

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003873.D
 Acq On : 11 Jul 2018 19:41
 Operator : SY/AP
 Sample : VW0711SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 01:55:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138545	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
35) Dibromofluoromethane	7.88	113	117851	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
50) Toluene-d8	10.32	98	472101	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.62	95	170690	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	21357	19.782	ug/l	98
3) Chloromethane	2.20	50	40793	19.903	ug/l	90
4) Vinyl Chloride	2.36	62	55621	20.575	ug/l	100
5) Bromomethane	2.78	94	38360	20.102	ug/l	99
6) Chloroethane	2.92	64	33073	20.400	ug/l	95
7) Trichlorofluoromethane	3.25	101	24654	22.575	ug/l	100
8) Diethyl Ether	3.67	74	20136	17.991	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	39362	18.534	ug/l	98
10) Methyl Iodide	4.26	142	54792	17.332	ug/l	97
11) Tert butyl alcohol	5.23	59	15405	97.920	ug/l	98
12) 1,1-Dichloroethene	4.03	96	37753	18.104	ug/l	94
13) Acrolein	3.89	56	14511	61.755	ug/l	98
14) Allyl chloride	4.65	41	61907	17.075	ug/l	96
15) Acrylonitrile	5.38	53	59750	106.607	ug/l	99
16) Acetone	4.14	43	43484	86.336	ug/l	99
17) Carbon Disulfide	4.37	76	116279	17.008	ug/l	100
18) Methyl Acetate	4.67	43	22301	15.705	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	88252	20.480	ug/l	100
20) Methylene Chloride	4.91	84	76624	29.412	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	51629	20.913	ug/l	98
22) Diisopropyl ether	6.31	45	167994	21.077	ug/l	98
23) Vinyl Acetate	6.26	43	506198	104.035	ug/l	98
24) 1,1-Dichloroethane	6.21	63	98101	20.350	ug/l	100
25) 2-Butanone	7.18	43	78686	99.745	ug/l	98
26) 2,2-Dichloropropane	7.17	77	55945	21.396	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56031	20.524	ug/l	100
28) Bromochloromethane	7.51	49	43998	20.488	ug/l	98
29) Tetrahydrofuran	7.54	42	50364	99.314	ug/l	98
30) Chloroform	7.67	83	101001	20.538	ug/l	95
31) Cyclohexane	7.95	56	90553	21.376	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	78212	20.897	ug/l	100
36) 1,1-Dichloropropene	8.08	75	79711	21.581	ug/l	100
37) Ethyl Acetate	7.26	43	36894	20.529	ug/l	99
38) Carbon Tetrachloride	8.07	117	75660	21.545	ug/l	97

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Quant Time: Jul 12 01:55:11 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89079	22.021	ug/l	99
40) Benzene	8.32	78	223004	21.119	ug/l	100
41) Methacrylonitrile	7.49	41	19964	19.311	ug/l	99
42) 1,2-Dichloroethane	8.40	62	70954	20.762	ug/l	100
43) Isopropyl Acetate	8.43	43	66513	19.527	ug/l	98
44) Trichloroethene	9.09	130	56455	21.207	ug/l	97
45) 1,2-Dichloropropane	9.37	63	57423	20.915	ug/l	97
46) Dibromomethane	9.46	93	29578	20.488	ug/l	99
47) Bromodichloromethane	9.65	83	72501	20.414	ug/l	98
48) Methyl methacrylate	9.44	41	32651	20.128	ug/l	98
49) 1,4-Dioxane	9.48	88	8372	388.018	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	180682	102.510	ug/l	98
52) Toluene	10.39	92	140504	21.459	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73321	20.677	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	83312	20.812	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41230	20.563	ug/l	95
56) Ethyl methacrylate	10.65	69	49301	20.149	ug/l	97
57) 1,3-Dichloropropane	10.94	76	72819	20.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	108638	93.054	ug/l	100
59) 2-Hexanone	10.98	43	123206	101.794	ug/l	99
60) Dibromochloromethane	11.13	129	46314	19.788	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38808	20.239	ug/l	100
64) Tetrachloroethene	10.87	164	48640	20.542	ug/l	99
65) Chlorobenzene	11.66	112	151545	21.475	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50669	20.547	ug/l	99
67) Ethyl Benzene	11.74	91	262787	21.778	ug/l	100
68) m/p-Xylenes	11.84	106	204578	44.274	ug/l	98
69) o-Xylene	12.17	106	94788	22.232	ug/l	98
70) Styrene	12.19	104	160405	22.124	ug/l	100
71) Bromoform	12.35	173	28128	20.668	ug/l #	100
73) Isopropylbenzene	12.47	105	260644	22.209	ug/l	99
74) N-amyl acetate	12.28	43	65273	20.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49950	20.995	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67169	39.471	ug/l #	100
77) Bromobenzene	12.75	156	61549	21.125	ug/l	99
78) n-propylbenzene	12.81	91	332331	22.558	ug/l	100
79) 2-Chlorotoluene	12.90	91	184579	21.808	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	226743	22.417	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	14582	20.962	ug/l	97
82) 4-Chlorotoluene	12.99	91	201858	22.179	ug/l	99
83) tert-Butylbenzene	13.21	119	185843	22.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	234129	22.281	ug/l	99
85) sec-Butylbenzene	13.39	105	278248	22.297	ug/l	100
86) p-Isopropyltoluene	13.51	119	244598	22.431	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127324	21.569	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	125359	21.118	ug/l	99
89) n-Butylbenzene	13.84	91	236519	22.051	ug/l	99
90) Hexachloroethane	14.10	117	43932	20.915	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	113361	21.336	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8262	20.062	ug/l	98

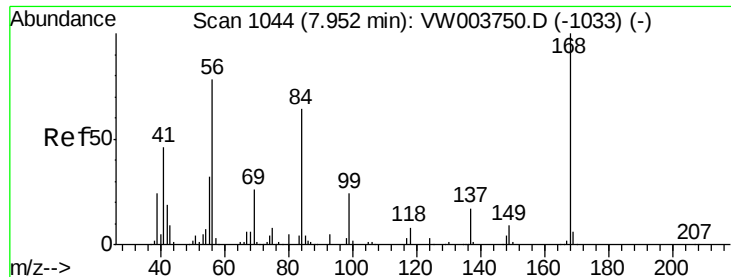
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76410	21.247	ug/l	99
94) Hexachlorobutadiene	15.24	225	43744	21.265	ug/l	97
95) Naphthalene	15.38	128	136926	21.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69242	21.503	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: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

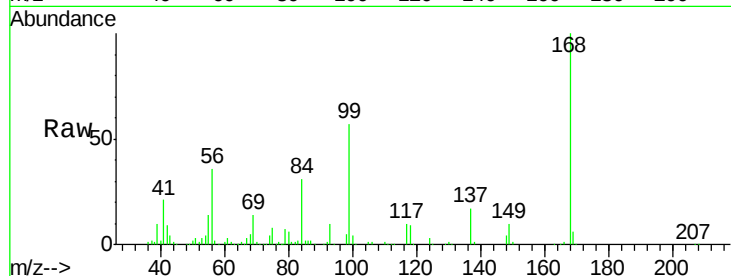
ClientSampleId :

Tot Ion:168 Resp: 221989

Ion Ratio Lower Upper

168 100

99 57.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

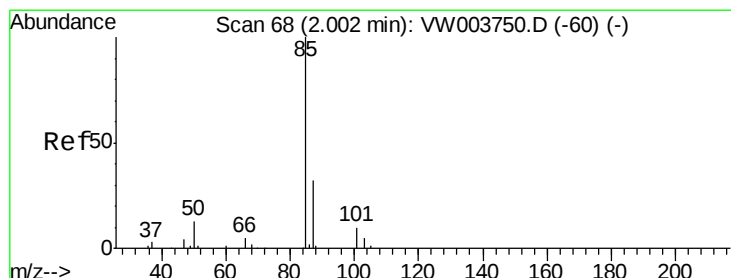
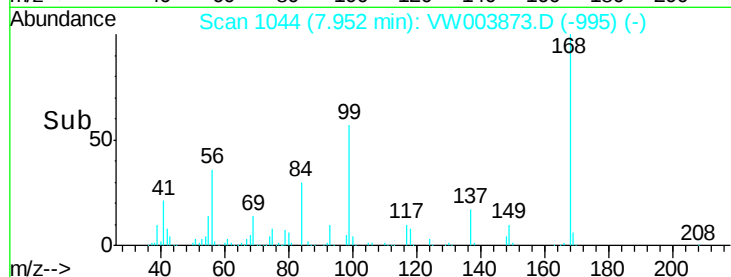
20000

0

Time--> 7.80

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 19.782 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003873.D

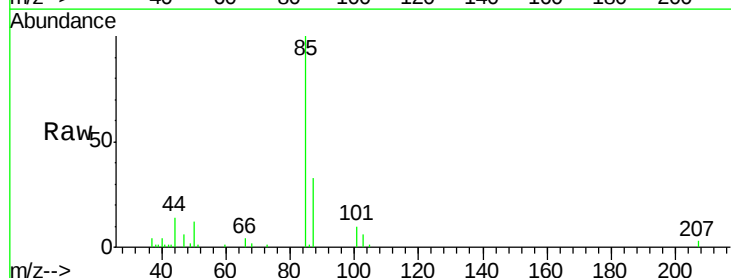
Acq: 11 Jul 2018 19:41

Tgt Ion: 85 Resp: 21357

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

6000

4000

2000

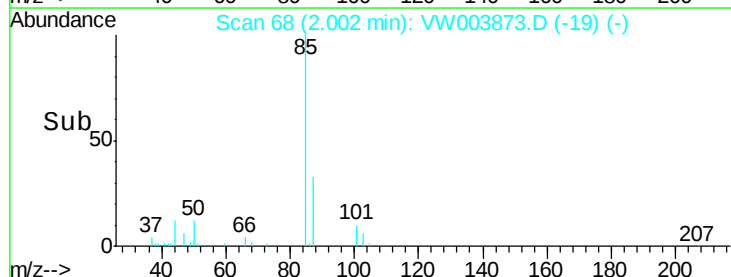
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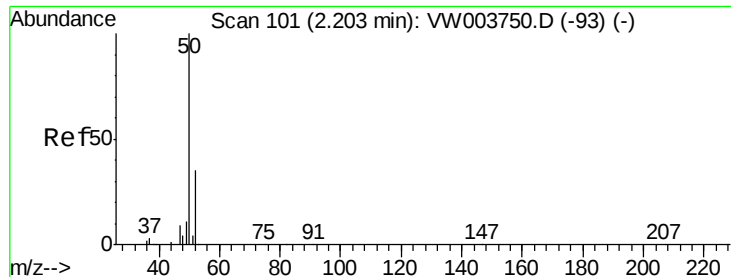
Time--> 1.90

2.00

2.10

2.20





#3

Chloromethane

Concen: 19.903 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

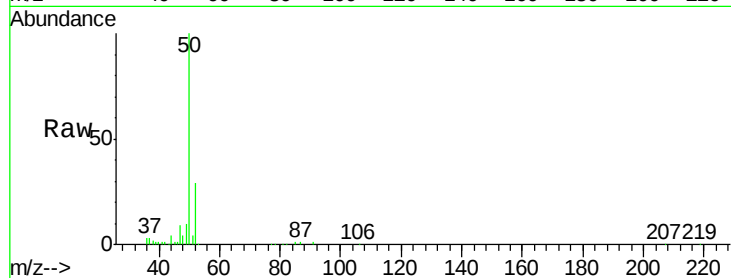
ClientSampled :

Tot Ion: 50 Resp: 40793

Ion Ratio Lower Upper

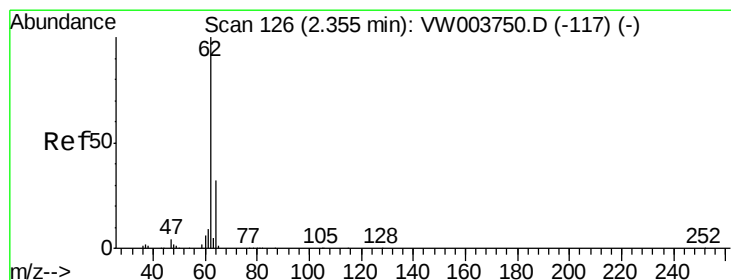
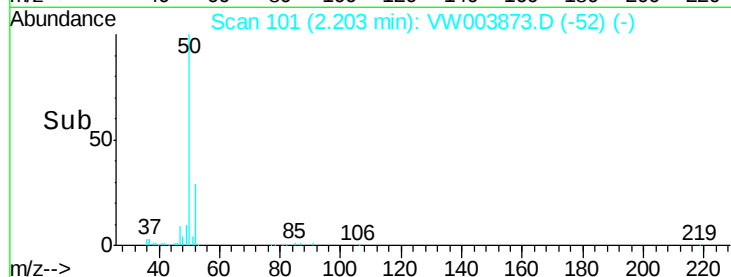
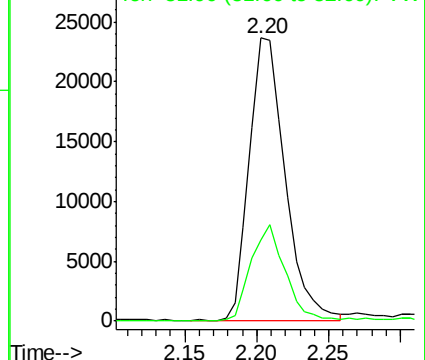
50 100

52 28.9 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.575 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003873.D

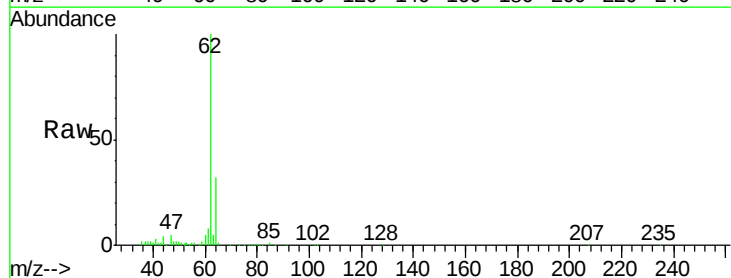
Acq: 11 Jul 2018 19:41

Tgt Ion: 62 Resp: 55621

Ion Ratio Lower Upper

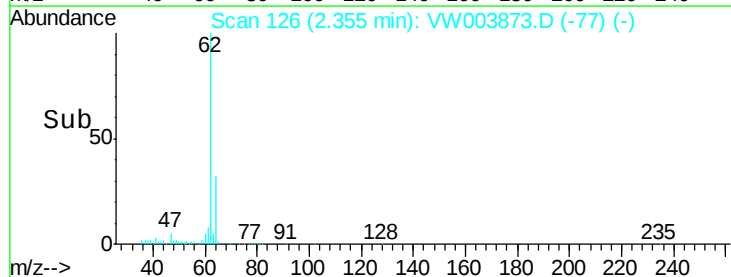
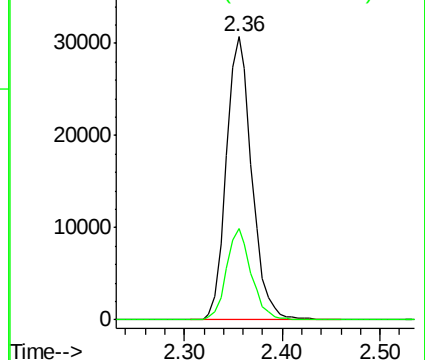
62 100

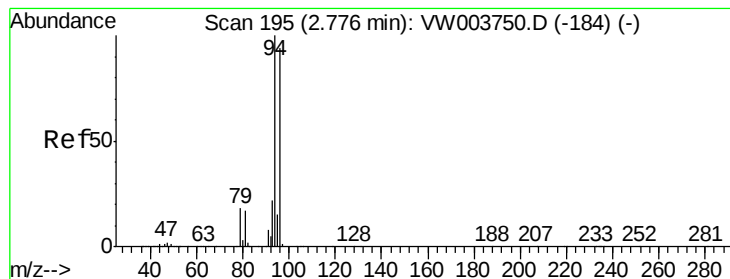
64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 20.102 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

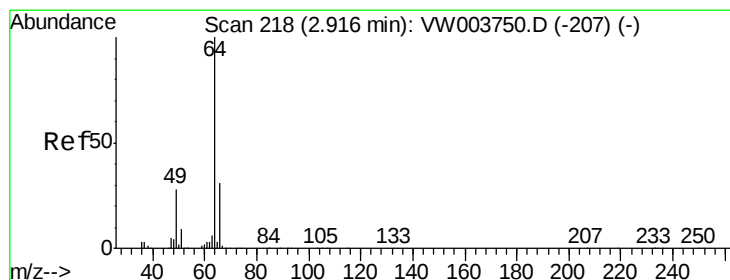
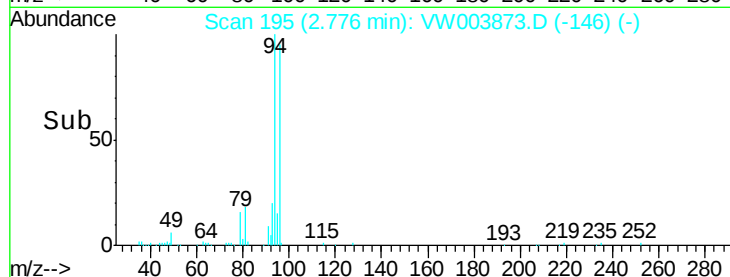
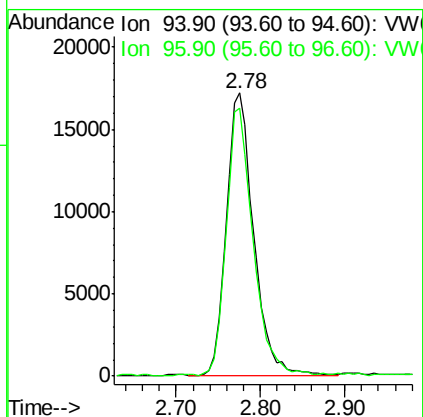
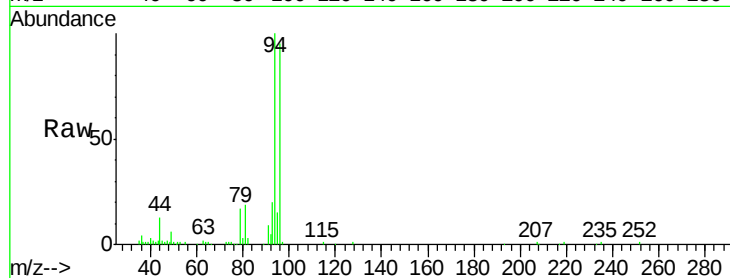
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 38360

Ion Ratio Lower Upper

94 100

96 94.1 74.8 112.2



#6

Chloroethane

Concen: 20.400 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003873.D

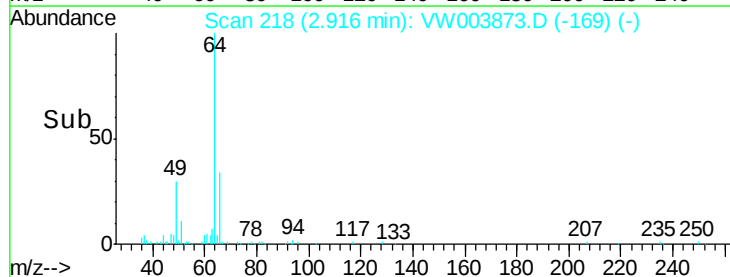
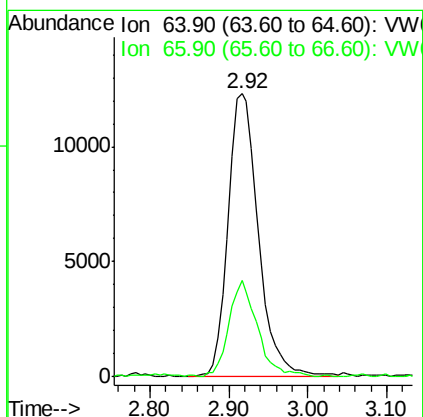
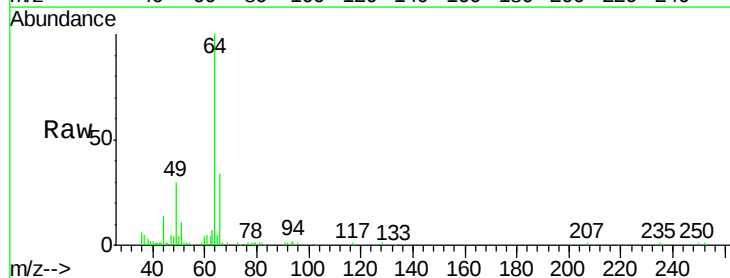
Acq: 11 Jul 2018 19:41

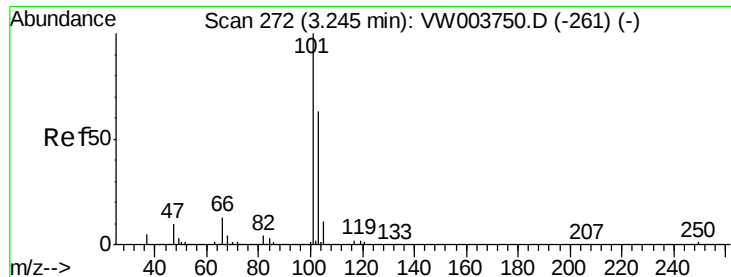
Tgt Ion: 64 Resp: 33073

Ion Ratio Lower Upper

64 100

66 34.0 25.1 37.7



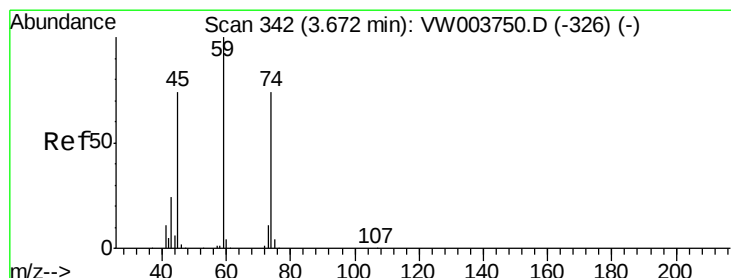
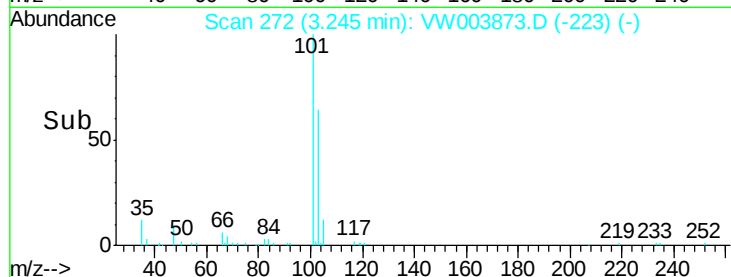
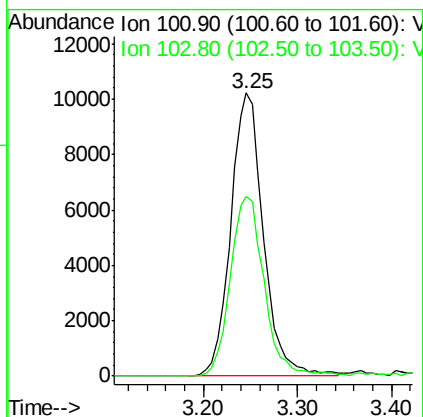
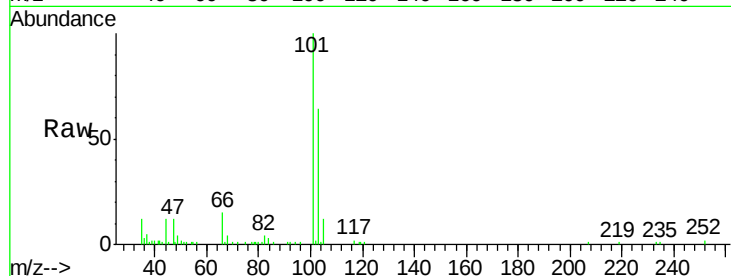


#7

Trichlorofluoromethane
 Concen: 22.575 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampled :

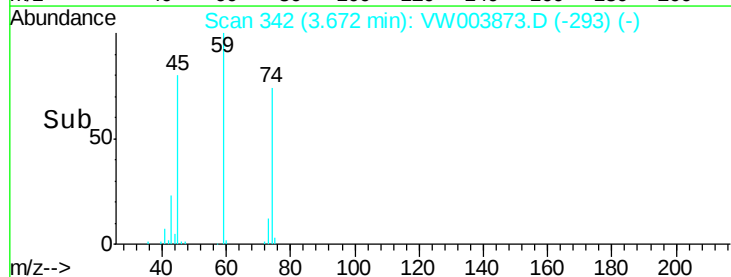
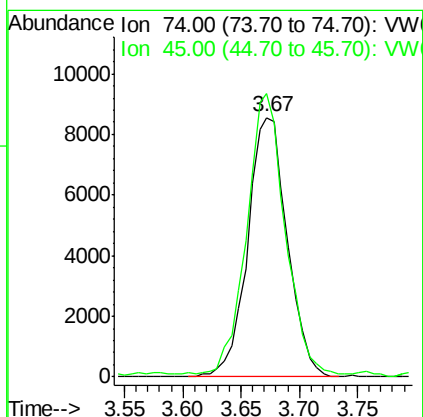
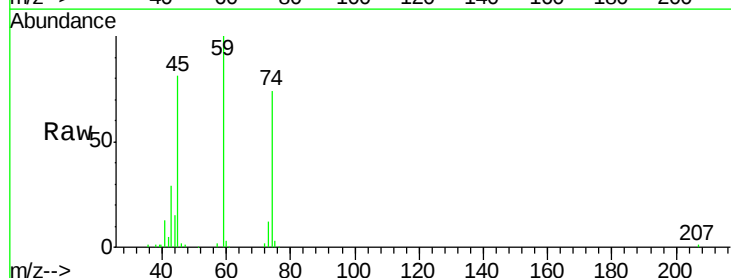
Tot Ion:101 Resp: 24654
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1

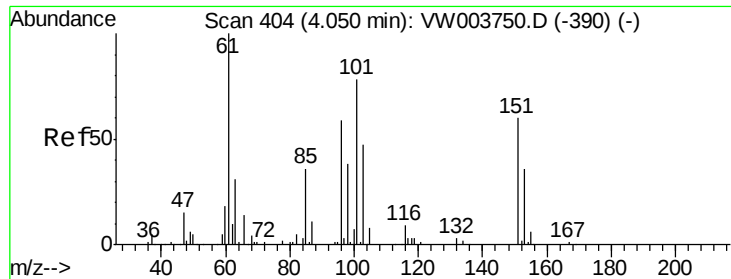


#8

Diethyl Ether
 Concen: 17.991 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion: 74 Resp: 20136
 Ion Ratio Lower Upper
 74 100
 45 105.2 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.534 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

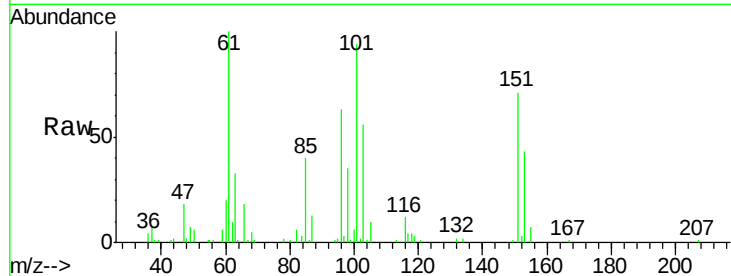
Tot Ion:101 Resp: 39362

Ion Ratio Lower Upper

101 100

85 45.7 37.1 55.7

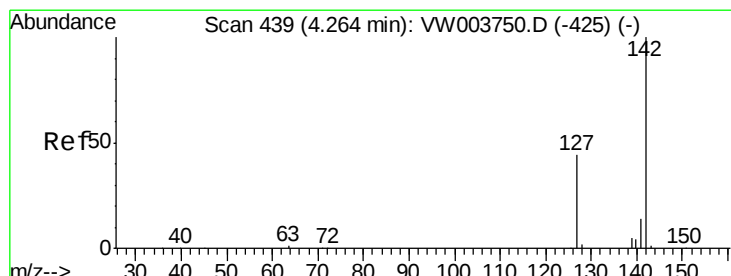
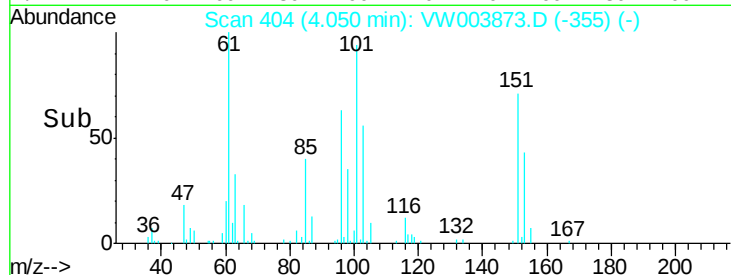
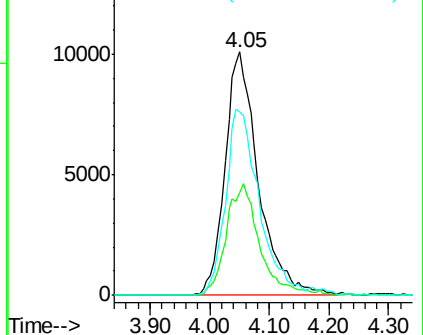
151 76.3 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.332 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

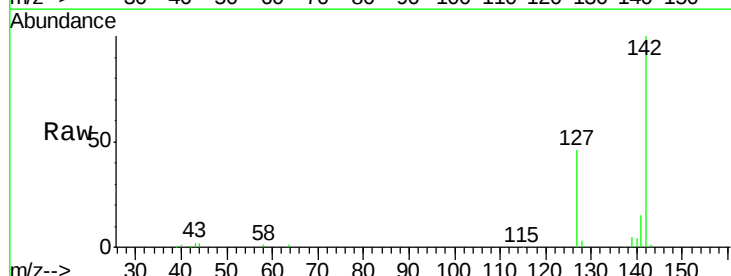
Tgt Ion:142 Resp: 54792

Ion Ratio Lower Upper

142 100

127 47.4 36.1 54.1

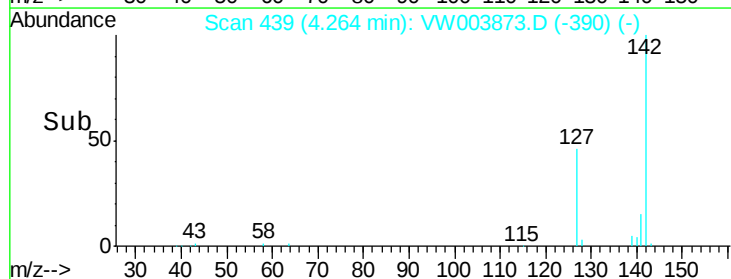
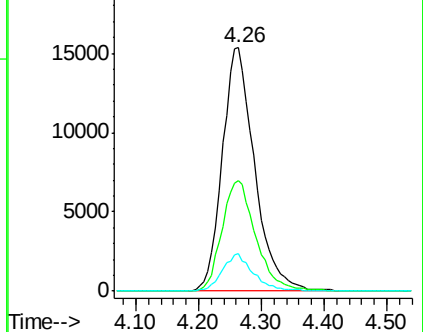
141 14.7 11.6 17.4

