

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000814.D
 Acq On : 12 Apr 2018 20:22
 Operator : JC/MD
 Sample : J2236-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Quant Time: Apr 13 06:57:25 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	228066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202634	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	142375	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.51	113	121088	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.73	98	440154	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.15	95	179564	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	126789	49.25	ug/l	99
3) Chloromethane	1.32	50	103435	46.86	ug/l	100
4) Vinyl Chloride	1.40	62	126452	50.93	ug/l	94
5) Bromomethane	1.64	94	57105	55.73	ug/l	96
6) Chloroethane	1.73	64	74640	49.60	ug/l	99
7) Trichlorofluoromethane	1.93	101	184244	49.18	ug/l	100
8) Diethyl Ether	2.20	74	72272	51.65	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	108125	48.95	ug/l	99
10) Methyl Iodide	2.51	142	58785	36.80	ug/l	99
11) Tert butyl alcohol	3.08	59	170618	334.18	ug/l	99
12) 1,1-Dichloroethene	2.38	96	103883	49.63	ug/l	97
13) Acrolein	2.30	56	48276	194.71	ug/l	96
14) Allyl chloride	2.73	41	196523	50.77	ug/l	97
15) Acrylonitrile	3.16	53	335033	307.79	ug/l	99
16) Acetone	2.45	43	285401	287.80	ug/l	100
17) Carbon Disulfide	2.57	76	295131	46.56	ug/l	100
18) Methyl Acetate	2.79	43	160760	62.64	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	370458	53.13	ug/l	100
20) Methylene Chloride	2.86	84	115316	50.00	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	113298	49.08	ug/l	99
22) Diisopropyl ether	3.89	45	381769	53.67	ug/l	97
23) Vinyl Acetate	3.84	43	1724085	276.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	208984	52.36	ug/l	99
25) 2-Butanone	4.72	43	512483	312.95	ug/l	100
26) 2,2-Dichloropropane	4.59	77	180997	45.69	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	136071	51.94	ug/l	98
28) Bromochloromethane	5.03	49	82223	51.16	ug/l	99
29) Tetrahydrofuran	5.18	42	325277	312.83	ug/l	99
30) Chloroform	5.23	83	222710	52.70	ug/l	96
31) Cyclohexane	5.59	56	184182	48.59	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	205066	50.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	164110	47.16	ug/l	100
37) Ethyl Acetate	4.88	43	191213	56.29	ug/l	100
38) Carbon Tetrachloride	5.79	117	186387	47.85	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000814.D
 Acq On : 12 Apr 2018 20:22
 Operator : JC/MD
 Sample : J2236-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

Quant Time: Apr 13 06:57:25 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	190030	45.47	ug/l	100
40) Benzene	6.15	78	481596	49.81	ug/l	99
41) Methacrylonitrile	5.07	41	109986	56.04	ug/l	99
42) 1,2-Dichloroethane	6.21	62	181342	50.22	ug/l	100
43) Isopropyl Acetate	6.48	43	316654	54.37	ug/l	100
44) Trichloroethene	7.22	130	145893	48.52	ug/l	99
45) 1,2-Dichloropropane	7.52	63	125530	50.98	ug/l	96
46) Dibromomethane	7.67	93	87749	51.12	ug/l	99
47) Bromodichloromethane	7.91	83	173880	50.19	ug/l	99
48) Methyl methacrylate	7.79	41	163349	54.11	ug/l	99
49) 1,4-Dioxane	7.77	88	70218	1157.38	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1040047	304.00	ug/l	98
52) Toluene	8.79	92	318214	49.61	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	204730	49.27	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	199003	49.18	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	130804	51.37	ug/l	99
56) Ethyl methacrylate	9.19	69	209160	53.24	ug/l	98
57) 1,3-Dichloropropane	9.38	76	212694	52.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	1313	0.72	ug/l #	44
59) 2-Hexanone	9.51	43	813387	307.96	ug/l	99
60) Dibromochloromethane	9.59	129	152205	49.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	141362	52.33	ug/l	99
64) Tetrachloroethene	9.34	164	136816	46.90	ug/l	99
65) Chlorobenzene	10.15	112	373637	49.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142842	50.57	ug/l	98
67) Ethyl Benzene	10.26	91	616158	49.24	ug/l	100
68) m/p-Xylenes	10.37	106	484952	98.19	ug/l	99
69) o-Xylene	10.71	106	237753	49.95	ug/l	100
70) Styrene	10.72	104	399165	49.74	ug/l	99
71) Bromoform	10.87	173	133685	51.11	ug/l	100
73) Isopropylbenzene	11.02	105	632763	49.22	ug/l	100
74) N-amyl acetate	6.48	43	316654	54.70	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	203669	54.59	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	243639	69.72	ug/l	86
77) Bromobenzene	11.26	156	186164	49.42	ug/l	99
78) n-propylbenzene	11.37	91	709555	48.26	ug/l	100
79) 2-Chlorotoluene	11.43	91	423054	48.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	539937	48.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64469	50.75	ug/l	97
82) 4-Chlorotoluene	11.52	91	507184	48.35	ug/l	100
83) tert-Butylbenzene	11.78	119	562815	49.76	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	552484	48.41	ug/l	100
85) sec-Butylbenzene	11.95	105	646048	48.42	ug/l	100
86) p-Isopropyltoluene	12.07	119	596750	47.96	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	341249	48.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	346368	48.47	ug/l	99
89) n-Butylbenzene	12.40	91	516848	47.06	ug/l	100
90) Hexachloroethane	12.60	117	99573	47.29	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	336832	50.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52647	56.32	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000814.D
Acq On : 12 Apr 2018 20:22
Operator : JC/MD
Sample : J2236-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Quant Time: Apr 13 06:57:25 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

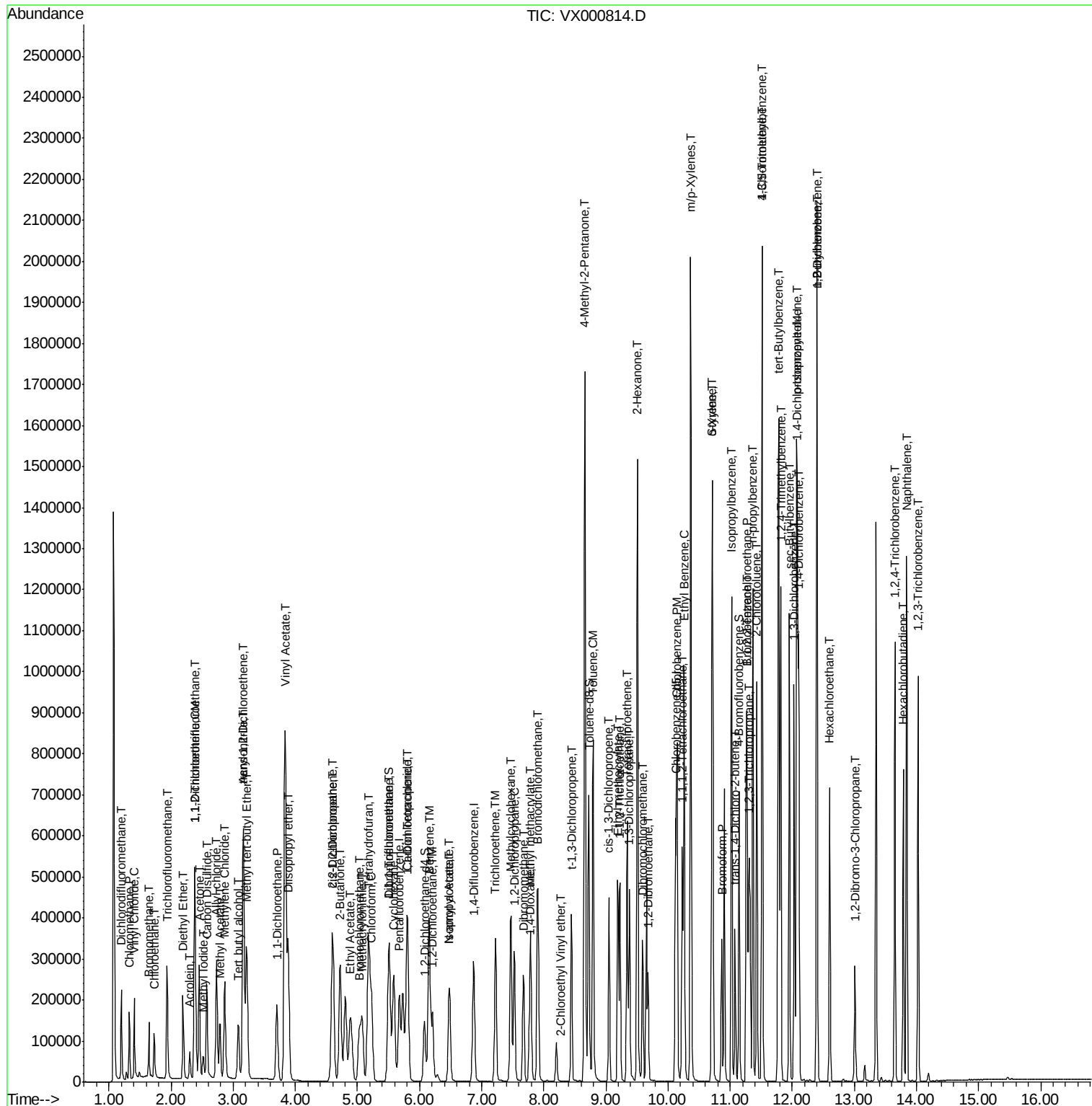
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	276648	48.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	130726	46.28	ug/l	100
95) Naphthalene	13.84	128	800644	54.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	273603	49.04	ug/l	100

