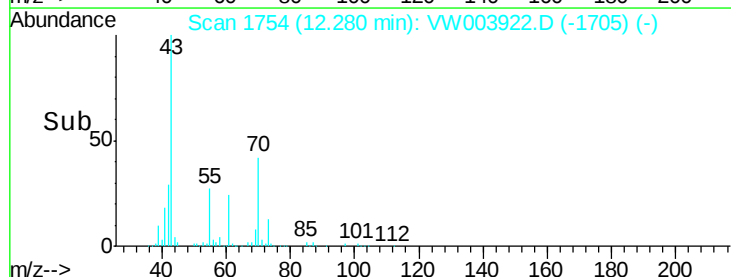
30000

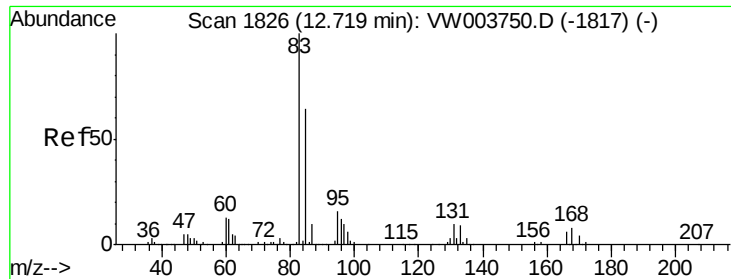
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.775 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

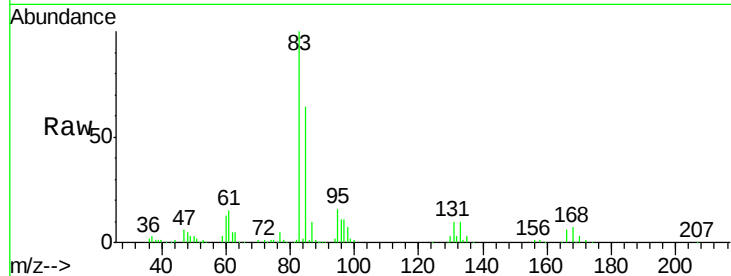
Tot Ion: 83 Resp: 48327

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.1	15.4
85	63.6	32.1	96.3

83 100

131 11.2 5.1 15.4

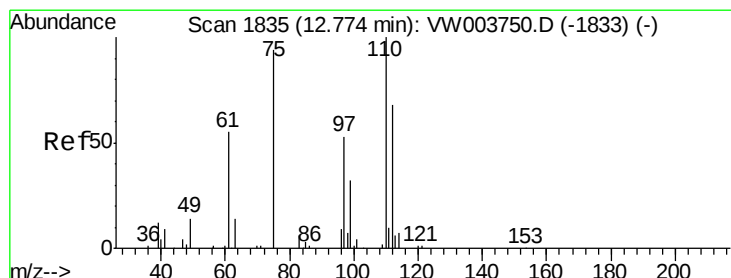
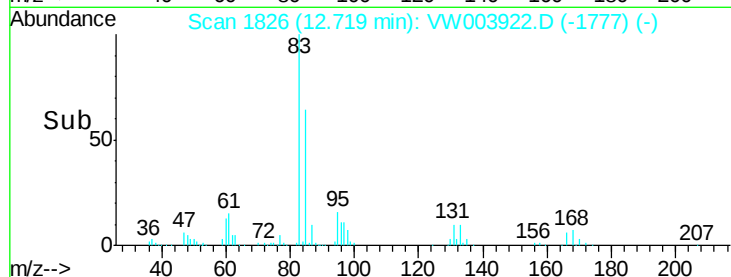
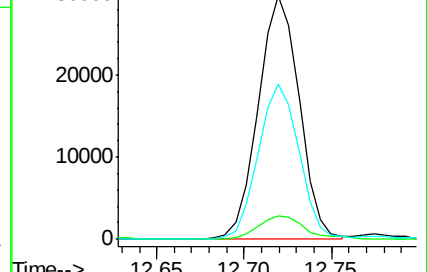
85 63.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.092 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003922.D

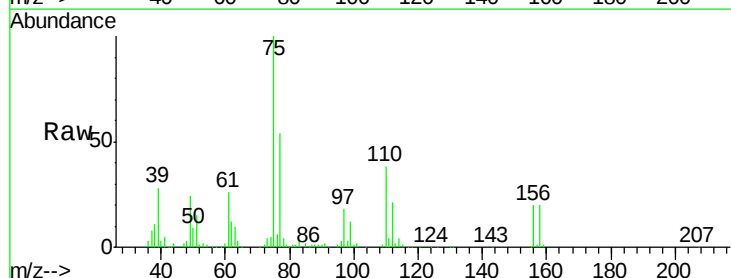
Acq: 13 Jul 2018 18:28

Tgt Ion: 75 Resp: 64838

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

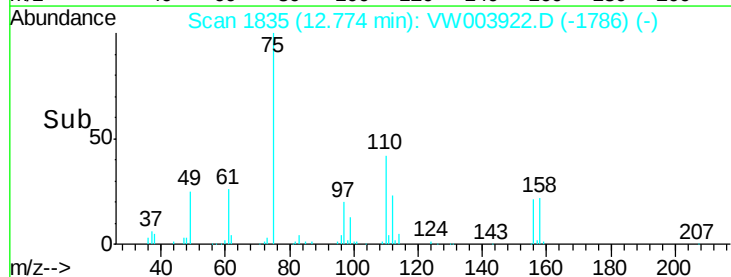
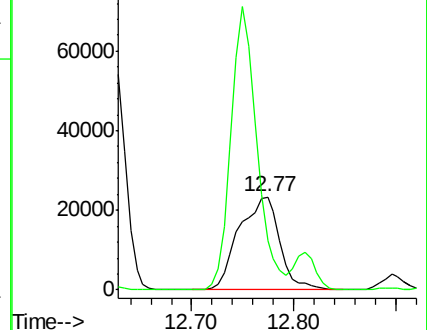
75 100

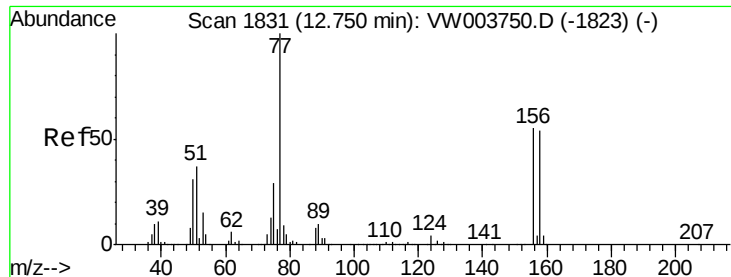
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.480 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

ClientSampled :