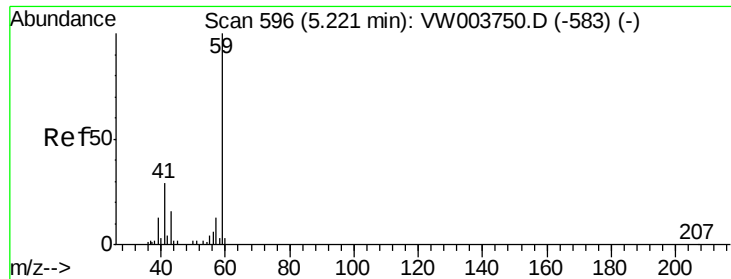


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



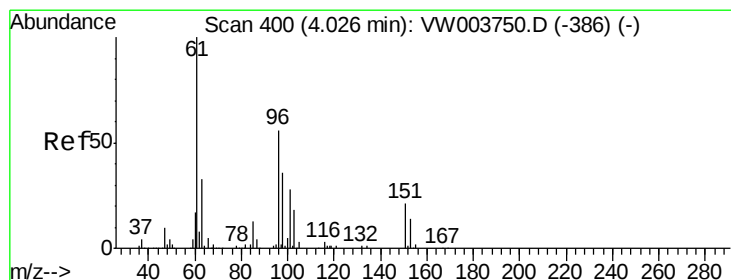
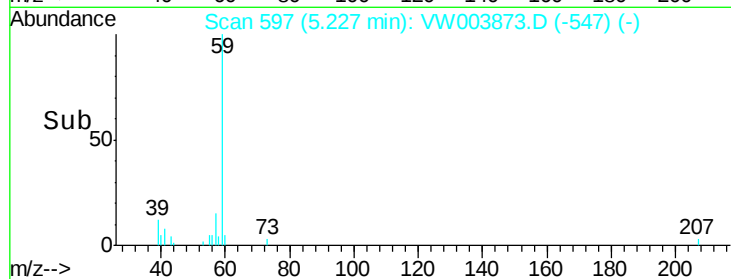
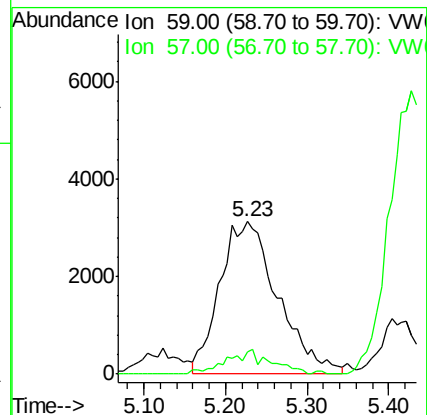
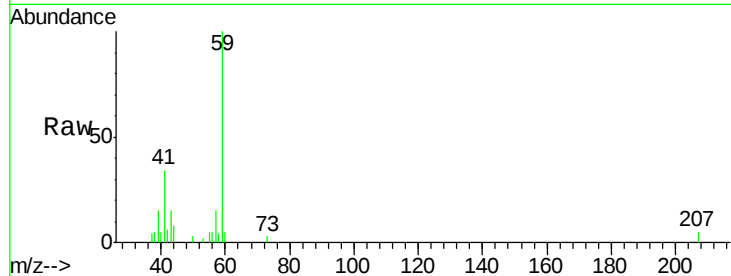


#11

Tert butyl alcohol
Concen: 97.920 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :

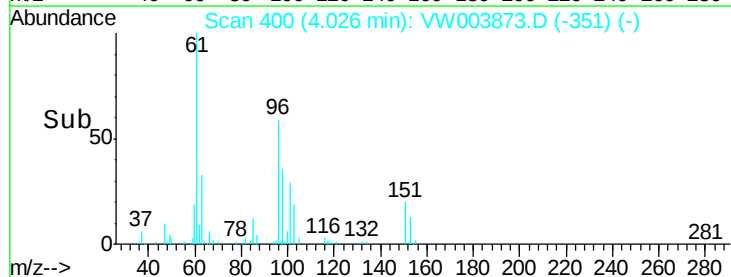
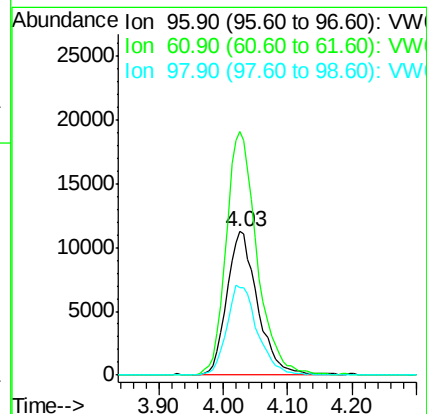
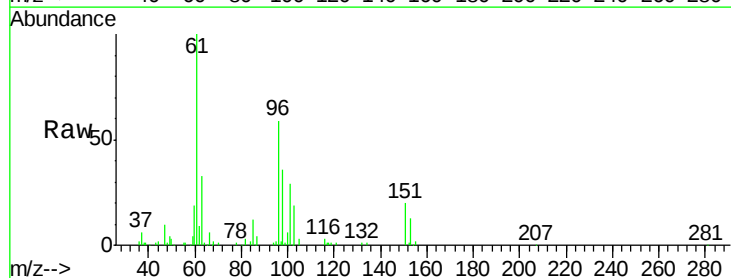
Tot Ion: 59 Resp: 15405
Ion Ratio Lower Upper
59 100
57 12.2 9.3 13.9

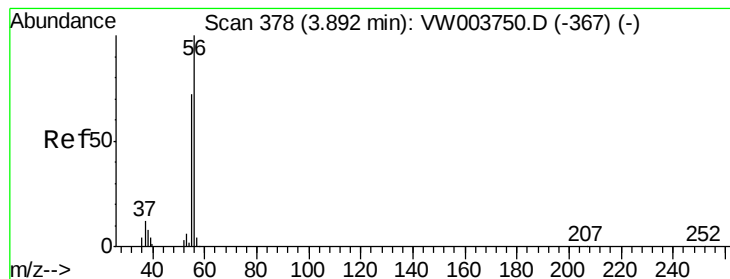


#12

1,1-Dichloroethene
Concen: 18.104 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 96 Resp: 37753
Ion Ratio Lower Upper
96 100
61 170.0 143.2 214.8
98 61.3 51.4 77.0





#13

Acrolein

Concen: 61.755 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

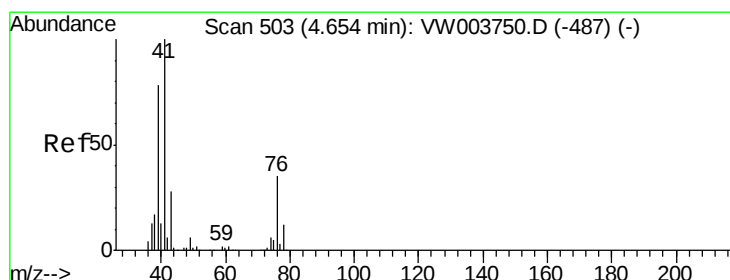
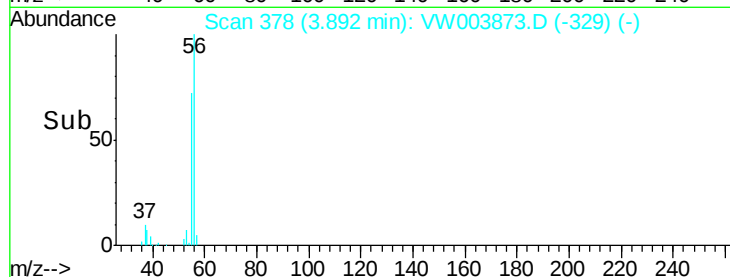
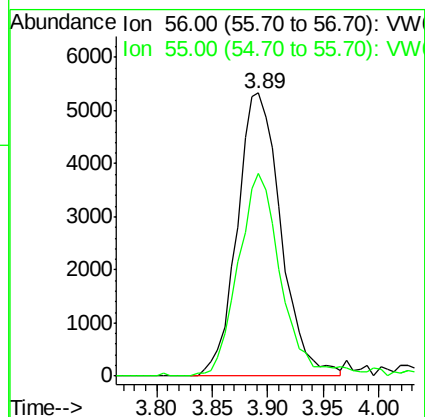
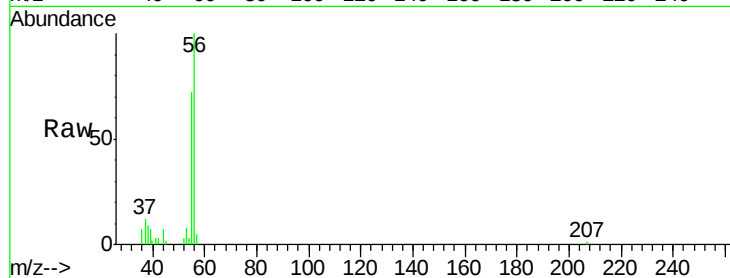
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 14511

Ion Ratio Lower Upper

56 100

55 70.3 57.5 86.3



#14

Allyl chloride

Concen: 17.075 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

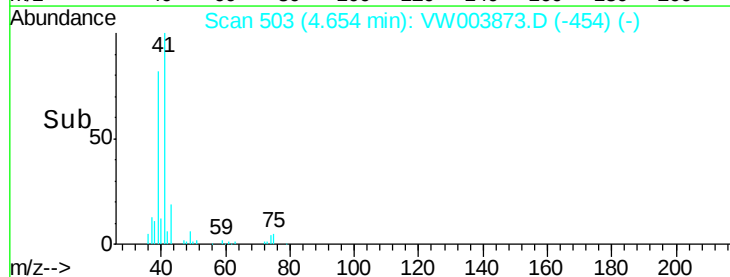
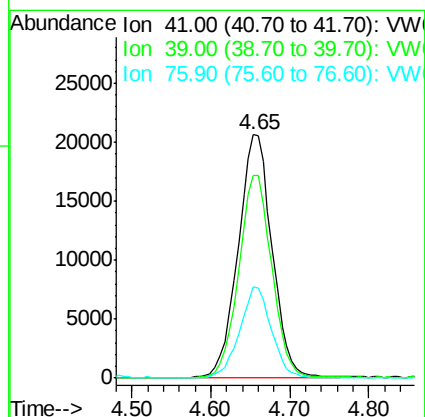
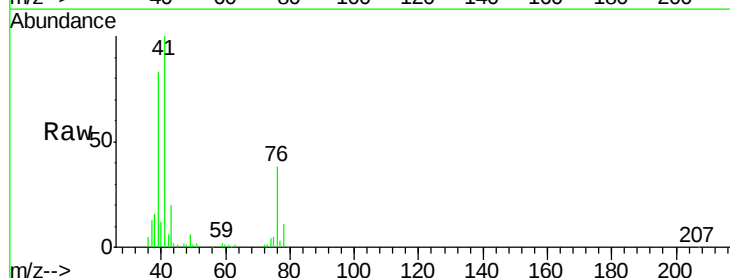
Tgt Ion: 41 Resp: 61907

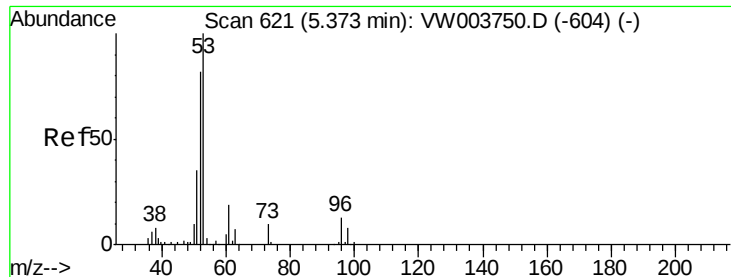
Ion Ratio Lower Upper

41 100

39 81.1 60.9 91.3

76 34.9 27.5 41.3





#15

Acrylonitrile

Concen: 106.607 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

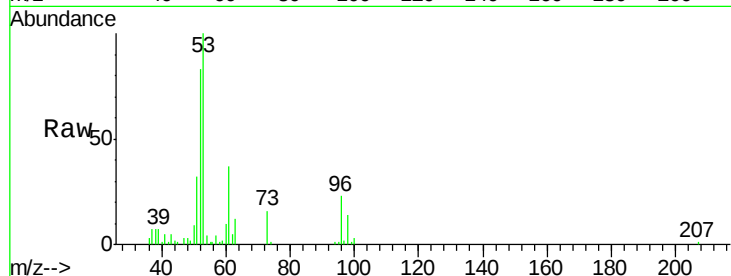
Tot Ion: 53 Resp: 59750

Ion Ratio Lower Upper

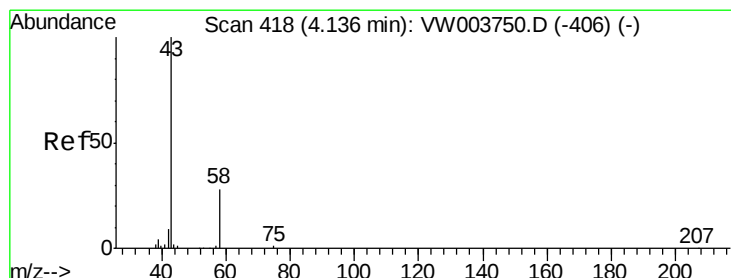
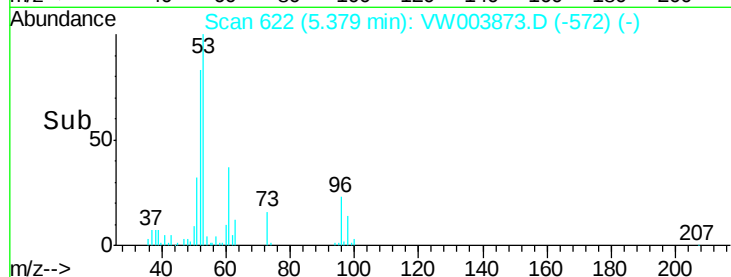
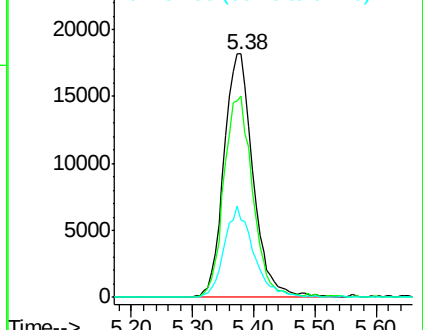
53 100

52 81.4 66.2 99.2

51 37.3 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 86.336 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003873.D

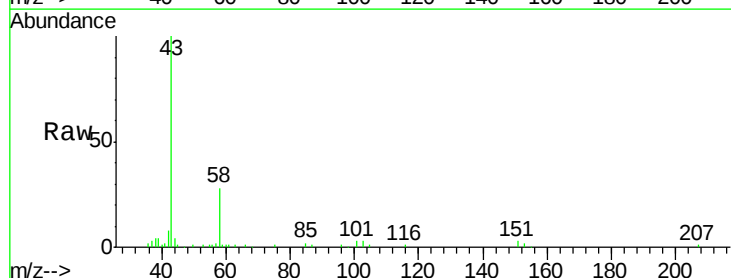
Acq: 11 Jul 2018 19:41

Tgt Ion: 43 Resp: 43484

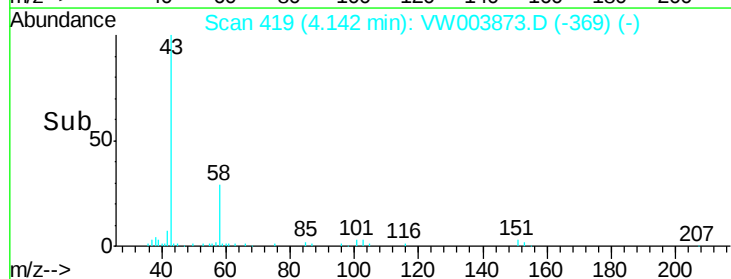
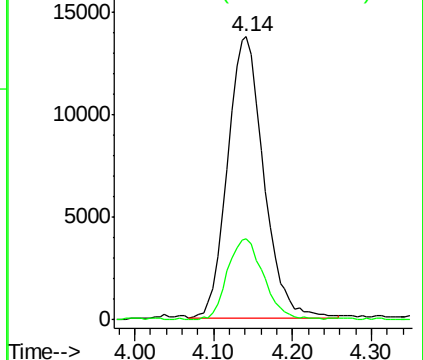
Ion Ratio Lower Upper

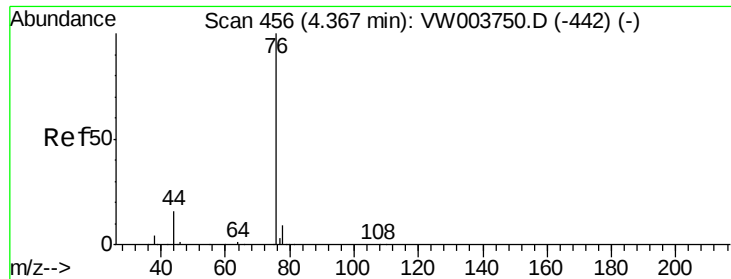
43 100

58 28.7 22.6 34.0



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

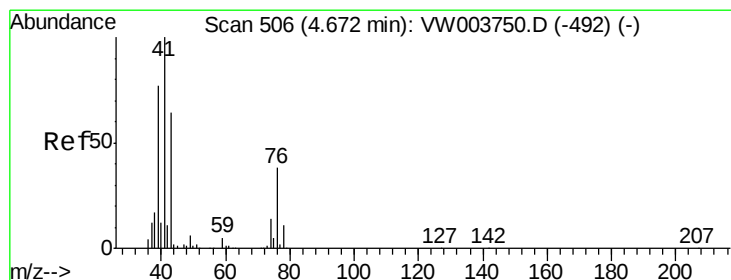
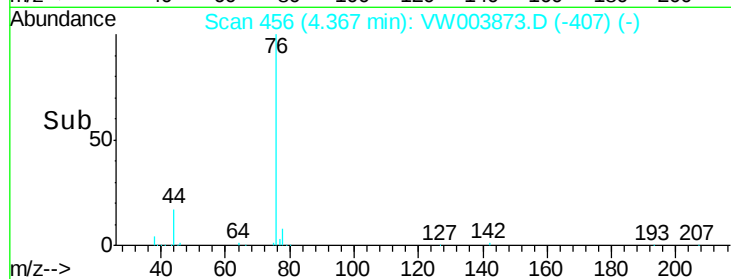
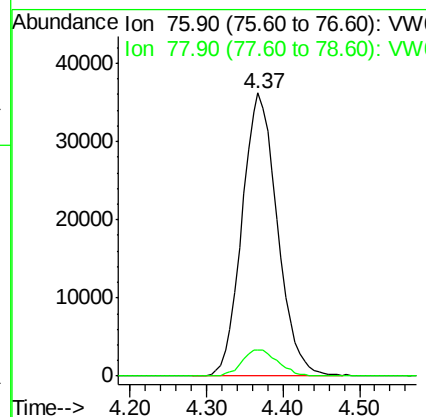
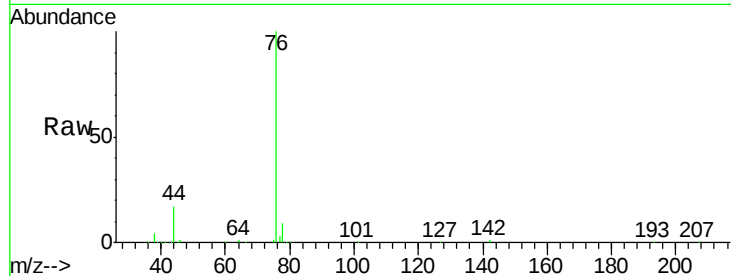




#17
Carbon Disulfide
Concen: 17.008 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

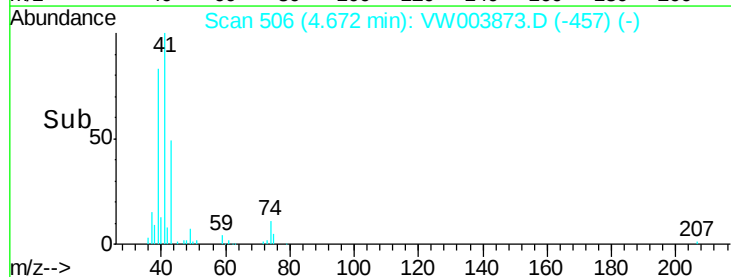
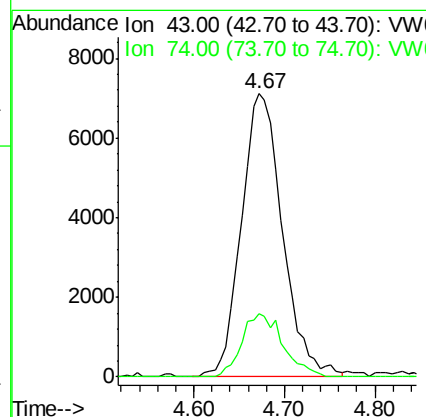
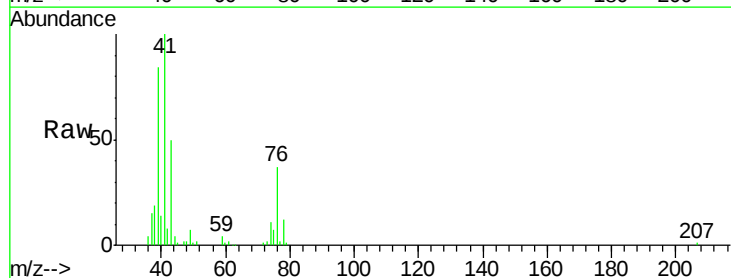
Instrument :
MSVOA_W
ClientSampleId :

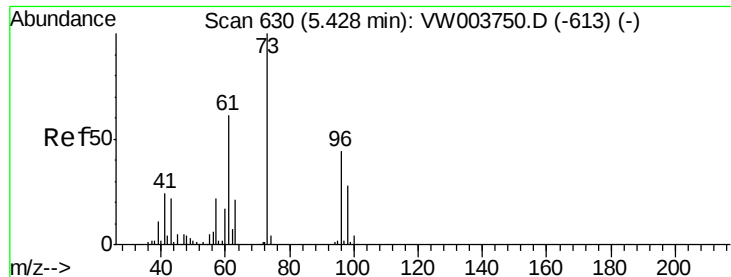
Tot Ion: 76 Resp: 116279
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 15.705 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 43 Resp: 22301
Ion Ratio Lower Upper
43 100
74 22.5 17.3 25.9

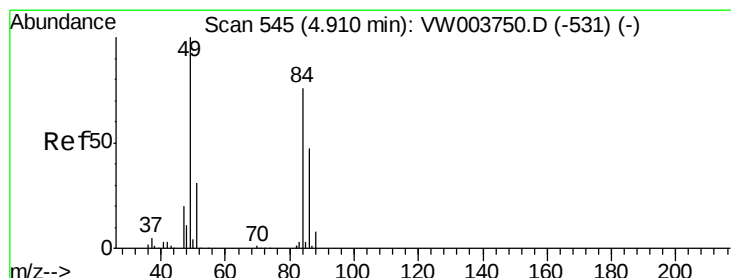
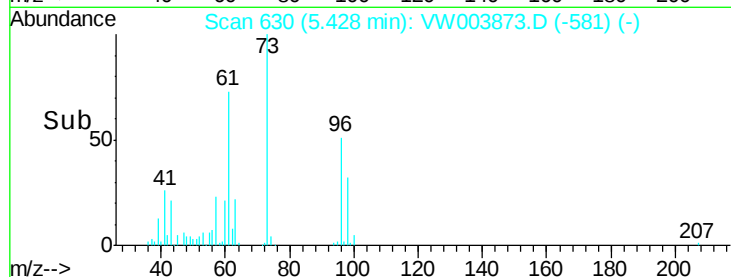
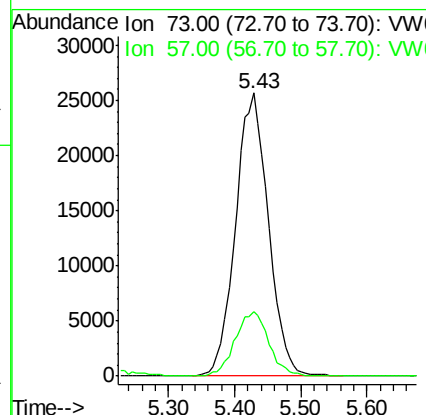
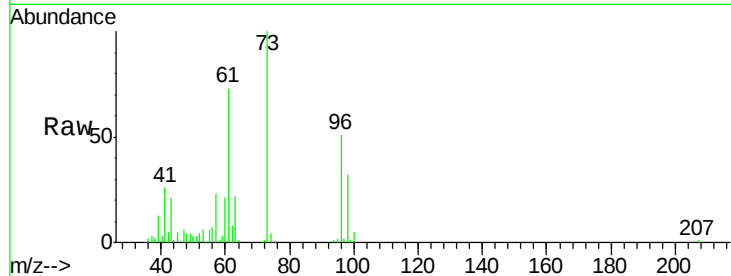




#19
Methyl tert-butyl Ether
Concen: 20.480 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

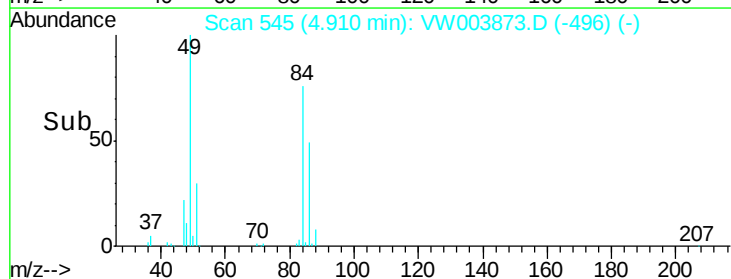
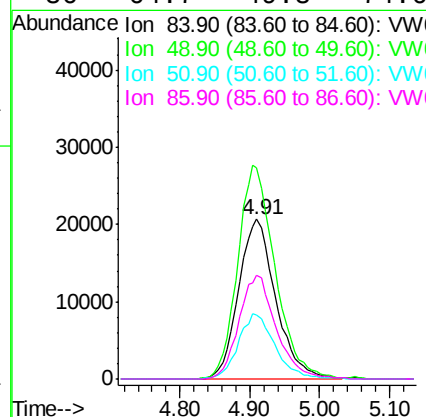
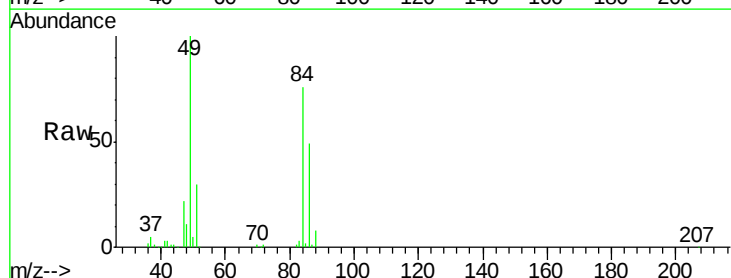
Instrument :
MSVOA_W
ClientSampled :

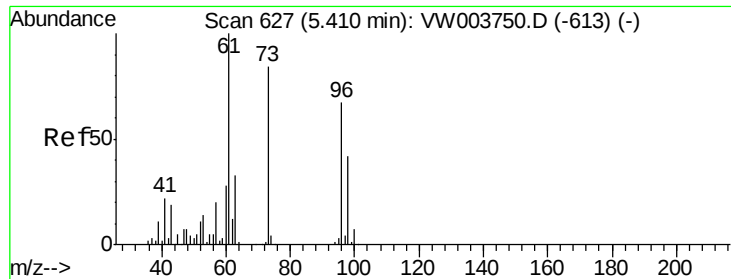
Tot Ion: 73 Resp: 88252
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 29.412 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 84 Resp: 76624
Ion Ratio Lower Upper
84 100
49 132.1 105.1 157.7
51 39.8 32.5 48.7
86 64.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.913 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :

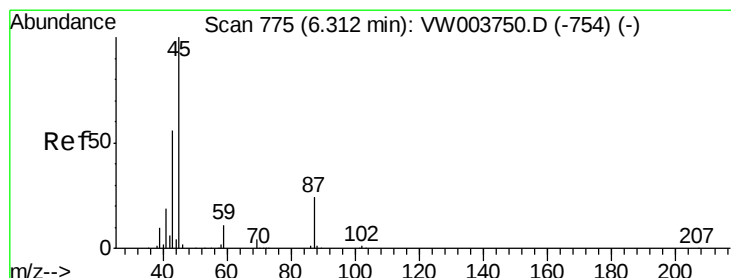
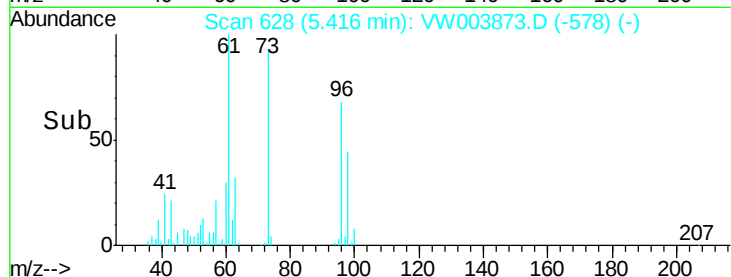
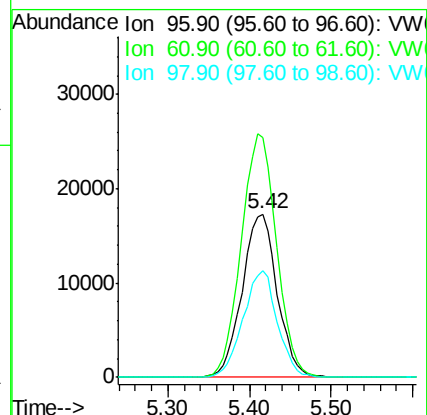
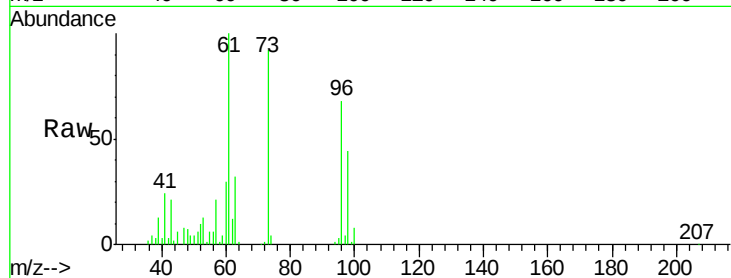
Tot Ion: 96 Resp: 51629

Ion Ratio Lower Upper

96 100

61 147.2 119.0 178.6

98 65.1 49.8 74.8



#22

Diisopropyl ether

Concen: 21.077 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Tgt Ion: 45 Resp: 167994

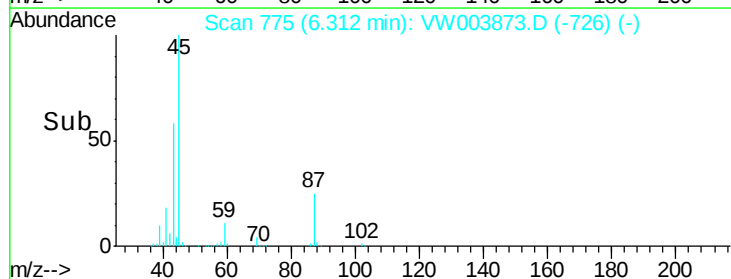
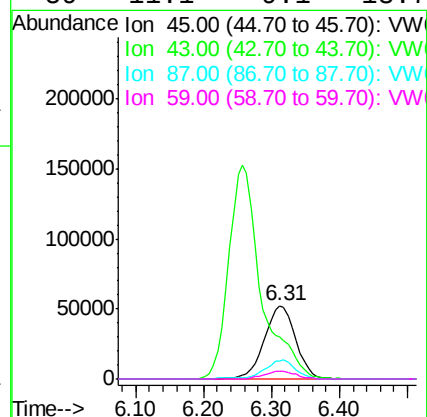
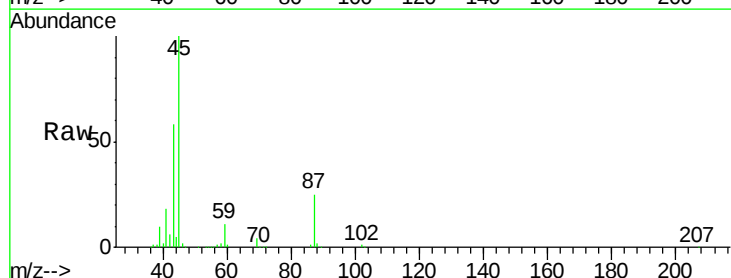
Ion Ratio Lower Upper

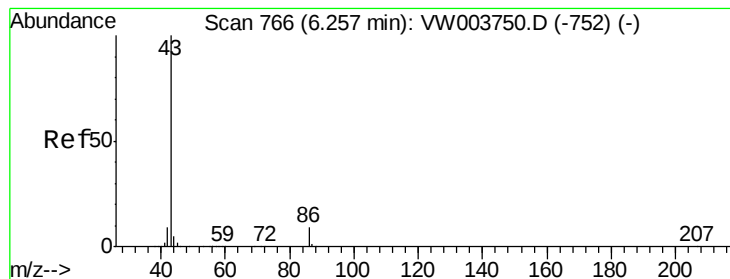
45 100

43 57.7 44.5 66.7

87 24.8 19.6 29.4

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 104.035 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

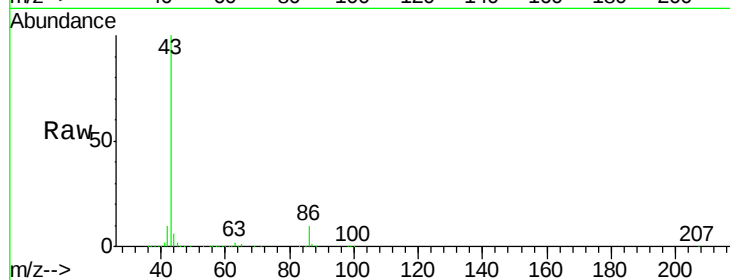
ClientSampleId :