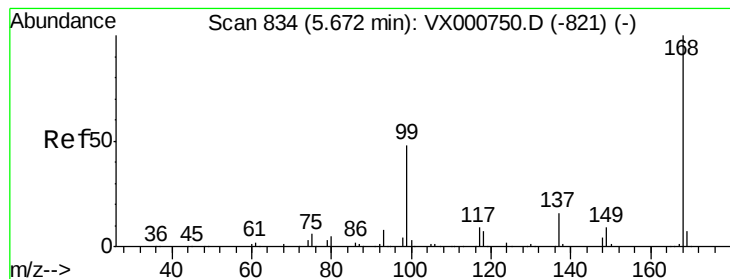
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000814.D
Acq On : 12 Apr 2018 20:22
Operator : JC/MD
Sample : J2236-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample ID :
MW-101MSD

Quant Time: Apr 13 06:57:25 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

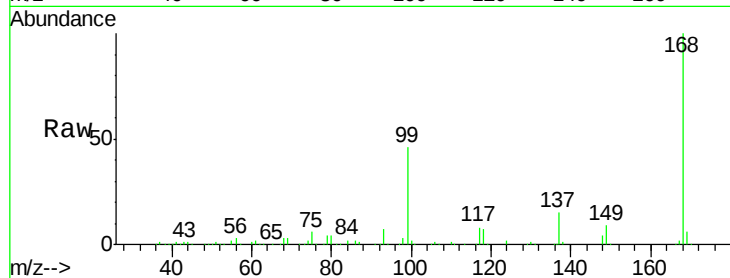
MW-101MSD

Tgt Ion:168 Resp: 228066

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

80000

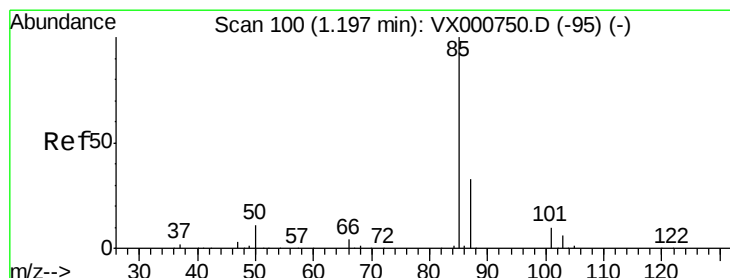
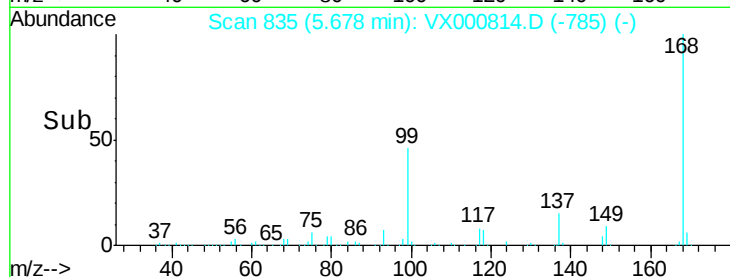
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000814.D

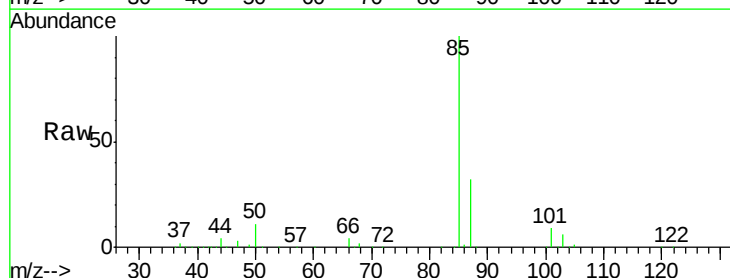
Acq: 12 Apr 2018 20:22

Tgt Ion: 85 Resp: 126789

Ion Ratio Lower Upper

85 100

87 31.7 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

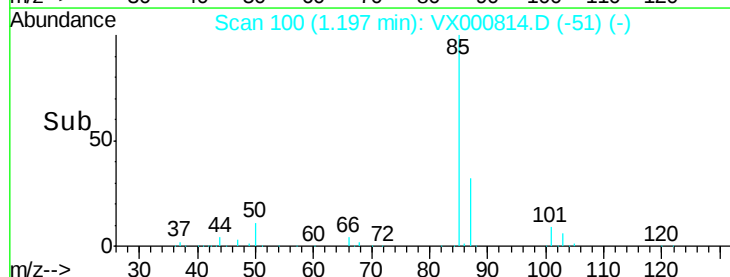
150000

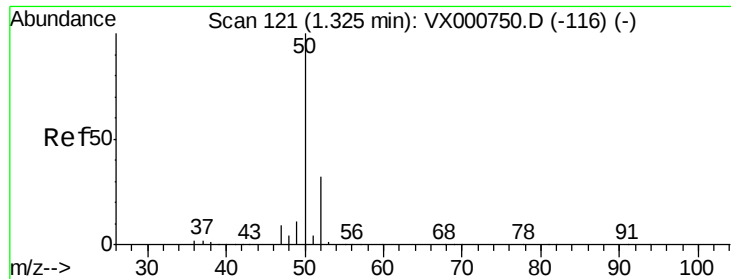
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

