

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003676.D
 Acq On : 29 Jun 2018 22:00
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 02:15:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	293759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	154195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113936	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.88	113	99228	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	10.33	98	389693	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.62	95	146968	57.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	29589	51.259	ug/l	95
3) Chloromethane	2.21	50	67064	45.982	ug/l	98
4) Vinyl Chloride	2.36	62	101962	47.956	ug/l	99
5) Bromomethane	2.78	94	68518	48.486	ug/l	99
6) Chloroethane	2.92	64	66104	44.666	ug/l	98
7) Trichlorofluoromethane	3.25	101	57666	45.273	ug/l	96
8) Diethyl Ether	3.67	74	51929	55.498	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92142	52.095	ug/l	99
10) Methyl Iodide	4.26	142	136306	50.957	ug/l	99
11) Tert butyl alcohol	5.23	59	34508	311.117	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	88617	51.270	ug/l	98
13) Acrolein	3.89	56	33738	212.750	ug/l	95
14) Allyl chloride	4.65	41	157394	52.570	ug/l	99
15) Acrylonitrile	5.37	53	121436	315.437	ug/l	100
16) Acetone	4.14	43	114966	265.051	ug/l	98
17) Carbon Disulfide	4.37	76	243419	47.636	ug/l	99
18) Methyl Acetate	4.67	43	68399	66.472	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	190537	58.856	ug/l	96
20) Methylene Chloride	4.91	84	110435	60.723	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	100502	53.427	ug/l	100
22) Diisopropyl ether	6.31	45	356822	59.217	ug/l	97
23) Vinyl Acetate	6.26	43	1036016	298.360	ug/l	100
24) 1,1-Dichloroethane	6.21	63	203095	56.775	ug/l	98
25) 2-Butanone	7.18	43	167615	310.767	ug/l	98
26) 2,2-Dichloropropane	7.17	77	116926	48.977	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	115276	55.784	ug/l	99
28) Bromochloromethane	7.51	49	94701	63.619	ug/l	97
29) Tetrahydrofuran	7.54	42	104711	317.655	ug/l	99
30) Chloroform	7.68	83	208896	57.321	ug/l	99
31) Cyclohexane	7.95	56	164757	49.300	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	162543	54.034	ug/l	99
36) 1,1-Dichloropropene	8.08	75	157249	55.429	ug/l	99
37) Ethyl Acetate	7.26	43	74062	63.016	ug/l	99
38) Carbon Tetrachloride	8.07	117	151581	54.471	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	175806	53.558	ug/l	96
40) Benzene	8.32	78	448685	57.378	ug/l	100
41) Methacrylonitrile	7.49	41	48947	67.868	ug/l	96
42) 1,2-Dichloroethane	8.40	62	146236	59.688	ug/l	99
43) Isopropyl Acetate	8.43	43	146094	62.603	ug/l	99
44) Trichloroethene	9.09	130	113757	54.900	ug/l	99
45) 1,2-Dichloropropane	9.37	63	119069	59.802	ug/l	100
46) Dibromomethane	9.46	93	62191	61.009	ug/l	97
47) Bromodichloromethane	9.65	83	156093	59.738	ug/l	98
48) Methyl methacrylate	9.44	41	71298	65.011	ug/l	97
49) 1,4-Dioxane	9.48	88	19114	1241.863	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	396268	333.242	ug/l	100
52) Toluene	10.39	92	289209	57.674	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	157347	58.951	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	178472	58.748	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	86993	60.561	ug/l	98
56) Ethyl methacrylate	10.65	69	111318	63.818	ug/l	96
57) 1,3-Dichloropropane	10.93	76	153605	62.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	249053	318.507	ug/l	98
59) 2-Hexanone	10.98	43	277202	333.692	ug/l	100
60) Dibromochloromethane	11.13	129	104554	61.206	ug/l	99
61) 1,2-Dibromoethane	11.24	107	82045	60.383	ug/l	99
64) Tetrachloroethene	10.87	164	99743	53.136	ug/l	99
65) Chlorobenzene	11.66	112	321545	55.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	115547	56.261	ug/l	99
67) Ethyl Benzene	11.74	91	574273	55.434	ug/l	100
68) m/p-Xylenes	11.85	106	437817	111.176	ug/l	100
69) o-Xylene	12.17	106	207939	56.974	ug/l	100
70) Styrene	12.19	104	354952	58.429	ug/l	99
71) Bromoform	12.35	173	63282	59.453	ug/l	100
73) Isopropylbenzene	12.47	105	575442	53.655	ug/l	100
74) N-amyl acetate	12.28	43	145459	59.587	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	107925	59.482	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	144307	109.474	ug/l #	100
77) Bromobenzene	12.76	156	135663	54.315	ug/l	96
78) n-propylbenzene	12.81	91	711779	54.200	ug/l	100
79) 2-Chlorotoluene	12.90	91	403573	54.380	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	491583	54.607	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32532	56.788	ug/l	96
82) 4-Chlorotoluene	12.99	91	424119	53.871	ug/l	99
83) tert-Butylbenzene	13.21	119	414317	54.005	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	511700	55.258	ug/l	100
85) sec-Butylbenzene	13.39	105	613130	53.767	ug/l	100
86) p-Isopropyltoluene	13.51	119	541627	53.851	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	277361	54.055	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	272990	53.517	ug/l	99
89) n-Butylbenzene	13.83	91	532182	54.283	ug/l	99
90) Hexachloroethane	14.10	117	99233	54.540	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	249706	55.557	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18634	61.027	ug/l	98

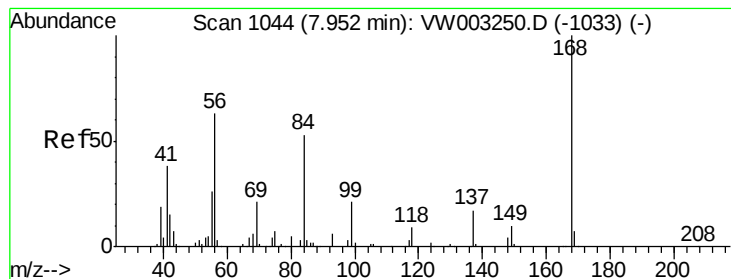
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	172126	54.552	ug/l	99
94) Hexachlorobutadiene	15.25	225	98564	51.931	ug/l	99
95) Naphthalene	15.38	128	316294	59.095	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	154390	55.589	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: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

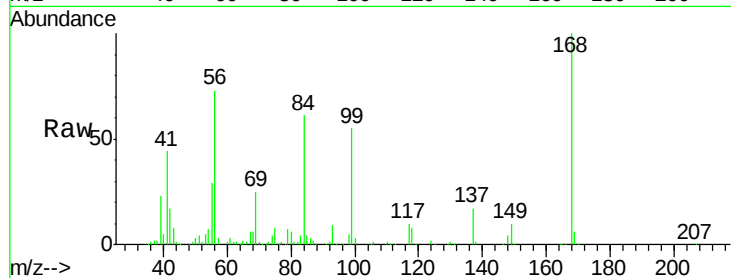
ClientSampleId :

Tot Ion:168 Resp: 190937

Ion Ratio Lower Upper

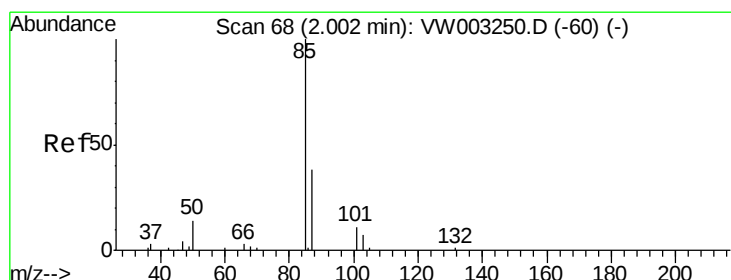
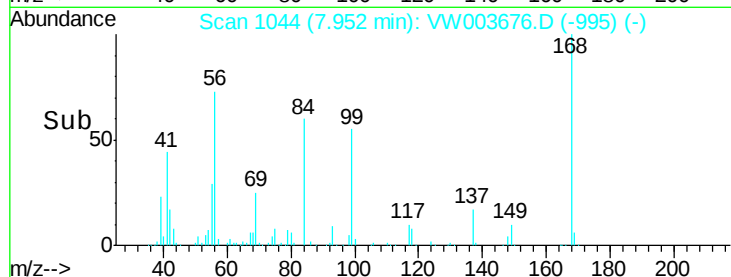
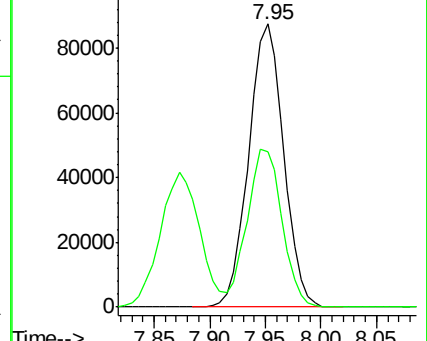
168 100

99 54.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.259 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003676.D

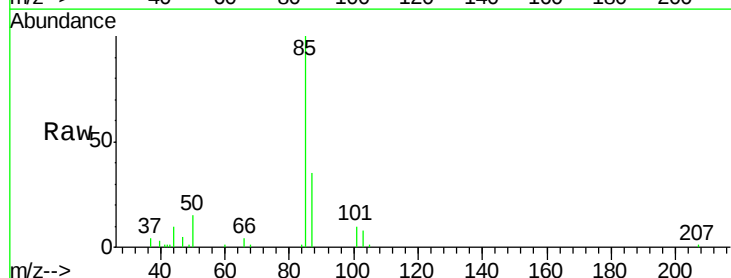
Acq: 29 Jun 2018 22:00

Tgt Ion: 85 Resp: 29589

Ion Ratio Lower Upper

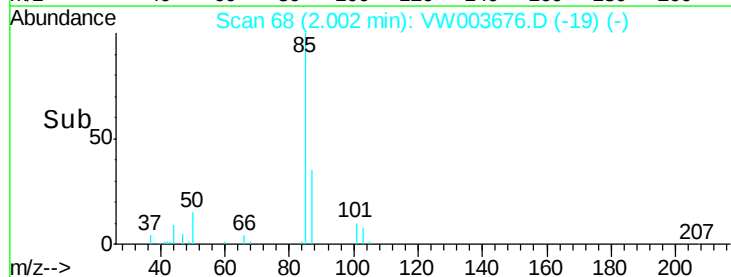
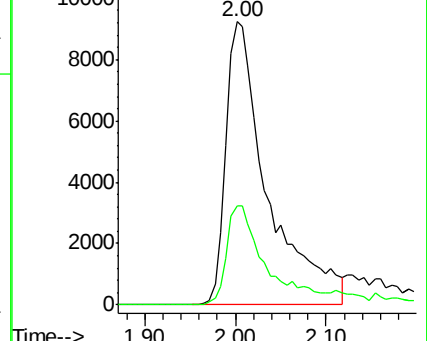
85 100

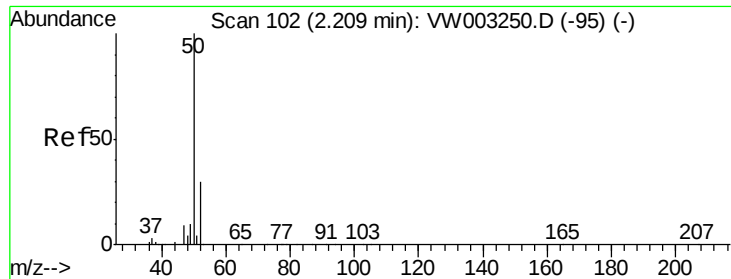
87 34.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.982 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

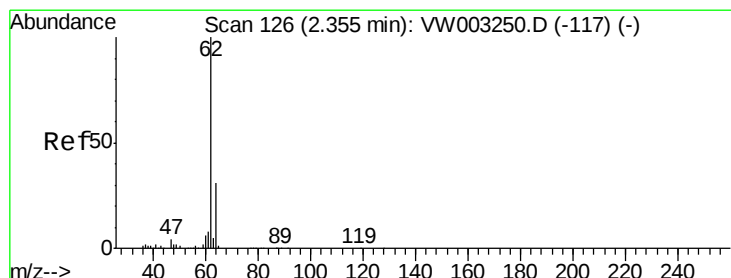
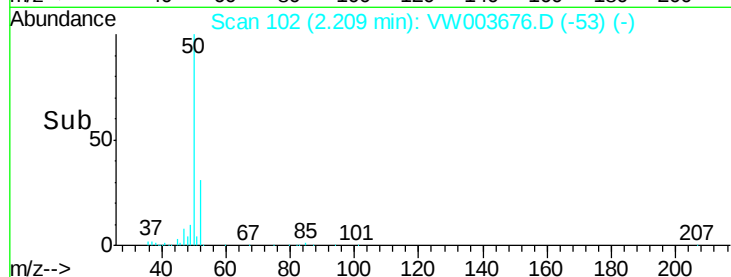
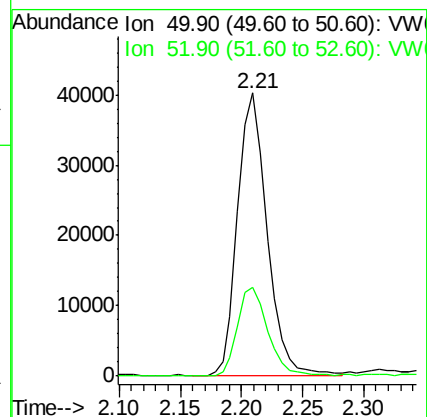
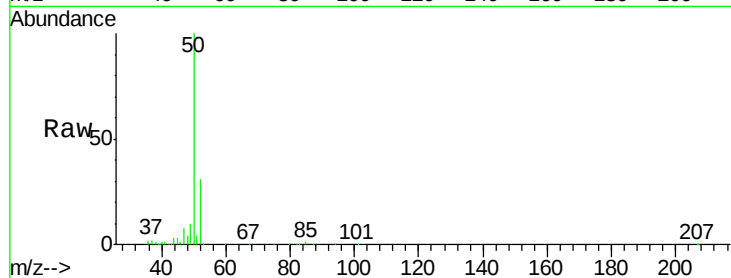
ClientSampled :

Tot Ion: 50 Resp: 67064

Ion Ratio Lower Upper

50 100

52 31.4 24.2 36.2



#4

Vinyl Chloride

Concen: 47.956 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003676.D

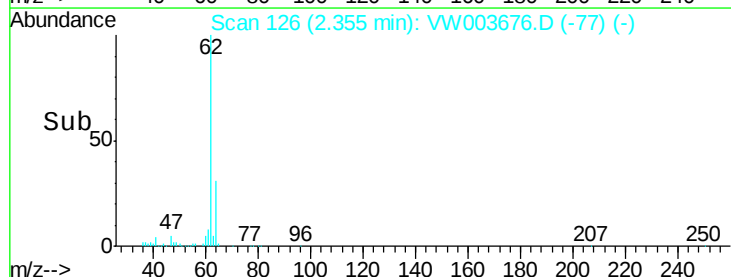
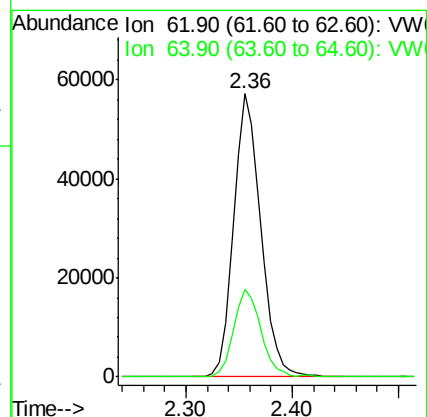
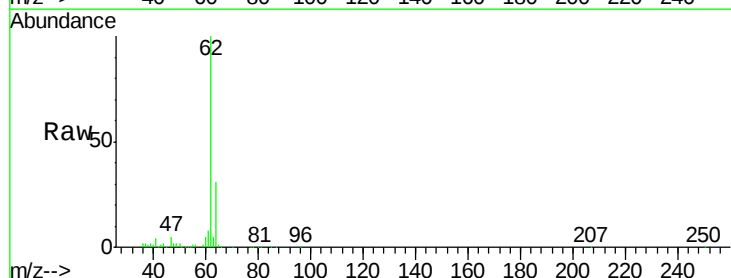
Acq: 29 Jun 2018 22:00

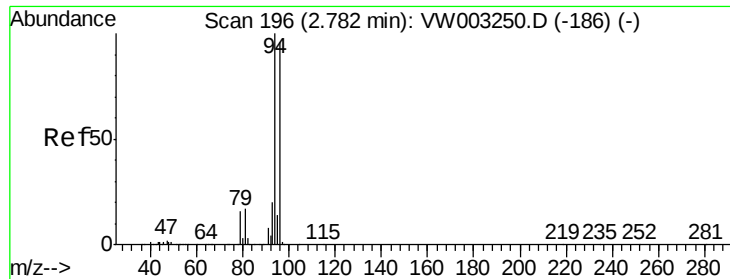
Tgt Ion: 62 Resp: 101962

Ion Ratio Lower Upper

62 100

64 30.7 24.9 37.3





#5

Bromomethane

Concen: 48.486 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

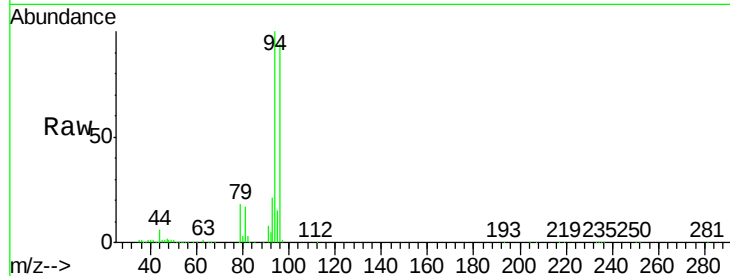
ClientSampleId :

Tot Ion: 94 Resp: 68518

Ion Ratio Lower Upper

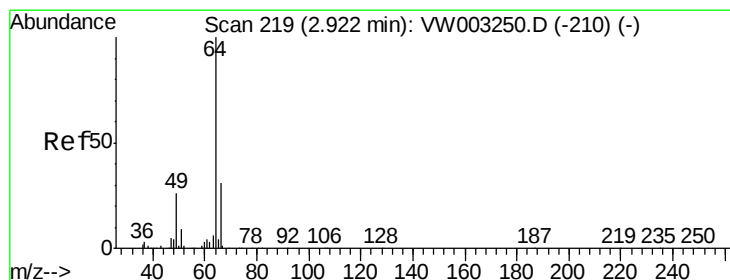
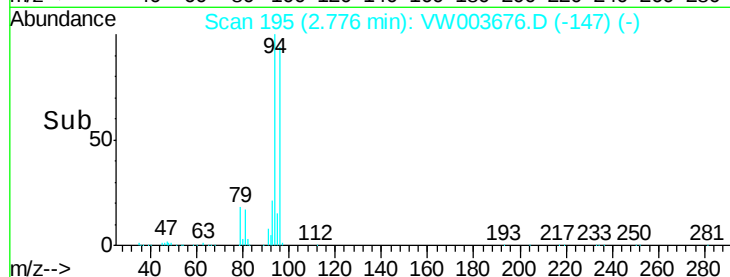
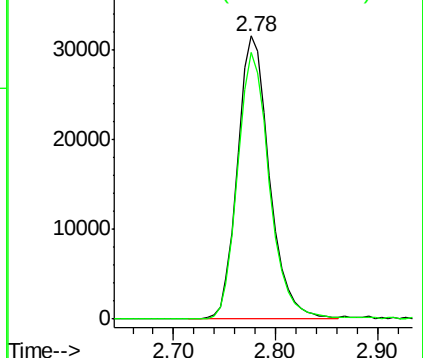
94 100

96 94.2 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 44.666 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003676.D

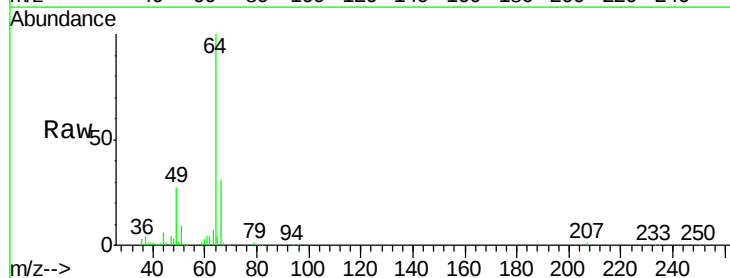
Acq: 29 Jun 2018 22:00

Tgt Ion: 64 Resp: 66104

Ion Ratio Lower Upper

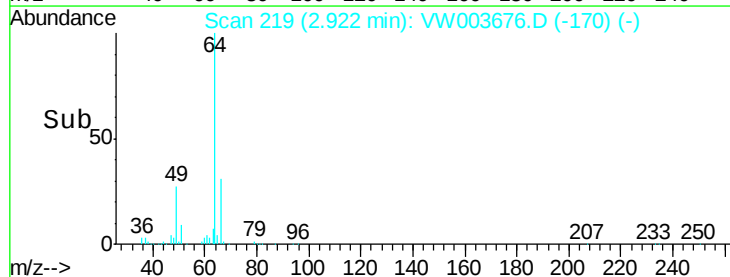
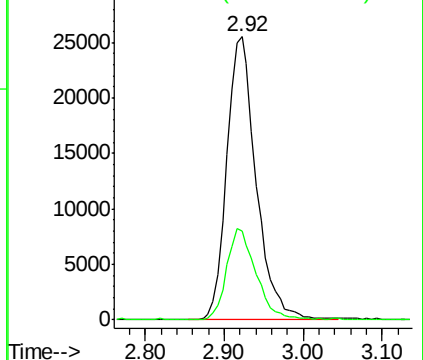
64 100

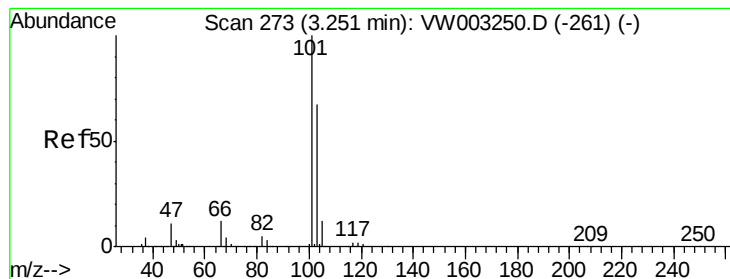
66 31.4 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



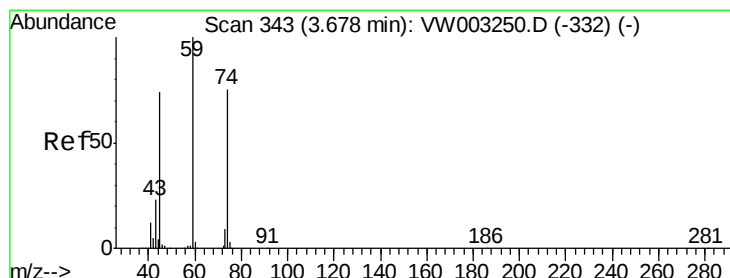
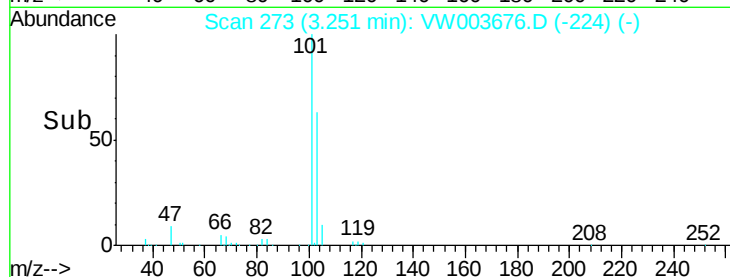
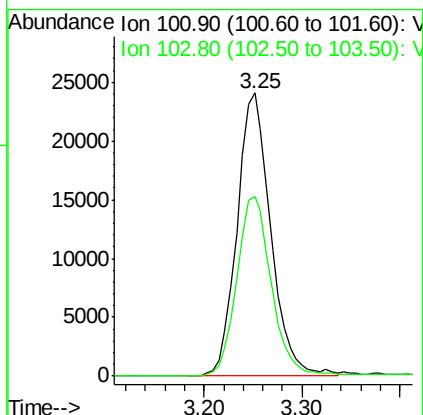
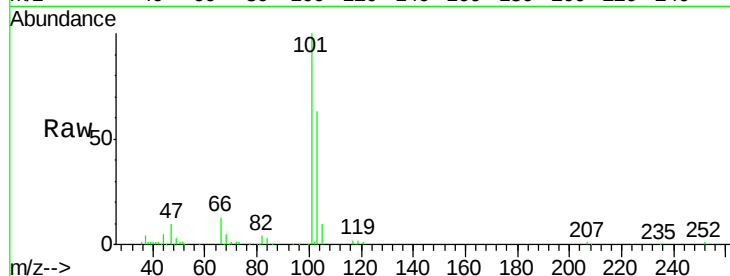


#7

Trichlorofluoromethane
Concen: 45.273 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :

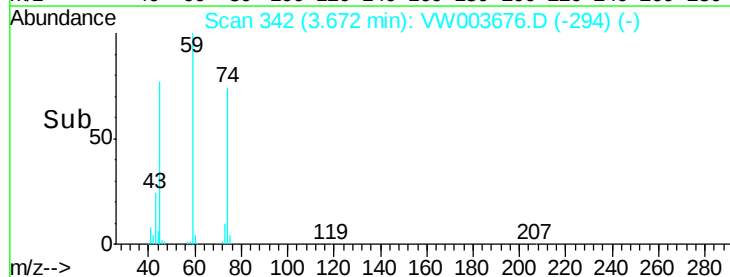
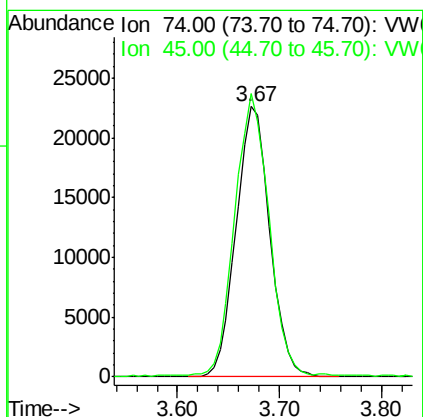
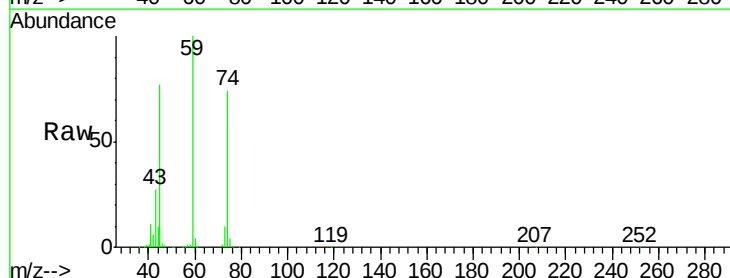
Tot Ion:101 Resp: 57666
Ion Ratio Lower Upper
101 100
103 63.4 53.4 80.0

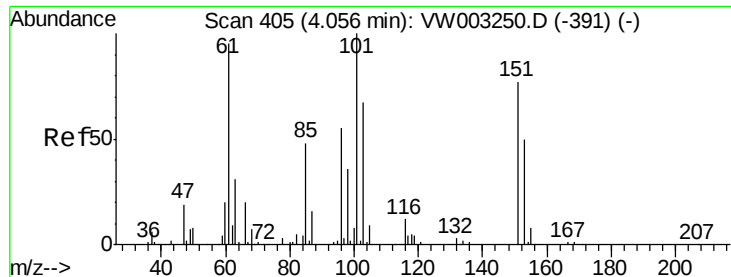


#8

Diethyl Ether
Concen: 55.498 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 74 Resp: 51929
Ion Ratio Lower Upper
74 100
45 108.4 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.095 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampled :

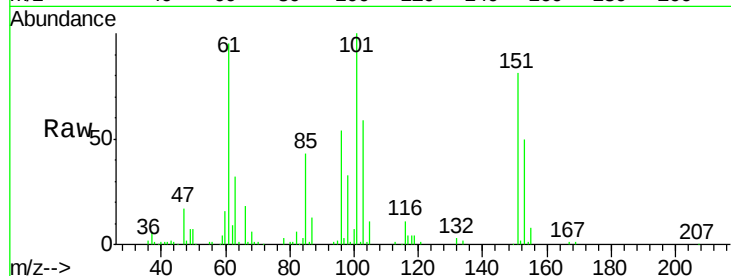
Tot Ion:101 Resp: 92142

Ion Ratio Lower Upper

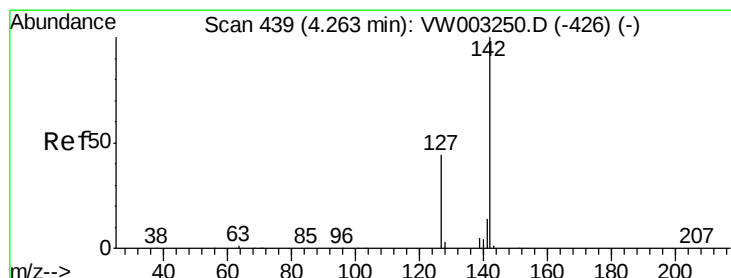
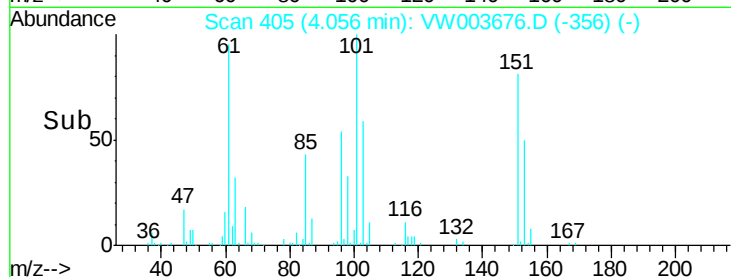
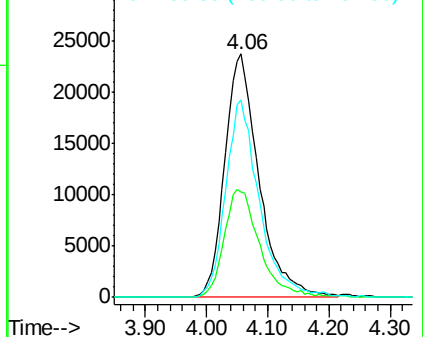
101 100

85 45.6 37.0 55.6

151 79.5 63.3 94.9



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



#10

Methyl Iodide

Concen: 50.957 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

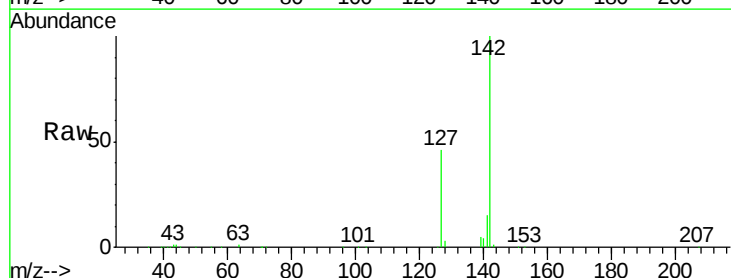
Tgt Ion:142 Resp: 136306

Ion Ratio Lower Upper

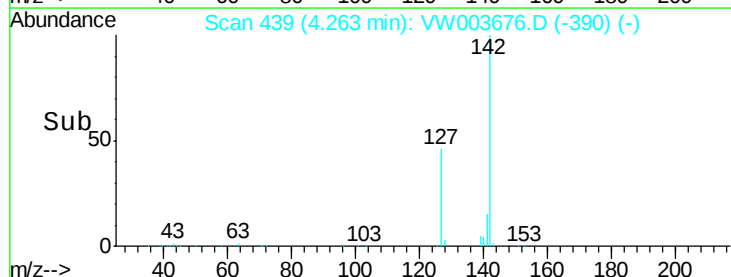
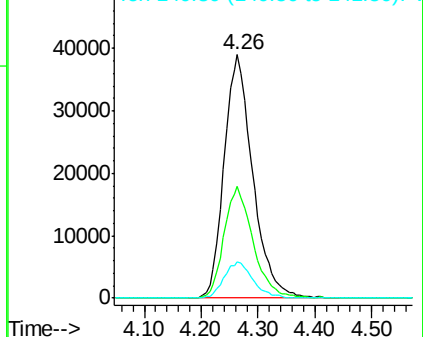
142 100