Tot Ion: 43 Resp: 506198

Ion Ratio Lower Upper

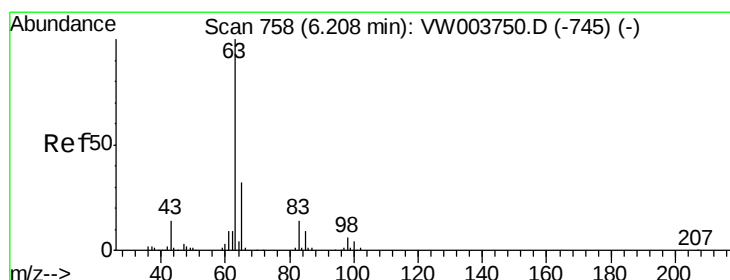
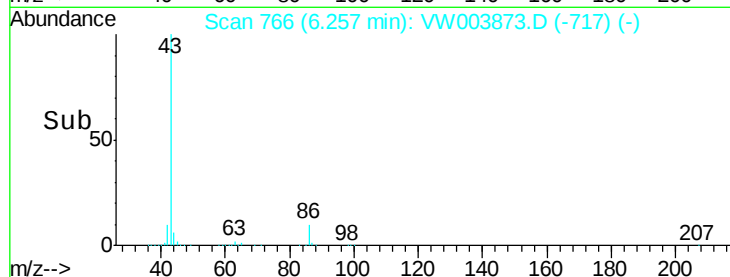
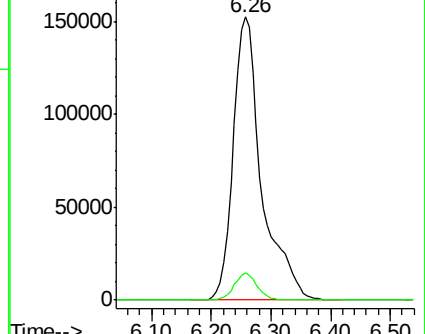
43 100

86 9.7 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.350 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

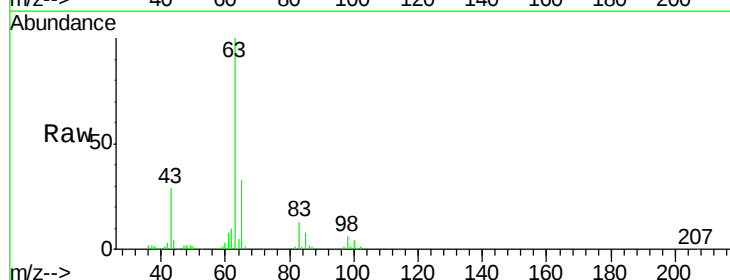
Tgt Ion: 63 Resp: 98101

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

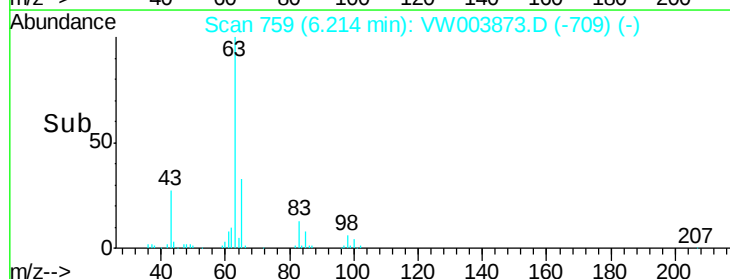
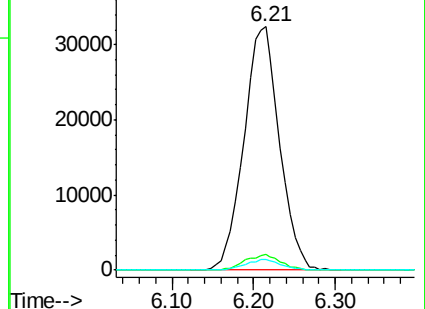
100 4.1 2.1 6.2

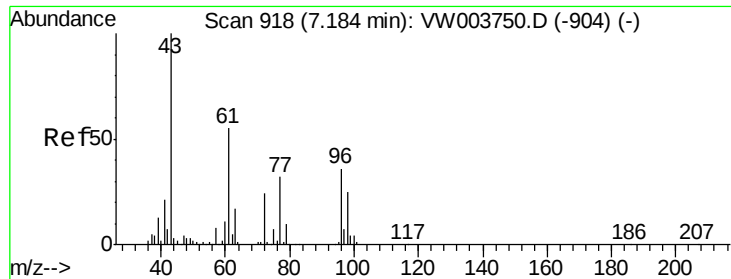


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 99.745 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

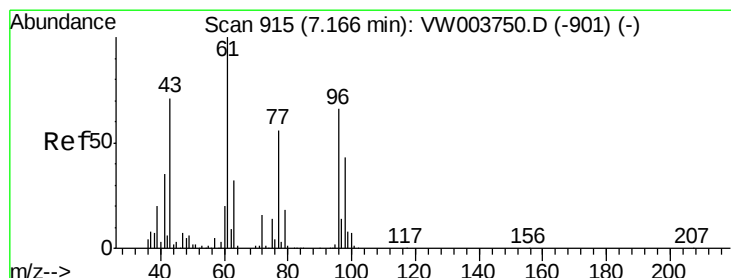
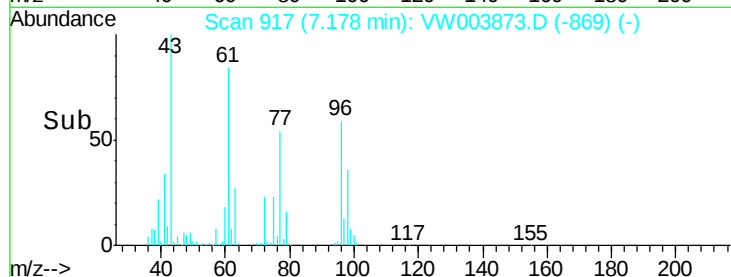
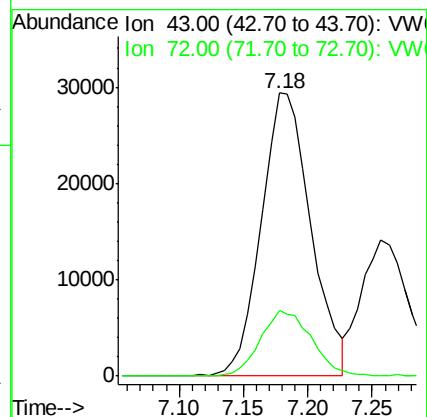
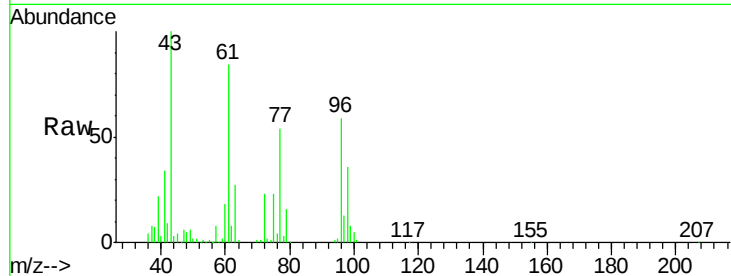
ClientSampled :

Tot Ion: 43 Resp: 78686

Ion Ratio Lower Upper

43 100

72 23.4 19.4 29.2



#26

2,2-Dichloropropane

Concen: 21.396 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003873.D

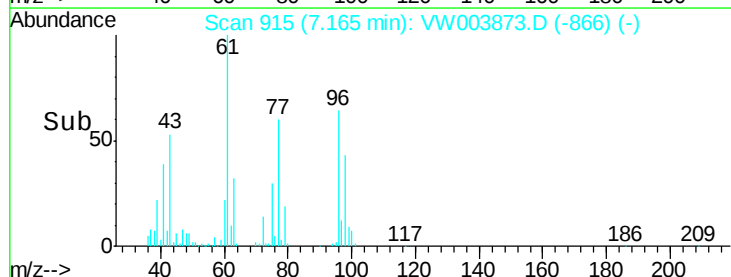
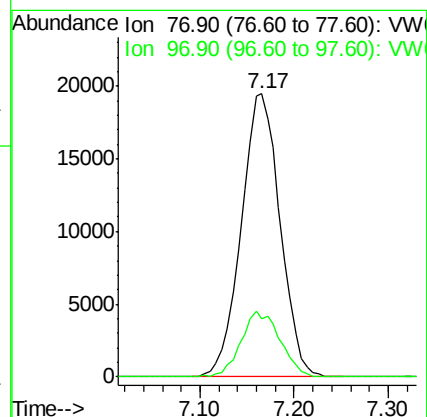
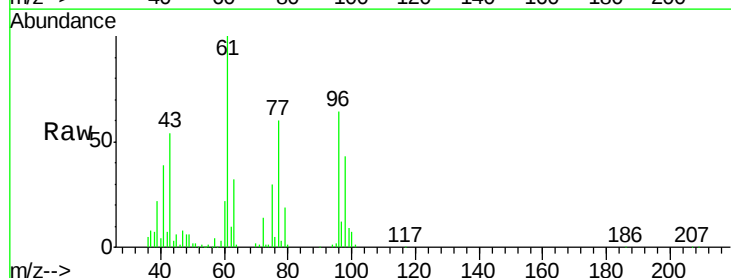
Acq: 11 Jul 2018 19:41

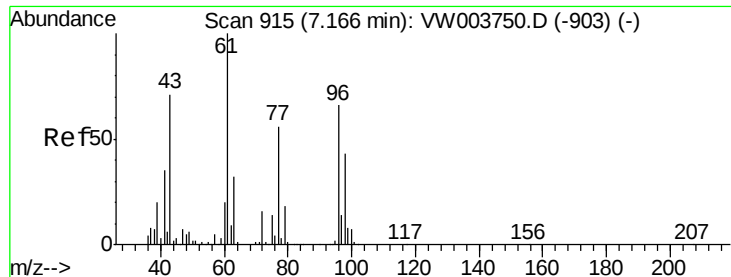
Tgt Ion: 77 Resp: 55945

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5



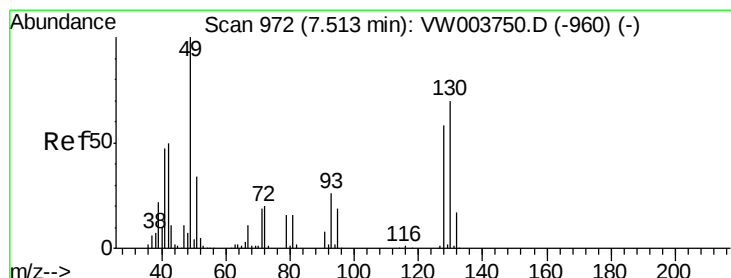
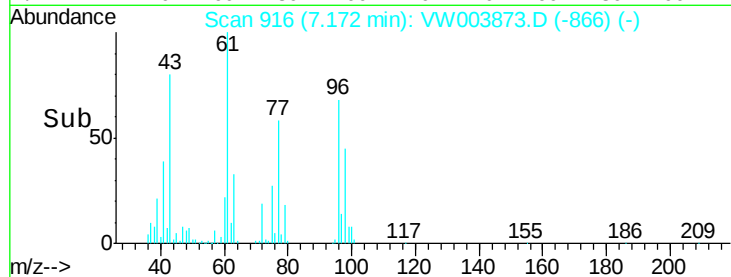
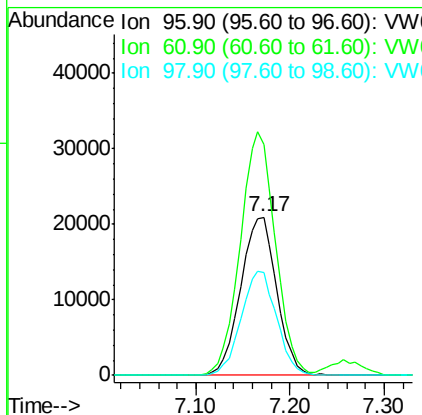
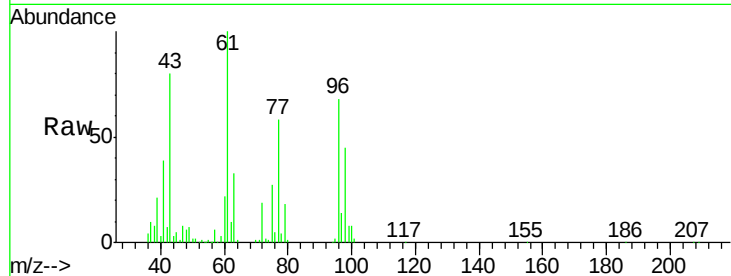


#27

cis-1,2-Dichloroethene
Concen: 20.524 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :

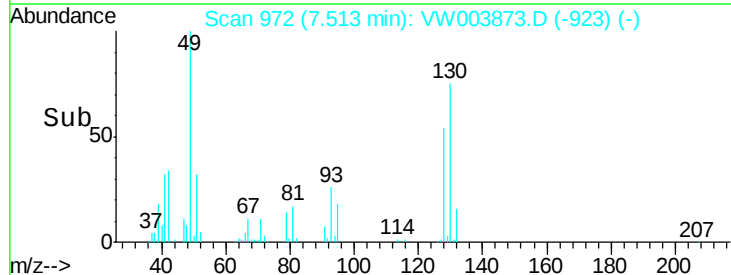
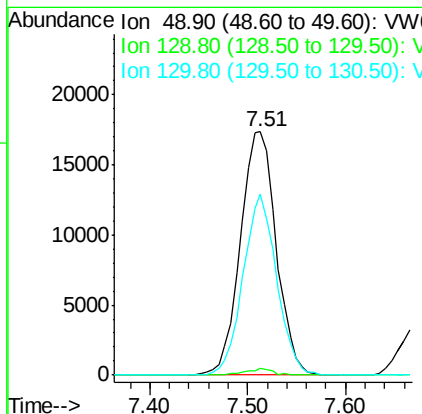
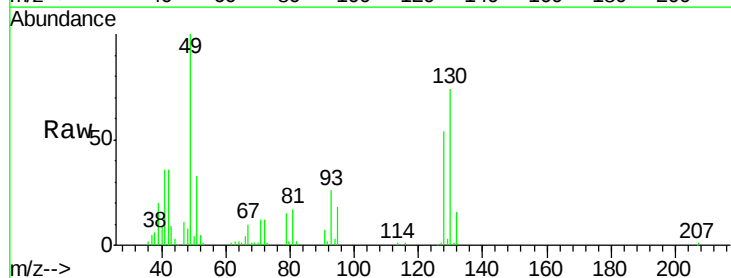
Tot Ion: 96 Resp: 56031
Ion Ratio Lower Upper
96 100
61 150.7 0.0 300.8
98 64.5 0.0 128.6

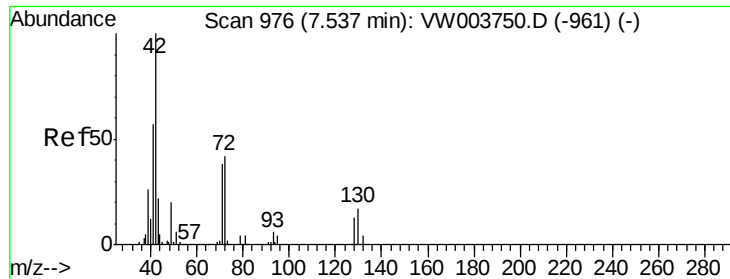


#28

Bromochloromethane
Concen: 20.488 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 49 Resp: 43998
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.4
130 69.5 56.9 85.3

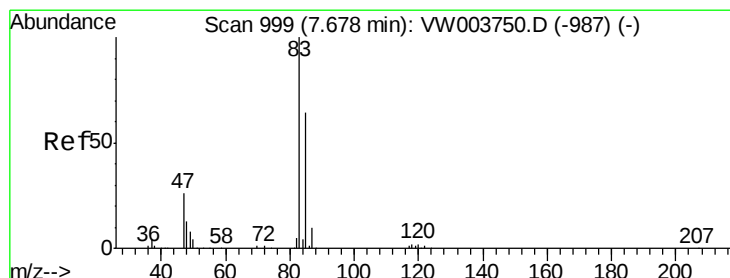
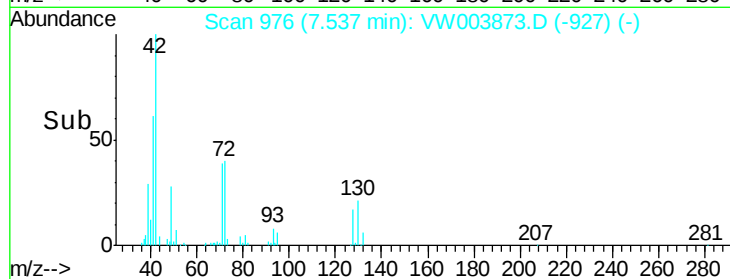
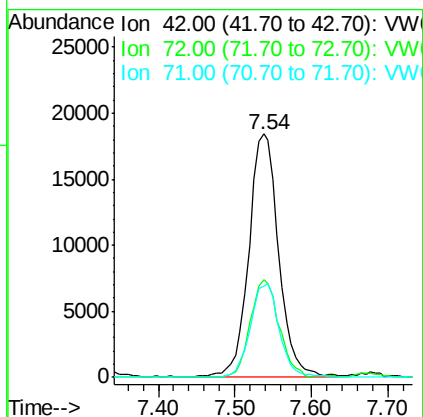
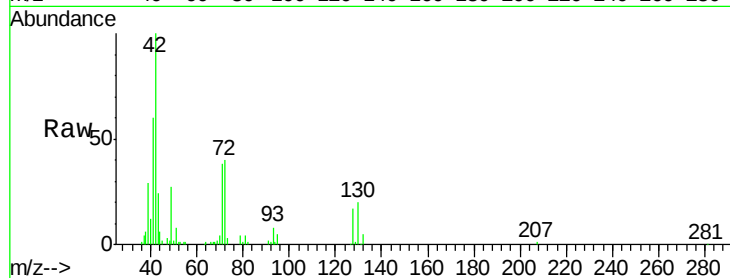




#29
Tetrahydrofuran
Concen: 99.314 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

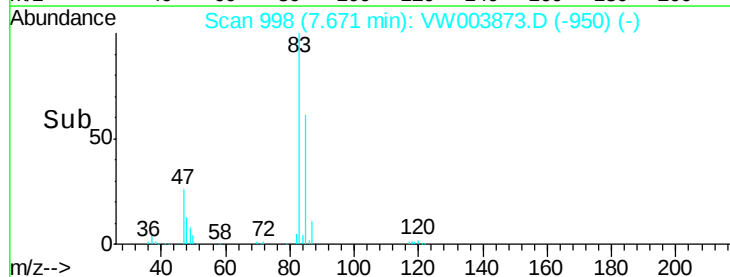
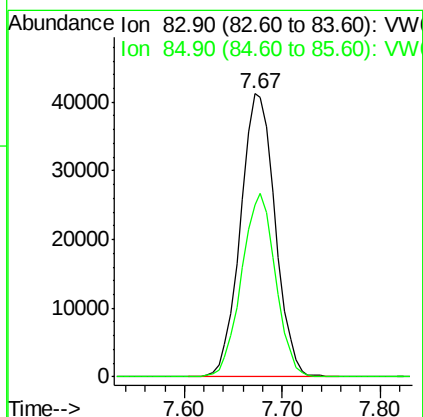
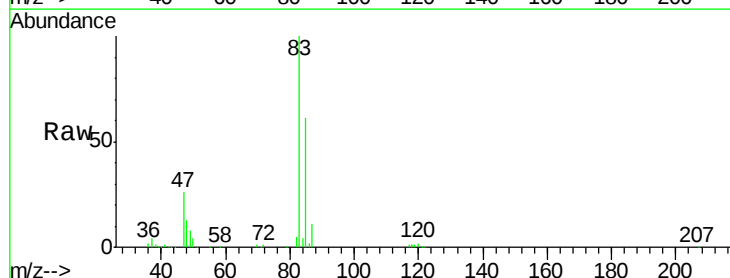
Instrument :
MSVOA_W
ClientSampleId :

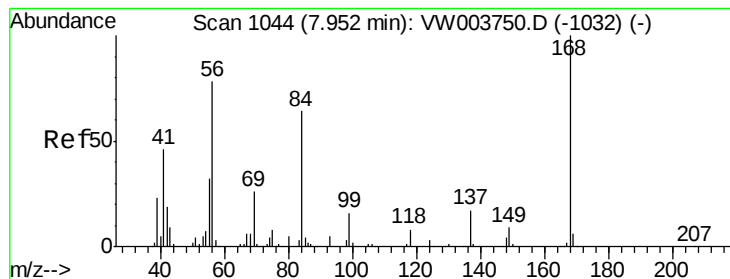
Tot Ion: 42 Resp: 50364
Ion Ratio Lower Upper
42 100
72 38.5 31.8 47.8
71 37.1 30.3 45.5



#30
Chloroform
Concen: 20.538 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 83 Resp: 101001
Ion Ratio Lower Upper
83 100
85 60.8 51.5 77.3





#31

Cyclohexane

Concen: 21.376 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampled :

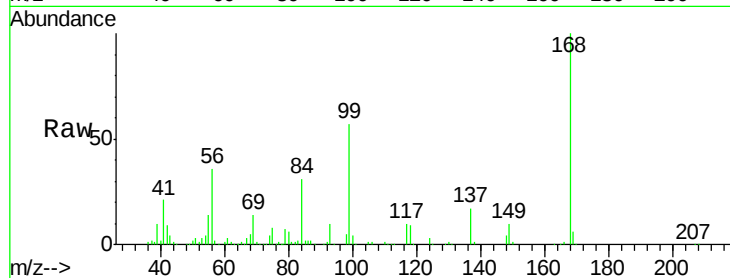
Tot Ion: 56 Resp: 90553

Ion Ratio Lower Upper

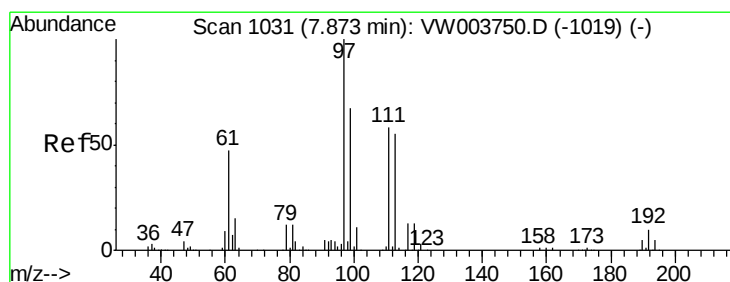
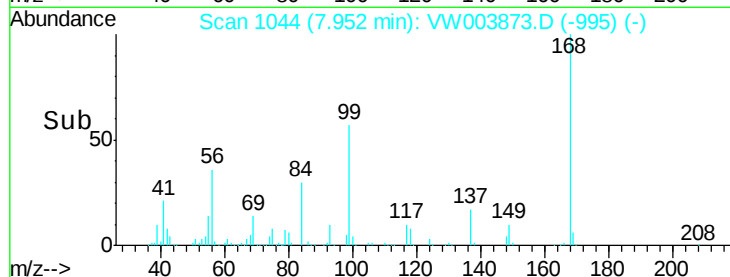
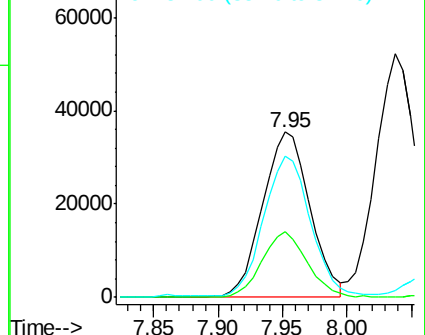
56 100

69 40.0 26.2 39.4#

84 84.2 65.5 98.3



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



#32

1,1,1-Trichloroethane

Concen: 20.897 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

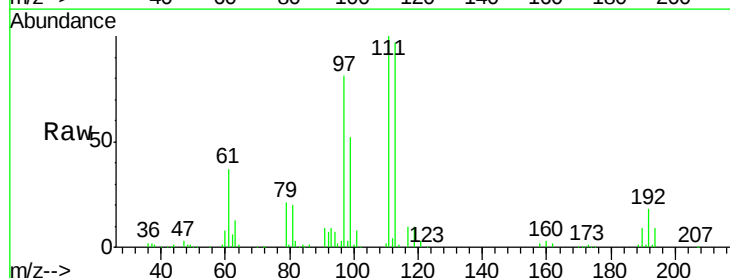
Tgt Ion: 97 Resp: 78212

Ion Ratio Lower Upper

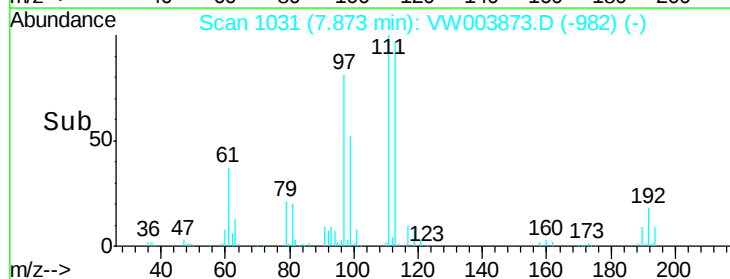
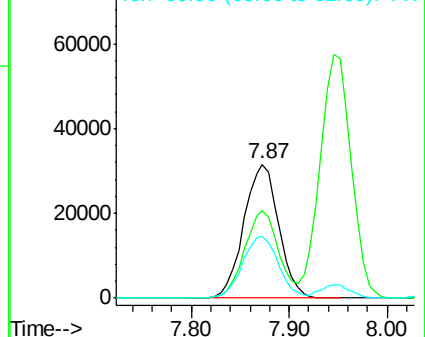
97 100

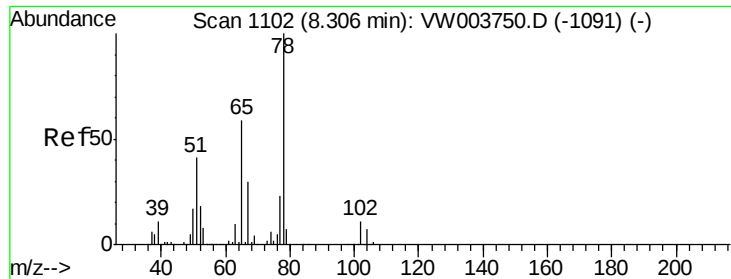
99 64.5 51.2 76.8

61 47.1 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

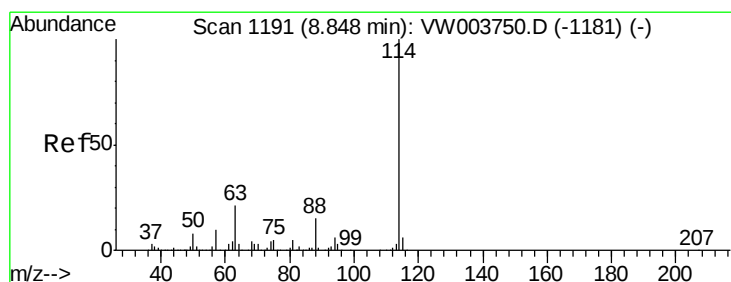
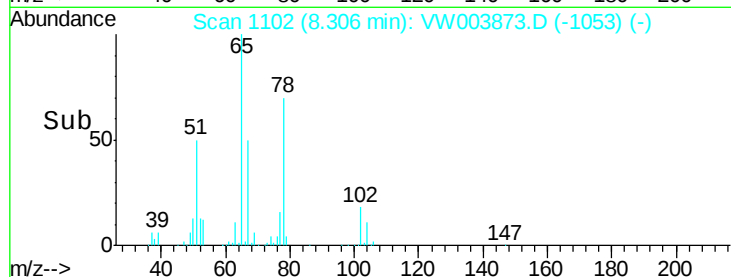
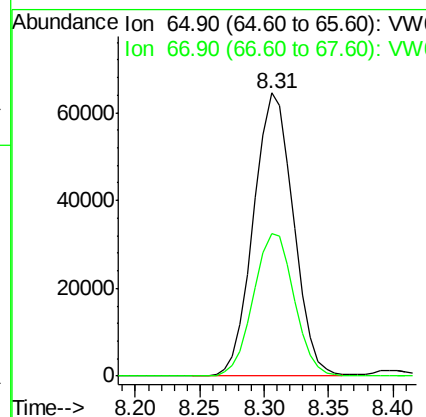
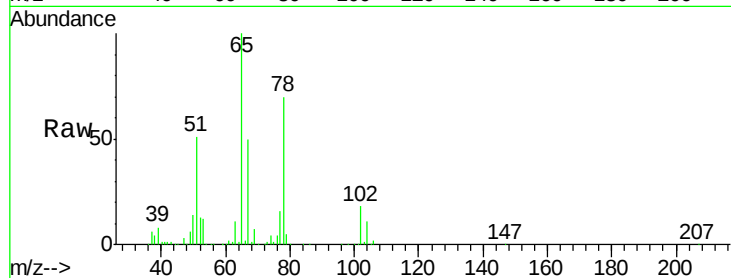




#33
 1,2-Dichloroethane-d4
 Concen: 47.725 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

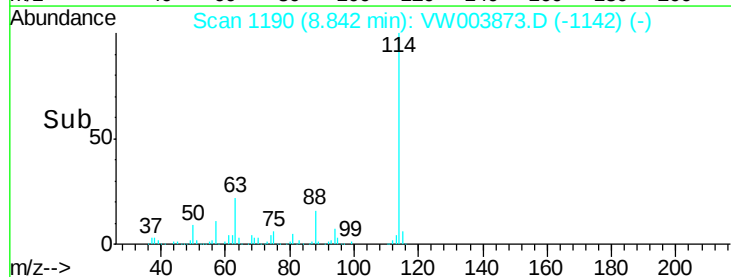
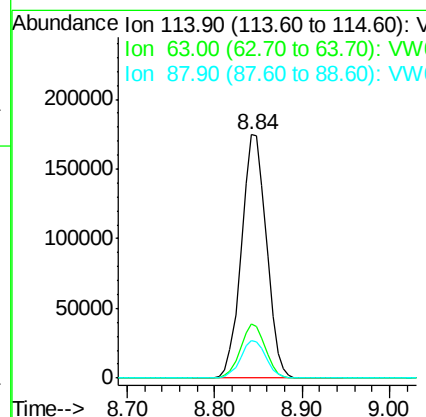
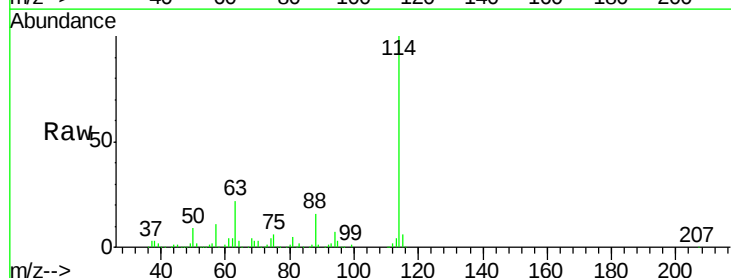
Instrument :
 MSVOA_W
 ClientSampleId :

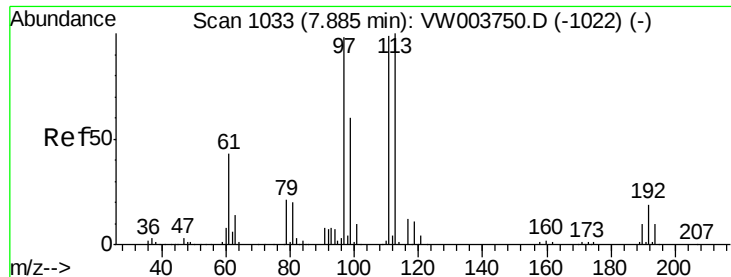
Tot Ion: 65 Resp: 138545
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion: 114 Resp: 348103
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 41.8
 88 15.7 0.0 30.2