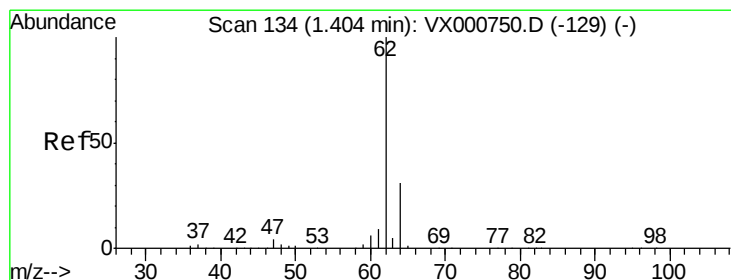
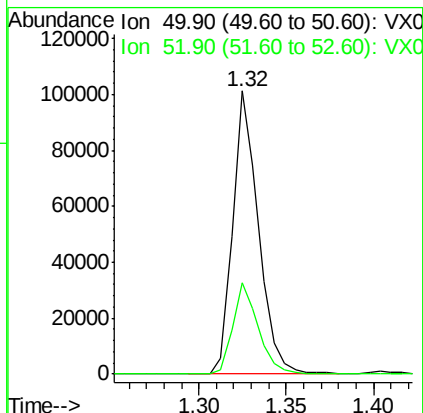
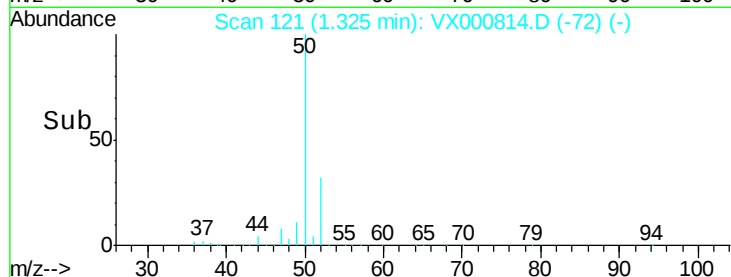
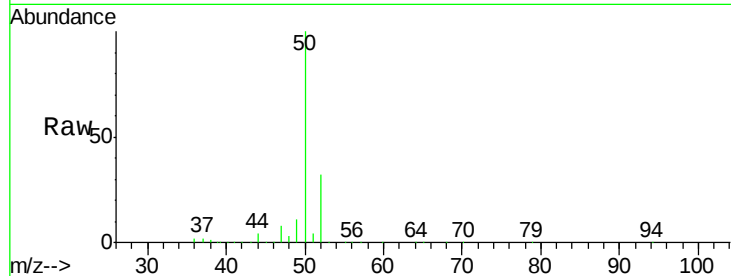
MW-101MSD

Tgt Ion: 50 Resp: 103435

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.8



#4

Vinyl Chloride

Concen: 50.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000814.D

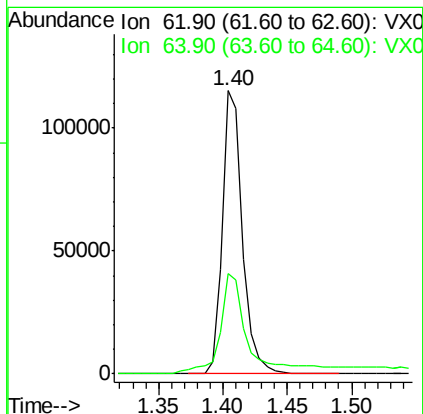
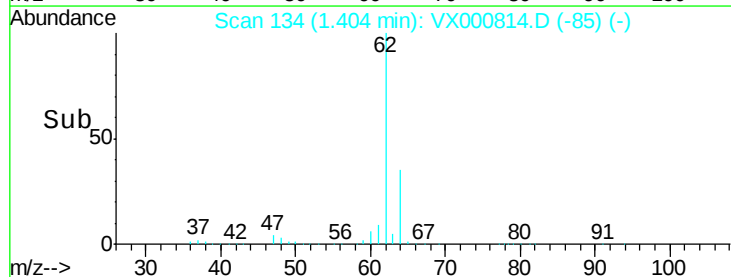
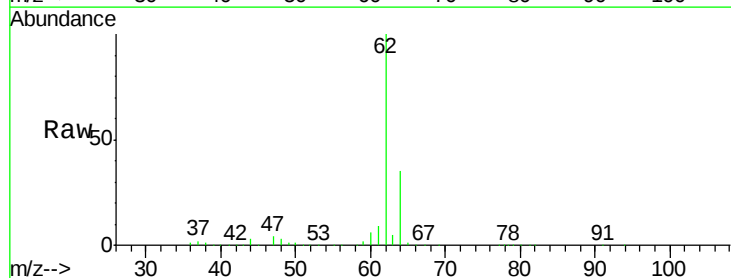
Acq: 12 Apr 2018 20:22

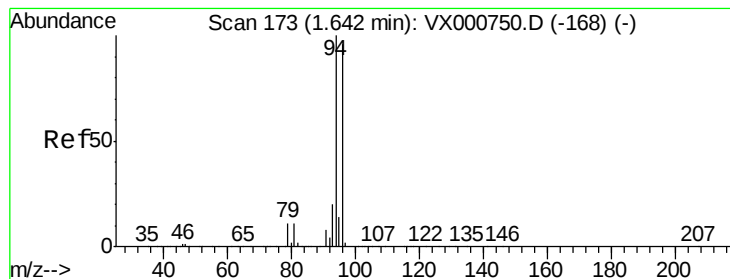
Tgt Ion: 62 Resp: 126452

Ion Ratio Lower Upper

62 100

64 33.7 24.6 36.8





#5

Bromomethane

Concen: 55.73 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

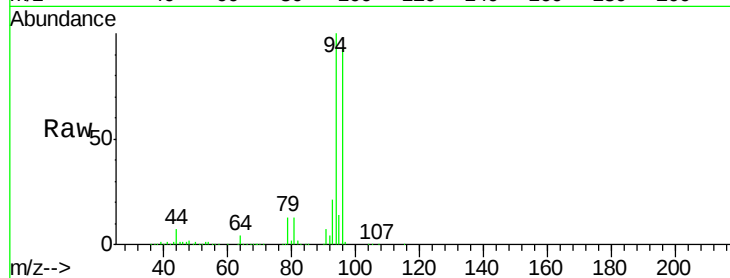
MW-101MSD

Tgt Ion: 94 Resp: 57105

Ion Ratio Lower Upper

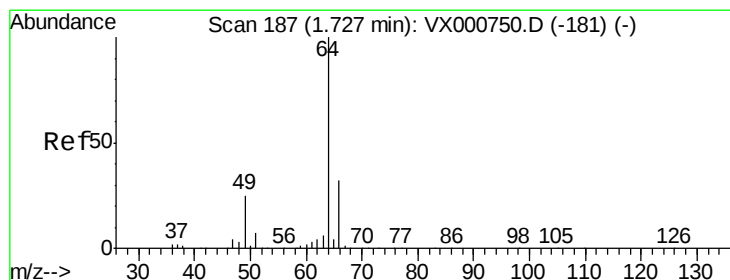
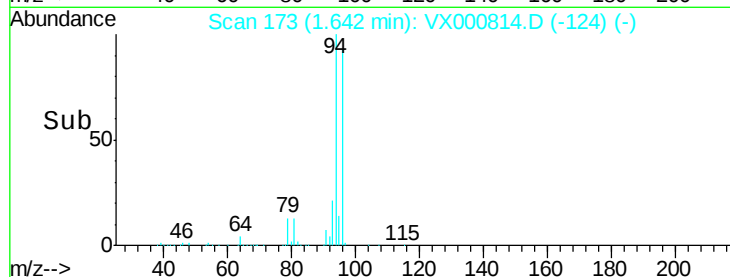
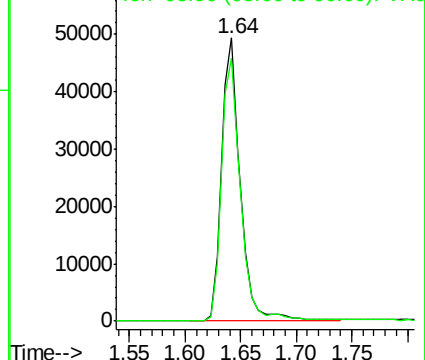
94 100

96 92.7 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: 49.60 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000814.D