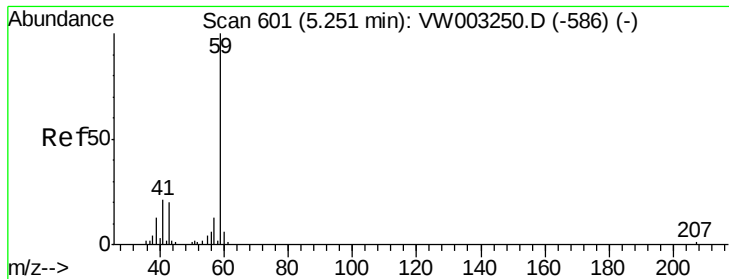
127 46.3 36.5 54.7

141 15.1 12.1 18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



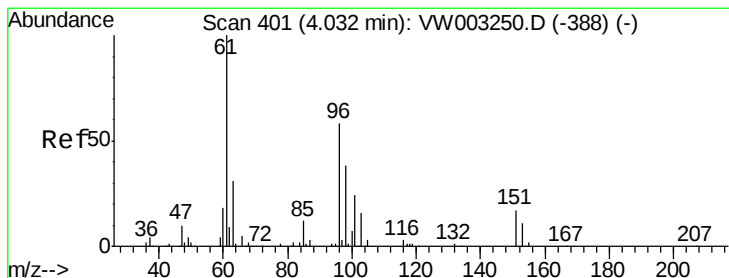
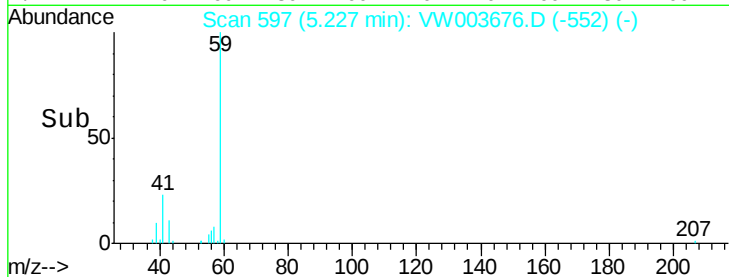
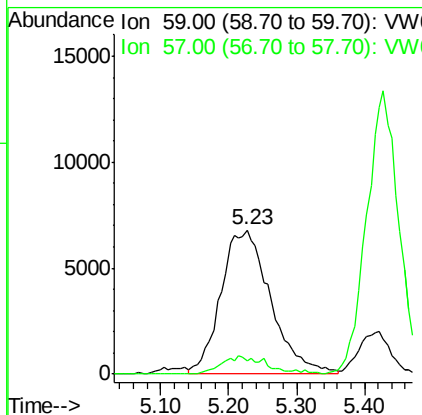
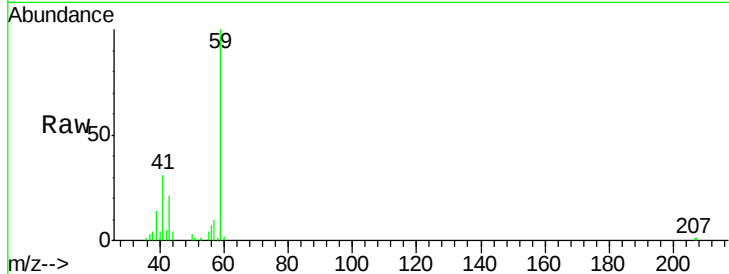


#11

Tert butyl alcohol
Concen: 311.117 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampled :

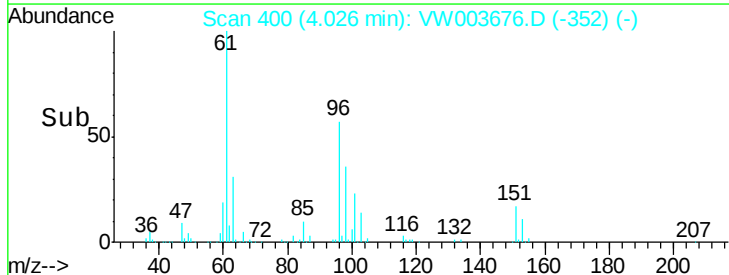
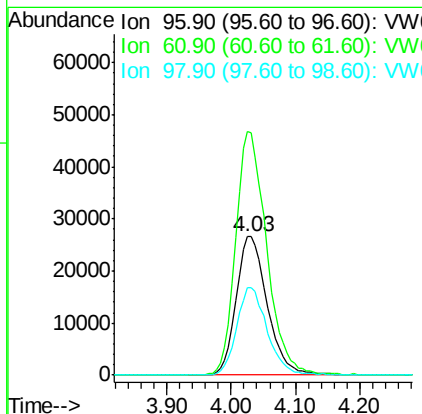
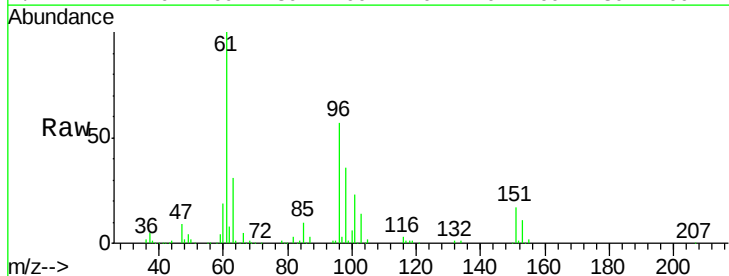
Tot Ion: 59 Resp: 34508
Ion Ratio Lower Upper
59 100
57 10.6 4.2 6.2#

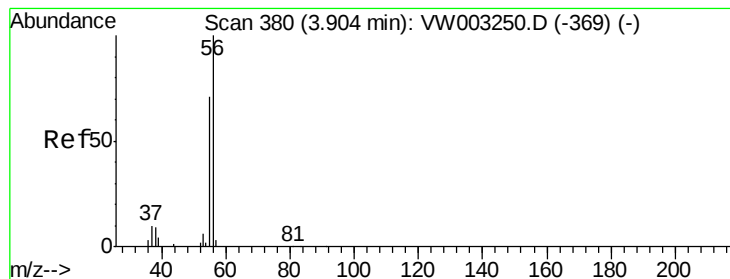


#12

1,1-Dichloroethene
Concen: 51.270 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 96 Resp: 88617
Ion Ratio Lower Upper
96 100
61 176.0 139.0 208.4
98 63.4 53.3 79.9





#13

Acrolein

Concen: 212.750 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

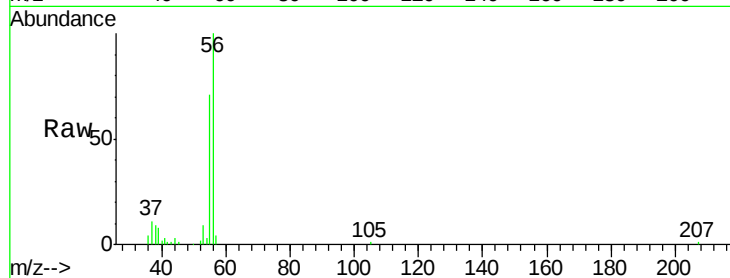
ClientSampled :

Tot Ion: 56 Resp: 33738

Ion Ratio Lower Upper

56 100

55 73.0 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

15000

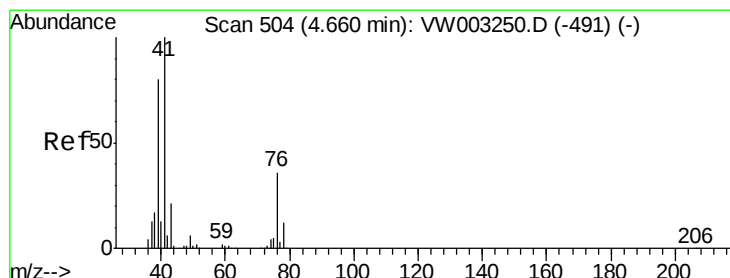
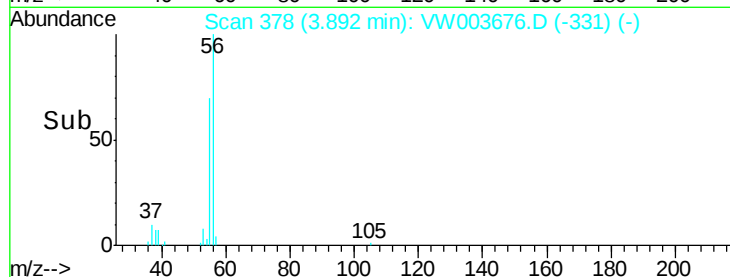
10000

5000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 52.570 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

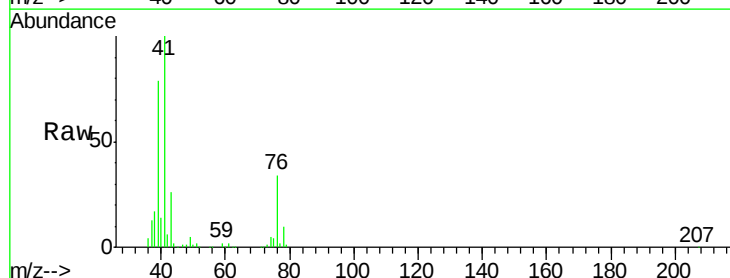
Tgt Ion: 41 Resp: 157394

Ion Ratio Lower Upper

41 100

39 78.1 63.2 94.8

76 34.4 28.0 42.0



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.65

60000

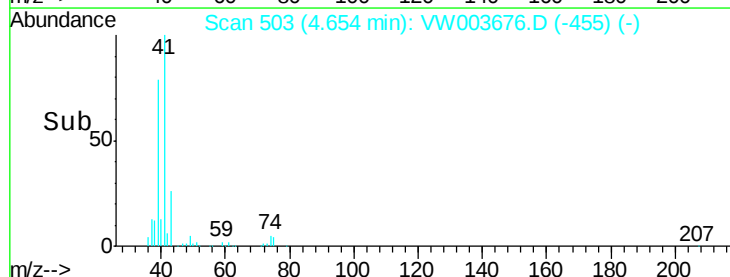
40000

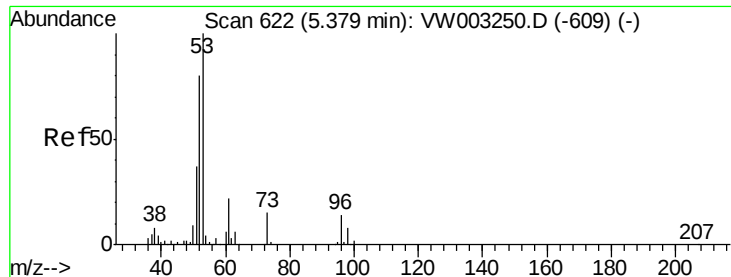
20000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 315.437 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

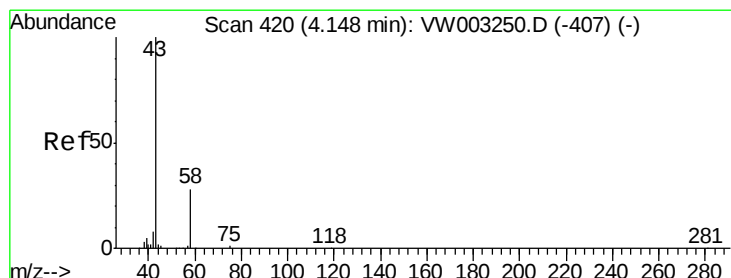
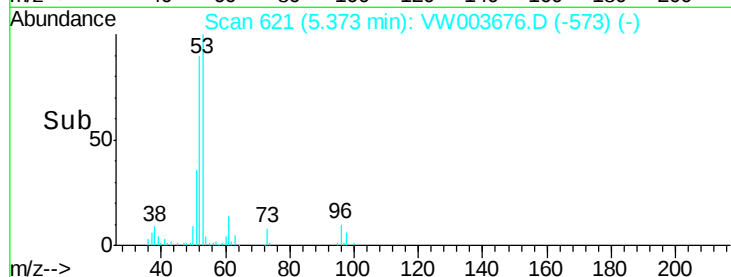
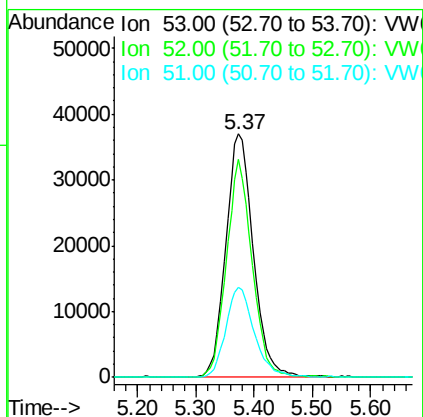
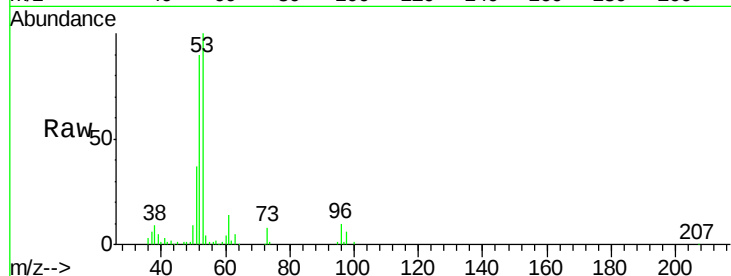
Tot Ion: 53 Resp: 121436

Ion Ratio Lower Upper

53 100

52 83.1 66.6 100.0

51 38.4 30.6 46.0



#16

Acetone

Concen: 265.051 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003676.D

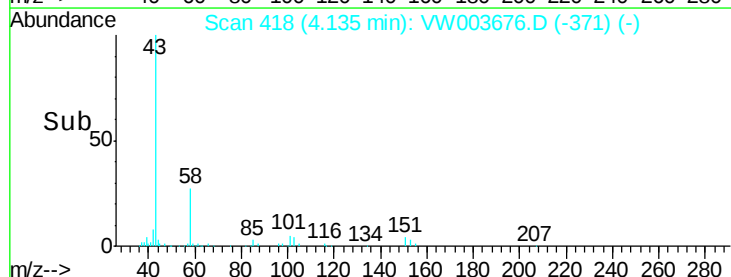
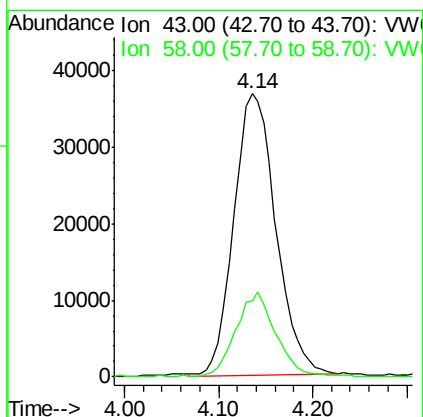
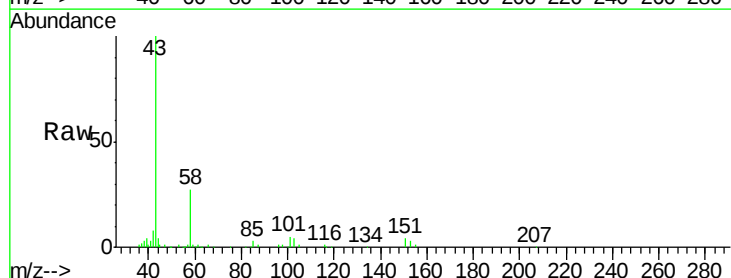
Acq: 29 Jun 2018 22:00

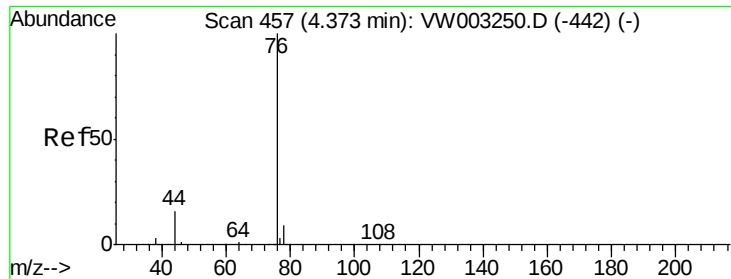
Tgt Ion: 43 Resp: 114966

Ion Ratio Lower Upper

43 100

58 27.0 22.6 34.0





#17

Carbon Disulfide

Concen: 47.636 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

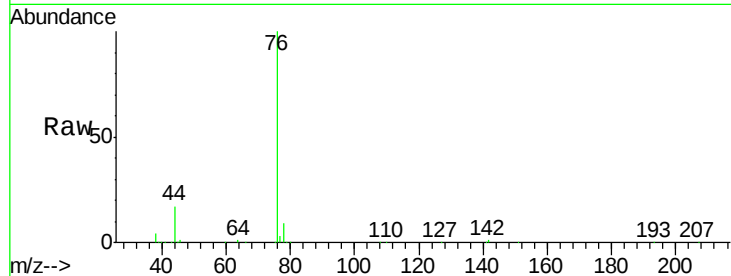
ClientSampleId :

Tot Ion: 76 Resp: 243419

Ion Ratio Lower Upper

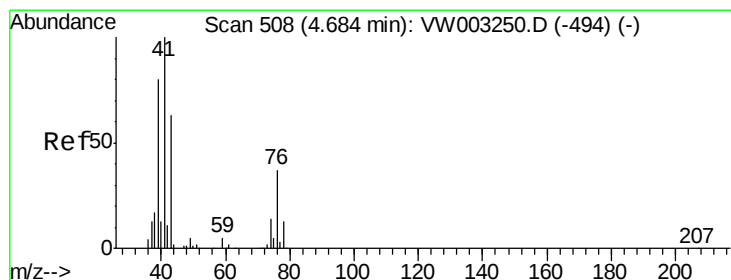
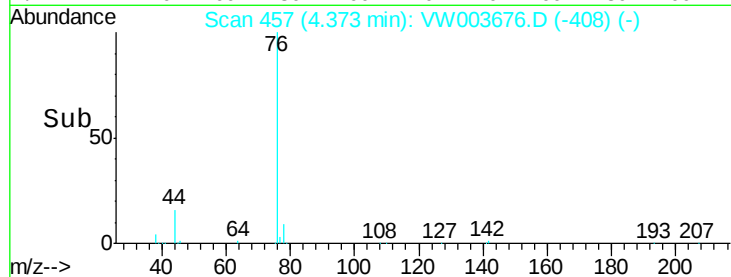
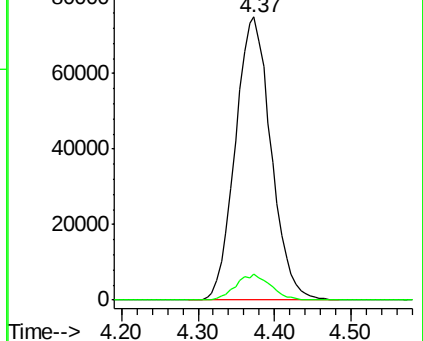
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 66.472 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003676.D

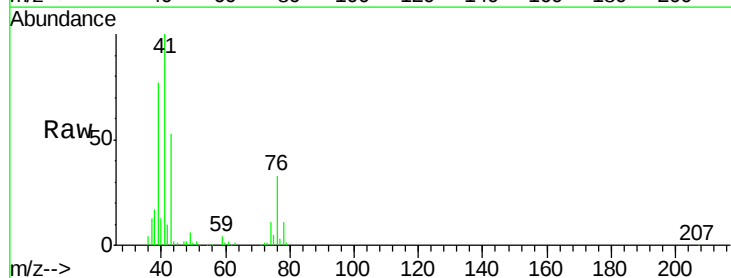
Acq: 29 Jun 2018 22:00

Tgt Ion: 43 Resp: 68399

Ion Ratio Lower Upper

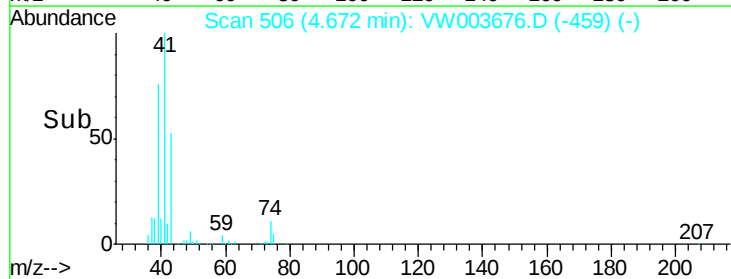
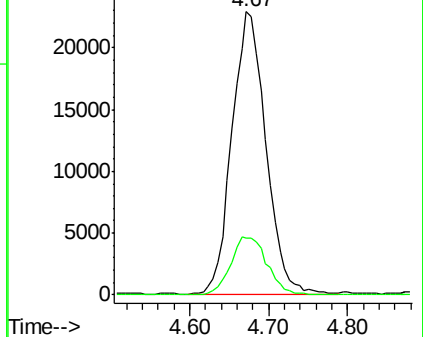
43 100

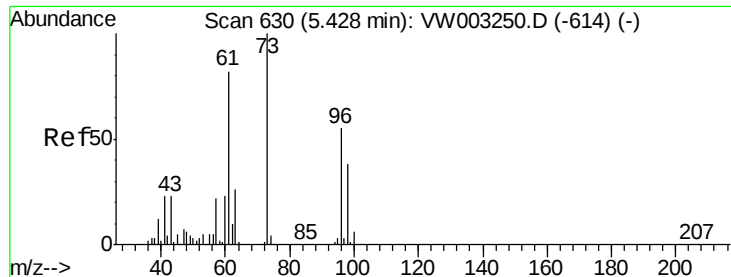
74 21.9 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

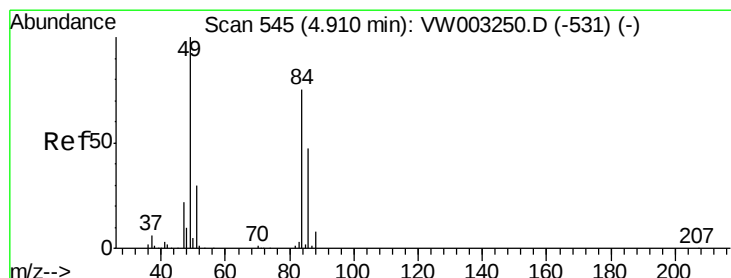
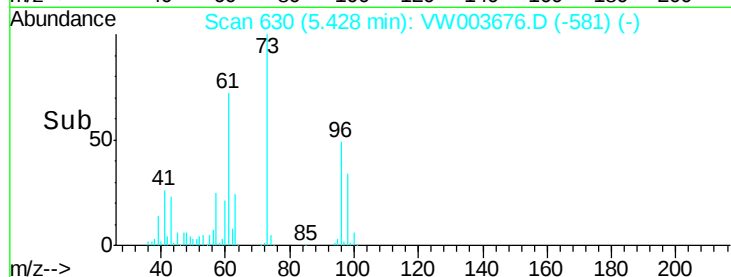
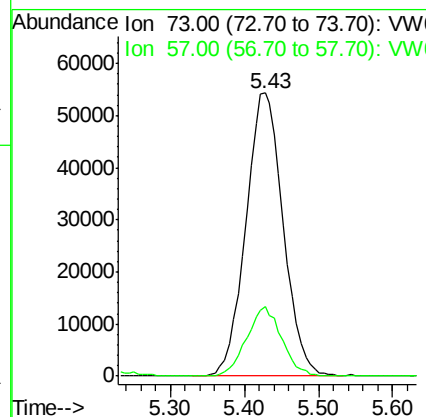
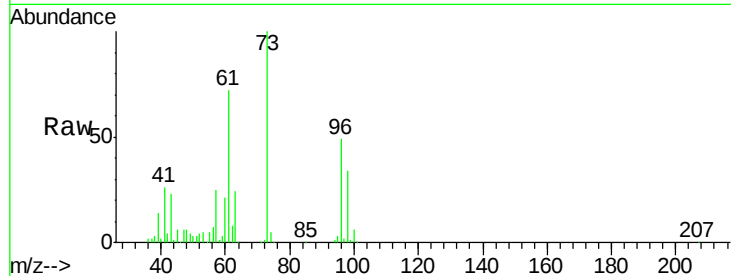




#19
Methyl tert-butyl Ether
Concen: 58.856 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

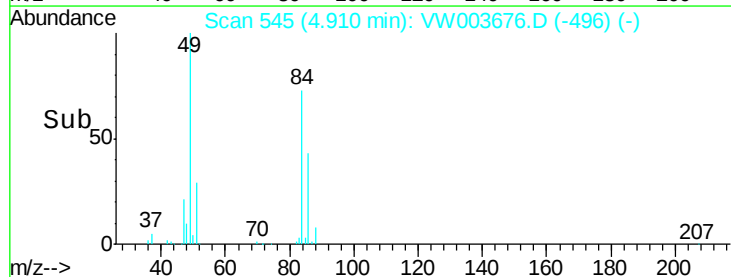
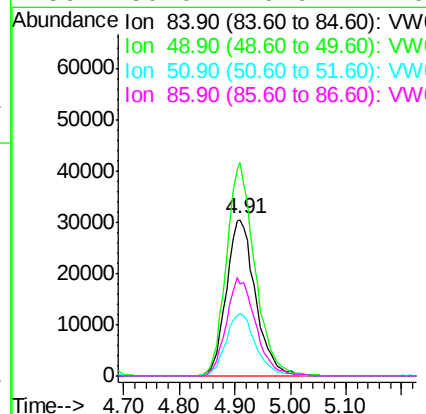
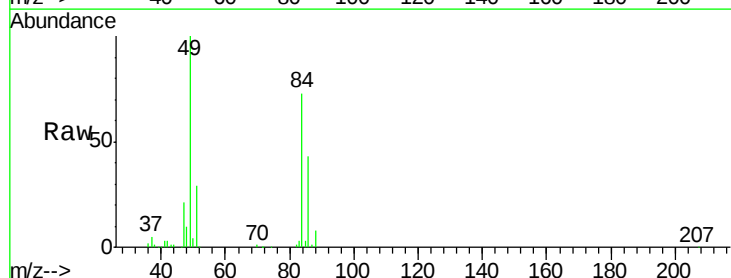
Instrument :
MSVOA_W
ClientSampleId :

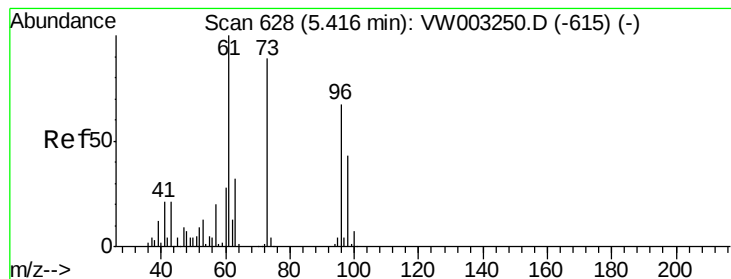
Tot Ion: 73 Resp: 190537
Ion Ratio Lower Upper
73 100
57 24.5 18.0 27.0



#20
Methylene Chloride
Concen: 60.723 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 84 Resp: 110435
Ion Ratio Lower Upper
84 100
49 136.6 106.3 159.5
51 39.8 32.0 48.0
86 59.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.427 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampled :

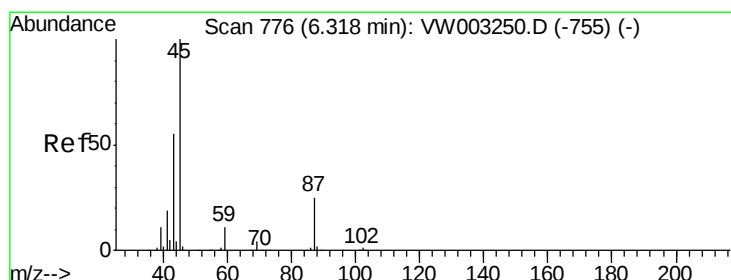
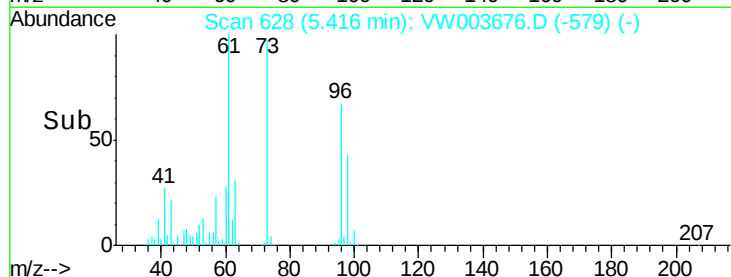
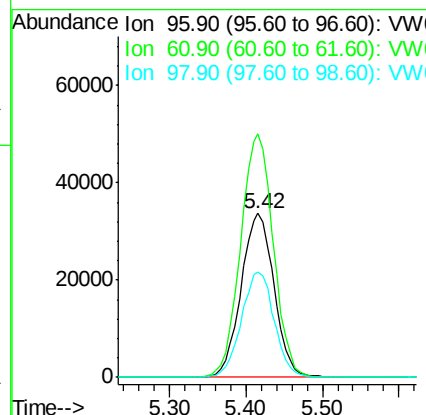
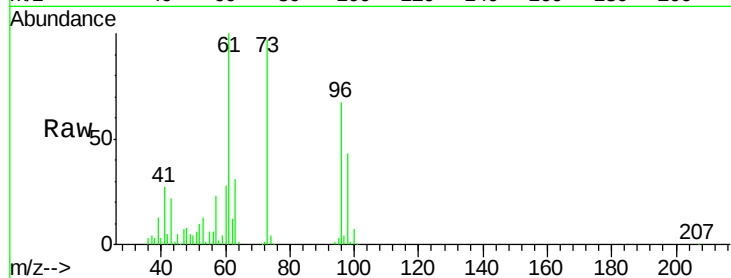
Tot Ion: 96 Resp: 100502

Ion Ratio Lower Upper

96 100

61 148.7 118.7 178.1

98 64.5 51.0 76.6



#22

Diisopropyl ether

Concen: 59.217 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tgt Ion: 45 Resp: 356822

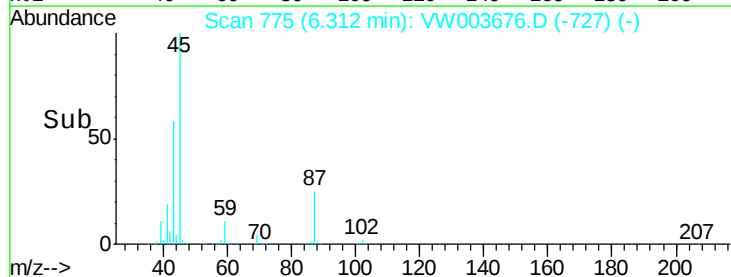
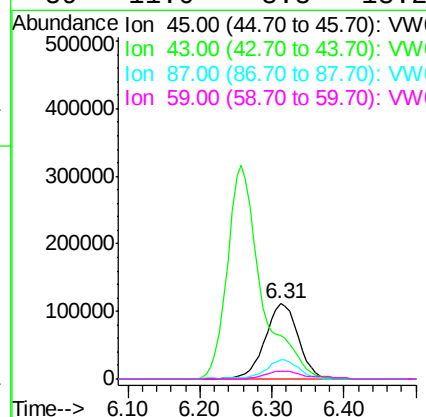
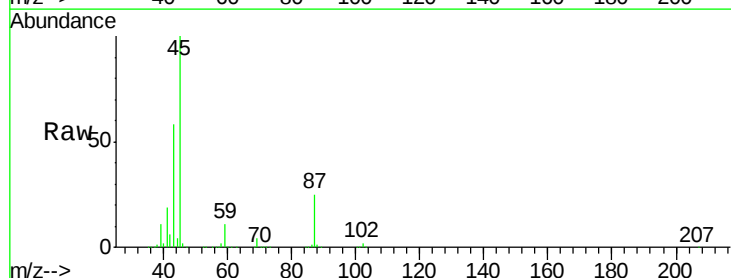
Ion Ratio Lower Upper

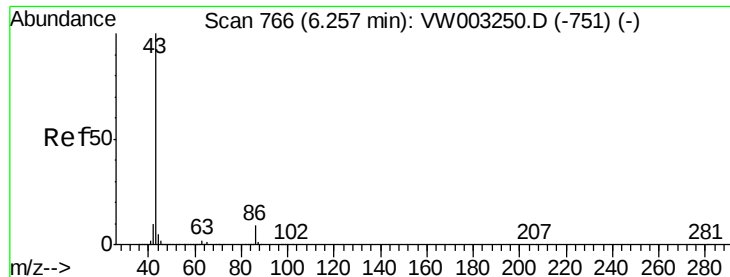
45 100

43 57.9 44.0 66.0

87 25.0 20.6 31.0

59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 298.360 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

