

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000813.D
 Acq On : 12 Apr 2018 19:56
 Operator : JC/MD
 Sample : J2236-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

Quant Time: Apr 13 06:56:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	191502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	264856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	111976	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	5.51	113	94854	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	8.73	98	341332	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
62) 4-Bromofluorobenzene	11.15	95	139197	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98847	45.73	ug/l	100
3) Chloromethane	1.32	50	78103	42.14	ug/l	99
4) Vinyl Chloride	1.40	62	96991	46.52	ug/l	95
5) Bromomethane	1.64	94	42474	49.20	ug/l	98
6) Chloroethane	1.73	64	57159	45.24	ug/l	98
7) Trichlorofluoromethane	1.93	101	144180	45.84	ug/l	97
8) Diethyl Ether	2.19	74	55703	47.41	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	84444	45.53	ug/l	99
10) Methyl Iodide	2.51	142	28841	24.92	ug/l	99
11) Tert butyl alcohol	3.08	59	129477	302.02	ug/l	100
12) 1,1-Dichloroethene	2.38	96	79411	45.18	ug/l	98
13) Acrolein	2.30	56	33898	162.82	ug/l	99
14) Allyl chloride	2.73	41	151065	46.48	ug/l	97
15) Acrylonitrile	3.15	53	257604	281.84	ug/l	100
16) Acetone	2.45	43	218216	262.06	ug/l	99
17) Carbon Disulfide	2.57	76	223611	42.01	ug/l	100
18) Methyl Acetate	2.78	43	123792	57.45	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	281540	48.09	ug/l	100
20) Methylene Chloride	2.86	84	89954	46.45	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87040	44.91	ug/l	98
22) Diisopropyl ether	3.88	45	291439	48.79	ug/l	97
23) Vinyl Acetate	3.84	43	1336662	254.90	ug/l	99
24) 1,1-Dichloroethane	3.70	63	162478	48.48	ug/l	99
25) 2-Butanone	4.72	43	392770	285.64	ug/l	98
26) 2,2-Dichloropropane	4.59	77	139327	41.88	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	104284	47.41	ug/l	99
28) Bromochloromethane	5.03	49	62501	46.31	ug/l	98
29) Tetrahydrofuran	5.18	42	248864	285.04	ug/l	99
30) Chloroform	5.23	83	170255	47.98	ug/l	97
31) Cyclohexane	5.59	56	142190	44.67	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	155604	46.03	ug/l	99
36) 1,1-Dichloropropene	5.81	75	125702	43.09	ug/l	99
37) Ethyl Acetate	4.87	43	150050	52.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	140575	43.06	ug/l	98

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Quant Time: Apr 13 06:56:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	147599	42.14	ug/l	99
40) Benzene	6.15	78	369866	45.64	ug/l	99
41) Methacrylonitrile	5.07	41	85067	51.71	ug/l	99
42) 1,2-Dichloroethane	6.21	62	141340	46.69	ug/l	99
43) Isopropyl Acetate	6.48	43	241005	49.37	ug/l	100
44) Trichloroethene	7.22	130	110427	43.81	ug/l	98
45) 1,2-Dichloropropane	7.52	63	95825	46.43	ug/l	97
46) Dibromomethane	7.67	93	65969	45.85	ug/l	99
47) Bromodichloromethane	7.91	83	131143	45.16	ug/l	99
48) Methyl methacrylate	7.79	41	124404	49.16	ug/l	99
49) 1,4-Dioxane	7.76	88	51268	1008.12	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	791940	276.15	ug/l	99
52) Toluene	8.79	92	241386	44.89	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	155640	44.68	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	150081	44.25	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	99890	46.80	ug/l	98
56) Ethyl methacrylate	9.19	69	157897	47.95	ug/l	99
57) 1,3-Dichloropropane	9.38	76	161874	47.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.25	63	1198	0.78	ug/l #	44
59) 2-Hexanone	9.51	43	621241	280.61	ug/l	99
60) Dibromochloromethane	9.59	129	115528	45.23	ug/l	100
61) 1,2-Dibromoethane	9.68	107	107999	47.69	ug/l	99
64) Tetrachloroethene	9.34	164	105730	42.67	ug/l	99
65) Chlorobenzene	10.15	112	284592	44.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	107126	44.65	ug/l	99
67) Ethyl Benzene	10.26	91	470180	44.24	ug/l	99
68) m/p-Xylenes	10.37	106	368319	87.80	ug/l	99
69) o-Xylene	10.71	106	181246	44.83	ug/l	99
70) Styrene	10.72	104	301598	44.25	ug/l	100
71) Bromoform	10.87	173	98882	44.51	ug/l	99
73) Isopropylbenzene	11.02	105	488774	44.96	ug/l	99
74) N-amyl acetate	6.48	43	241005	49.23	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	153982	48.81	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	186184	63.00	ug/l	85
77) Bromobenzene	11.26	156	143010	44.89	ug/l	99
78) n-propylbenzene	11.37	91	544647	43.80	ug/l	100
79) 2-Chlorotoluene	11.43	91	322438	43.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	410432	43.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	47773	44.47	ug/l	94
82) 4-Chlorotoluene	11.52	91	388180	43.76	ug/l	100
83) tert-Butylbenzene	11.78	119	428524	44.80	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	424403	43.97	ug/l	100
85) sec-Butylbenzene	11.95	105	495040	43.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	457490	43.48	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	258338	43.81	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	262614	43.46	ug/l	100
89) n-Butylbenzene	12.40	91	397550	42.81	ug/l	100
90) Hexachloroethane	12.60	117	75390	42.34	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	256725	45.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39729	50.26	ug/l	99

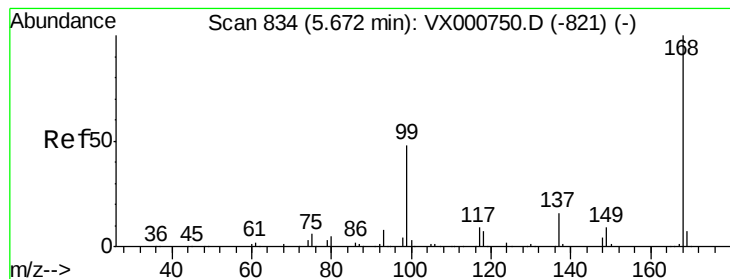
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211902	43.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	101496	42.49	ug/l	99
95) Naphthalene	13.84	128	608723	48.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	208636	44.22	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

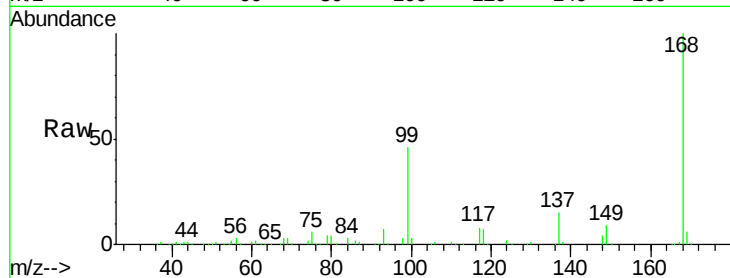
MW-101MS

Tgt Ion:168 Resp: 191502

Ion Ratio Lower Upper

168 100

99 45.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

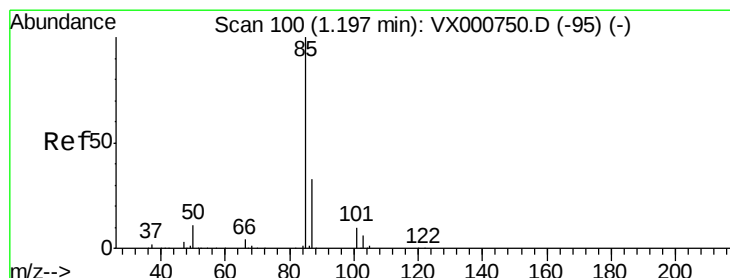
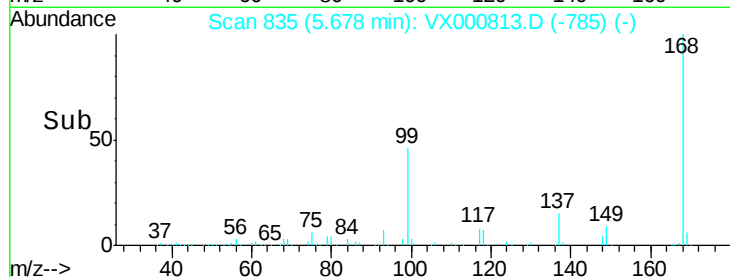
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.73 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000813.D

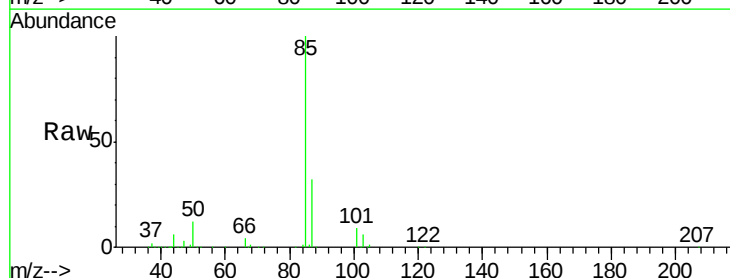
Acq: 12 Apr 2018 19:56

Tgt Ion: 85 Resp: 98847

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

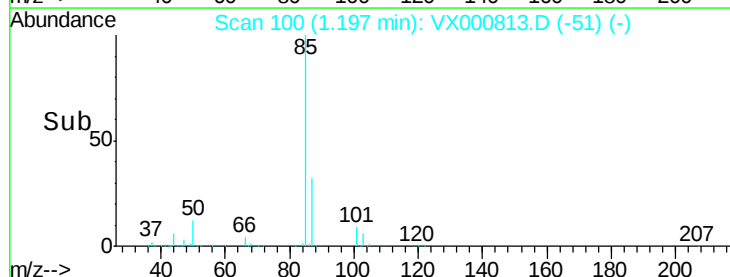
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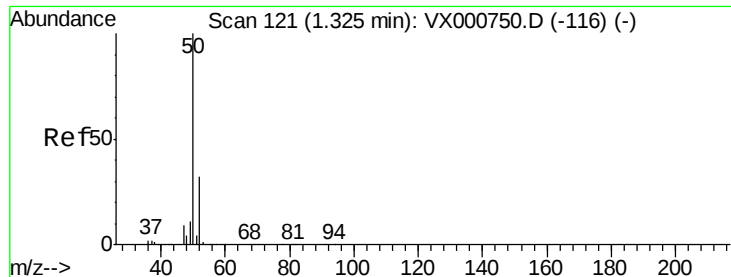
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 42.14 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

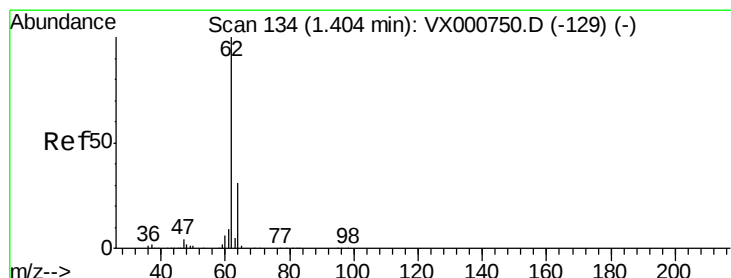
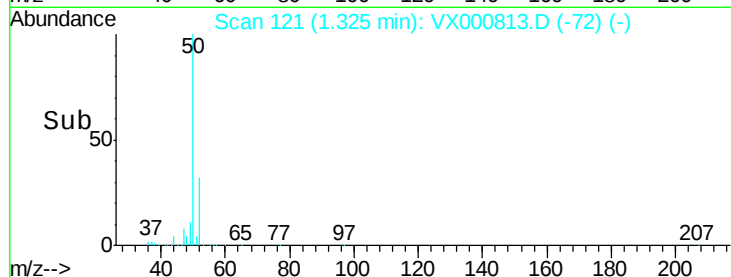
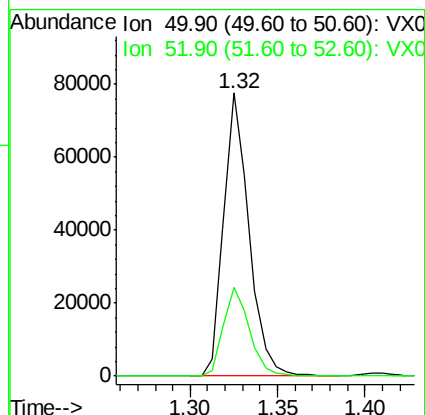
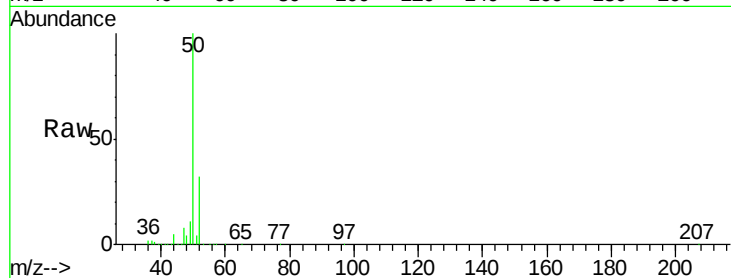
MW-101MS

Tgt Ion: 50 Resp: 78103

Ion Ratio Lower Upper

50 100

52 31.6 25.8 38.8



#4

Vinyl Chloride

Concen: 46.52 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000813.D

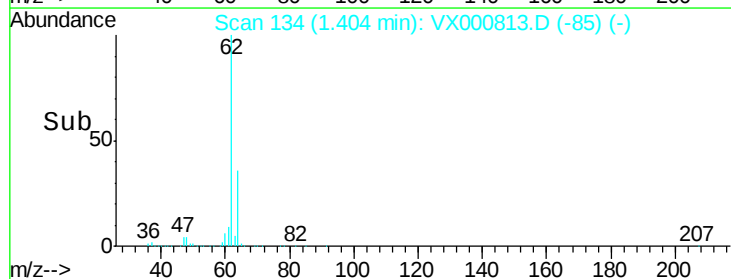
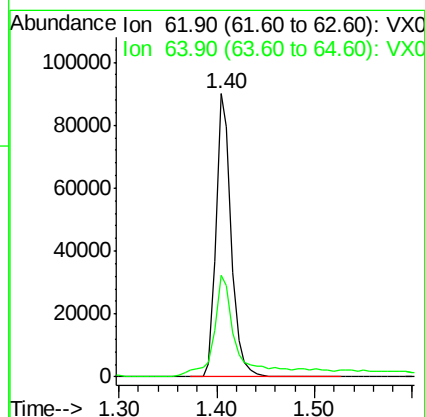
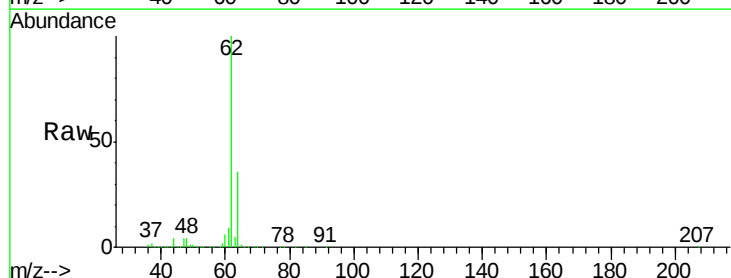
Acq: 12 Apr 2018 19:56

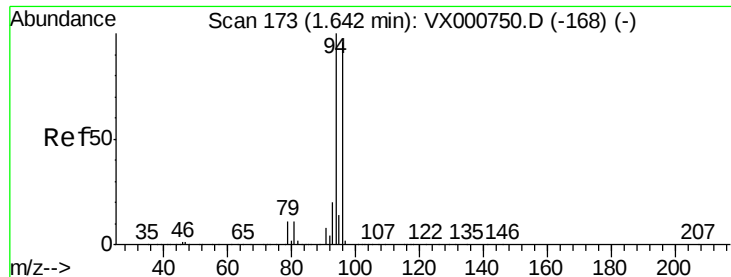
Tgt Ion: 62 Resp: 96991

Ion Ratio Lower Upper

62 100

64 33.4 24.6 36.8





#5

Bromomethane

Concen: 49.20 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

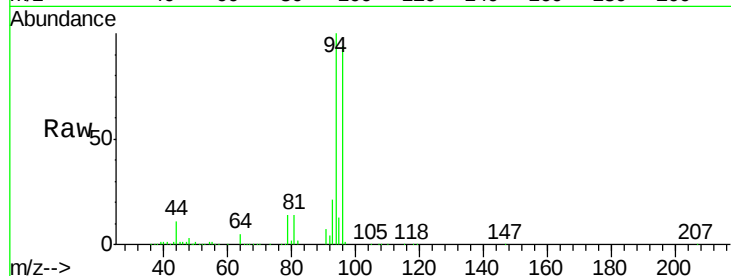
MW-101MS

Tgt Ion: 94 Resp: 42474

Ion Ratio Lower Upper

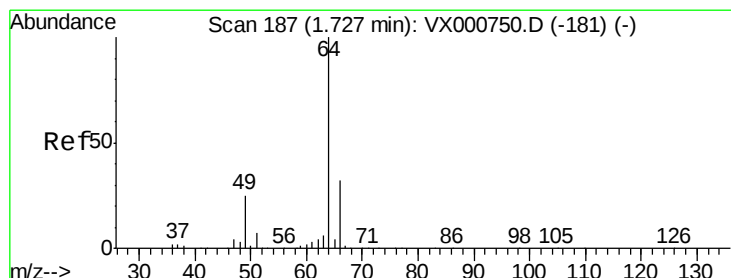
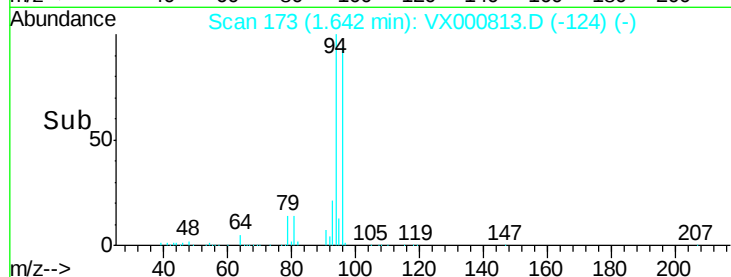
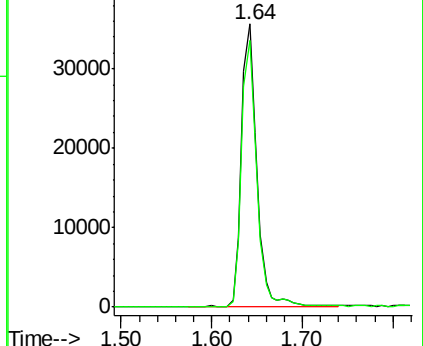
94 100

96 94.2 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.24 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000813.D

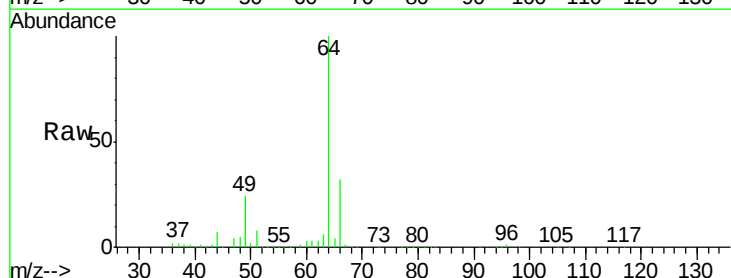
Acq: 12 Apr 2018 19:56

Tgt Ion: 64 Resp: 57159

Ion Ratio Lower Upper

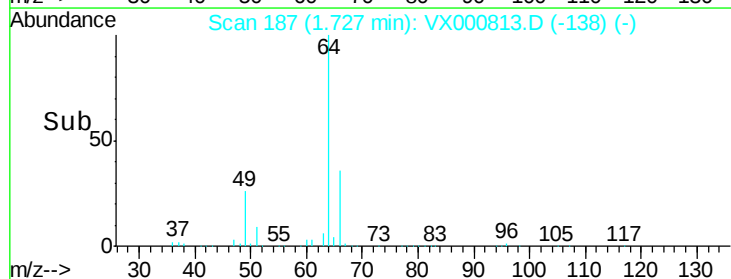
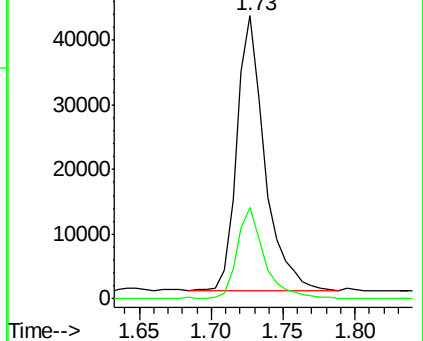
64 100

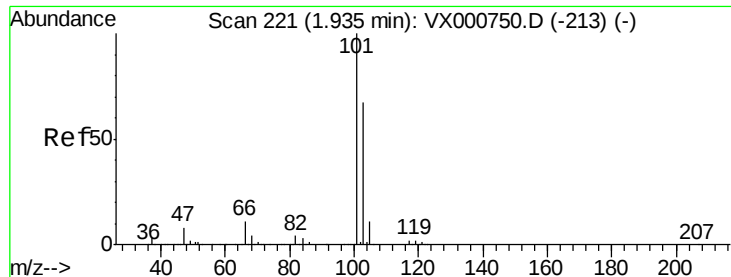
66 32.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



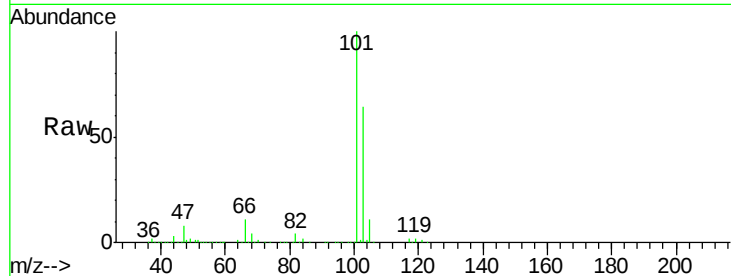


#7

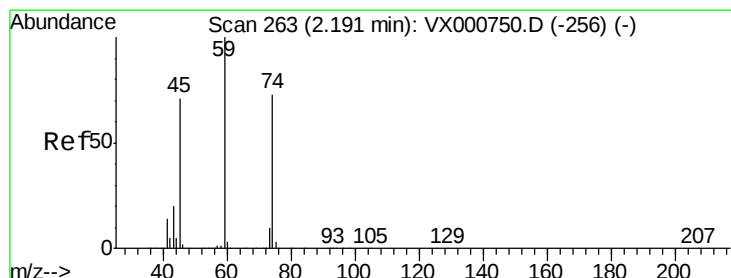
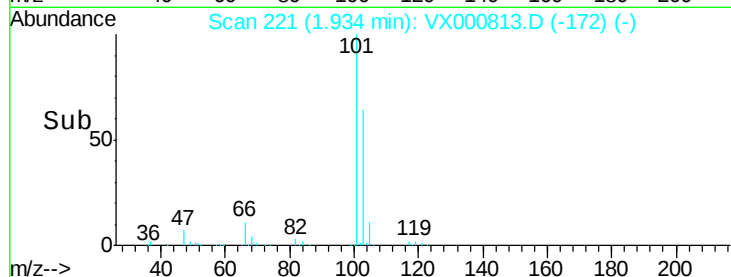
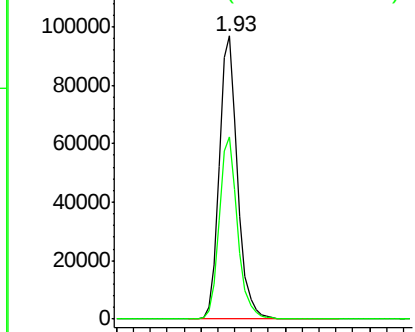
Trichlorofluoromethane
 Concen: 45.84 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

Tgt Ion:101 Resp: 144180
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.2 79.8



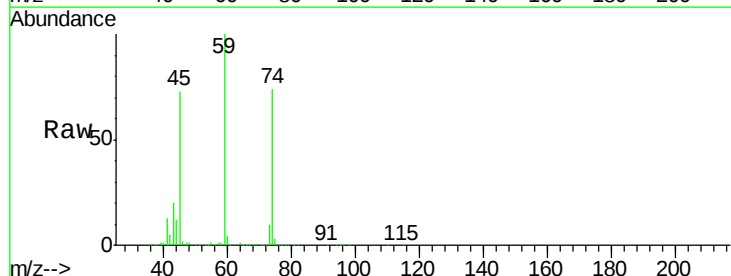
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



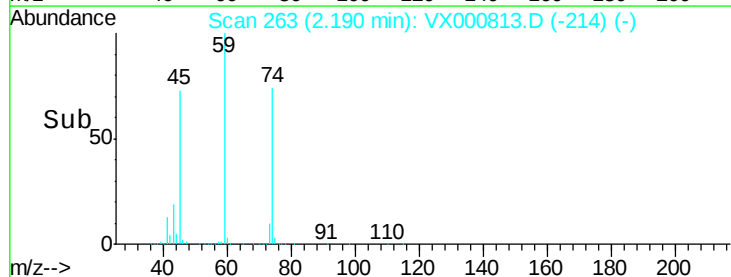
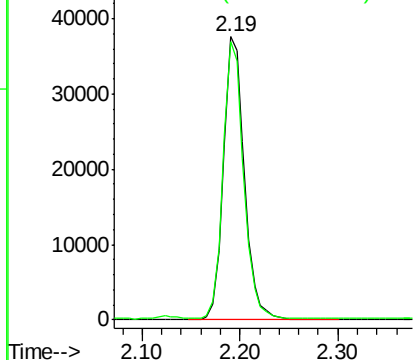
#8

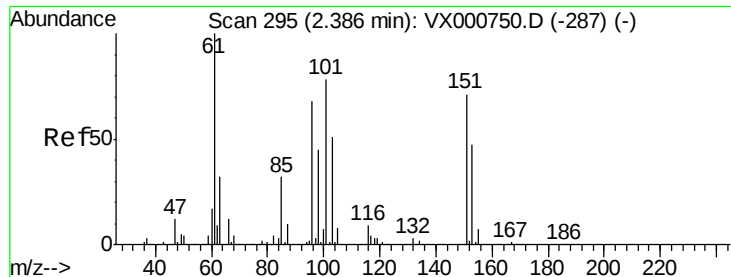
Diethyl Ether
 Concen: 47.41 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion: 74 Resp: 55703
 Ion Ratio Lower Upper
 74 100
 45 95.9 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.53 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

MW-101MS

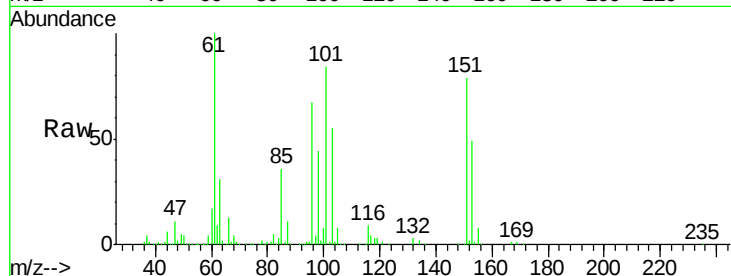
Tgt Ion:101 Resp: 84444

Ion Ratio Lower Upper

101 100

85 42.4 34.0 51.0

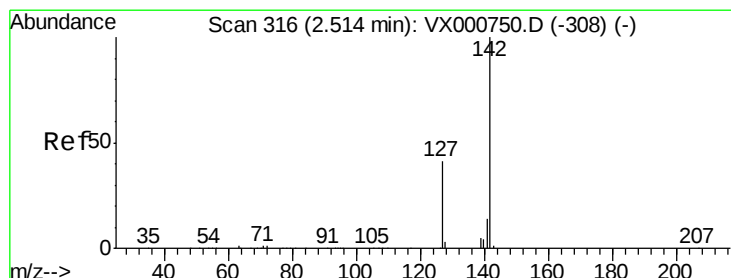
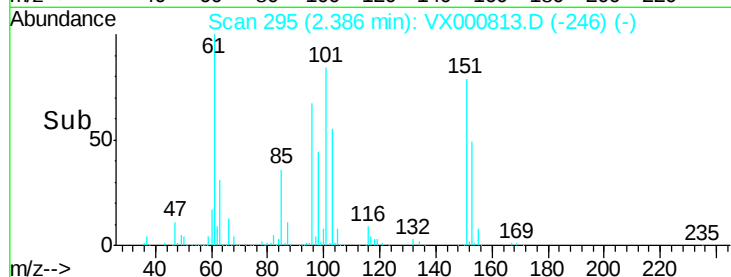
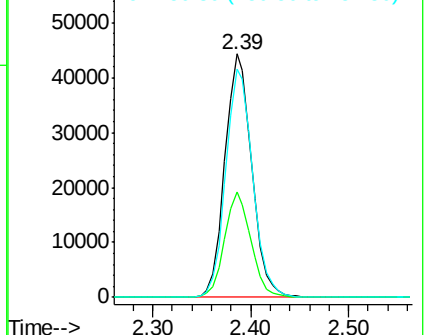
151 93.9 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 24.92 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

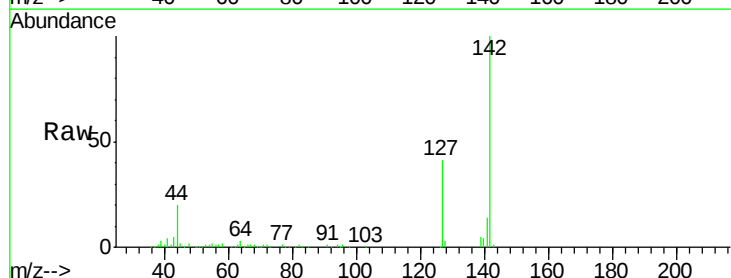
Tgt Ion:142 Resp: 28841

Ion Ratio Lower Upper

142 100

127 41.0 32.6 49.0

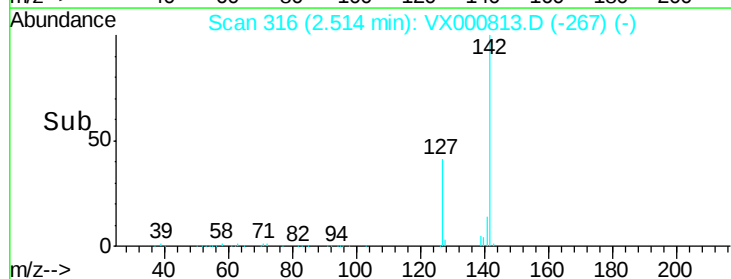
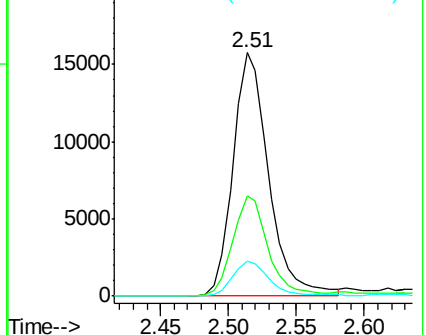
141 14.9 11.5 17.3