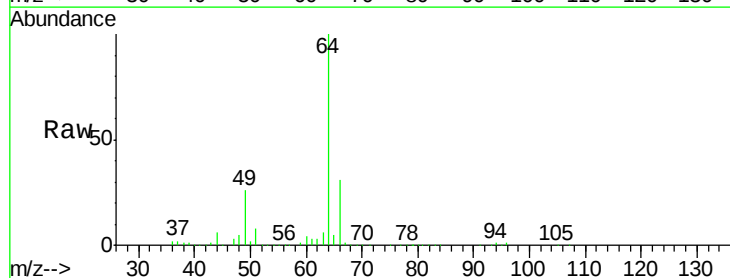
Acq: 12 Apr 2018 20:22

Tgt Ion: 64 Resp: 74640

Ion Ratio Lower Upper

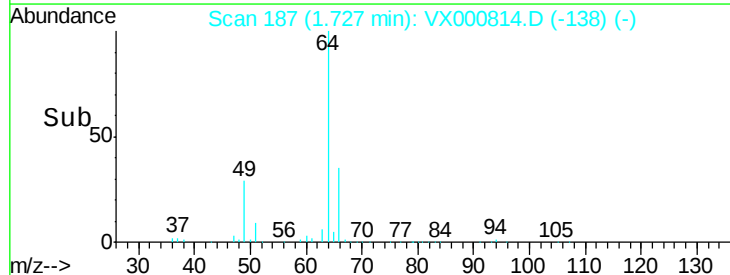
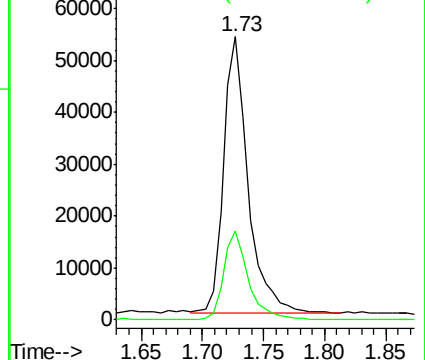
64 100

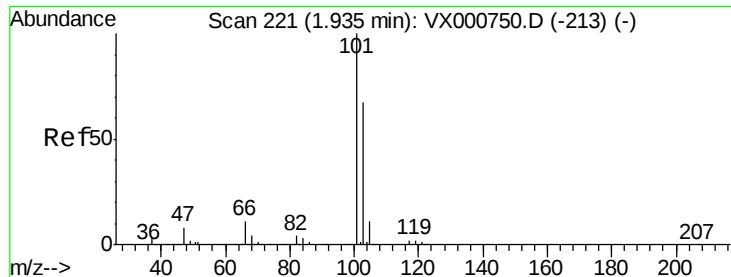
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



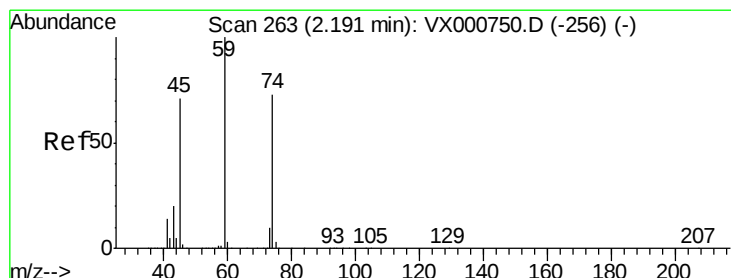
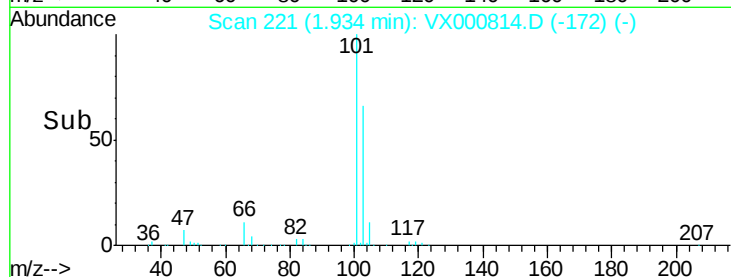
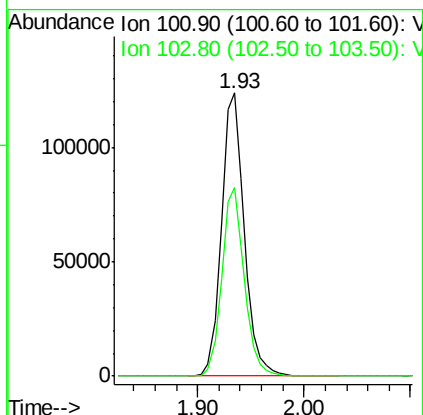
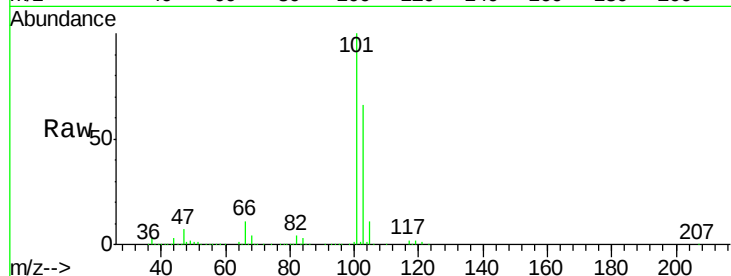


#7

Trichlorofluoromethane
 Concen: 49.18 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

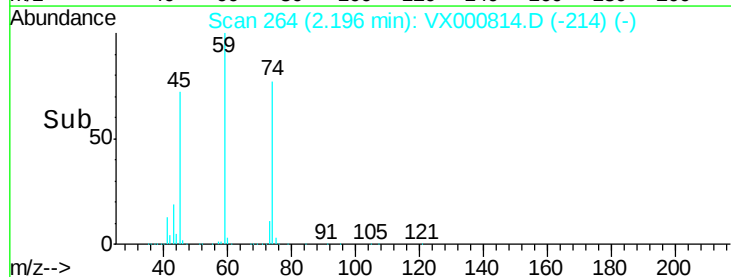
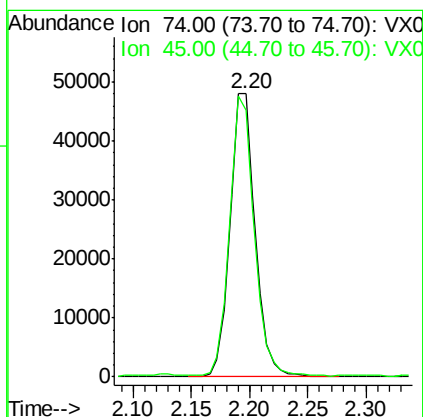
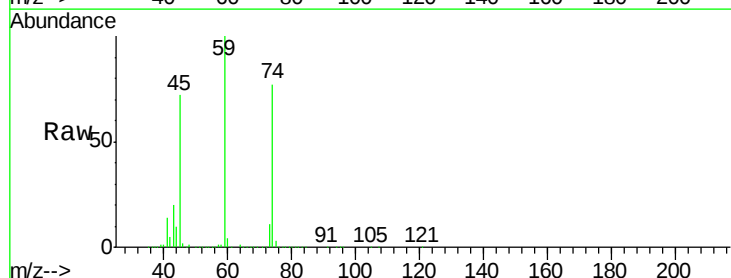
Tgt Ion:101 Resp: 184244
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.2 79.8

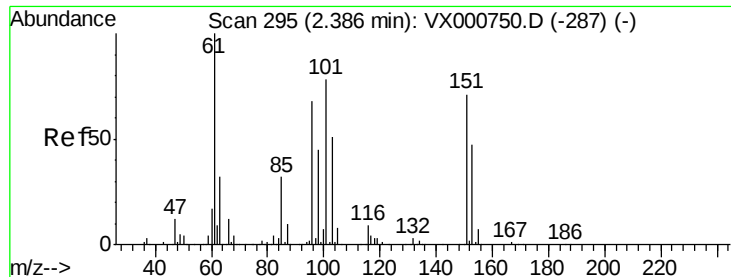


#8

Diethyl Ether
 Concen: 51.65 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion: 74 Resp: 72272
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