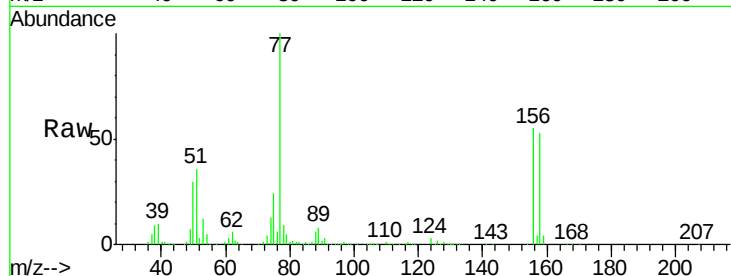
Tot Ion:156 Resp: 64286

Ion Ratio Lower Upper

156 100

77 195.5 98.7 296.0

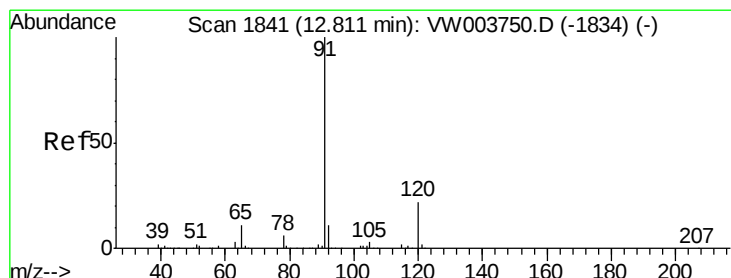
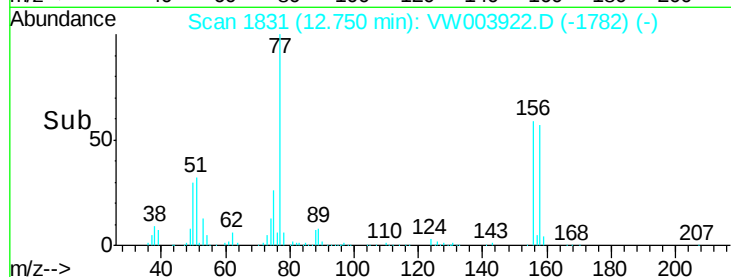
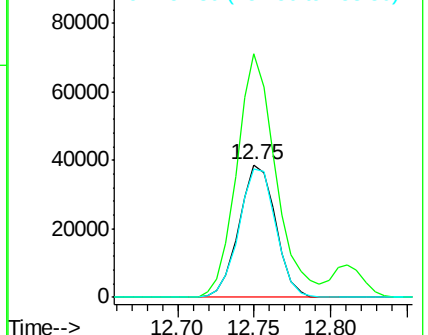
158 98.0 49.0 147.0



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: 22.961 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003922.D

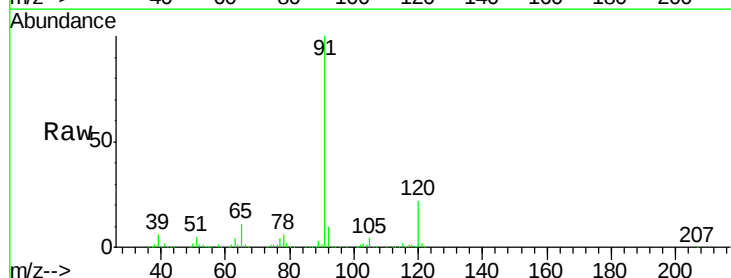
Acq: 13 Jul 2018 18:28

Tgt Ion: 91 Resp: 347468

Ion Ratio Lower Upper

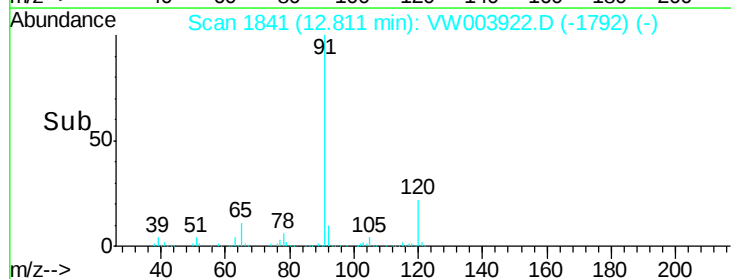
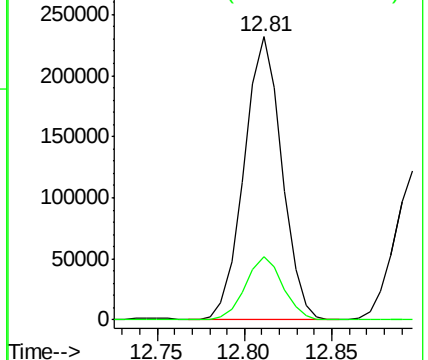
91 100

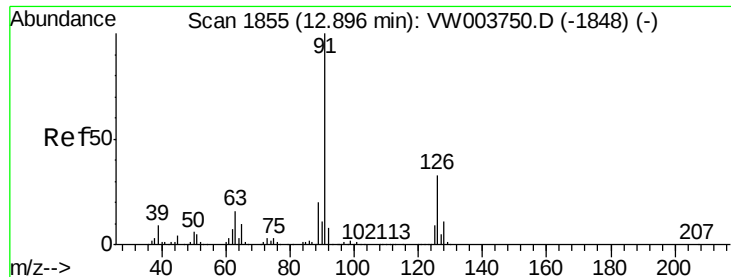
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.480 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

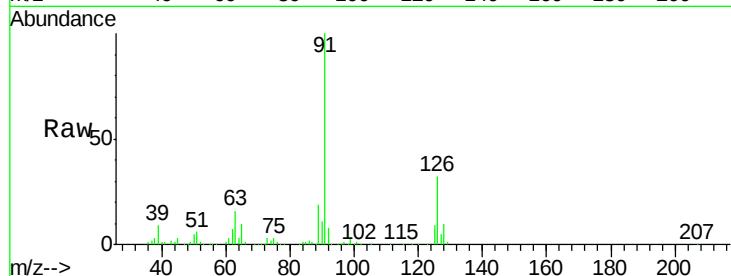
ClientSampled :

Tot Ion: 91 Resp: 195449

Ion Ratio Lower Upper

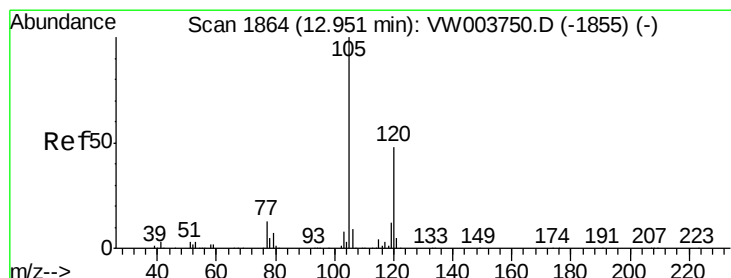
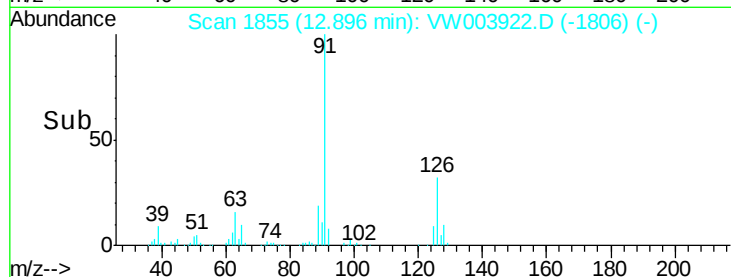
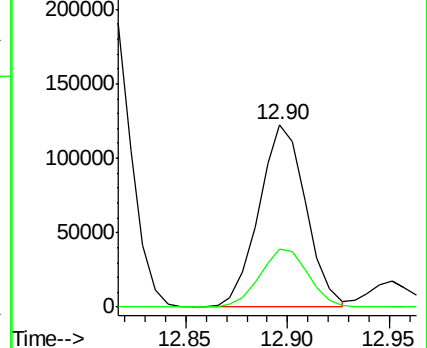
91 100

126 32.9 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.839 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003922.D