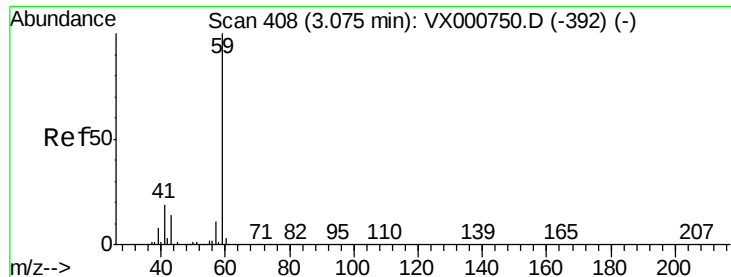


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



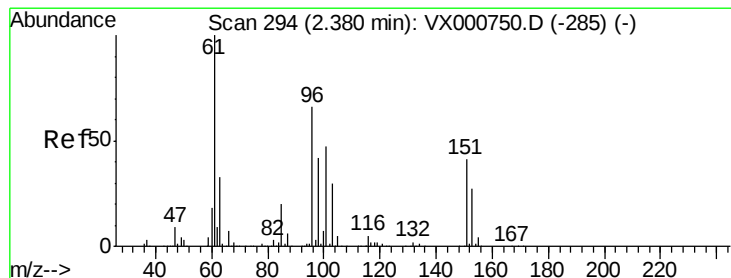
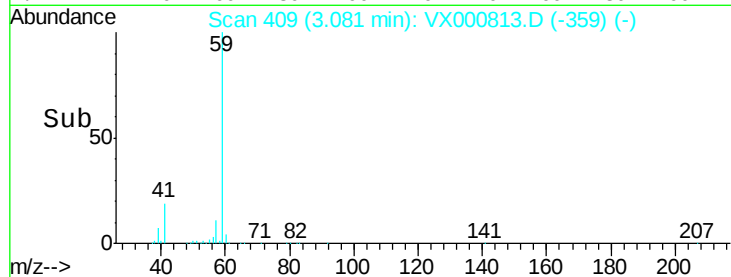
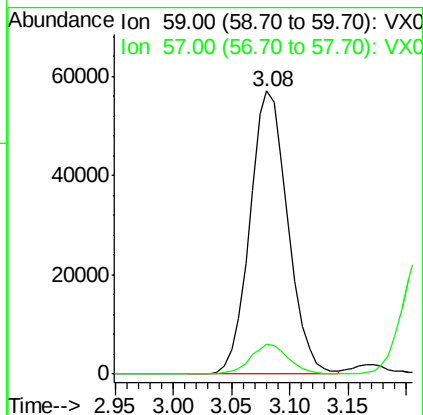
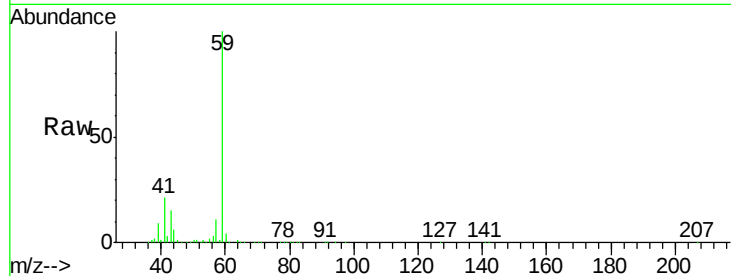


#11

Tert butyl alcohol
 Concen: 302.02 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

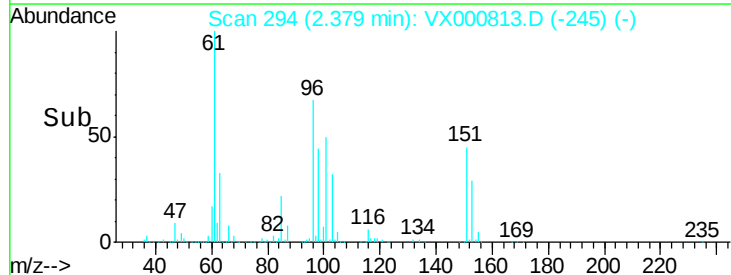
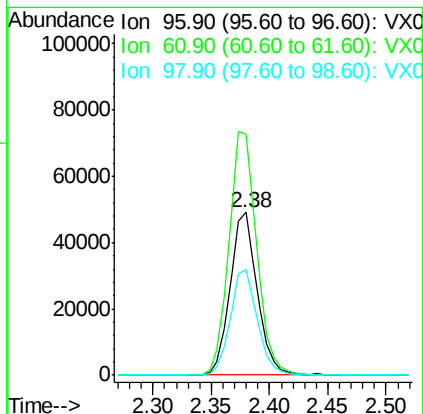
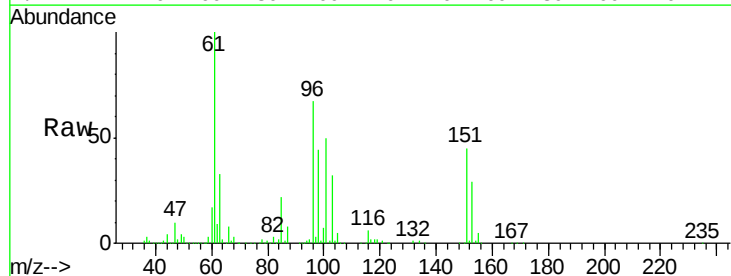
Tgt Ion: 59 Resp: 129477
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

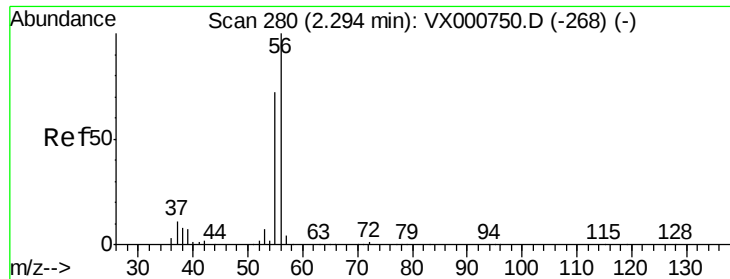


#12

1,1-Dichloroethene
 Concen: 45.18 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion: 96 Resp: 79411
 Ion Ratio Lower Upper
 96 100
 61 148.4 120.5 180.7
 98 65.0 50.9 76.3





#13

Acrolein

Concen: 162.82 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

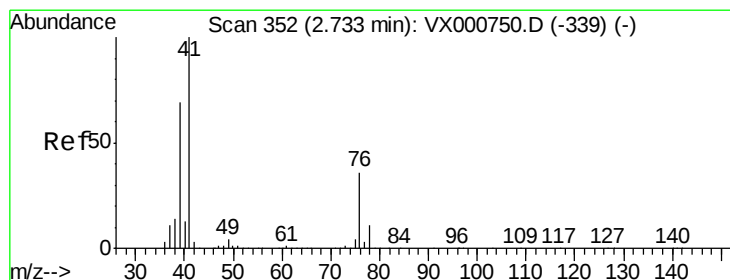
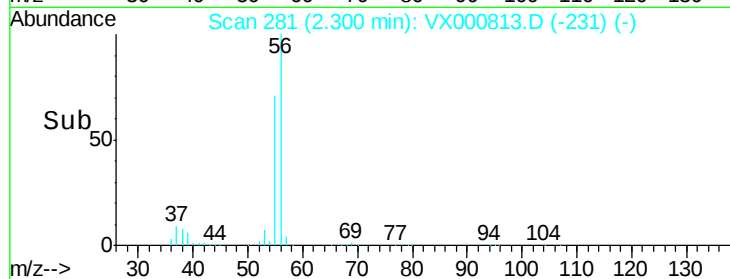
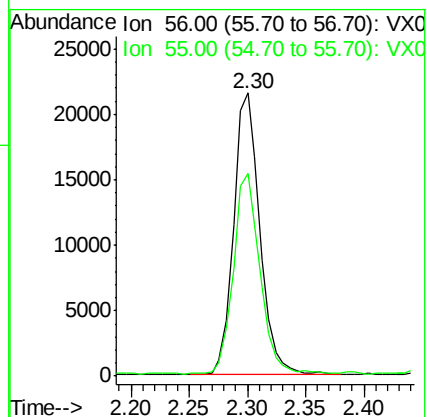
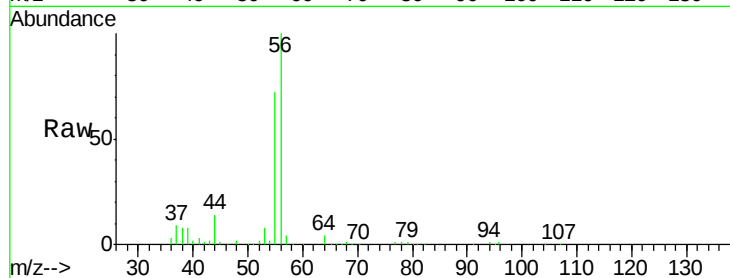
MW-101MS

Tgt Ion: 56 Resp: 33898

Ion Ratio Lower Upper

56 100

55 72.2 58.7 88.1



#14

Allyl chloride

Concen: 46.48 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

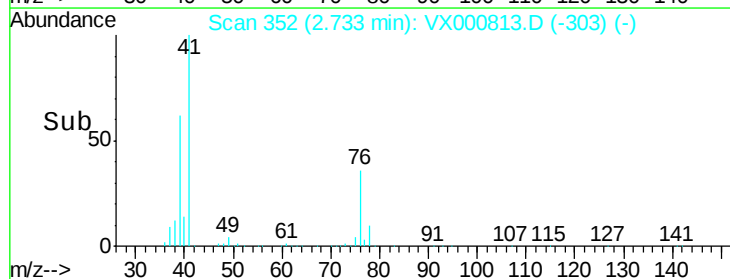
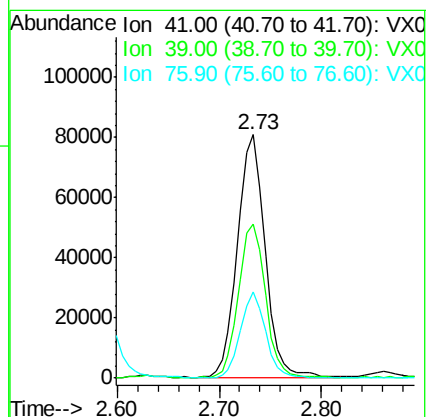
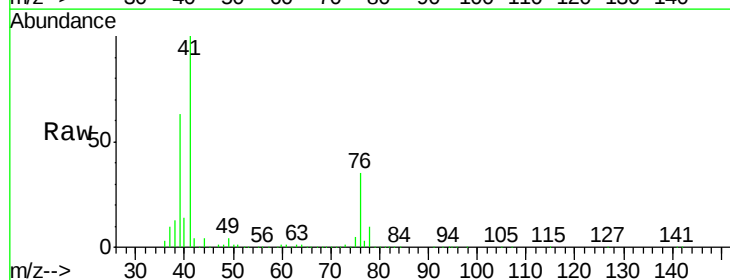
Tgt Ion: 41 Resp: 151065

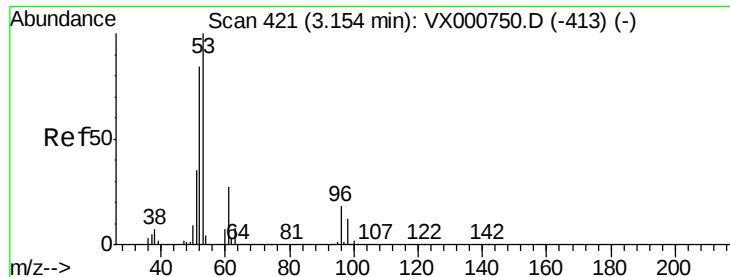
Ion Ratio Lower Upper

41 100

39 61.7 51.5 77.3

76 32.4 26.5 39.7





#15

Acrylonitrile

Concen: 281.84 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

MW-101MS

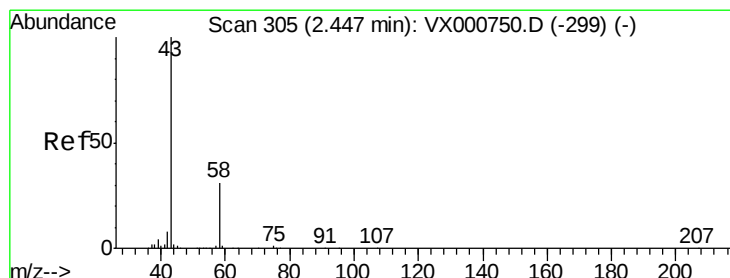
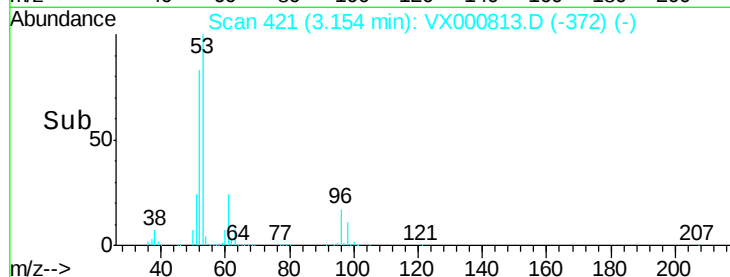
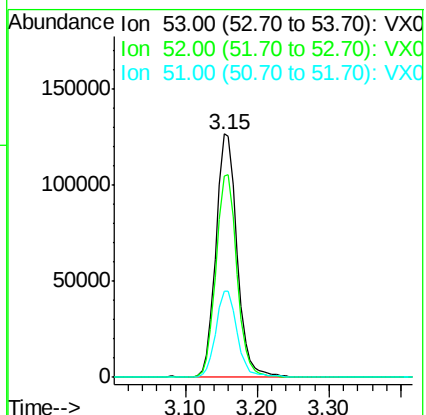
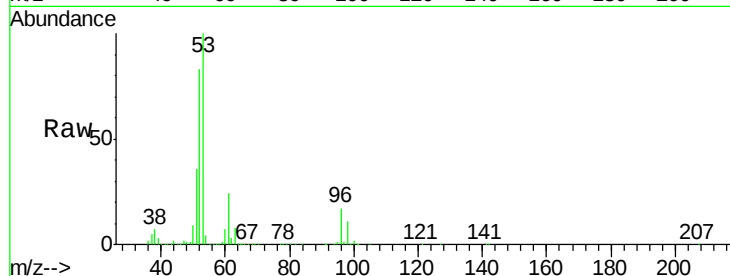
Tgt Ion: 53 Resp: 257604

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

51 35.9 28.8 43.2



#16

Acetone

Concen: 262.06 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000813.D

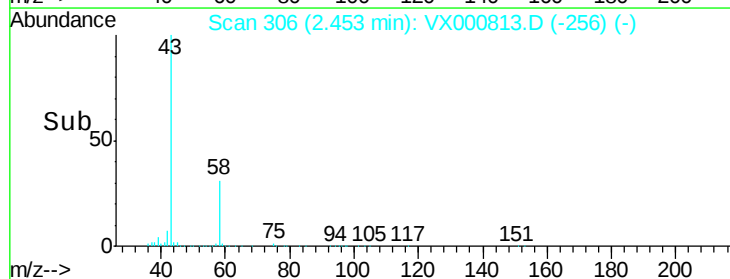
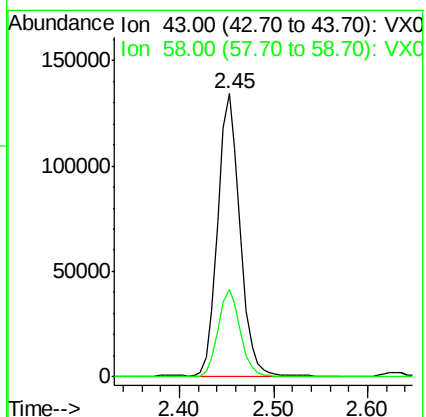
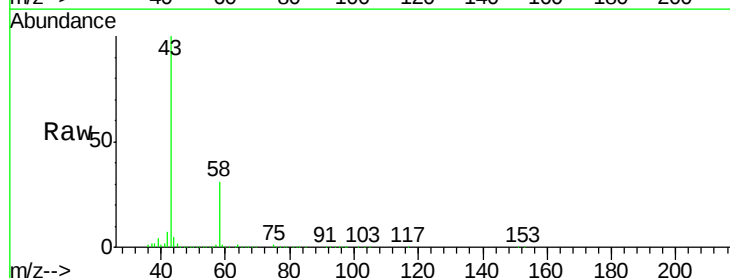
Acq: 12 Apr 2018 19:56

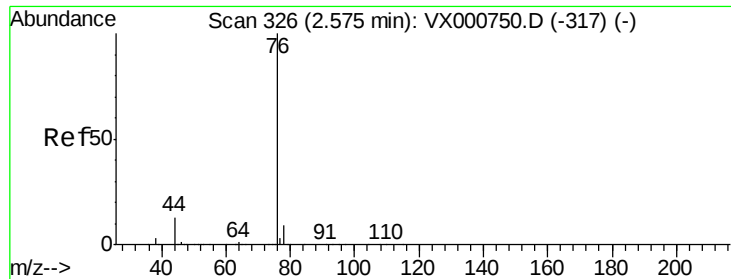
Tgt Ion: 43 Resp: 218216

Ion Ratio Lower Upper

43 100

58 31.2 24.6 37.0

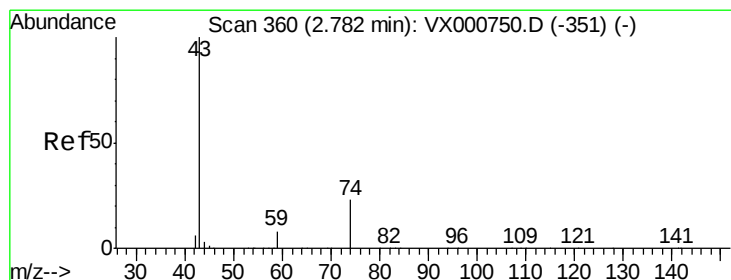
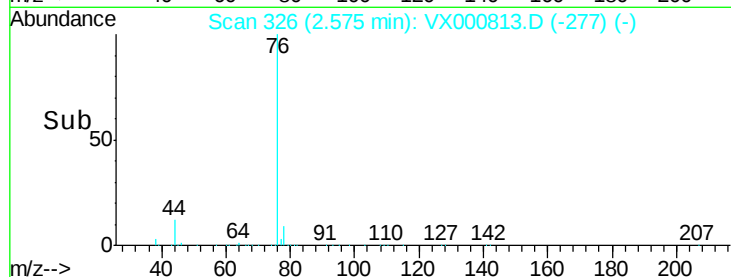
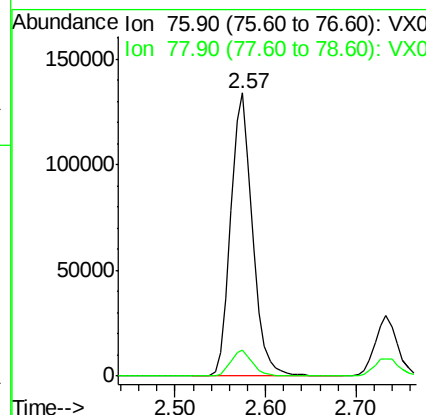
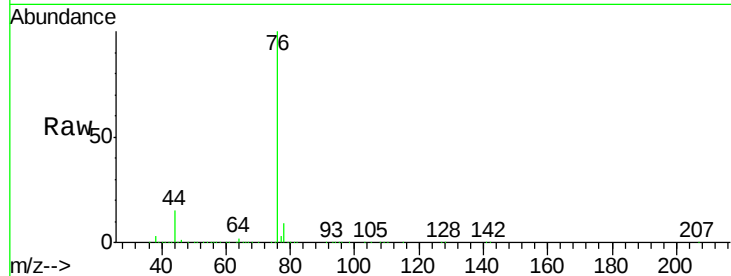




#17
Carbon Disulfide
Concen: 42.01 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

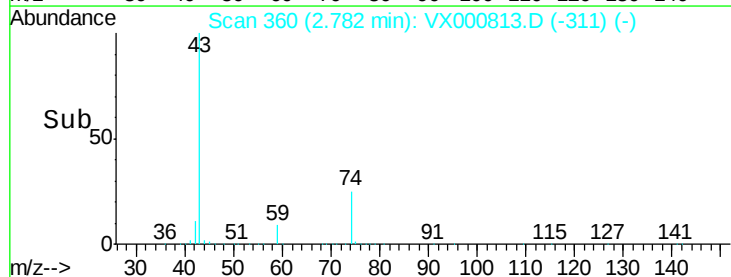
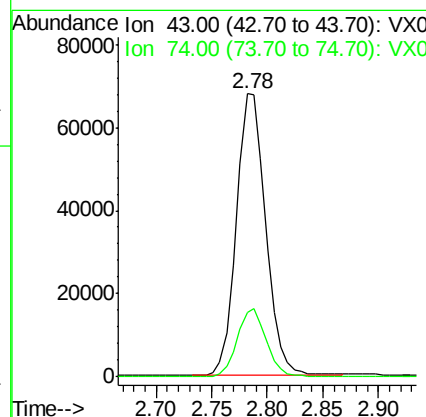
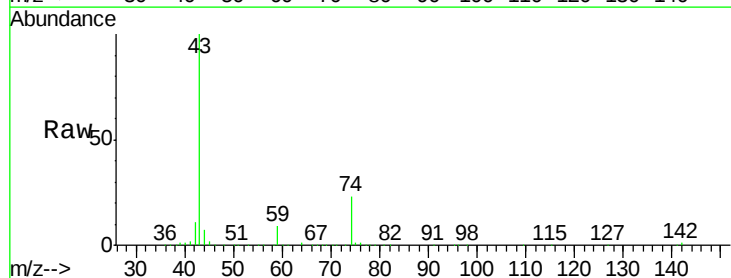
Instrument :
MSVOA_X
ClientSampled :
MW-101MS

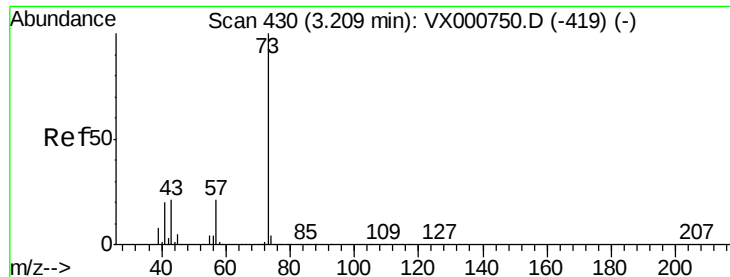
Tgt Ion: 76 Resp: 223611
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 57.45 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 43 Resp: 123792
Ion Ratio Lower Upper
43 100
74 23.7 19.1 28.7

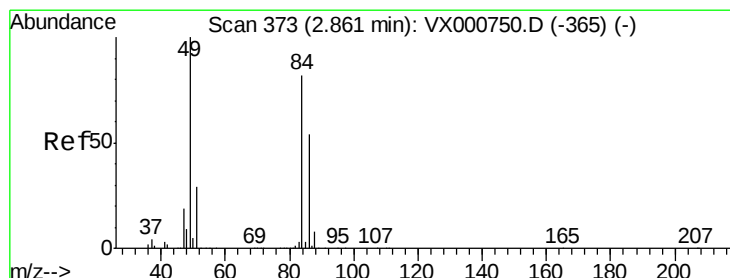
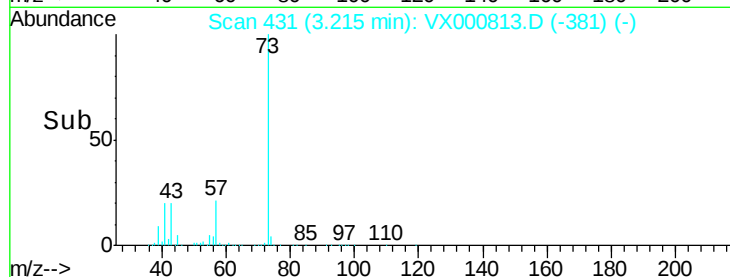
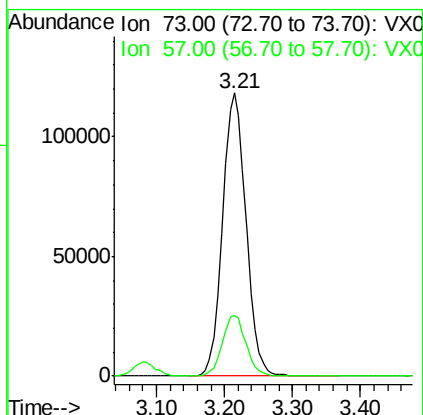
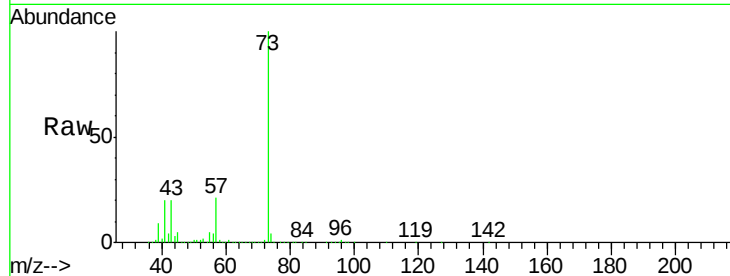




#19
Methyl tert-butyl Ether
Concen: 48.09 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

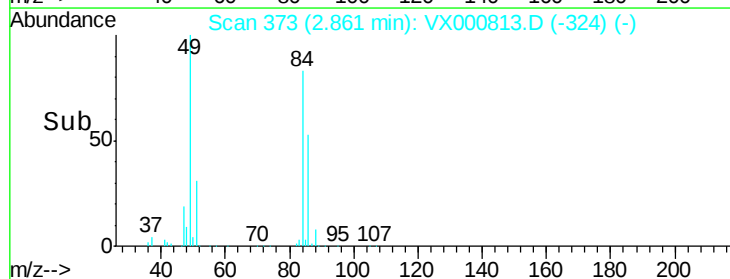
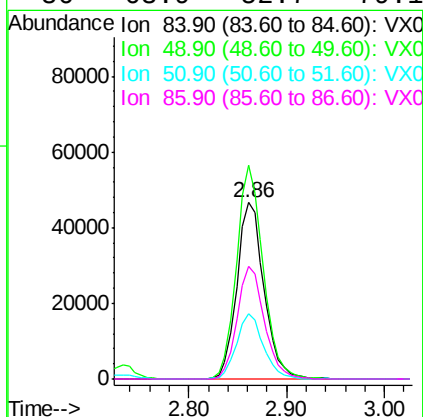
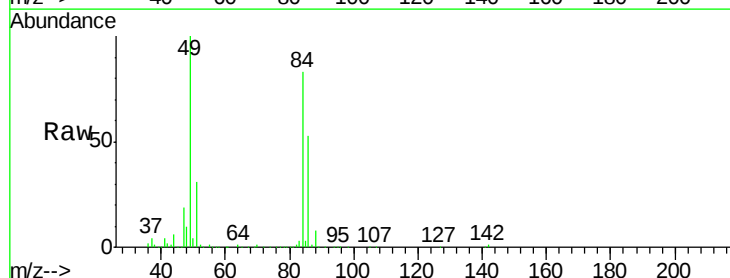
Instrument :
MSVOA_X
ClientSampled :
MW-101MS

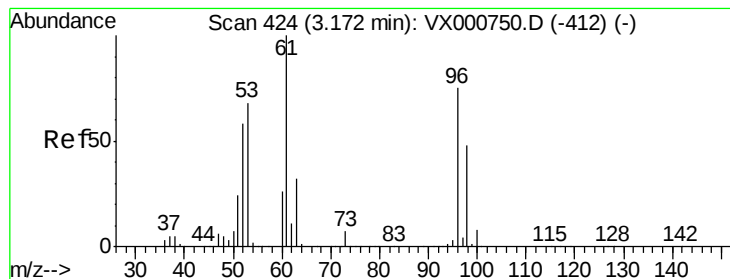
Tgt Ion: 73 Resp: 281540
Ion Ratio Lower Upper
73 100
57 21.3 16.9 25.3



#20
Methylene Chloride
Concen: 46.45 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 84 Resp: 89954
Ion Ratio Lower Upper
84 100
49 121.1 98.1 147.1
51 37.1 28.9 43.3
86 63.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 44.91 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

MW-101MS

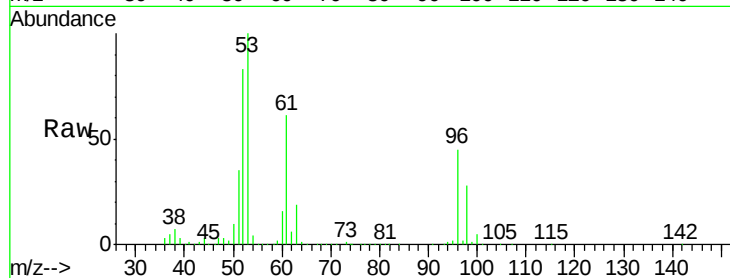
Tgt Ion: 96 Resp: 87040

Ion Ratio Lower Upper

96 100

61 136.1 106.2 159.2

98 62.7 51.2 76.8

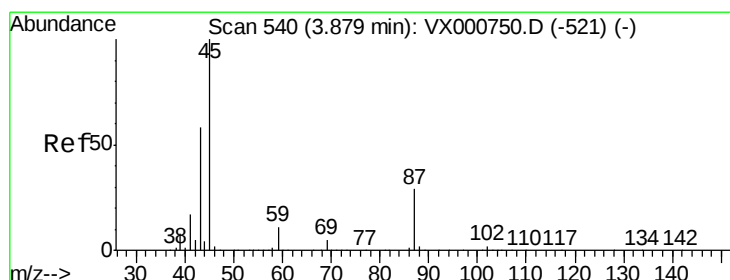
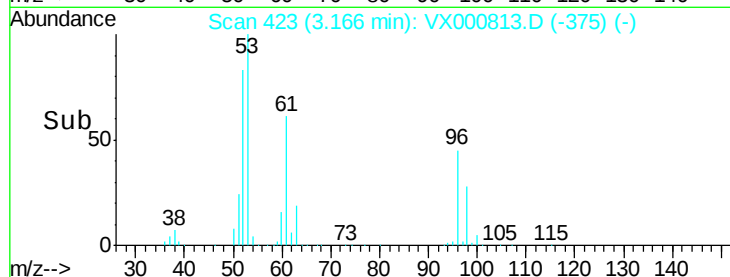
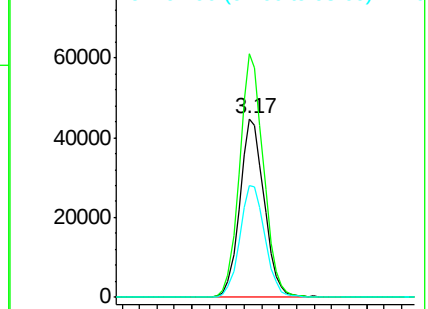


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.79 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Tgt Ion: 45 Resp: 291439

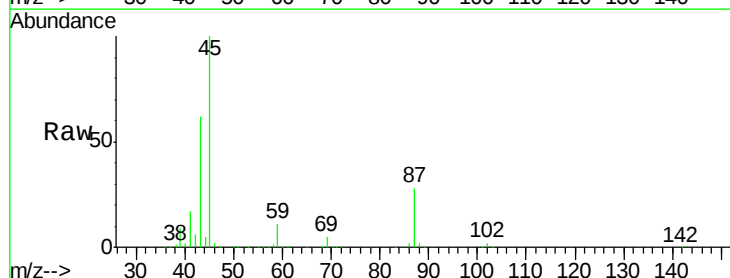
Ion Ratio Lower Upper

45 100

43 61.9 46.6 69.8

87 28.5 22.9 34.3

59 10.7 9.2 13.8



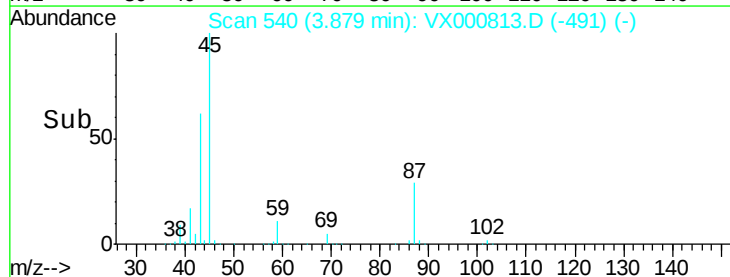
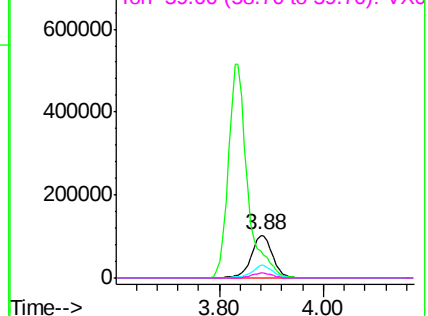
Abundance