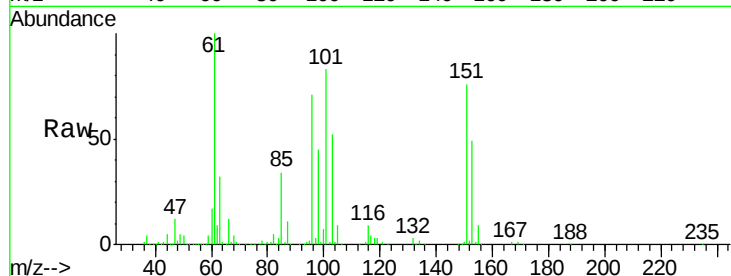
Tgt Ion:101 Resp: 108125

Ion Ratio Lower Upper

101 100

85 41.6 34.0 51.0

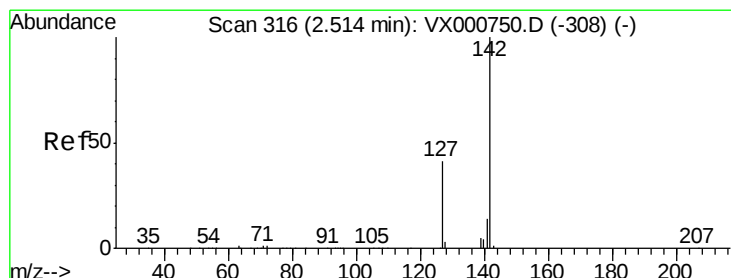
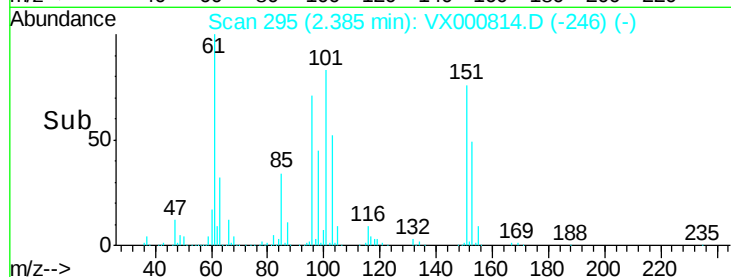
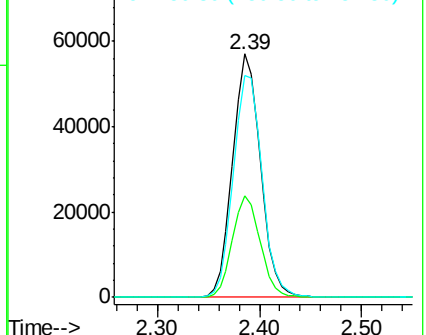
151 94.0 75.8 113.8



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: 36.80 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

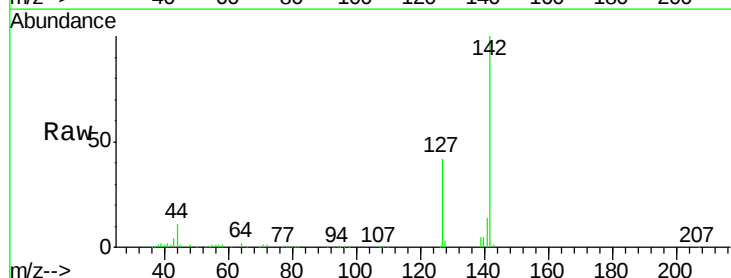
Tgt Ion:142 Resp: 58785

Ion Ratio Lower Upper

142 100

127 40.5 32.6 49.0

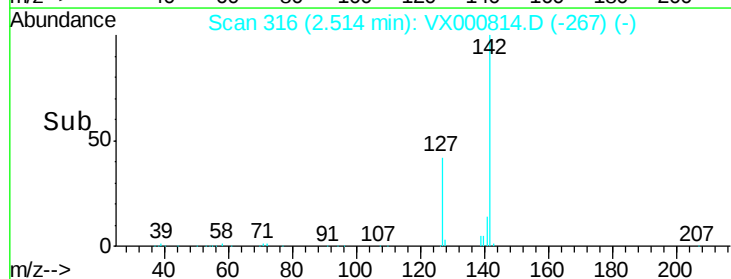
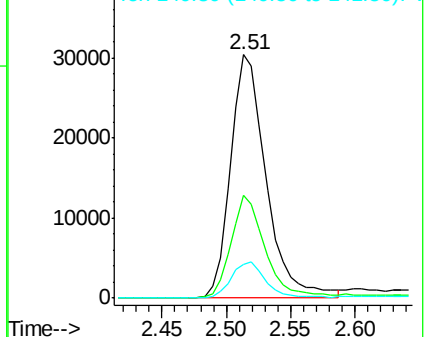
141 14.6 11.5 17.3

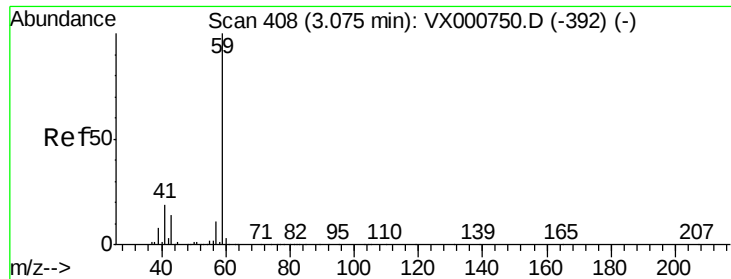


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 334.18 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

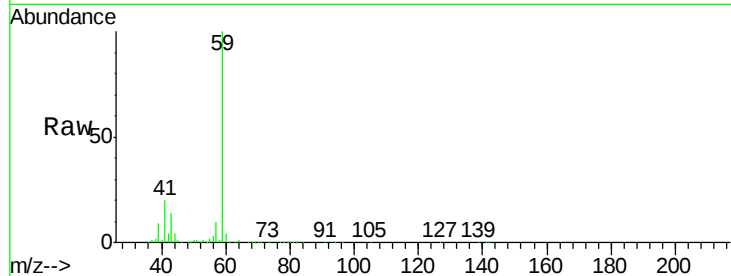
MW-101MSD

Tgt Ion: 59 Resp: 170618

Ion Ratio Lower Upper

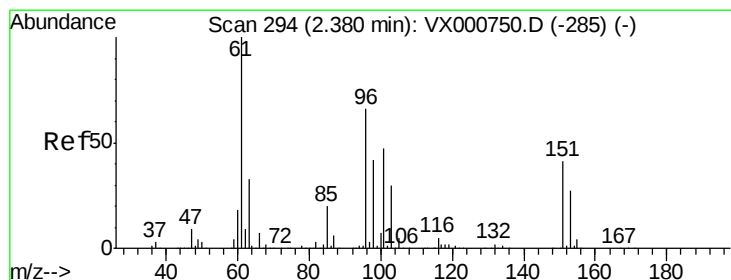
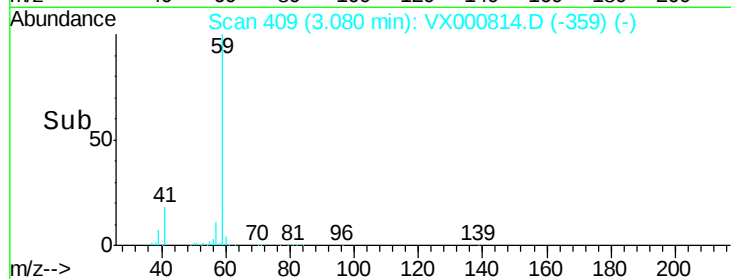
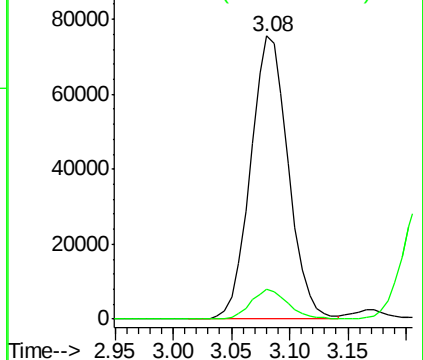
59 100

57 10.1 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 49.63 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