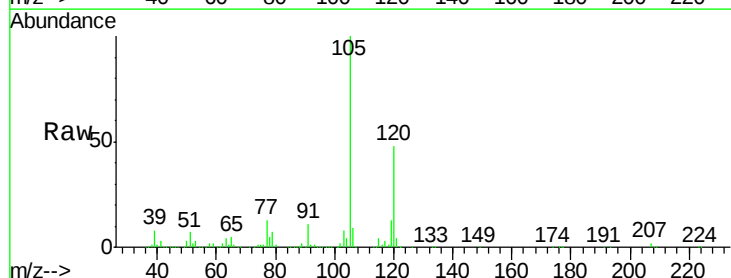
Acq: 13 Jul 2018 18:28

Tgt Ion:105 Resp: 237305

Ion Ratio Lower Upper

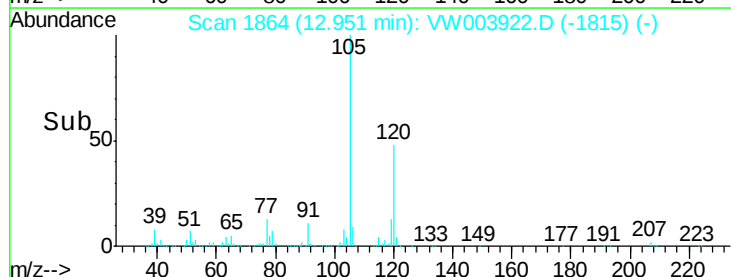
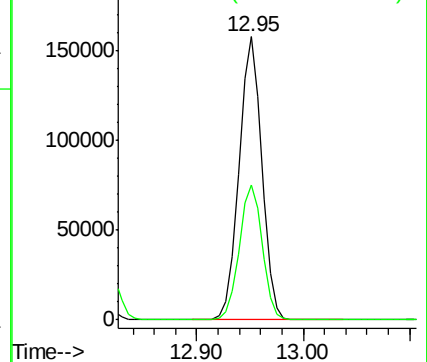
105 100

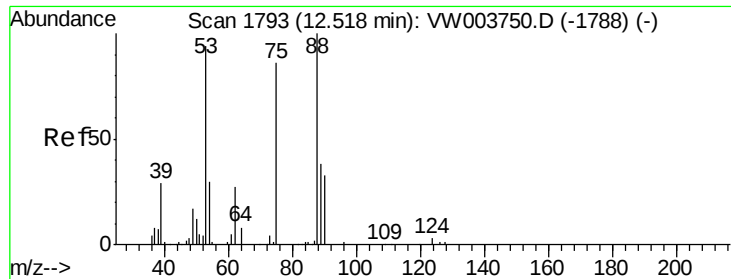
120 48.0 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.777 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

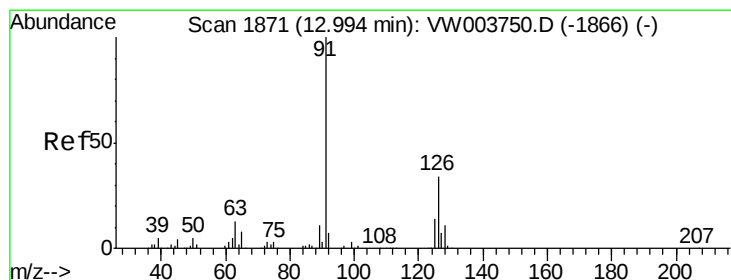
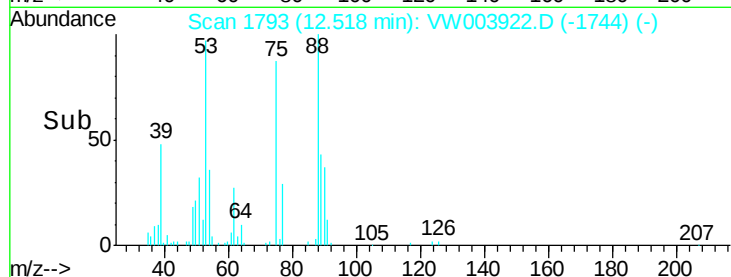
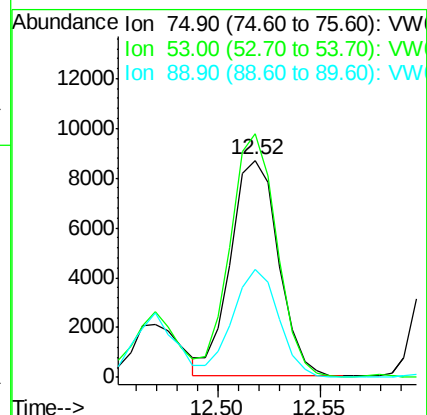
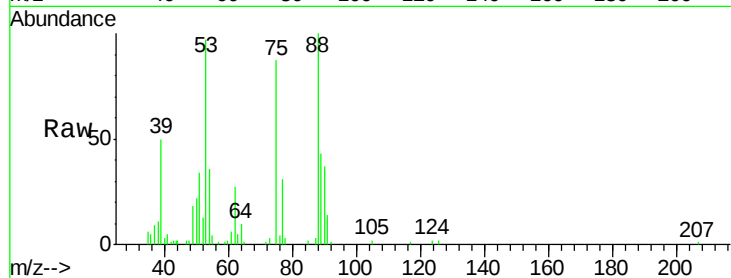
Tot Ion: 75 Resp: 14132

Ion Ratio Lower Upper

75 100

53 110.7 85.0 127.6

89 47.9 36.3 54.5



#82

4-Chlorotoluene

Concen: 22.096 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003922.D

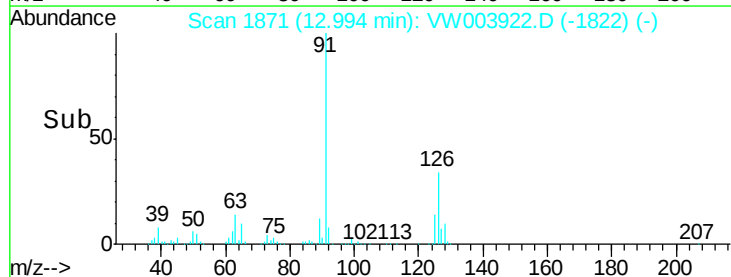
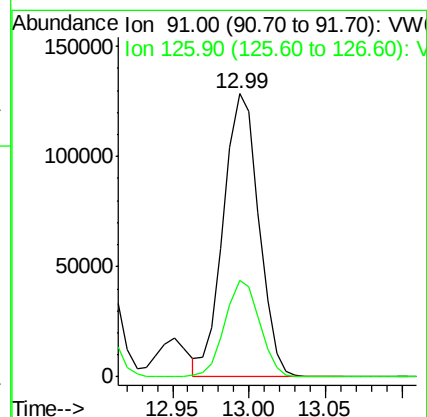
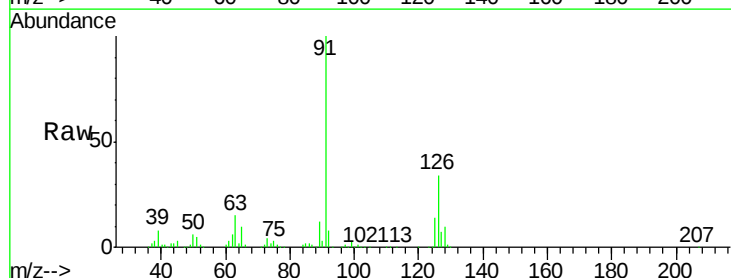
Acq: 13 Jul 2018 18:28