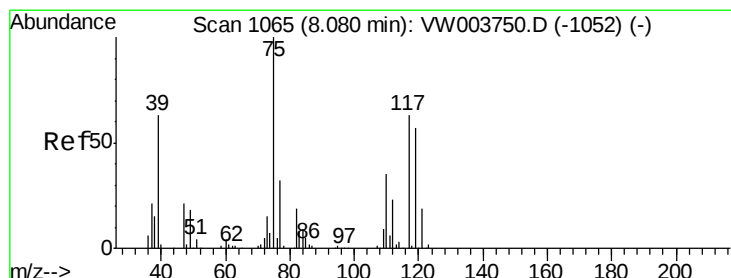
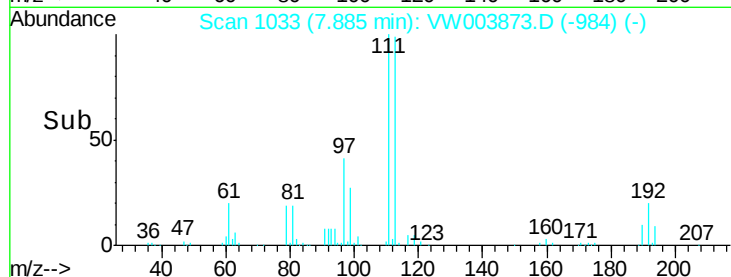
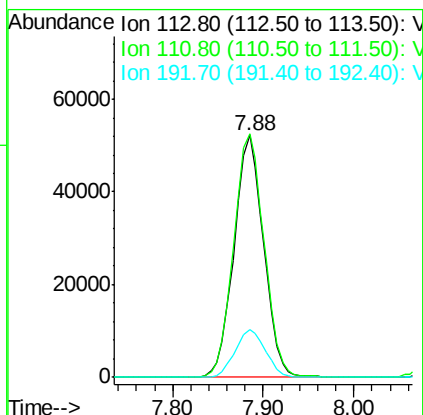
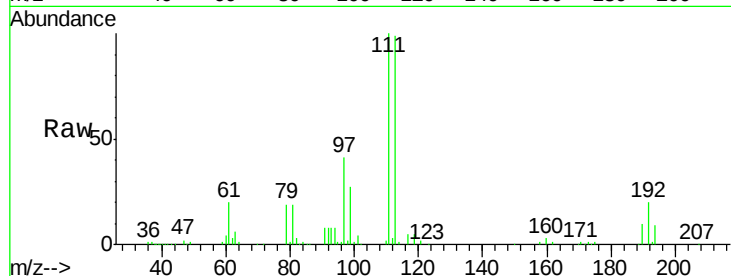




#35
 Dibromofluoromethane
 Concen: 48.373 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

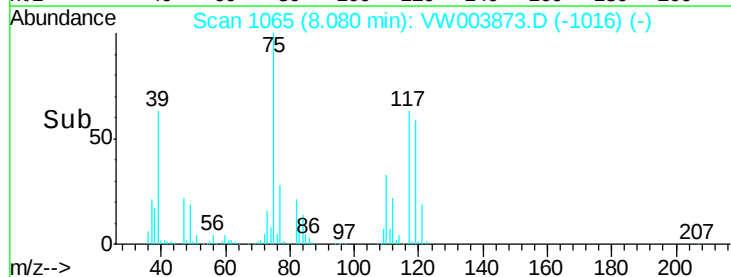
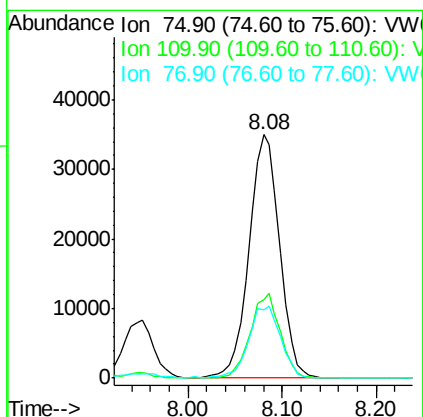
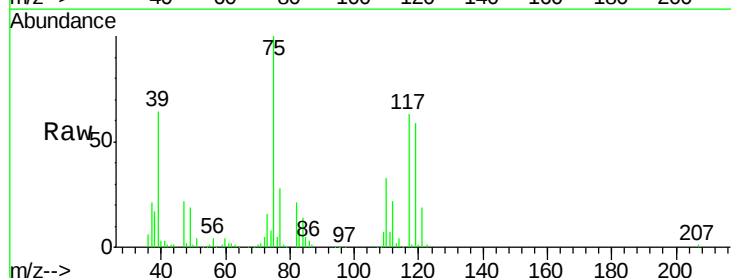
Instrument :
 MSVOA_W
 ClientSampleId :

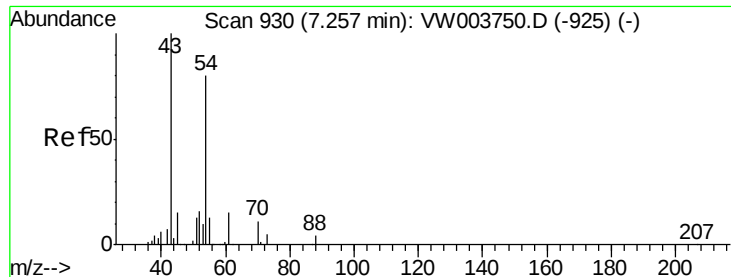
Tot Ion:113 Resp: 117851
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.7 122.5
 192 20.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 21.581 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion: 75 Resp: 79711
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.9 50.6
 77 31.1 24.8 37.2

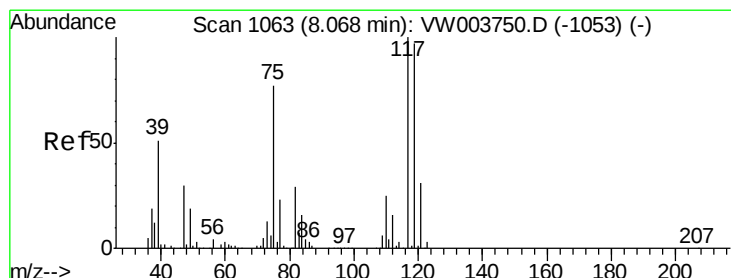
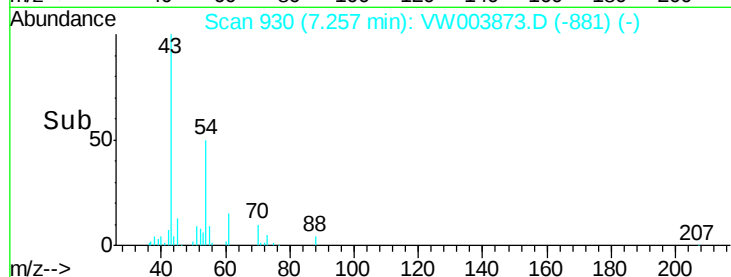
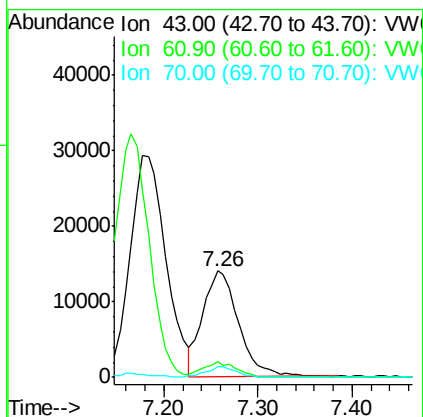
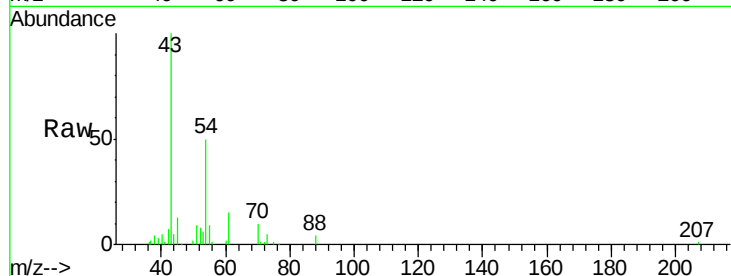




#37
Ethyl Acetate
Concen: 20.529 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

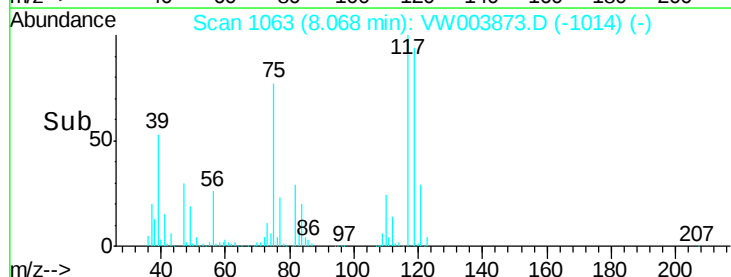
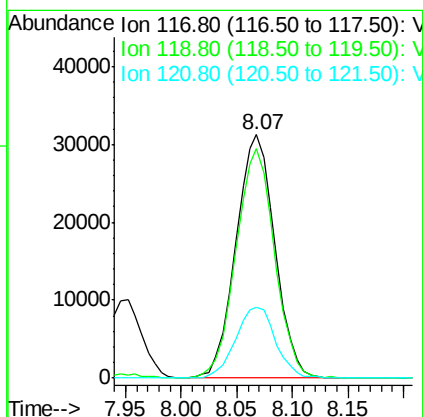
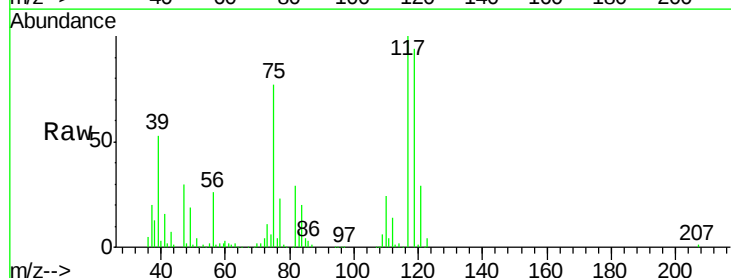
Instrument :
MSVOA_W
ClientSampled :

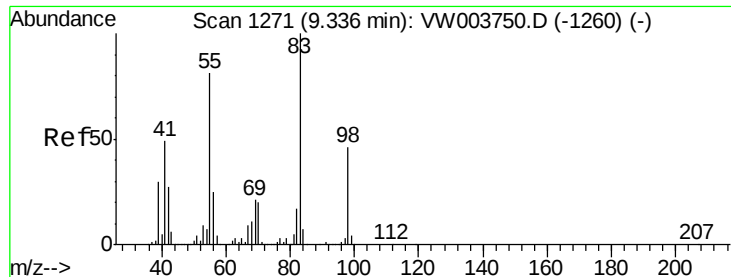
Tot Ion: 43 Resp: 36894
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 8.5 7.5 11.3



#38
Carbon Tetrachloride
Concen: 21.545 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 117 Resp: 75660
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.2
121 29.1 24.6 37.0

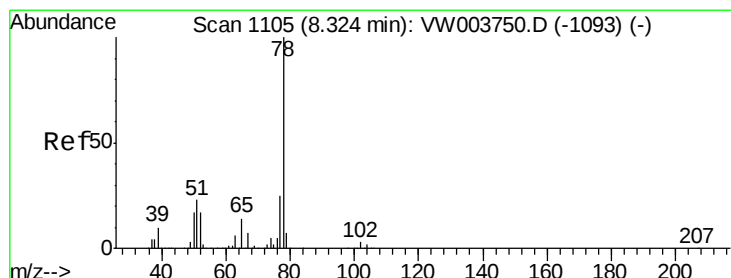
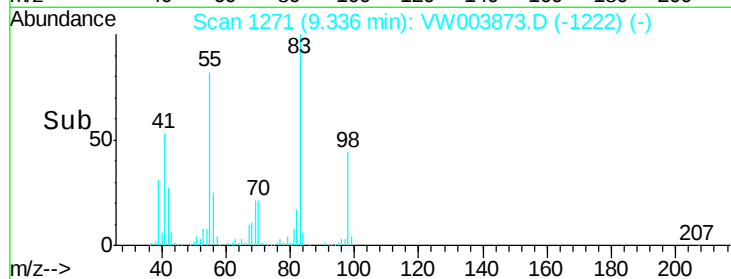
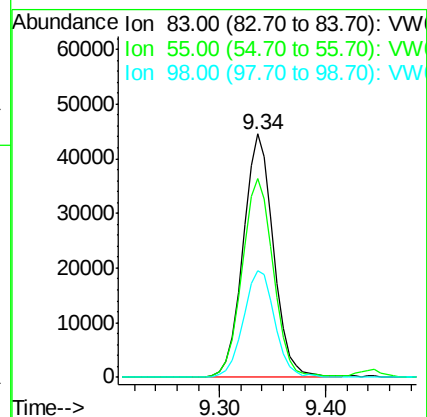
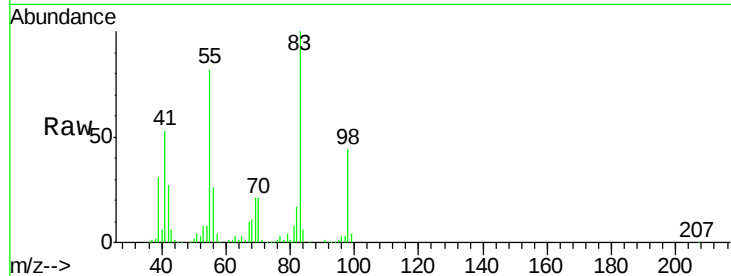




#39
Methvlcvclohexane
Concen: 22.021 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

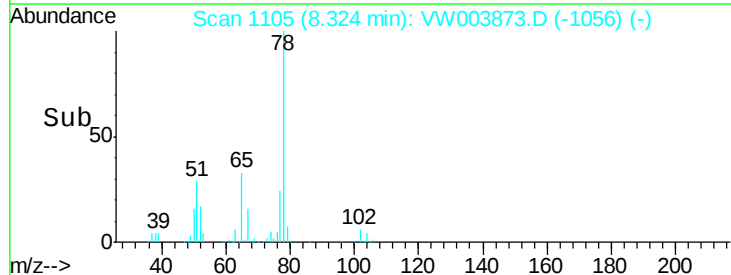
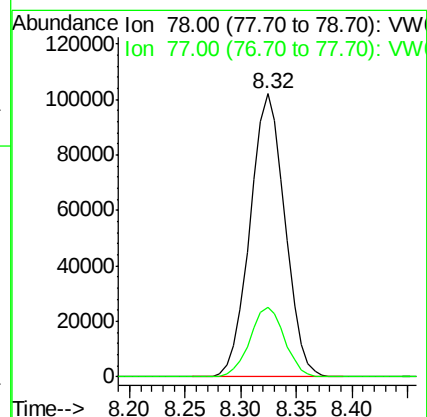
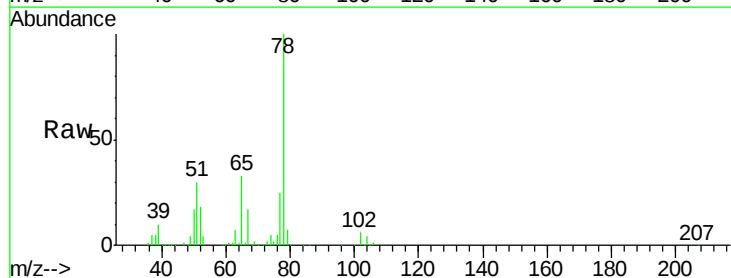
Instrument :
MSVOA_W
ClientSampleId :

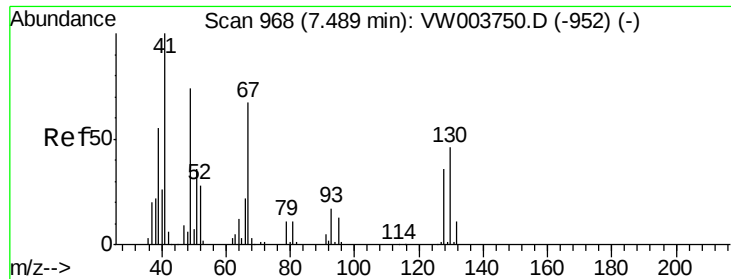
Tot Ion: 83 Resp: 89079
Ion Ratio Lower Upper
83 100
55 81.7 65.1 97.7
98 44.0 36.7 55.1



#40
Benzene
Concen: 21.119 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 78 Resp: 223004
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5

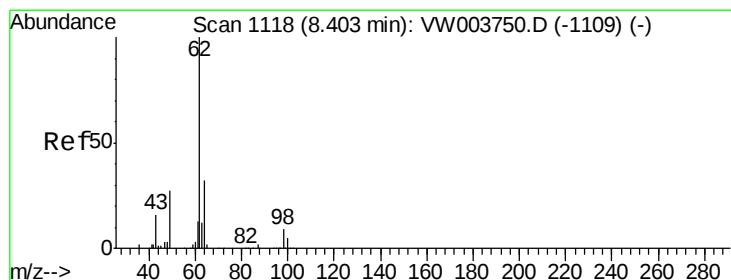
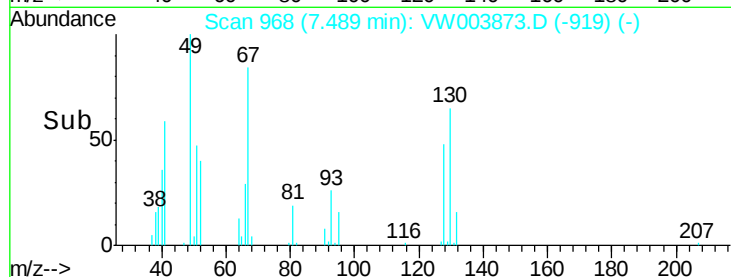
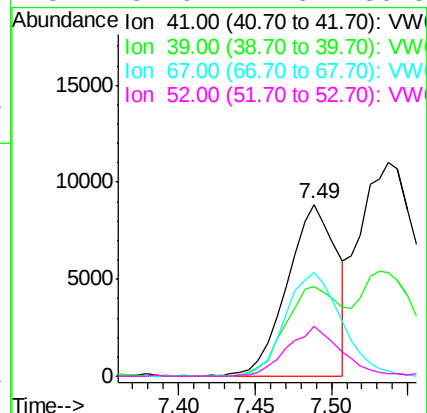
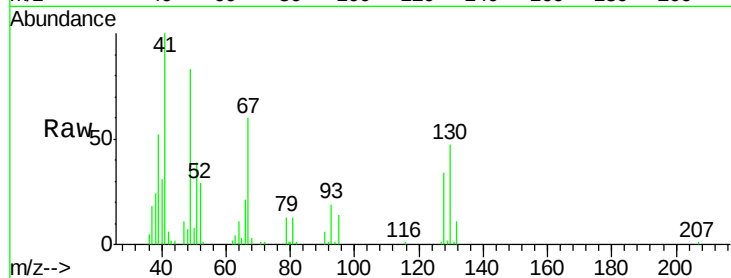




#41
Methacrylonitrile
Concen: 19.311 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

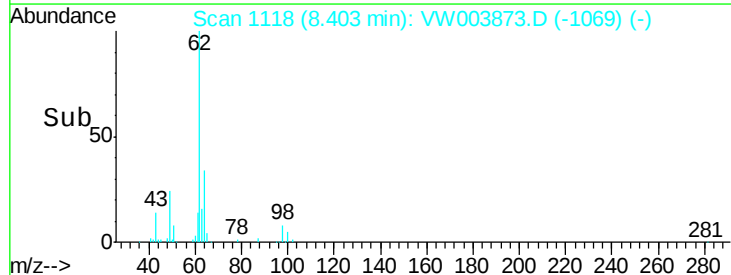
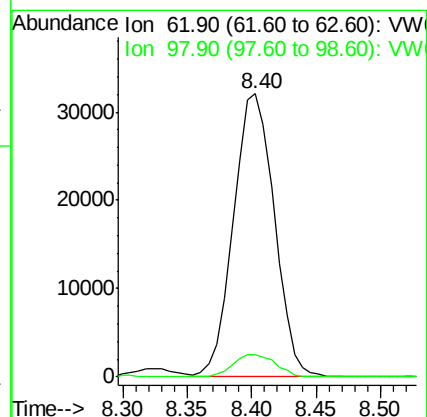
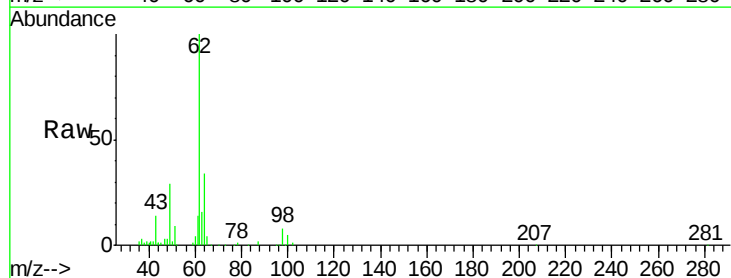
Instrument :
MSVOA_W
ClientSampled :

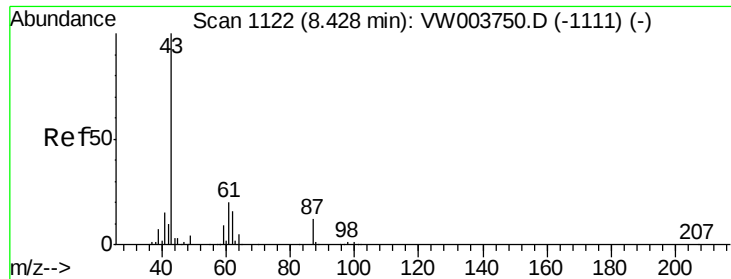
Tot Ion:	41	Resp:	19964
Ion	Ratio	Lower	Upper
41	100		
39	62.8	49.5	74.3
67	68.4	53.8	80.8
52	31.6	24.3	36.5



#42
1,2-Dichloroethane
Concen: 20.762 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion:	62	Resp:	70954
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4



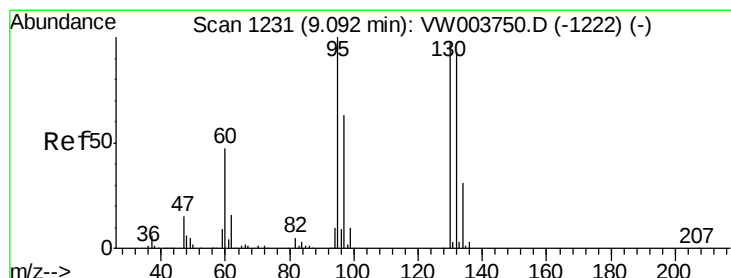
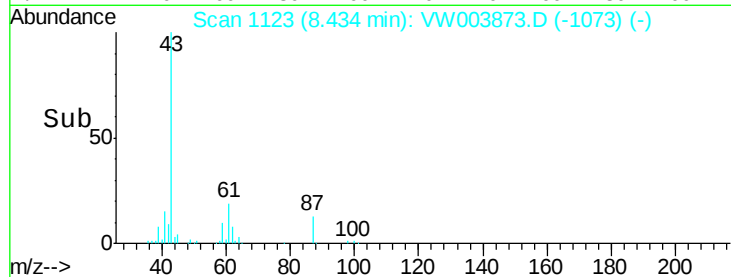
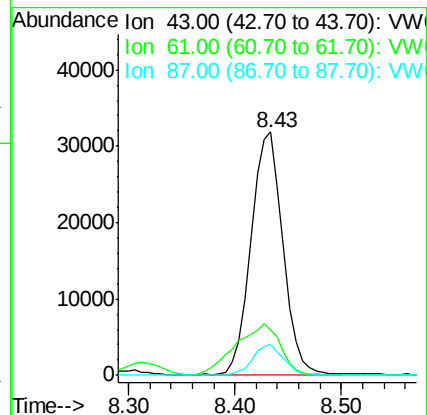
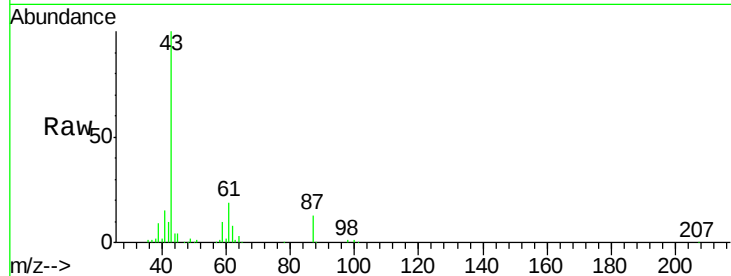


#43

Isopropyl Acetate
 Concen: 19.527 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :

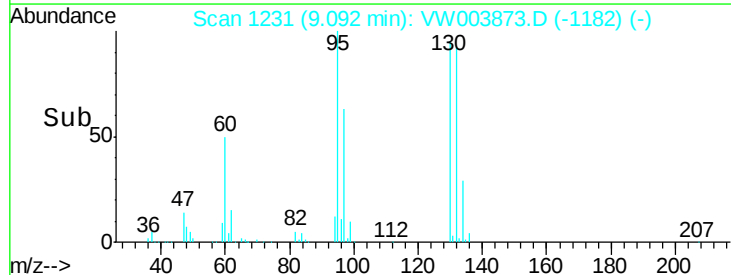
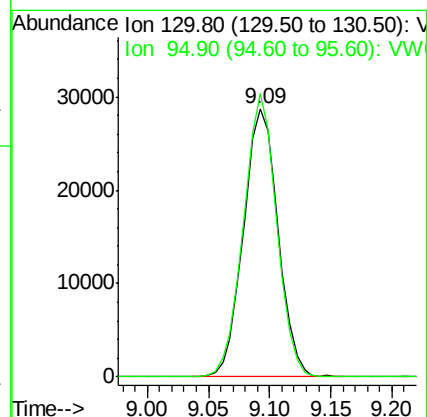
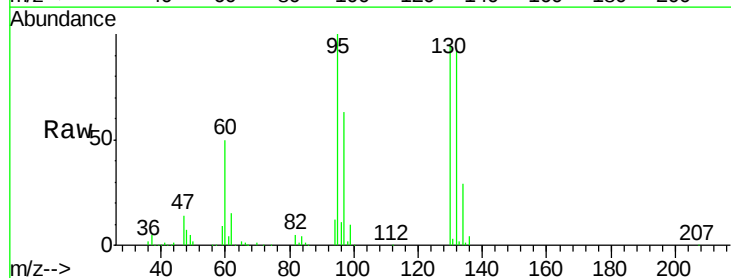
Tot Ion: 43 Resp: 66513
 Ion Ratio Lower Upper
 43 100
 61 30.0 22.8 34.2
 87 12.5 9.5 14.3

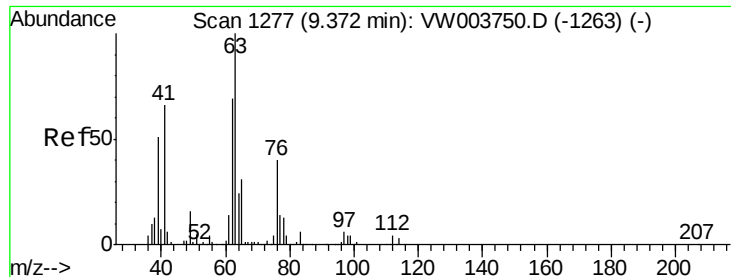


#44

Trichloroethene
 Concen: 21.207 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion: 130 Resp: 56455
 Ion Ratio Lower Upper
 130 100
 95 105.4 0.0 203.8

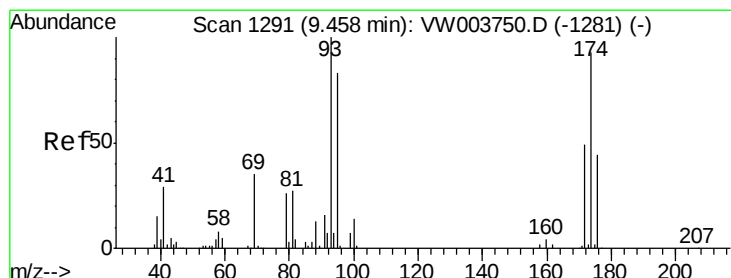
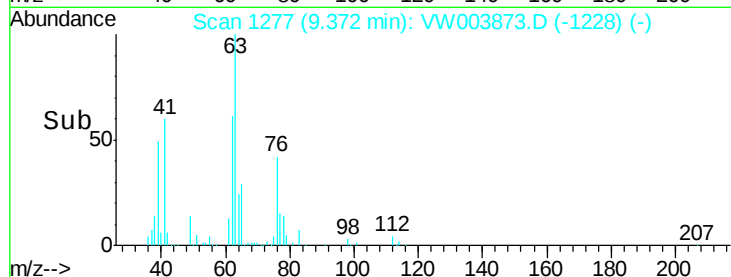
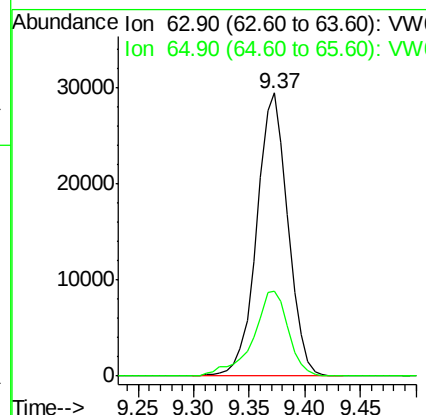
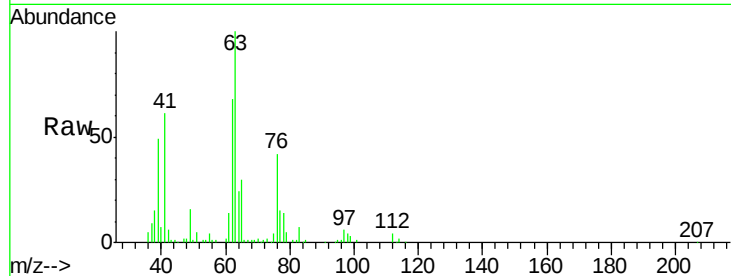




#45
 1,2-Dichloropropane
 Concen: 20.915 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

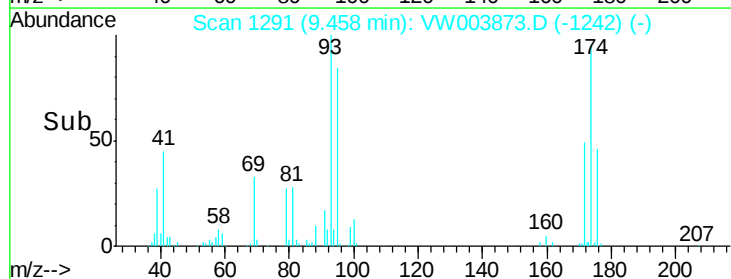
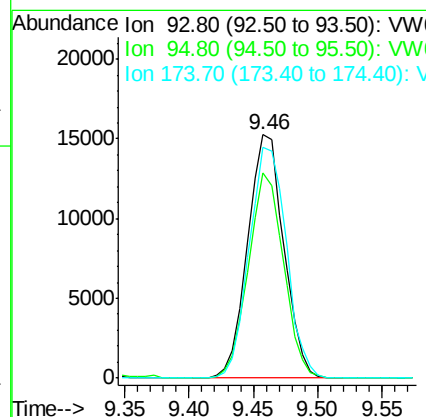
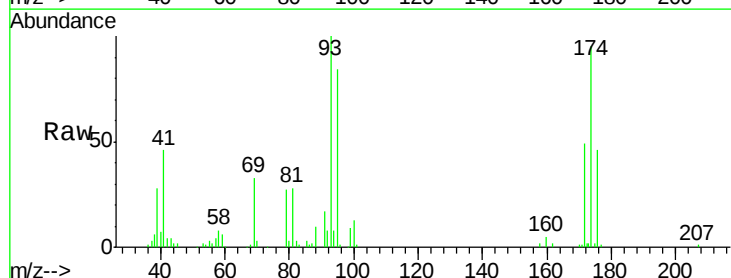
Instrument :
 MSVOA_W
 ClientSampleId :

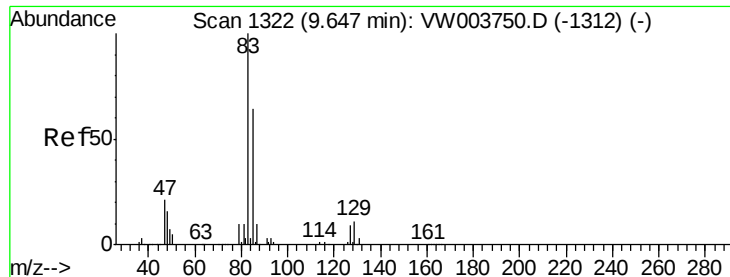
Tot Ion: 63 Resp: 57423
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.9 37.3



#46
 Dibromomethane
 Concen: 20.488 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion: 93 Resp: 29578
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.2 100.8
 174 97.8 78.1 117.1





#47

Bromodichloromethane

Concen: 20.414 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampled :

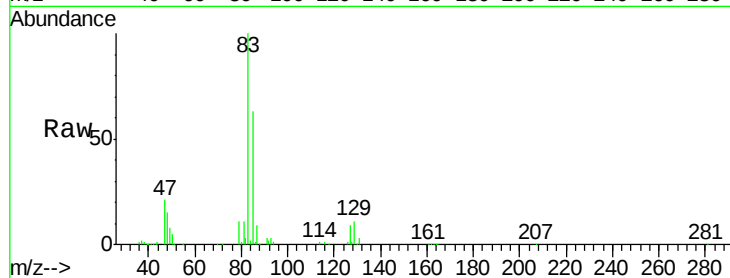
Tot Ion: 83 Resp: 72501

Ion Ratio Lower Upper

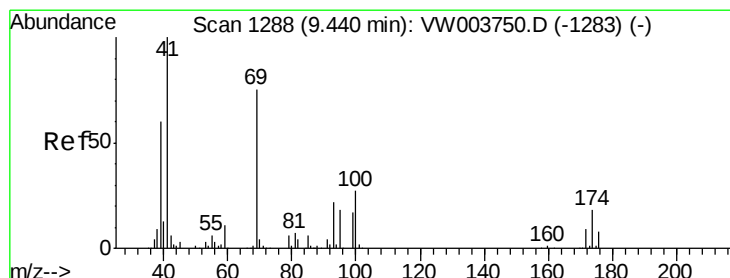
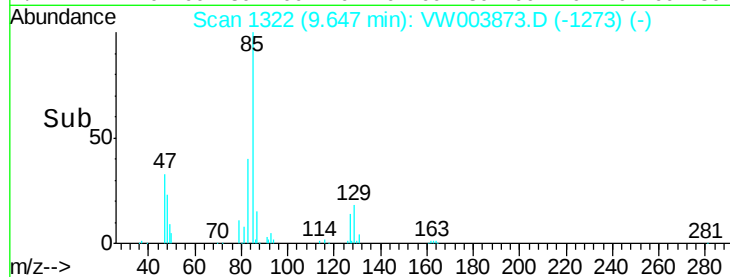
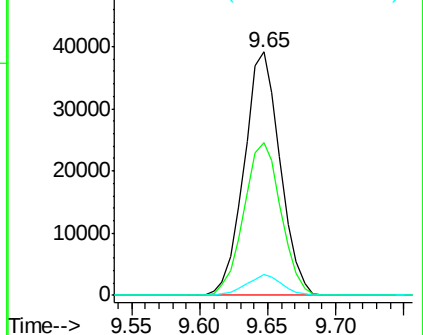
83 100

85 62.7 51.4 77.0

127 8.6 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: 20.128 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

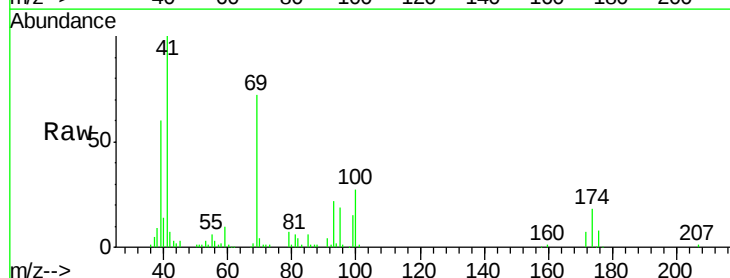
Tgt Ion: 41 Resp: 32651

Ion Ratio Lower Upper

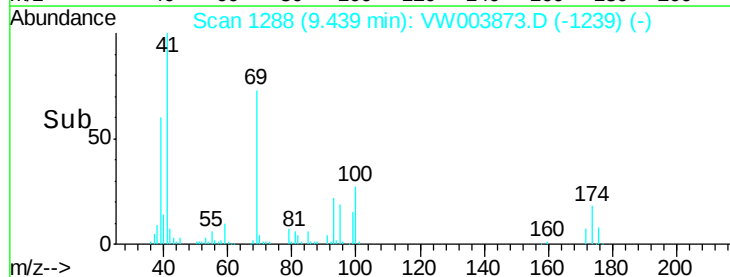
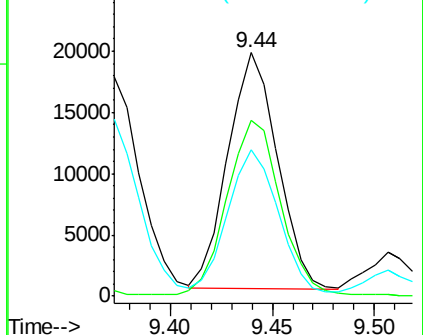
41 100

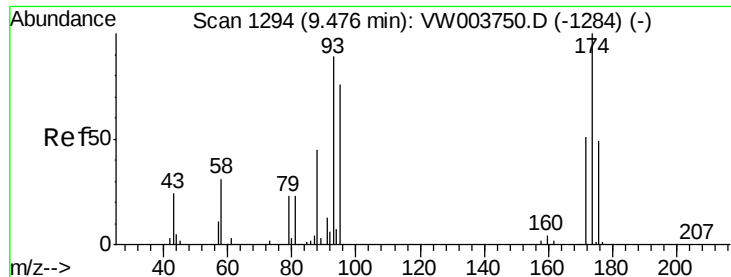
69 81.5 63.8 95.8

39 64.3 50.2 75.2



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





#49

1,4-Dioxane

Concen: 388.018 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :

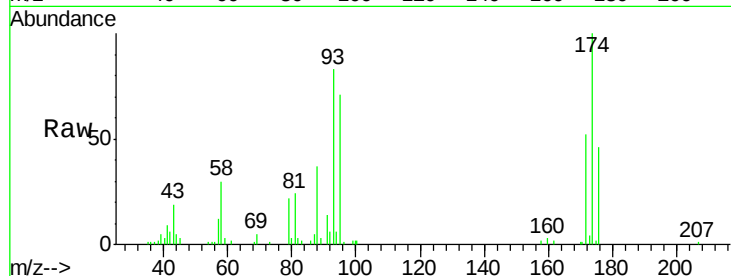
Tot Ion: 88 Resp: 8372

Ion Ratio Lower Upper

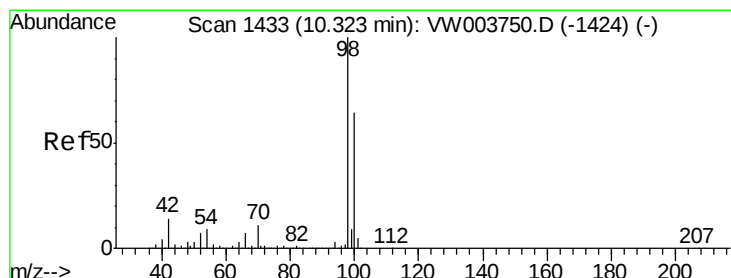
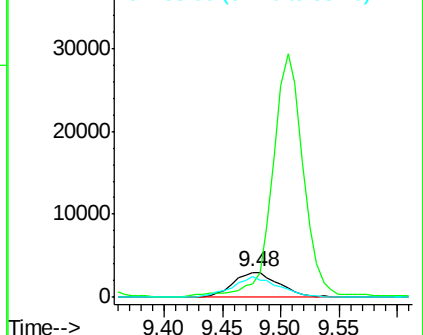
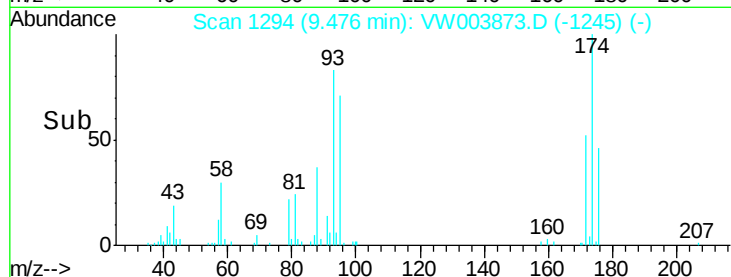
88 100

43 0.0 0.0 0.0

58 81.6 59.7 89.5



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



#50

Toluene-d8

Concen: 50.657 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW003873.D

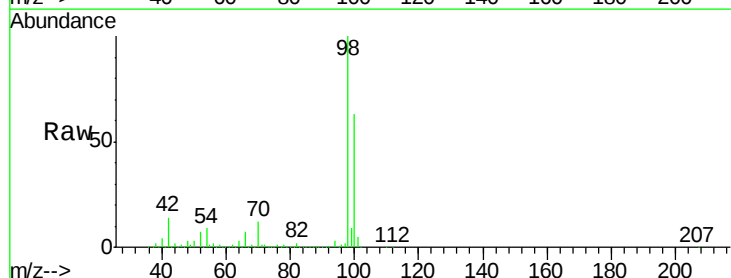
Acq: 11 Jul 2018 19:41

Tgt Ion: 98 Resp: 472101

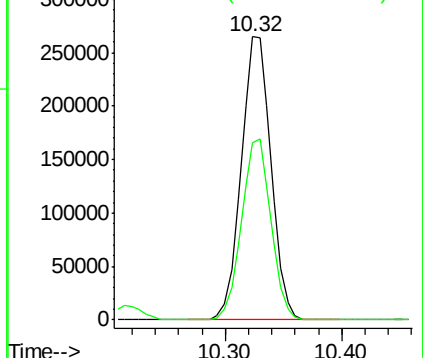
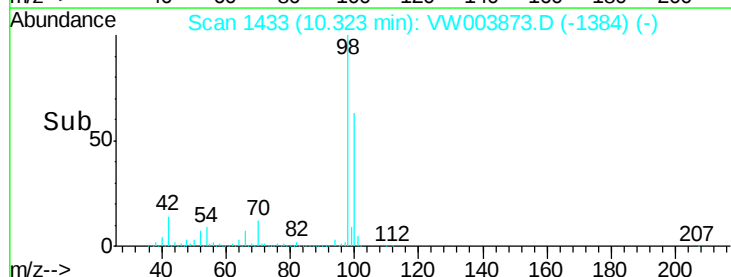
Ion Ratio Lower Upper

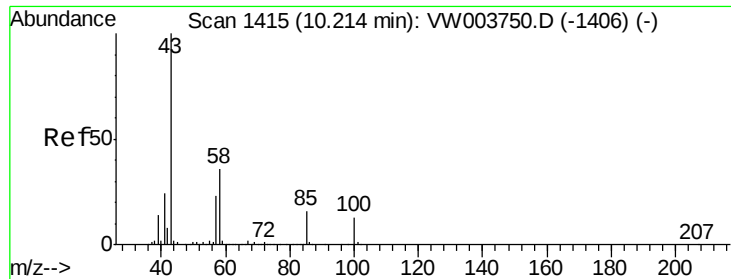
98 100

100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

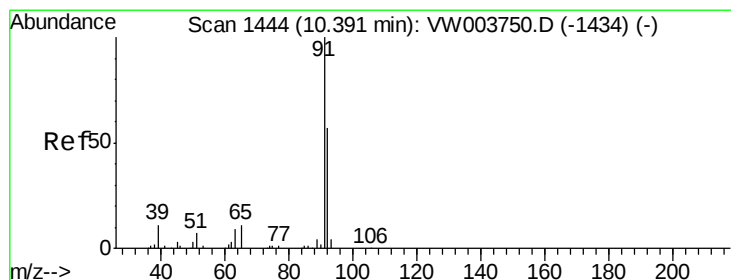
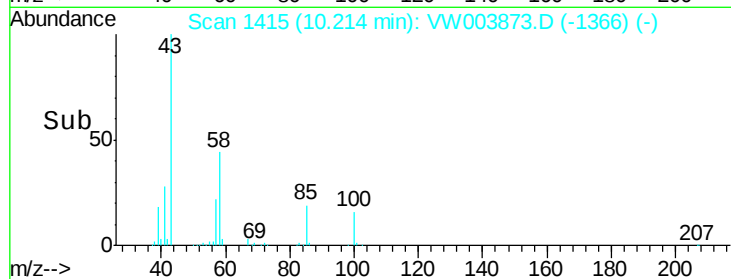
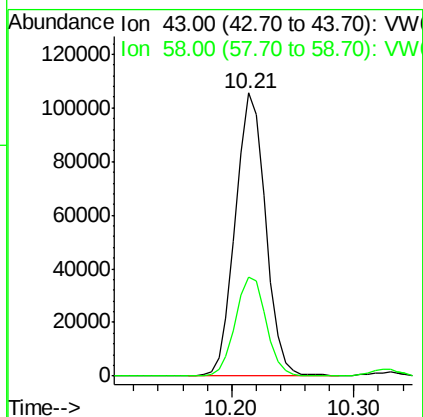
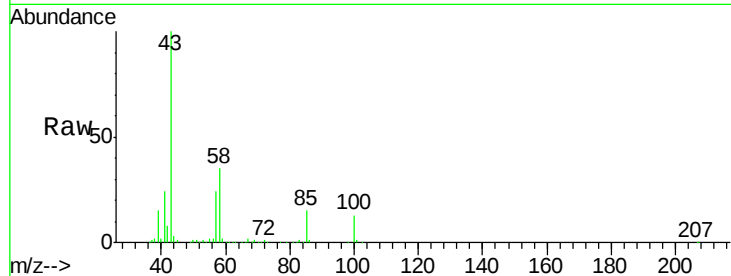




#51
 4-Methyl-2-Pentanone
 Concen: 102.510 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

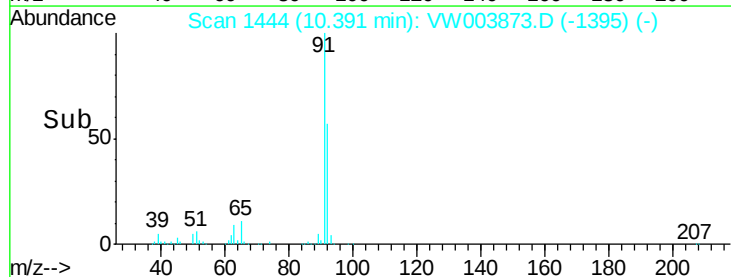
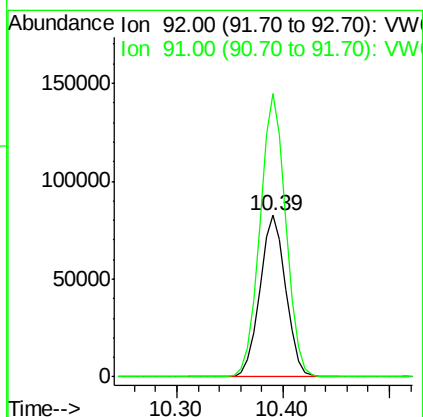
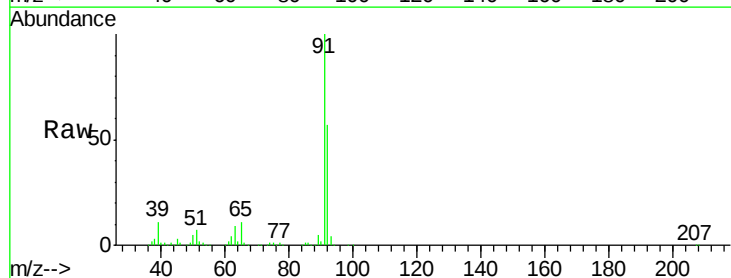
Instrument :
 MSVOA_W
 ClientSampled :

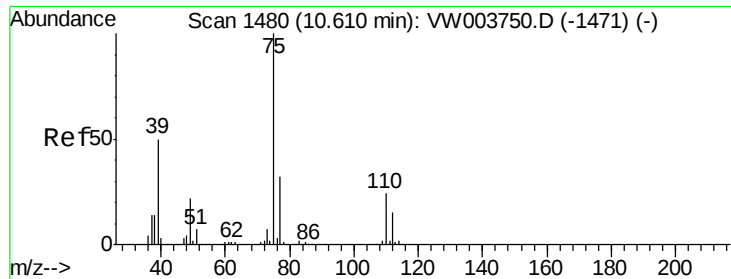
Tot Ion: 43 Resp: 180682
 Ion Ratio Lower Upper
 43 100
 58 35.6 29.3 43.9



#52
 Toluene
 Concen: 21.459 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion: 92 Resp: 140504
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.6 211.0

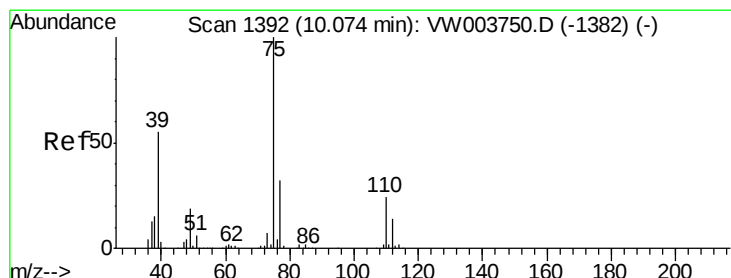
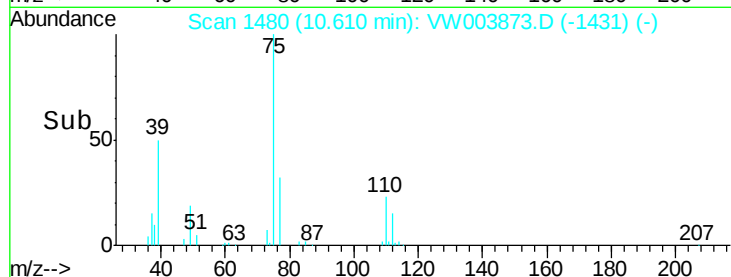
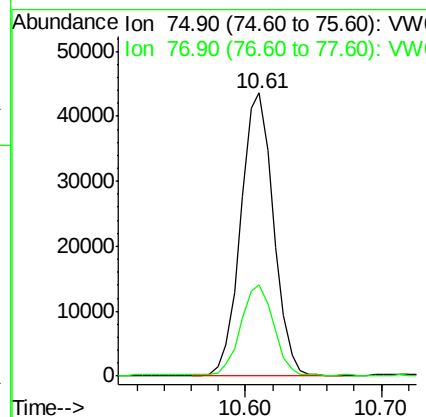
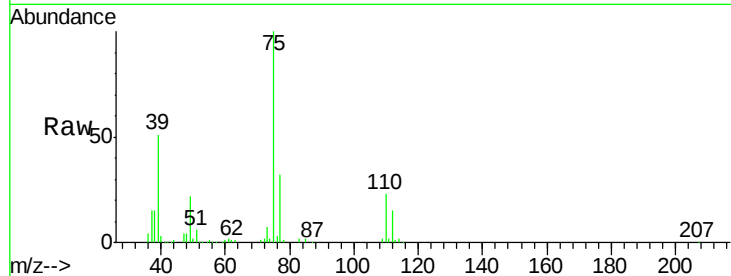




#53
t-1,3-Dichloropropene
Concen: 20.677 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

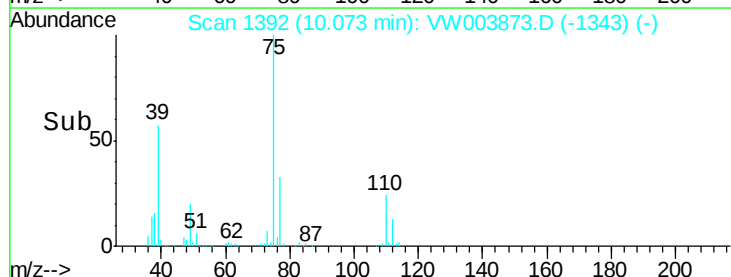
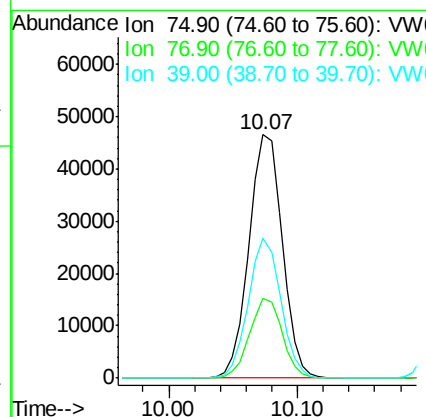
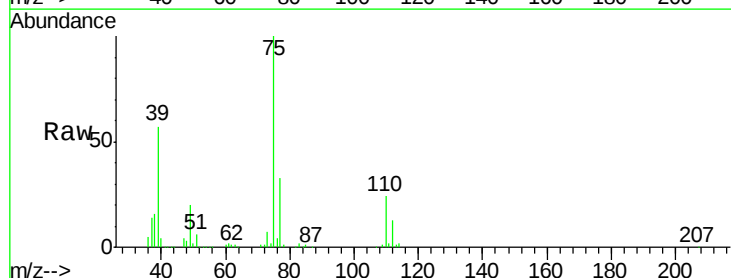
Instrument :
MSVOA_W
ClientSampleId :

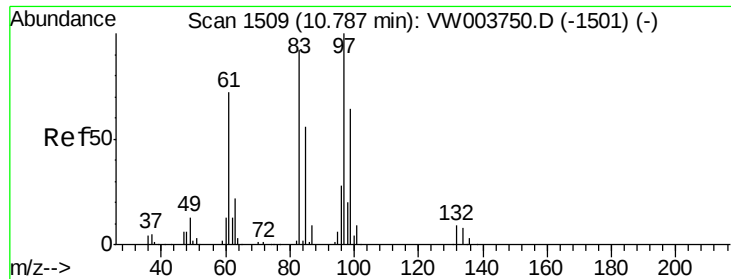
Tot Ion: 75 Resp: 73321
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 20.812 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 75 Resp: 83312
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
39 57.4 43.6 65.4





#55

1,1,2-Trichloroethane

Concen: 20.563 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

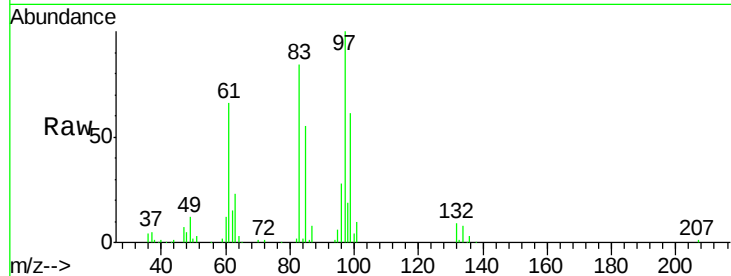
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 41230

Ion	Ratio	Lower	Upper
97	100		
83	83.5	73.8	110.6
85	55.5	45.0	67.4
99	61.4	51.2	76.8

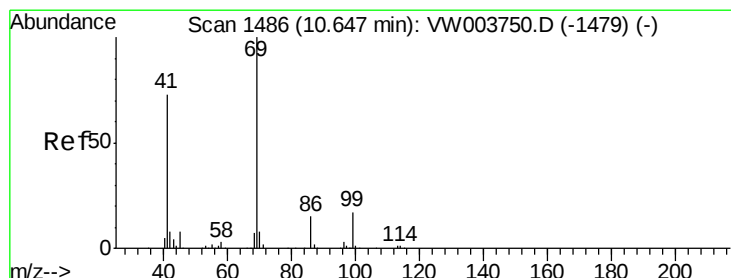
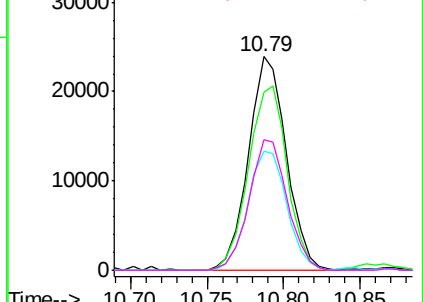
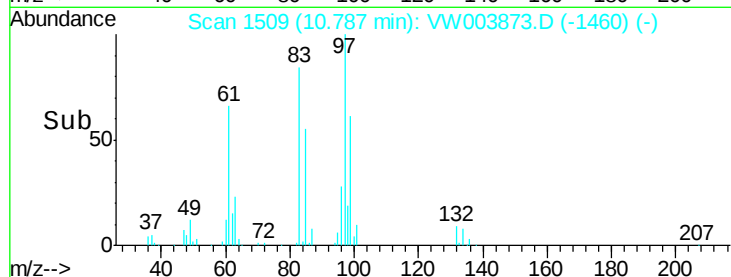


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.149 ug/l

RT: 10.65 min Scan# 1487

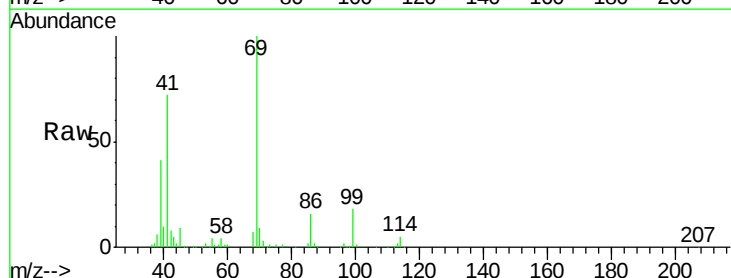
Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Tgt Ion: 69 Resp: 49301

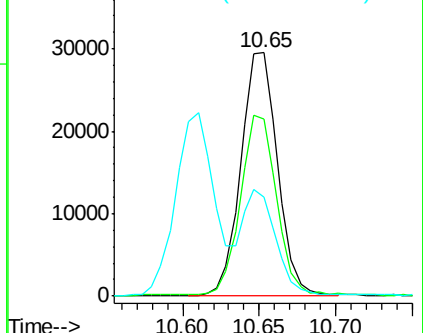
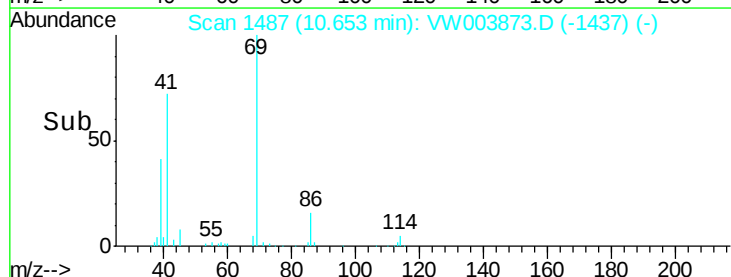
Ion	Ratio	Lower	Upper
69	100		
41	72.6	59.0	88.4
39	37.1	32.8	49.2

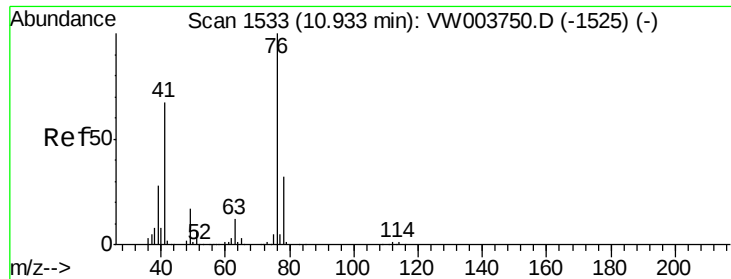


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

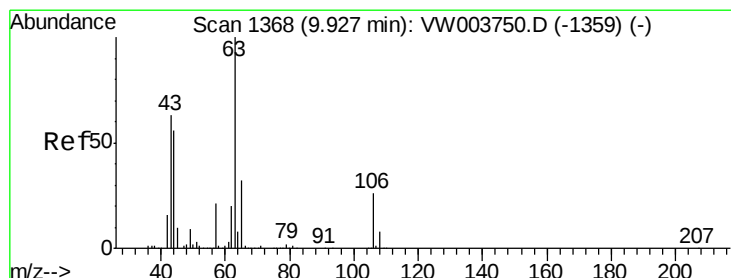
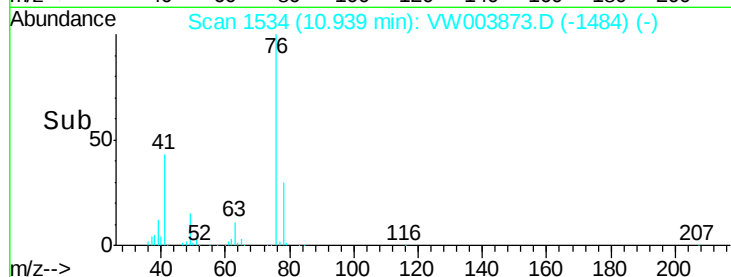
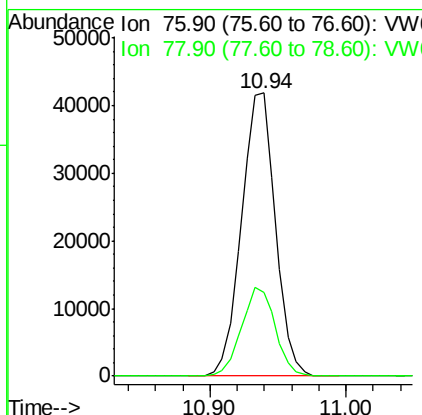
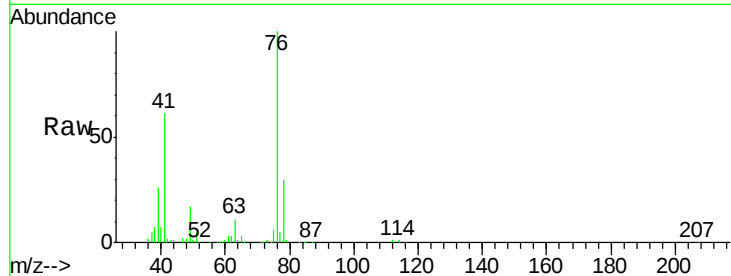




#57
 1,3-Dichloropropane
 Concen: 20.837 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

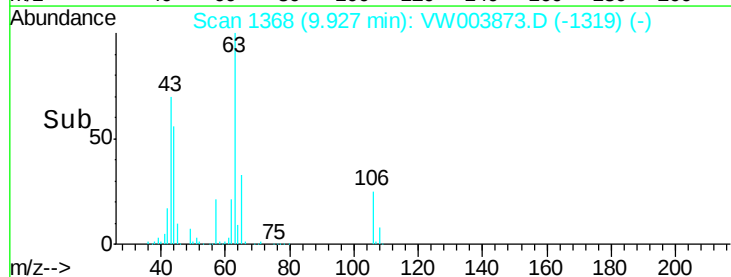
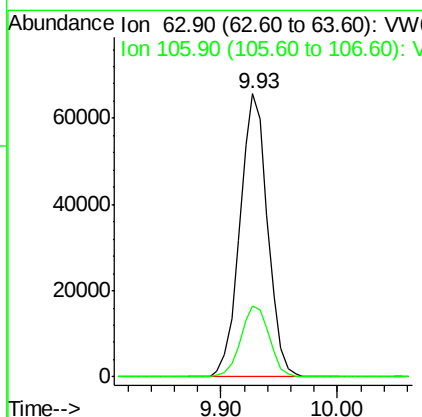
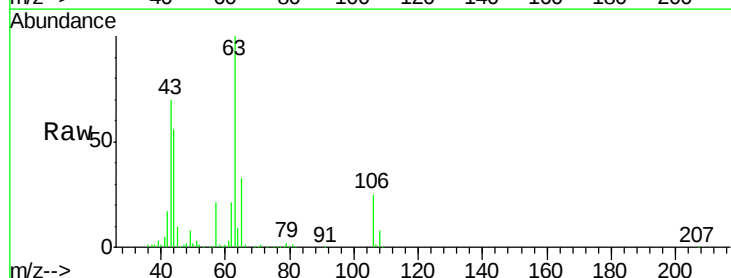
Instrument :
 MSVOA_W
 ClientSampleId :

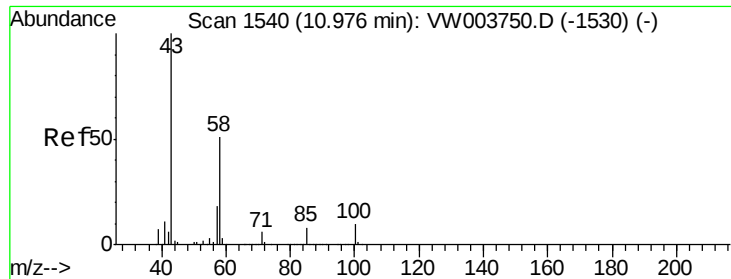
Tot Ion: 76 Resp: 72819
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.054 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion: 63 Resp: 108638
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.9 31.3

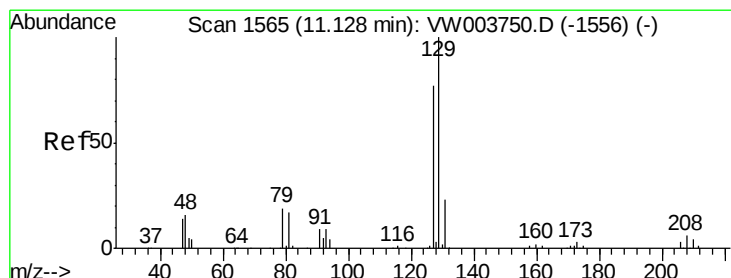
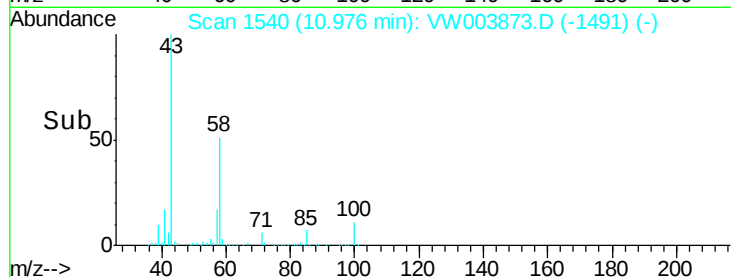
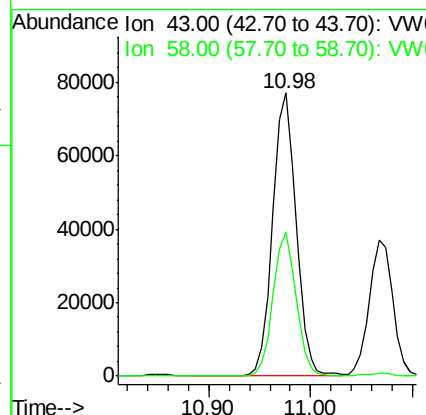
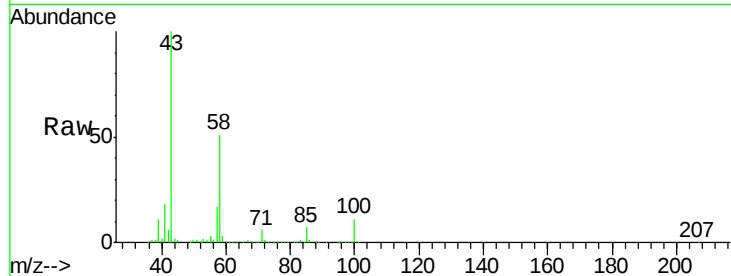