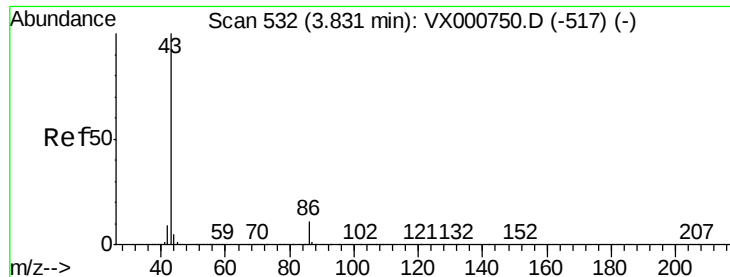
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 254.90 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

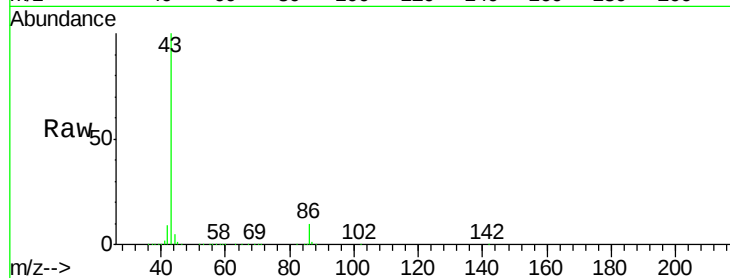
MW-101MS

Tgt Ion: 43 Resp: 1336662

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

500000

400000

300000

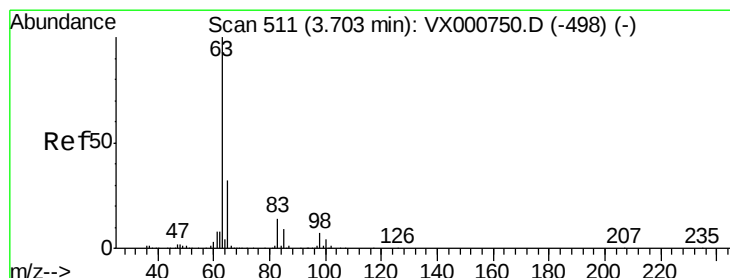
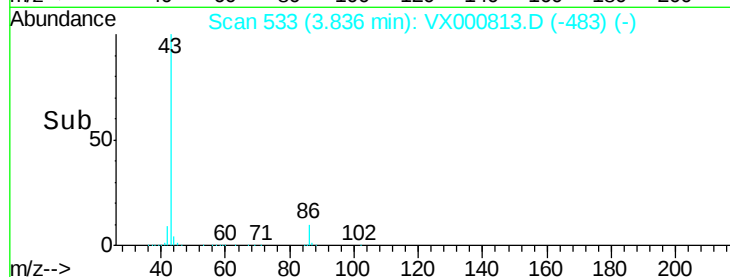
200000

100000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 48.48 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

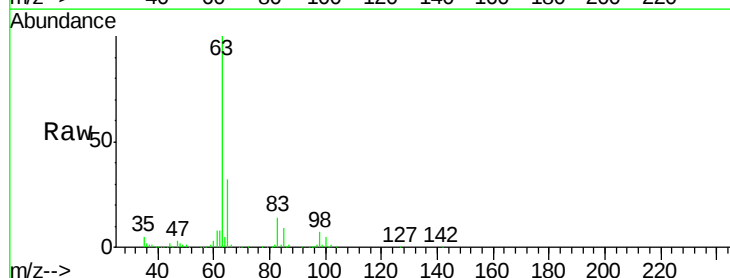
Tgt Ion: 63 Resp: 162478

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

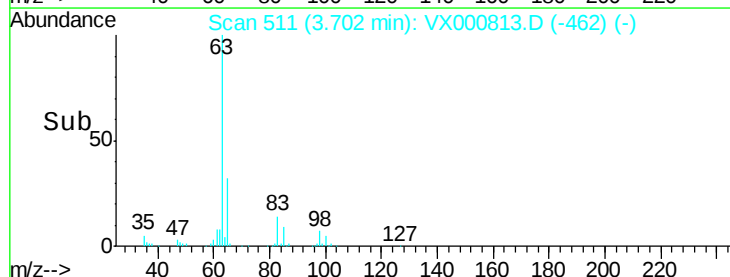
40000

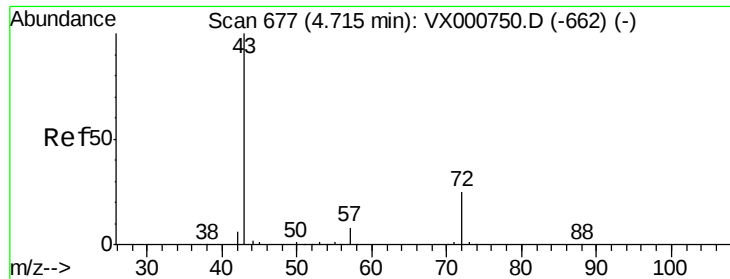
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 285.64 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

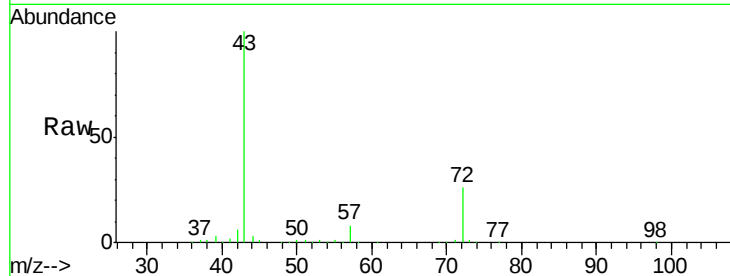
MW-101MS

Tgt Ion: 43 Resp: 392770

Ion Ratio Lower Upper

43 100

72 26.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

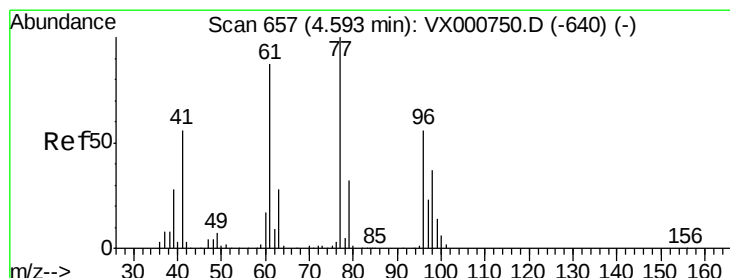
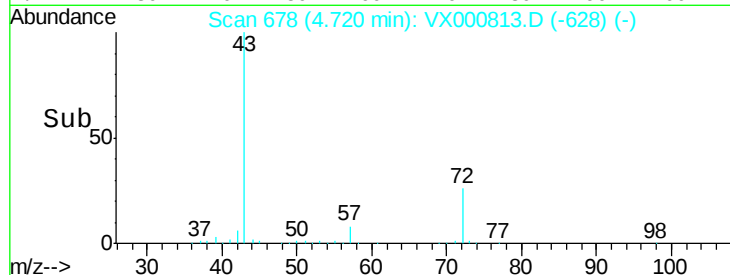
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.88 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000813.D

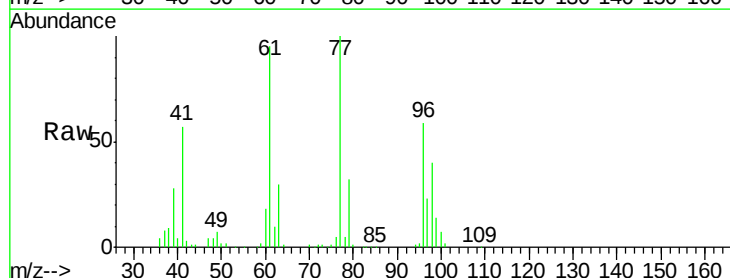
Acq: 12 Apr 2018 19:56

Tgt Ion: 77 Resp: 139327

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

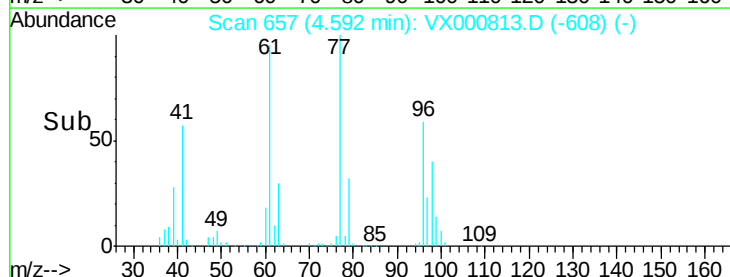
20000

10000

0

4.40 4.50 4.60 4.70 4.80

Time-->



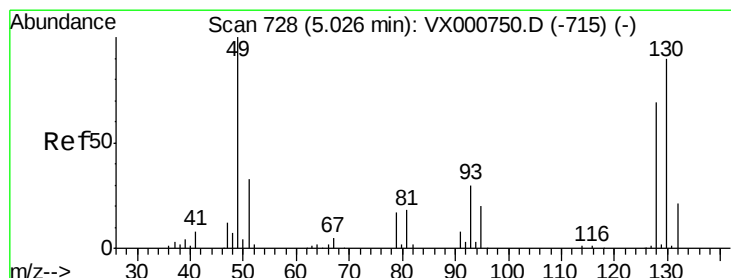
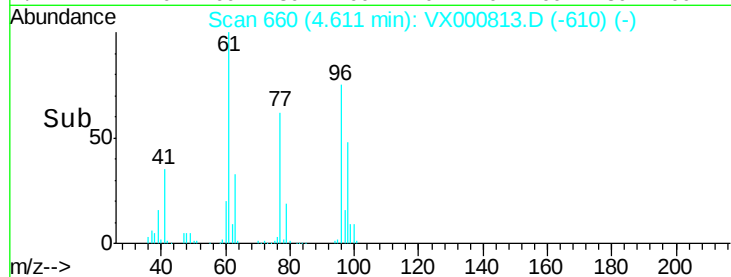
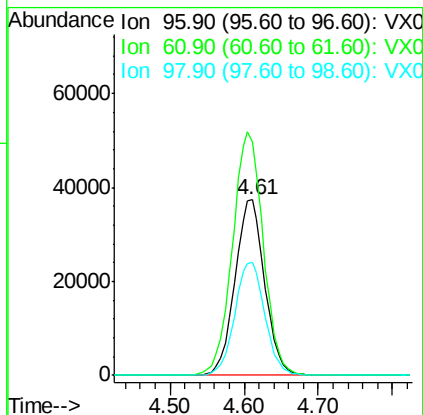
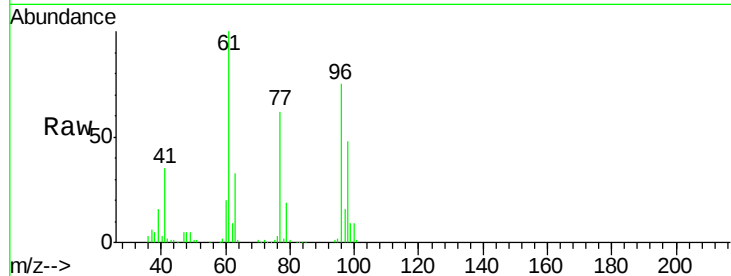


#27

cis-1,2-Dichloroethene
 Concen: 47.41 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

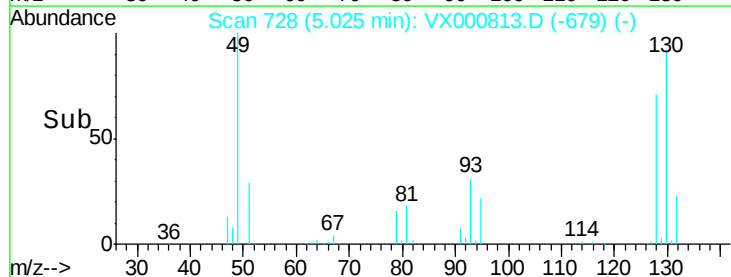
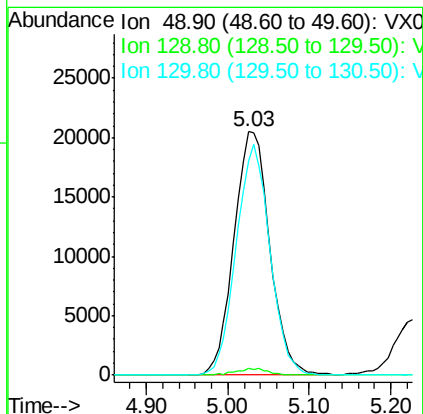
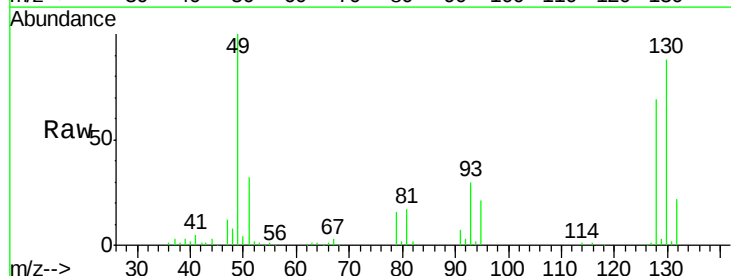
Tgt Ion: 96 Resp: 104284
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 292.4
 98 65.3 0.0 130.2

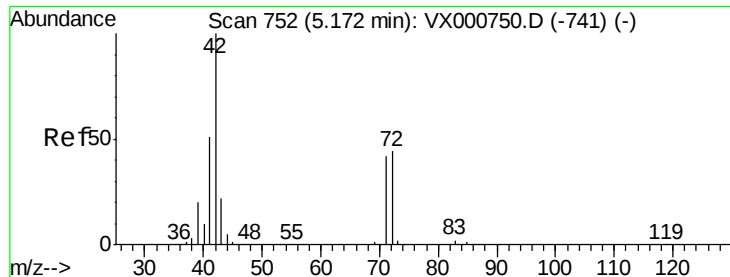


#28

Bromochloromethane
 Concen: 46.31 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion: 49 Resp: 62501
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 89.3 72.6 109.0

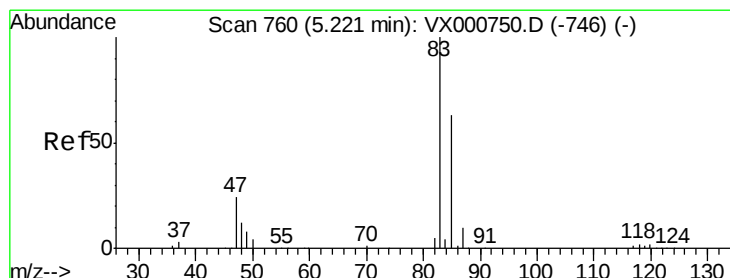
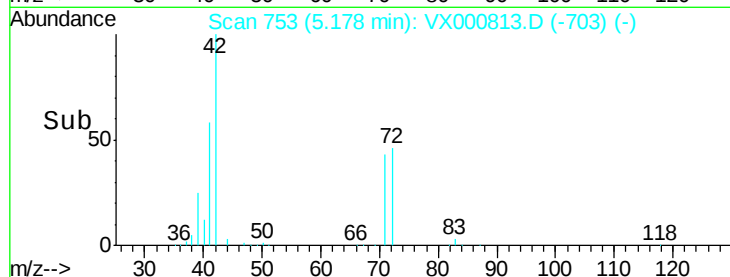
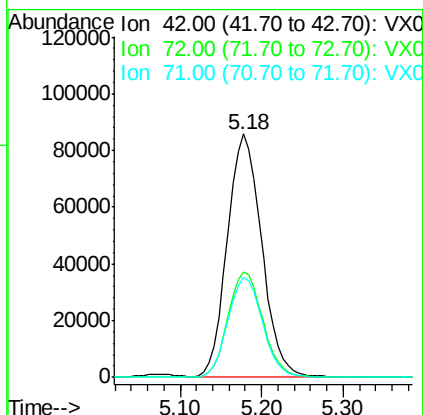
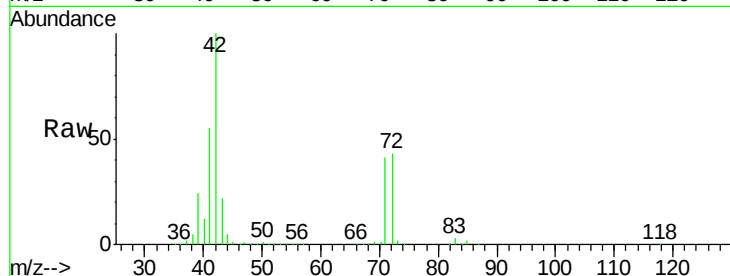




#29
Tetrahydrofuran
Concen: 285.04 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

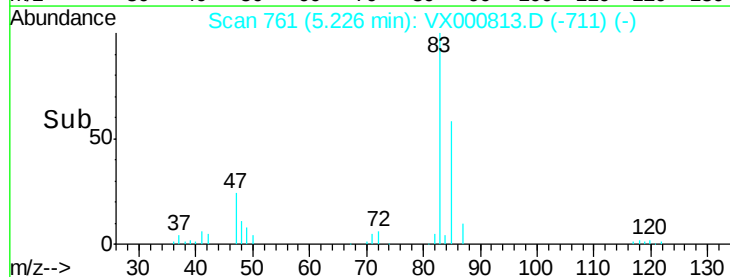
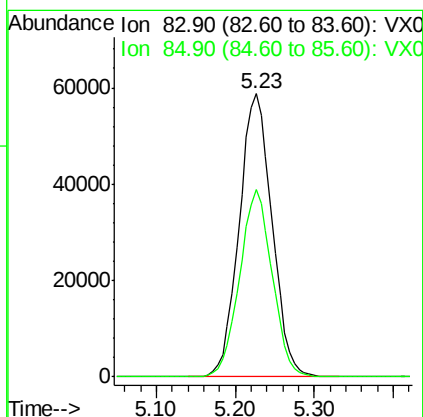
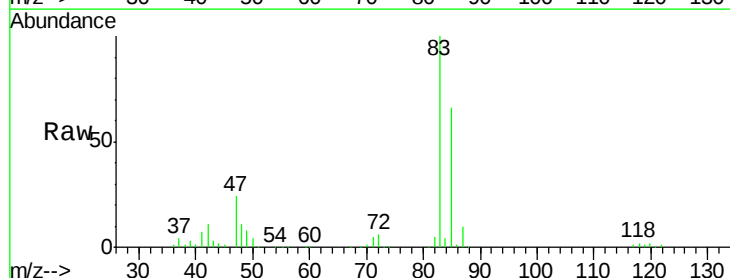
Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

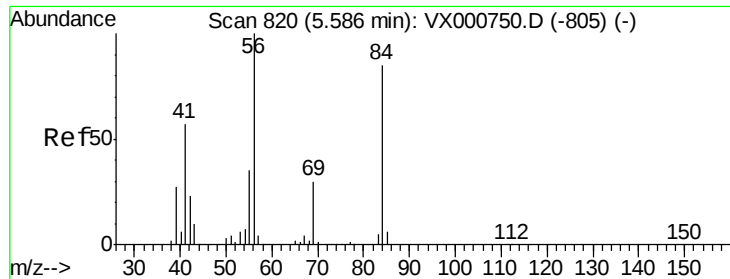
Tgt Ion: 42 Resp: 248864
Ion Ratio Lower Upper
42 100
72 44.3 35.1 52.7
71 41.8 32.8 49.2



#30
Chloroform
Concen: 47.98 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 83 Resp: 170255
Ion Ratio Lower Upper
83 100
85 66.0 50.7 76.1

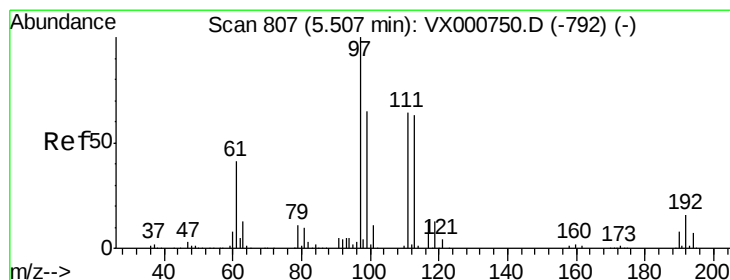
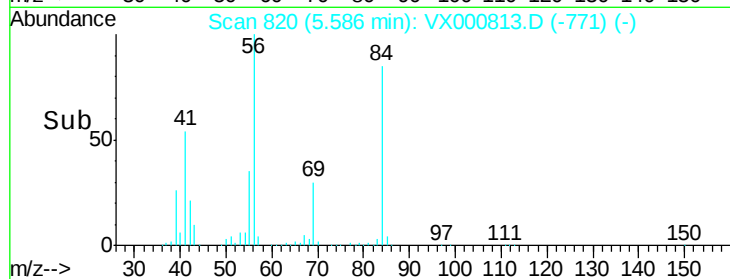
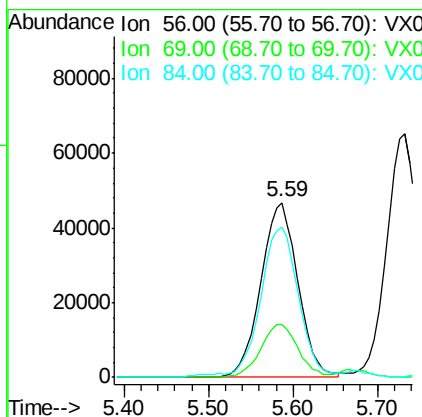
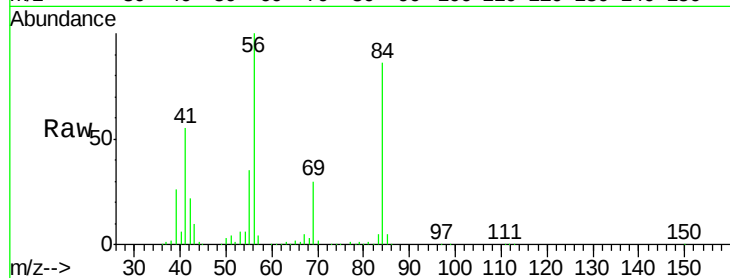




#31
Cyclohexane
Concen: 44.67 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

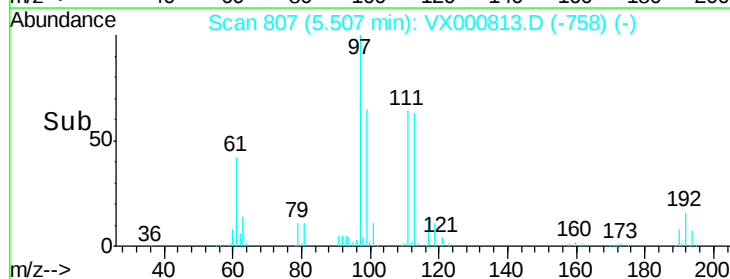
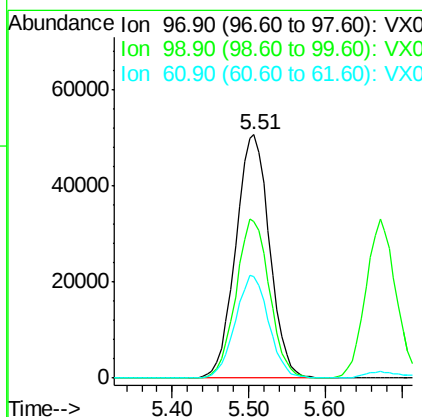
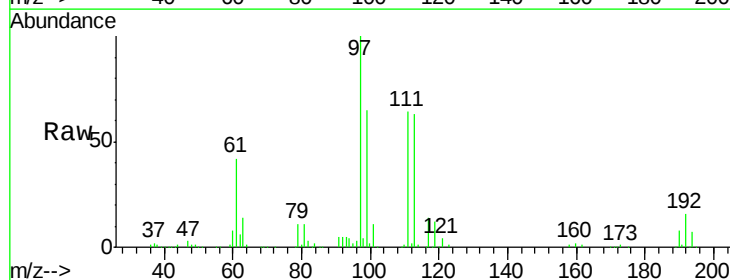
Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

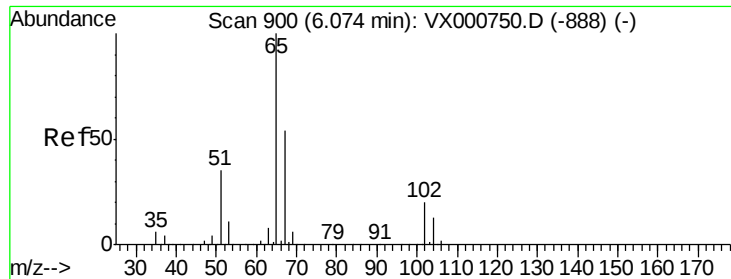
Tgt Ion: 56 Resp: 142190
Ion Ratio Lower Upper
56 100
69 29.6 24.2 36.4
84 84.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 46.03 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 97 Resp: 155604
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 41.8 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 46.37 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

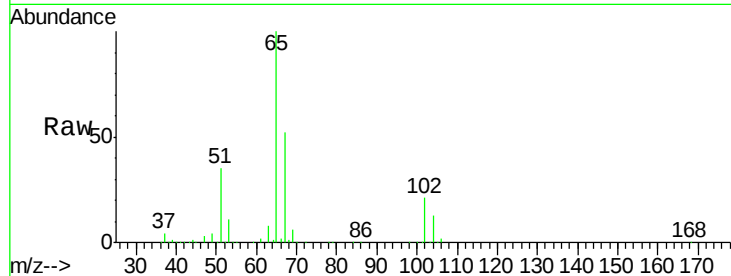
MW-101MS

Tgt Ion: 65 Resp: 111976

Ion Ratio Lower Upper

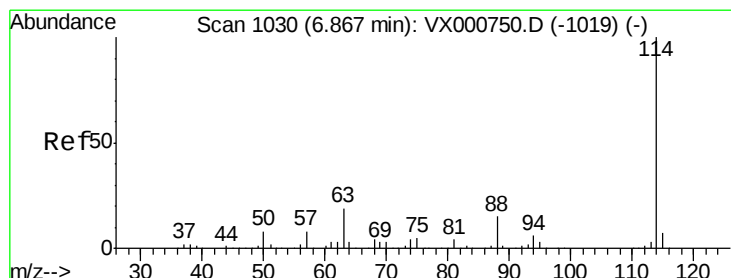
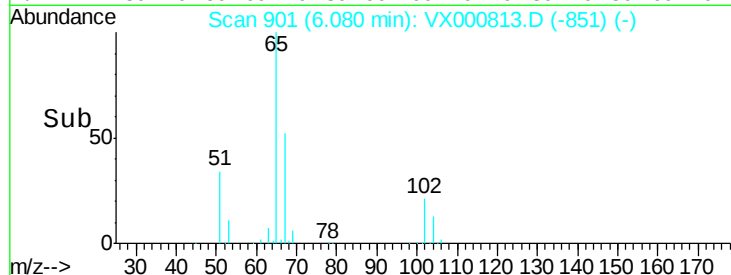
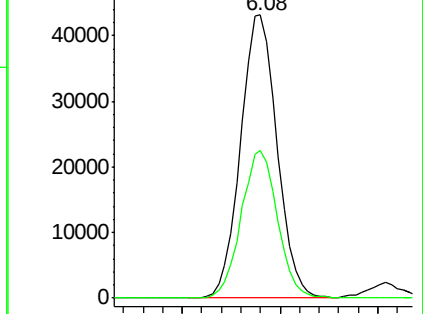
65 100

67 51.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

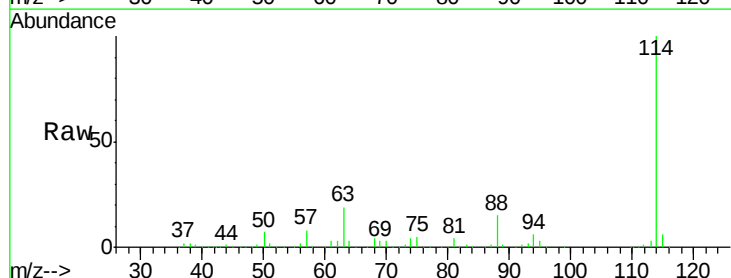
Tgt Ion: 114 Resp: 264856

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

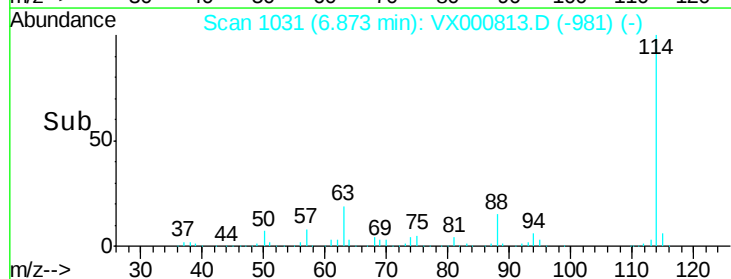
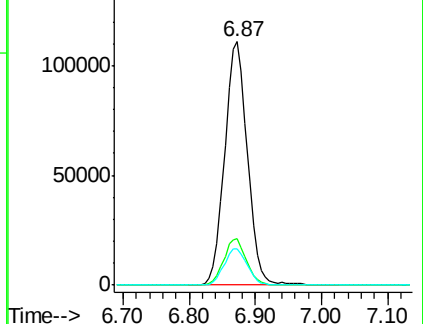
88 15.0 0.0 31.0

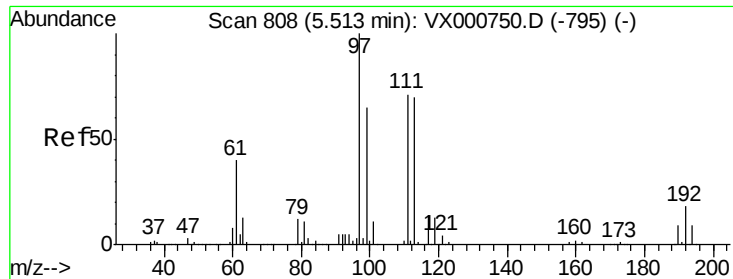


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

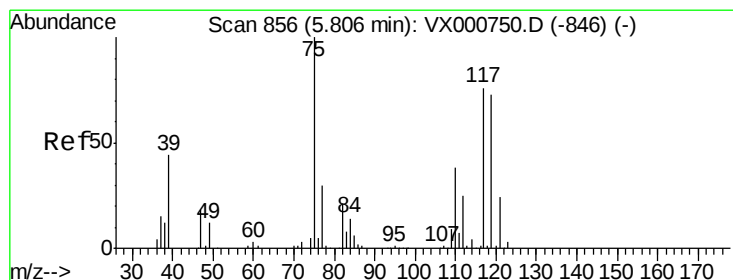
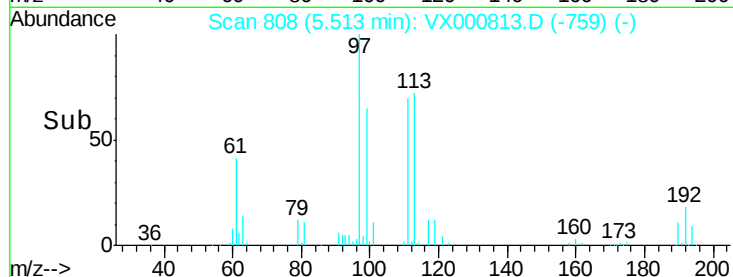
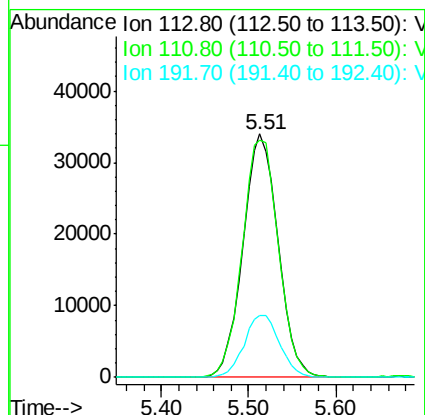
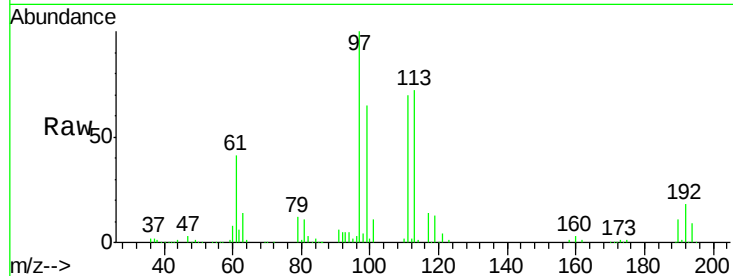