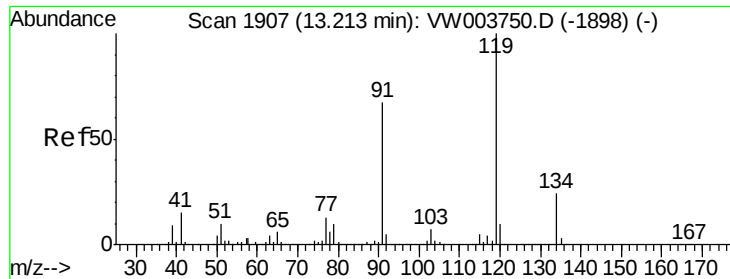
Tgt Ion: 91 Resp: 206578

Ion Ratio Lower Upper

91 100

126 33.7 16.5 49.5

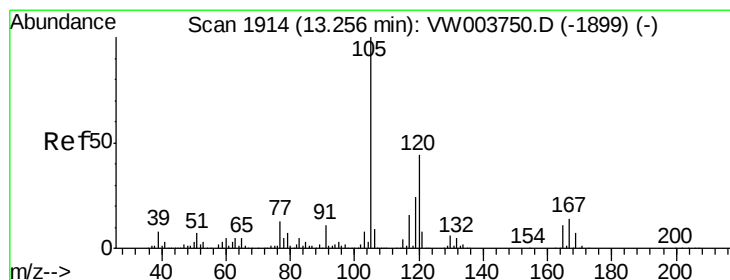
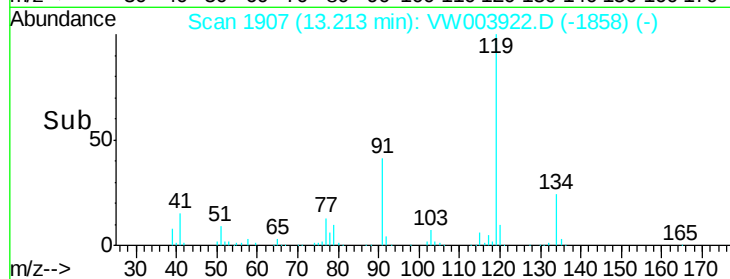
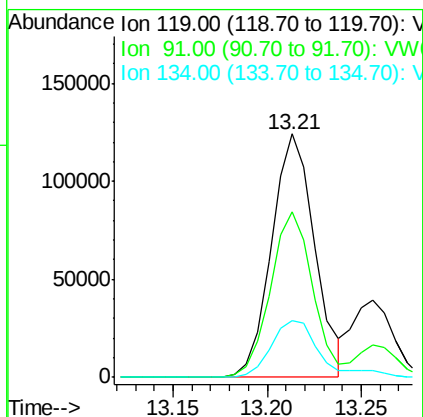
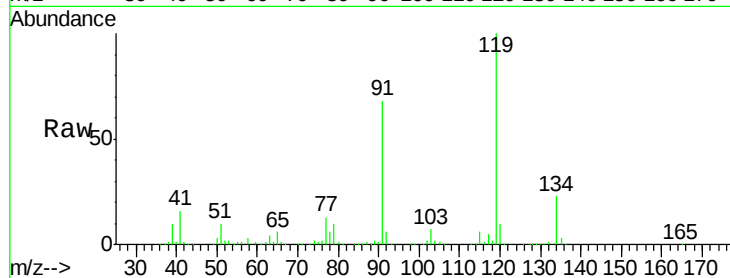




#83
tert-Butylbenzene
Concen: 23.003 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

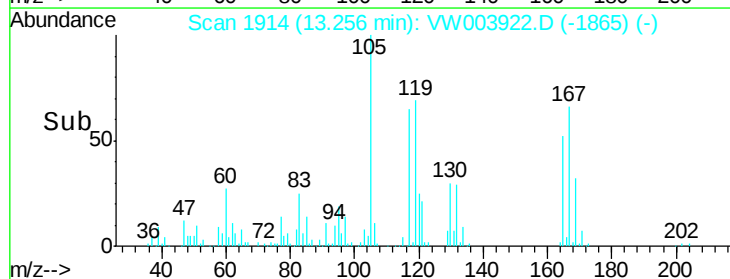
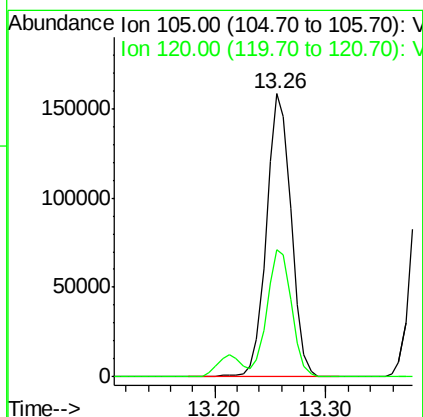
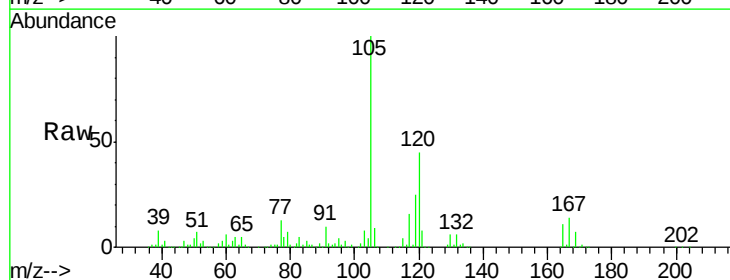
Instrument :
MSVOA_W
ClientSampleId :

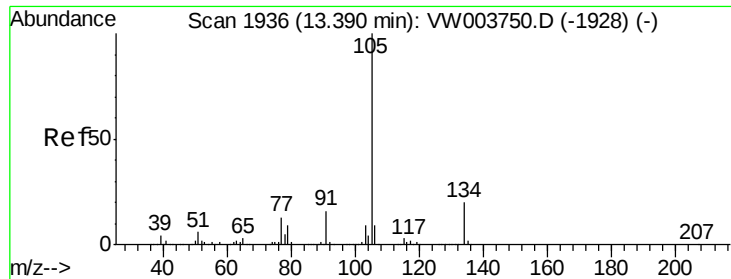
Tot Ion:119 Resp: 197115
Ion Ratio Lower Upper
119 100
91 66.1 33.0 98.9
134 26.7 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 22.609 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion:105 Resp: 244044
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 22.776 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

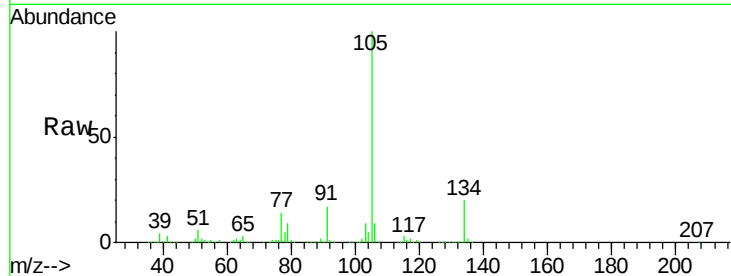
ClientSampled :