#59
2-Hexanone
Concen: 101.794 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

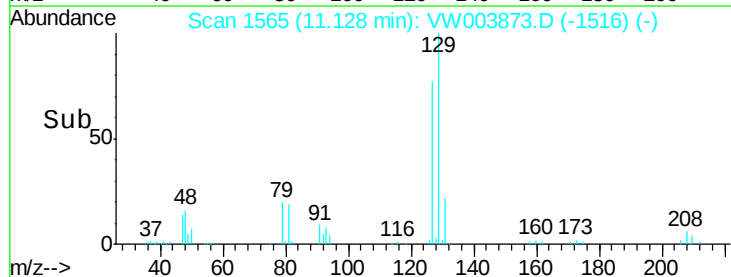
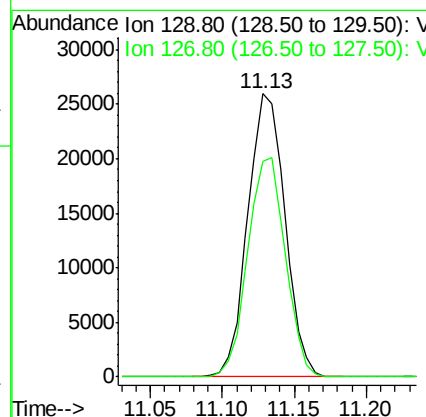
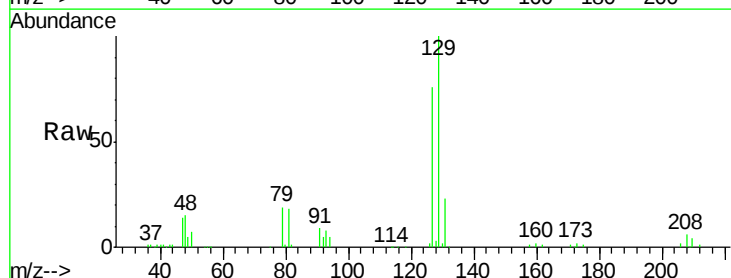
Instrument :
MSVOA_W
ClientSampled :

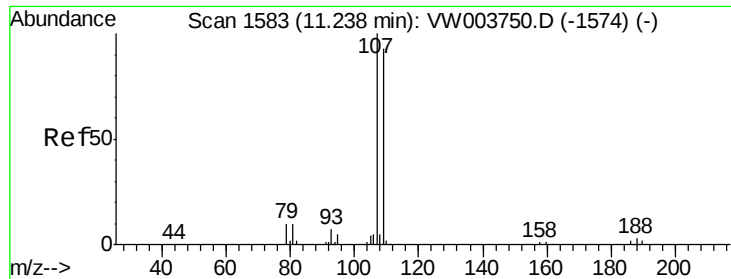
Tot Ion: 43 Resp: 123206
Ion Ratio Lower Upper
43 100
58 49.9 25.4 76.2



#60
Dibromochloromethane
Concen: 19.788 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion:129 Resp: 46314
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6

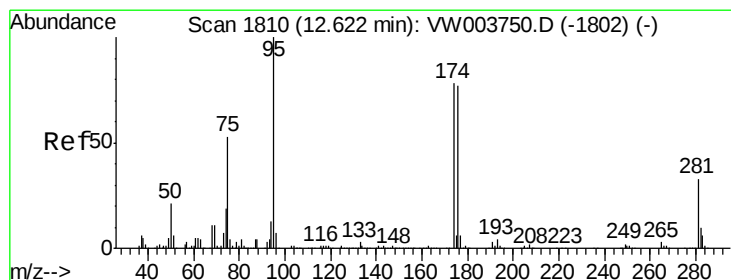
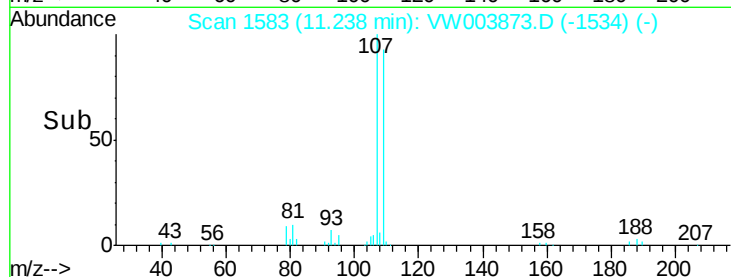
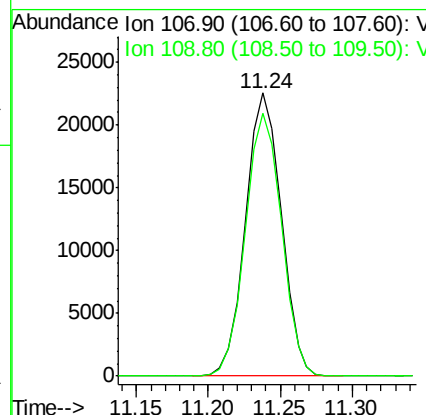
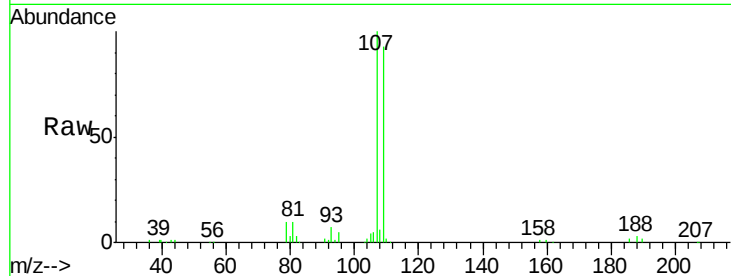




#61
 1,2-Dibromoethane
 Concen: 20.239 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

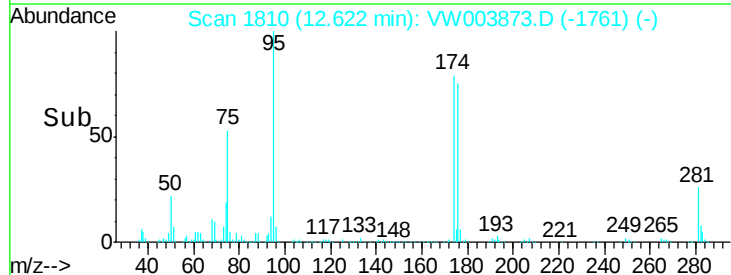
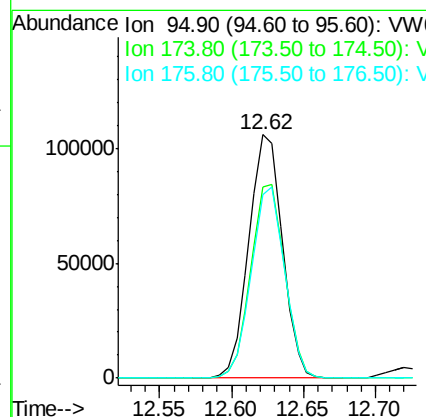
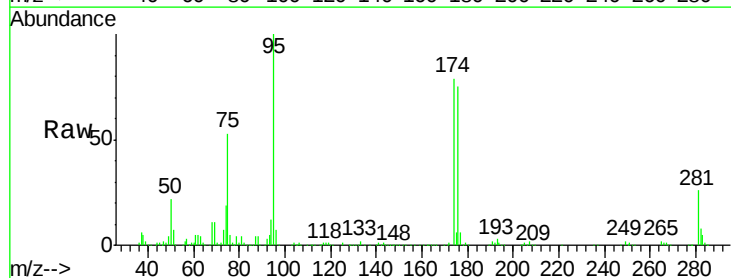
Instrument :
 MSVOA_W
 ClientSampled :

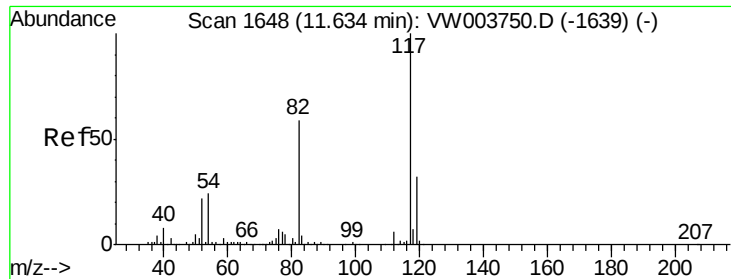
Tot Ion: 107 Resp: 38808
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.621 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion: 95 Resp: 170690
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 163.4
 176 78.0 0.0 156.8

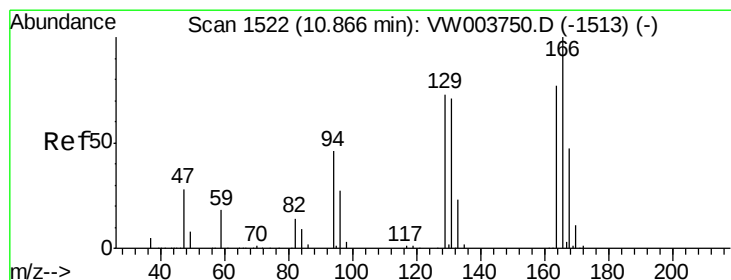
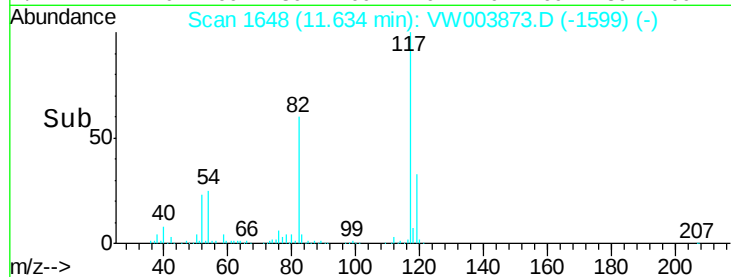
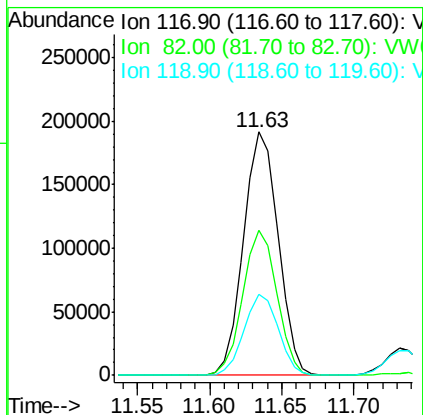
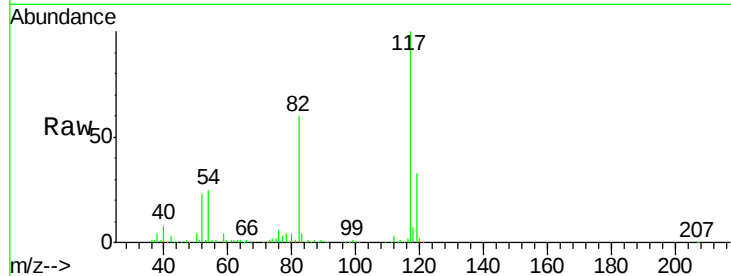




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

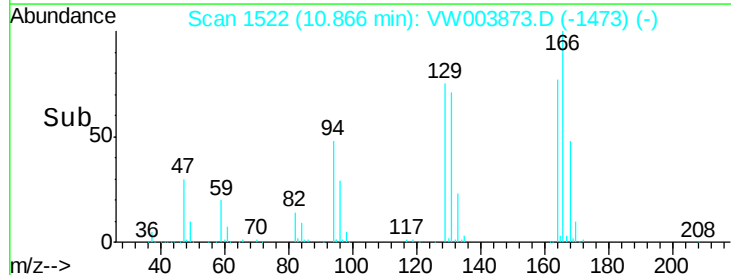
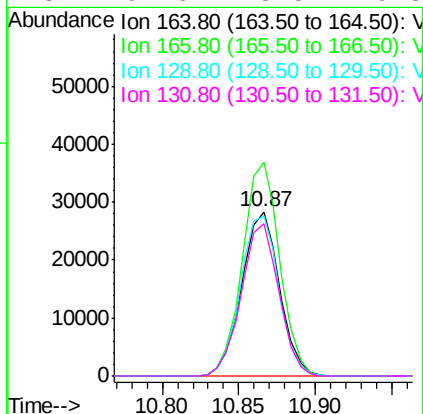
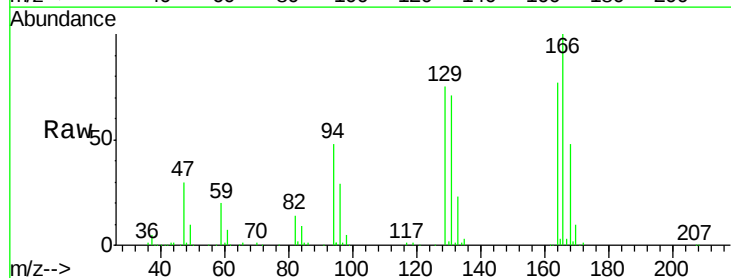
Instrument :
MSVOA_W
ClientSampleId :

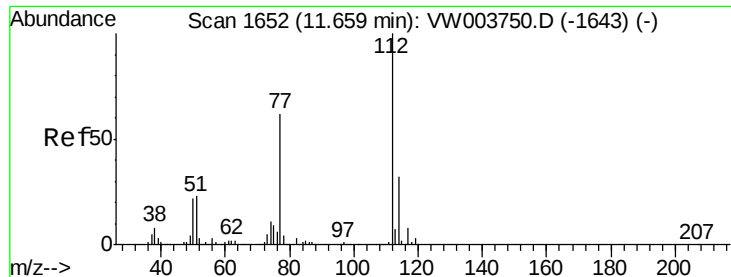
Tot Ion:117 Resp: 320114
Ion Ratio Lower Upper
117 100
82 59.6 46.9 70.3
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.542 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion:164 Resp: 48640
Ion Ratio Lower Upper
164 100
166 130.0 104.2 156.4
129 97.5 75.8 113.8
131 92.6 73.5 110.3





#65

Chlorobenzene

Concen: 21.475 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

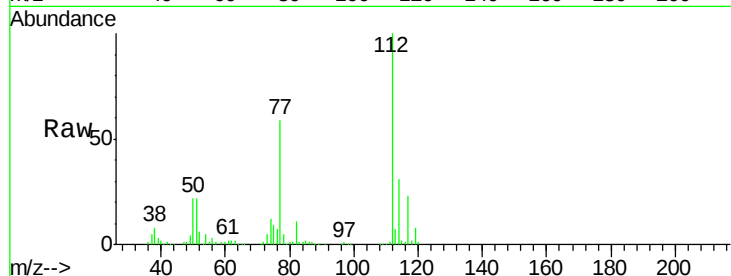
ClientSampled :

Tot Ion:112 Resp: 151545

Ion Ratio Lower Upper

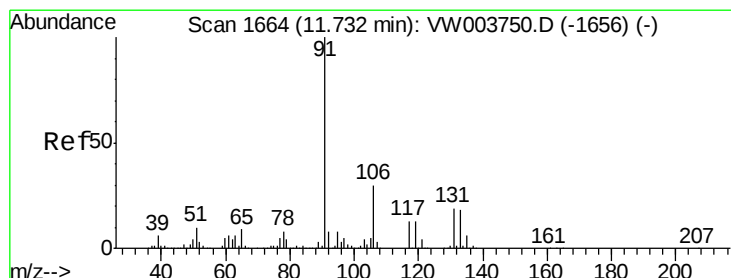
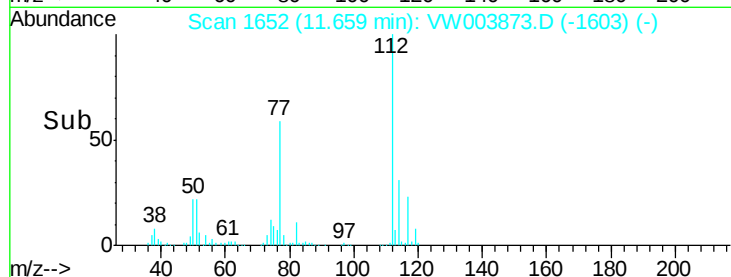
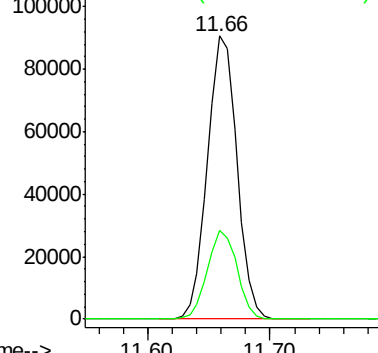
112 100

114 31.2 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.547 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

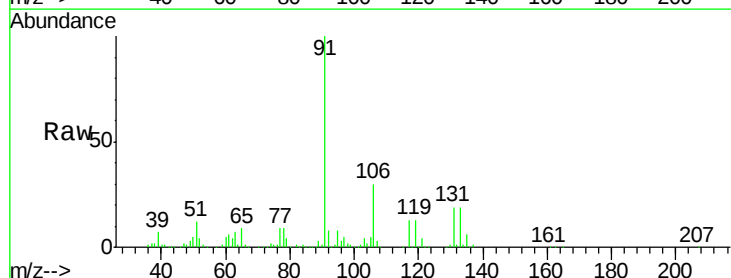
Tgt Ion:131 Resp: 50669

Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.2

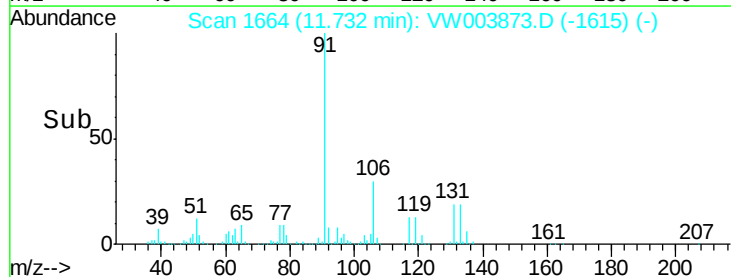
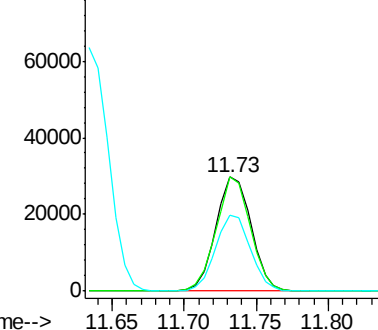
119 65.9 33.2 99.6

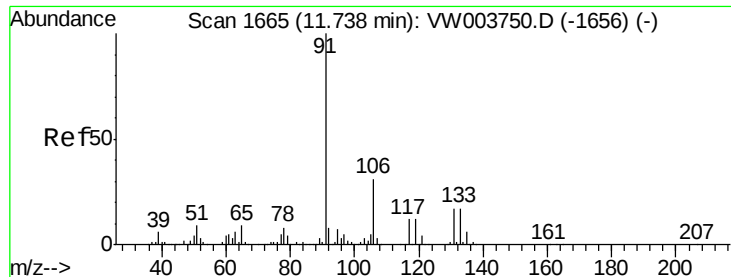


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

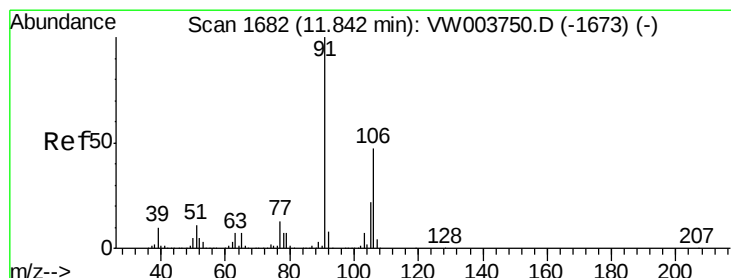
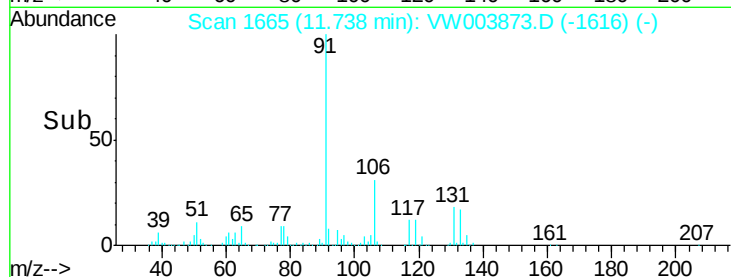
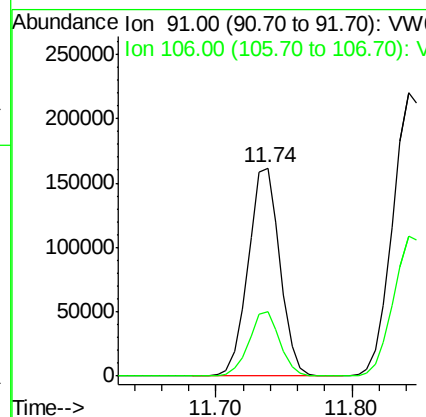
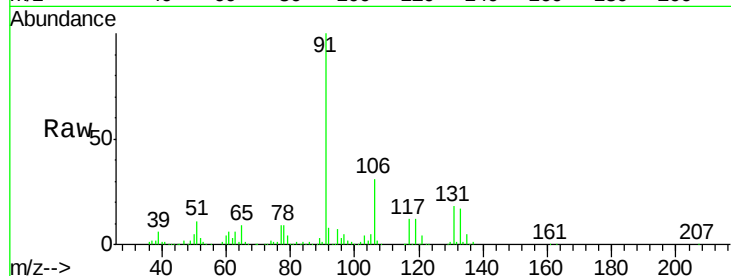




#67
Ethyl Benzene
Concen: 21.778 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

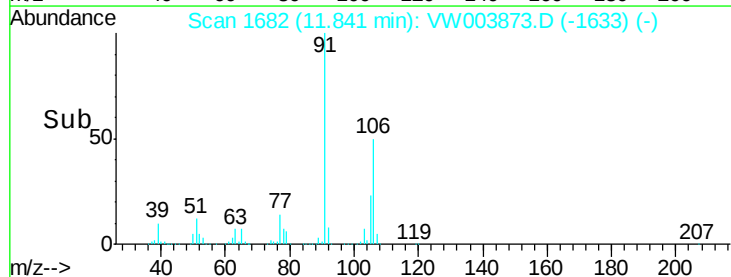
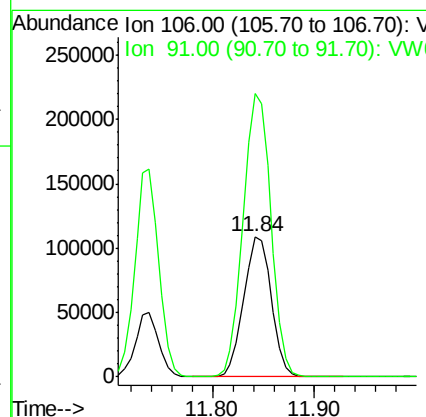
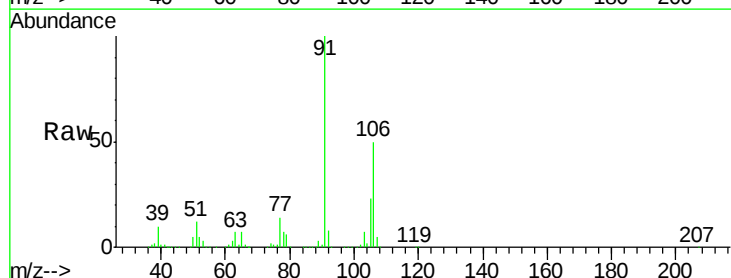
Instrument :
MSVOA_W
ClientSampled :

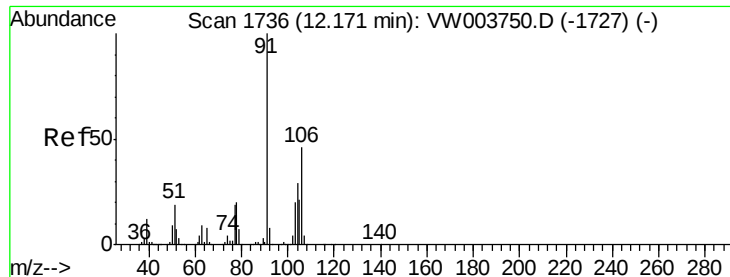
Tot Ion: 91 Resp: 262787
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 44.274 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 106 Resp: 204578
Ion Ratio Lower Upper
106 100
91 203.0 164.3 246.5

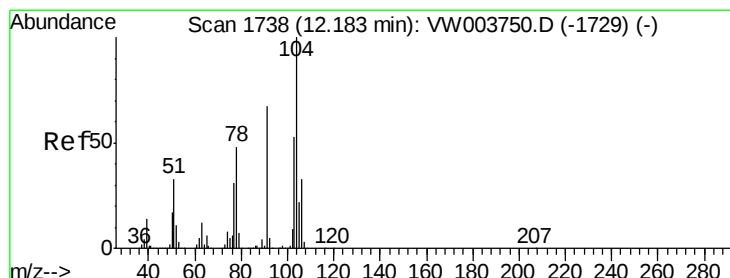
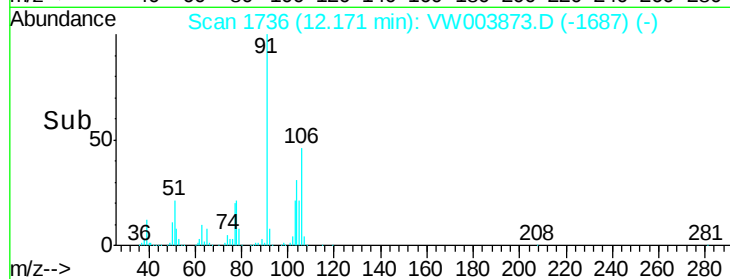
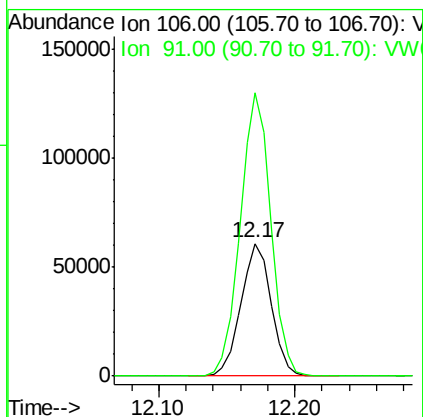
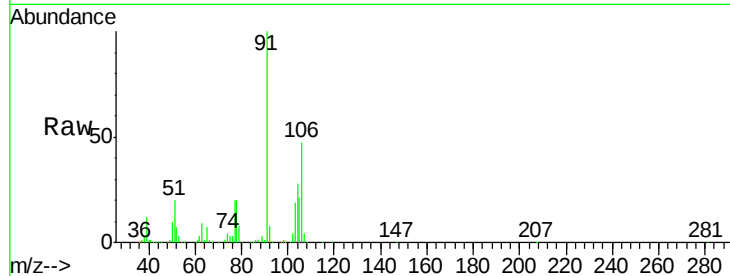




#69
o-Xylene
Concen: 22.232 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

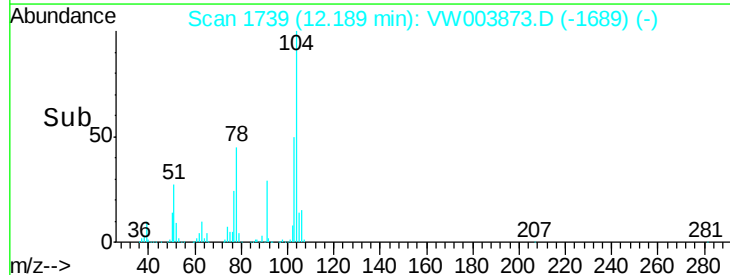
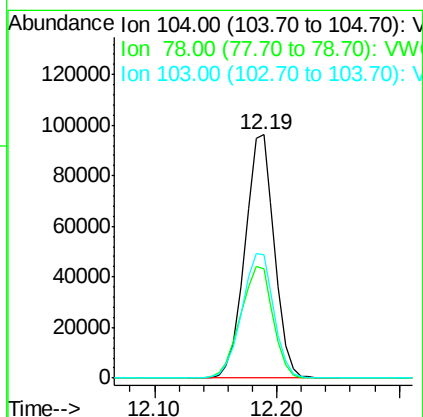
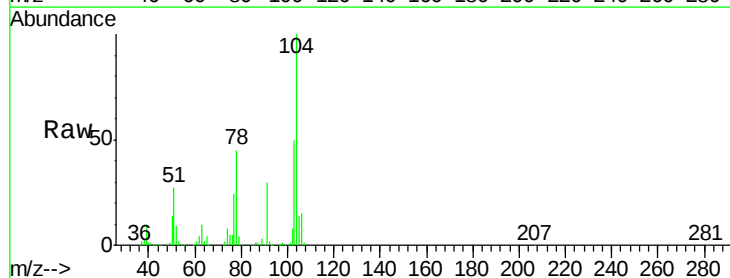
Instrument :
MSVOA_W
ClientSampled :

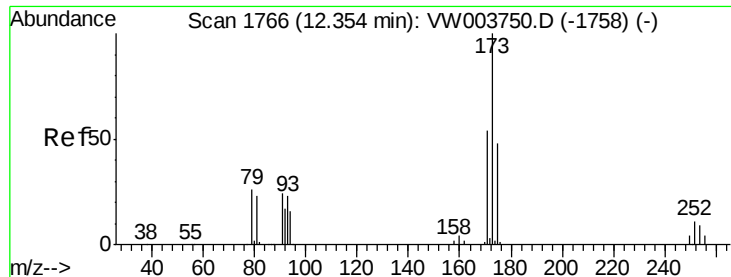
Tot Ion:106 Resp: 94788
Ion Ratio Lower Upper
106 100
91 215.0 109.1 327.2



#70
Styrene
Concen: 22.124 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion:104 Resp: 160405
Ion Ratio Lower Upper
104 100
78 51.0 41.1 61.7
103 55.9 44.6 67.0





#71

Bromoform

Concen: 20.668 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

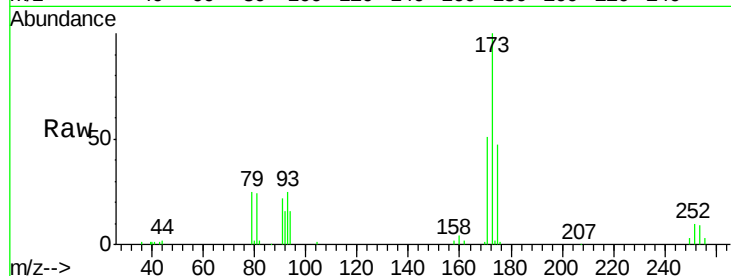
Tot Ion:173 Resp: 28128

Ion Ratio Lower Upper

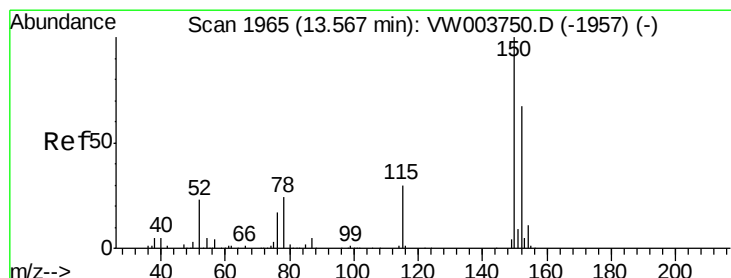
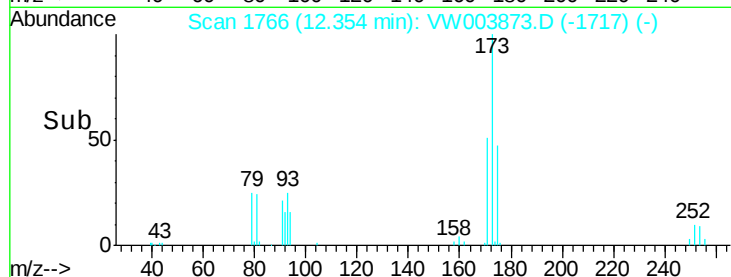
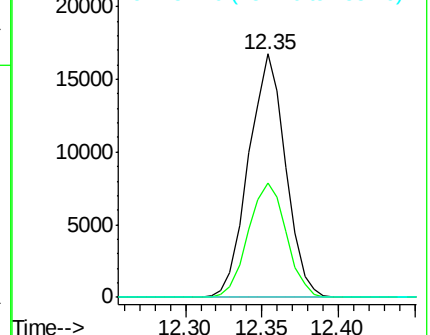
173 100