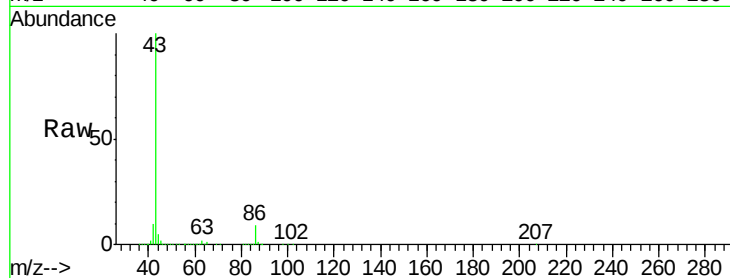
ClientSampled :

Tot Ion: 43 Resp: 1036016

Ion Ratio Lower Upper

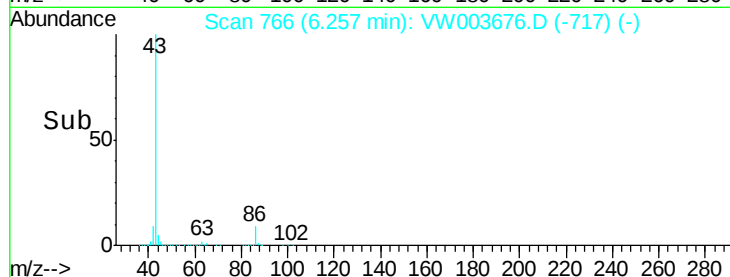
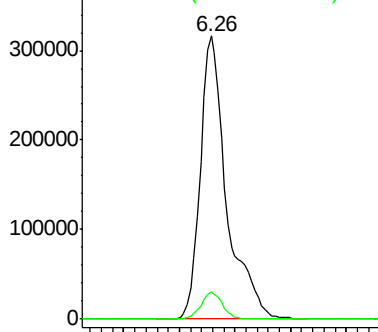
43 100

86 9.5 7.5 11.3

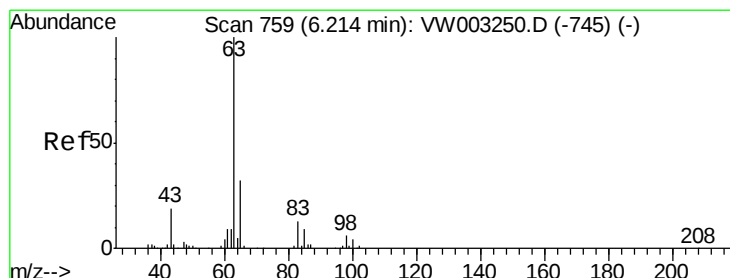


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 56.775 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

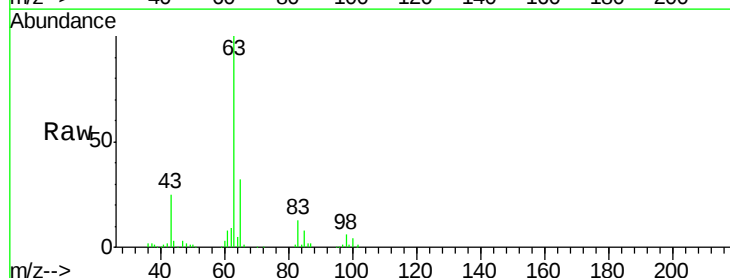
Tgt Ion: 63 Resp: 203095

Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.3

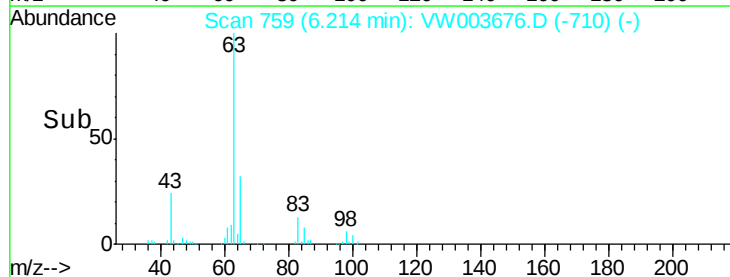
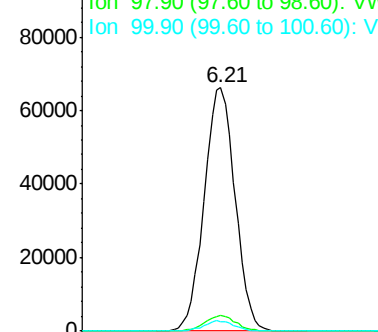
100 3.8 2.1 6.5



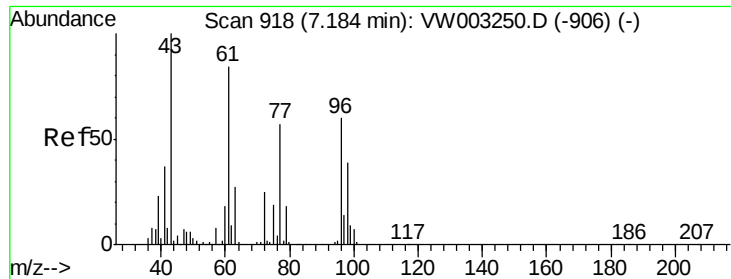
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->



#25

2-Butanone

Concen: 310.767 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

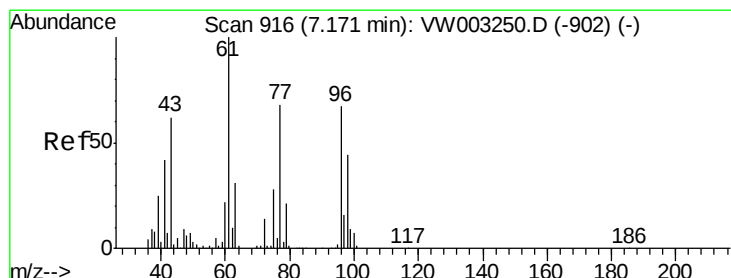
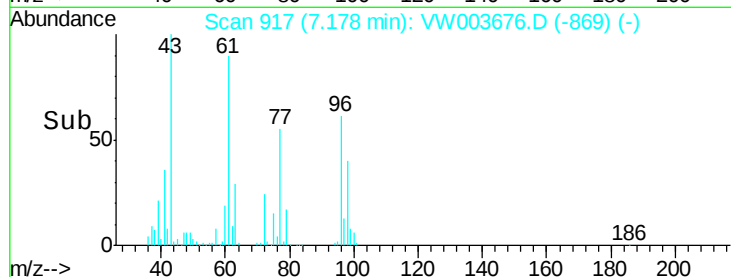
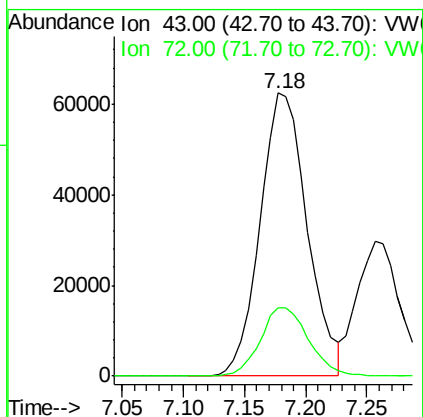
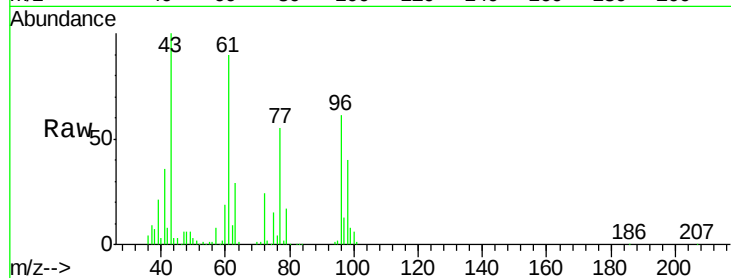
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 167615

Ion Ratio Lower Upper

43 100

72 24.2 20.3 30.5



#26

2,2-Dichloropropane

Concen: 48.977 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003676.D

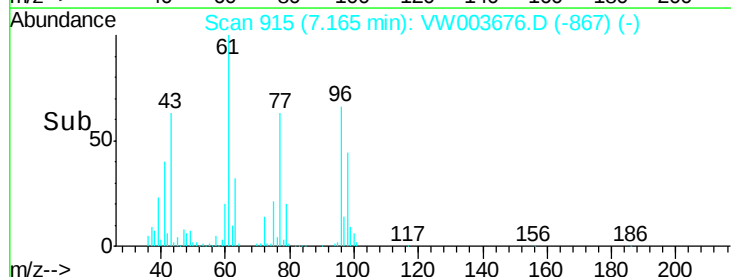
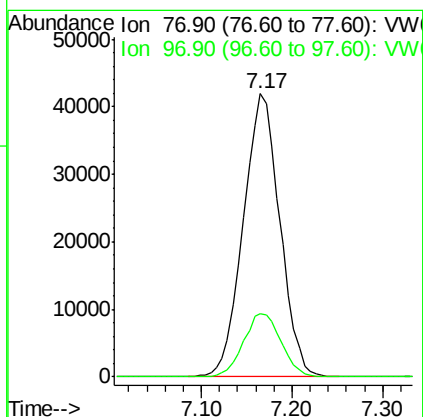
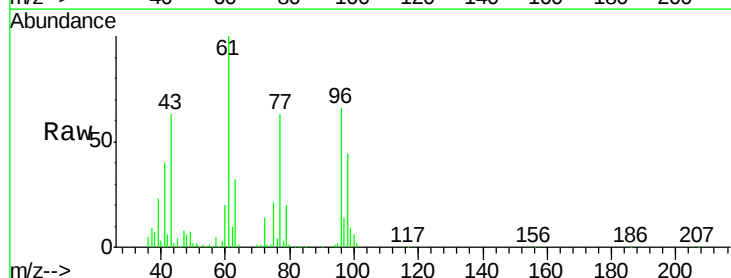
Acq: 29 Jun 2018 22:00

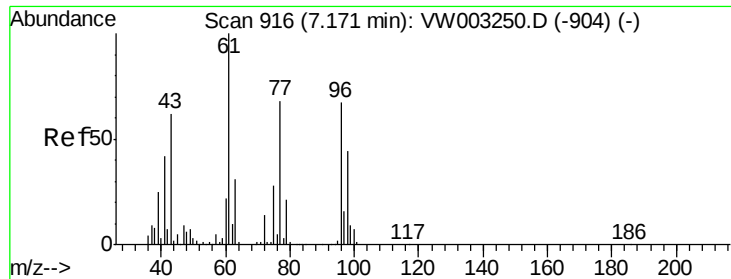
Tgt Ion: 77 Resp: 116926

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.9



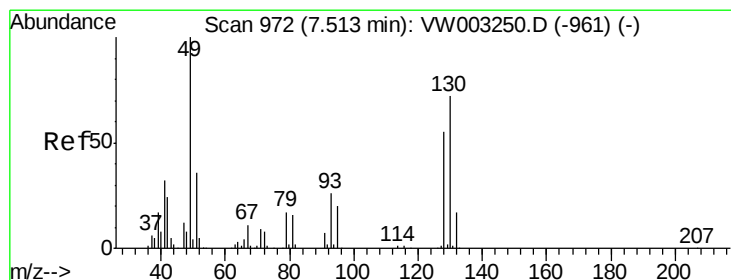
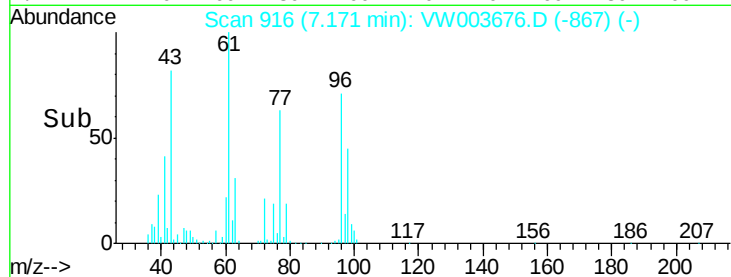
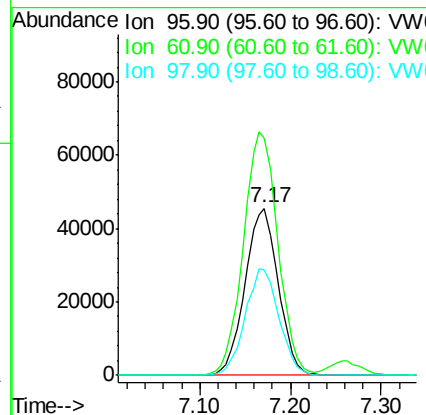
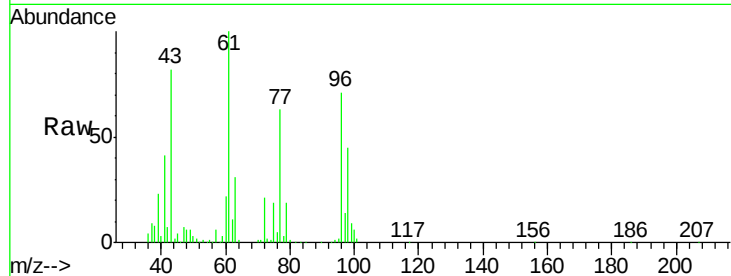


#27

cis-1,2-Dichloroethene
 Concen: 55.784 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :

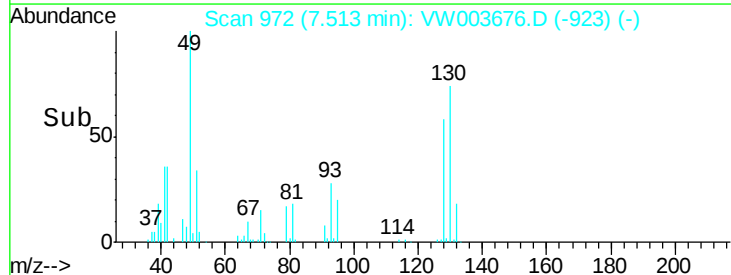
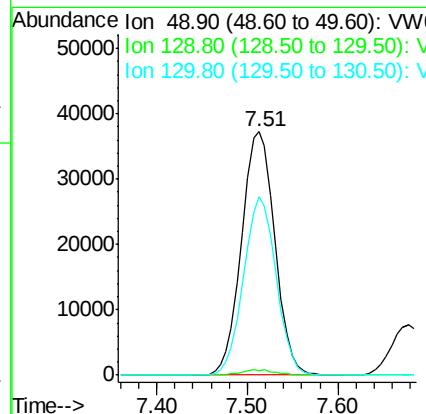
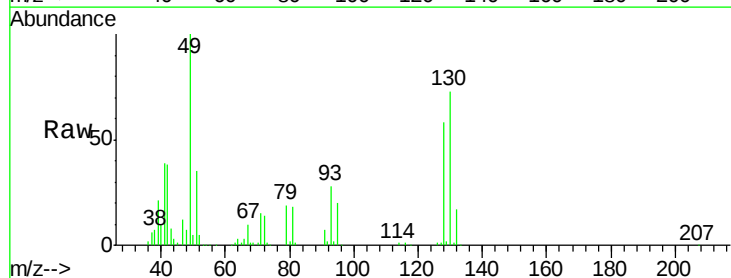
Tot Ion	96	Resp	115276
Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	298.8
98	64.9	0.0	130.4

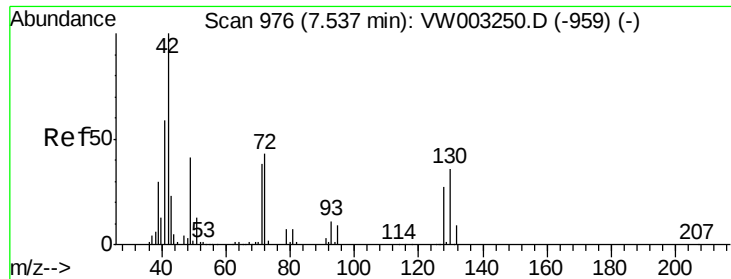


#28

Bromochloromethane
 Concen: 63.619 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	49	Resp	94701
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	71.8	59.4	89.2

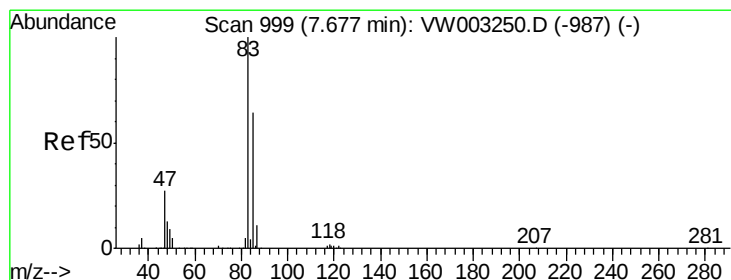
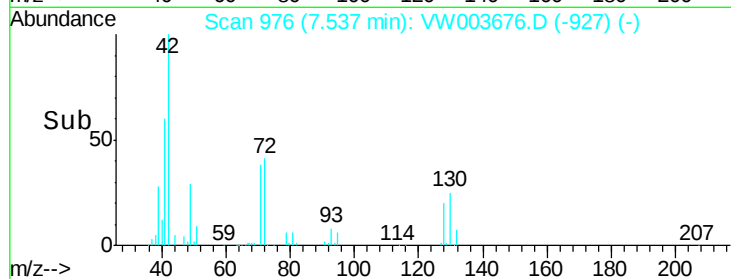
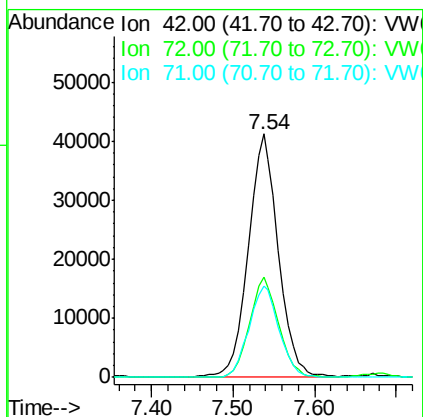
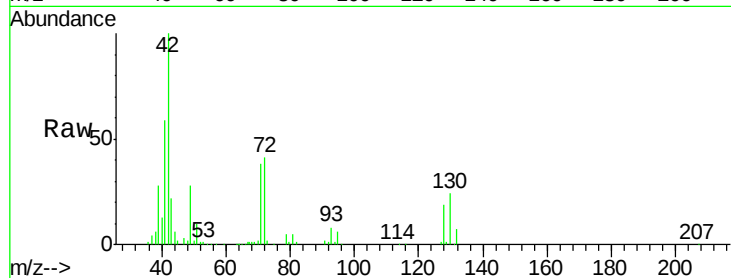




#29
Tetrahydrofuran
Concen: 317.655 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

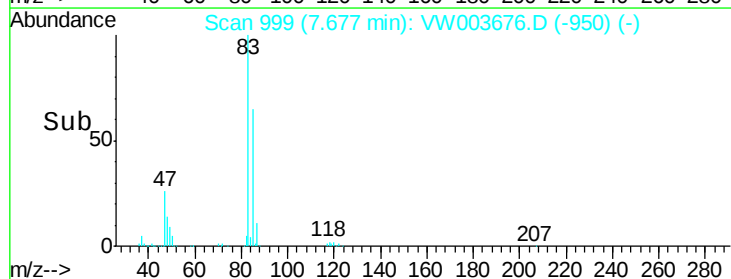
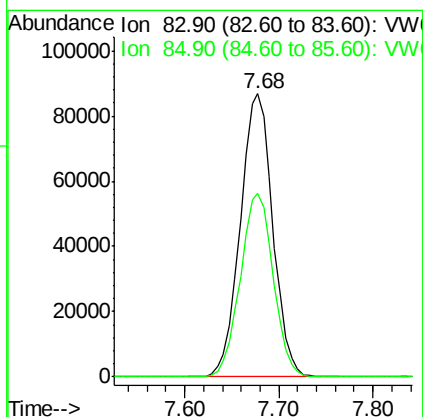
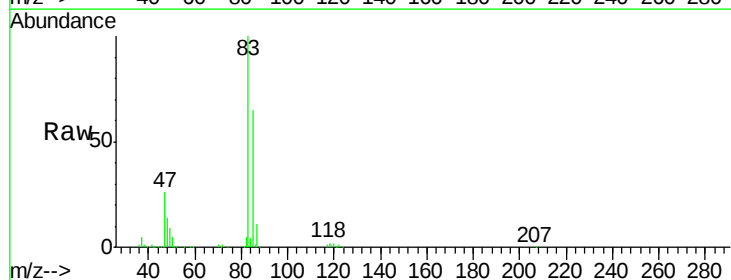
Instrument :
MSVOA_W
ClientSampled :

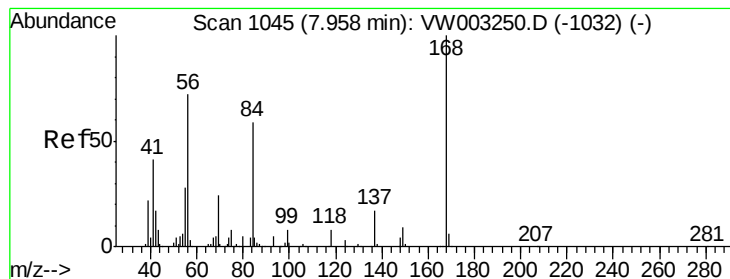
Tot Ion: 42 Resp: 104711
Ion Ratio Lower Upper
42 100
72 40.2 32.4 48.6
71 38.1 31.2 46.8



#30
Chloroform
Concen: 57.321 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 83 Resp: 208896
Ion Ratio Lower Upper
83 100
85 64.7 51.3 76.9





#31

Cyclohexane

Concen: 49.300 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampled :

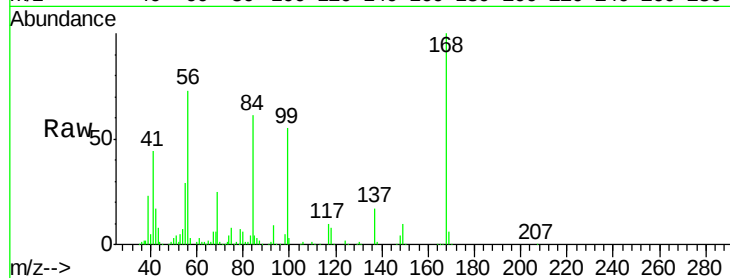
Tot Ion: 56 Resp: 164757

Ion Ratio Lower Upper

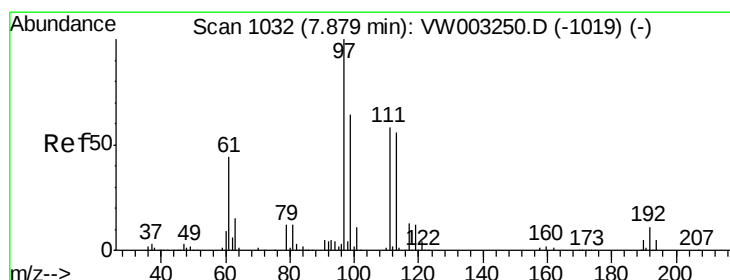
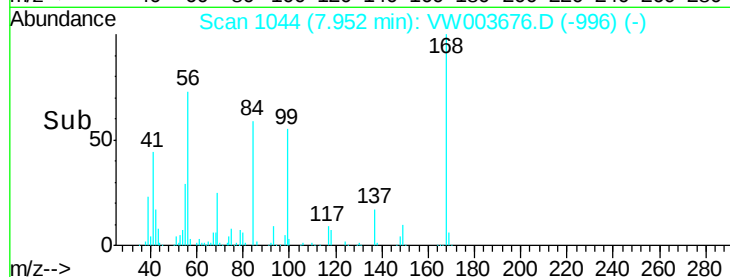
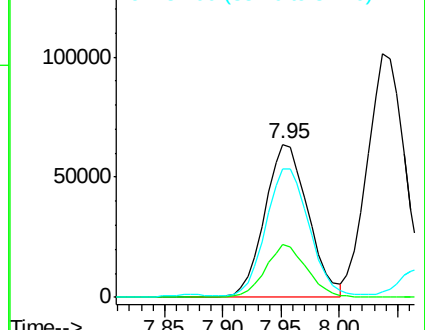
56 100

69 34.5 26.3 39.5

84 82.2 65.7 98.5



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: 54.034 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

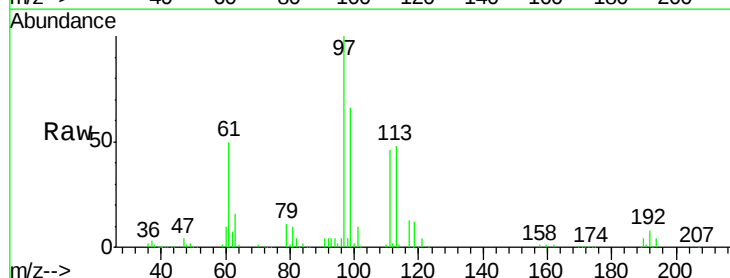
Tgt Ion: 97 Resp: 162543

Ion Ratio Lower Upper

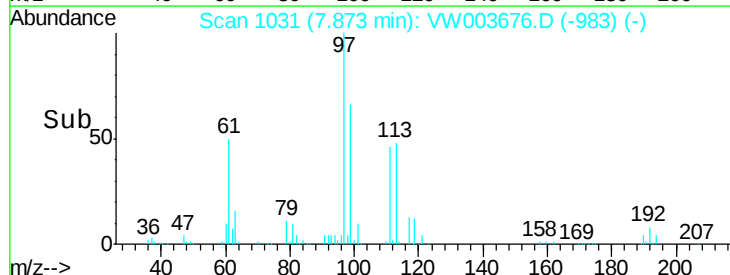
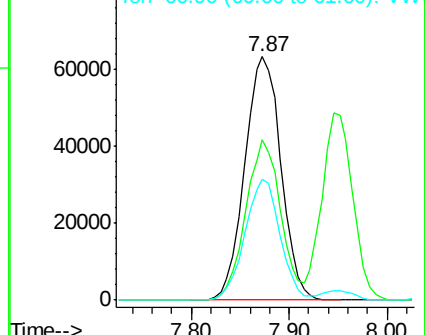
97 100

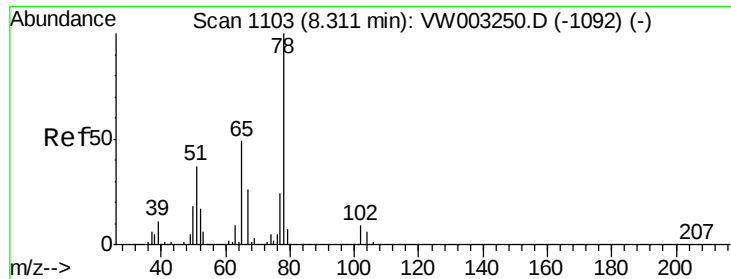
99 64.0 51.7 77.5

61 48.2 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

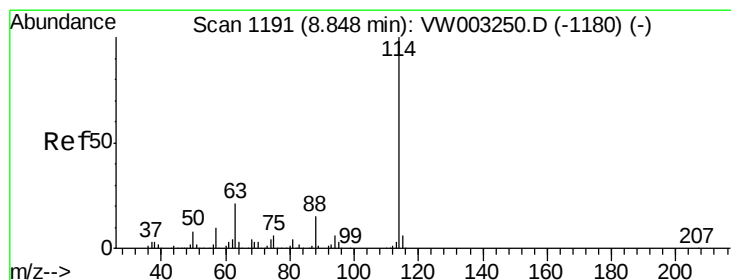
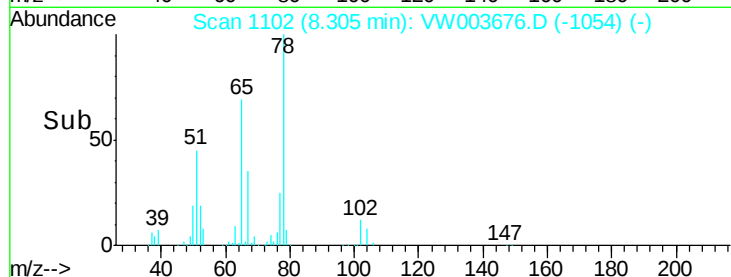
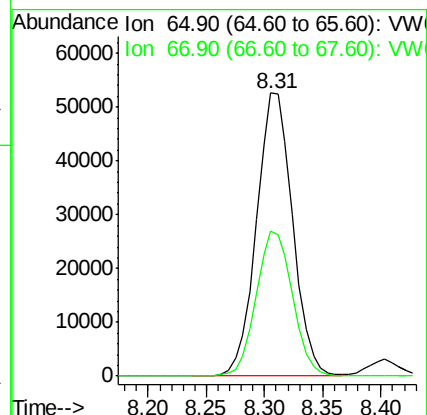
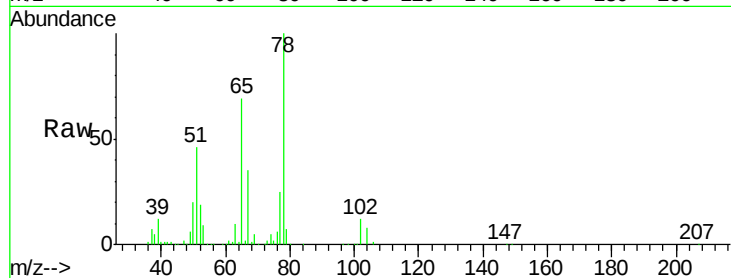




#33
 1,2-Dichloroethane-d4
 Concen: 55.091 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

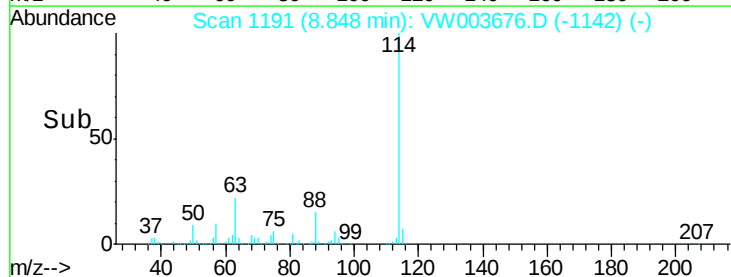
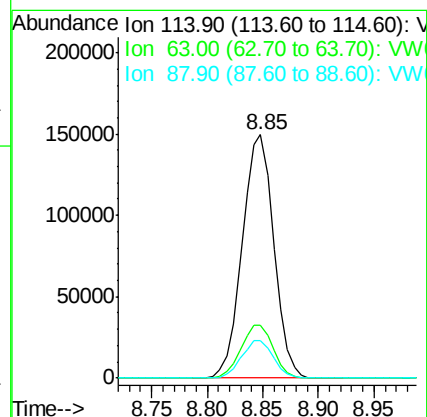
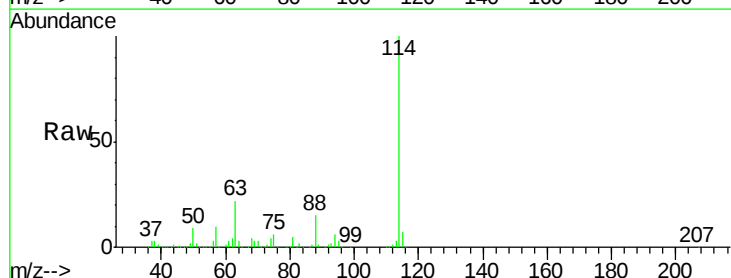
Instrument :
 MSVOA_W
 ClientSampled :

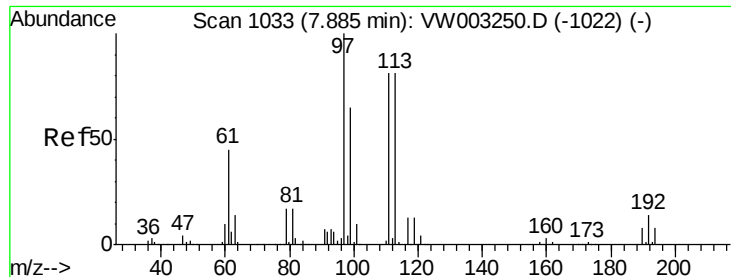
Tot Ion: 65 Resp: 113936
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion: 114 Resp: 293759
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 15.3 0.0 29.6