Tot Ion:105 Resp: 291955

Ion Ratio Lower Upper

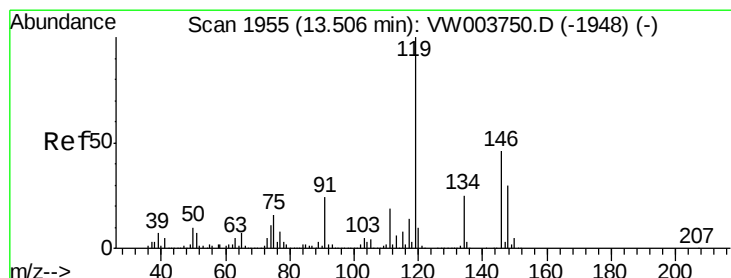
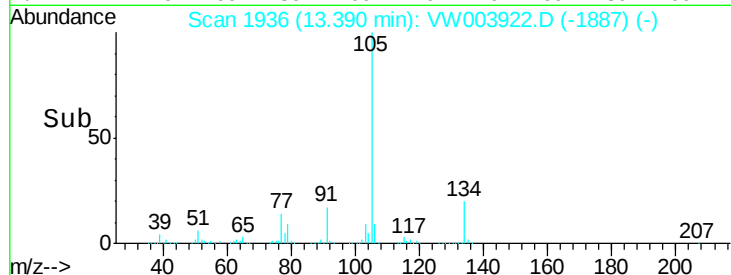
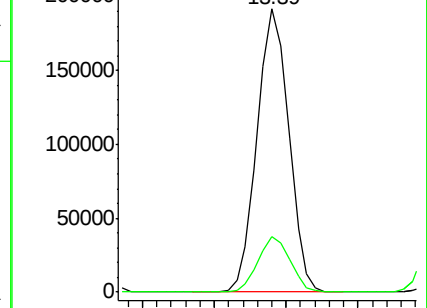
105 100

134 19.7 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.133 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

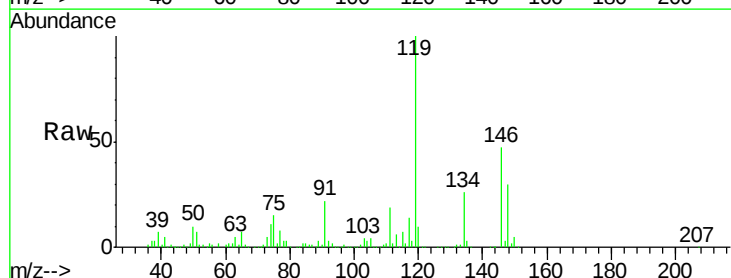
Tgt Ion:119 Resp: 259117

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

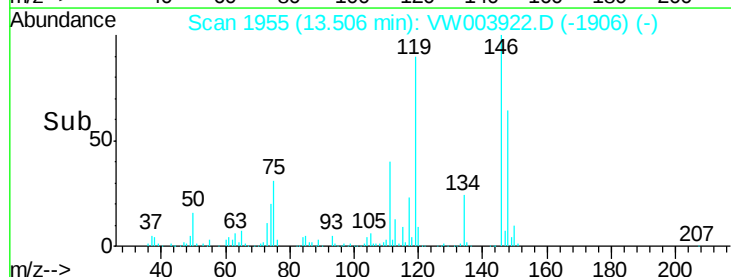
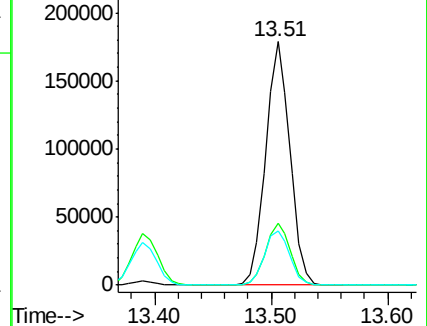
91 23.3 11.9 35.9

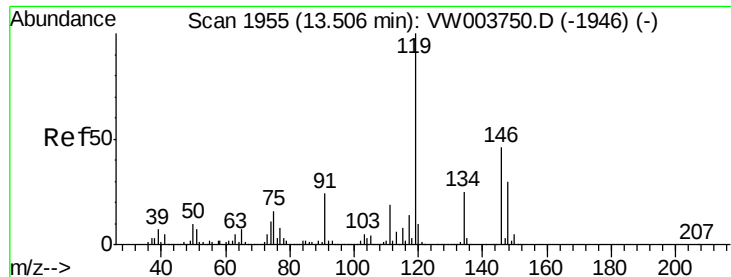


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

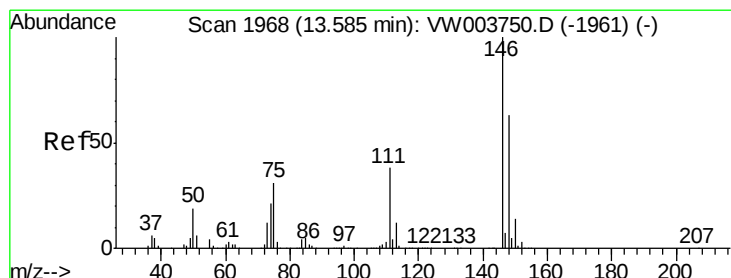
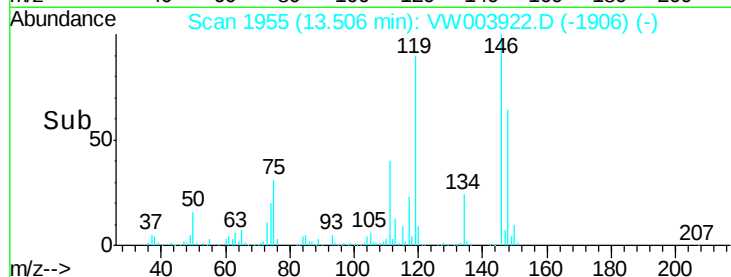
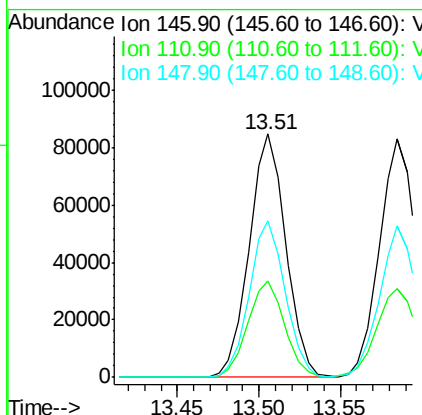
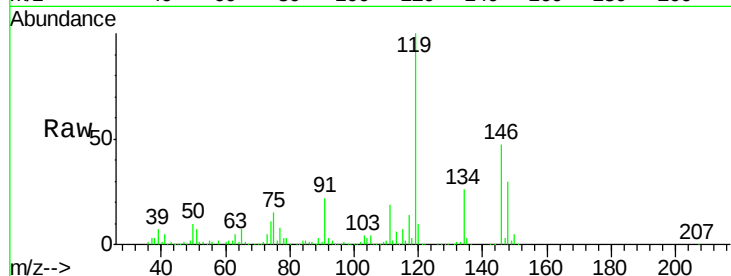




#87
 1,3-Dichlorobenzene
 Concen: 21.788 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