175 48.3 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

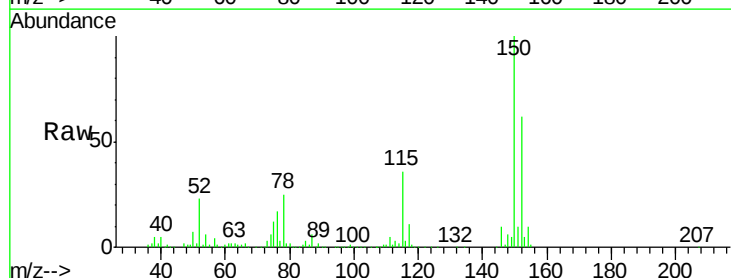
Tgt Ion:152 Resp: 173294

Ion Ratio Lower Upper

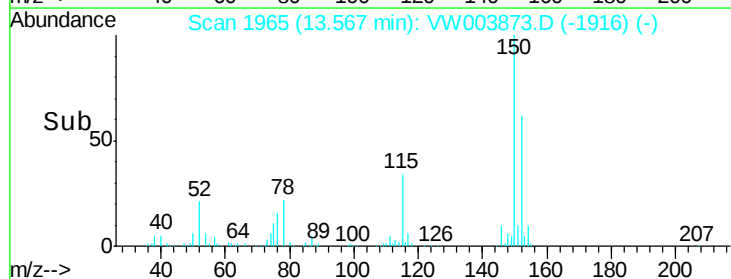
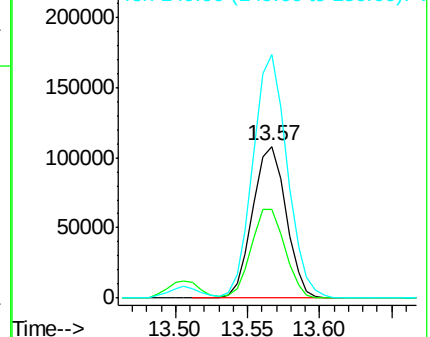
152 100

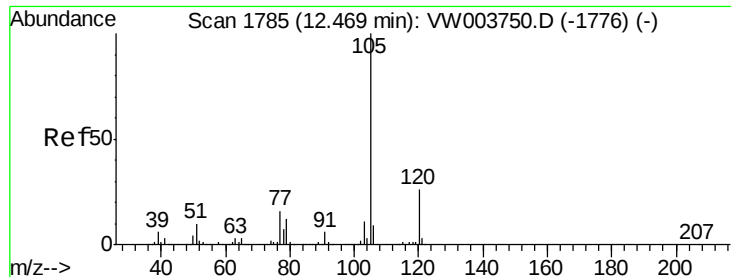
115 59.2 28.9 86.8

150 164.6 0.0 342.4



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





#73

Isopropylbenzene

Concen: 22.209 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

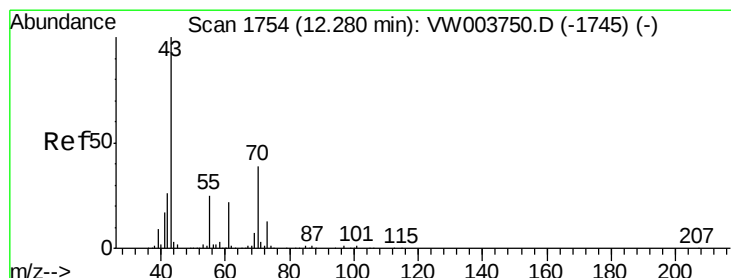
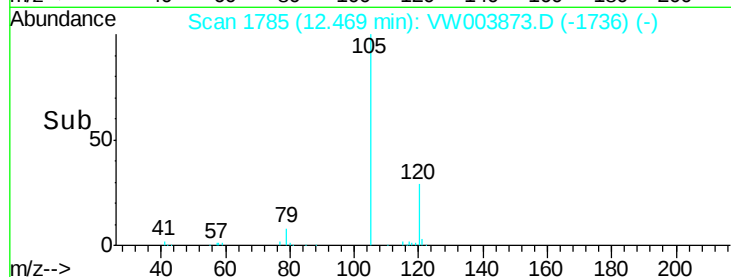
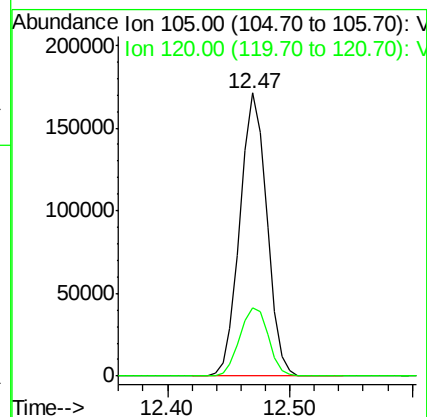
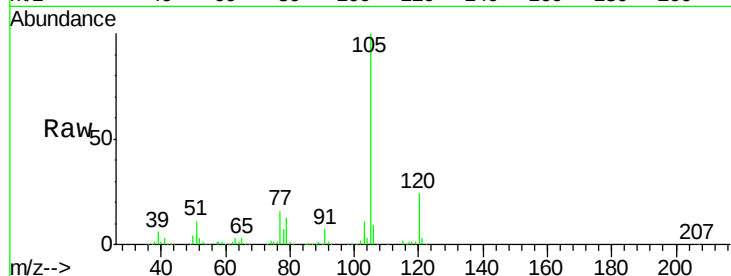
ClientSampleId :

Tot Ion:105 Resp: 260644

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.3



#74

N-ethyl acetate

Concen: 20.519 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Tgt Ion: 43 Resp: 65273

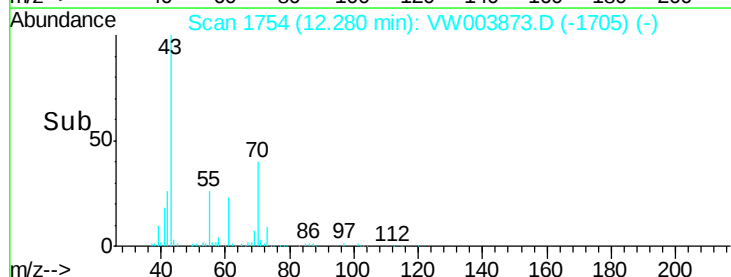
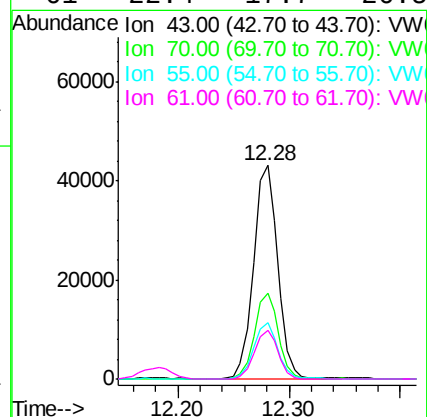
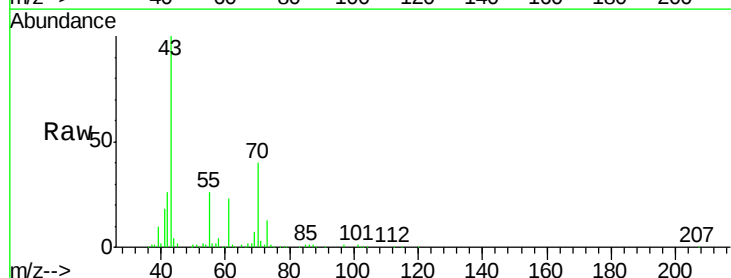
Ion Ratio Lower Upper

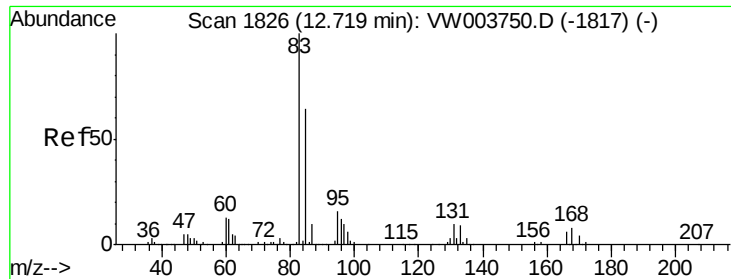
43 100

70 39.6 31.3 46.9

55 26.6 20.1 30.1

61 22.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.995 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

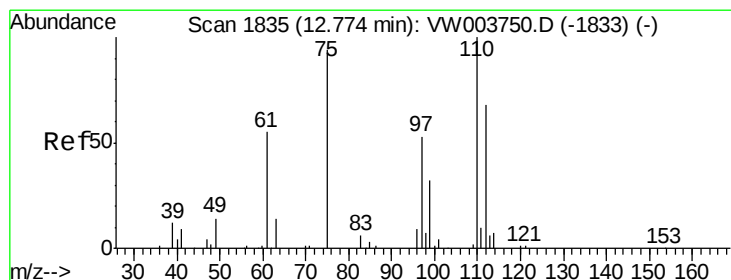
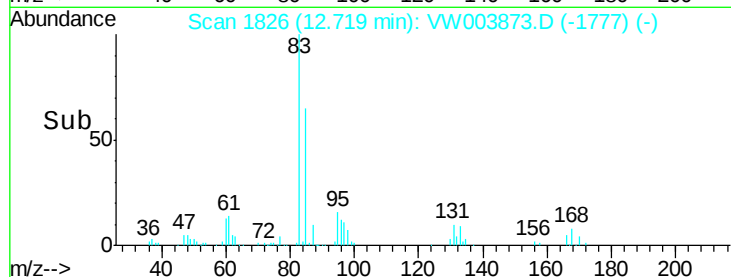
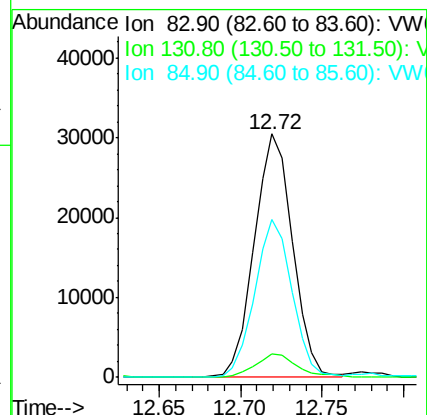
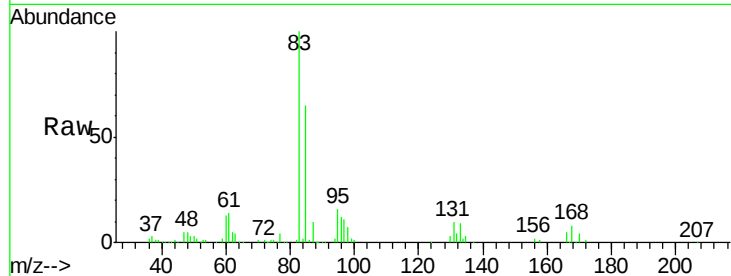
Tot Ion: 83 Resp: 49950

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 63.2 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 39.471 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003873.D

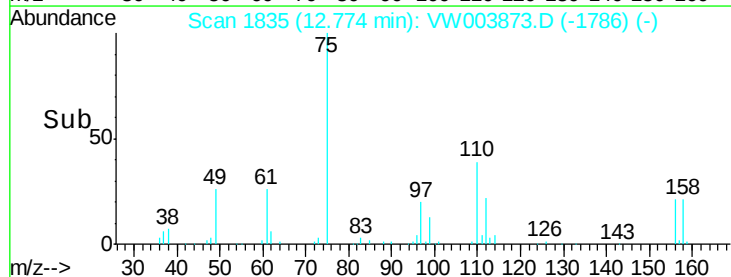
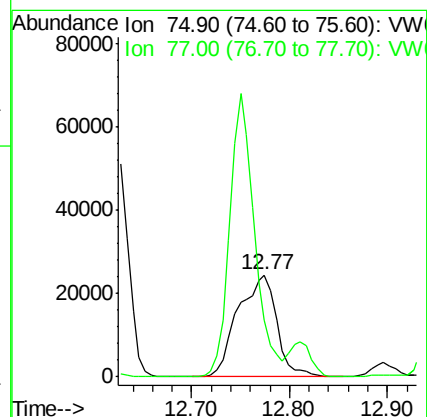
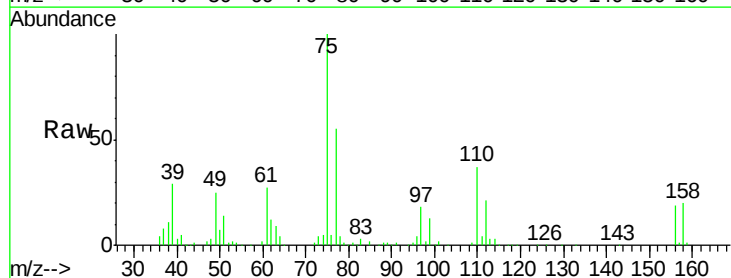
Acq: 11 Jul 2018 19:41

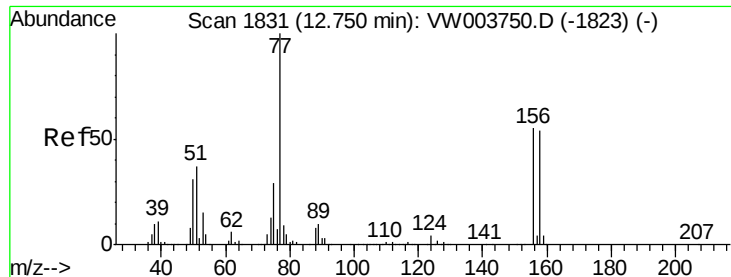
Tgt Ion: 75 Resp: 67169

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.125 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

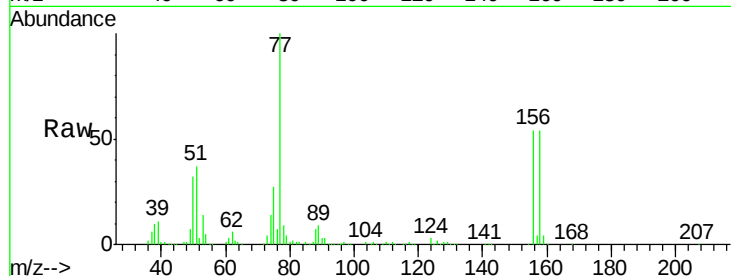
Tot Ion:156 Resp: 61549

Ion Ratio Lower Upper

156 100

77 195.2 98.7 296.0

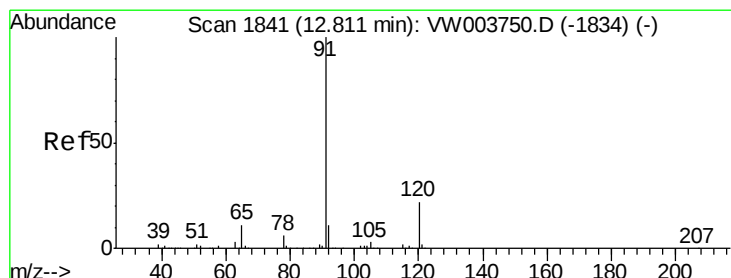
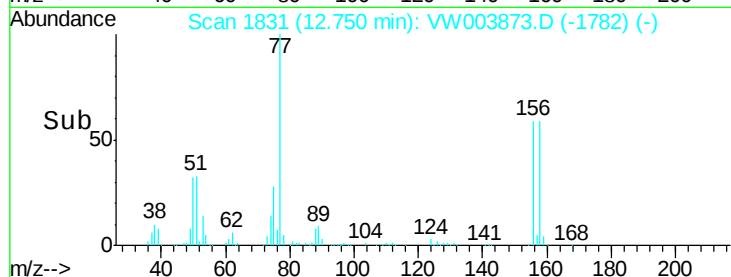
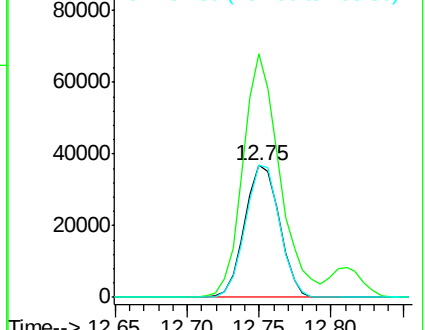
158 98.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.558 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003873.D

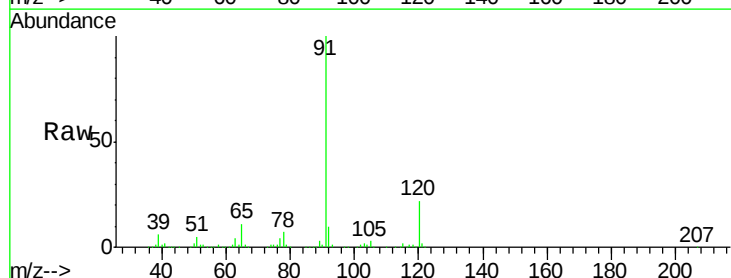
Acq: 11 Jul 2018 19:41

Tgt Ion: 91 Resp: 332331

Ion Ratio Lower Upper

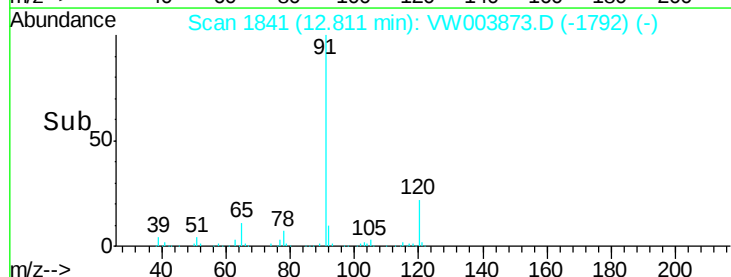
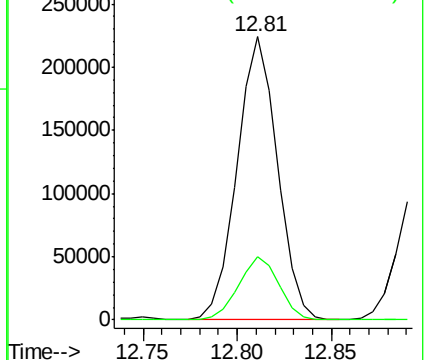
91 100

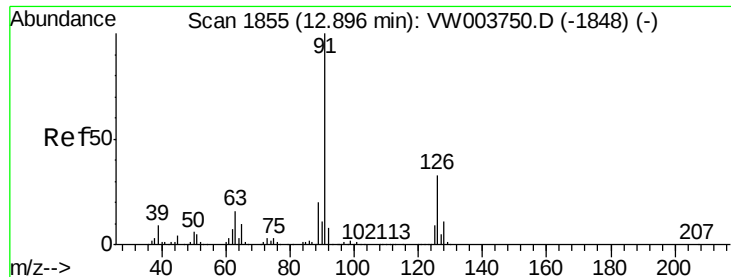
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.808 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

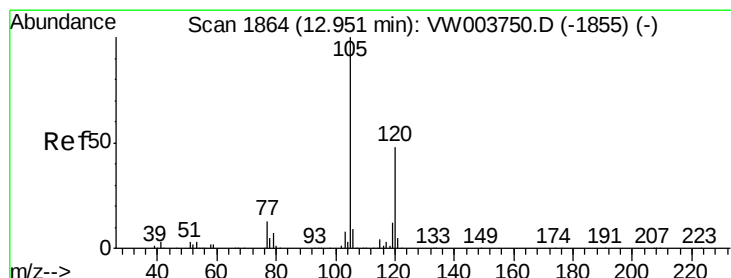
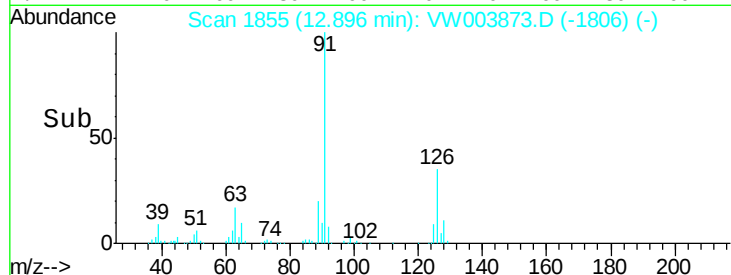
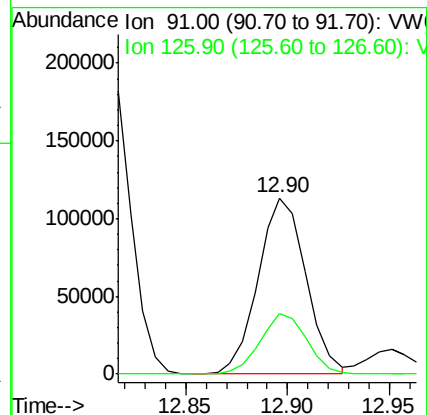
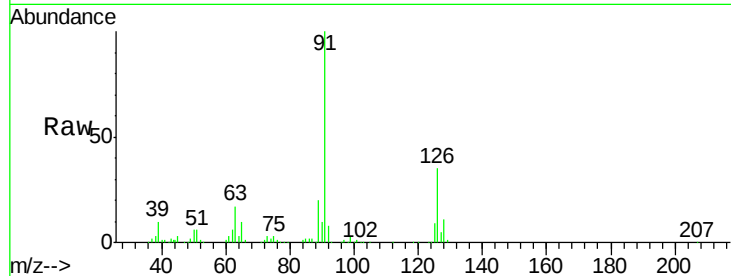
ClientSampled :

Tot Ion: 91 Resp: 184579

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 22.417 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003873.D

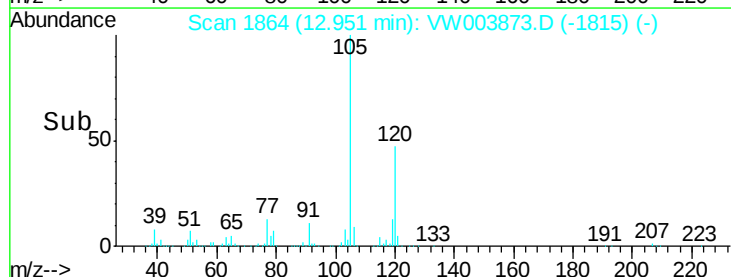
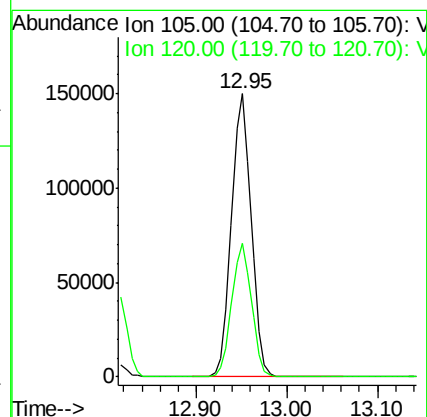
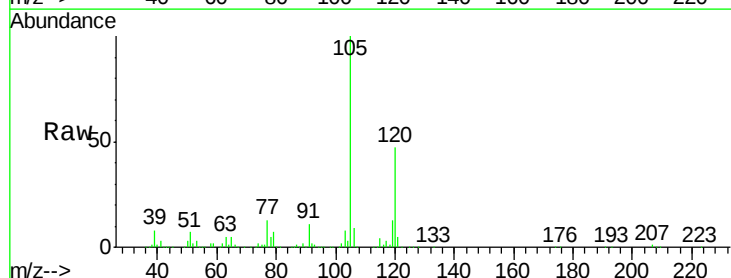
Acq: 11 Jul 2018 19:41

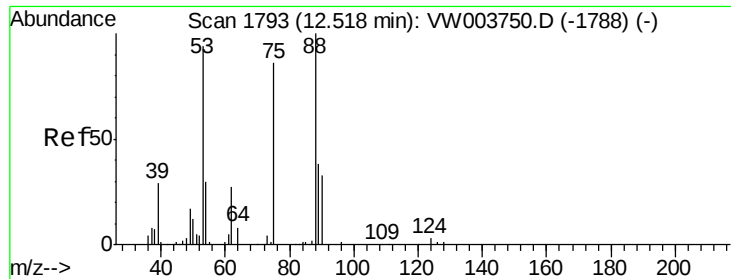
Tgt Ion:105 Resp: 226743

Ion Ratio Lower Upper

105 100

120 47.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.962 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

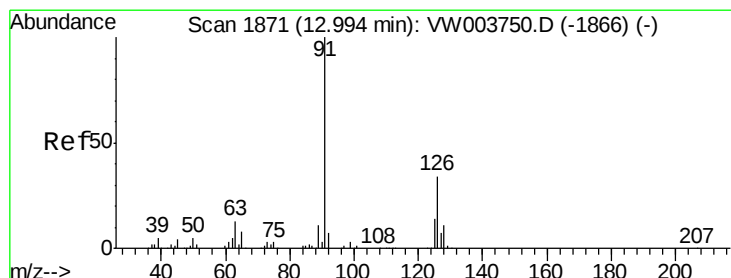
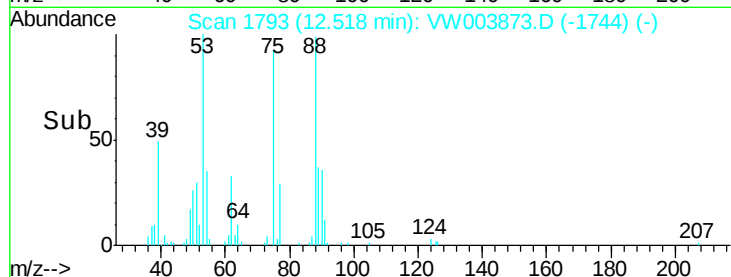
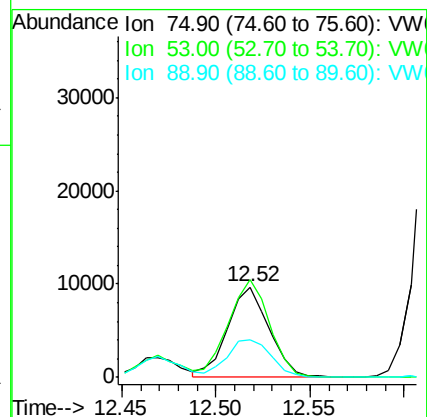
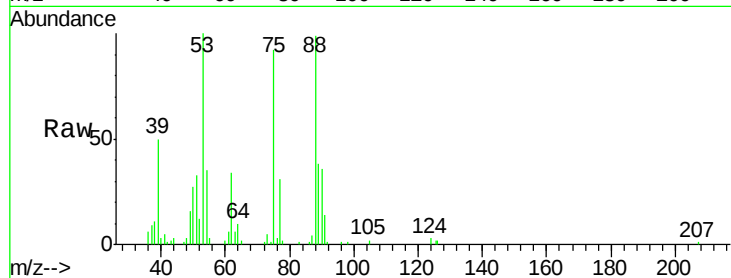
Tot Ion: 75 Resp: 14582

Ion Ratio Lower Upper

75 100

53 109.7 85.0 127.6

89 44.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 22.179 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003873.D

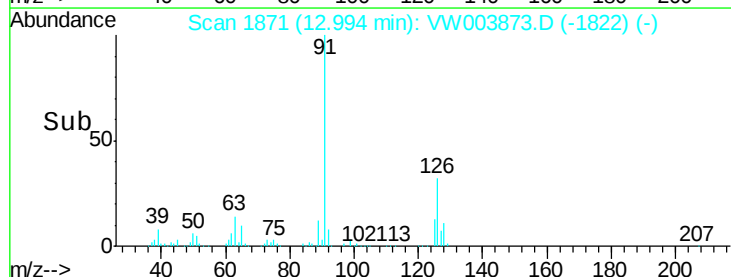
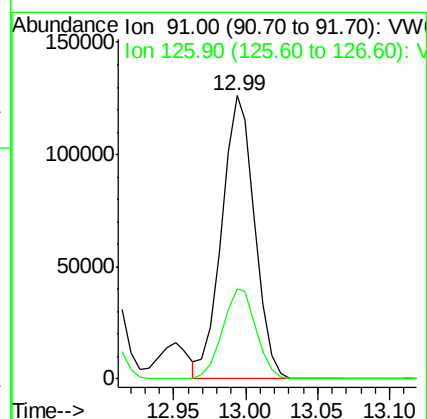
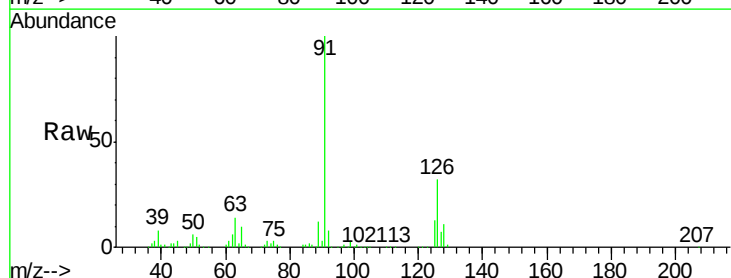
Acq: 11 Jul 2018 19:41

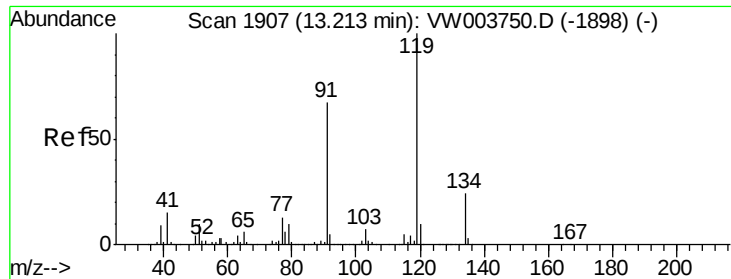
Tgt Ion: 91 Resp: 201858

Ion Ratio Lower Upper

91 100

126 32.5 16.5 49.5

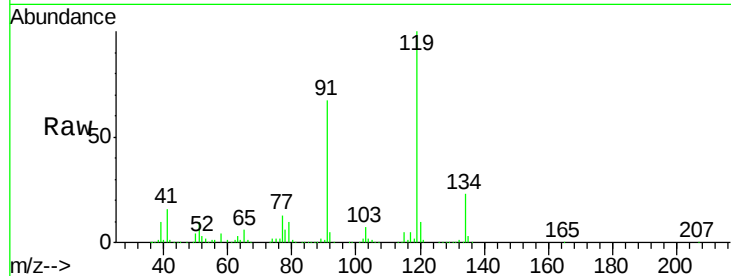




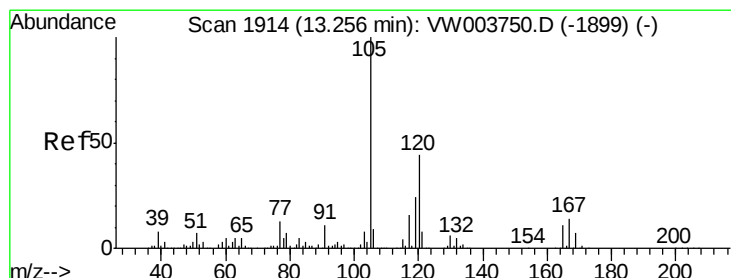
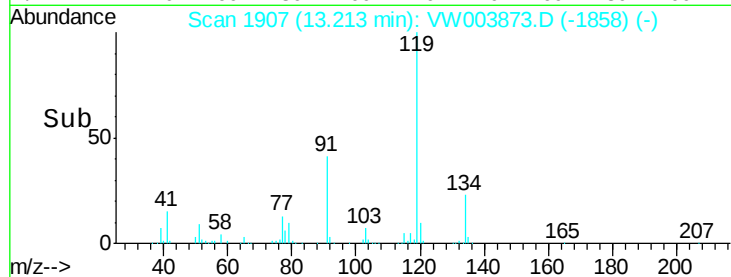
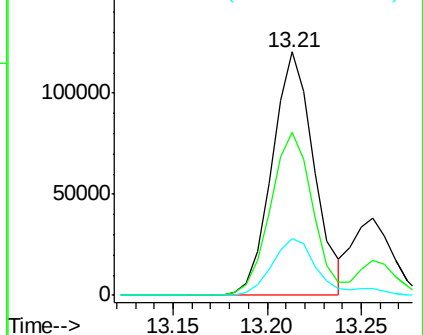
#83
tert-Butylbenzene
Concen: 22.278 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 185843
Ion Ratio Lower Upper
119 100
91 67.2 33.0 98.9
134 24.2 12.8 38.4