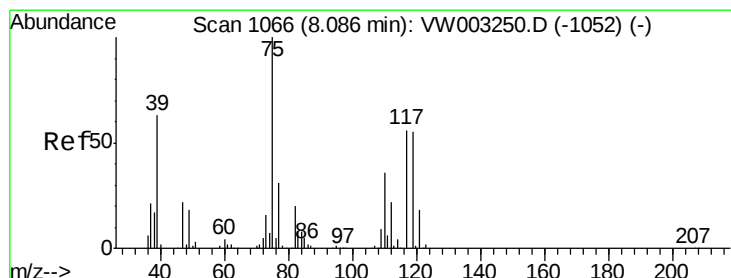
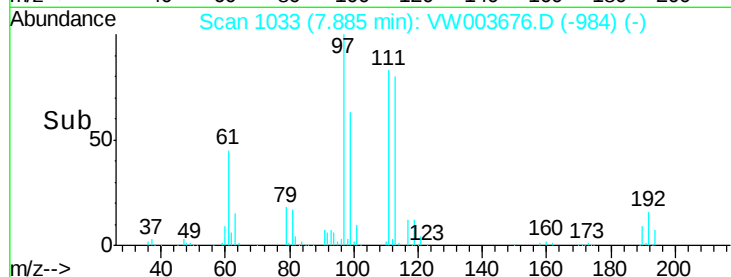
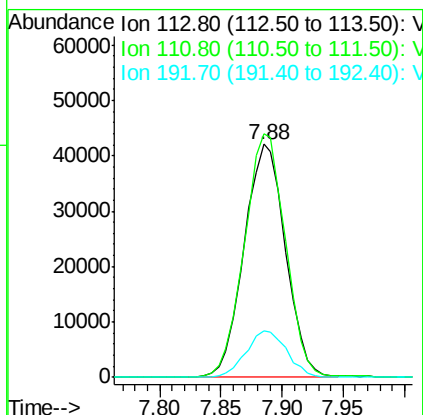
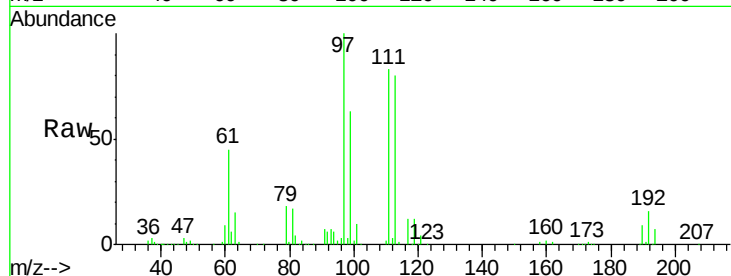




#35
 Dibromofluoromethane
 Concen: 54.362 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

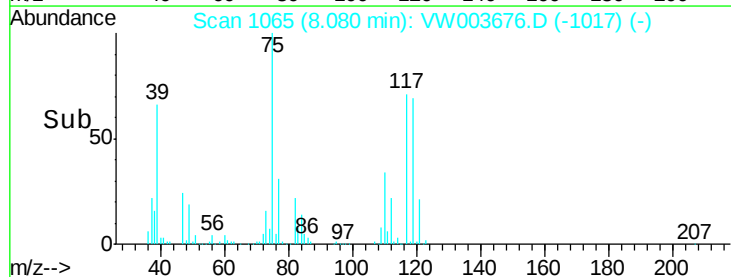
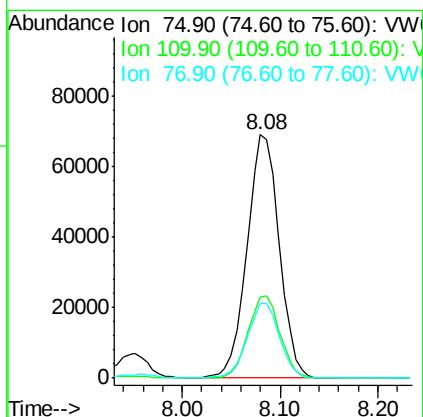
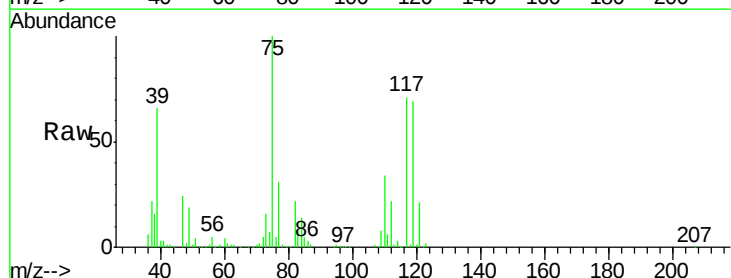
Instrument :
 MSVOA_W
 ClientSampleId :

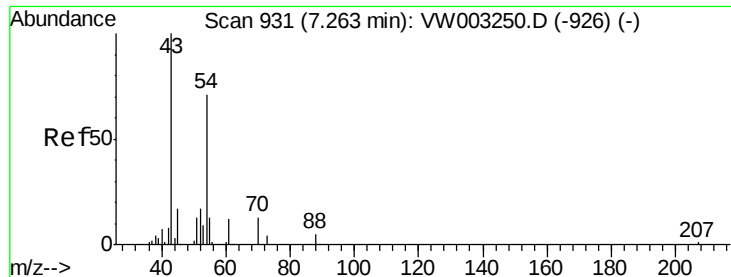
Tot Ion:113 Resp: 99228
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 55.429 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion: 75 Resp: 157249
 Ion Ratio Lower Upper
 75 100
 110 33.6 17.1 51.3
 77 31.0 24.9 37.3

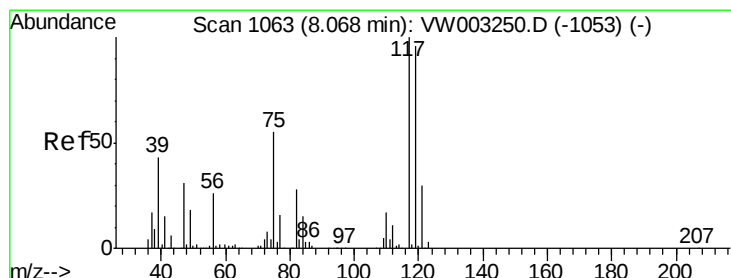
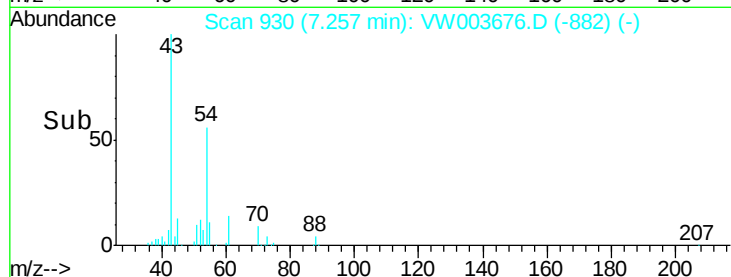
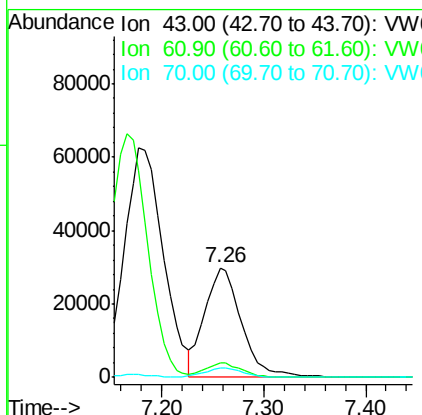
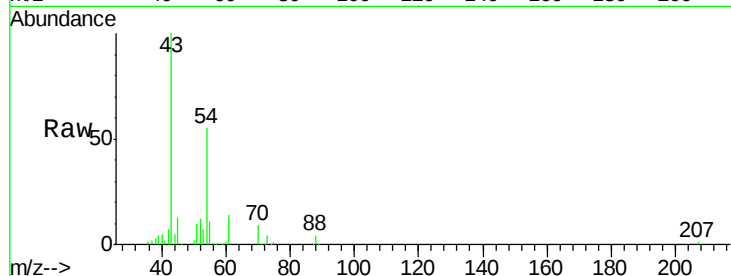




#37
Ethyl Acetate
Concen: 63.016 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

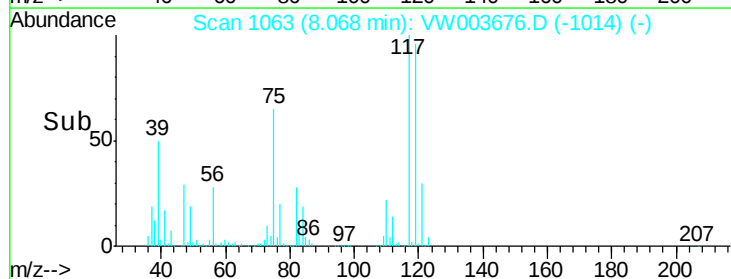
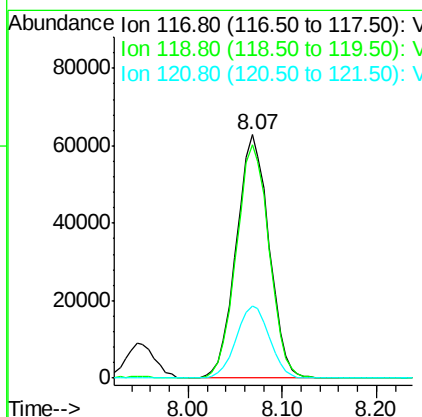
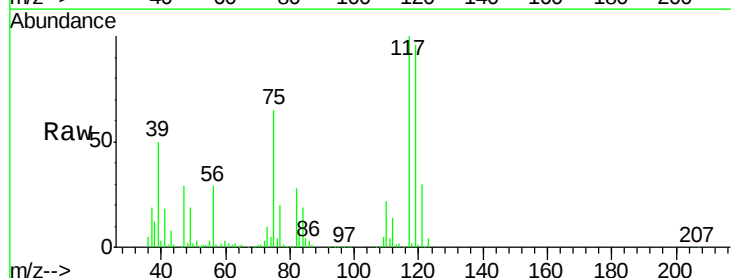
Instrument :
MSVOA_W
ClientSampleId :

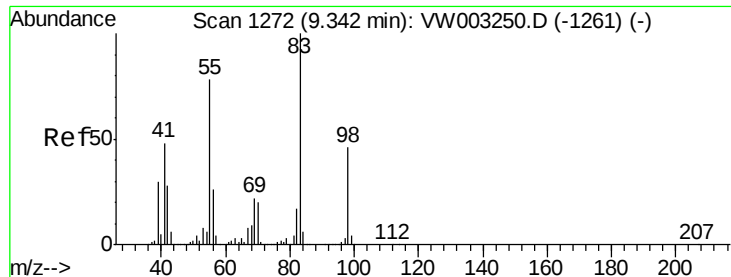
Tot Ion: 43 Resp: 74062
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 9.0 7.8 11.6



#38
Carbon Tetrachloride
Concen: 54.471 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 117 Resp: 151581
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0
121 29.7 23.9 35.9

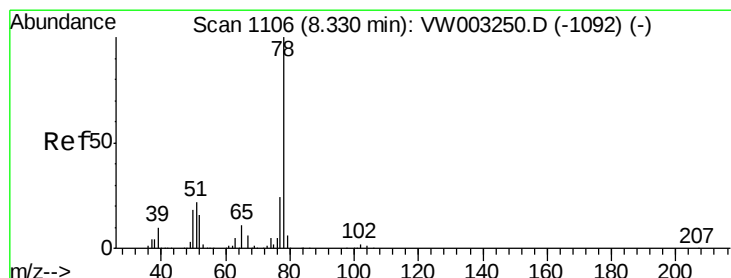
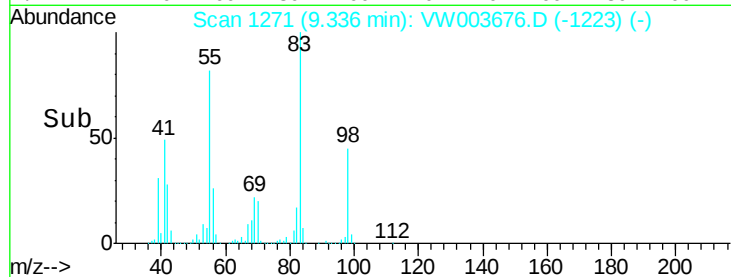
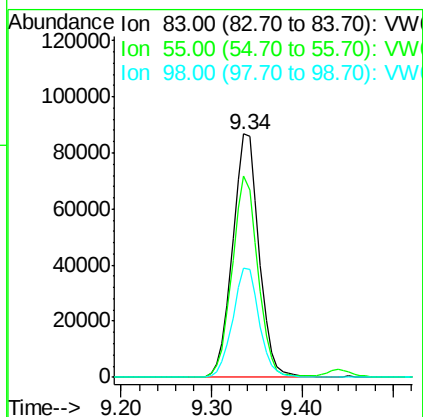
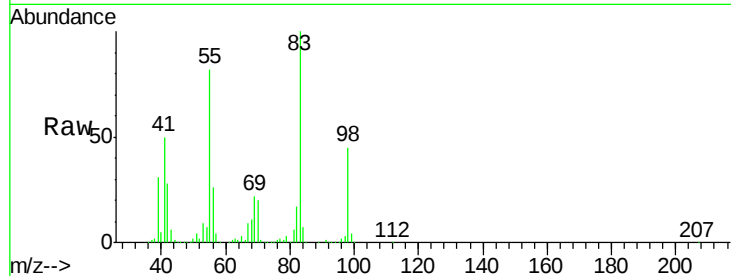




#39
Methvlcvclohexane
Concen: 53.558 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

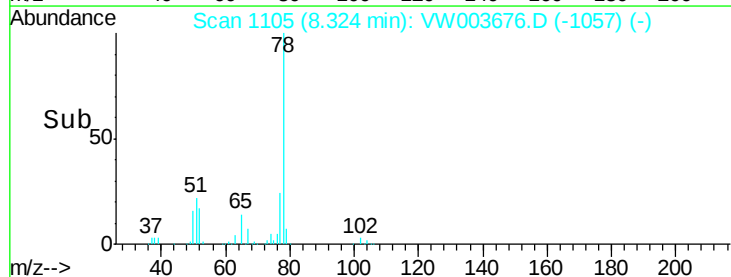
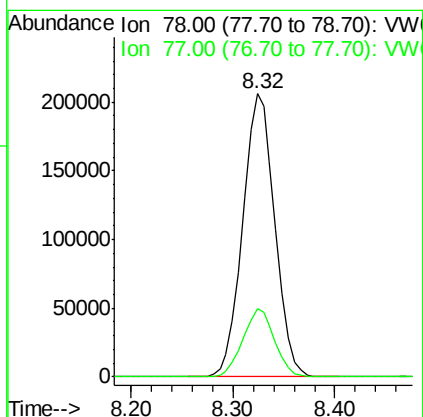
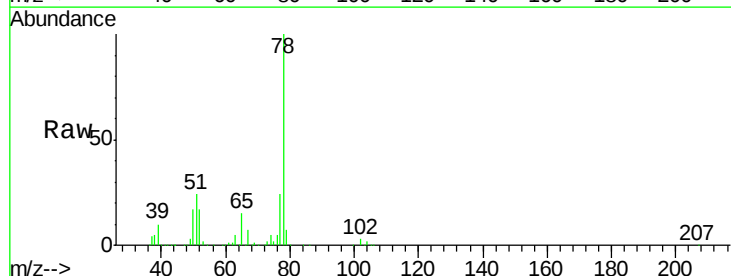
Instrument :
MSVOA_W
ClientSampled :

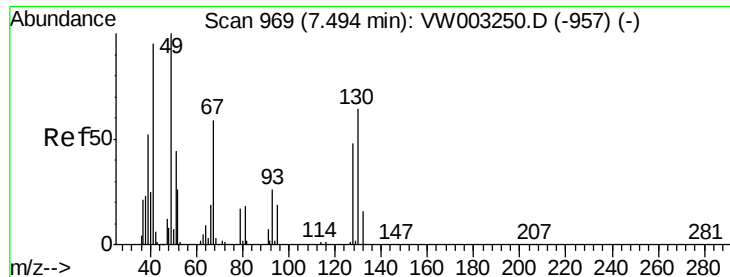
Tot Ion: 83 Resp: 175806
Ion Ratio Lower Upper
83 100
55 82.4 62.6 93.8
98 45.0 37.0 55.4



#40
Benzene
Concen: 57.378 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 78 Resp: 448685
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

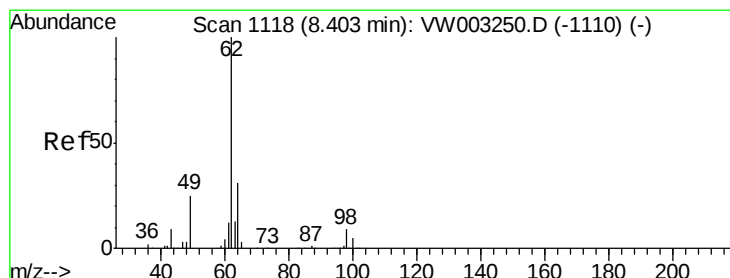
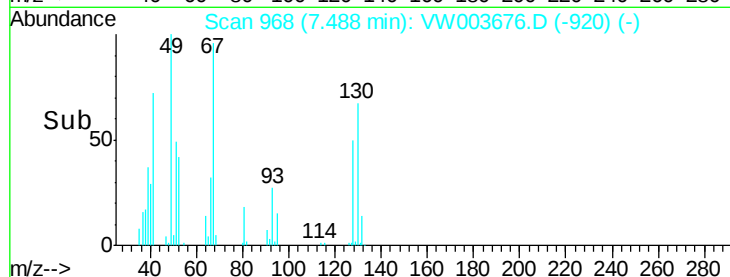
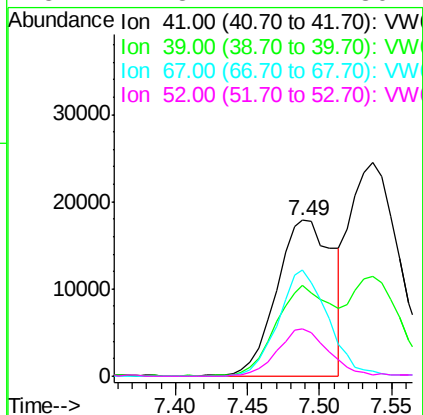
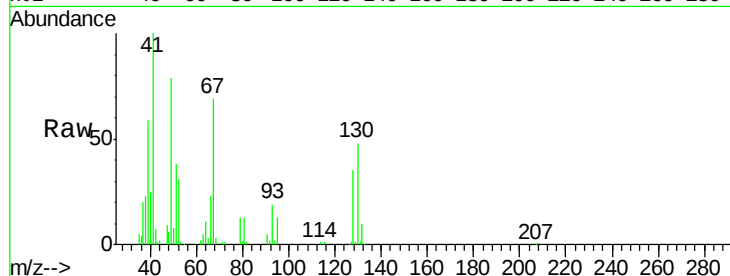




#41
Methacrylonitrile
Concen: 67.868 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

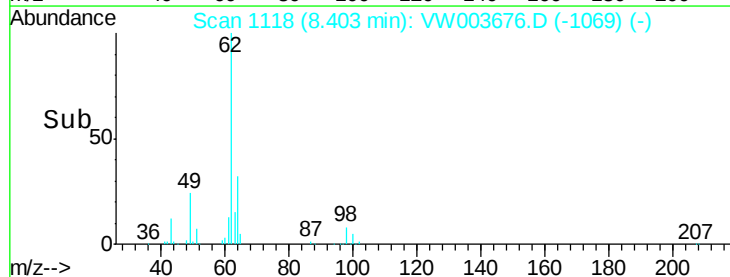
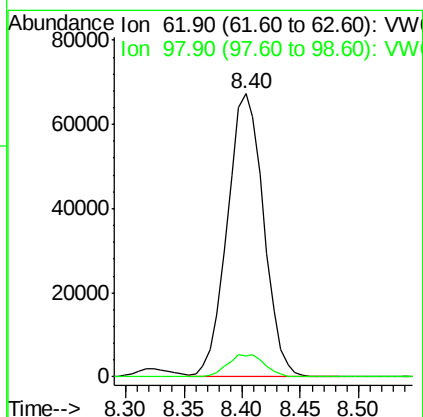
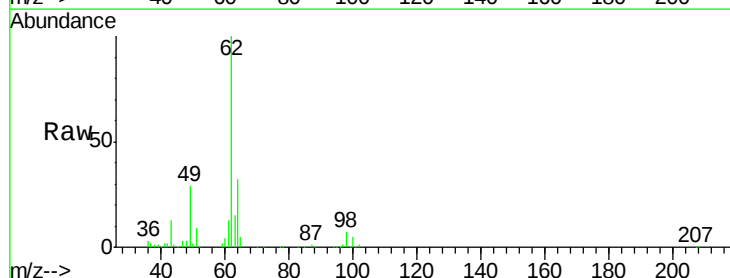
Instrument :
MSVOA_W
ClientSampled :

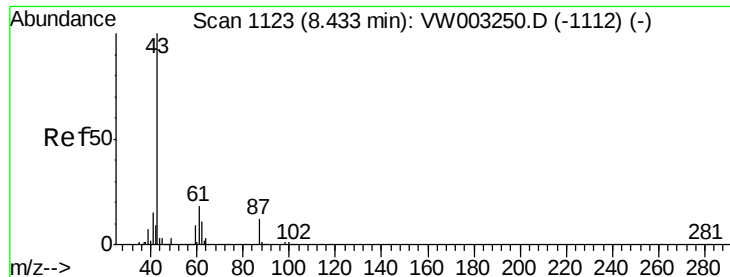
Tot Ion:	41	Resp:	48947
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.8
67	60.3	52.3	78.5
52	27.8	24.1	36.1



#42
1,2-Dichloroethane
Concen: 59.688 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion:	62	Resp:	146236
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 62.603 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

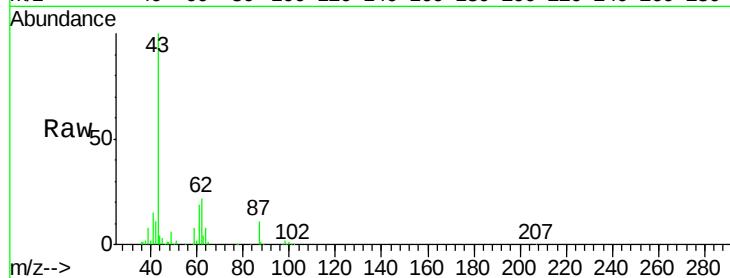
Tot Ion: 43 Resp: 146094

Ion Ratio Lower Upper

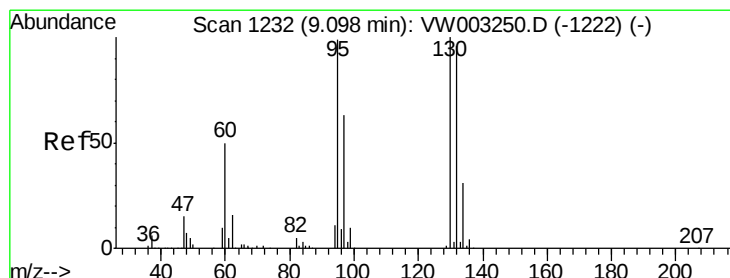
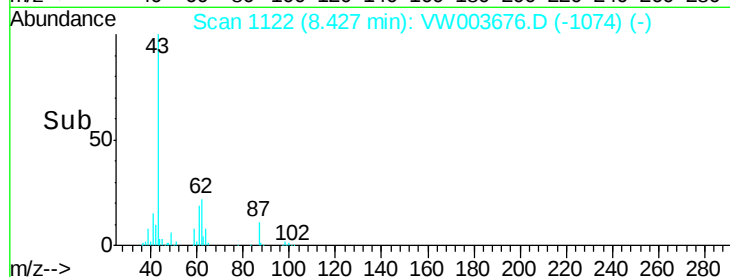
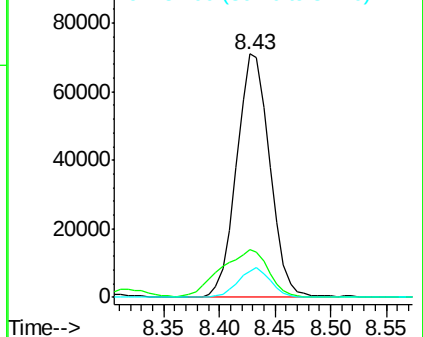
43 100

61 28.5 23.1 34.7

87 11.8 9.8 14.6



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



#44

Trichloroethene

Concen: 54.900 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003676.D

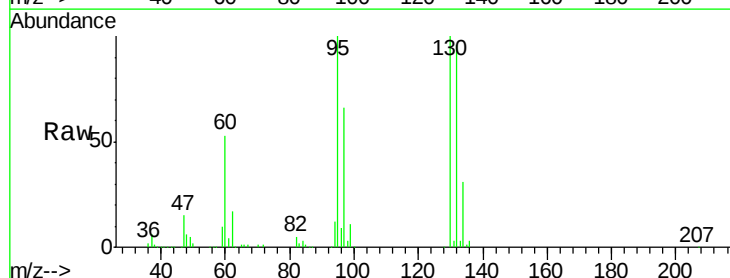
Acq: 29 Jun 2018 22:00

Tgt Ion: 130 Resp: 113757

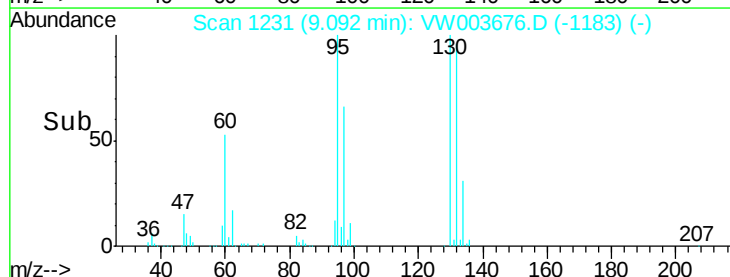
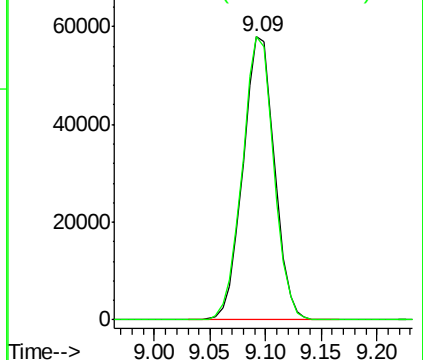
Ion Ratio Lower Upper

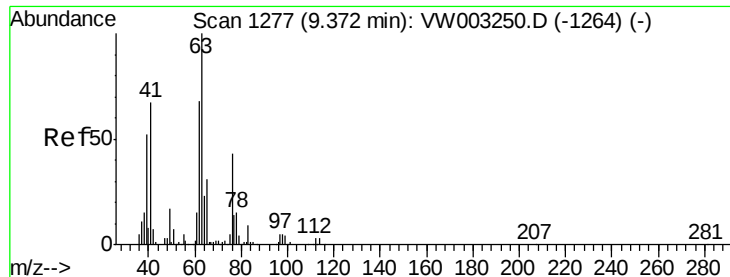
130 100

95 99.9 0.0 198.0



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





#45

1,2-Dichloropropane

Concen: 59.802 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

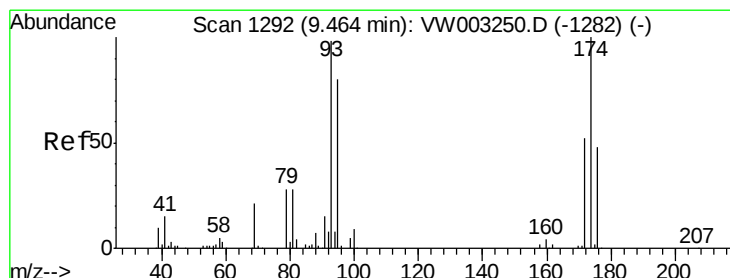
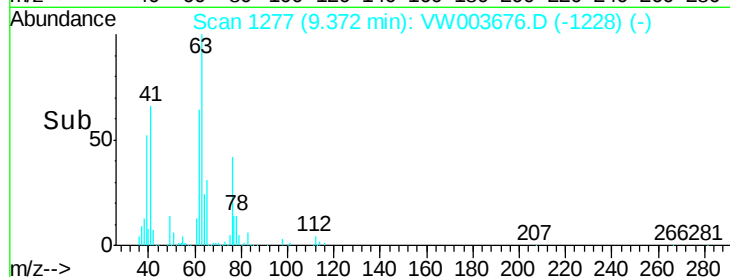
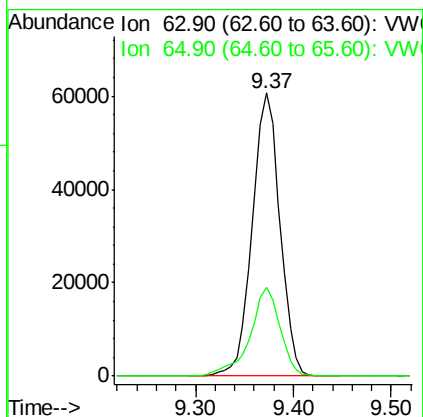
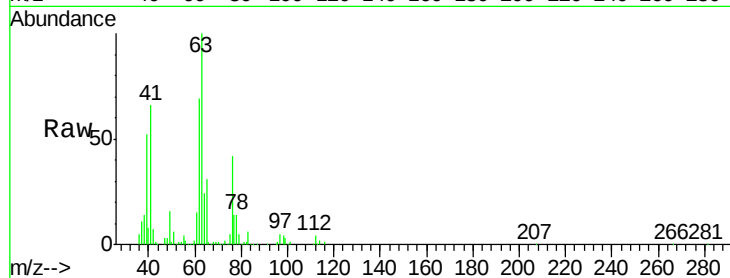
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 119069

Ion Ratio Lower Upper

63 100

65 31.5 25.1 37.7



#46

Dibromomethane

Concen: 61.009 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

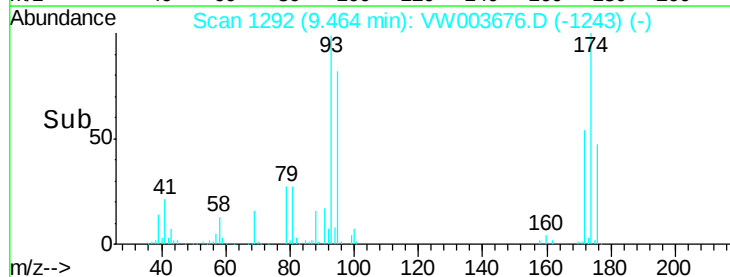
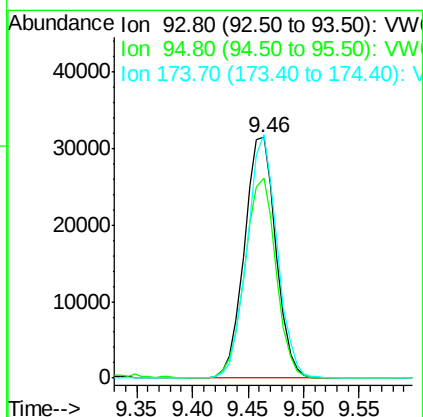
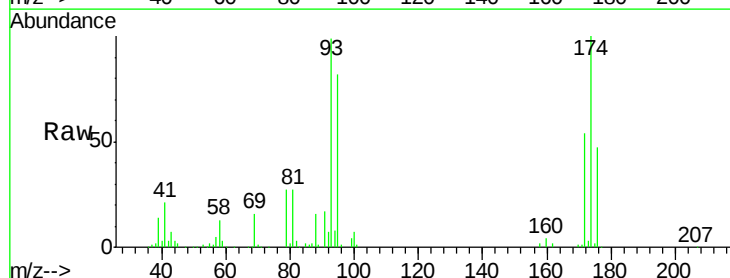
Tgt Ion: 93 Resp: 62191

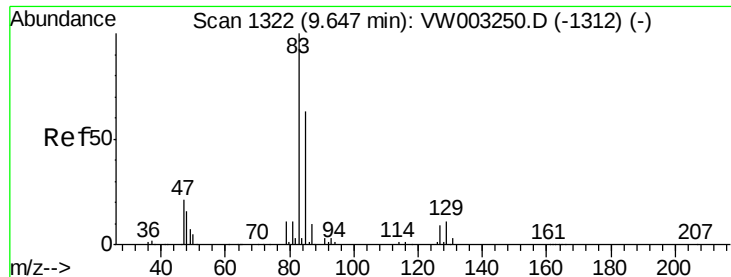
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.8

174 96.3 81.4 122.0





#47

Bromodichloromethane

Concen: 59.738 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampled :

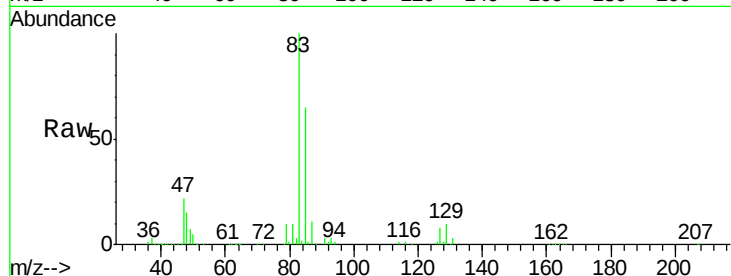
Tot Ion: 83 Resp: 156093

Ion Ratio Lower Upper

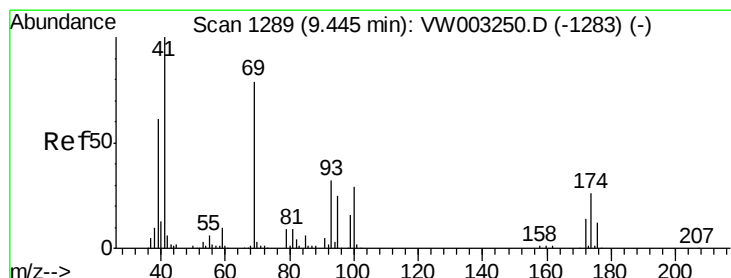
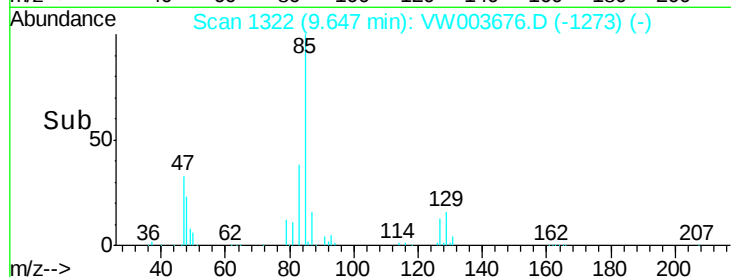
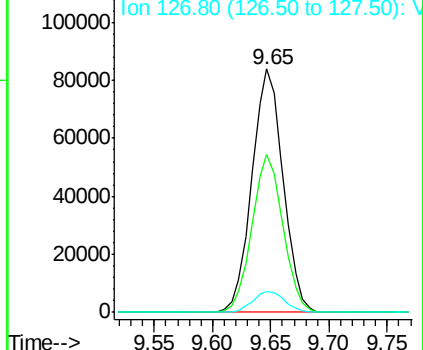
83 100

85 65.0 50.6 75.8

127 8.4 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: 65.011 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

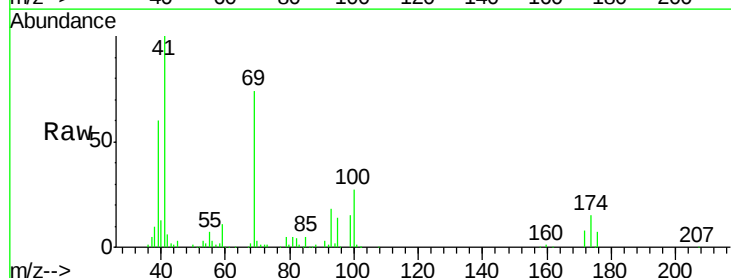
Tgt Ion: 41 Resp: 71298

Ion Ratio Lower Upper

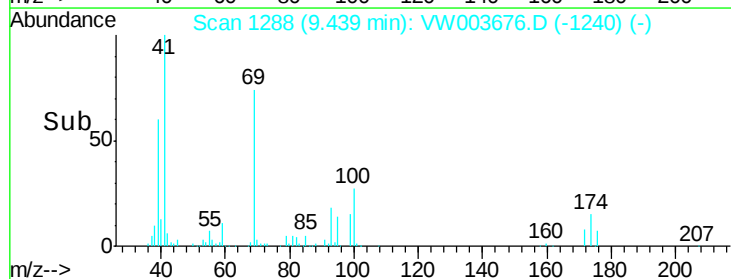
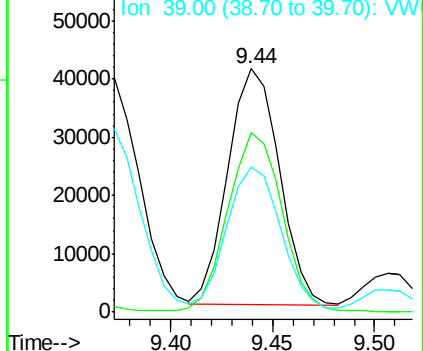
41 100

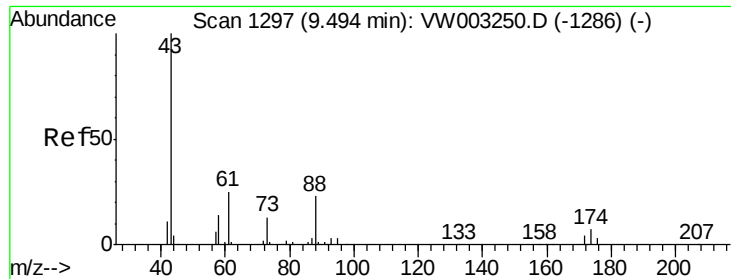
69 79.9 65.4 98.2

39 65.1 54.2 81.2



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





#49

1,4-Dioxane

Concen: 1241.863 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. -0.02 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

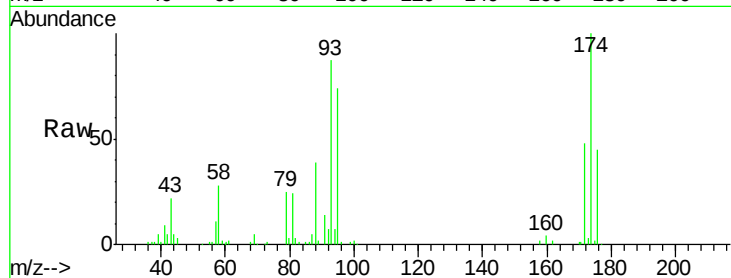
Tot Ion: 88 Resp: 19114

Ion Ratio Lower Upper

88 100

43 0.0 454.7 682.1#

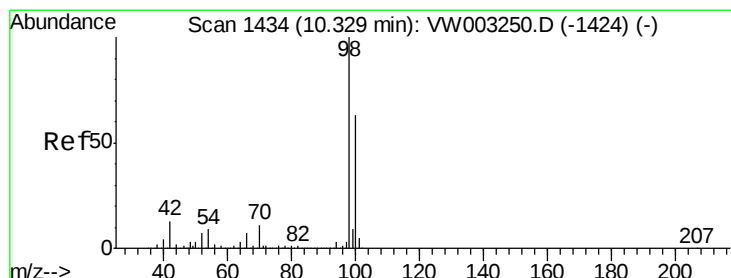
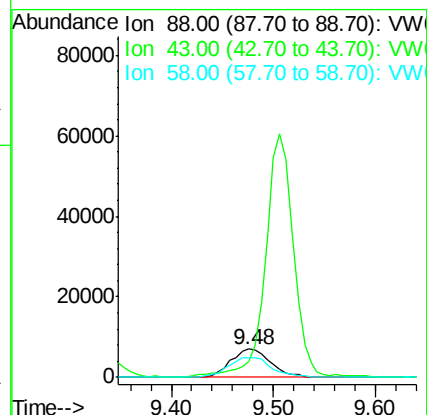
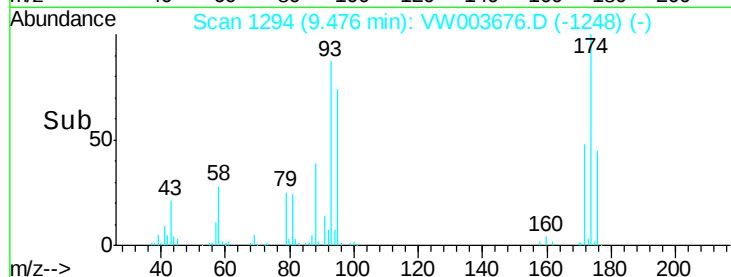
58 76.7 58.6 88.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.841 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003676.D

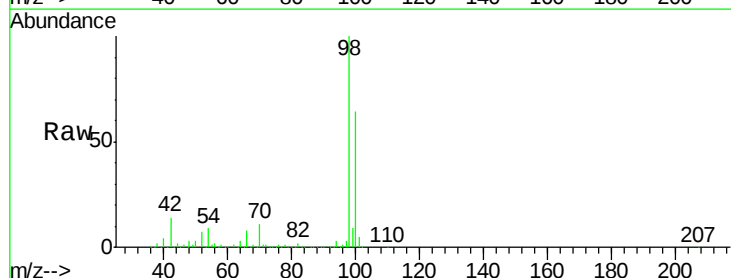
Acq: 29 Jun 2018 22:00

Tgt Ion: 98 Resp: 389693

Ion Ratio Lower Upper

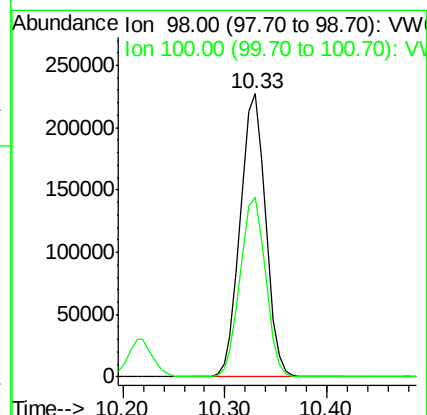
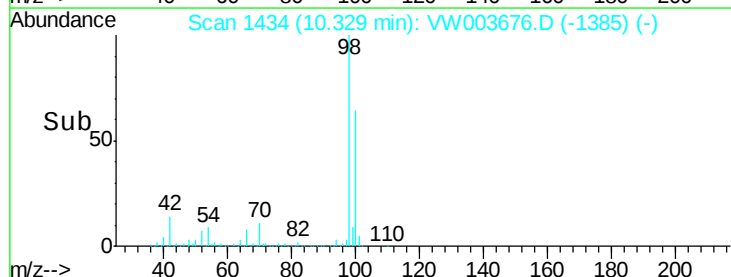
98 100

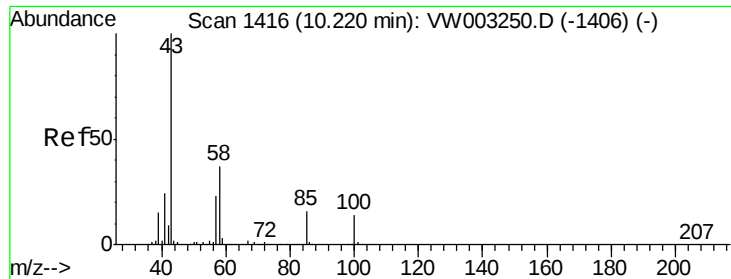
100 64.0 50.8 76.2



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: 333.242 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

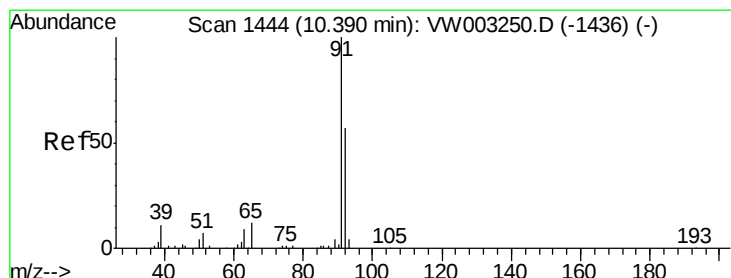
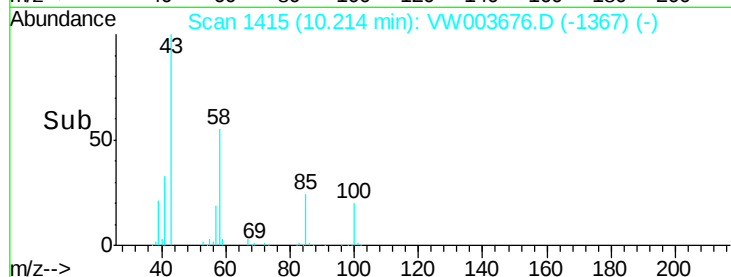
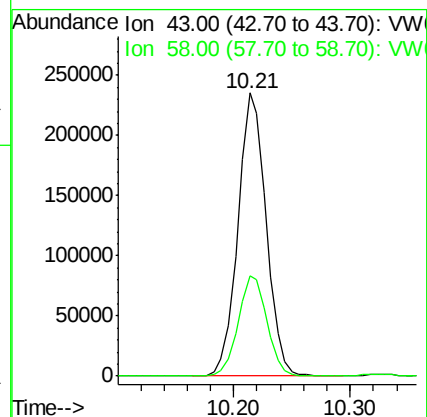
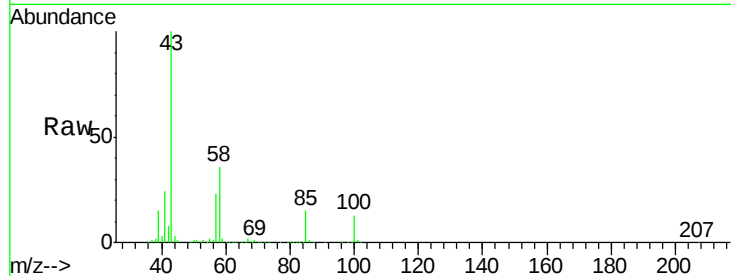
ClientSampled :

Tot Ion: 43 Resp: 396268

Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.4



#52

Toluene

Concen: 57.674 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003676.D

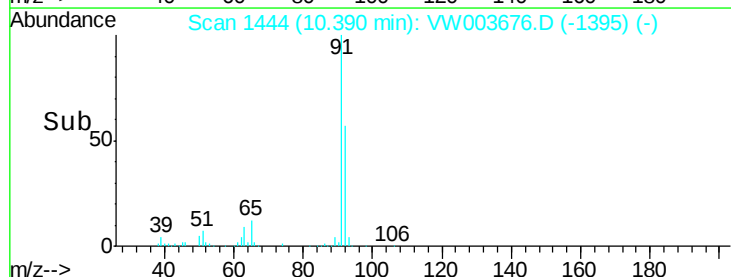
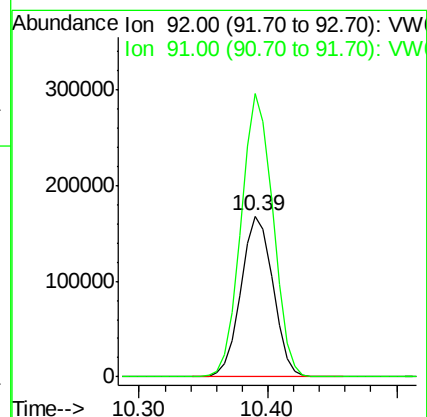
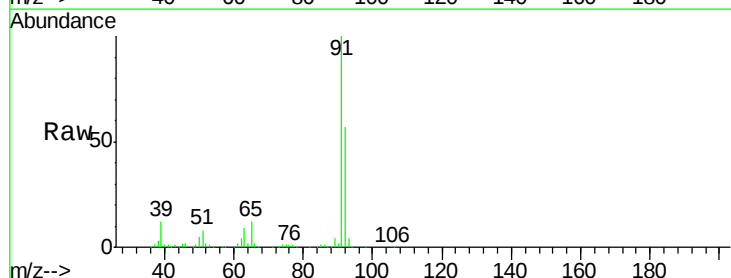
Acq: 29 Jun 2018 22:00

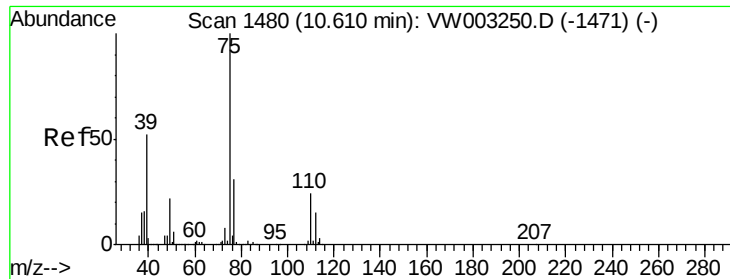
Tgt Ion: 92 Resp: 289209

Ion Ratio Lower Upper

92 100

91 174.9 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 58.951 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

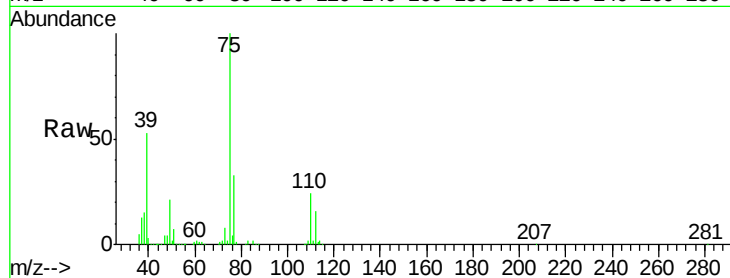
ClientSampleId :

Tot Ion: 75 Resp: 157347

Ion Ratio Lower Upper

75 100

77 33.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

80000

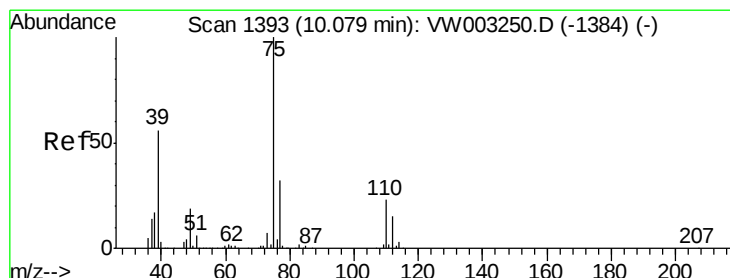
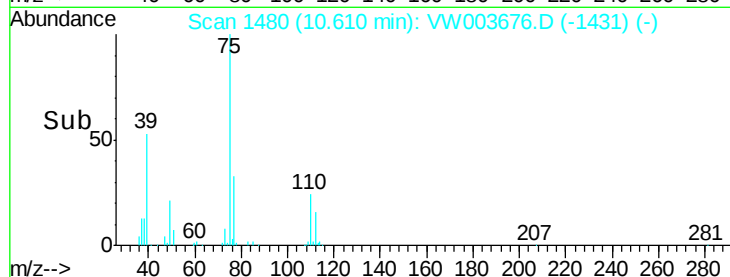
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 58.748 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

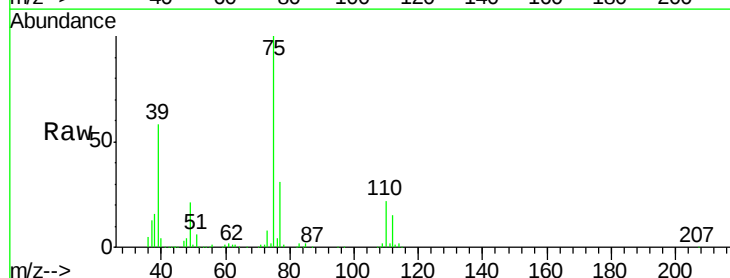
Tgt Ion: 75 Resp: 178472

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 57.8 45.2 67.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

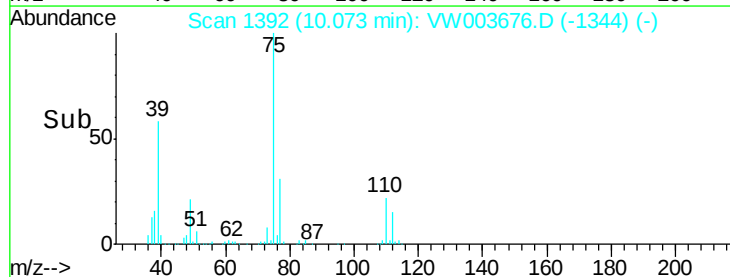
10.07

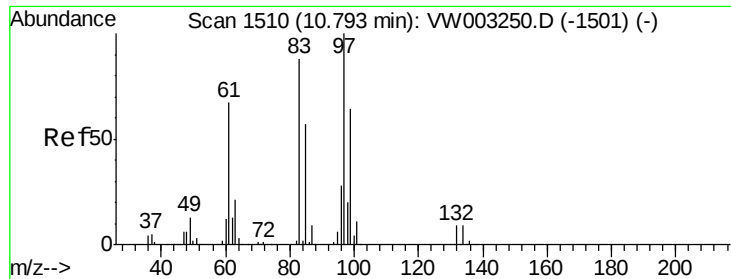
100000

50000

0

Time--> 10.00 10.10





#55

1,1,2-Trichloroethane

Concen: 60.561 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 86993

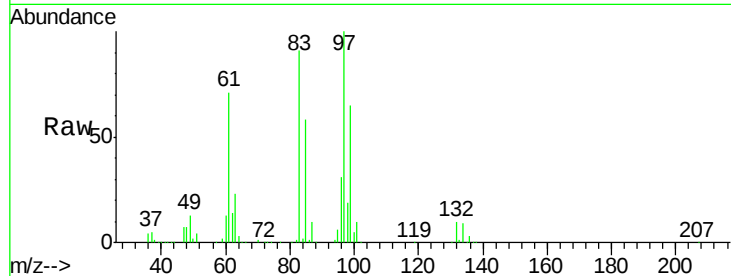
Ion	Ratio	Lower	Upper
97	100		
83	90.5	70.2	105.2
85	58.2	45.6	68.4
99	65.1	51.2	76.8

97 100

83 90.5 70.2 105.2

85 58.2 45.6 68.4

99 65.1 51.2 76.8

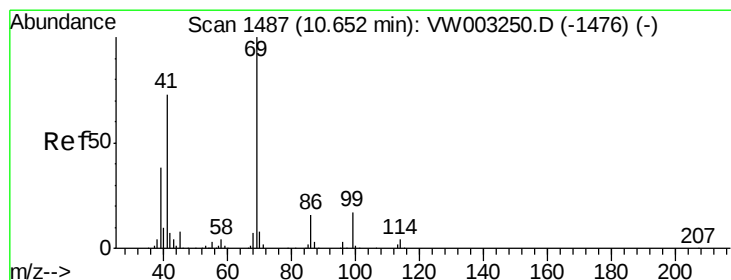
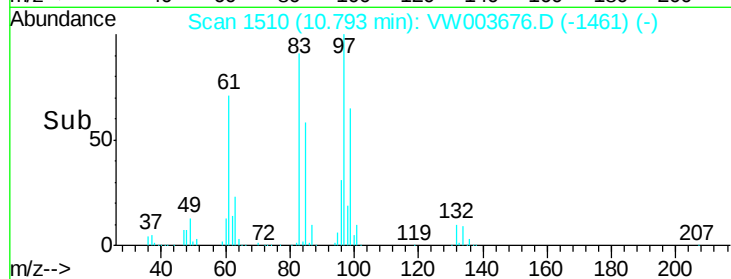
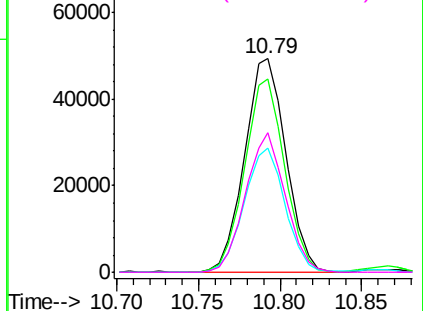


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 63.818 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

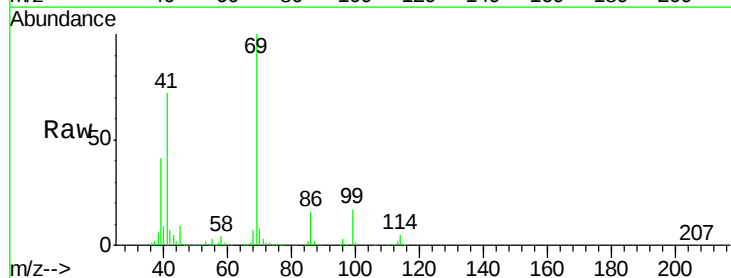
Tgt Ion: 69 Resp: 111318

Ion	Ratio	Lower	Upper
69	100		
41	76.5	57.8	86.6
39	39.7	32.7	49.1

69 100

41 76.5 57.8 86.6

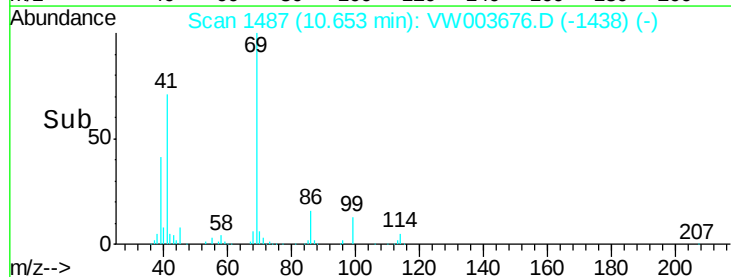
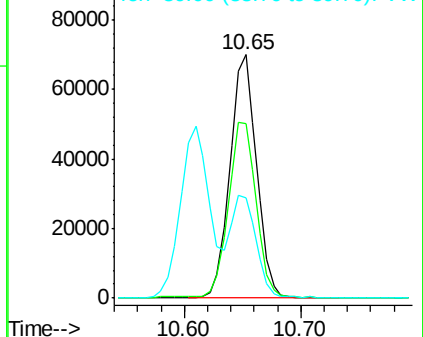
39 39.7 32.7 49.1

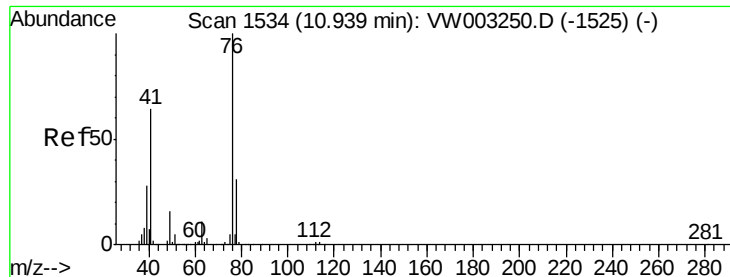


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 62.002 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

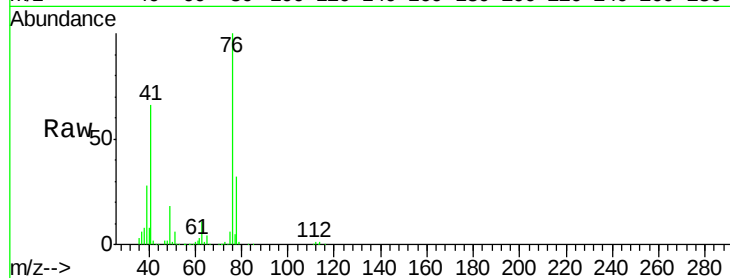
ClientSampleId :

Tot Ion: 76 Resp: 153605

Ion Ratio Lower Upper

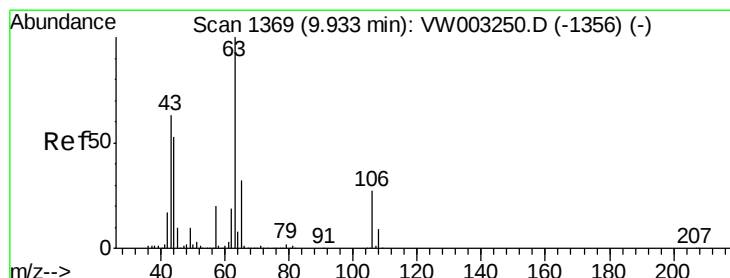
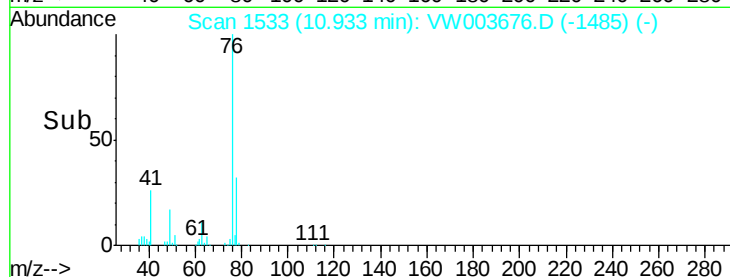
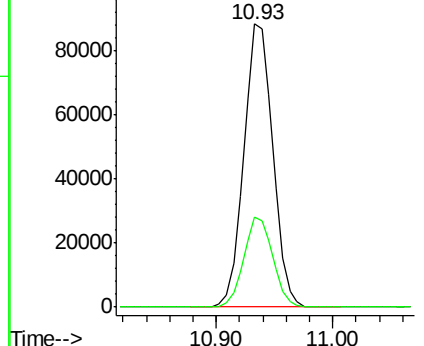
76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 318.507 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003676.D

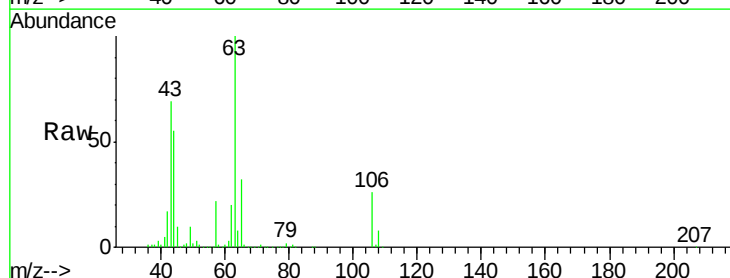
Acq: 29 Jun 2018 22:00

Tgt Ion: 63 Resp: 249053

Ion Ratio Lower Upper

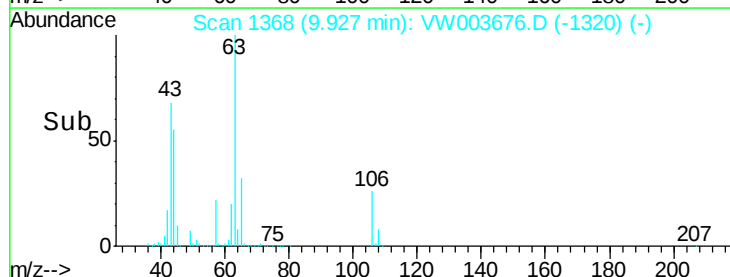
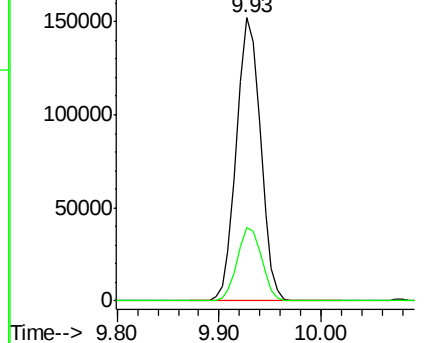
63 100

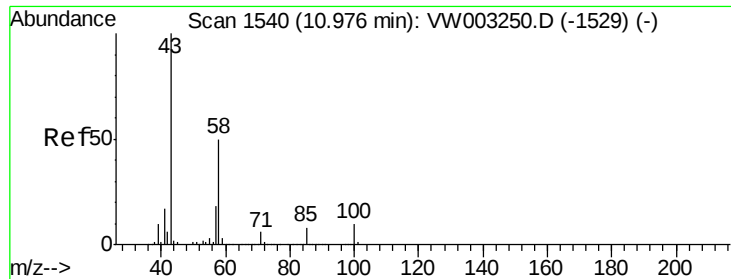
106 26.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

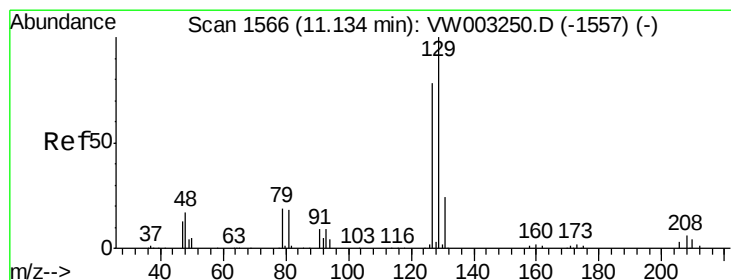
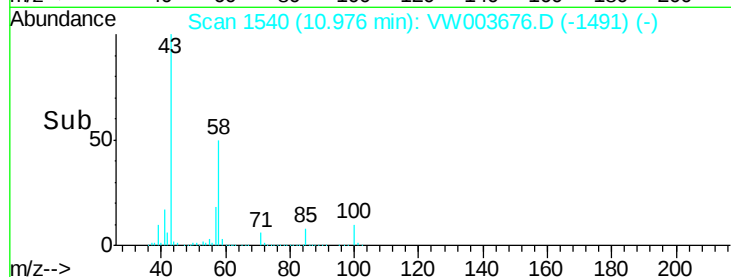
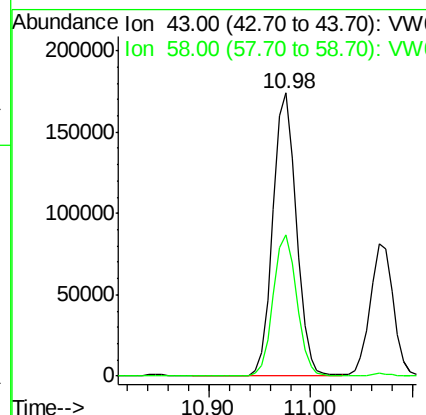
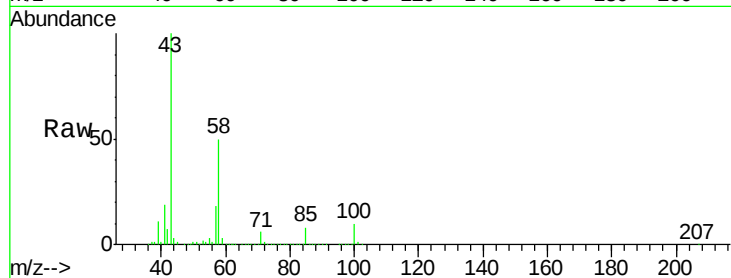