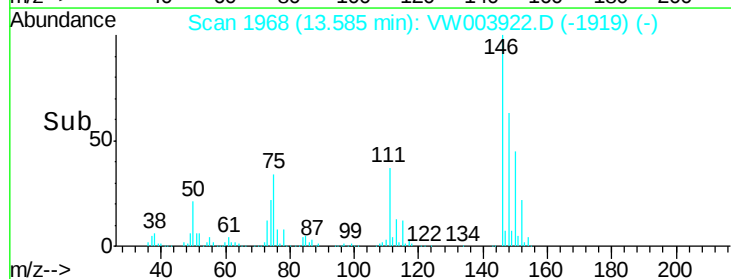
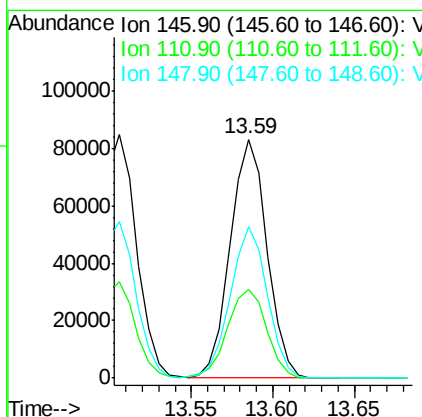
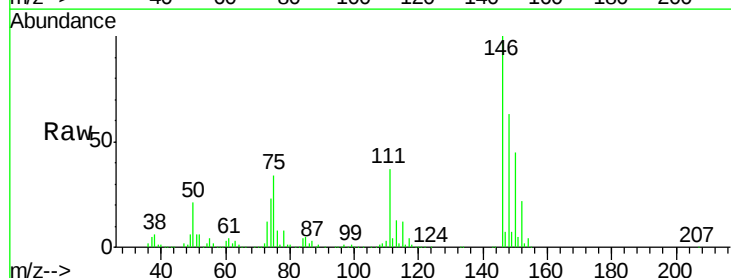
Instrument :
 MSVOA_W
 ClientSampleId :

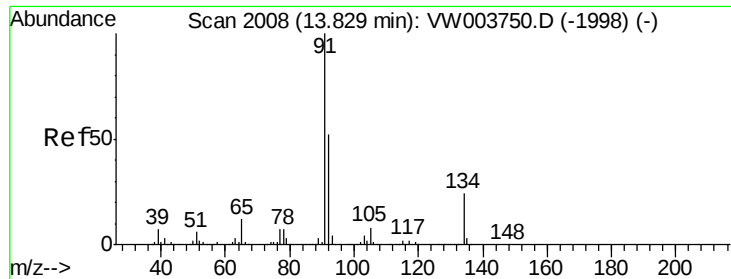
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.2	60.5
148	63.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.392 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.4
148	63.9	31.9	95.7

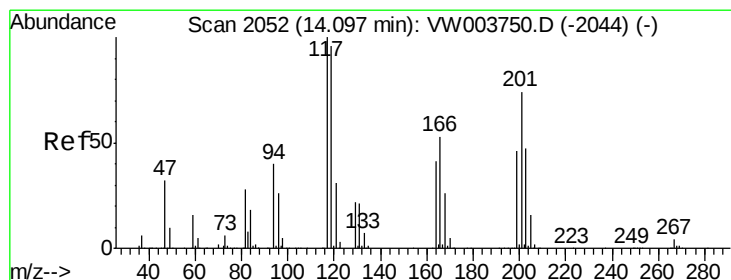
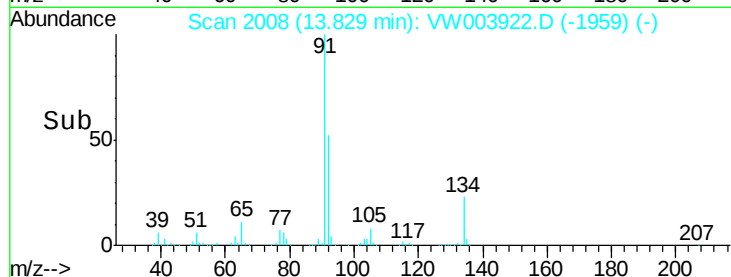
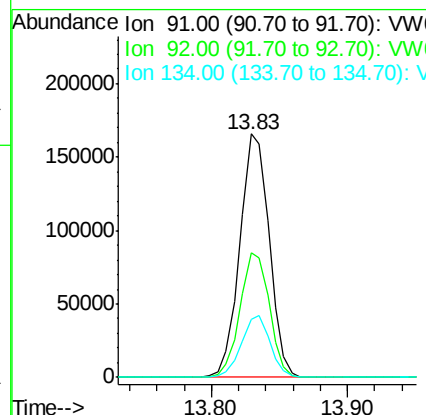
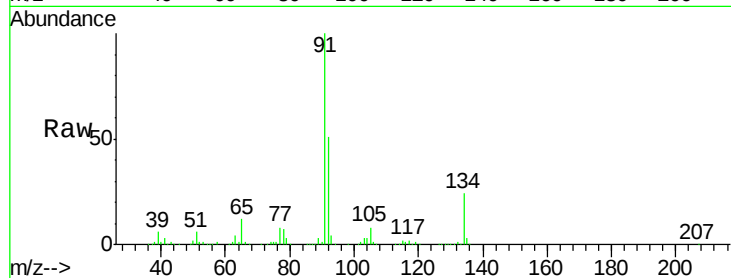




#89
n-Butylbenzene
Concen: 22.659 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

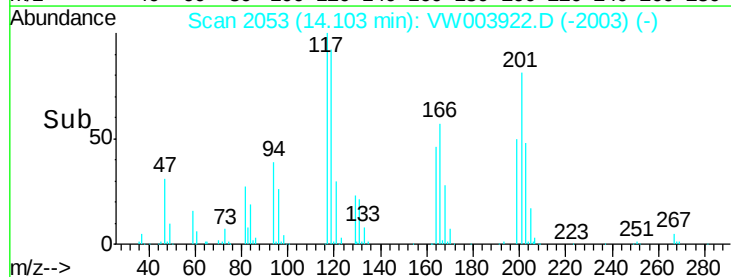
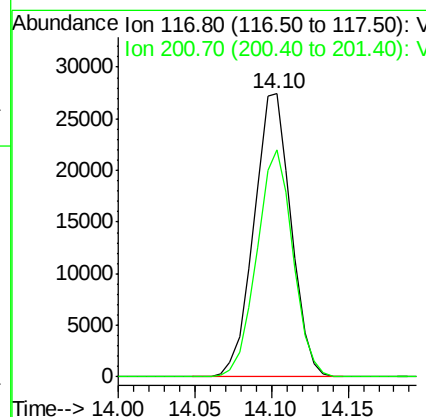
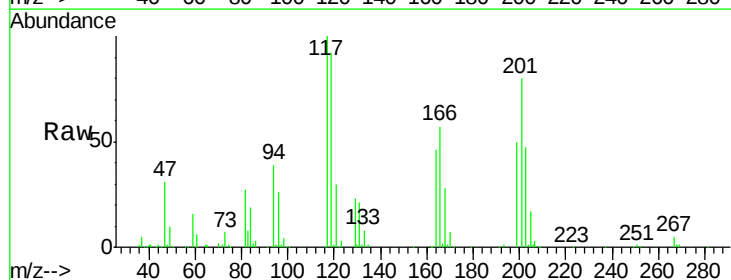
Instrument :
MSVOA_W
ClientSampled :