#35
Dibromofluoromethane
Concen: 46.48 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

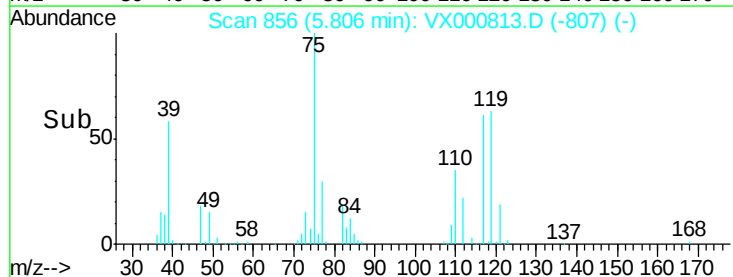
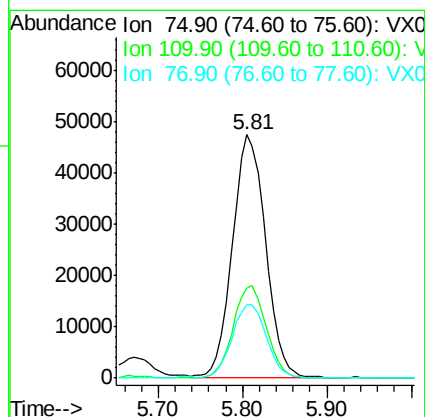
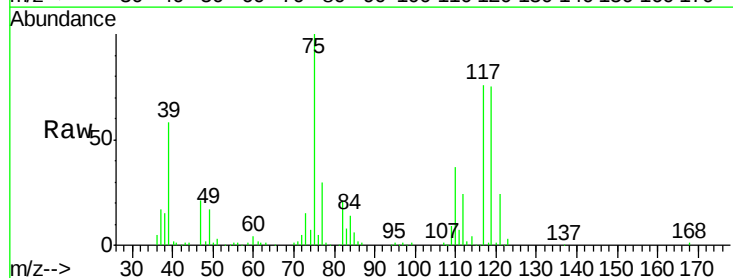
Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

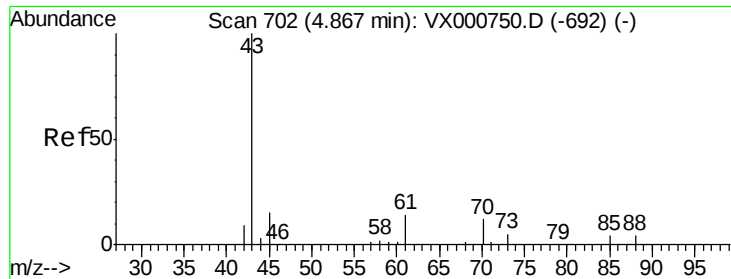
Tgt Ion:113 Resp: 94854
Ion Ratio Lower Upper
113 100
111 100.9 81.5 122.3
192 26.0 20.4 30.6



#36
1,1-Dichloropropene
Concen: 43.09 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 75 Resp: 125702
Ion Ratio Lower Upper
75 100
110 38.3 19.2 57.6
77 31.0 25.4 38.2





#37

Ethyl Acetate

Concen: 52.69 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

MW-101MS

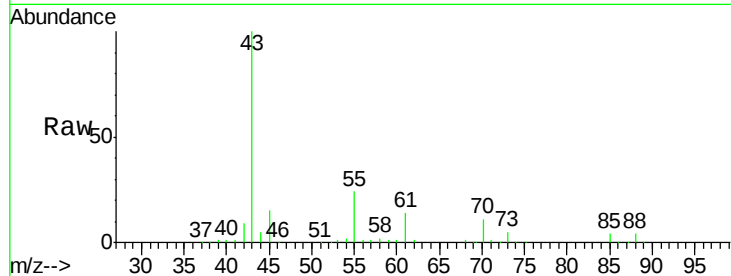
Tgt Ion: 43 Resp: 150050

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.4

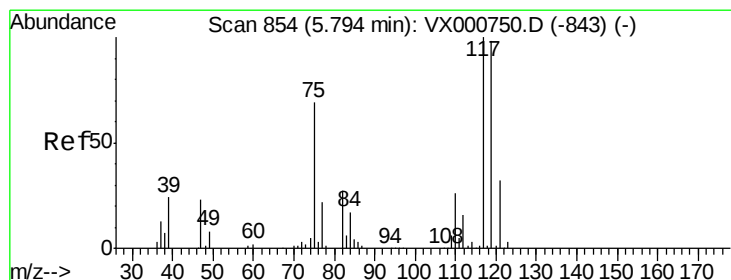
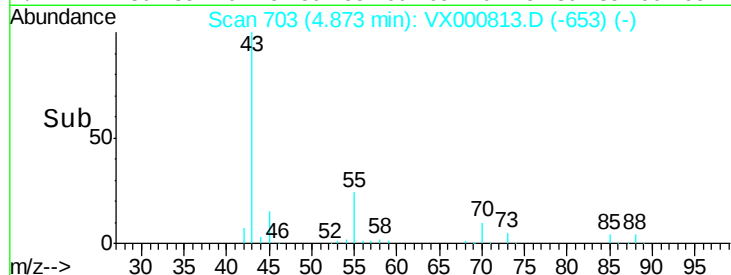
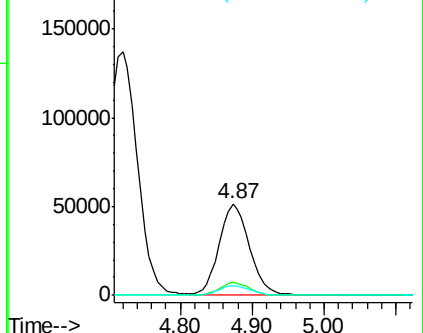
70 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX000750.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX000750.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX000750.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 43.06 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

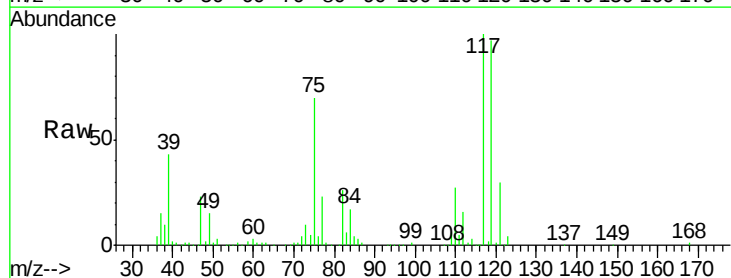
Tgt Ion: 117 Resp: 140575

Ion Ratio Lower Upper

117 100

119 96.7 78.4 117.6

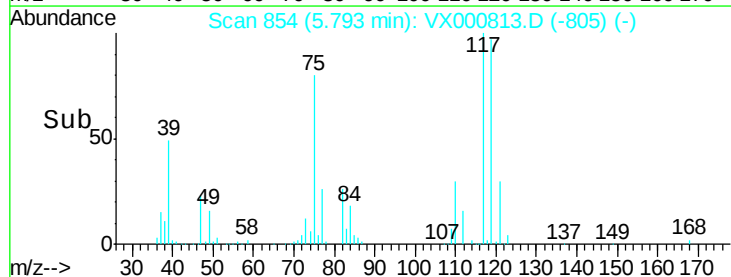
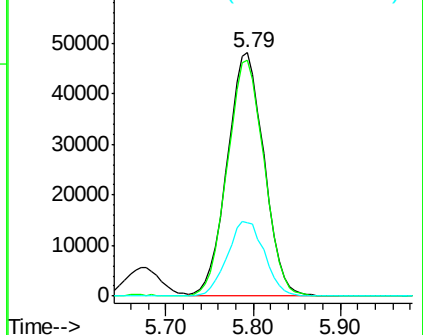
121 30.2 25.4 38.0

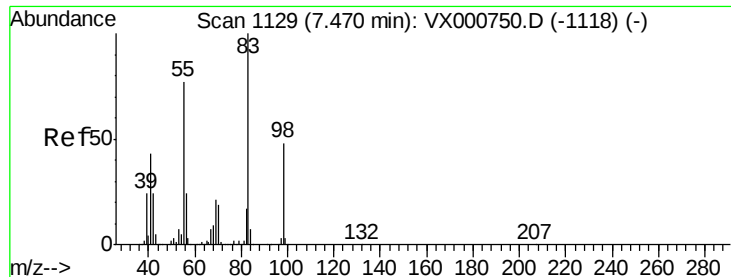


Abundance Ion 116.80 (116.50 to 117.50): VX000750.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000750.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000750.D (-843) (-)

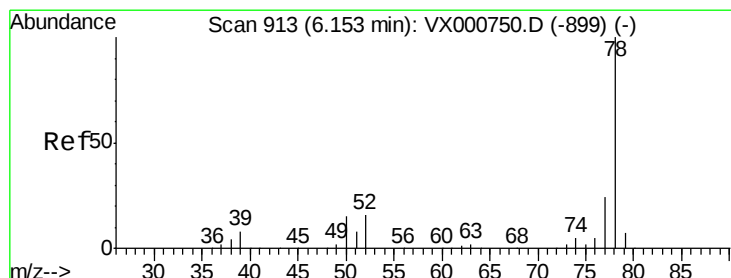
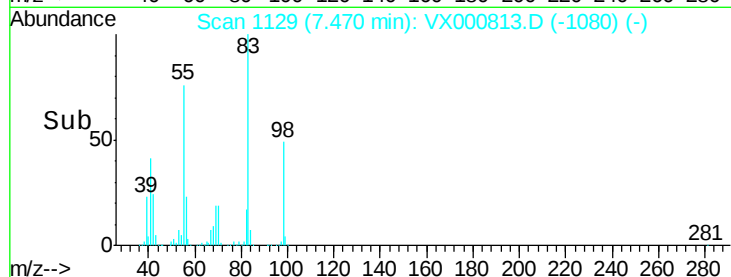
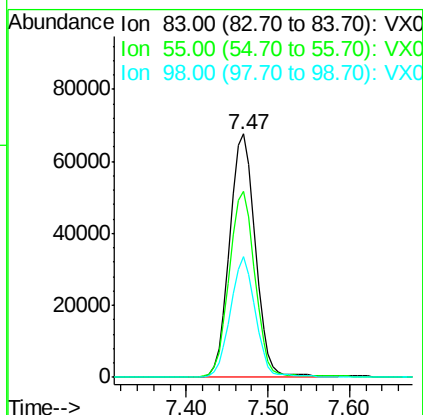
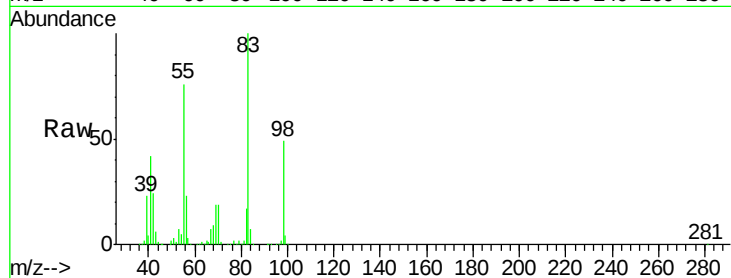




#39
Methylcyclohexane
Concen: 42.14 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

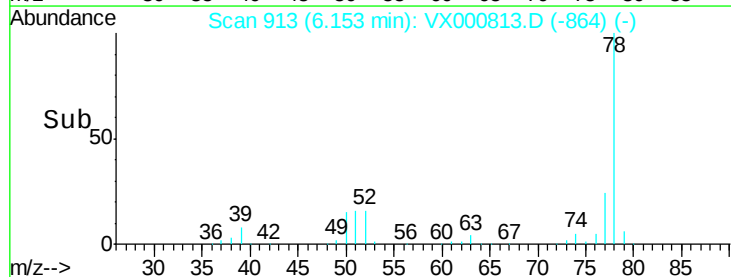
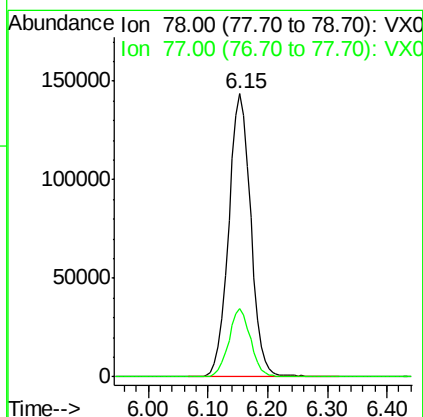
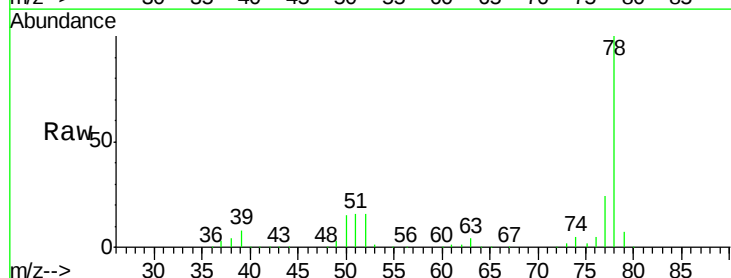
Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

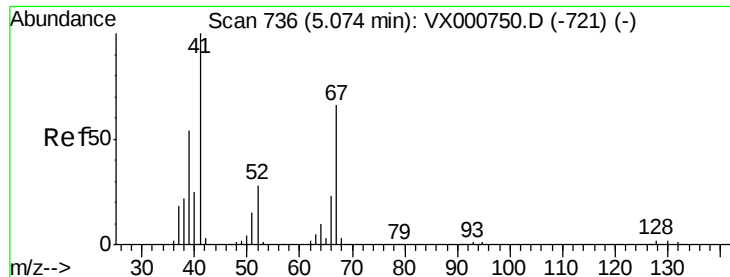
Tgt Ion: 83 Resp: 147599
Ion Ratio Lower Upper
83 100
55 76.2 61.5 92.3
98 49.4 38.1 57.1



#40
Benzene
Concen: 45.64 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 78 Resp: 369866
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#41

Methacrylonitrile

Concen: 51.71 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

MW-101MS

Tgt Ion: 41 Resp: 85067

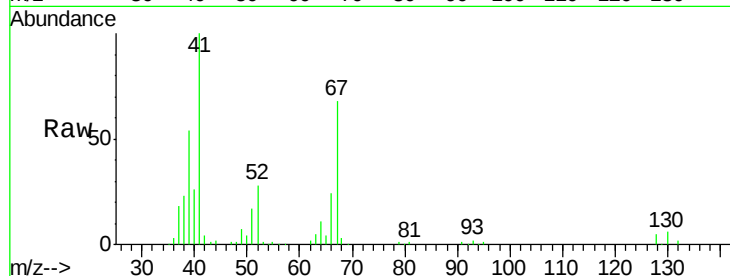
Ion Ratio Lower Upper

41 100

39 54.9 44.9 67.3

67 68.4 54.7 82.1

52 28.4 23.0 34.6

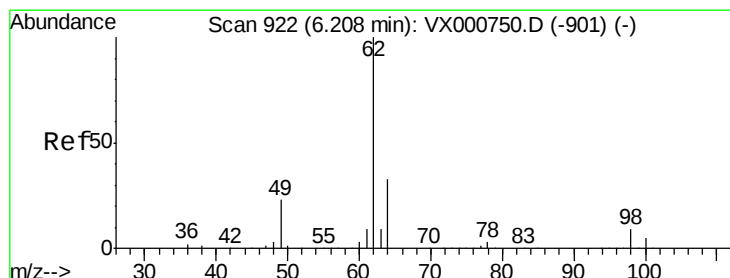
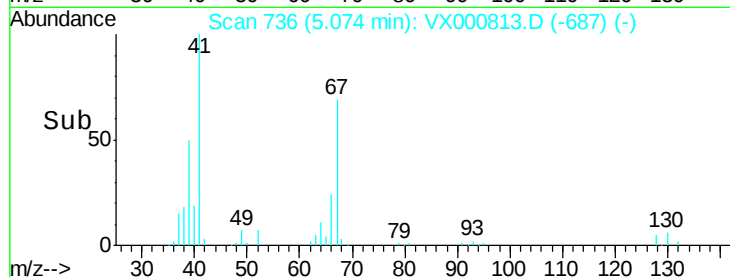
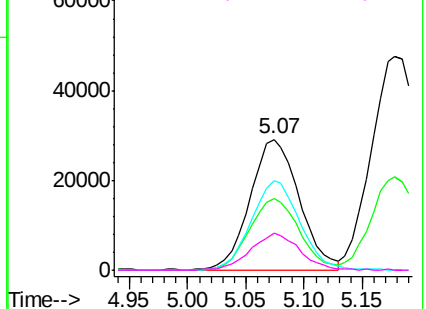


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.69 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000813.D

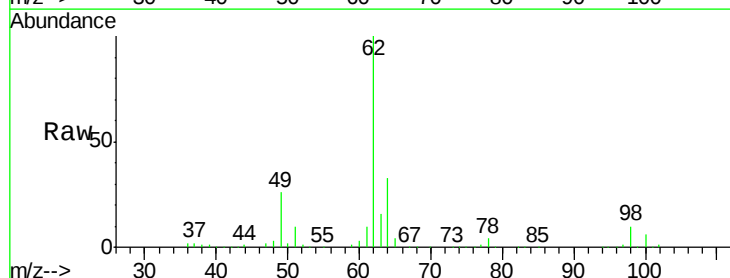
Acq: 12 Apr 2018 19:56

Tgt Ion: 62 Resp: 141340

Ion Ratio Lower Upper

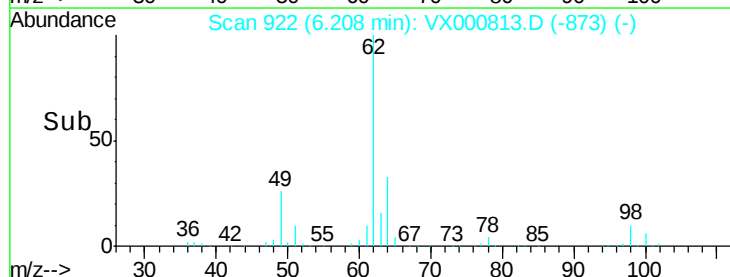
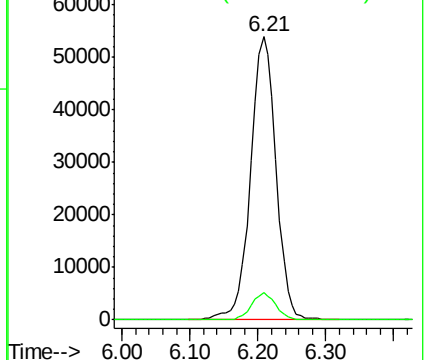
62 100

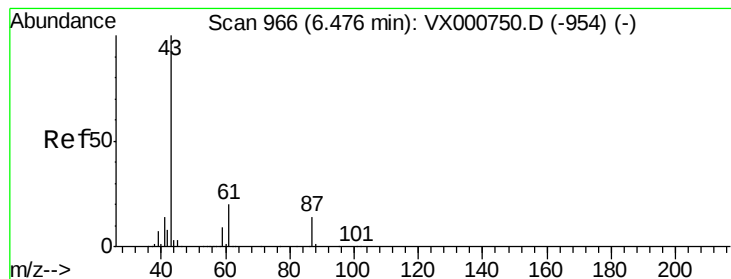
98 9.1 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.37 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

MW-101MS

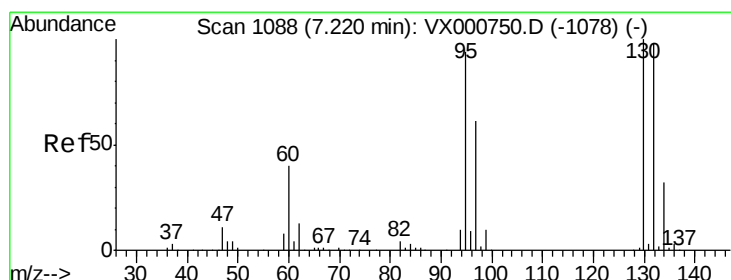
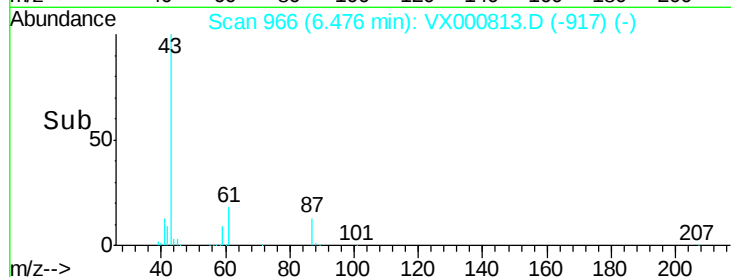
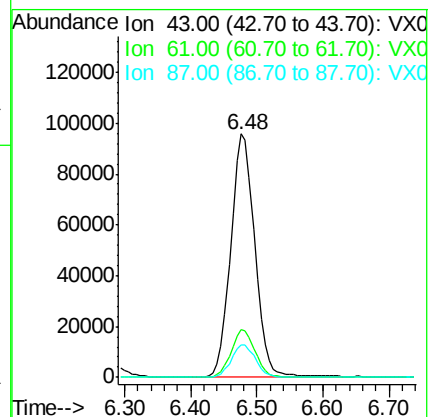
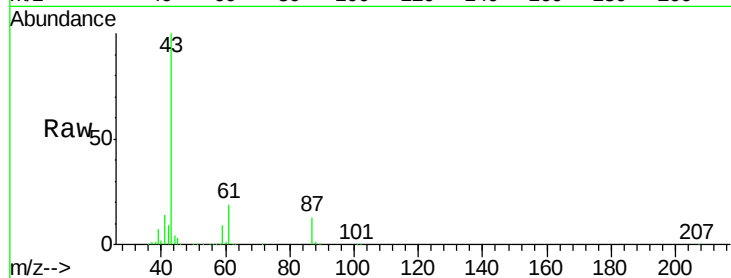
Tgt Ion: 43 Resp: 241005

Ion Ratio Lower Upper

43 100

61 19.4 15.6 23.4

87 13.6 10.7 16.1



#44

Trichloroethene

Concen: 43.81 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000813.D

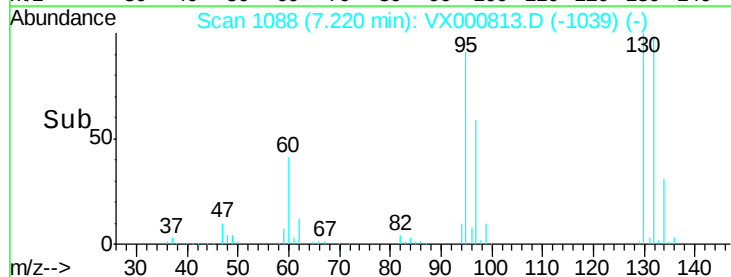
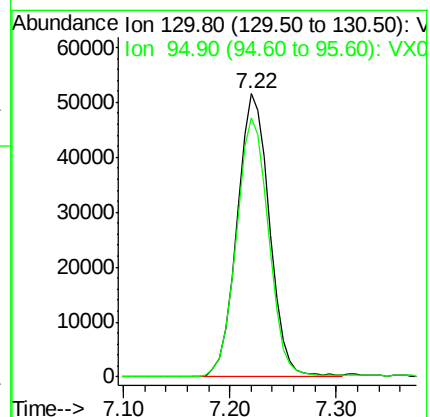
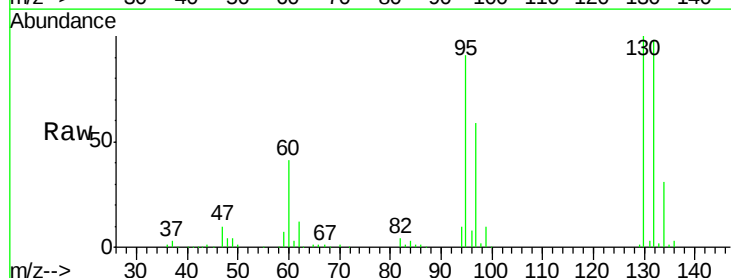
Acq: 12 Apr 2018 19:56

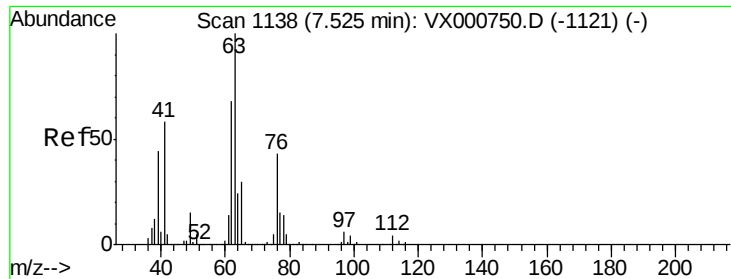
Tgt Ion: 130 Resp: 110427

Ion Ratio Lower Upper

130 100

95 91.3 0.0 187.0

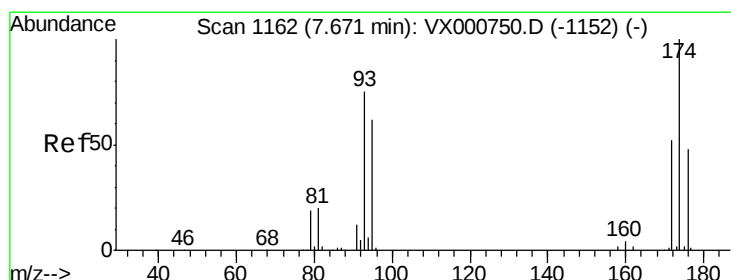
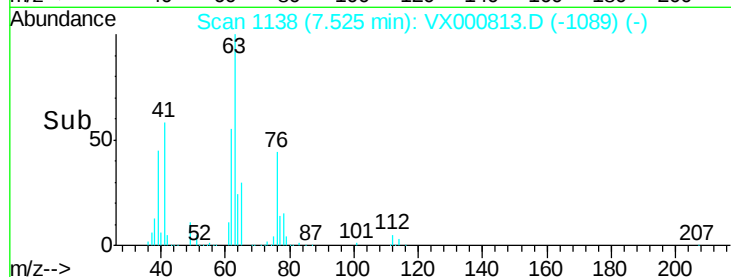
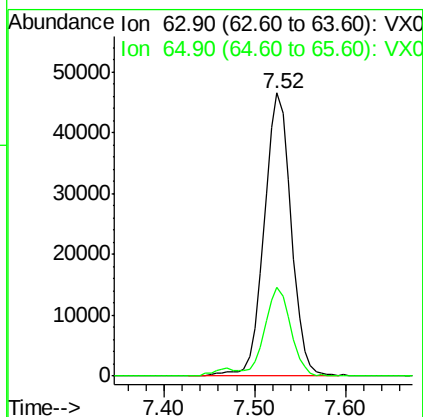
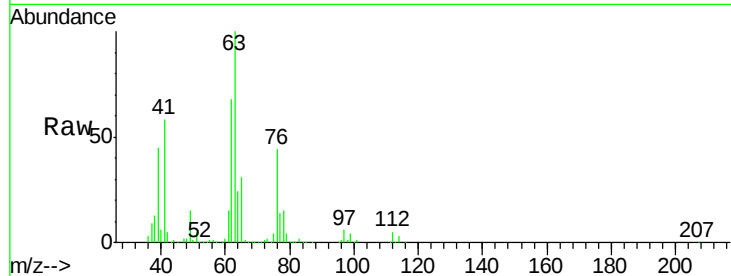




#45
 1,2-Dichloropropane
 Concen: 46.43 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

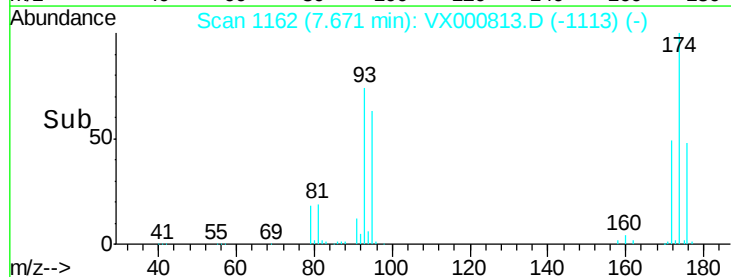
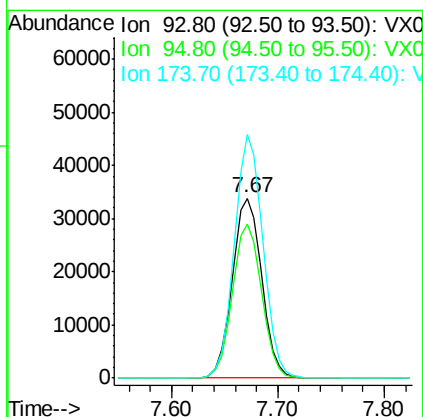
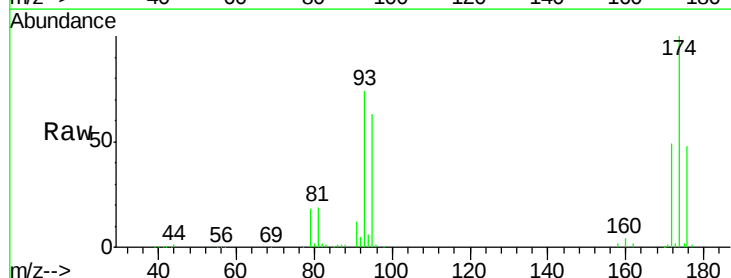
Instrument :
 MSVOA_X
 ClientSampled :
 MW-101MS

Tgt Ion: 63 Resp: 95825
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.7 35.5



#46
 Dibromomethane
 Concen: 45.85 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion: 93 Resp: 65969
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.6 100.0
 174 131.8 104.5 156.7

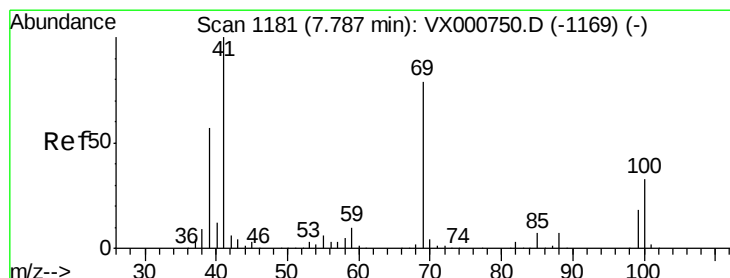
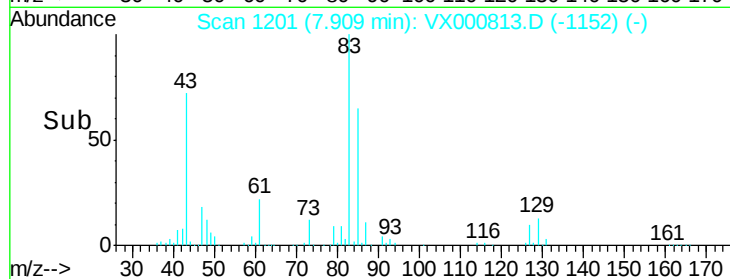
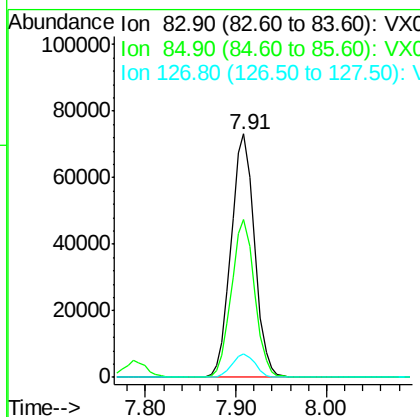
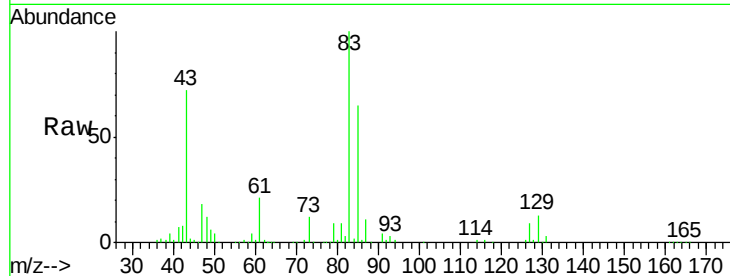