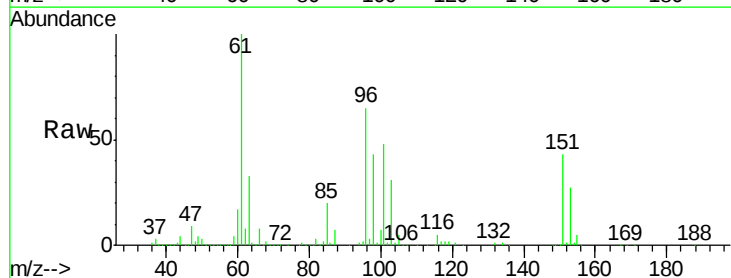
Tgt Ion: 96 Resp: 103883

Ion Ratio Lower Upper

96 100

61 153.5 120.5 180.7

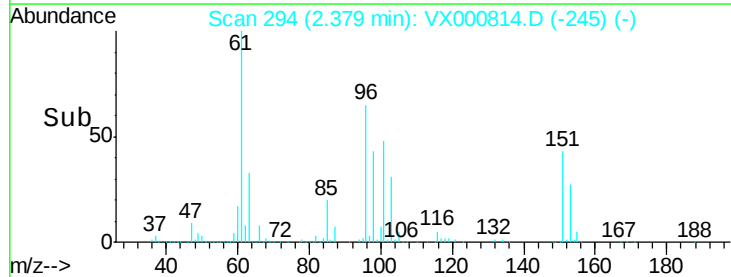
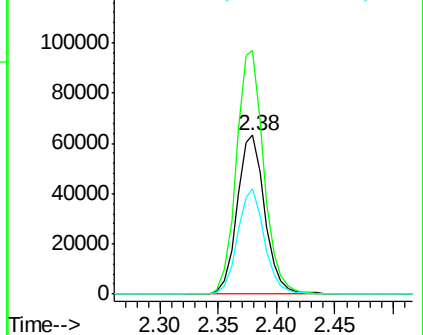
98 66.5 50.9 76.3

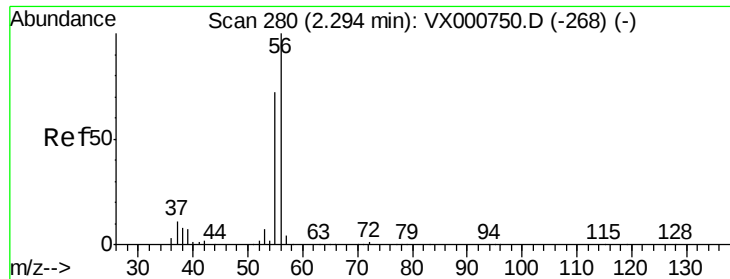


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

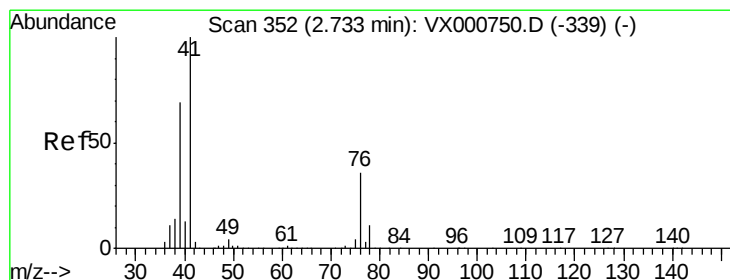
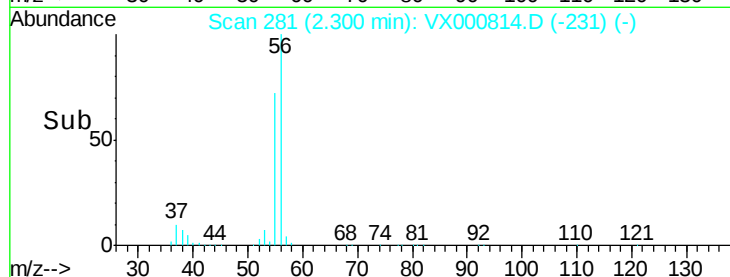
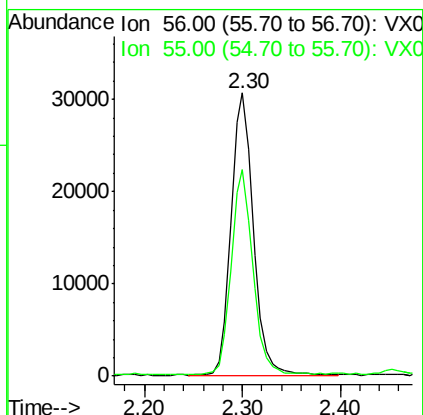
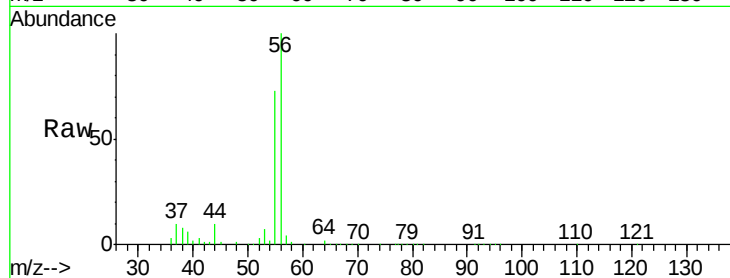




#13
 Acrolein
 Concen: 194.71 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

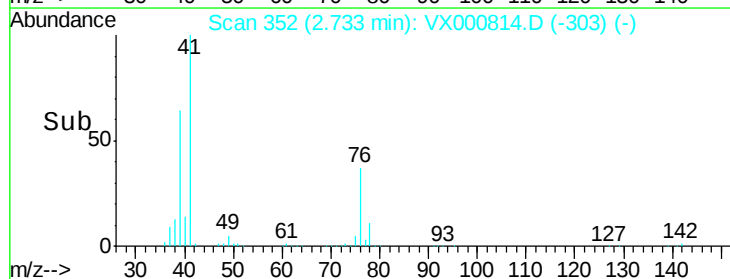
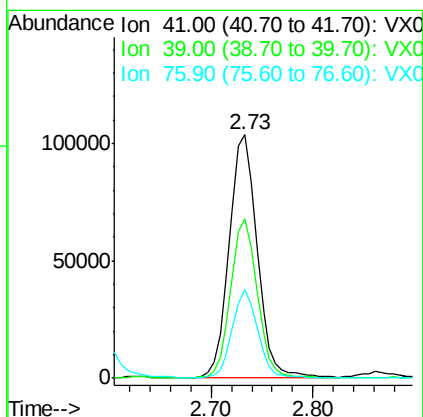
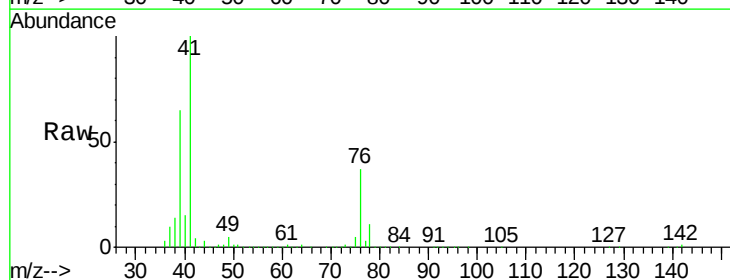
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

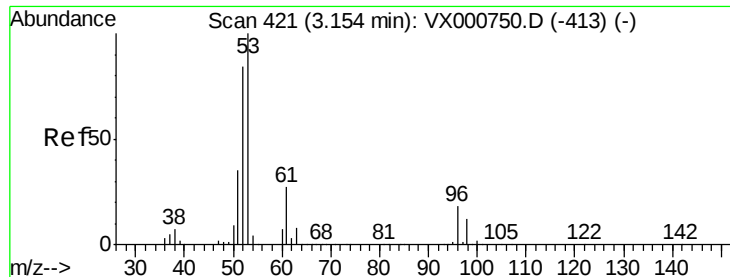
Tgt Ion: 56 Resp: 48276
 Ion Ratio Lower Upper
 56 100
 55 70.3 58.7 88.1