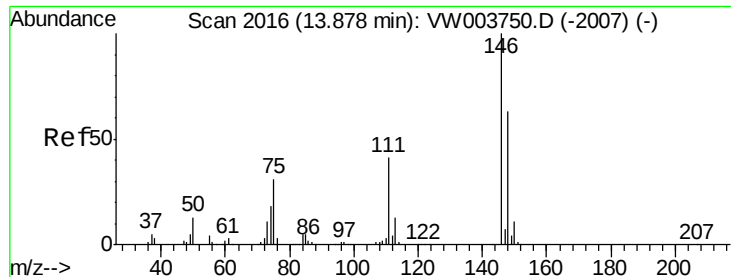
Tot Ion: 91 Resp: 249663
Ion Ratio Lower Upper
91 100
92 51.2 26.1 78.3
134 24.8 12.4 37.4



#90
Hexachloroethane
Concen: 21.483 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003922.D
Acq: 13 Jul 2018 18:28

Tgt Ion: 117 Resp: 46353
Ion Ratio Lower Upper
117 100
201 78.1 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 21.088 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

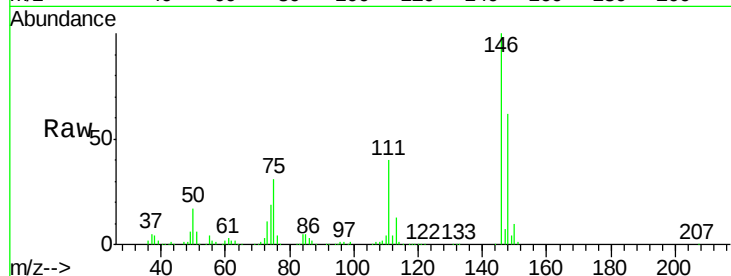
Tot Ion:146 Resp: 115089

Ion Ratio Lower Upper

146 100

111 41.2 20.7 62.1

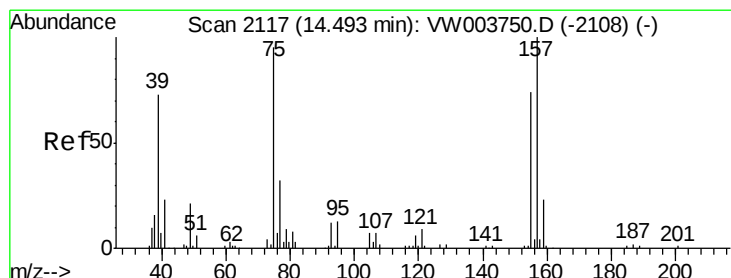
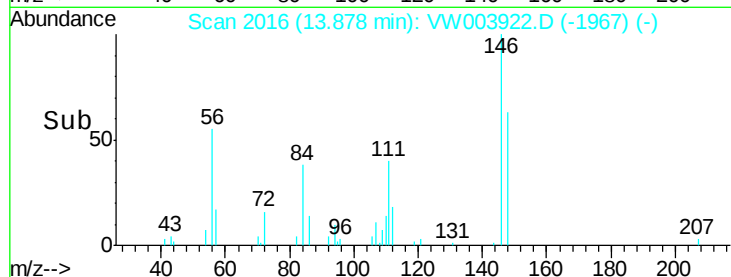
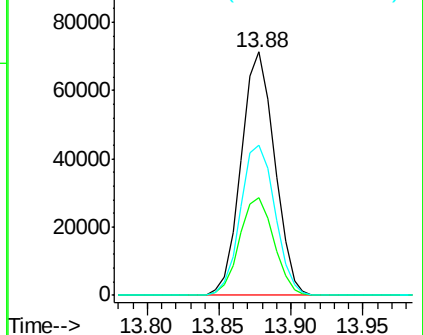
148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.136 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

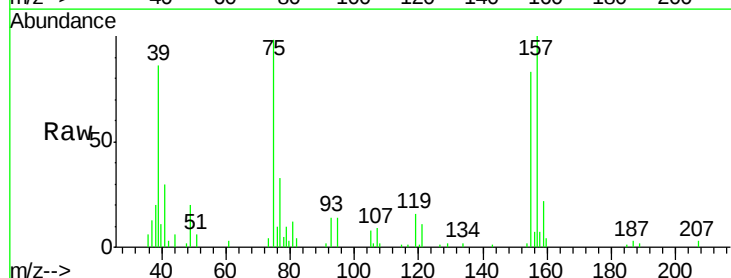
Tgt Ion: 75 Resp: 7672

Ion Ratio Lower Upper

75 100

155 81.8 39.2 117.6

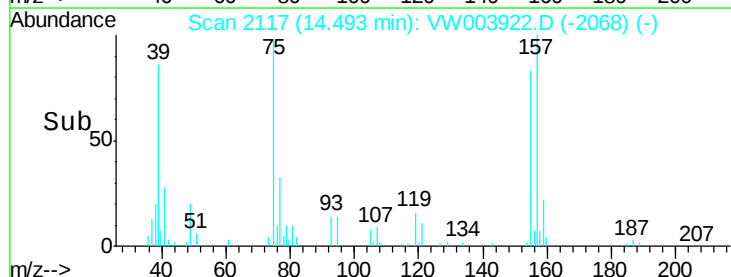
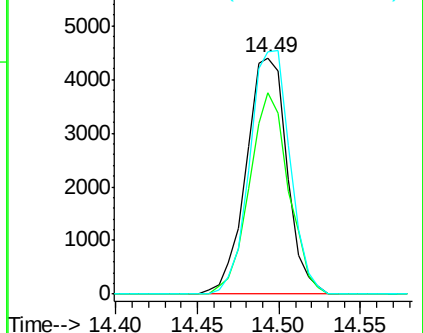
157 101.4 50.7 152.1

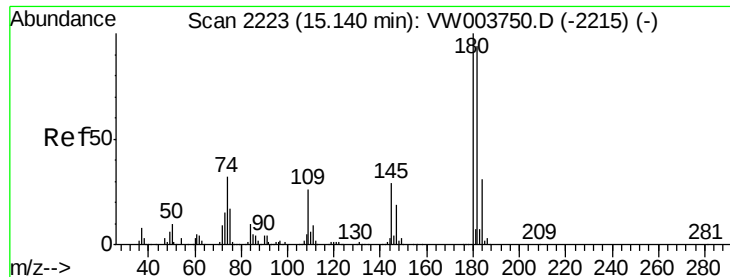


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

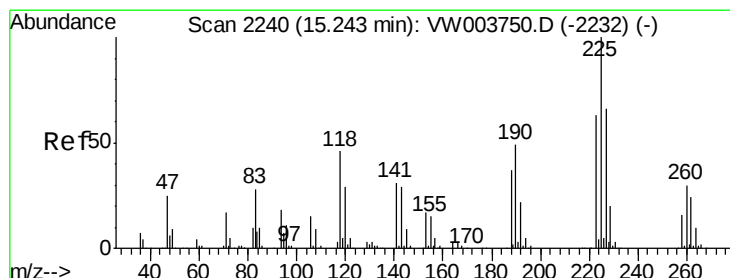
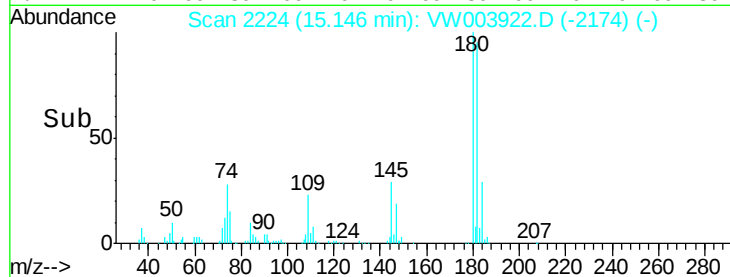
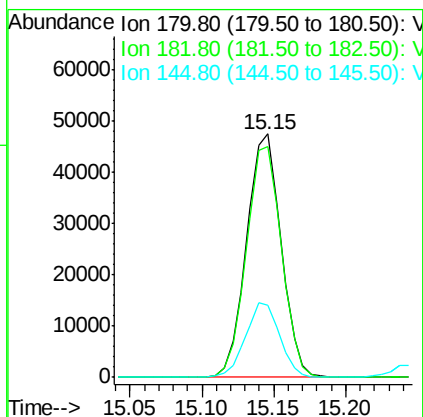
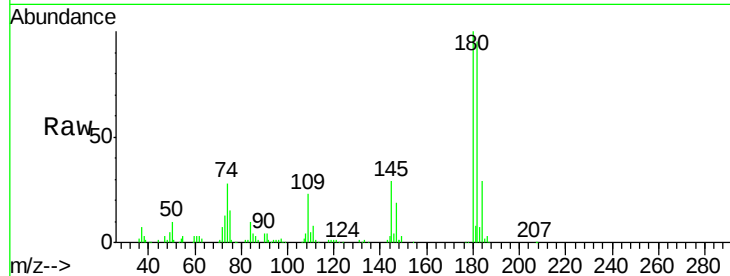