#47
 Bromodichloromethane
 Concen: 45.16 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

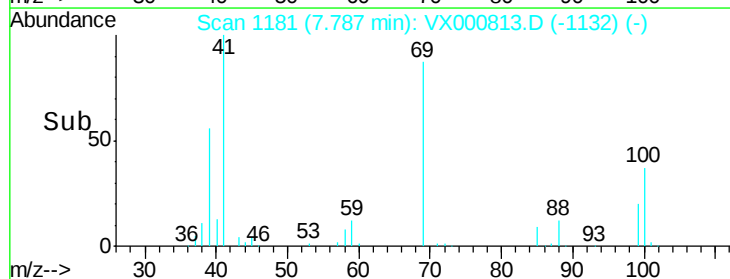
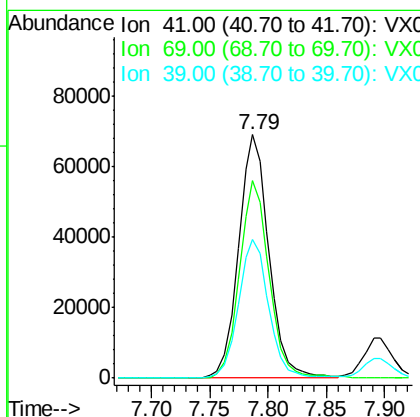
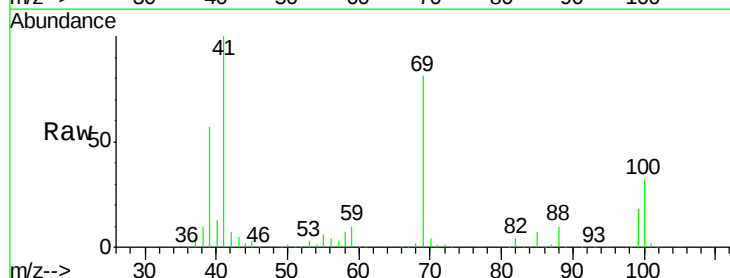
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

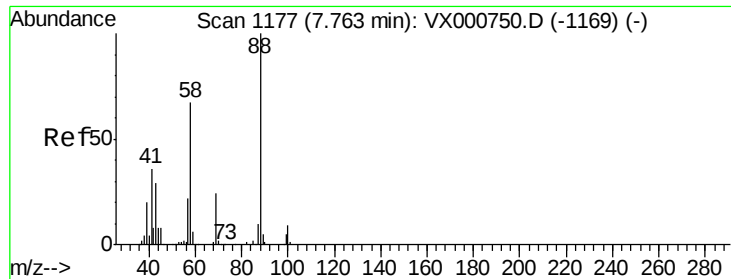
Tgt Ion: 83 Resp: 131143
 Ion Ratio Lower Upper
 83 100
 85 64.9 52.2 78.4
 127 9.5 7.8 11.8



#48
 Methyl methacrylate
 Concen: 49.16 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion: 41 Resp: 124404
 Ion Ratio Lower Upper
 41 100
 69 80.7 63.9 95.9
 39 56.8 45.9 68.9





#49

1,4-Dioxane

Concen: 1008.12 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

MW-101MS

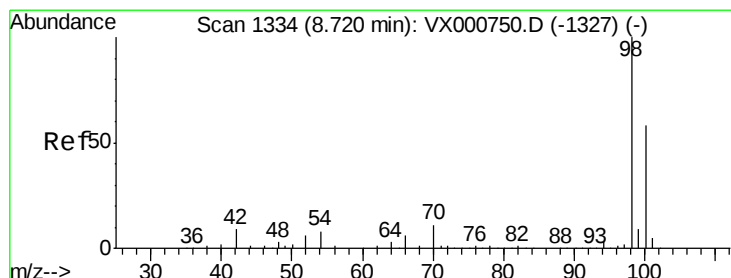
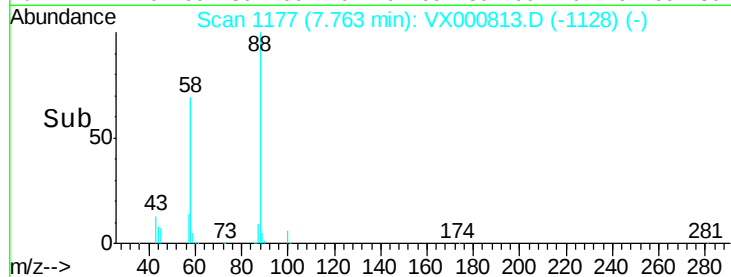
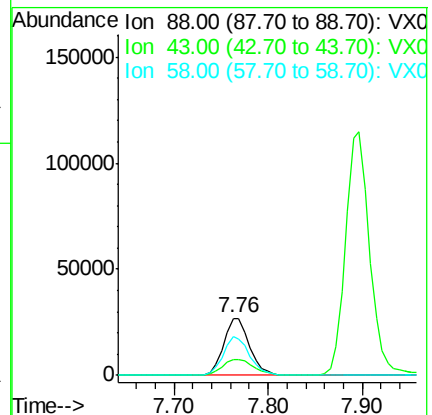
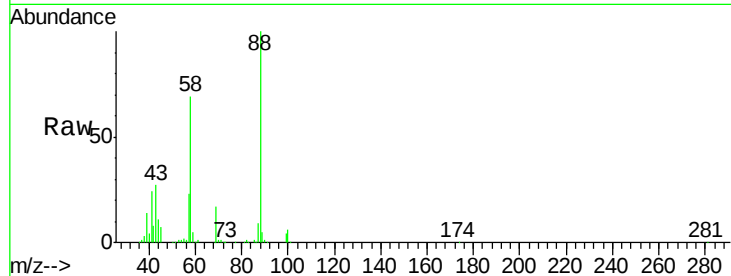
Tgt Ion: 88 Resp: 51268

Ion Ratio Lower Upper

88 100

43 33.1 25.8 38.8

58 69.7 54.4 81.6



#50

Toluene-d8

Concen: 44.93 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000813.D

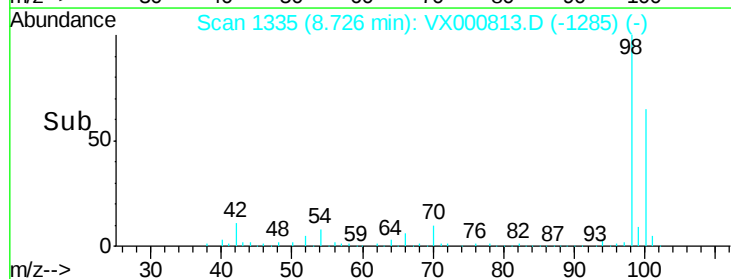
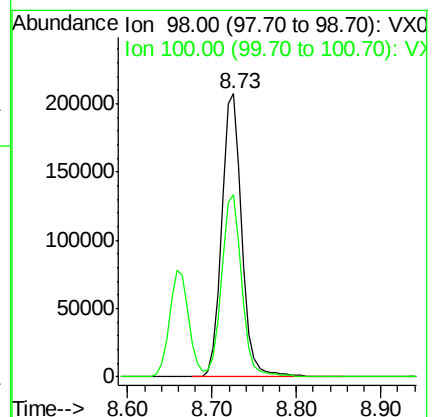
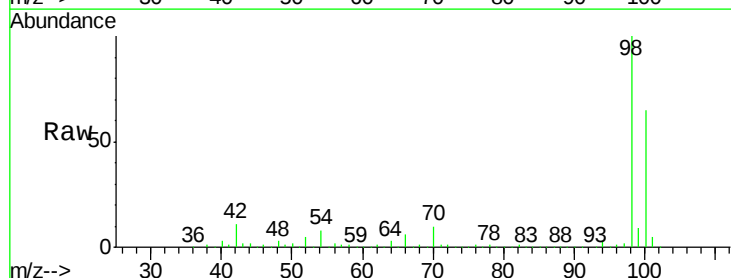
Acq: 12 Apr 2018 19:56

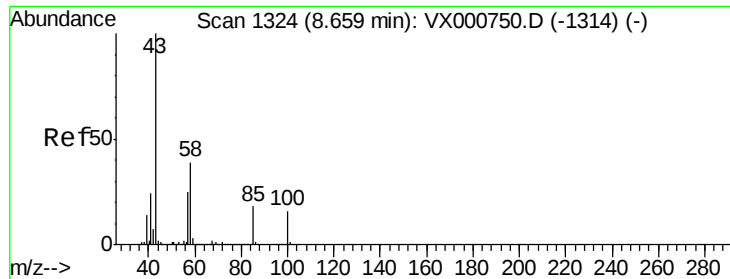
Tgt Ion: 98 Resp: 341332

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0

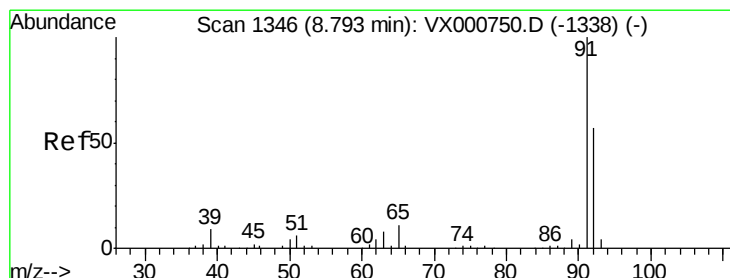
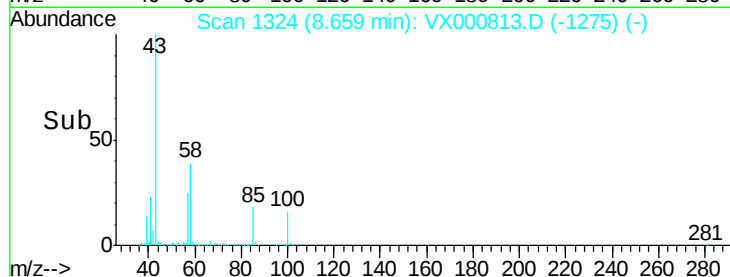
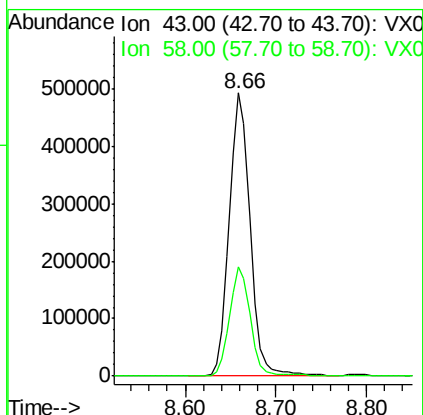
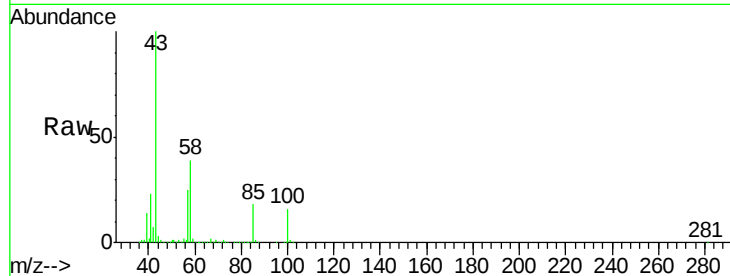




#51
 4-Methyl-2-Pentanone
 Concen: 276.15 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

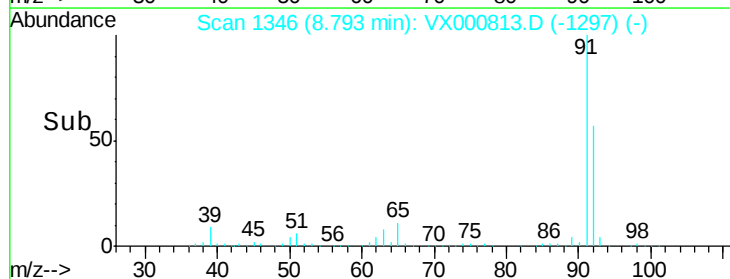
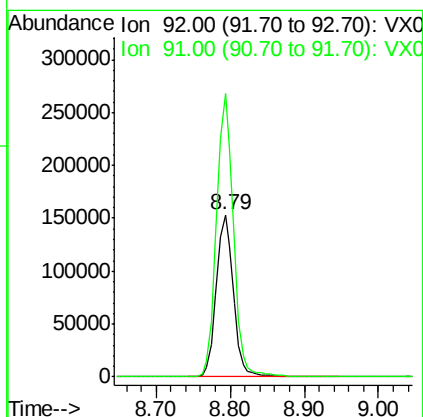
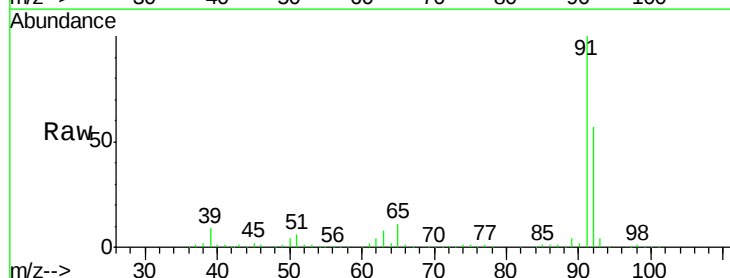
Instrument :
 MSVOA_X
 ClientSampled :
 MW-101MS

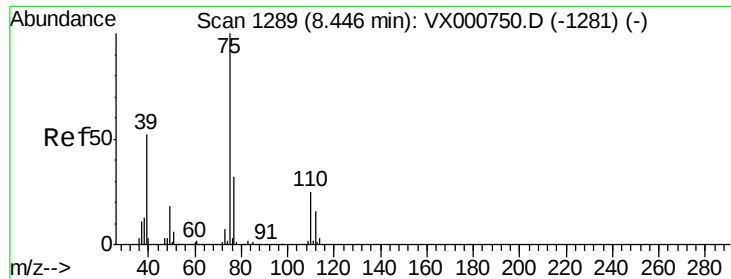
Tgt Ion: 43 Resp: 791940
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.3 45.5



#52
 Toluene
 Concen: 44.89 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion: 92 Resp: 241386
 Ion Ratio Lower Upper
 92 100
 91 173.8 139.0 208.4

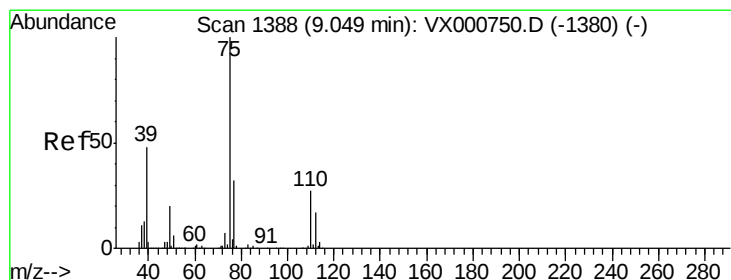
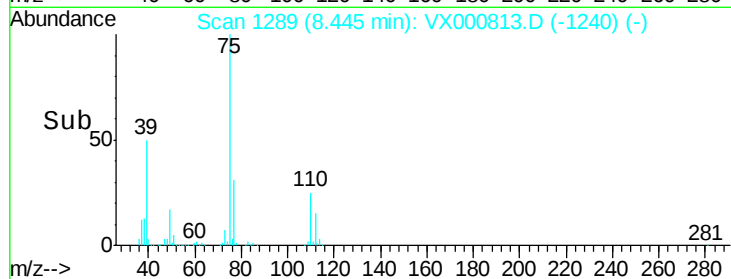
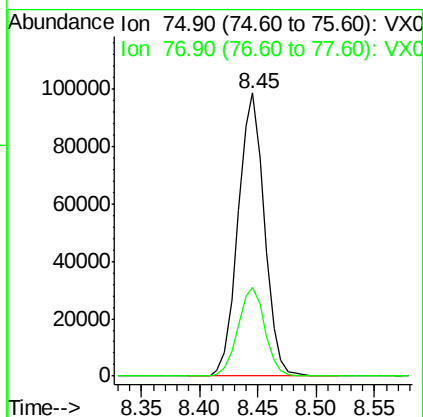
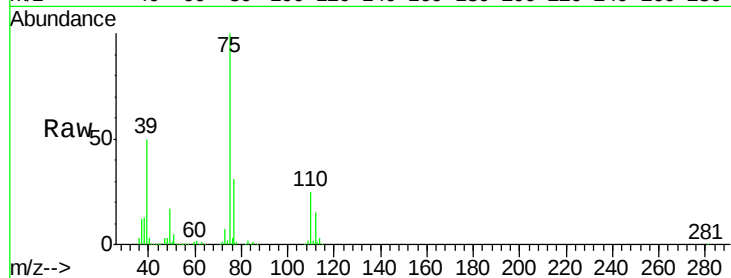




#53
t-1,3-Dichloropropene
Concen: 44.68 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

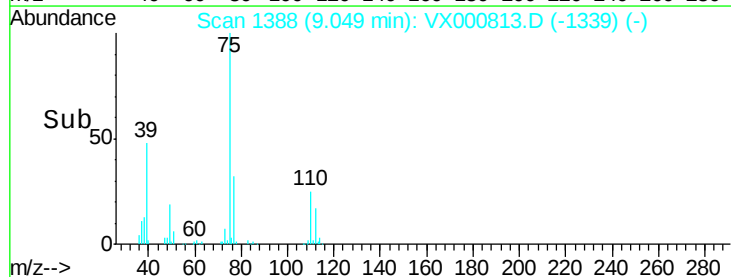
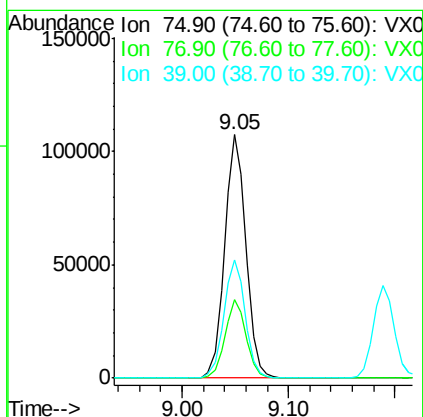
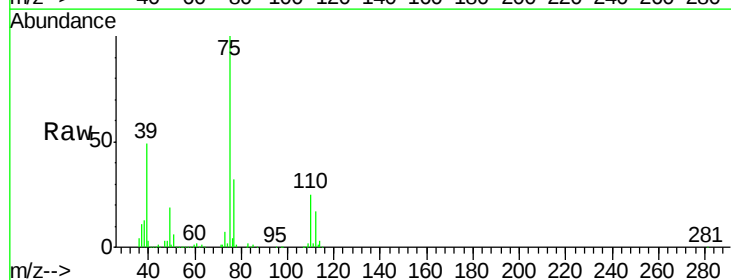
Instrument :
MSVOA_X
ClientSampled :
MW-101MS

Tgt Ion: 75 Resp: 155640
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 44.25 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 75 Resp: 150081
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
39 48.7 38.6 58.0

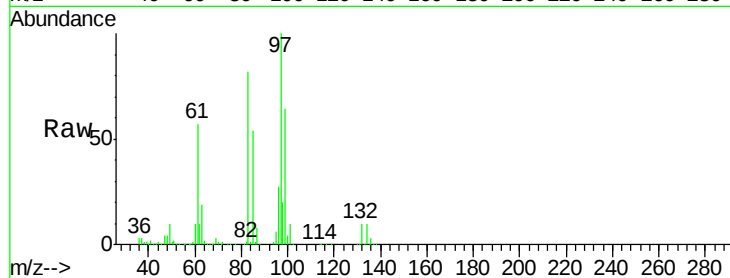




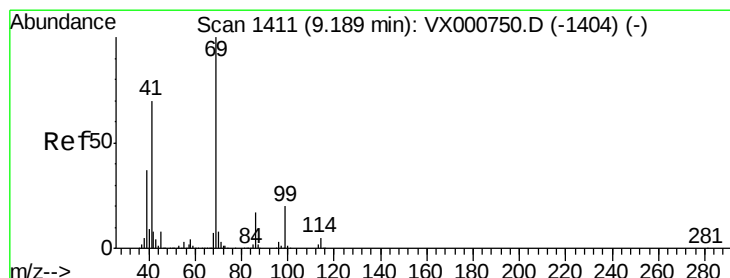
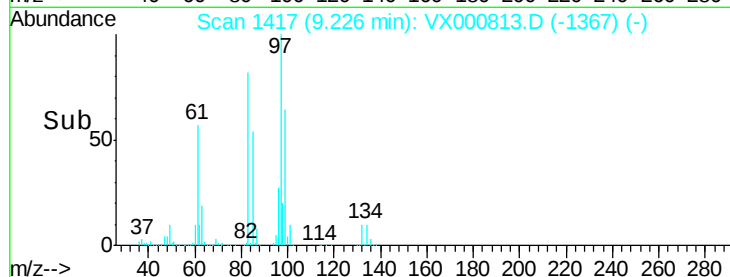
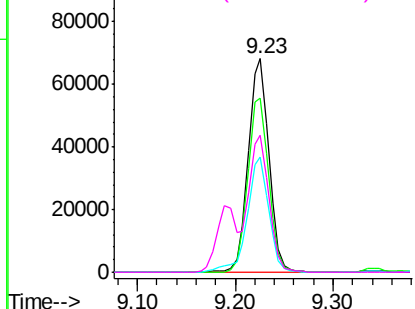
#55
 1,1,2-Trichloroethane
 Concen: 46.80 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

Tgt Ion: 97 Resp: 99890
 Ion Ratio Lower Upper
 97 100
 83 81.8 67.6 101.4
 85 53.9 43.8 65.6
 99 64.0 50.2 75.4

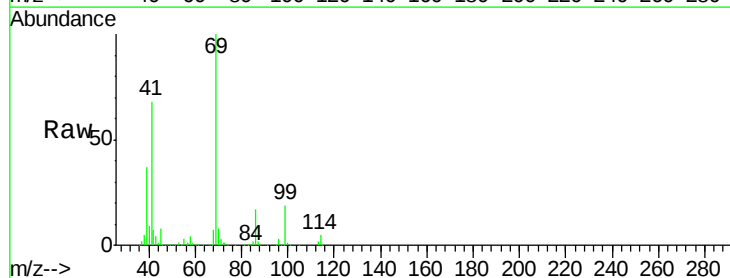


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

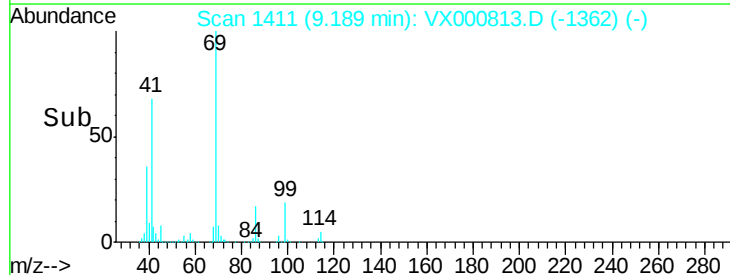
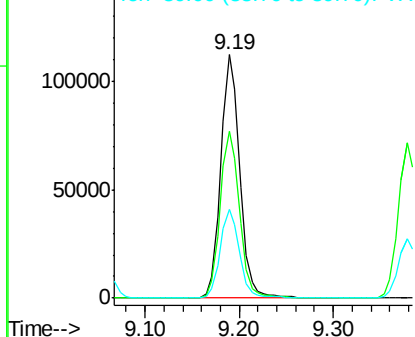


#56
 Ethyl methacrylate
 Concen: 47.95 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion: 69 Resp: 157897
 Ion Ratio Lower Upper
 69 100
 41 69.7 55.6 83.4
 39 36.6 30.3 45.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.70 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

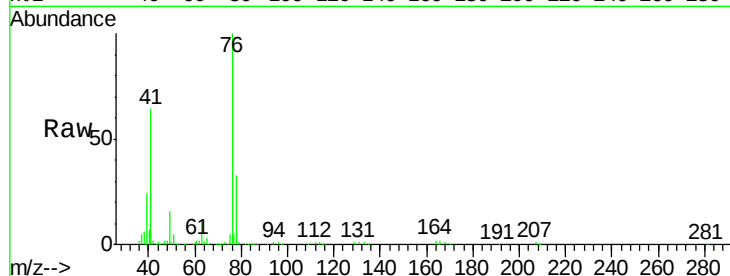
MW-101MS

Tgt Ion: 76 Resp: 161874

Ion Ratio Lower Upper

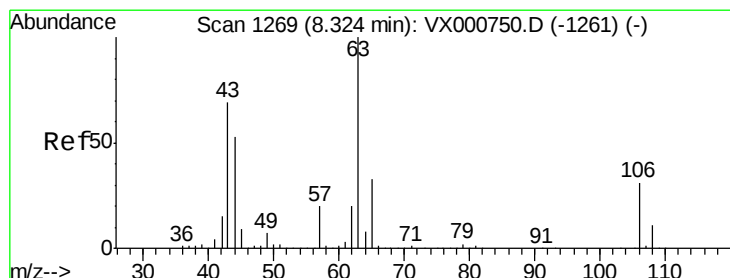
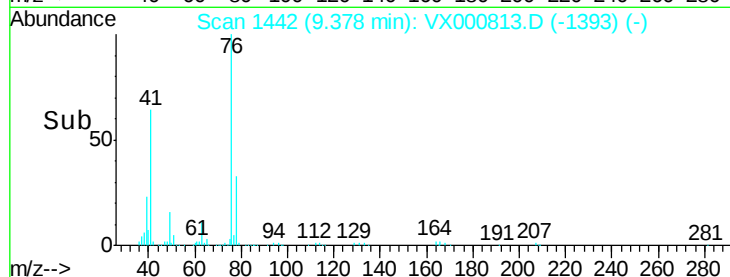
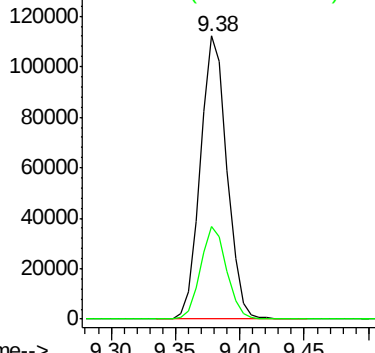
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.78 ug/l

RT: 8.25 min Scan# 1257

Delta R.T. -0.07 min

Lab File: VX000813.D

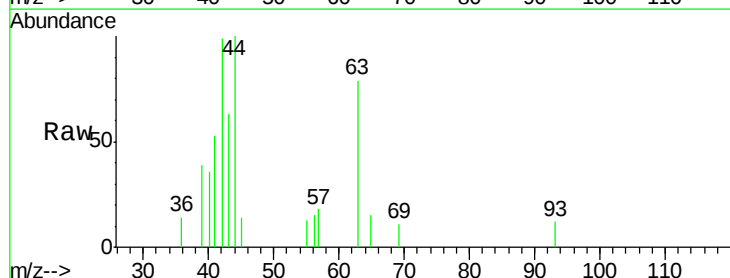
Acq: 12 Apr 2018 19:56

Tgt Ion: 63 Resp: 1198

Ion Ratio Lower Upper

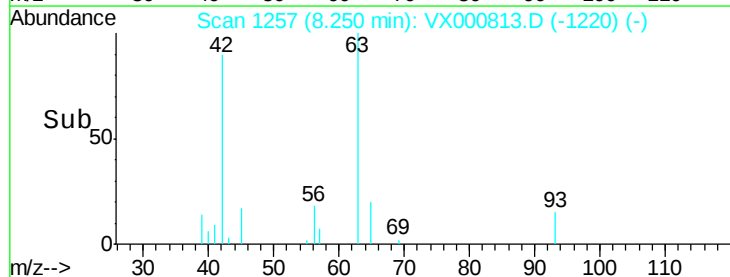
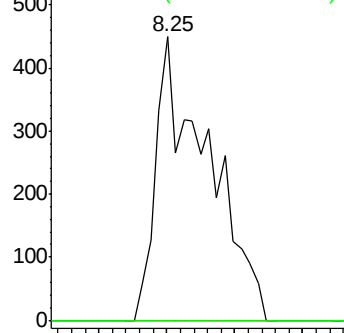
63 100

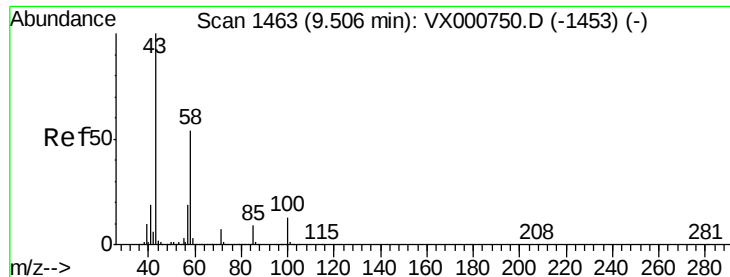
106 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

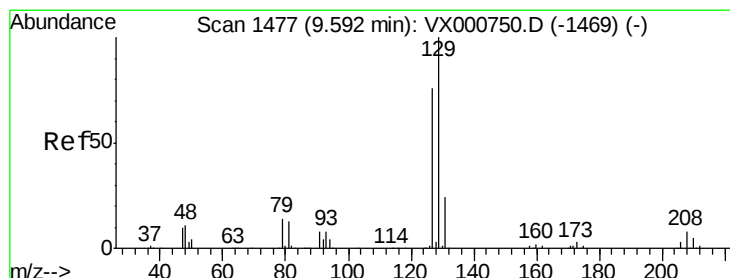
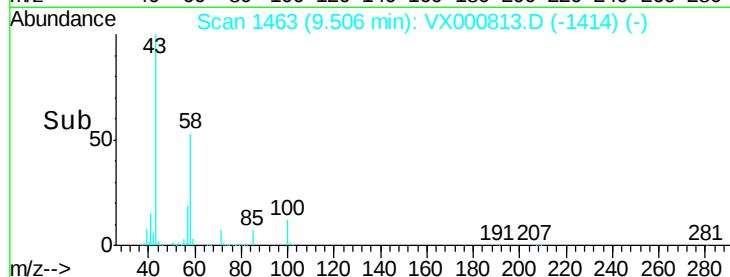
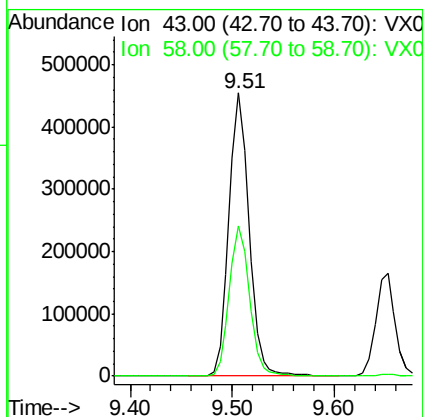
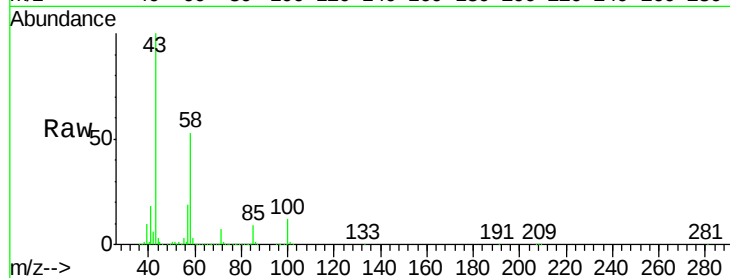