#14
 Allyl chloride
 Concen: 50.77 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion: 41 Resp: 196523
 Ion Ratio Lower Upper
 41 100
 39 61.5 51.5 77.3
 76 33.2 26.5 39.7





#15

Acrylonitrile

Concen: 307.79 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

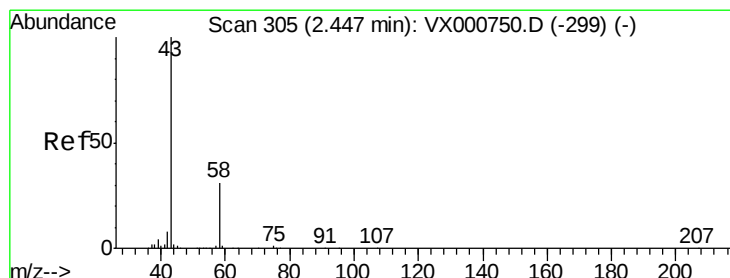
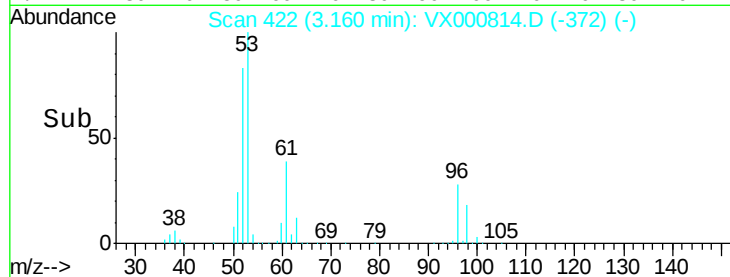
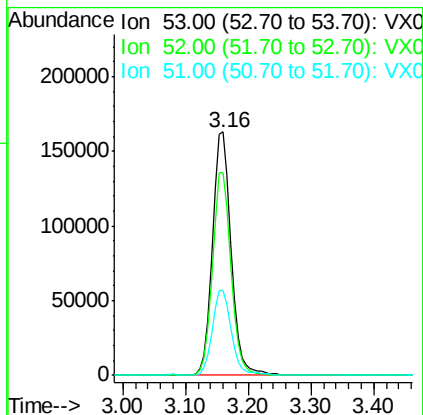
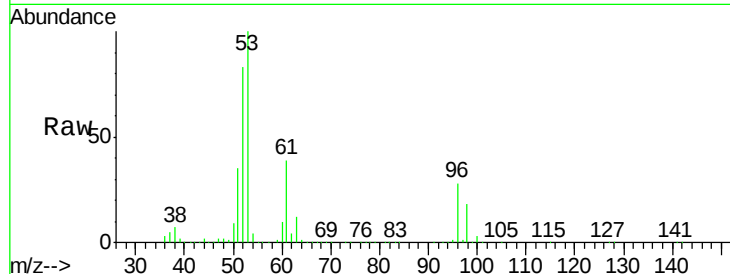
Tgt Ion: 53 Resp: 335033

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

51 35.7 28.8 43.2



#16

Acetone

Concen: 287.80 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000814.D

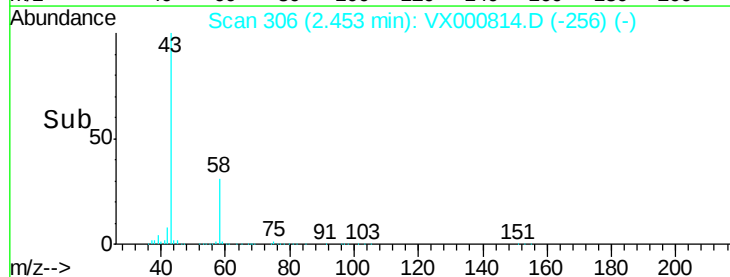
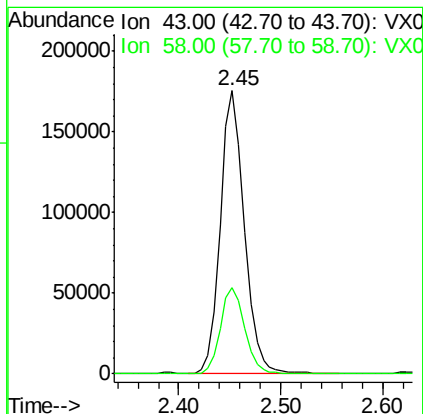
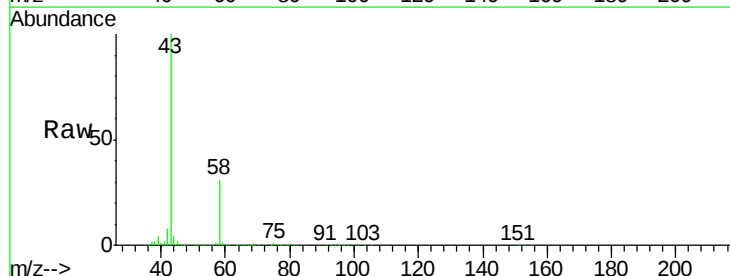
Acq: 12 Apr 2018 20:22

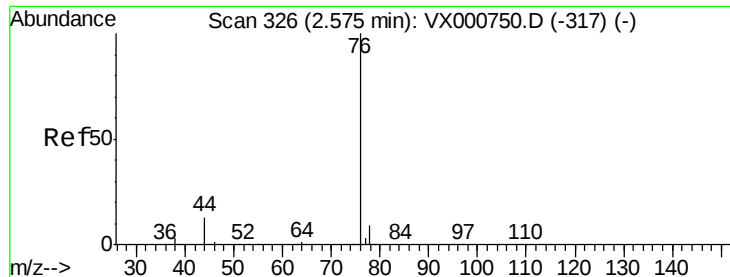
Tgt Ion: 43 Resp: 285401

Ion Ratio Lower Upper

43 100

58 30.6 24.6 37.0

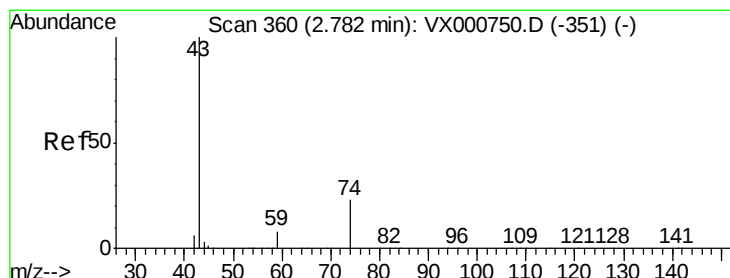
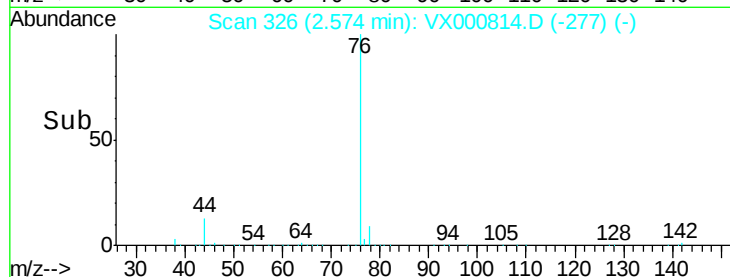
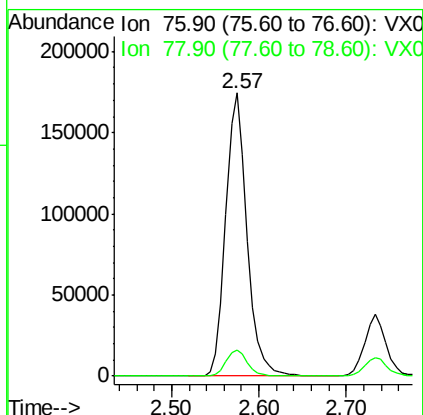
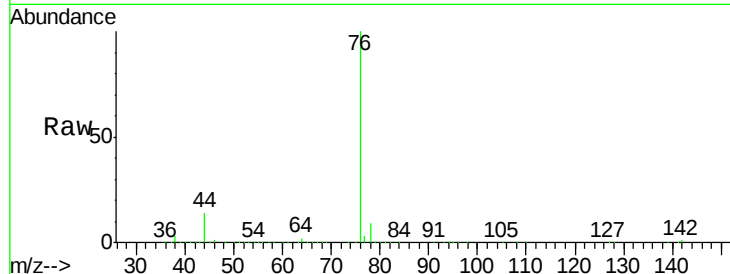