#93
 1,2,4-Trichlorobenzene
 Concen: 21.270 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

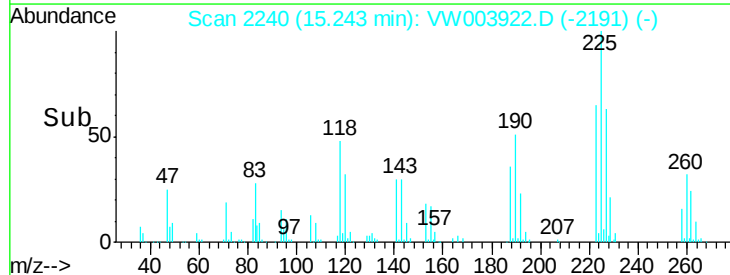
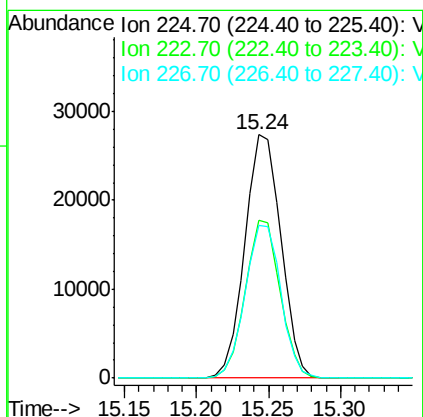
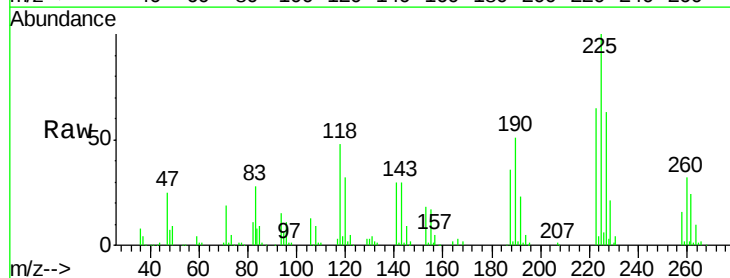
Instrument :
 MSVOA_W
 ClientSampleId :

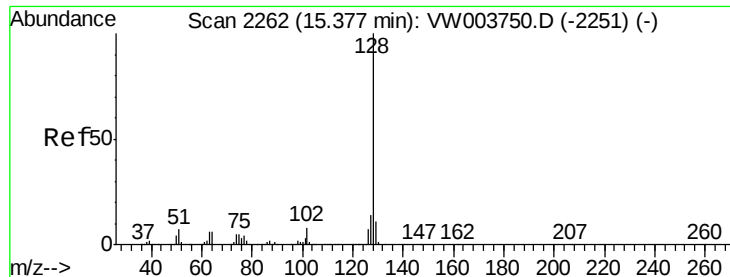
Tot Ion:180 Resp: 78574
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.4 142.2
 145 30.4 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 22.403 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003922.D
 Acq: 13 Jul 2018 18:28

Tgt Ion:225 Resp: 47339
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.6 97.7
 227 62.4 32.5 97.5





#95

Naphthalene

Concen: 19.749 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003922.D

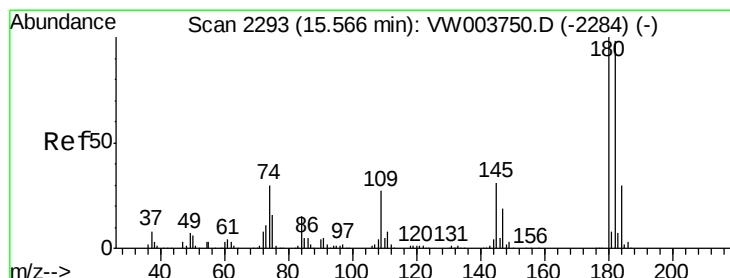
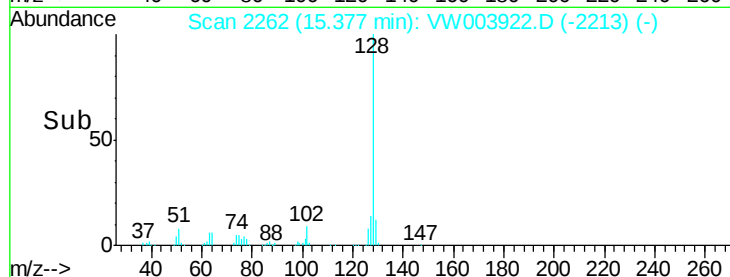
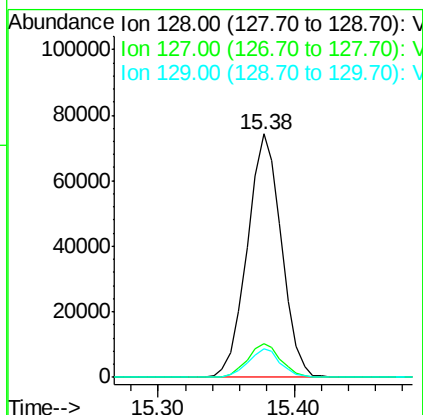
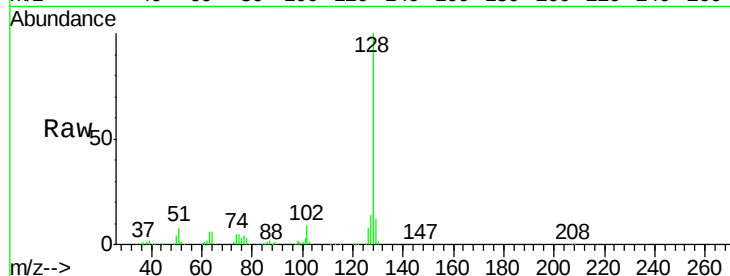
Acq: 13 Jul 2018 18:28

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:128	Resp:	130393
Ion	Ratio	Lower Upper
128	100	
127	13.6	10.8 16.2
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.764 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003922.D

Acq: 13 Jul 2018 18:28

Tgt Ion:180	Resp:	68682
Ion	Ratio	Lower Upper
180	100	
182	96.0	47.4 142.3
145	32.0	15.8 47.4