#59
2-Hexanone
Concen: 280.61 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

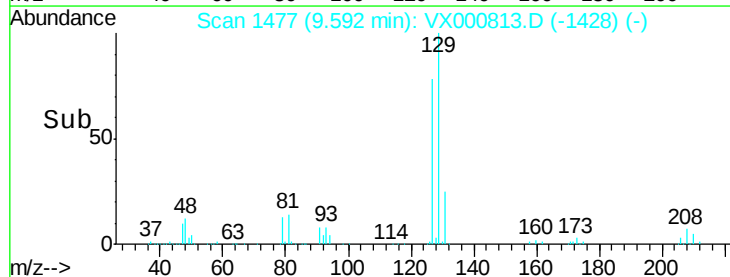
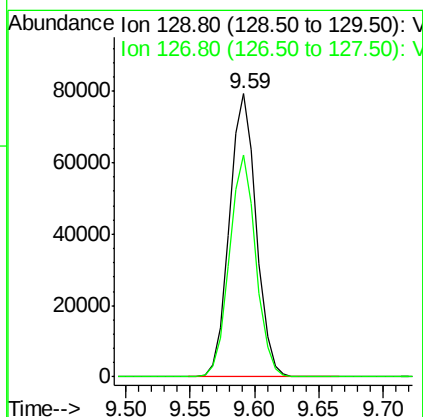
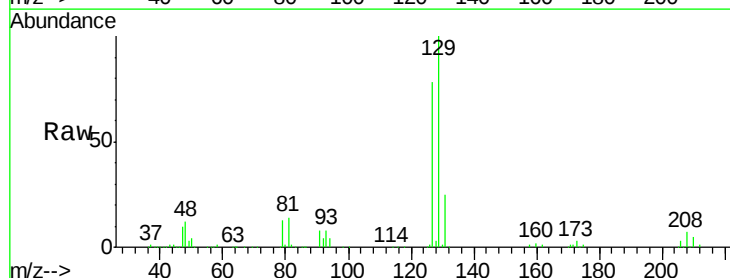
Instrument :
MSVOA_X
ClientSampled :
MW-101MS

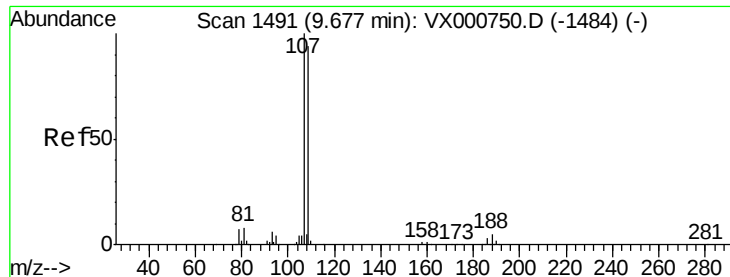
Tgt Ion: 43 Resp: 621241
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.5



#60
Dibromochloromethane
Concen: 45.23 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 129 Resp: 115528
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.69 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

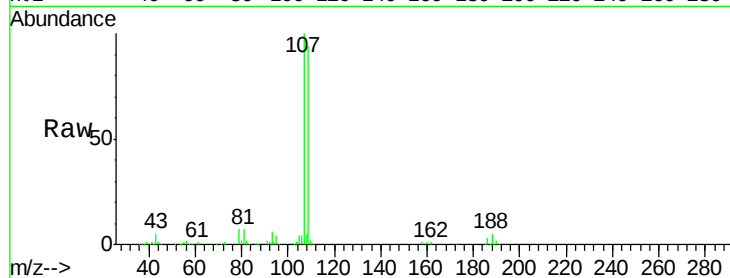
MW-101MS

Tgt Ion: 107 Resp: 107999

Ion Ratio Lower Upper

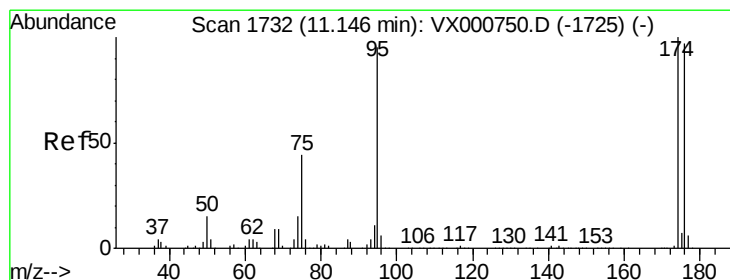
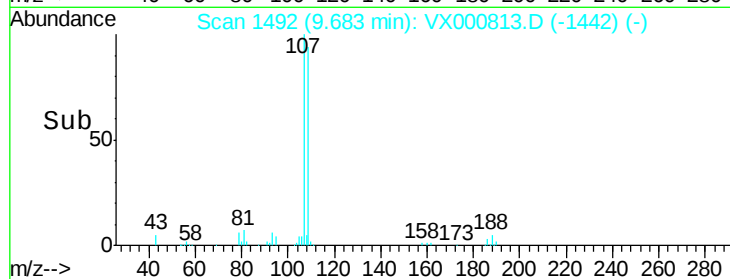
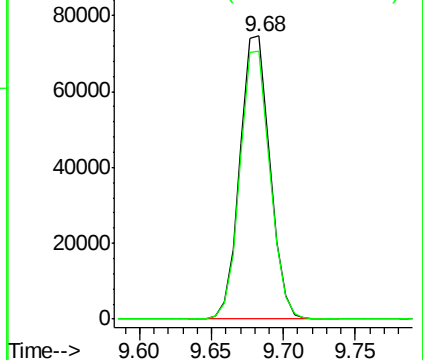
107 100

109 94.5 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.28 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

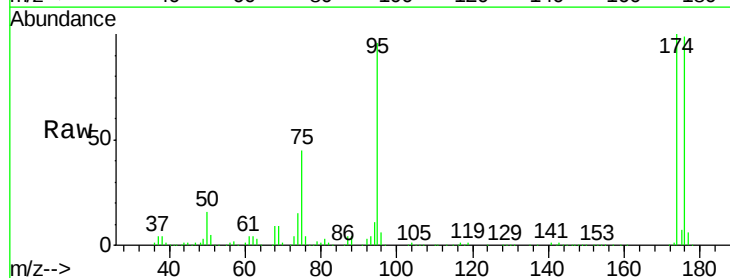
Tgt Ion: 95 Resp: 139197

Ion Ratio Lower Upper

95 100

174 99.3 0.0 198.4

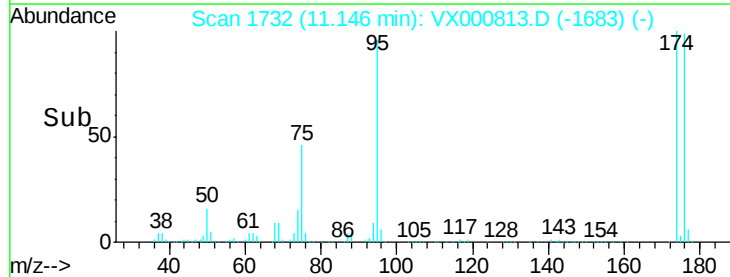
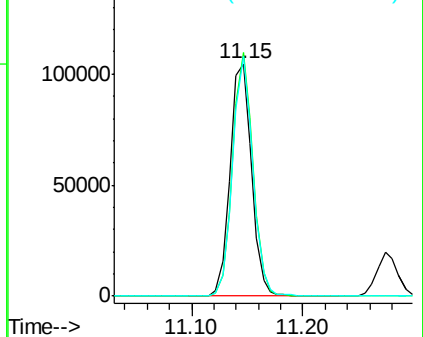
176 97.3 0.0 194.4

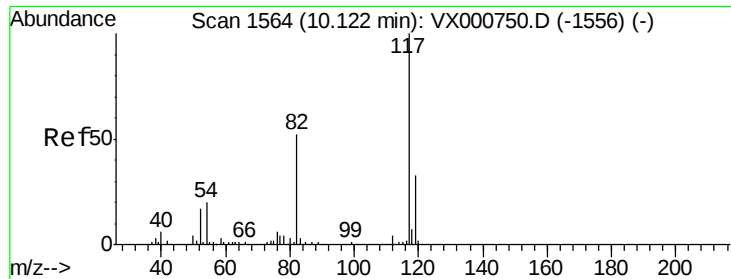


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

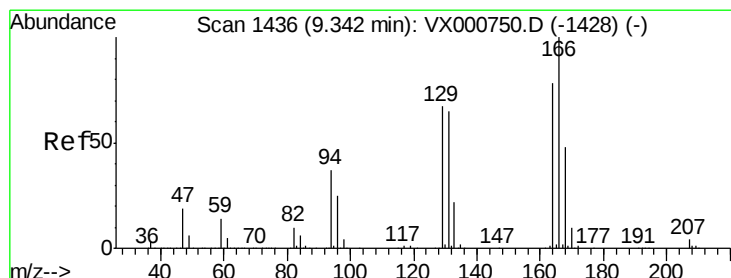
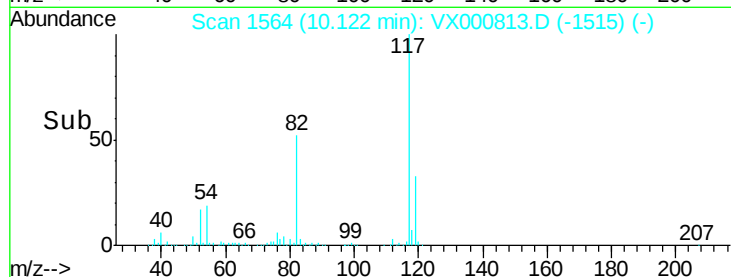
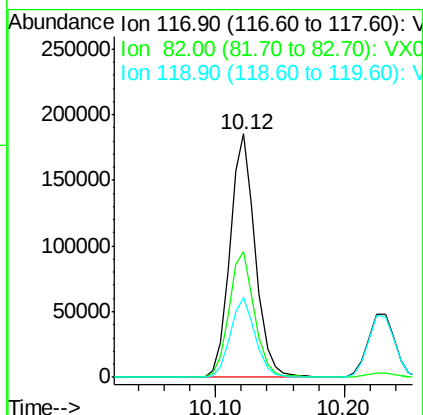
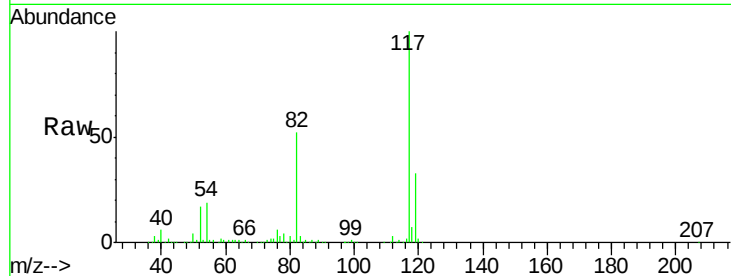




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

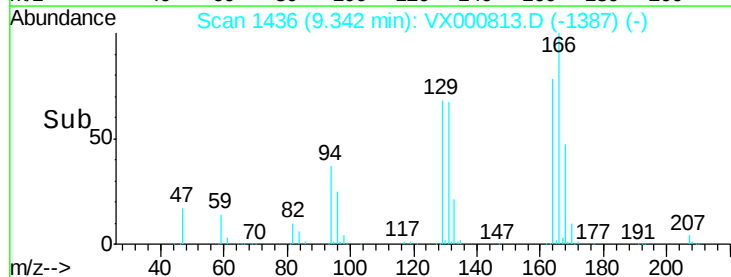
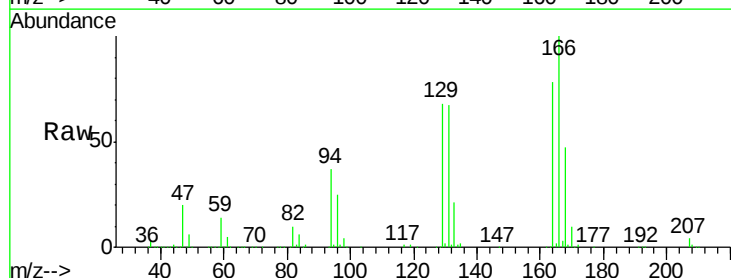
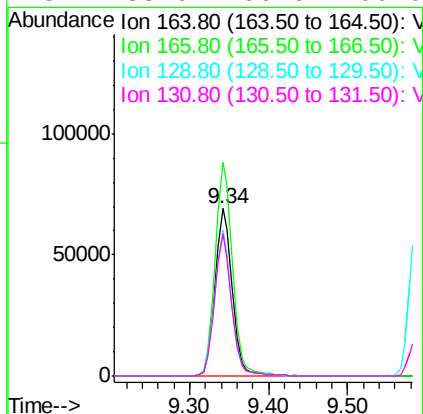
Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

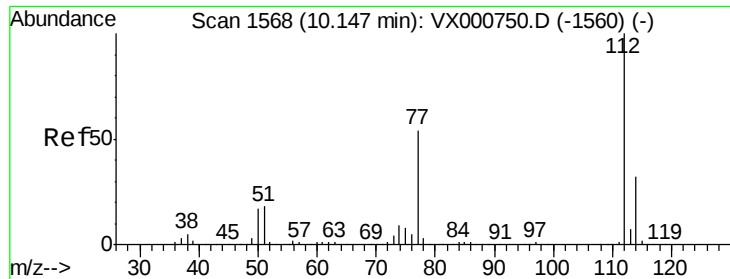
Tgt Ion:117 Resp: 253399
Ion Ratio Lower Upper
117 100
82 51.9 41.9 62.9
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 42.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion:164 Resp: 105730
Ion Ratio Lower Upper
164 100
166 127.7 102.8 154.2
129 87.5 68.5 102.7
131 85.0 66.6 100.0

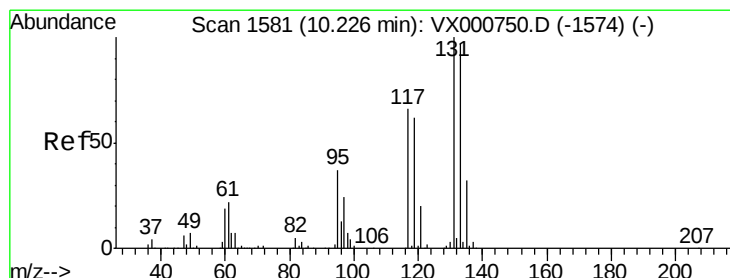
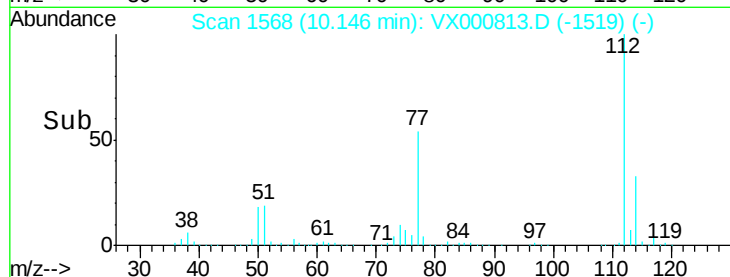
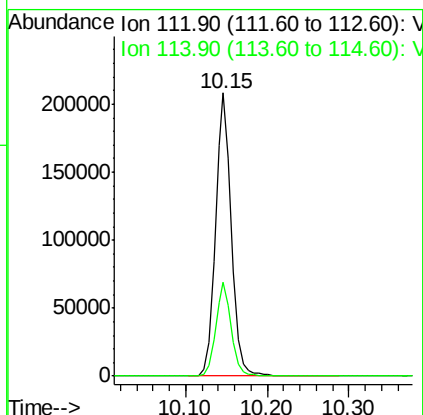
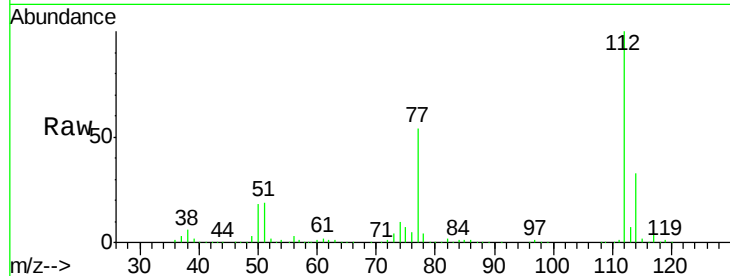




#65
Chlorobenzene
Concen: 44.65 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

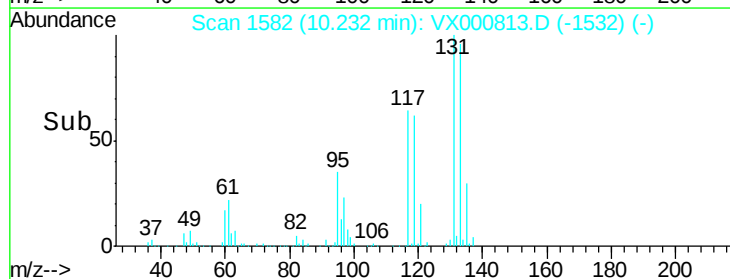
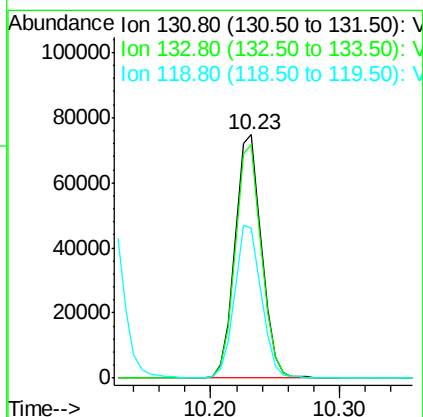
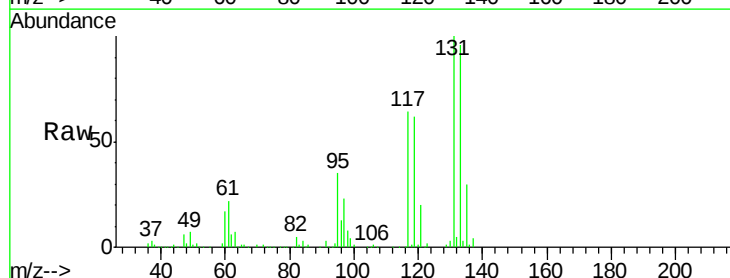
Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

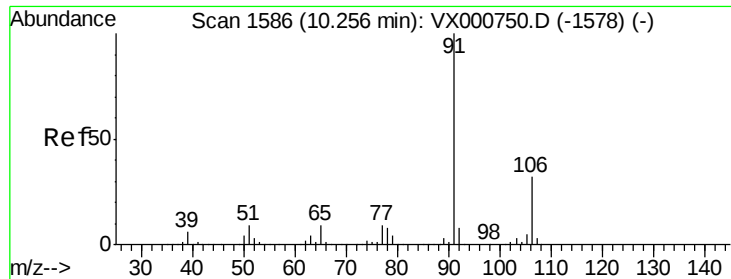
Tgt Ion:112 Resp: 284592
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 44.65 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion:131 Resp: 107126
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.9
119 63.1 31.4 94.0

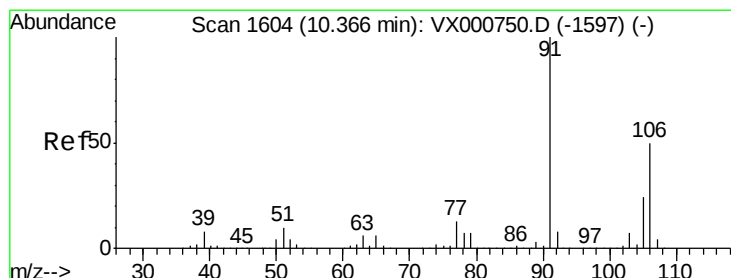
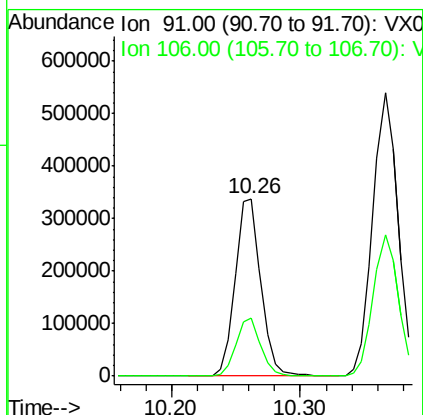
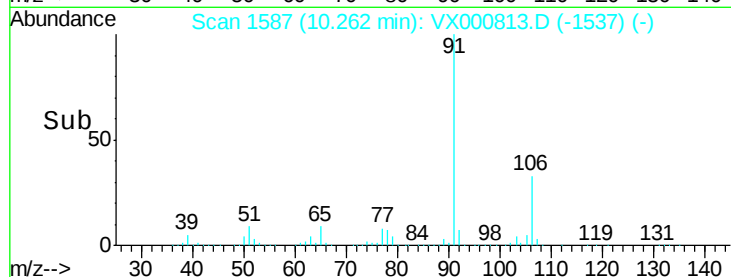
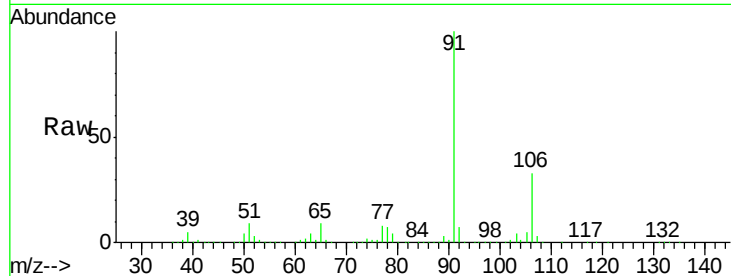




#67
Ethyl Benzene
Concen: 44.24 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

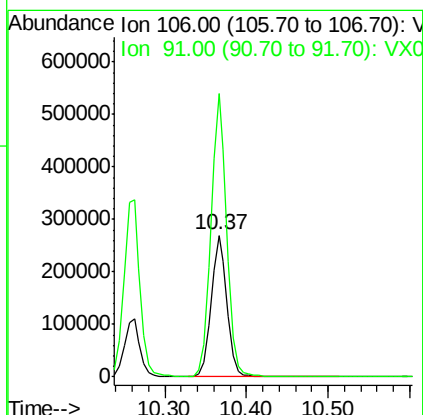
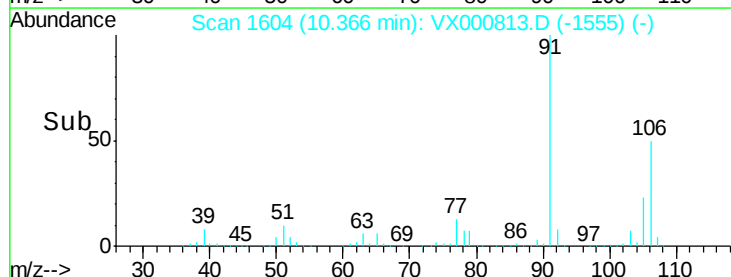
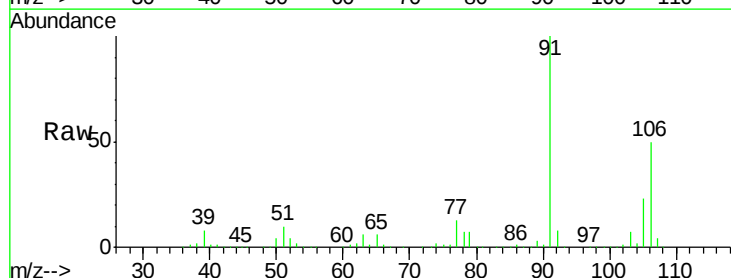
Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

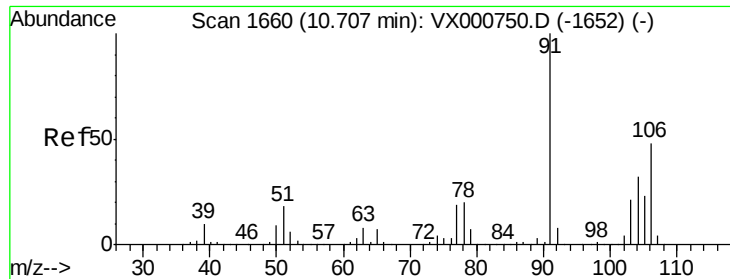
Tgt Ion: 91 Resp: 470180
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.0



#68
m/p-Xylenes
Concen: 87.80 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 106 Resp: 368319
Ion Ratio Lower Upper
106 100
91 200.2 159.3 238.9

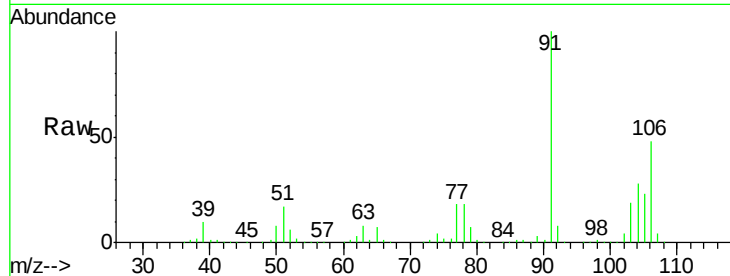




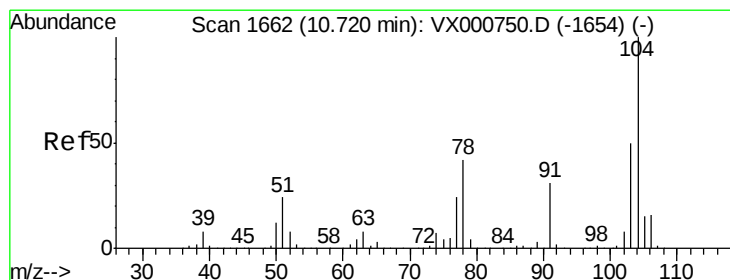
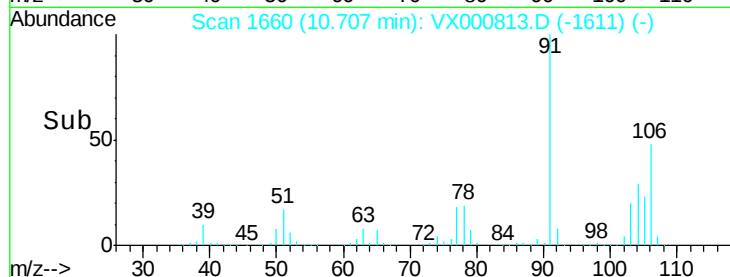
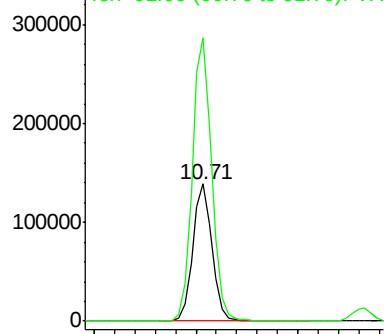
#69
o-Xylene
Concen: 44.83 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

Tgt Ion:106 Resp: 181246
Ion Ratio Lower Upper
106 100
91 209.0 105.0 315.0

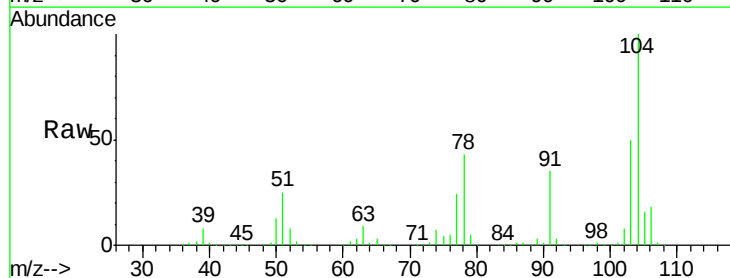


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

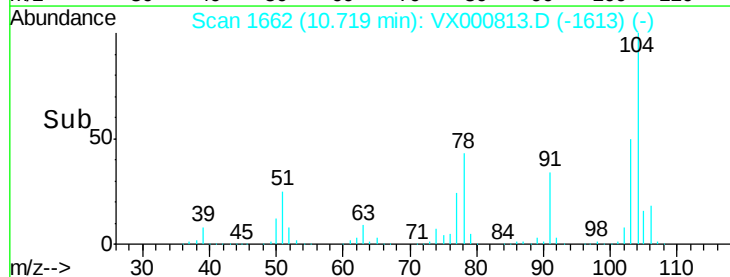
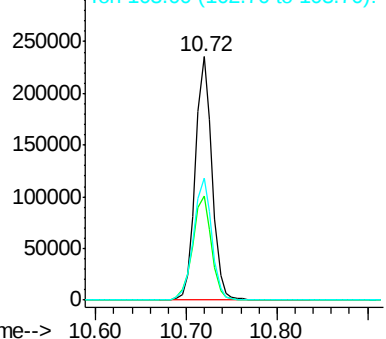


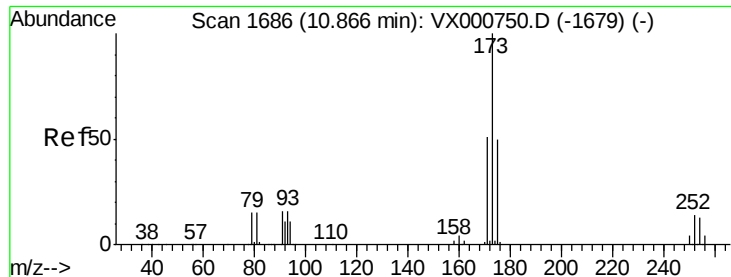
#70
Styrene
Concen: 44.25 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion:104 Resp: 301598
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 54.9 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

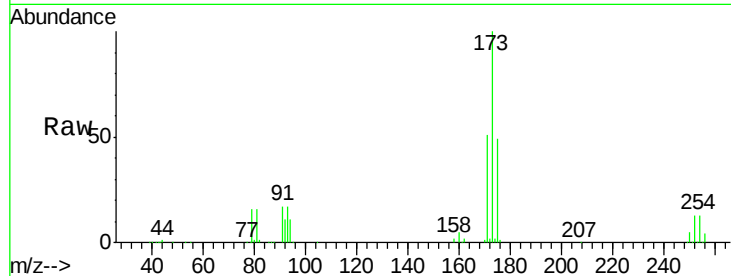




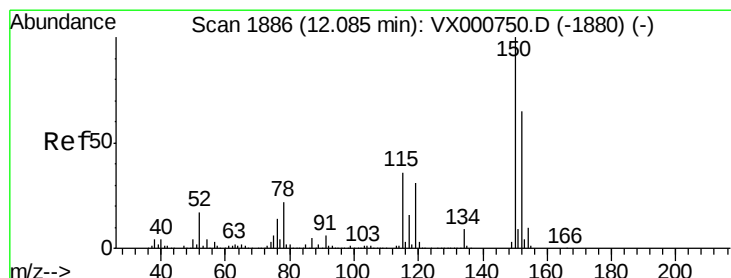
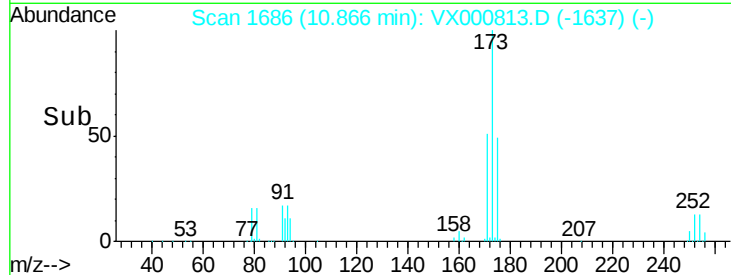
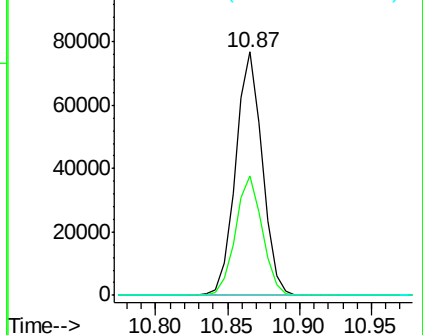
#71
Bromoform
Concen: 44.51 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