#59
2-Hexanone
Concen: 333.692 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

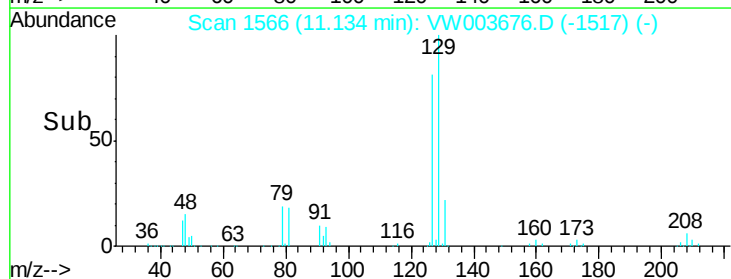
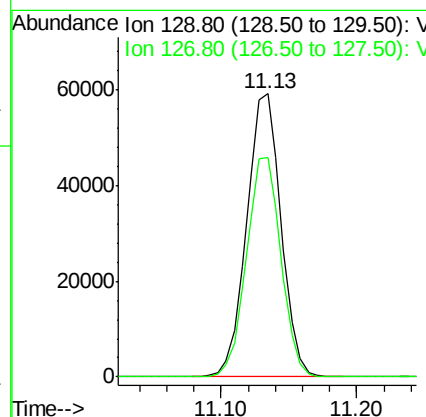
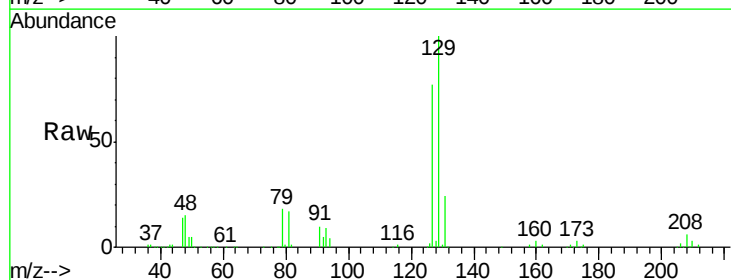
Instrument :
MSVOA_W
ClientSampleId :

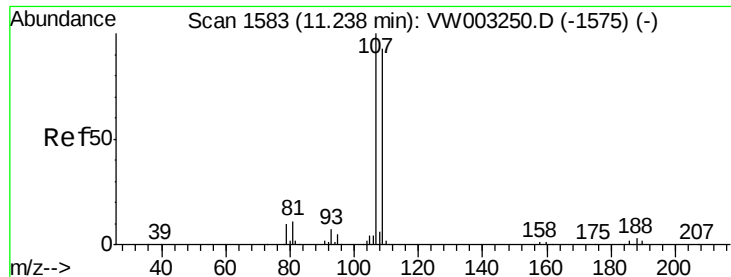
Tot Ion: 43 Resp: 277202
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0



#60
Dibromochloromethane
Concen: 61.206 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 129 Resp: 104554
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.5

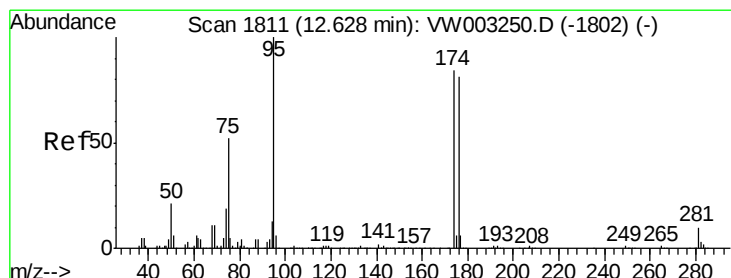
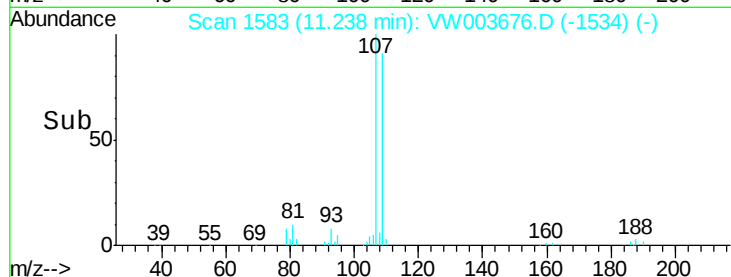
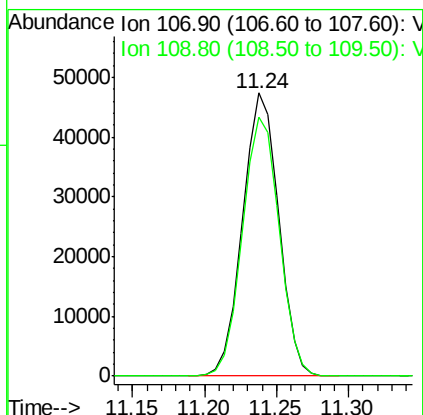
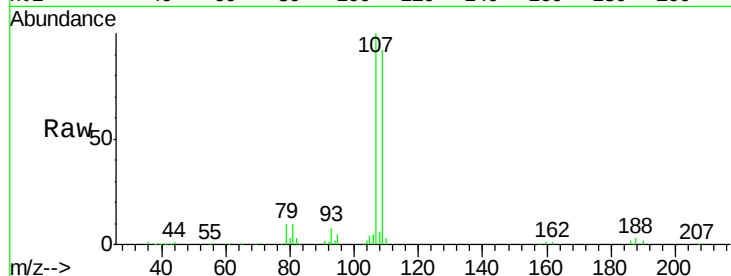




#61
 1,2-Dibromoethane
 Concen: 60.383 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

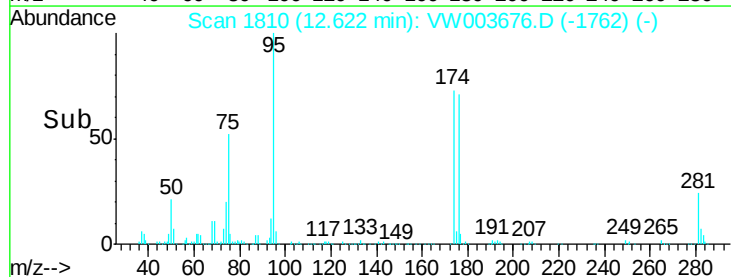
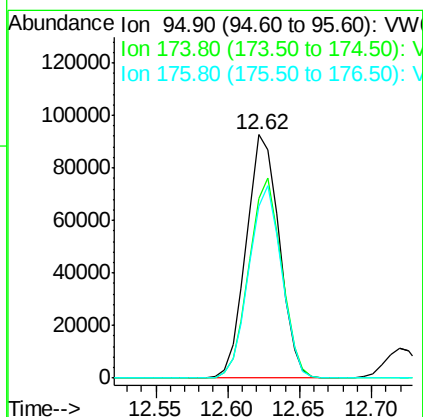
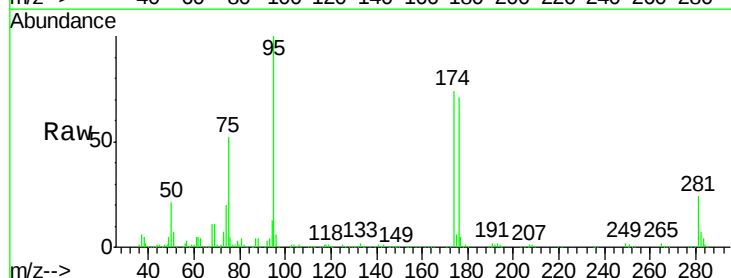
Instrument :
 MSVOA_W
 ClientSampled :

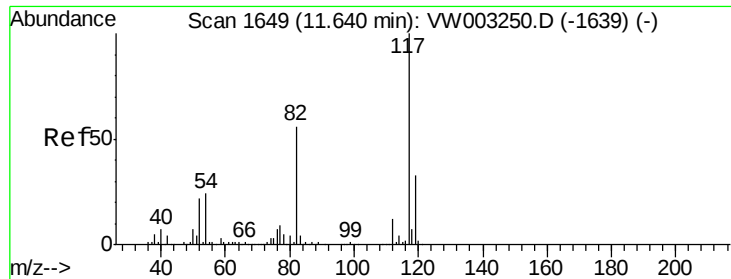
Tot Ion: 107 Resp: 82045
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 57.378 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion: 95 Resp: 146968
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 166.4
 176 78.2 0.0 162.0

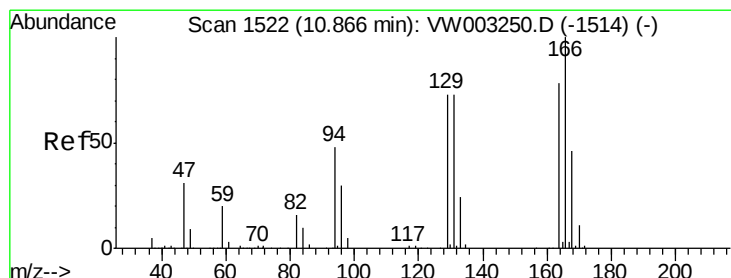
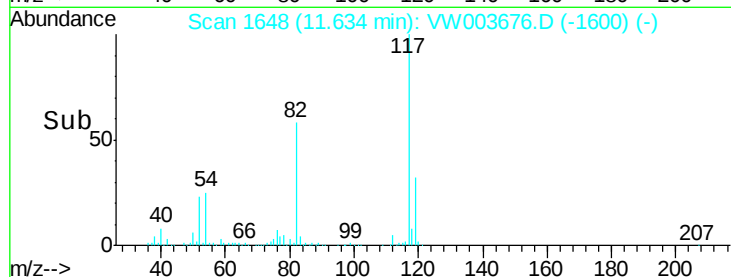
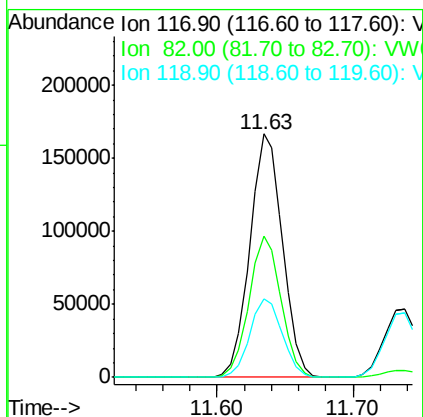
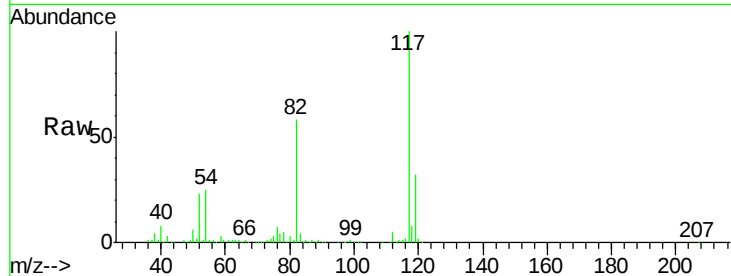




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

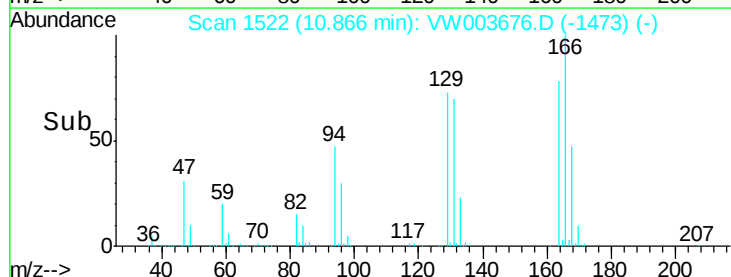
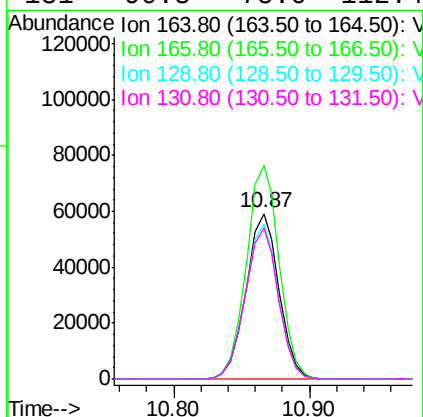
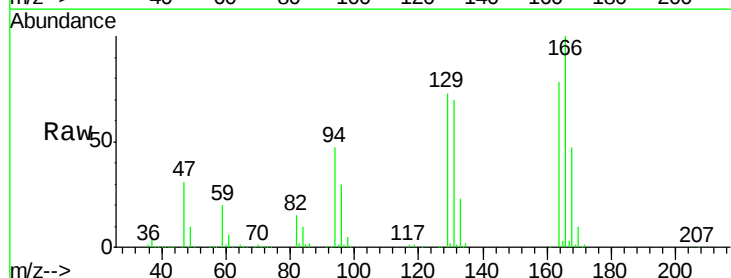
Instrument :
MSVOA_W
ClientSampled :

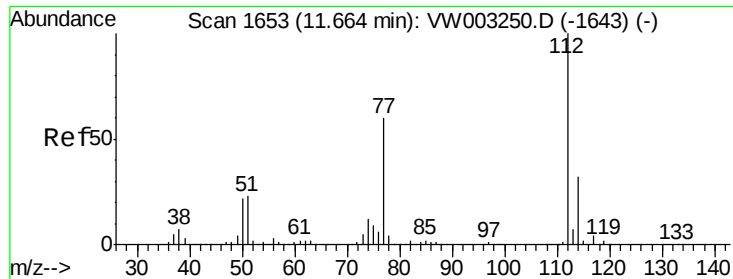
Tot Ion:117 Resp: 280646
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 32.1 26.7 40.1



#64
Tetrachloroethene
Concen: 53.136 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion:164 Resp: 99743
Ion Ratio Lower Upper
164 100
166 128.8 102.6 154.0
129 93.7 75.2 112.8
131 90.8 75.0 112.4





#65

Chlorobenzene

Concen: 55.019 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

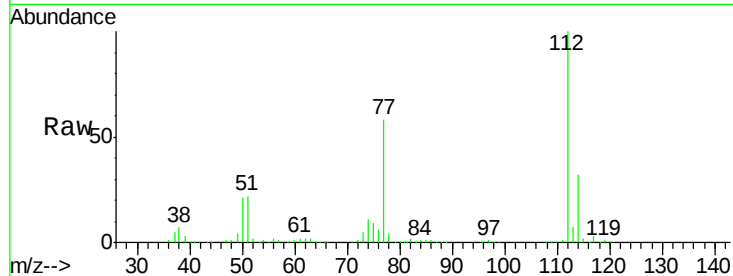
ClientSampled :

Tot Ion:112 Resp: 321545

Ion Ratio Lower Upper

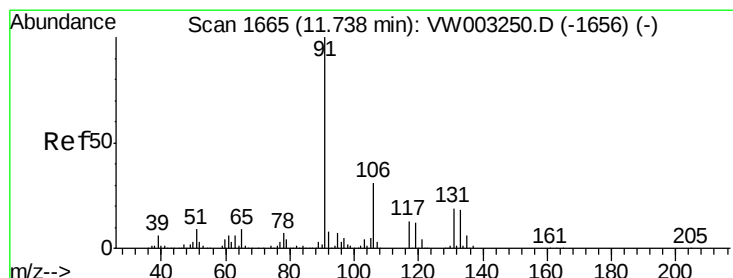
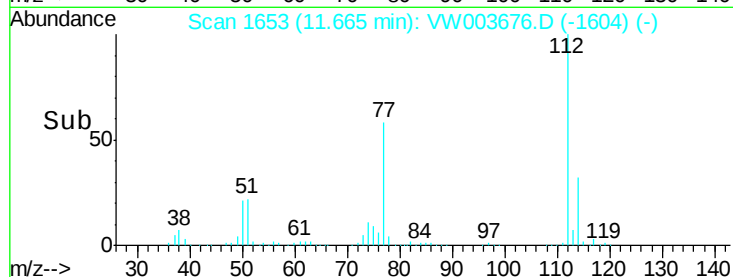
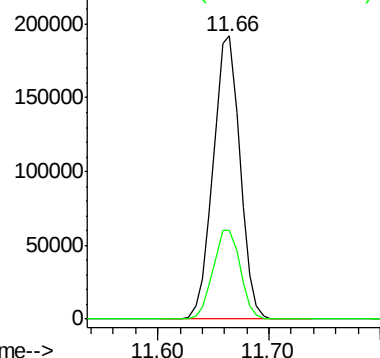
112 100

114 31.6 25.9 38.9



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: 56.261 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

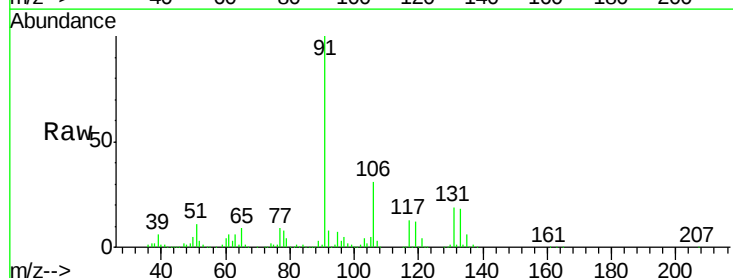
Tgt Ion:131 Resp: 115547

Ion Ratio Lower Upper

131 100

133 96.2 47.3 142.0

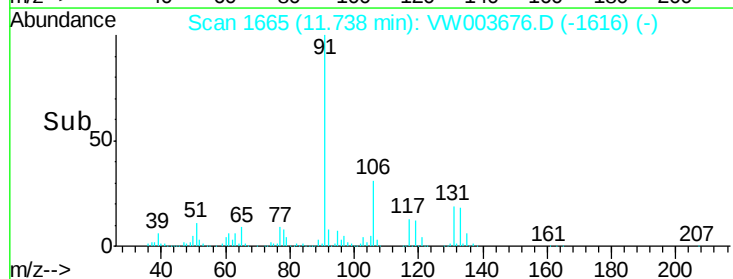
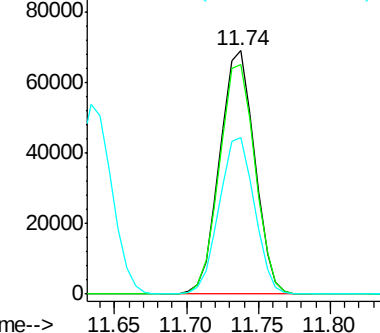
119 65.1 32.5 97.4

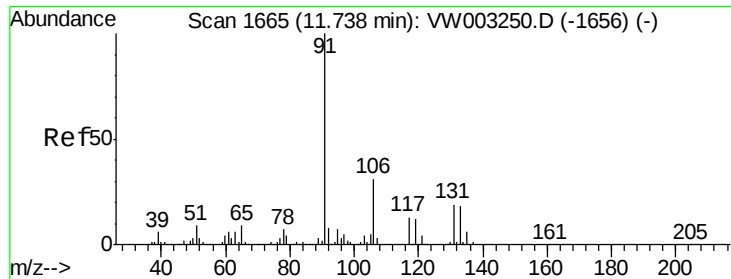


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

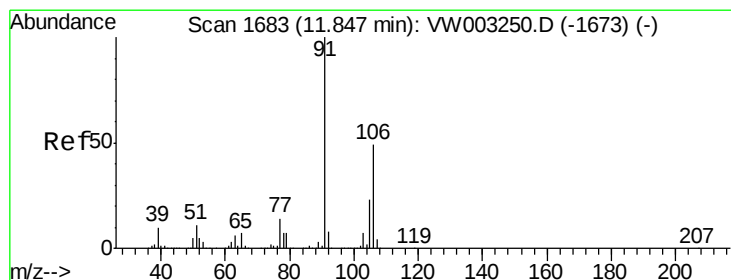
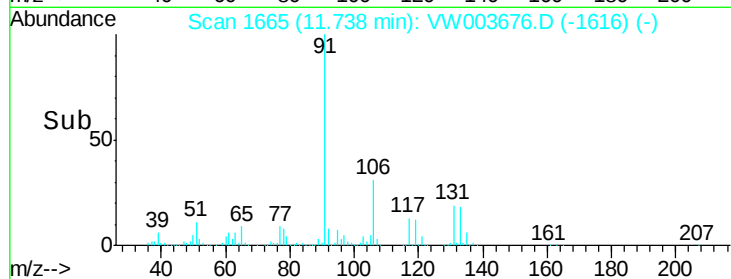
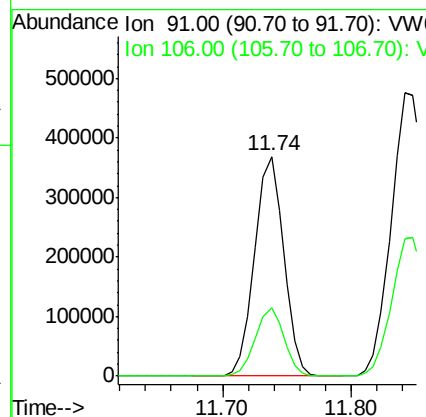
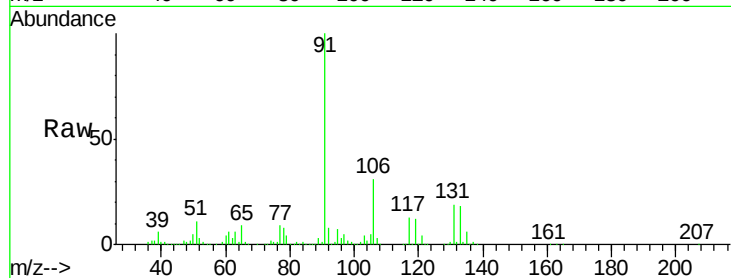




#67
Ethyl Benzene
Concen: 55.434 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

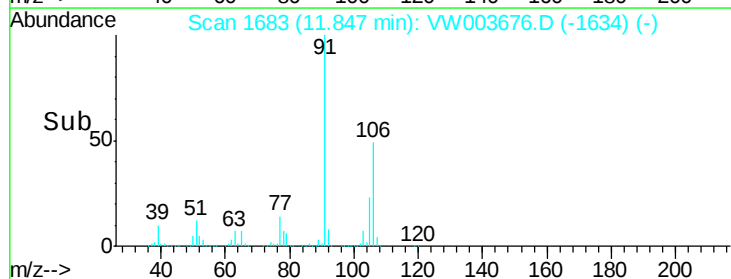
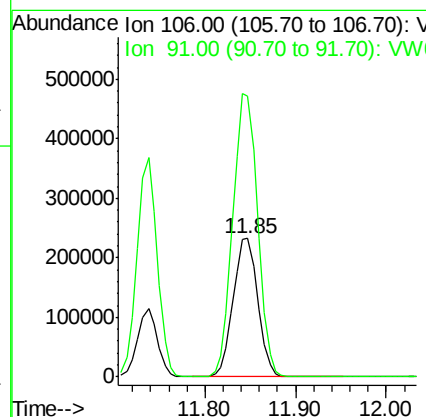
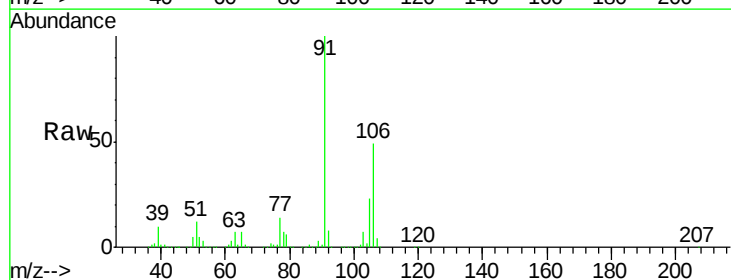
Instrument :
MSVOA_W
ClientSampled :

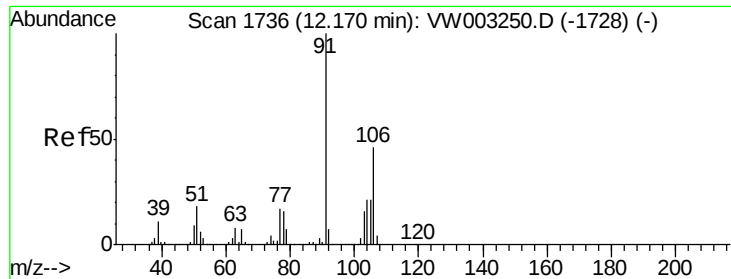
Tot Ion: 91 Resp: 574273
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1



#68
m/p-Xylenes
Concen: 111.176 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 106 Resp: 437817
Ion Ratio Lower Upper
106 100
91 206.5 165.4 248.0

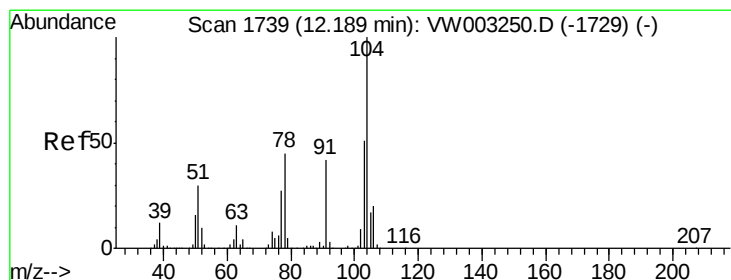
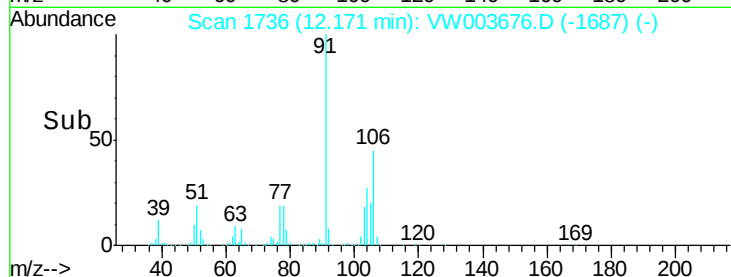
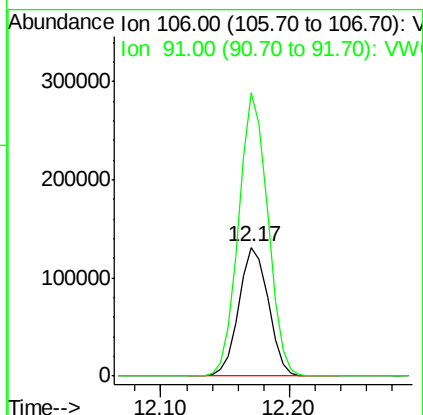
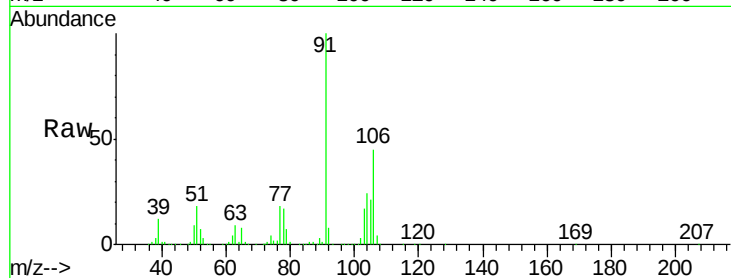




#69
o-Xylene
Concen: 56.974 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

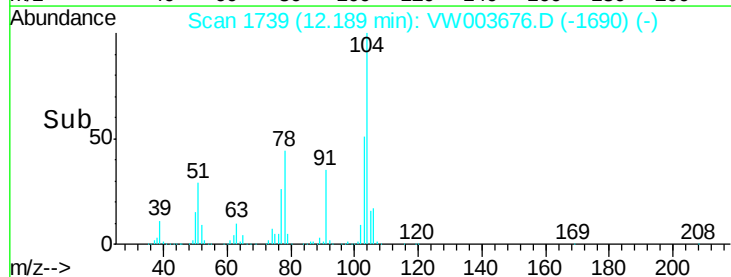
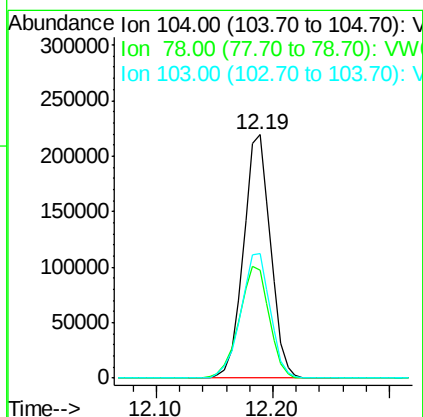
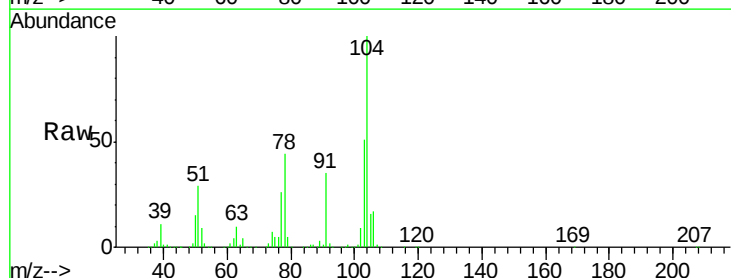
Instrument :
MSVOA_W
ClientSampled :

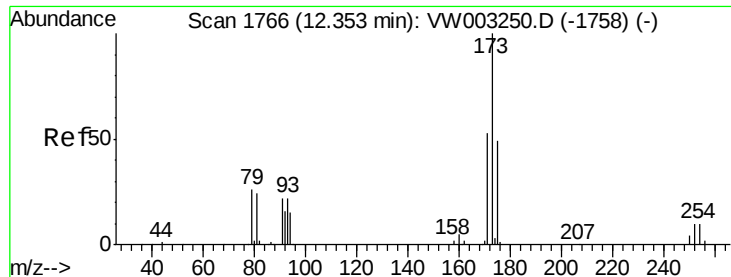
Tot Ion:106 Resp: 207939
Ion Ratio Lower Upper
106 100
91 217.5 108.6 325.6



#70
Styrene
Concen: 58.429 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion:104 Resp: 354952
Ion Ratio Lower Upper
104 100
78 50.8 41.3 61.9
103 55.7 45.0 67.4





#71

Bromoform

Concen: 59.453 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampled :

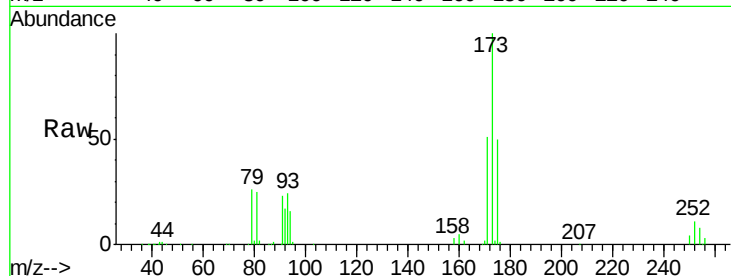
Tot Ion:173 Resp: 63282

Ion Ratio Lower Upper

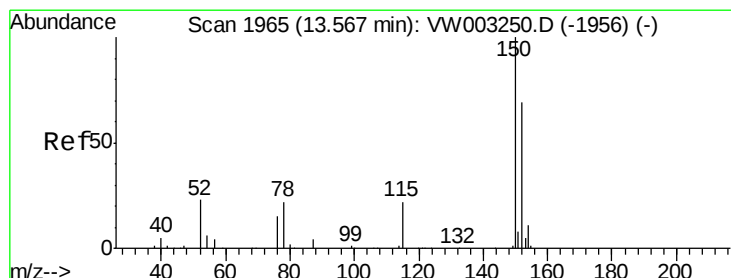
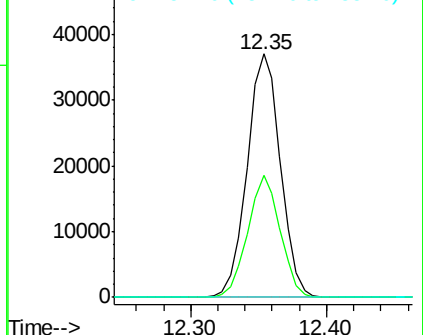
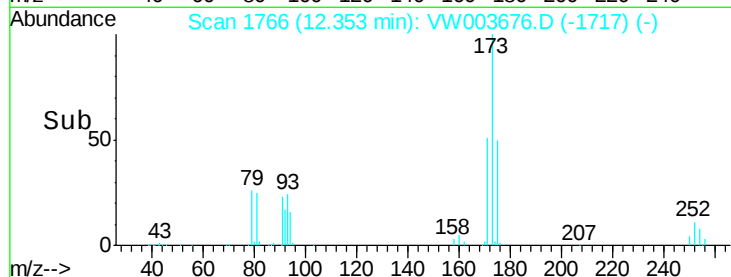
173 100