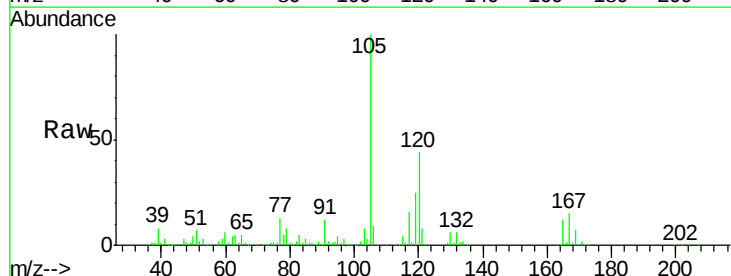


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

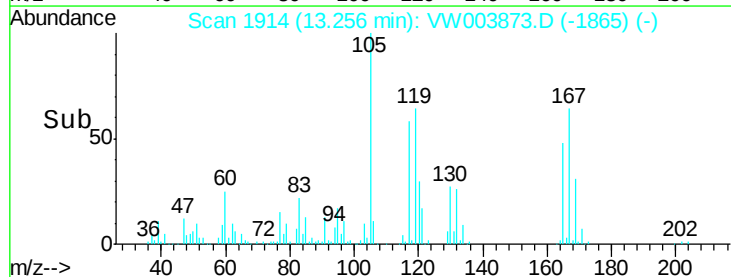
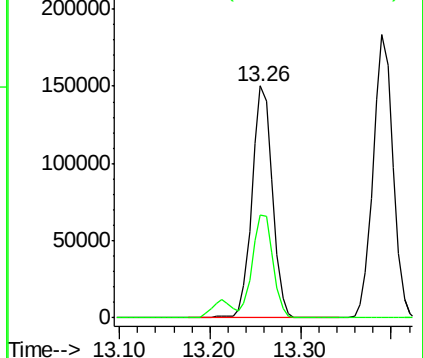


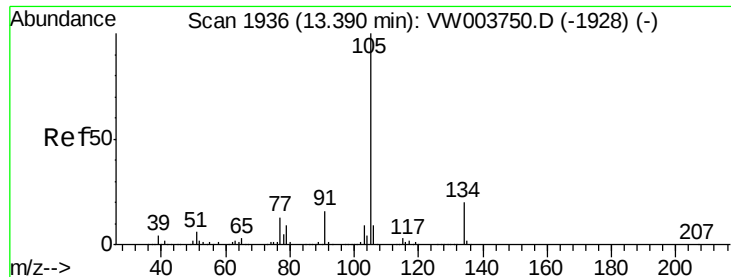
#84
1,2,4-Trimethylbenzene
Concen: 22.281 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion:105 Resp: 234129
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0



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

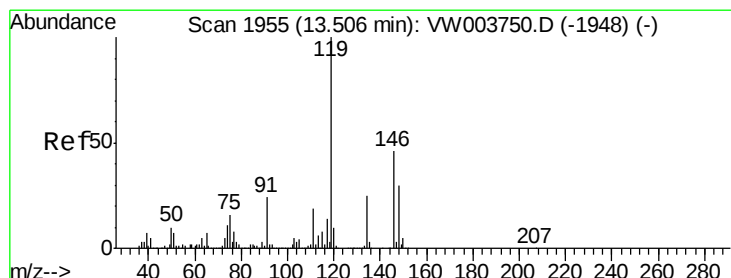
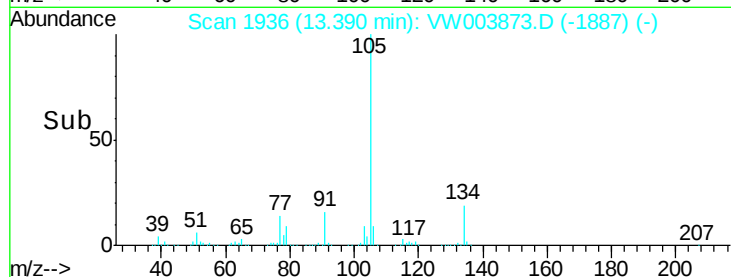
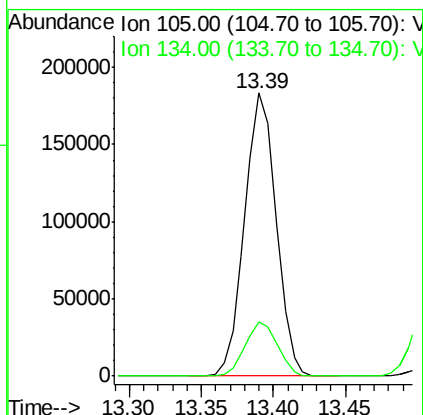
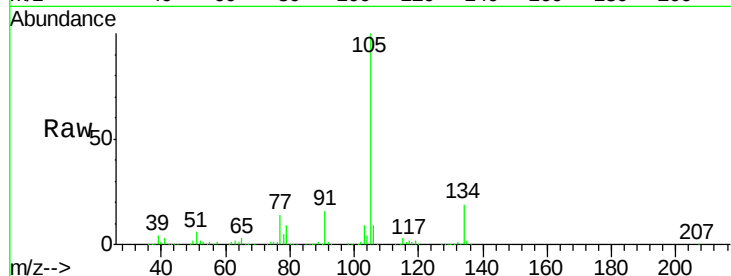




#85
 sec-Butylbenzene
 Concen: 22.297 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

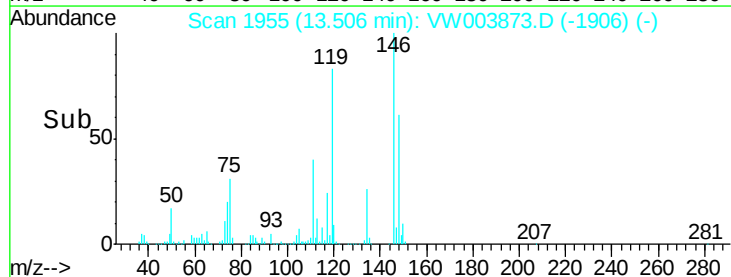
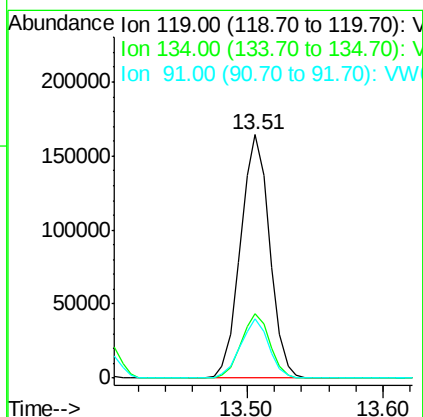
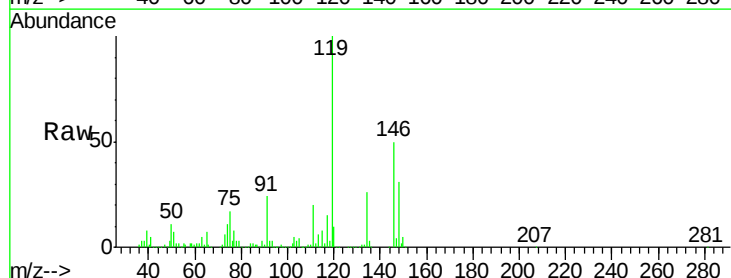
Instrument :
 MSVOA_W
 ClientSampleId :

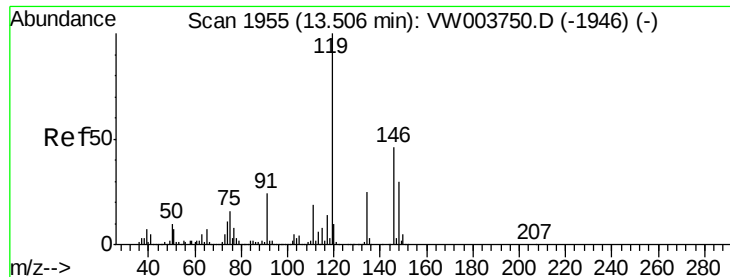
Tot Ion:105 Resp: 278248
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 22.431 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion:119 Resp: 244598
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 21.569 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

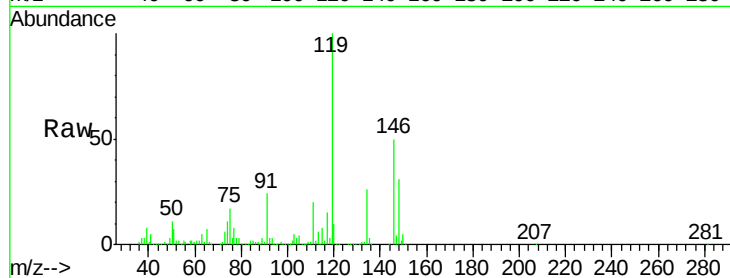
Tot Ion:146 Resp: 127324

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

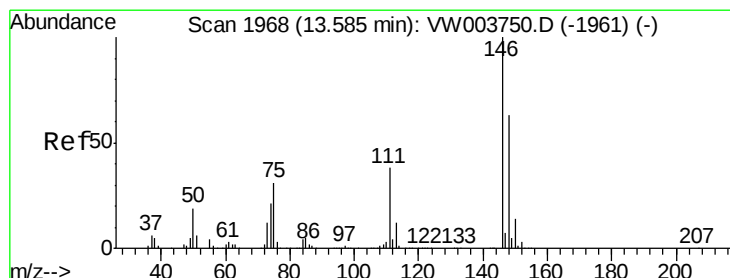
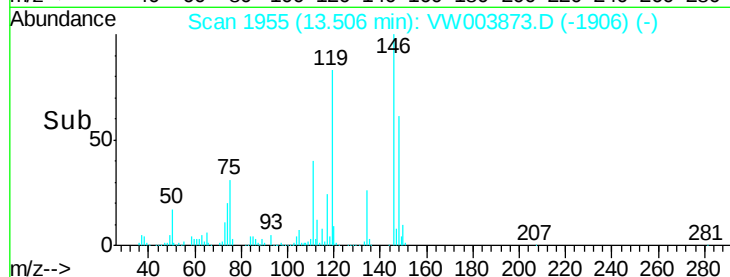
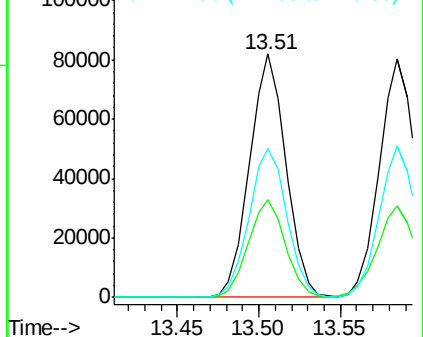
148 63.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.118 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

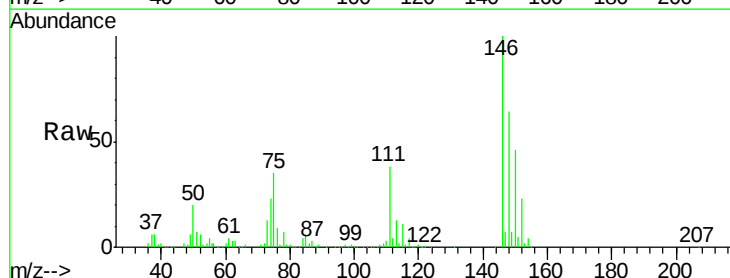
Tgt Ion:146 Resp: 125359

Ion Ratio Lower Upper

146 100

111 40.2 19.4 58.4

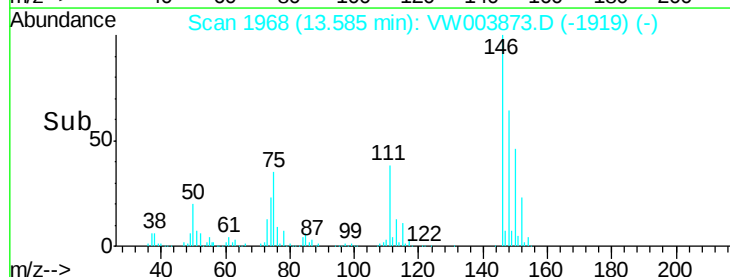
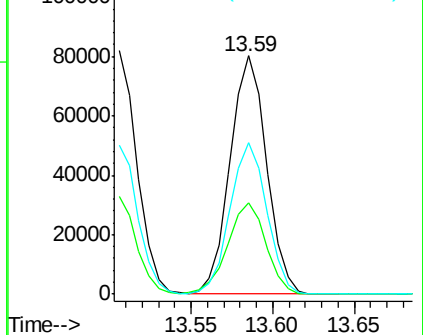
148 64.2 31.9 95.7

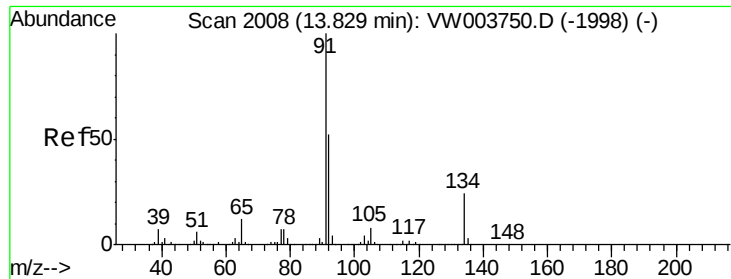


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.051 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

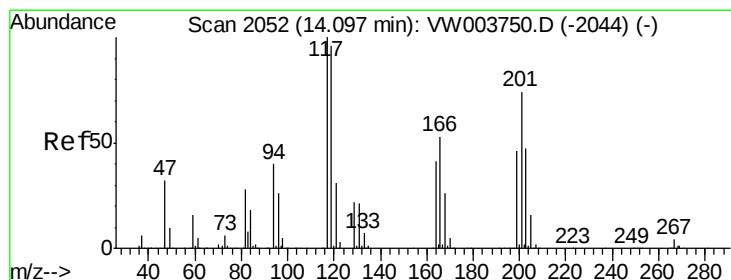
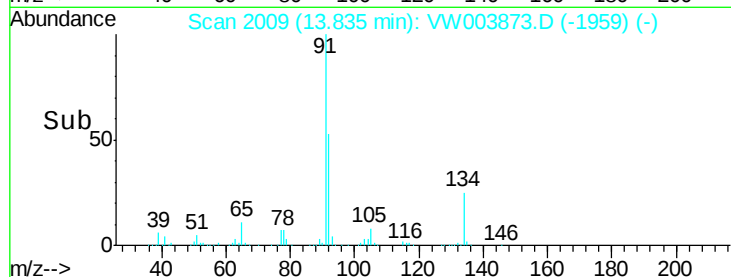
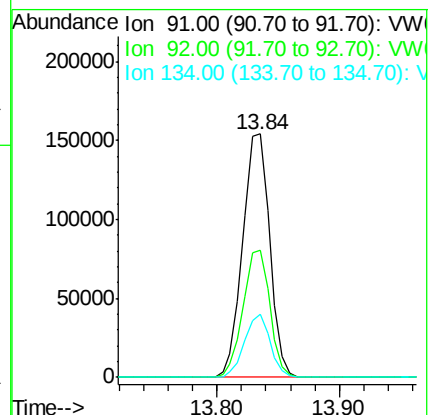
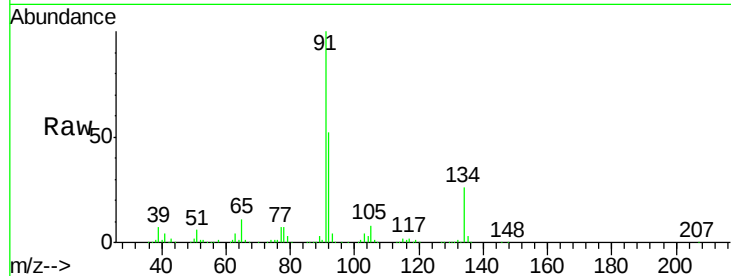
Tot Ion: 91 Resp: 236519

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.3

134 24.5 12.4 37.4



#90

Hexachloroethane

Concen: 20.915 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW003873.D

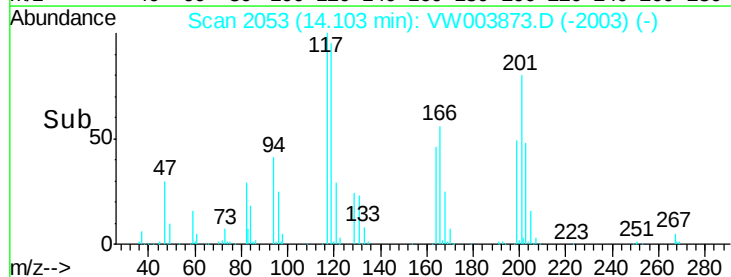
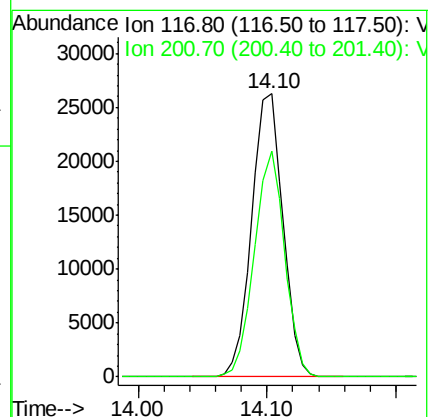
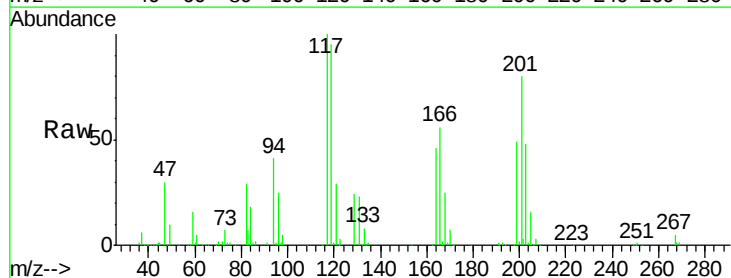
Acq: 11 Jul 2018 19:41

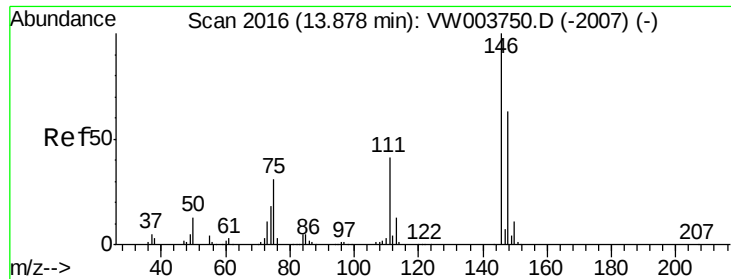
Tgt Ion: 117 Resp: 43932

Ion Ratio Lower Upper

117 100

201 77.2 39.2 117.6

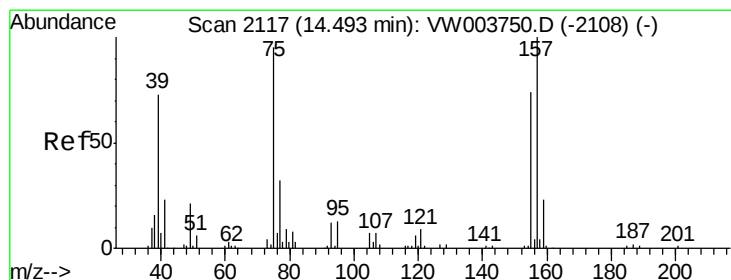
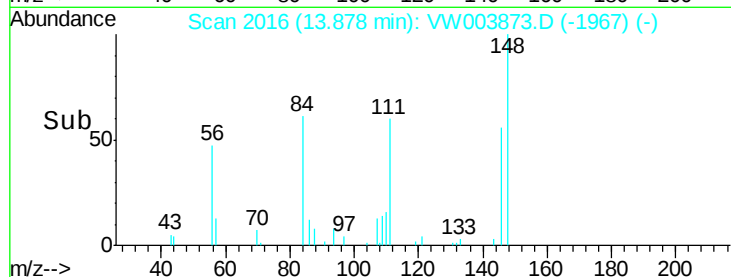
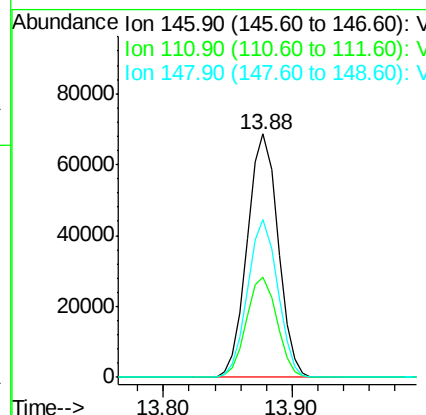
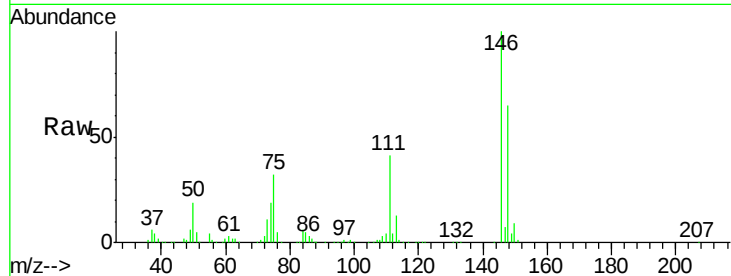




#91
 1,2-Dichlorobenzene
 Concen: 21.336 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

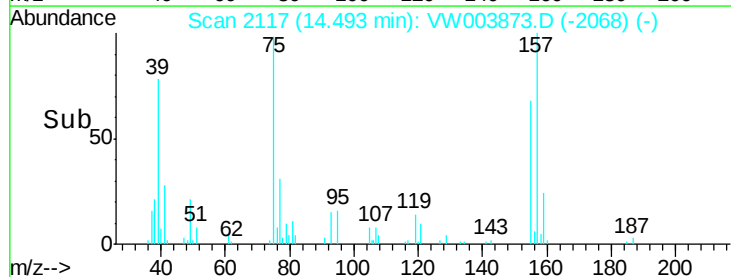
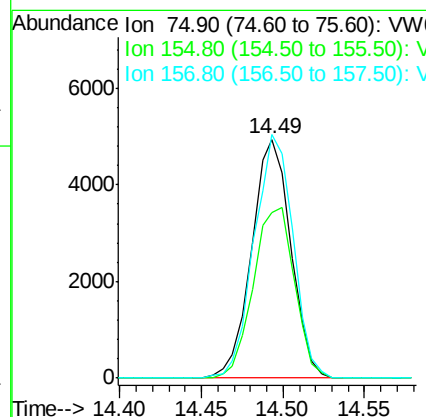
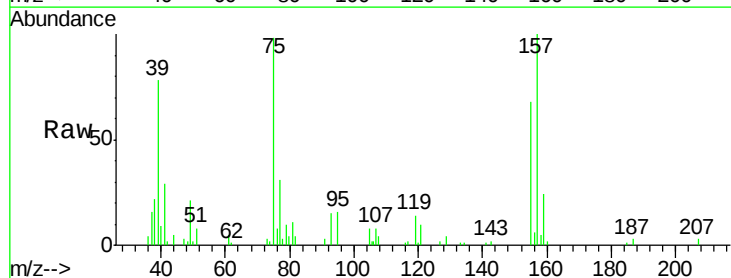
Instrument :
 MSVOA_W
 ClientSampleId :

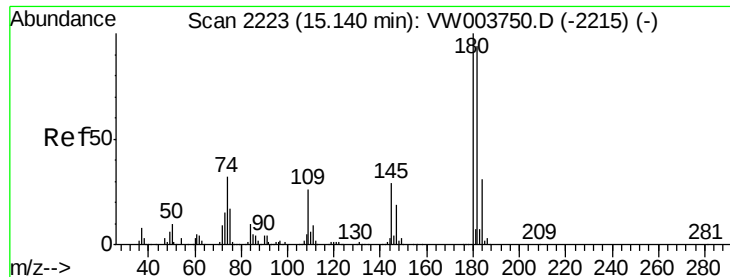
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	63.5	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.062 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.1	39.2	117.6
157	101.1	50.7	152.1

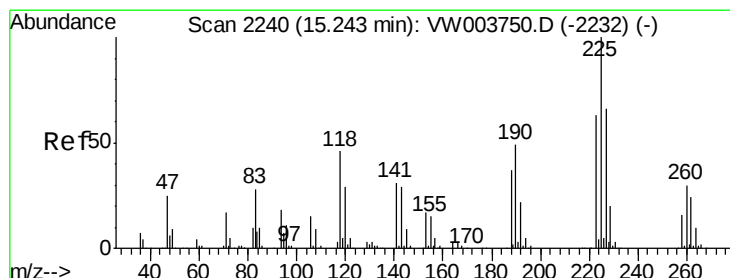
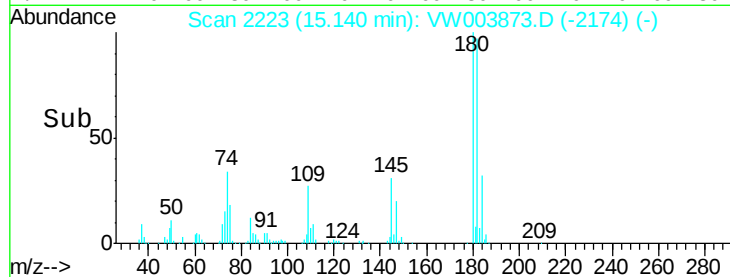
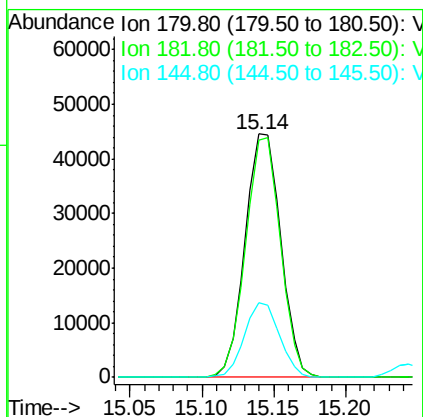
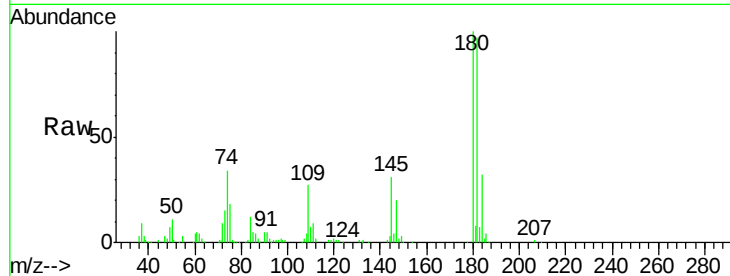




#93
 1,2,4-Trichlorobenzene
 Concen: 21.247 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

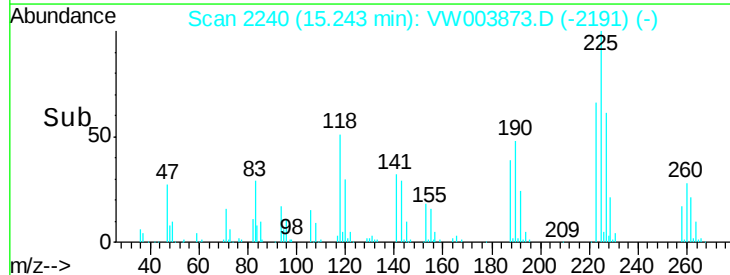
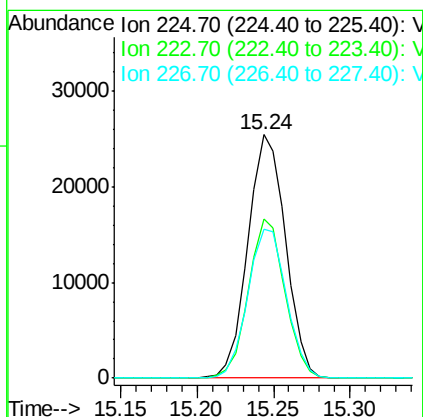
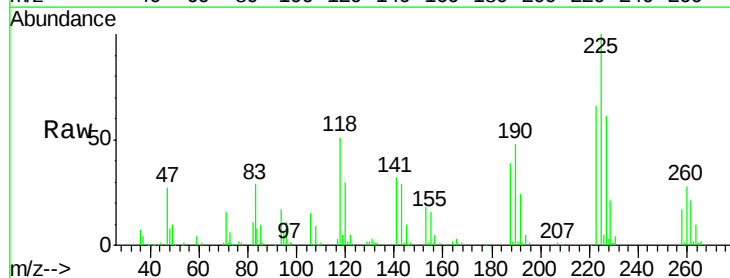
Instrument :
 MSVOA_W
 ClientSampled :

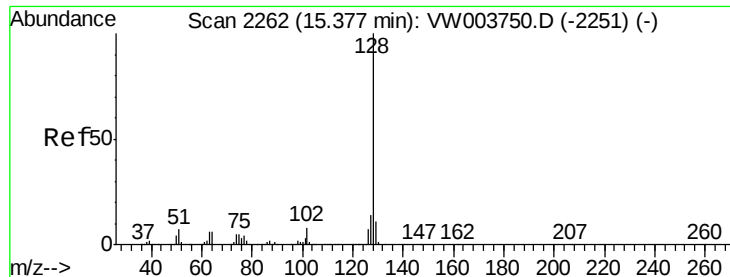
Tot Ion:180 Resp: 76410
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.4 142.2
 145 30.2 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 21.265 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion:225 Resp: 43744
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.6 97.7
 227 62.5 32.5 97.5





#95

Naphthalene

Concen: 21.303 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

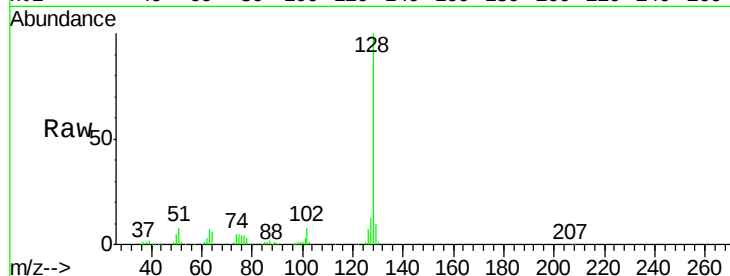
Tot Ion:128 Resp: 136926

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

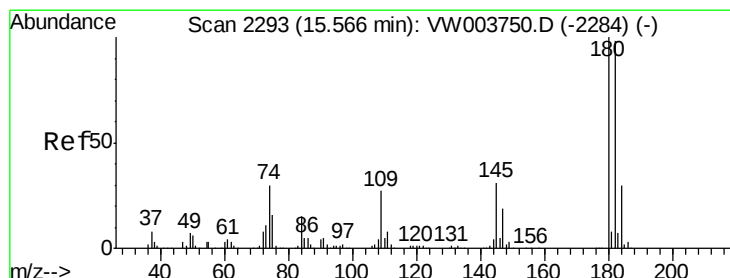
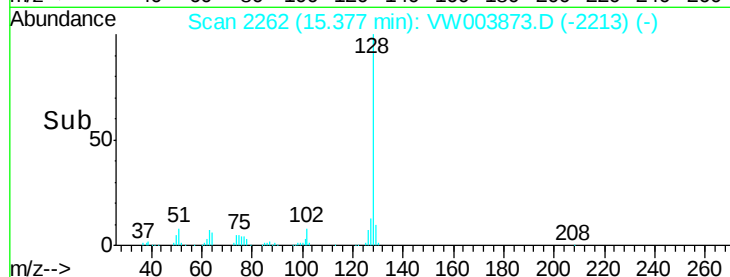
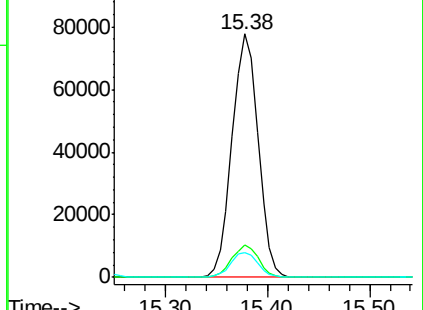
129 10.7 8.6 13.0



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: 21.503 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

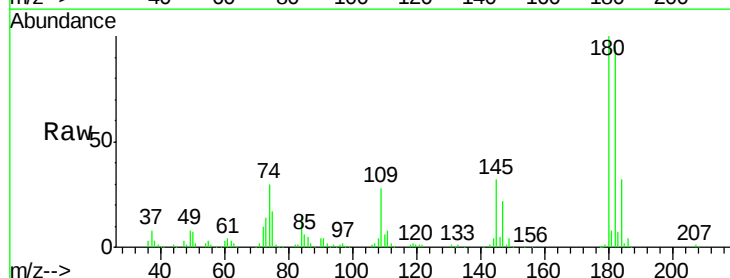
Tgt Ion:180 Resp: 69242

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.3

145 31.8 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