Tgt Ion:173 Resp: 98882
Ion Ratio Lower Upper
173 100
175 49.4 24.5 73.5
254 0.2 0.2 0.2

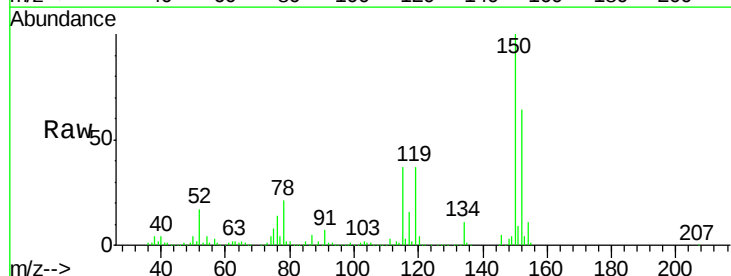


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

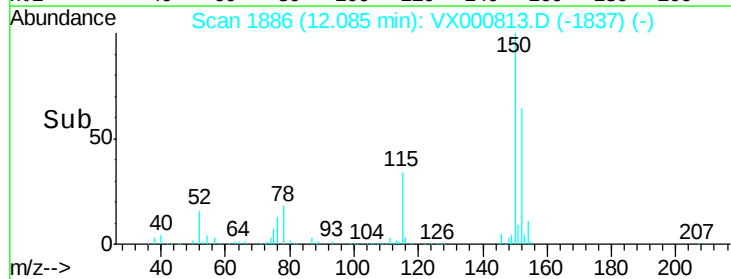
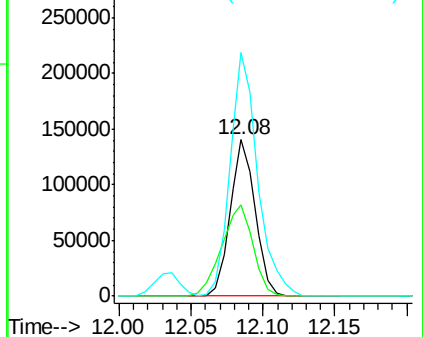


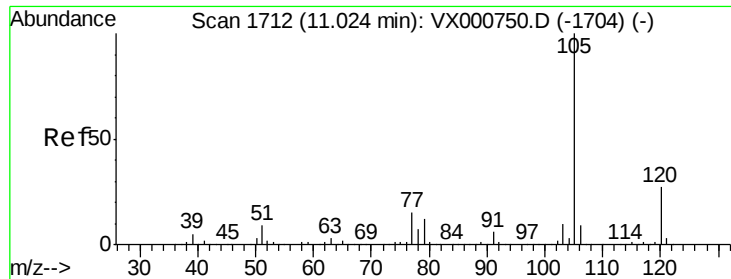
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion:152 Resp: 171356
Ion Ratio Lower Upper
152 100
115 72.5 37.9 113.7
150 171.2 0.0 348.0



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





#73

Isopropylbenzene

Concen: 44.96 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

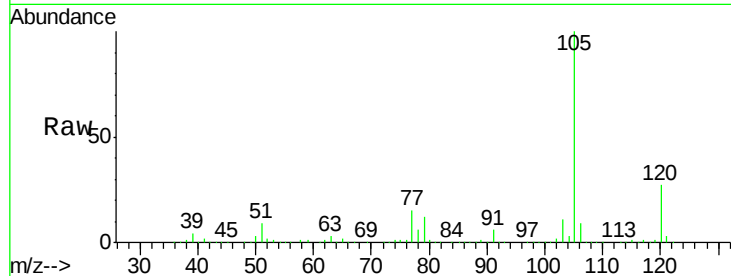
MW-101MS

Tgt Ion:105 Resp: 488774

Ion Ratio Lower Upper

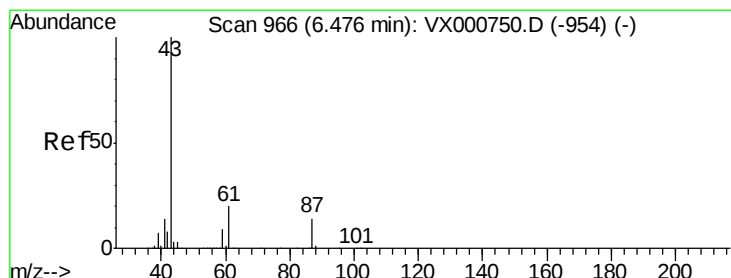
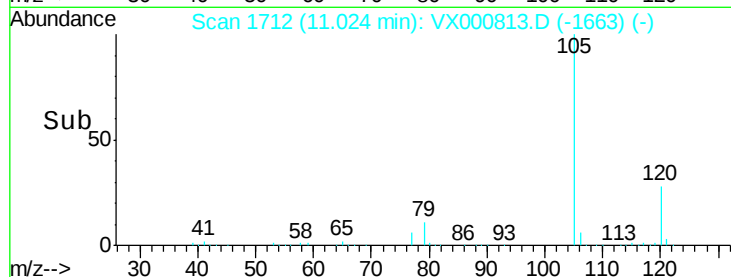
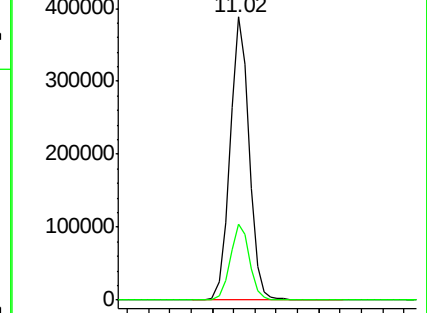
105 100

120 27.0 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.23 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Tgt Ion: 43 Resp: 241005

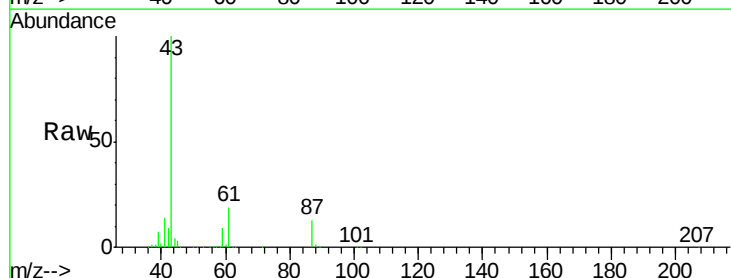
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.4 15.6 23.4

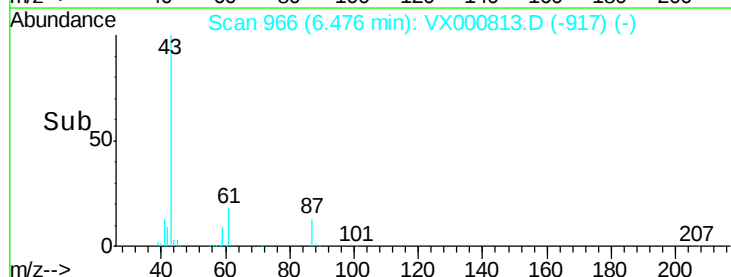
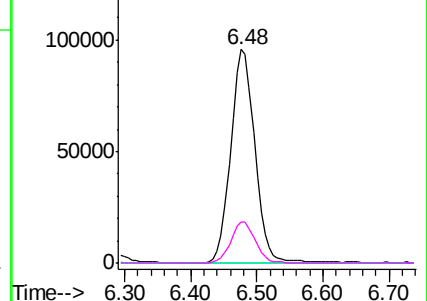


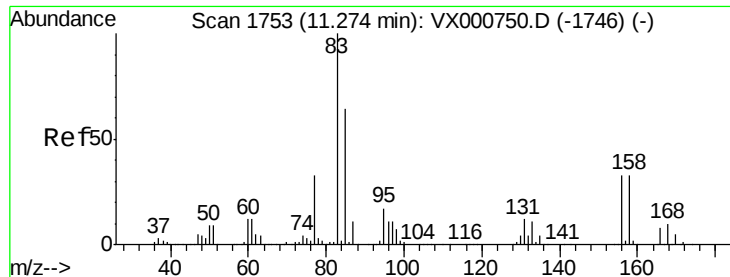
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.81 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

MW-101MS

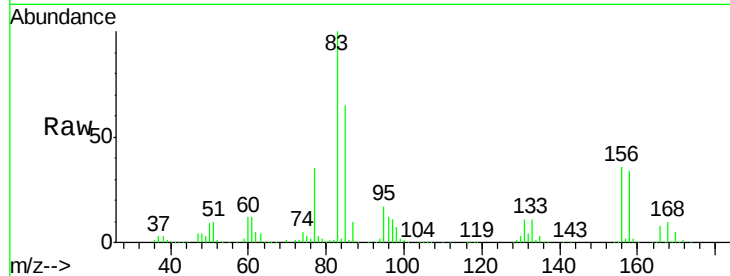
Tgt Ion: 83 Resp: 153982

Ion Ratio Lower Upper

83 100

131 11.7 6.0 18.0

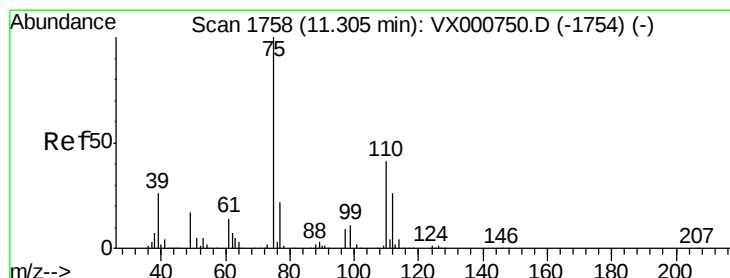
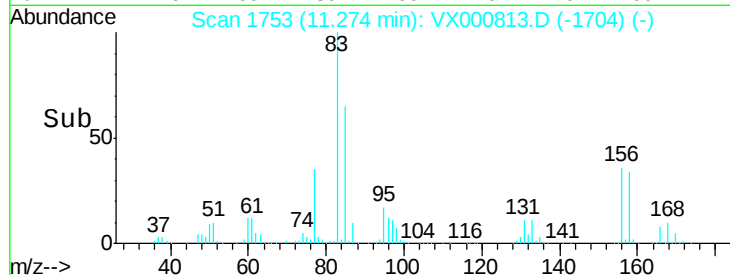
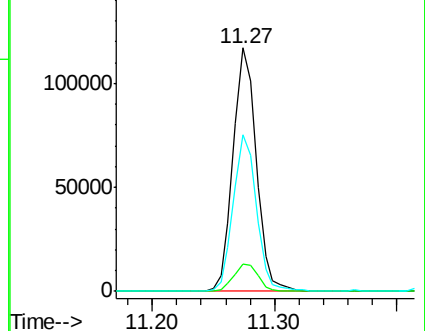
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.00 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000813.D

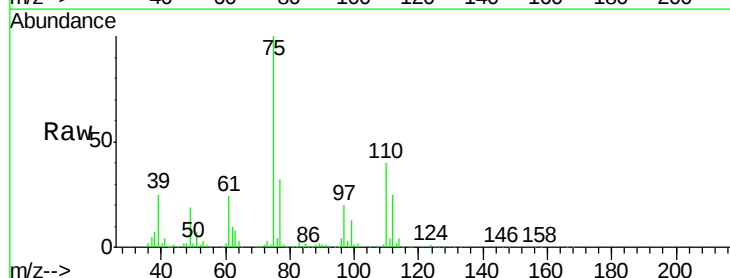
Acq: 12 Apr 2018 19:56

Tgt Ion: 75 Resp: 186184

Ion Ratio Lower Upper

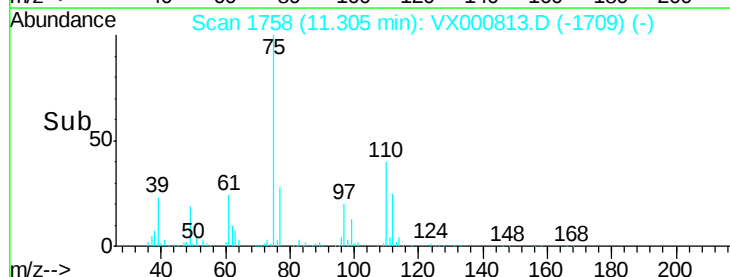
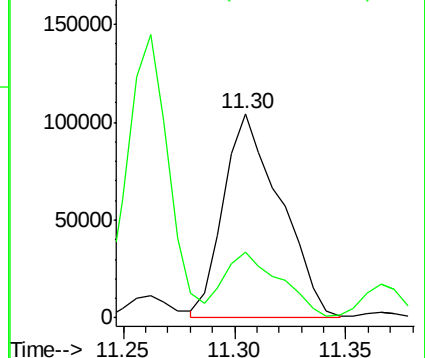
75 100

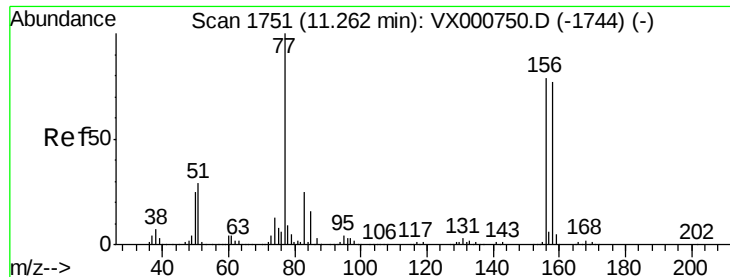
77 31.9 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.89 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

MW-101MS

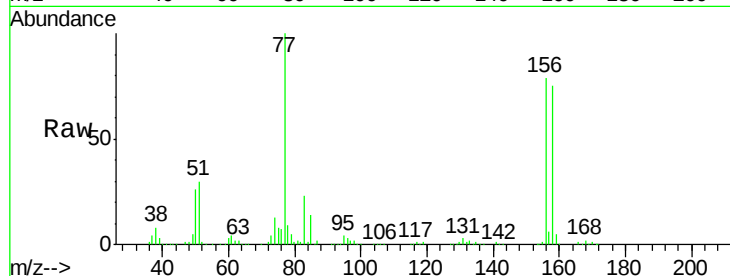
Tgt Ion:156 Resp: 143010

Ion Ratio Lower Upper

156 100

77 130.6 66.0 198.2

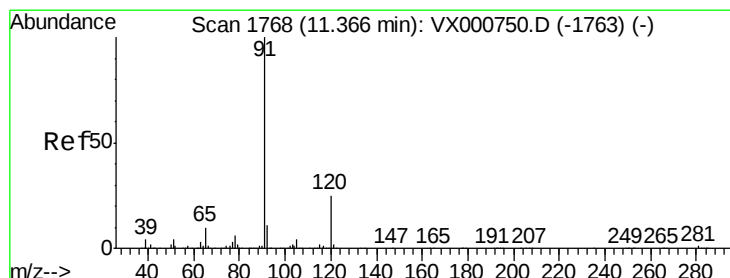
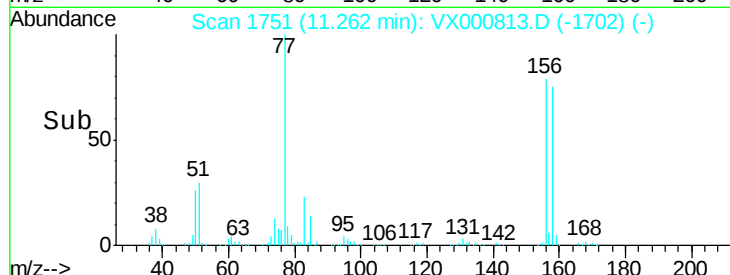
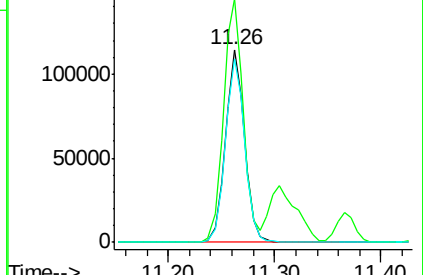
158 97.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.80 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000813.D

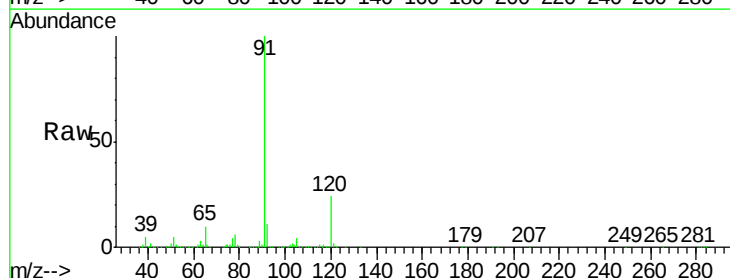
Acq: 12 Apr 2018 19:56

Tgt Ion: 91 Resp: 544647

Ion Ratio Lower Upper

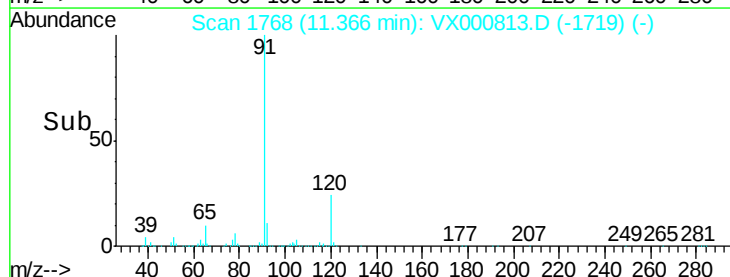
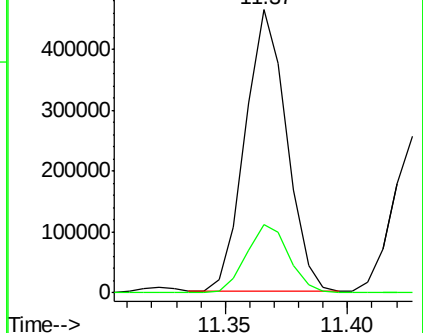
91 100

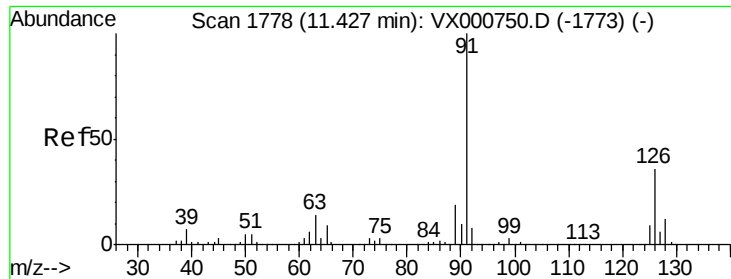
120 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

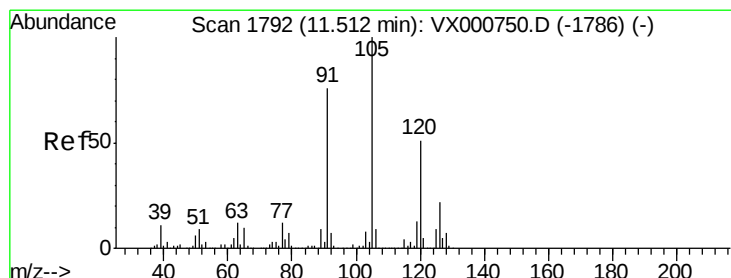
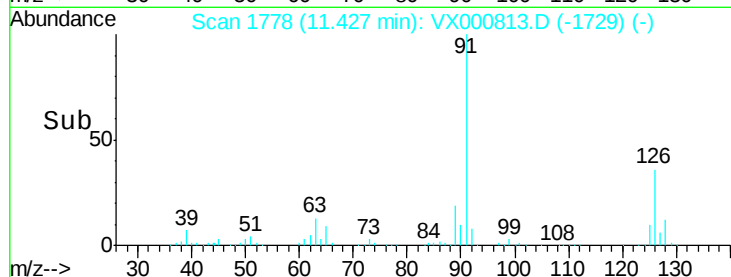
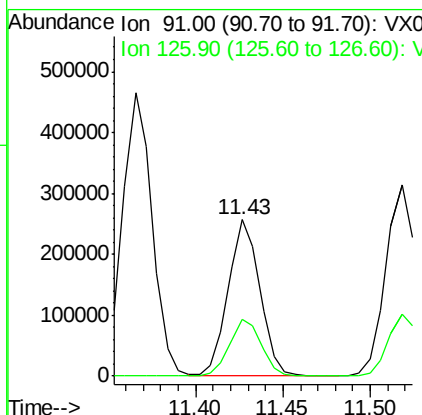
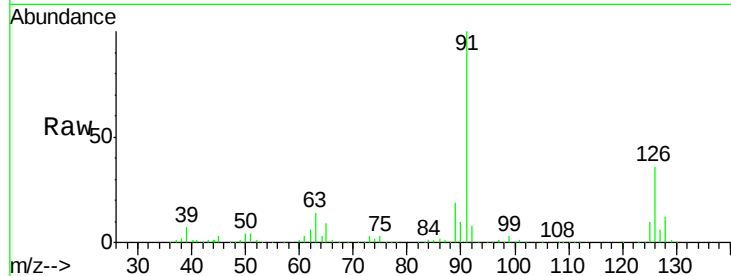




#79
 2-Chlorotoluene
 Concen: 43.88 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

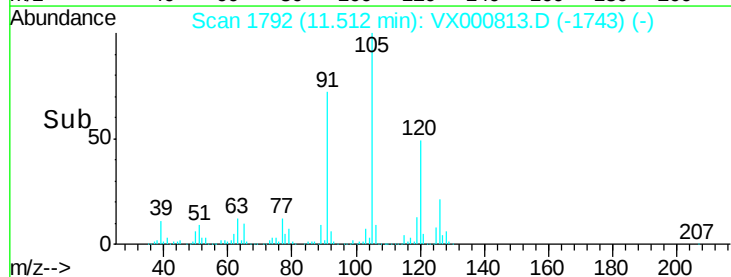
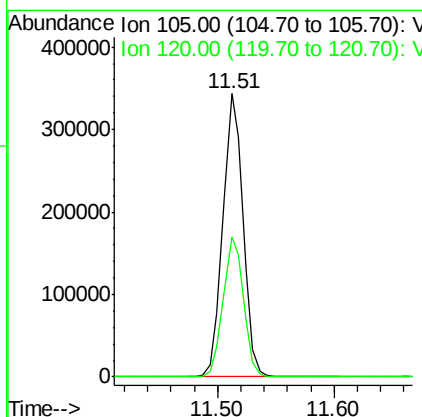
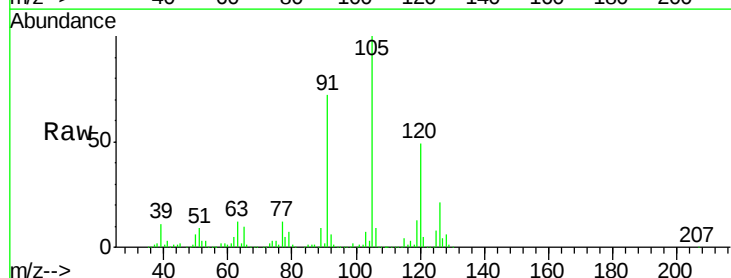
Instrument :
 MSVOA_X
 ClientSampled :
 MW-101MS

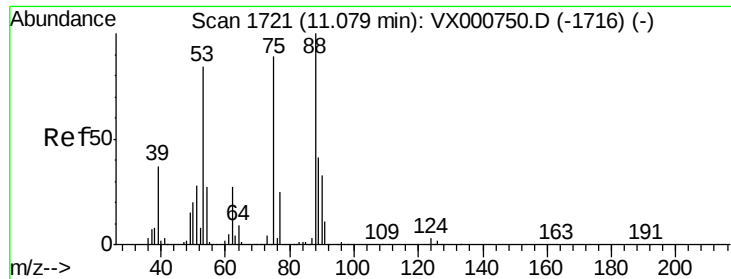
Tgt Ion: 91 Resp: 322438
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 43.90 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion: 105 Resp: 410432
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.47 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

MW-101MS

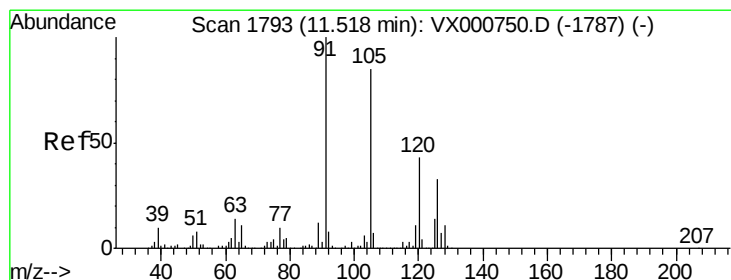
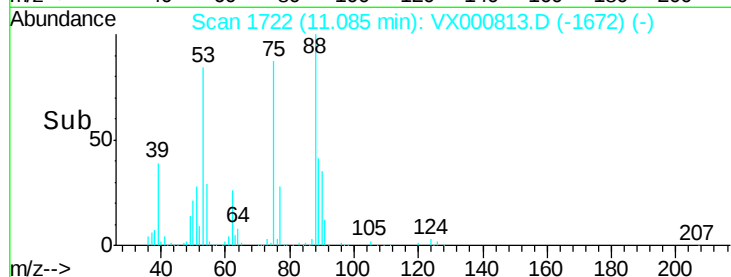
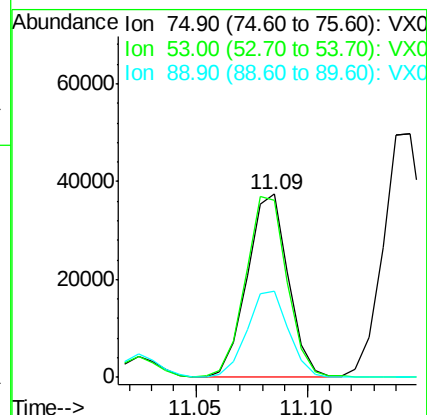
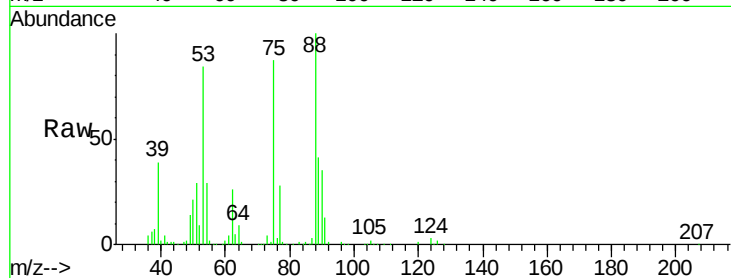
Tgt Ion: 75 Resp: 47773

Ion Ratio Lower Upper

75 100

53 100.7 75.4 113.0

89 47.8 40.9 61.3



#82

4-Chlorotoluene

Concen: 43.76 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000813.D

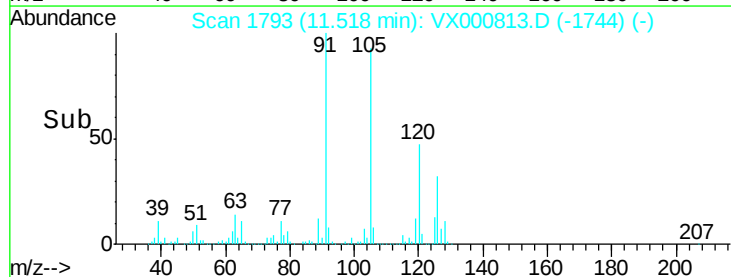
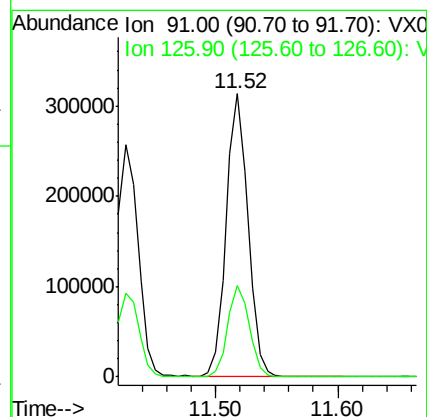
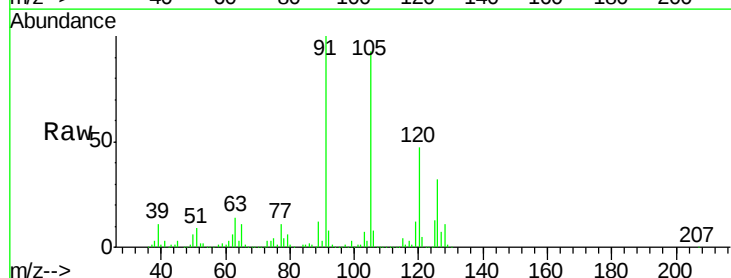
Acq: 12 Apr 2018 19:56

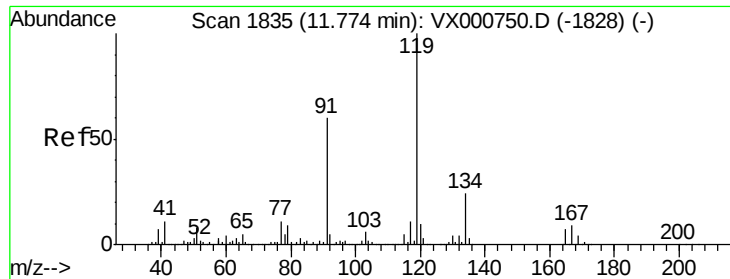
Tgt Ion: 91 Resp: 388180

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.6

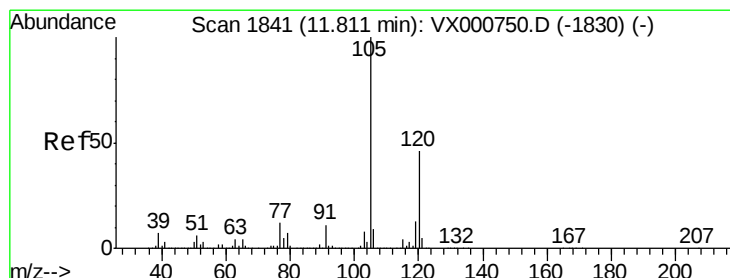
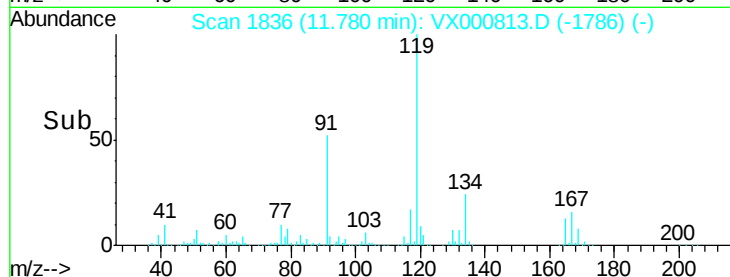
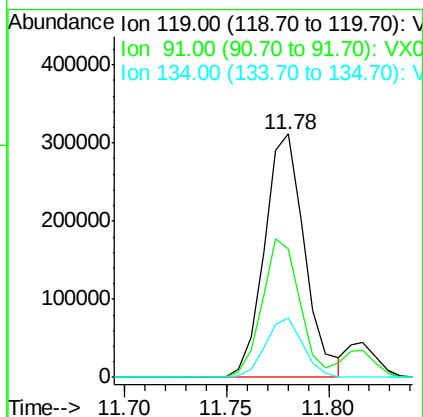
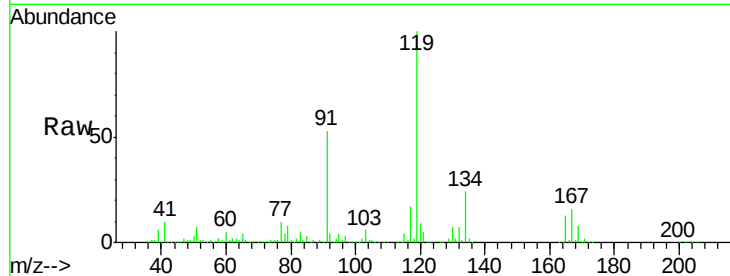