175 48.9 24.4 73.4

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

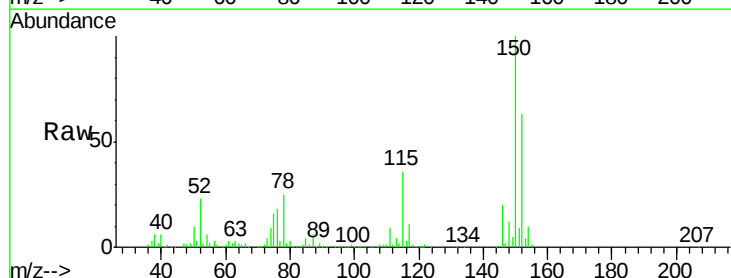
Tgt Ion:152 Resp: 154195

Ion Ratio Lower Upper

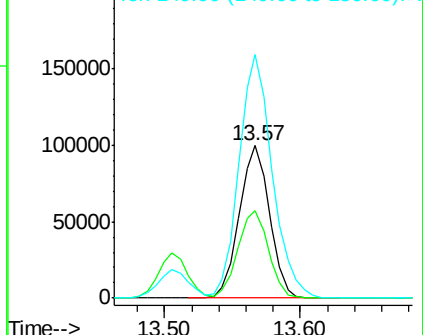
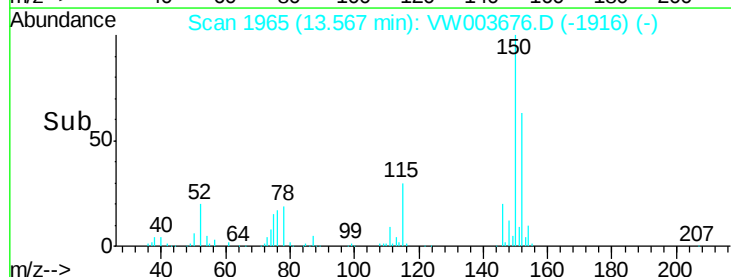
152 100

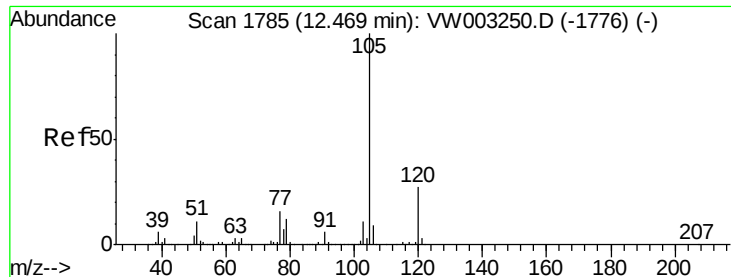
115 58.1 29.3 88.0

150 176.0 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.655 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

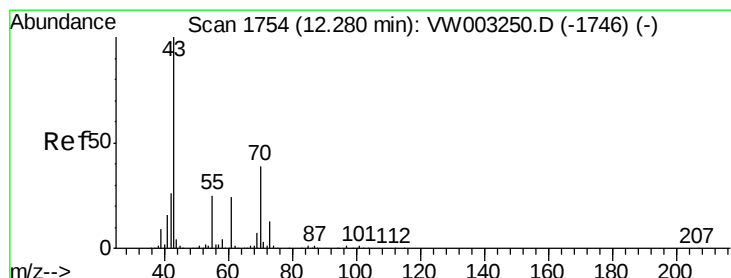
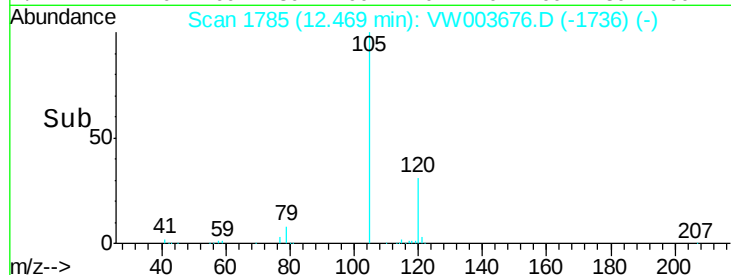
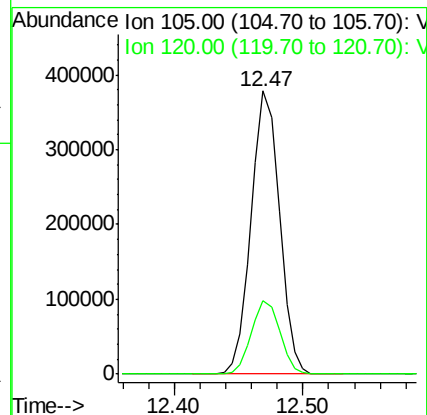
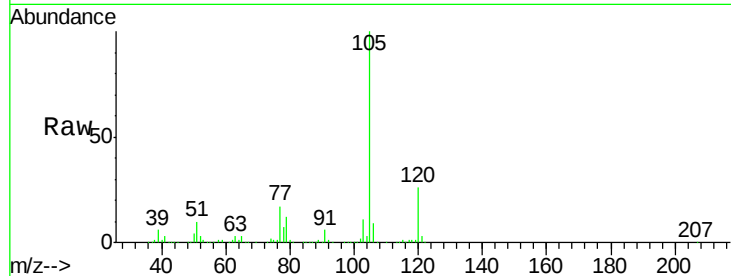
ClientSampleId :

Tot Ion:105 Resp: 575442

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 59.587 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tgt Ion: 43 Resp: 145459

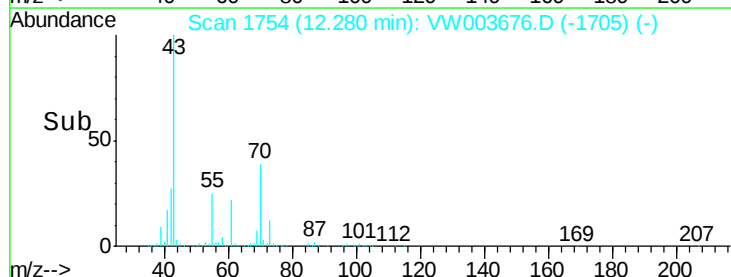
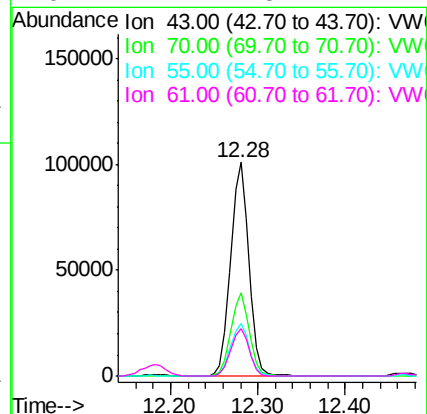
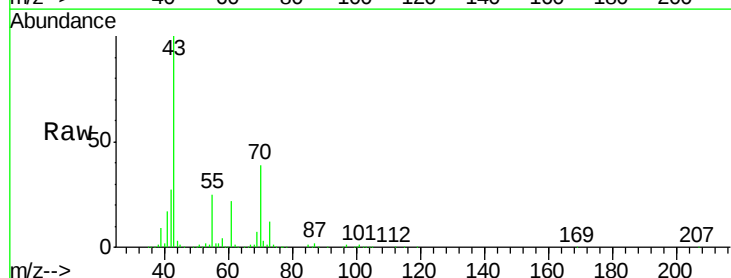
Ion Ratio Lower Upper

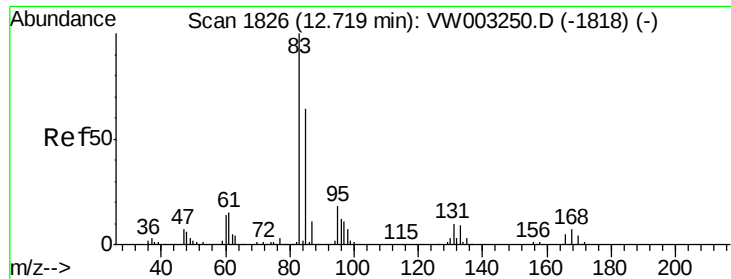
43 100

70 39.4 31.0 46.6

55 25.2 19.7 29.5

61 22.4 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 59.482 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

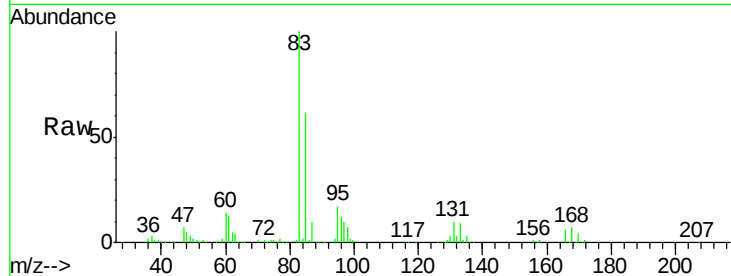
Tot Ion: 83 Resp: 107925

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

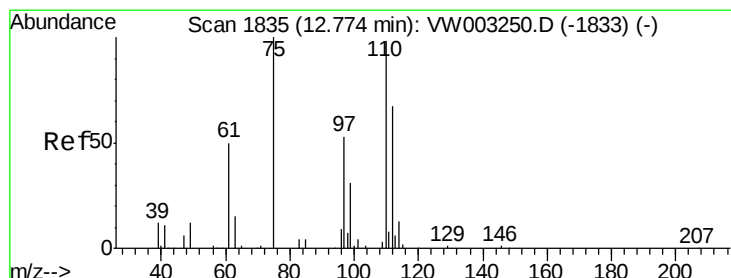
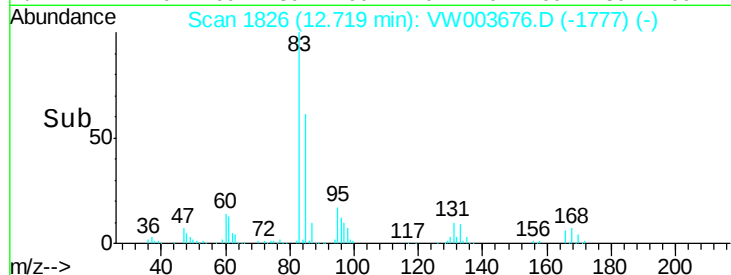
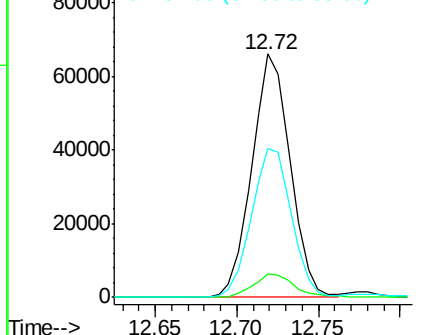
85 63.6 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 109.474 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003676.D

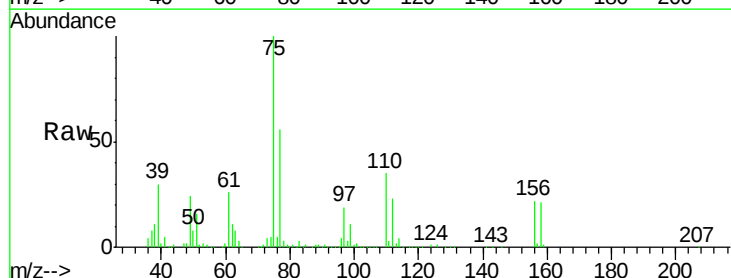
Acq: 29 Jun 2018 22:00

Tgt Ion: 75 Resp: 144307

Ion Ratio Lower Upper

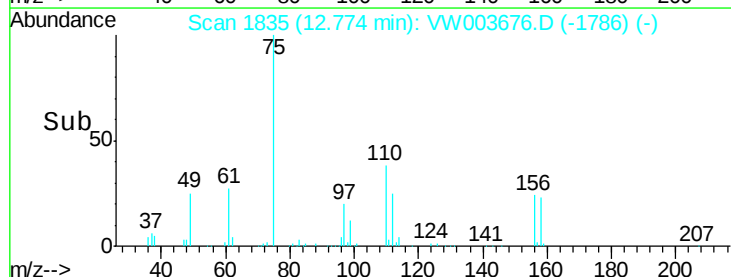
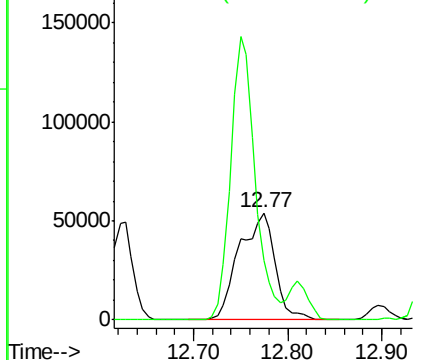
75 100

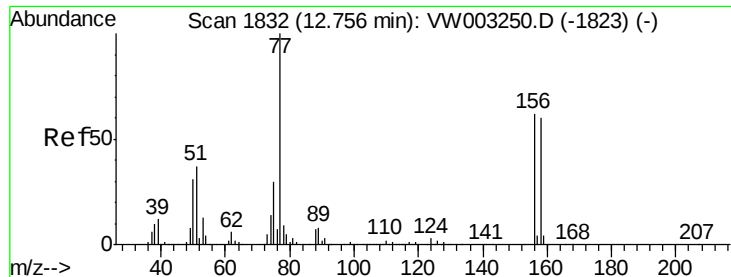
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 54.315 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampled :

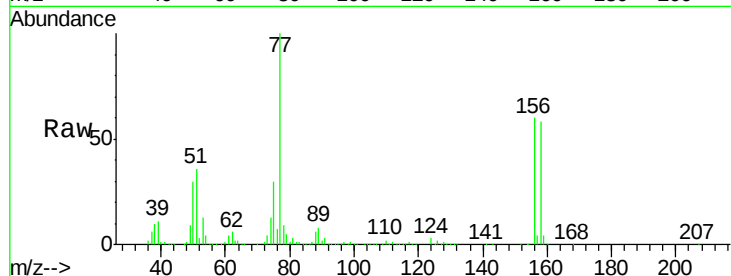
Tot Ion:156 Resp: 135663

Ion Ratio Lower Upper

156 100

77 191.1 92.3 276.9

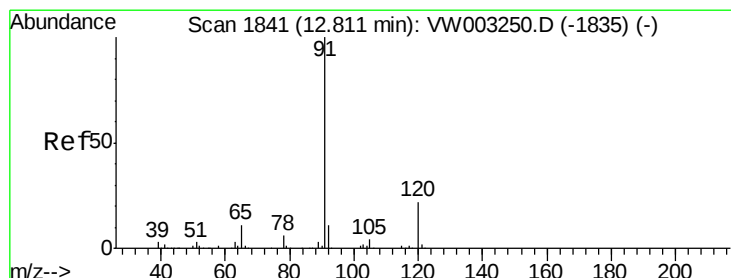
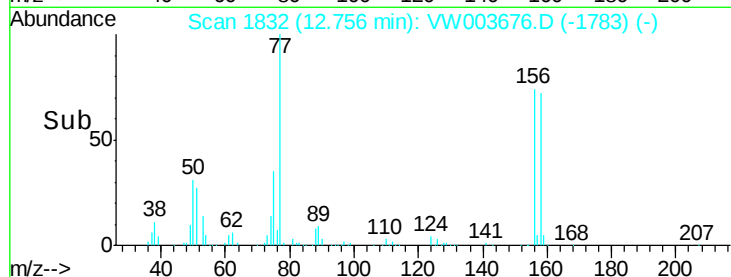
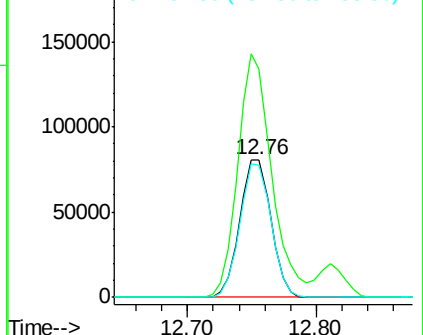
158 96.7 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.200 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003676.D

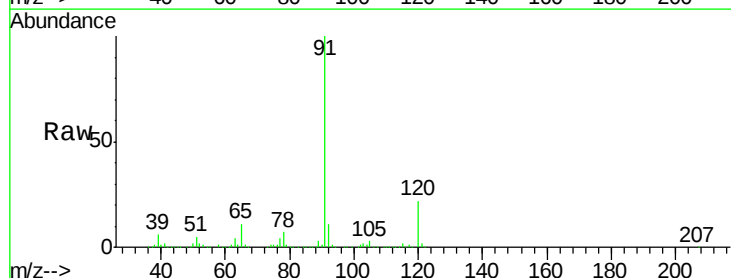
Acq: 29 Jun 2018 22:00

Tgt Ion: 91 Resp: 711779

Ion Ratio Lower Upper

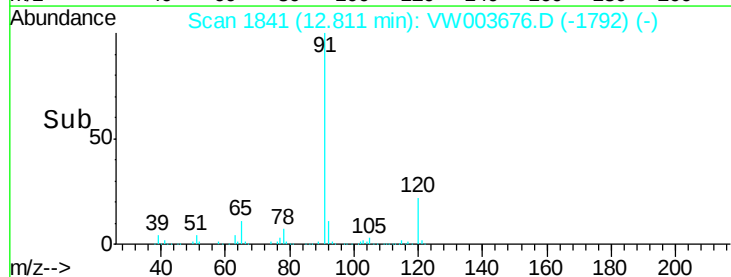
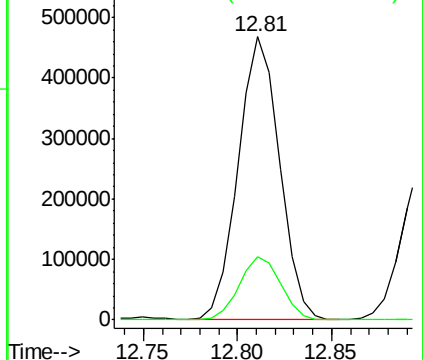
91 100

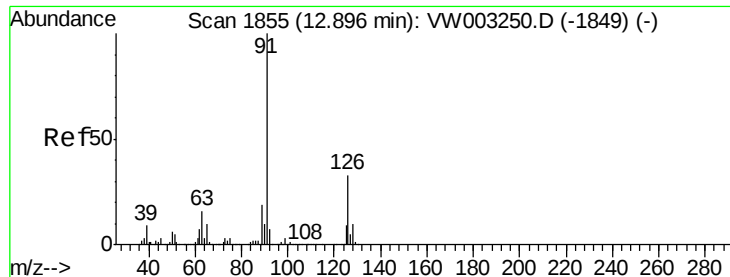
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.380 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

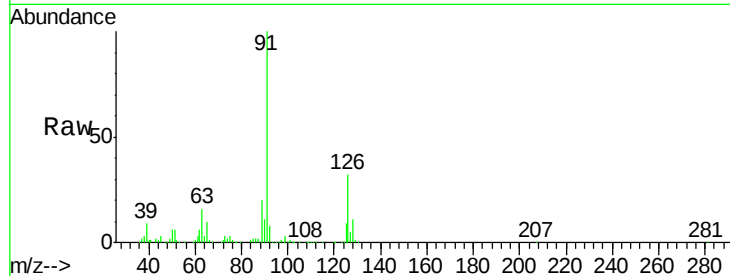
ClientSampleId :

Tot Ion: 91 Resp: 403573

Ion Ratio Lower Upper

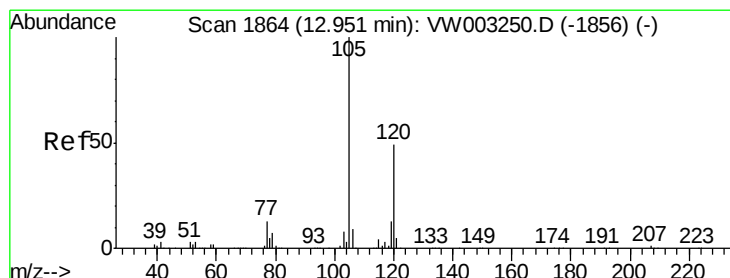
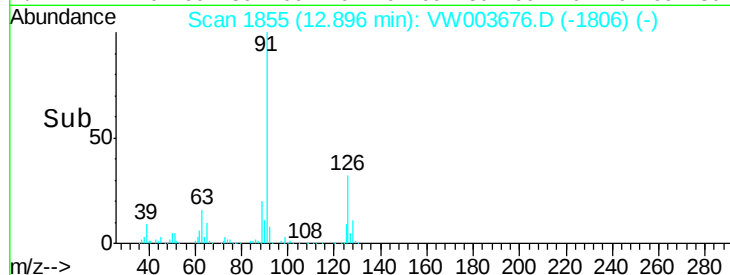
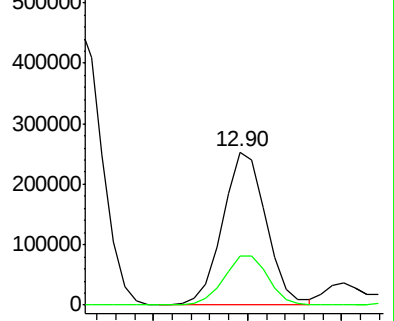
91 100

126 33.1 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.607 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003676.D

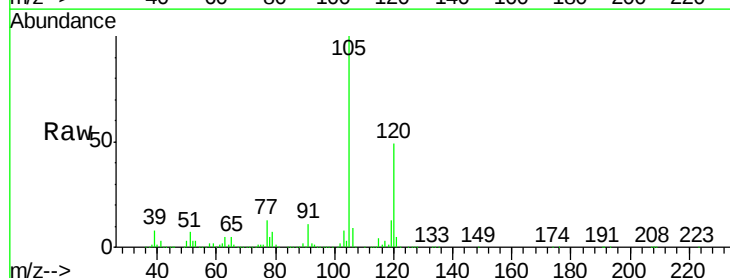
Acq: 29 Jun 2018 22:00

Tgt Ion:105 Resp: 491583

Ion Ratio Lower Upper

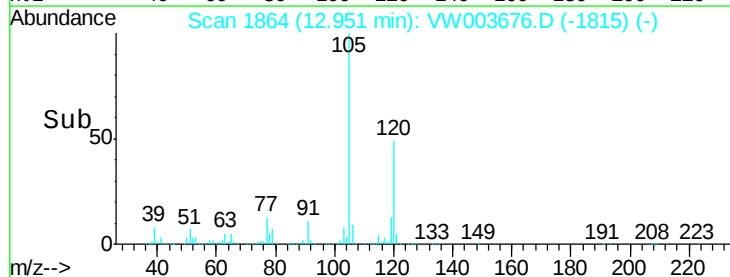
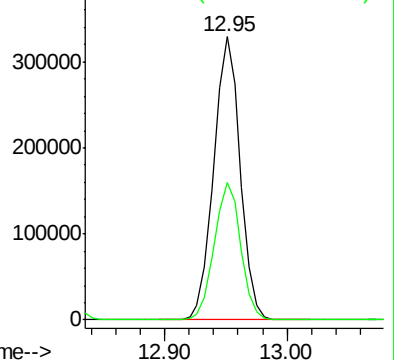
105 100

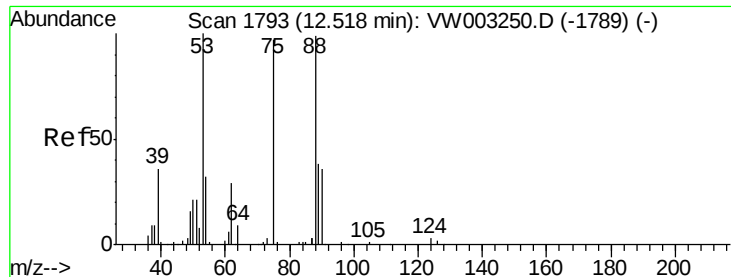
120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 56.788 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampled :

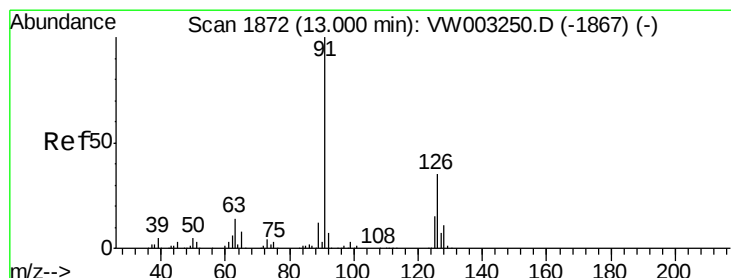
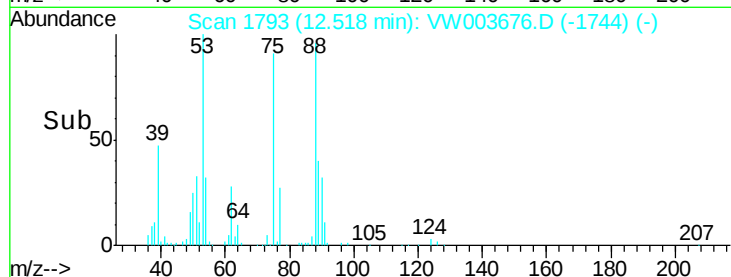
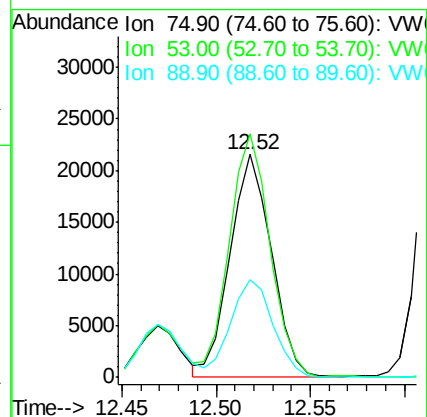
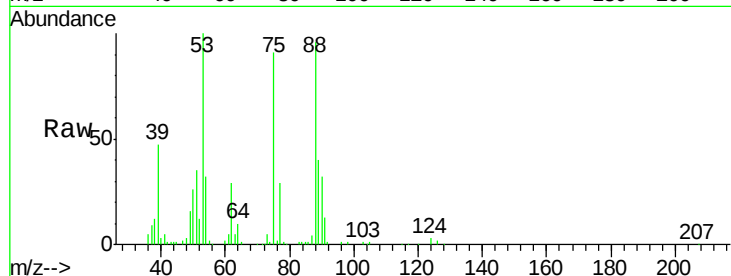
Tot Ion: 75 Resp: 32532

Ion Ratio Lower Upper

75 100

53 108.2 82.9 124.3

89 44.9 36.7 55.1



#82

4-Chlorotoluene

Concen: 53.871 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003676.D

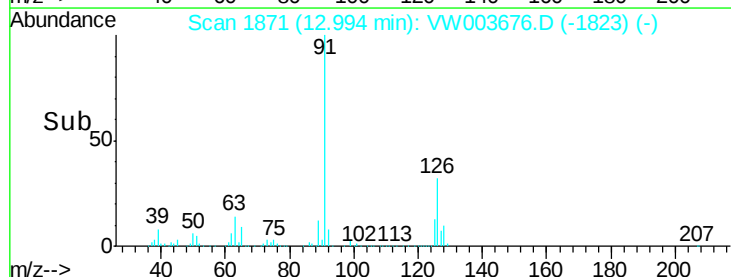
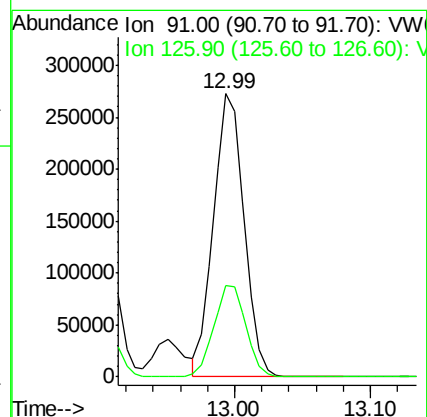
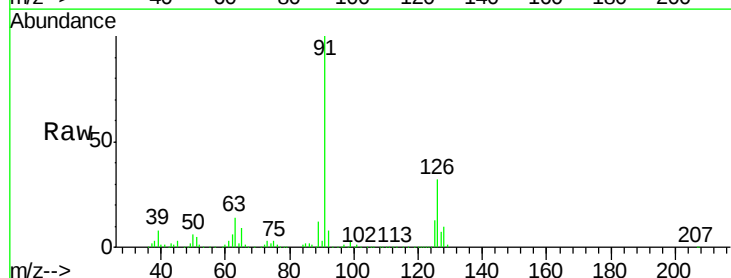
Acq: 29 Jun 2018 22:00

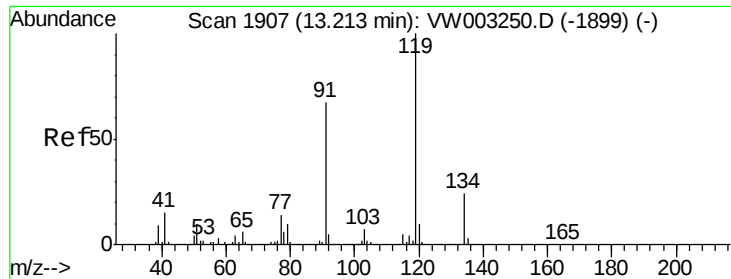
Tgt Ion: 91 Resp: 424119

Ion Ratio Lower Upper

91 100

126 33.8 16.8 50.3

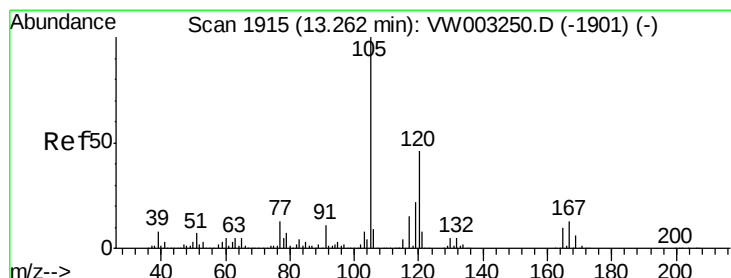
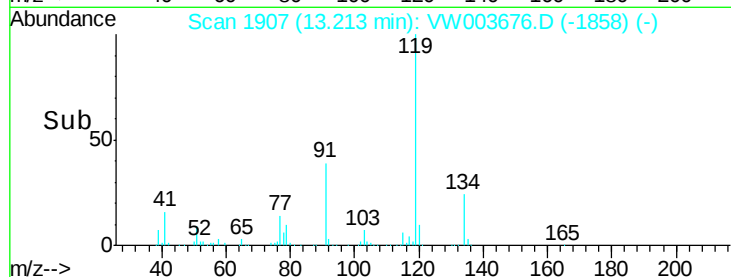
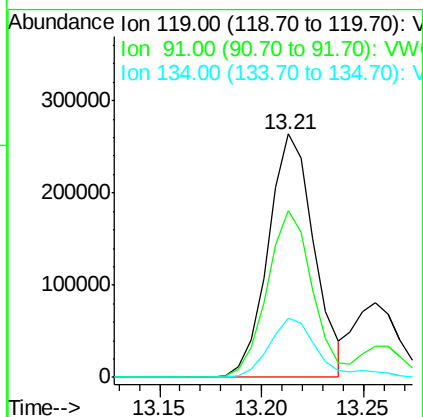
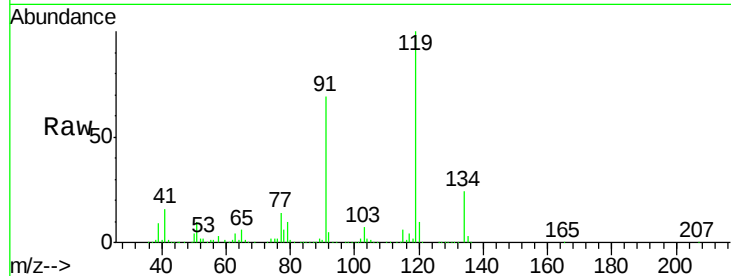




#83
tert-Butylbenzene
Concen: 54.005 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