#83
 tert-Butylbenzene
 Concen: 44.80 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

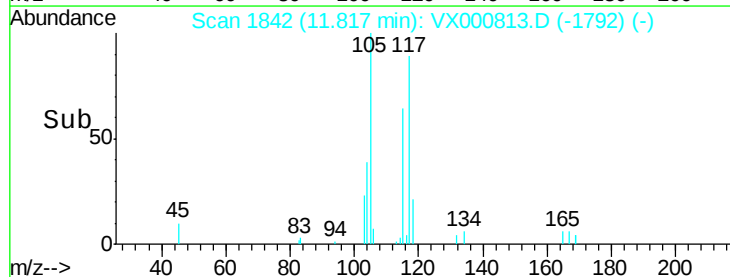
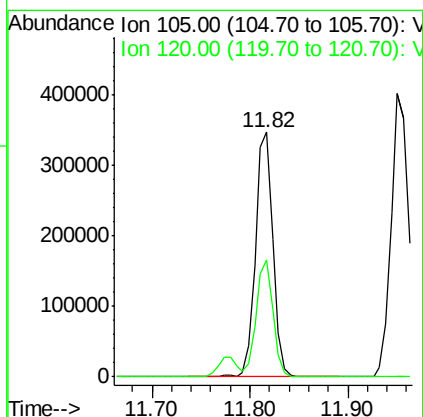
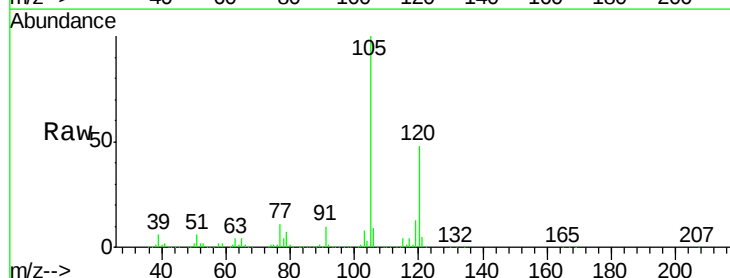
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

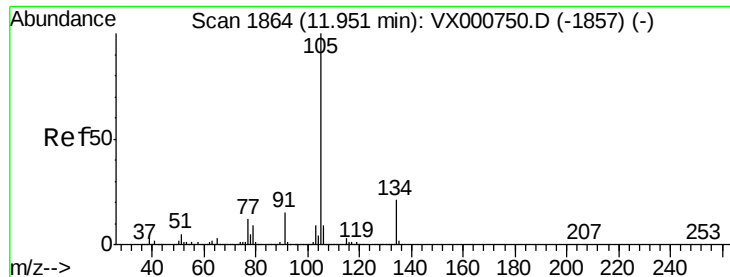
Tgt Ion:119 Resp: 428524
 Ion Ratio Lower Upper
 119 100
 91 53.1 26.8 80.3
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 43.97 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion:105 Resp: 424403
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.3

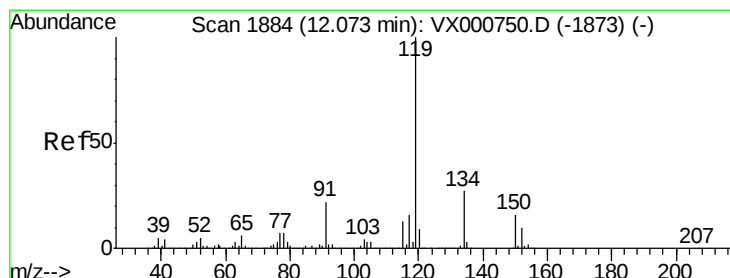
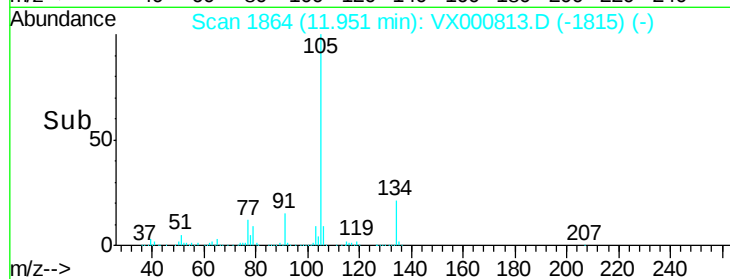
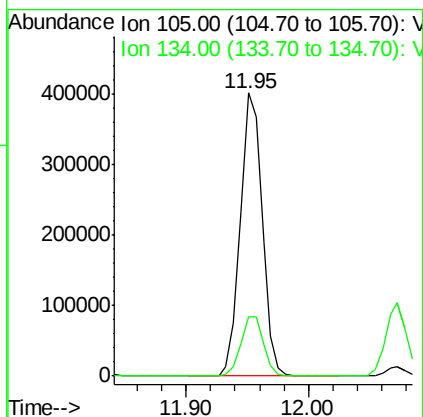
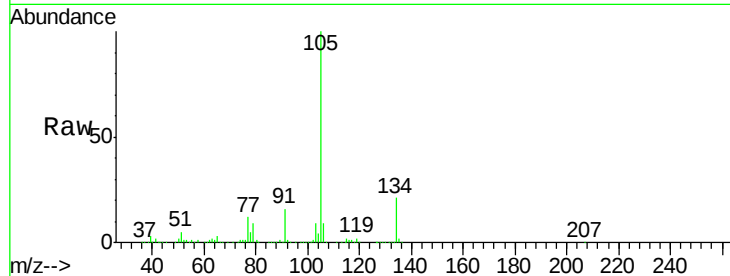




#85
 sec-Butylbenzene
 Concen: 43.87 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

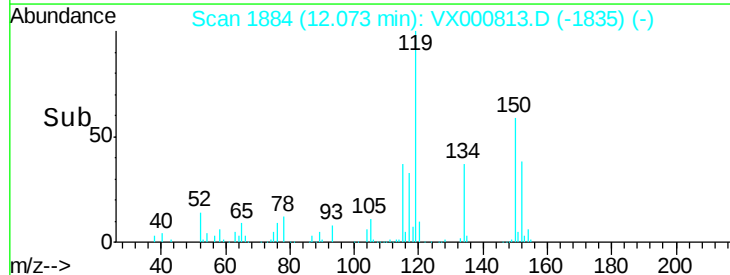
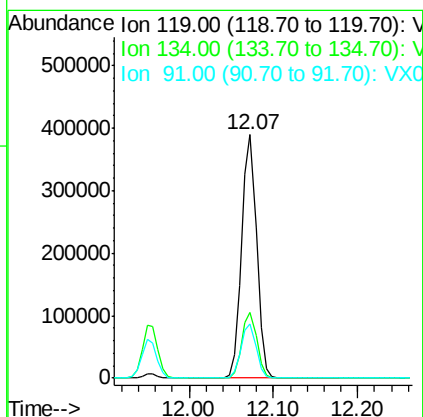
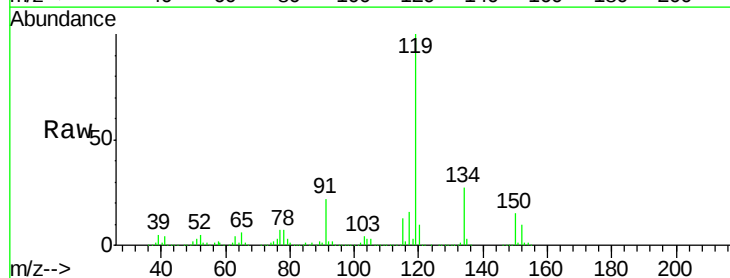
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

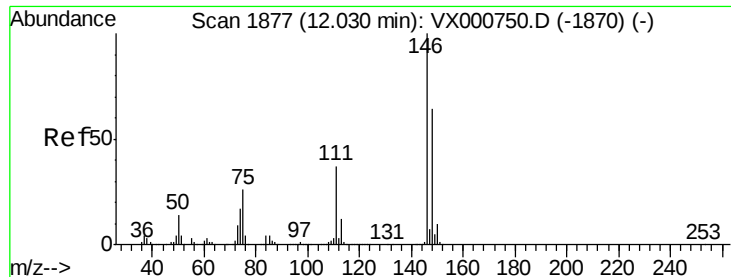
Tgt Ion:105 Resp: 495040
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 43.48 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion:119 Resp: 457490
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 22.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 43.81 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

MW-101MS

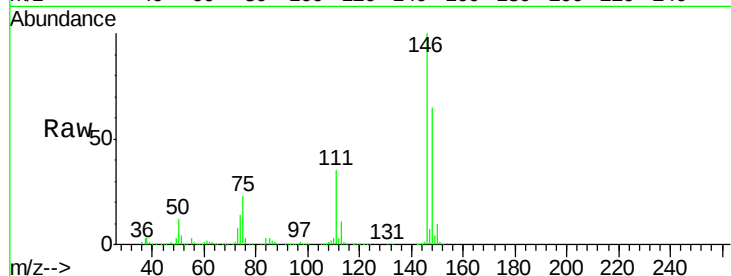
Tgt Ion:146 Resp: 258338

Ion Ratio Lower Upper

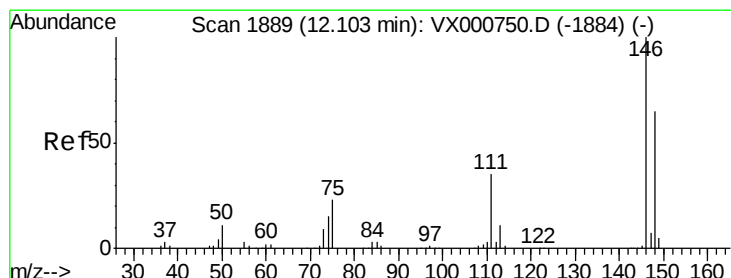
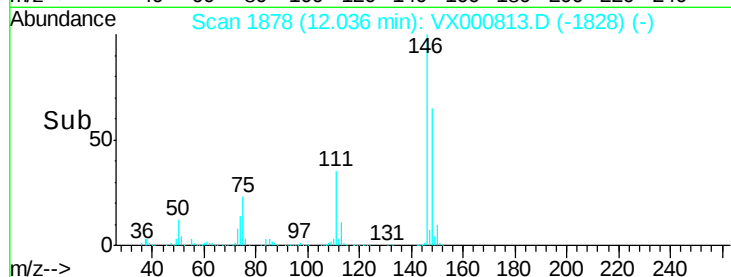
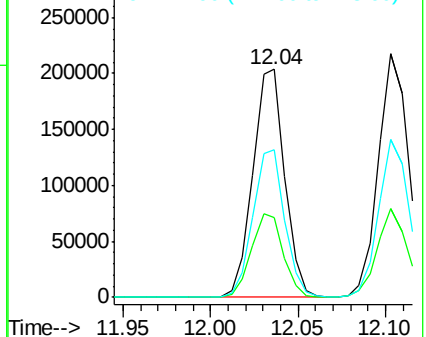
146 100

111 36.9 18.3 54.8

148 64.6 32.2 96.6



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: 43.46 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

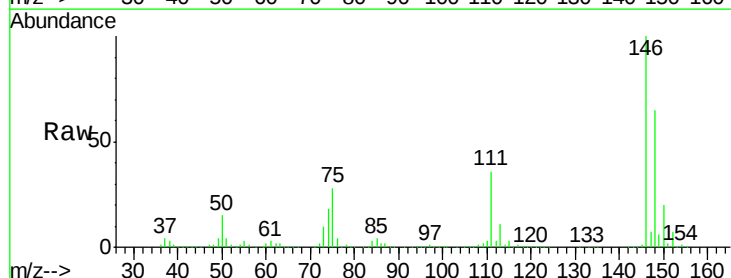
Tgt Ion:146 Resp: 262614

Ion Ratio Lower Upper

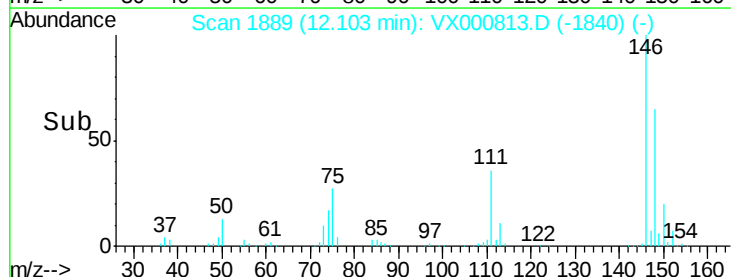
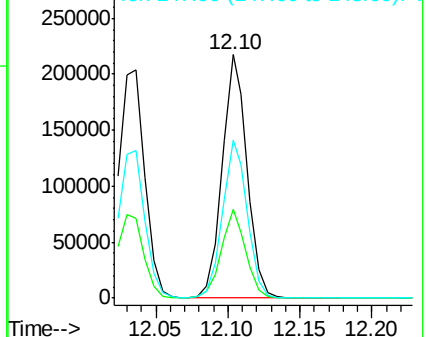
146 100

111 35.8 17.9 53.8

148 64.8 32.6 97.7



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

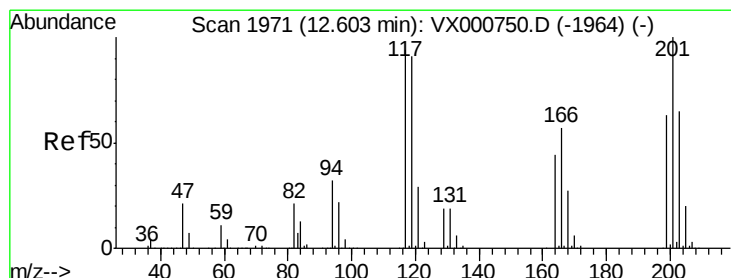
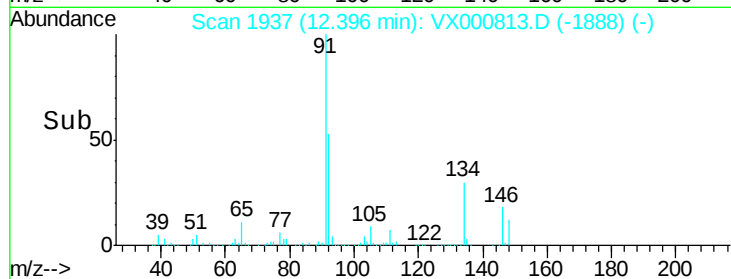
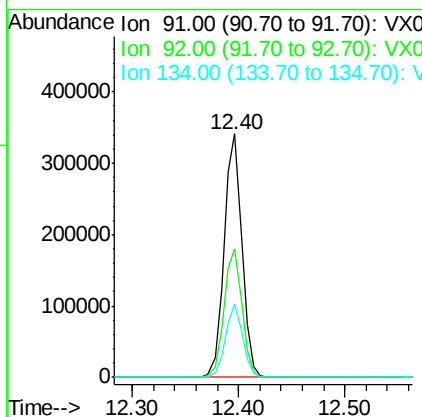
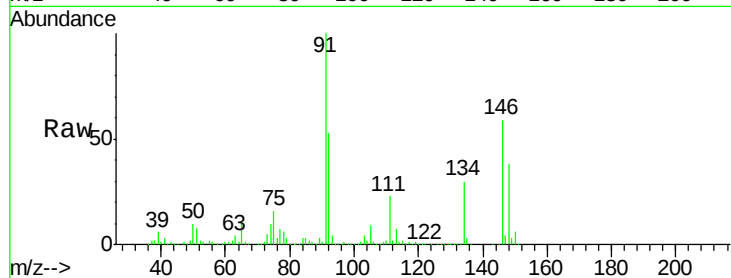




#89
n-Butylbenzene
Concen: 42.81 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

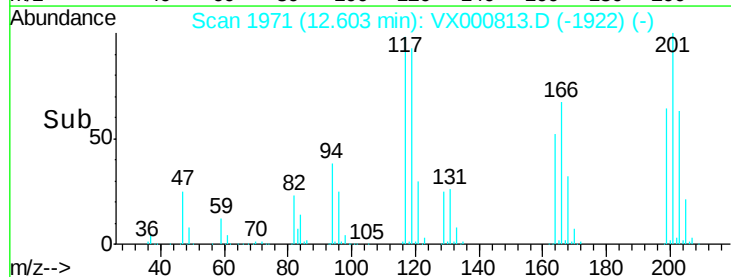
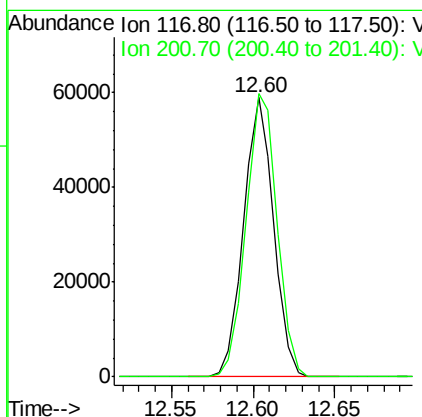
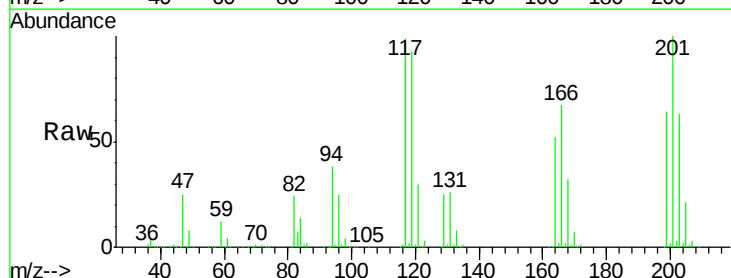
Instrument :
MSVOA_X
ClientSampleId :
MW-101MS

Tgt Ion: 91 Resp: 397550
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 29.1 14.5 43.5



#90
Hexachloroethane
Concen: 42.34 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000813.D
Acq: 12 Apr 2018 19:56

Tgt Ion: 117 Resp: 75390
Ion Ratio Lower Upper
117 100
201 105.0 52.9 158.7





#91

1,2-Dichlorobenzene

Concen: 45.10 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

MW-101MS

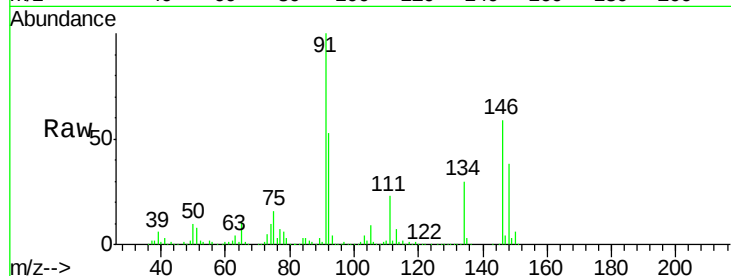
Tgt Ion:146 Resp: 256725

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

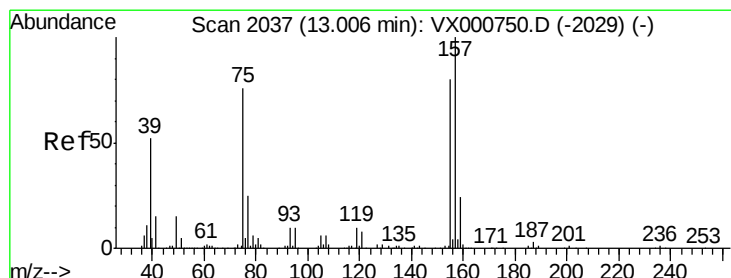
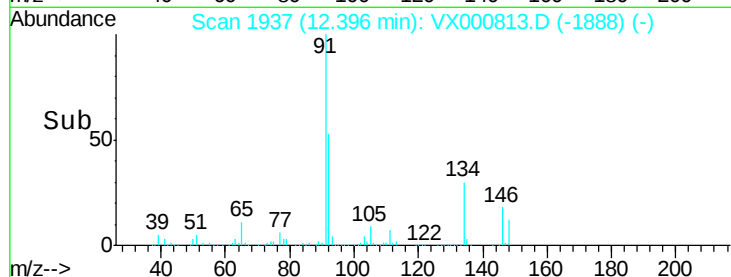
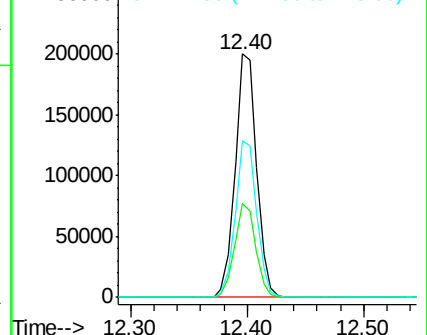
148 64.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.26 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

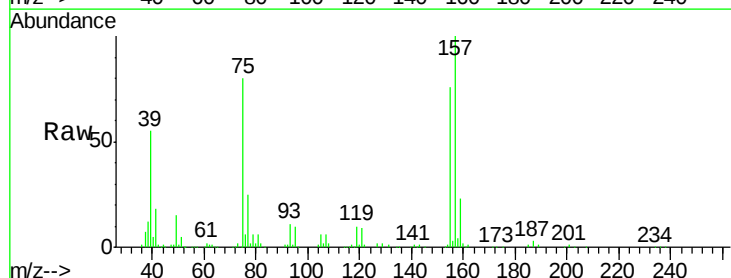
Tgt Ion: 75 Resp: 39729

Ion Ratio Lower Upper

75 100

155 101.3 51.9 155.8

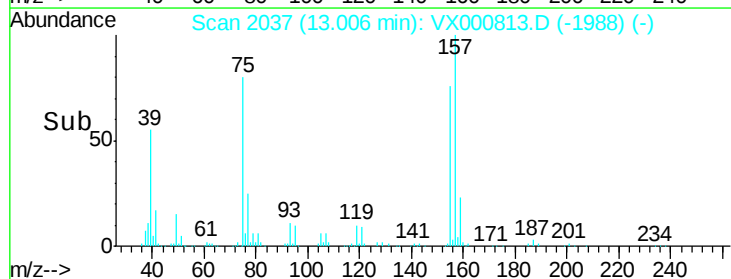
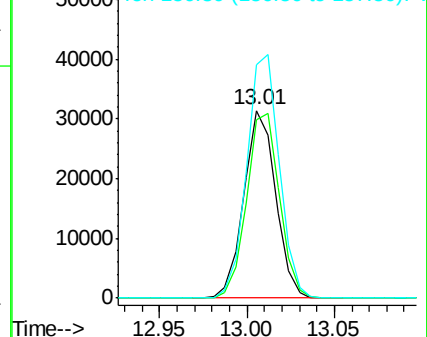
157 132.6 66.6 199.8

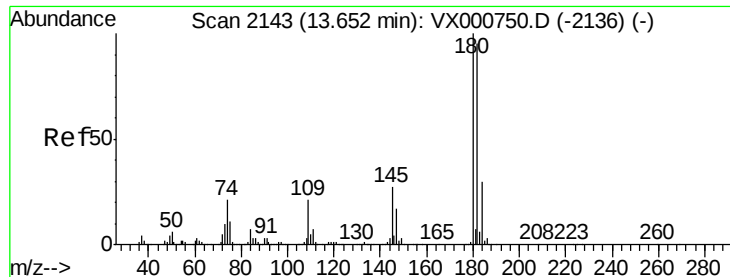


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

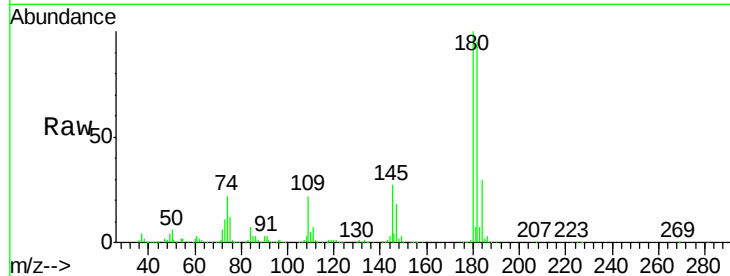




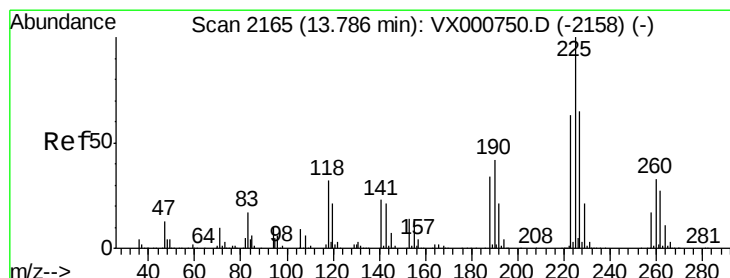
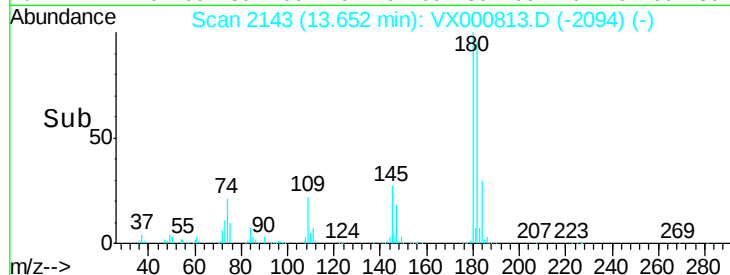
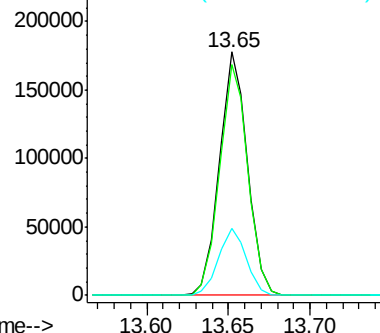
#93
 1,2,4-Trichlorobenzene
 Concen: 43.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MS

Tgt Ion:180 Resp: 211902
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.5 142.5
 145 27.3 13.8 41.4

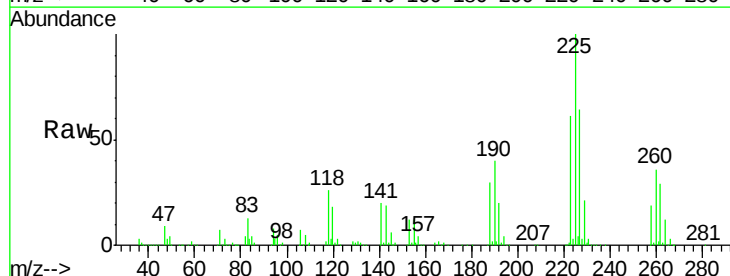


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

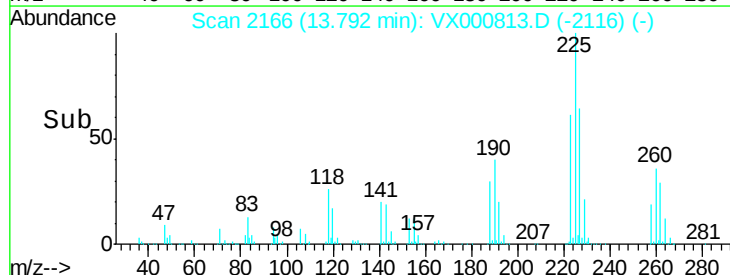
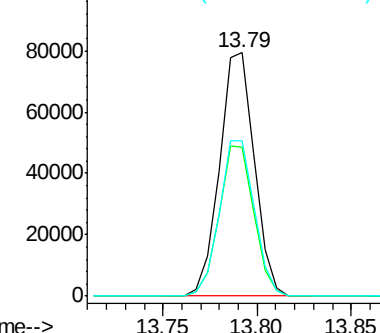


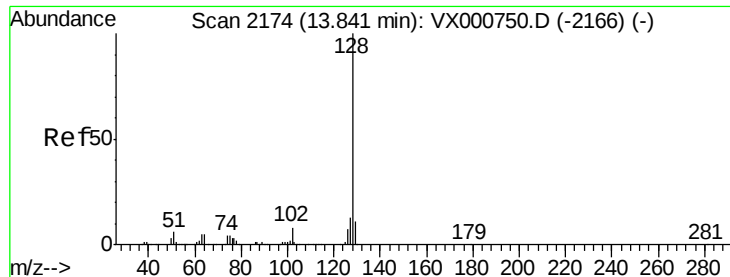
#94
 Hexachlorobutadiene
 Concen: 42.49 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000813.D
 Acq: 12 Apr 2018 19:56

Tgt Ion:225 Resp: 101496
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.2 93.6
 227 64.2 32.3 96.9



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





#95

Naphthalene

Concen: 48.82 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

MW-101MS

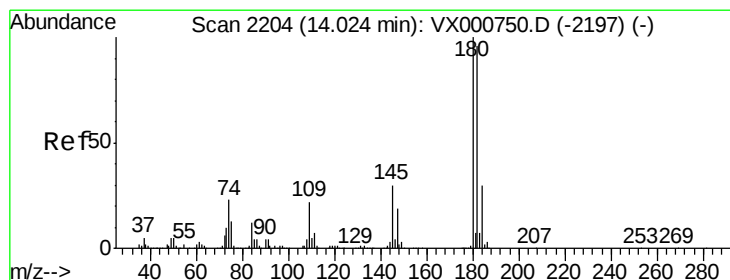
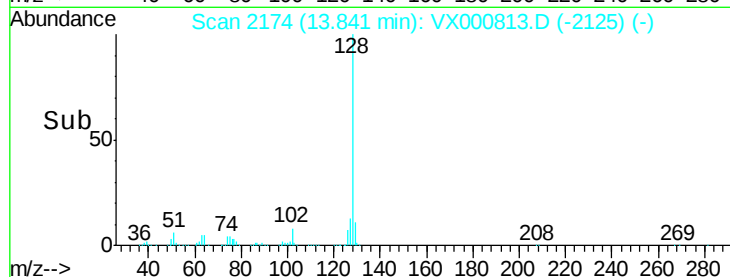
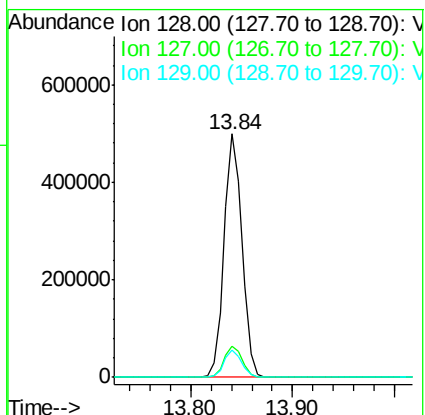
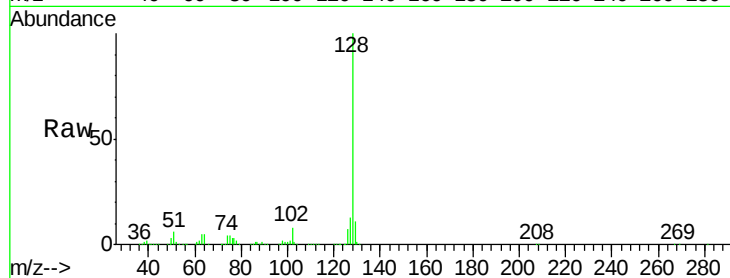
Tgt Ion:128 Resp: 608723

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.22 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000813.D

Acq: 12 Apr 2018 19:56

Tgt Ion:180 Resp: 208636

Ion Ratio Lower Upper

180 100

182 96.2 48.4 145.2

145 29.4 14.6 43.8