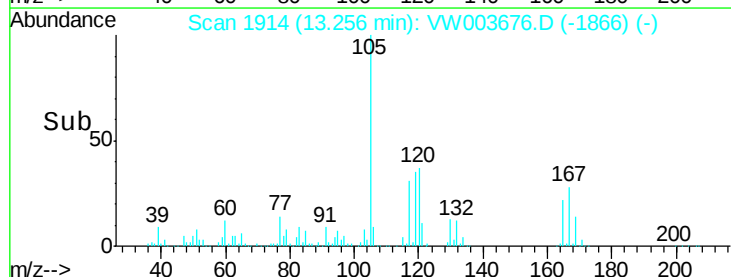
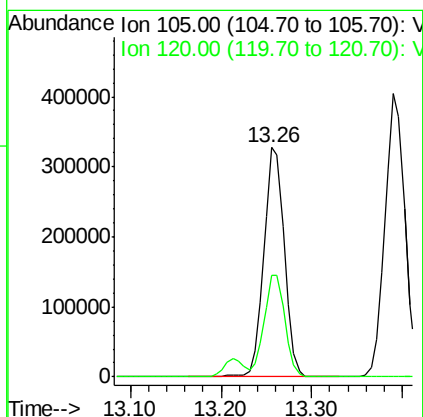
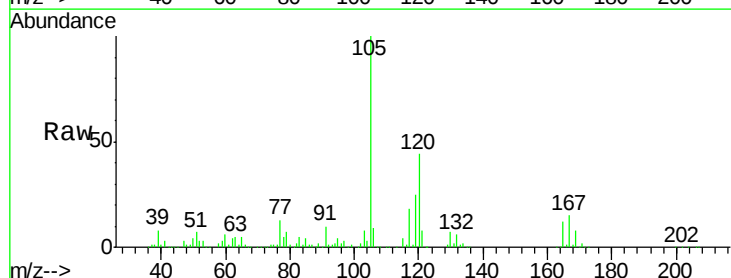
Instrument :
MSVOA_W
ClientSampleId :

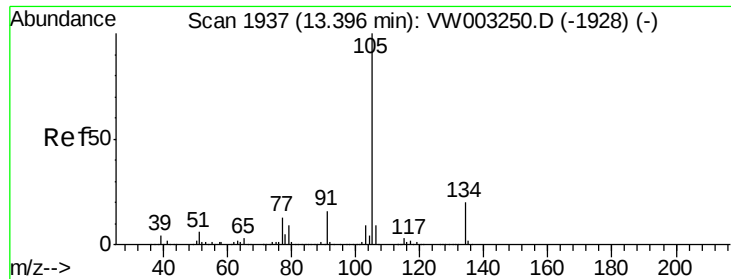
Tot Ion:119 Resp: 414317
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 26.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 55.258 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion:105 Resp: 511700
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5

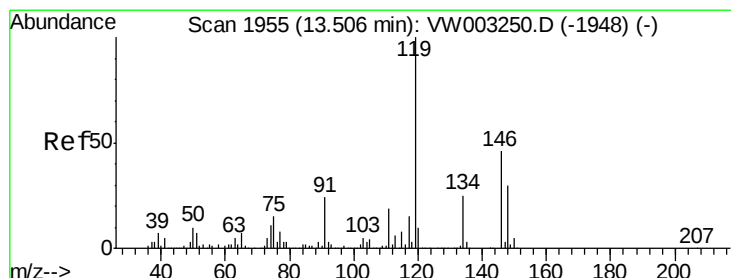
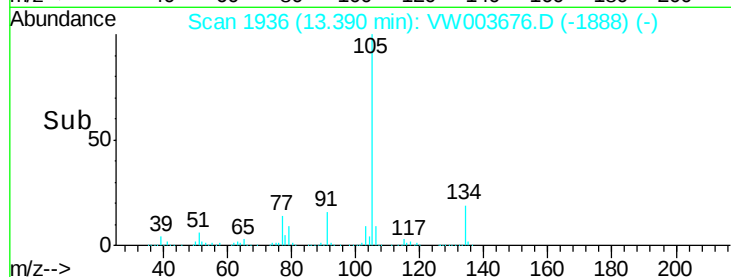
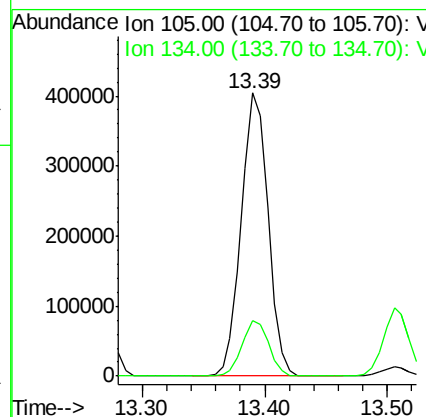
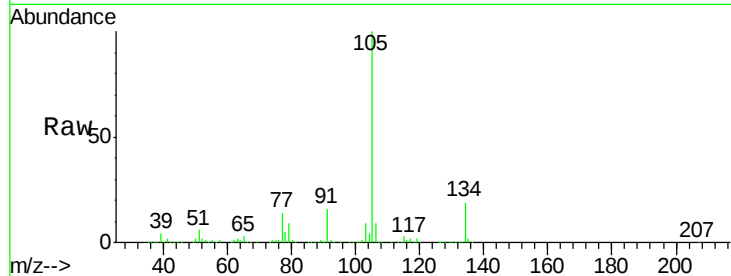




#85
 sec-Butylbenzene
 Concen: 53.767 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

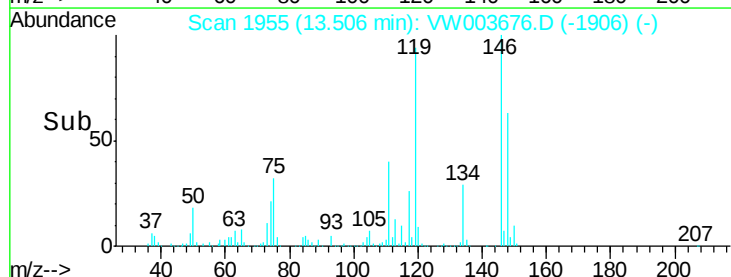
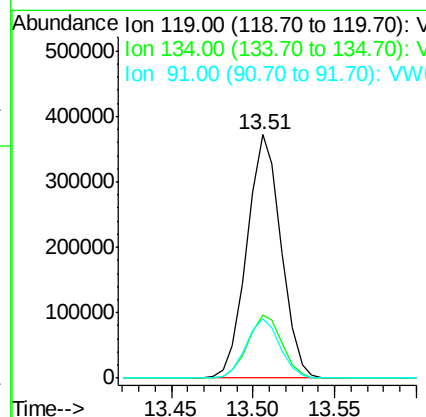
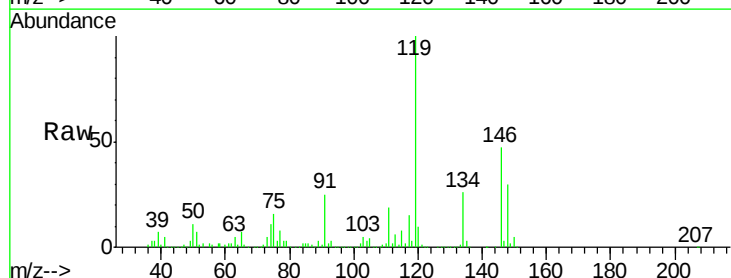
Instrument :
 MSVOA_W
 ClientSampleId :

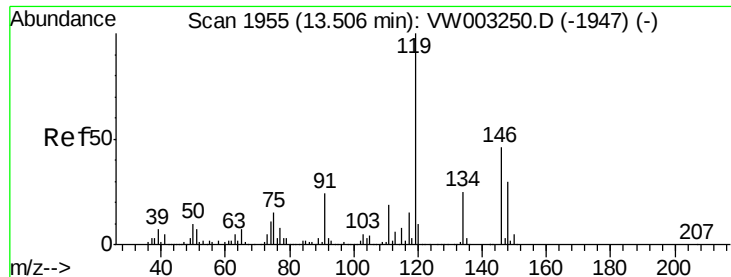
Tot Ion:105 Resp: 613130
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 53.851 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion:119 Resp: 541627
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 24.3 11.8 35.3

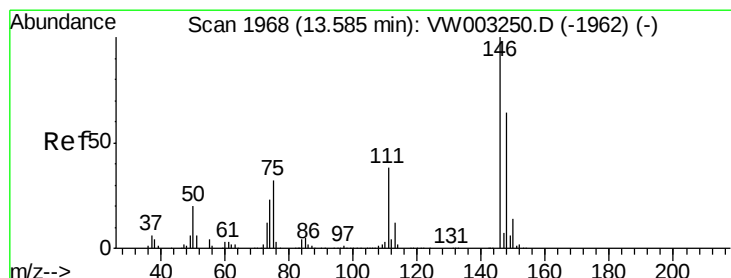
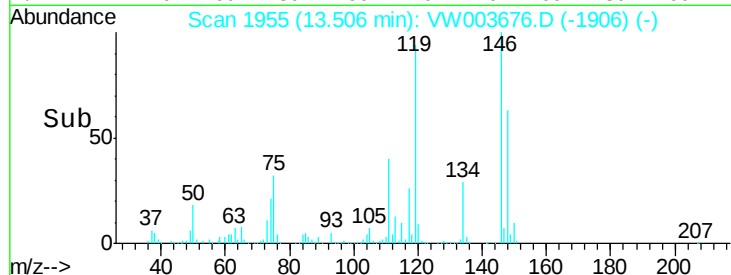
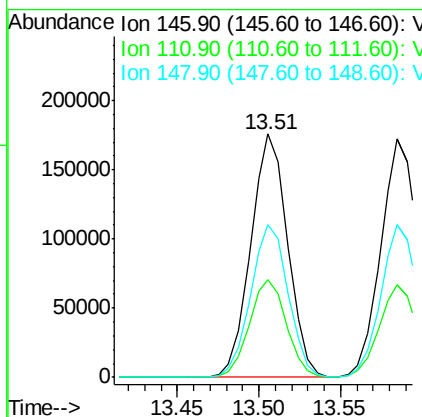
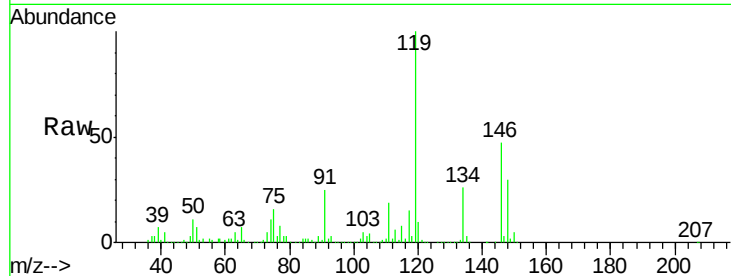




#87
 1,3-Dichlorobenzene
 Concen: 54.055 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

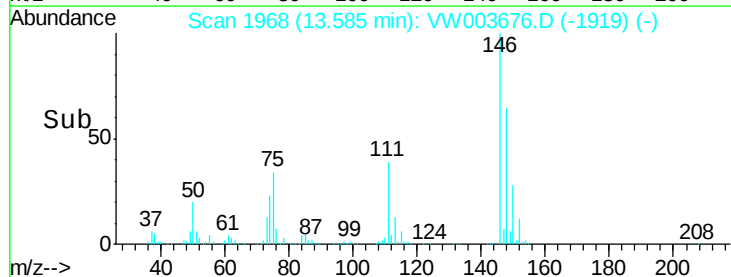
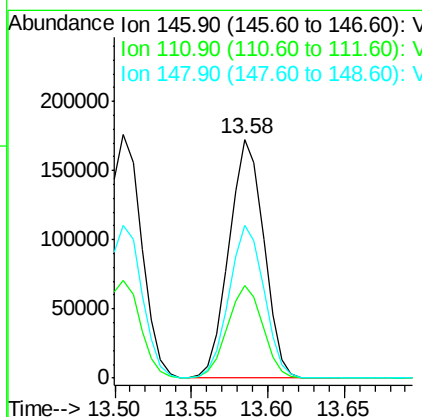
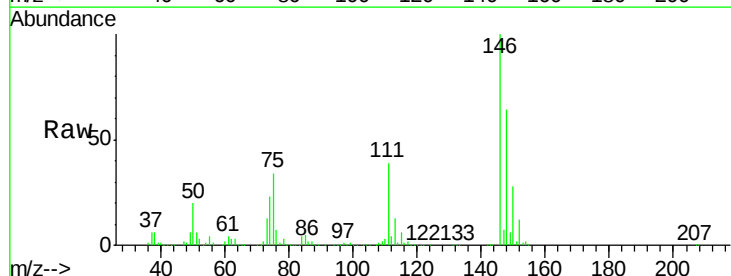
Instrument :
 MSVOA_W
 ClientSampled :

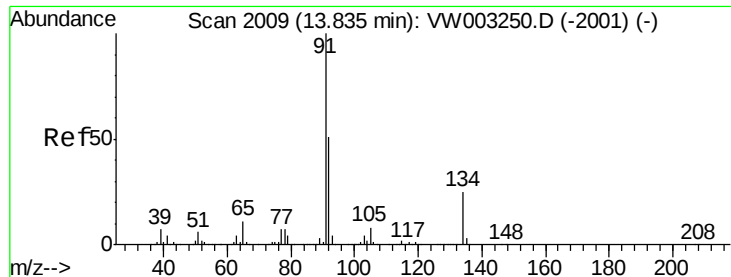
Tot Ion:146 Resp: 277361
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.8 59.4
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.517 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion:146 Resp: 272990
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.2 57.6
 148 64.2 31.8 95.4

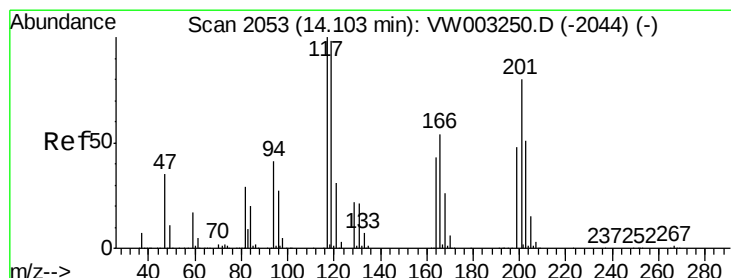
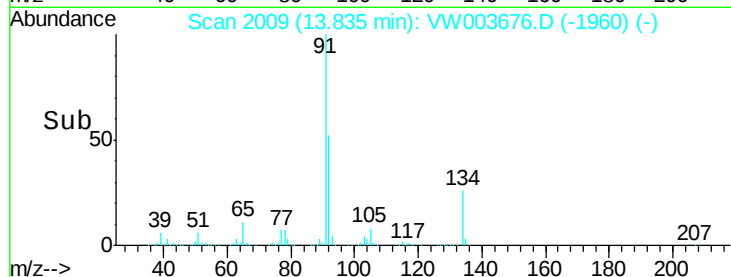
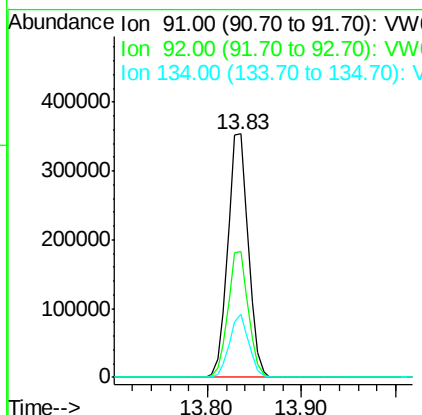
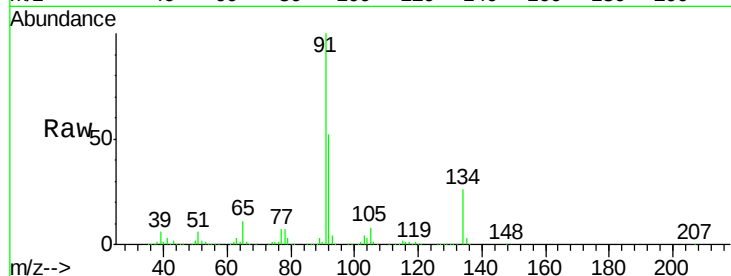




#89
n-Butylbenzene
Concen: 54.283 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

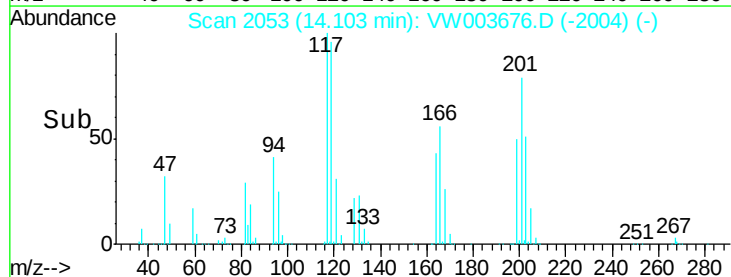
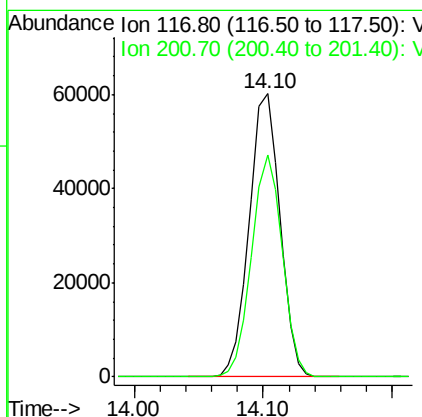
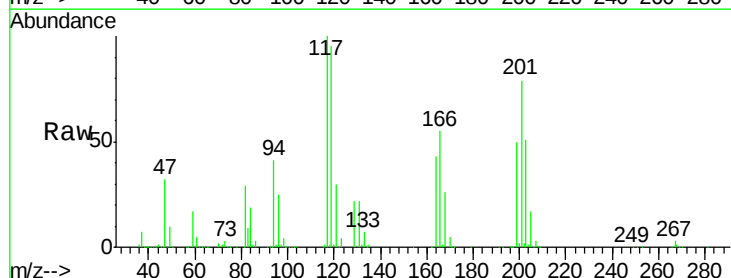
Instrument :
MSVOA_W
ClientSampled :

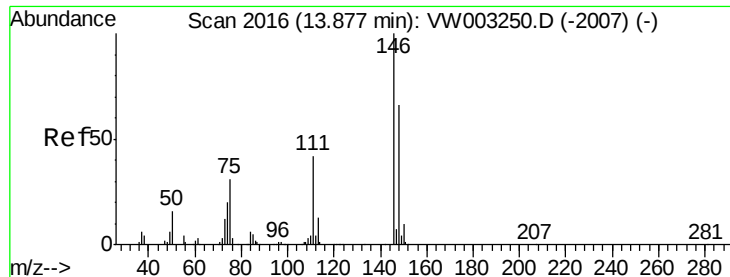
Tot Ion: 91 Resp: 532182
Ion Ratio Lower Upper
91 100
92 51.2 26.0 78.0
134 24.6 12.7 38.0



#90
Hexachloroethane
Concen: 54.540 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 117 Resp: 99233
Ion Ratio Lower Upper
117 100
201 78.0 39.5 118.5

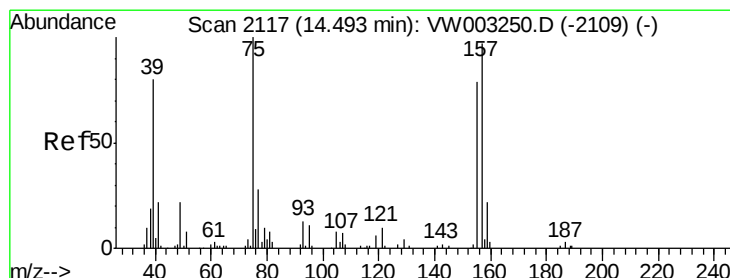
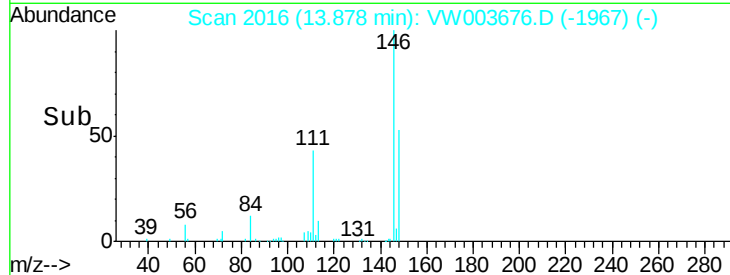
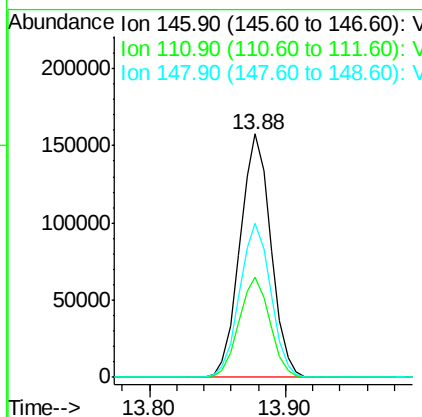
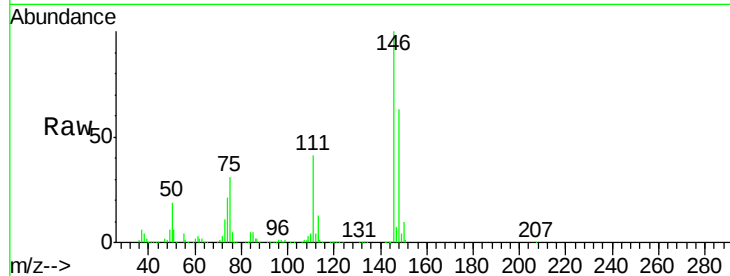




#91
 1,2-Dichlorobenzene
 Concen: 55.557 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

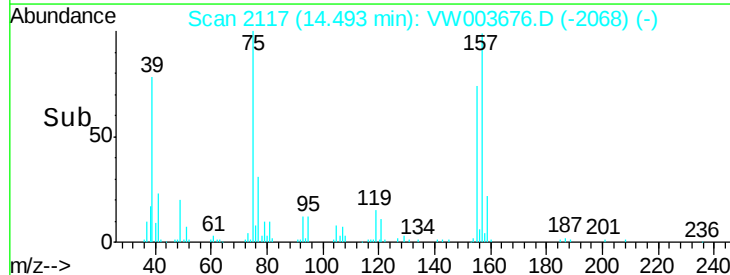
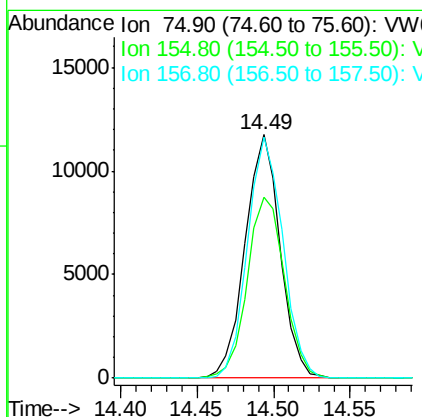
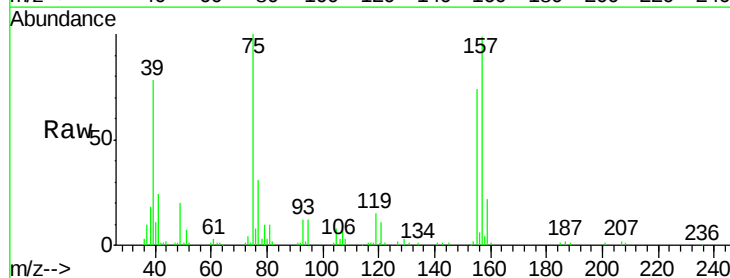
Instrument :
 MSVOA_W
 ClientSampleId :

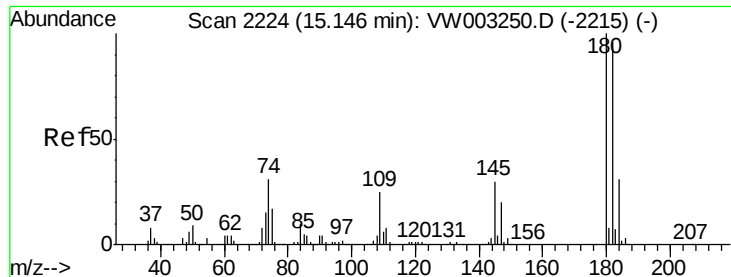
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	61.0
148	63.8	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.027 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	39.4	118.2
157	100.4	51.5	154.5

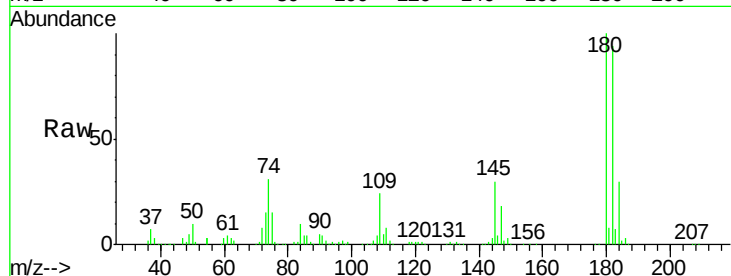




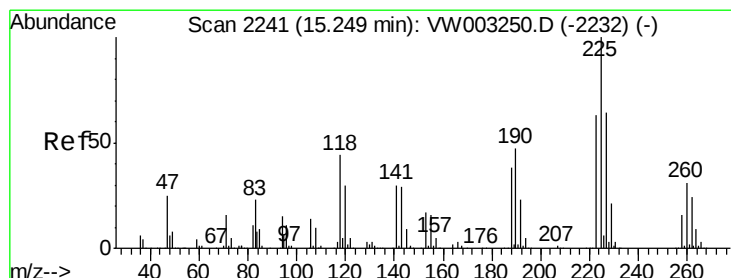
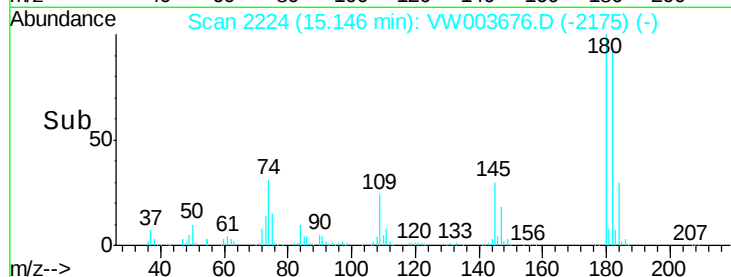
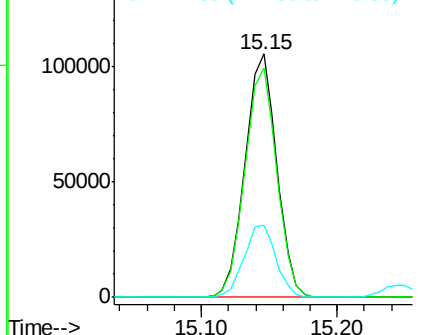
#93
 1,2,4-Trichlorobenzene
 Concen: 54.552 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.6
145	29.9	15.2	45.5

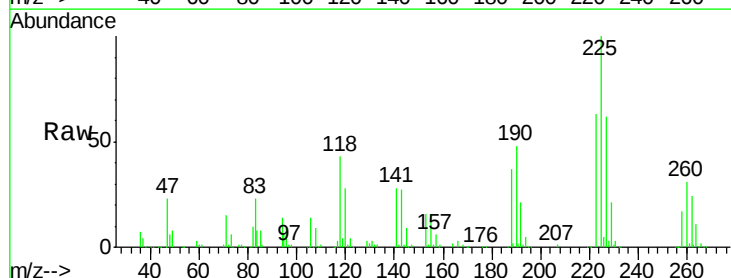


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

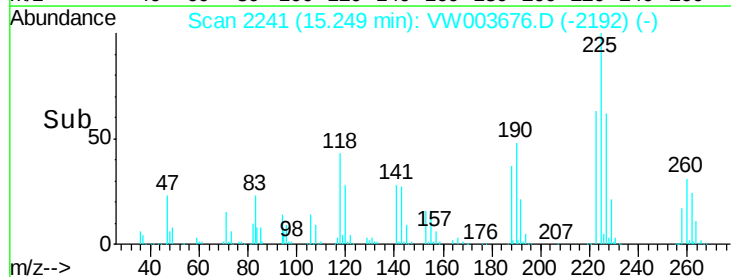
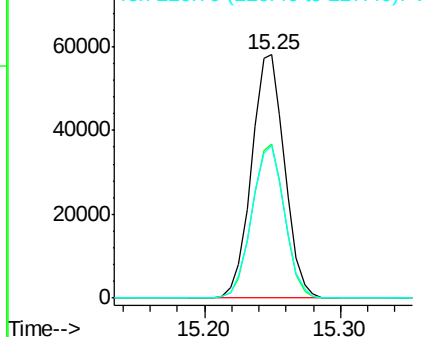


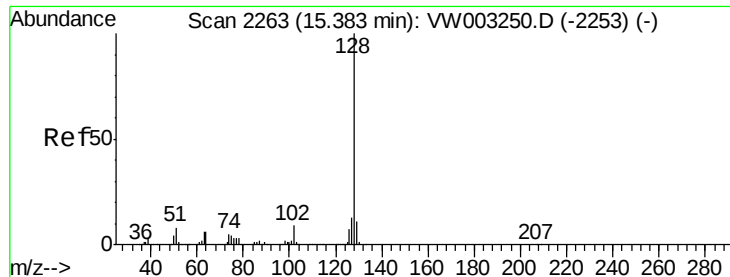
#94
 Hexachlorobutadiene
 Concen: 51.931 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.6	92.0
227	62.6	31.7	95.1



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

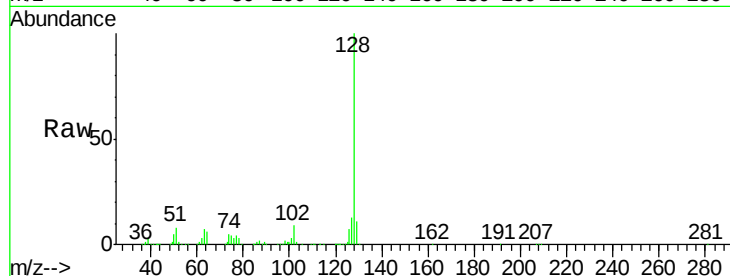




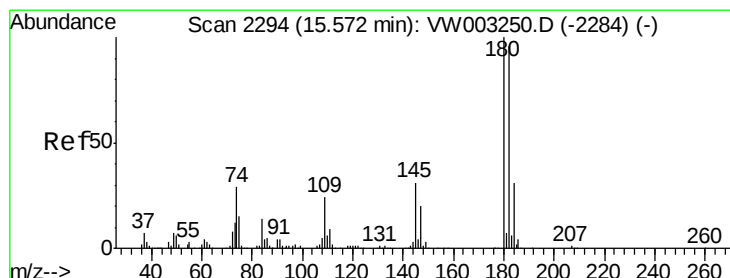
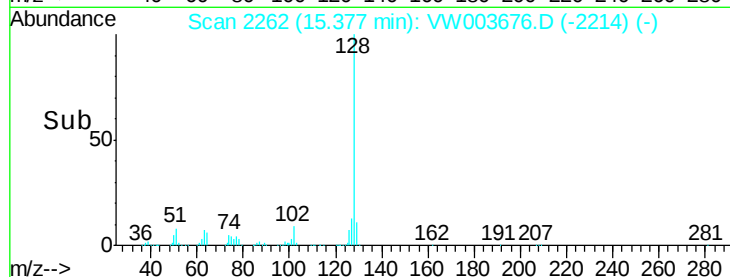
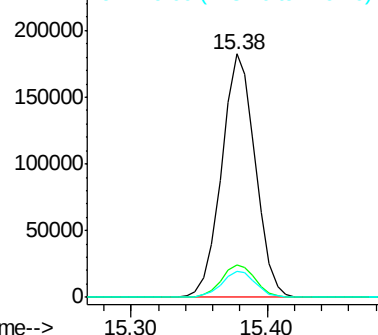
#95
Naphthalene
Concen: 59.095 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 316294
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.9 8.9 13.3

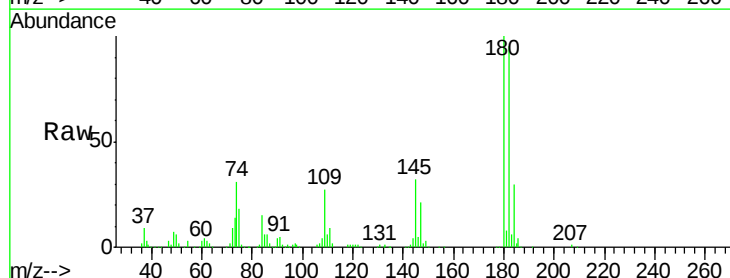


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 55.589 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion:180 Resp: 154390
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 31.6 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