#17
Carbon Disulfide
Concen: 46.56 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

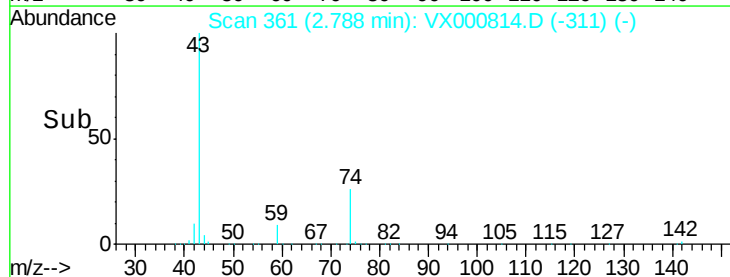
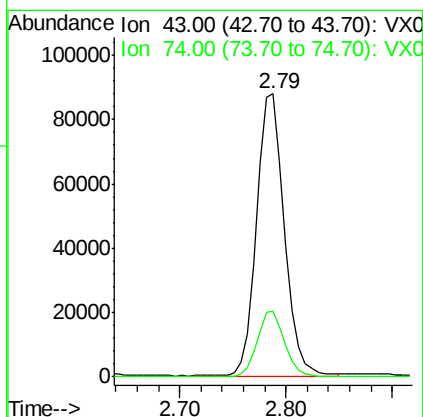
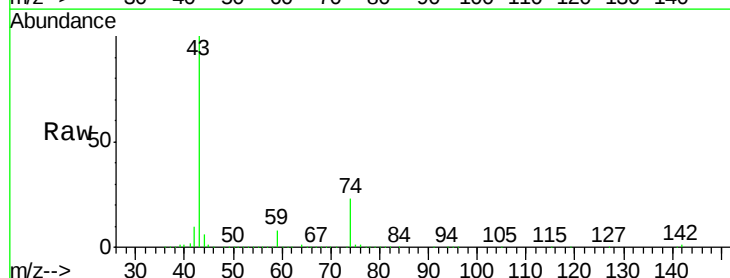
Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

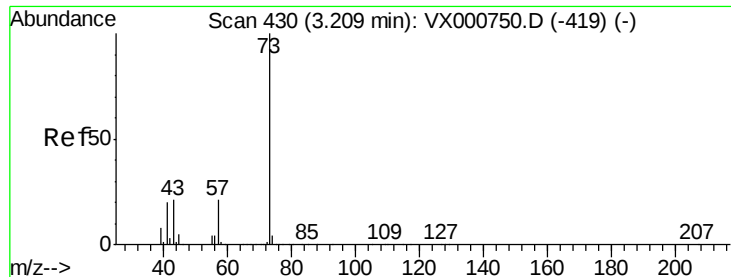
Tgt Ion: 76 Resp: 295131
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 62.64 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion: 43 Resp: 160760
Ion Ratio Lower Upper
43 100
74 23.3 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 53.13 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

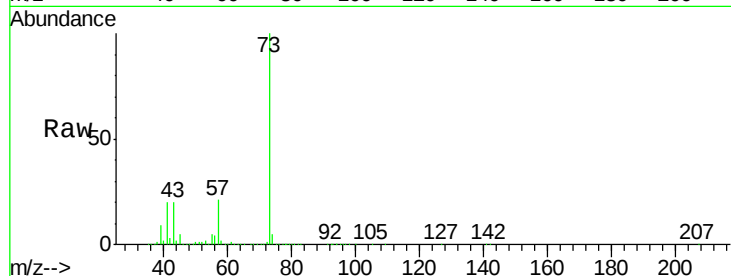
MW-101MSD

Tgt Ion: 73 Resp: 370458

Ion Ratio Lower Upper

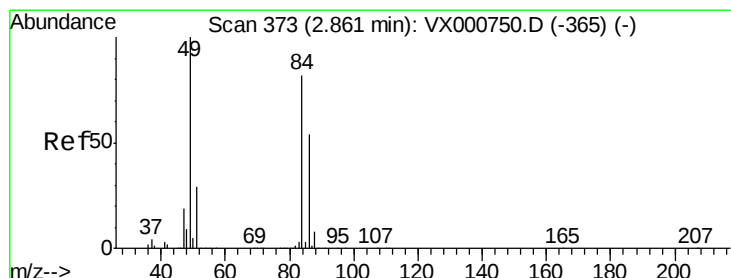
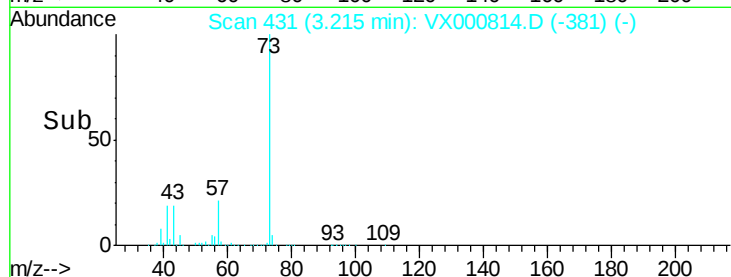
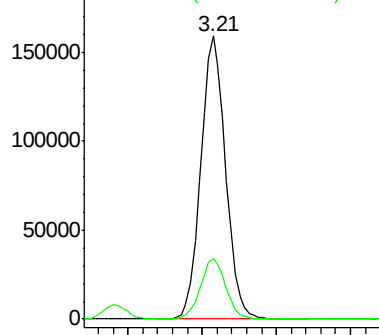
73 100

57 21.3 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 50.00 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion: 84 Resp: 115316

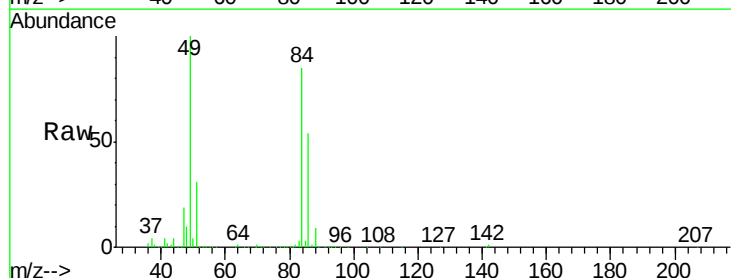
Ion Ratio Lower Upper

84 100

49 117.5 98.1 147.1

51 36.5 28.9 43.3

86 63.8 52.7 79.1

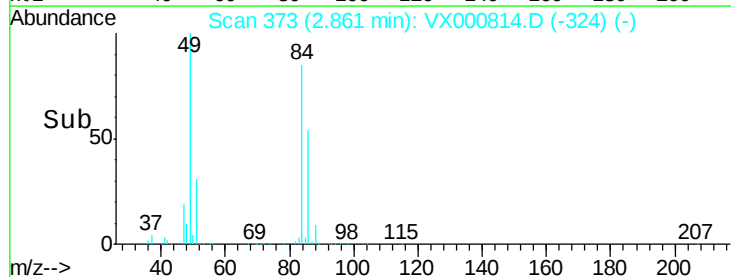
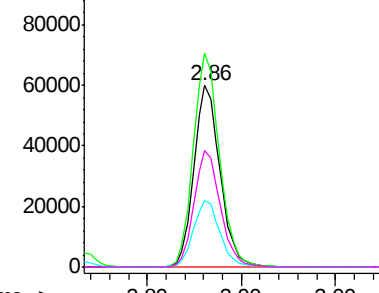


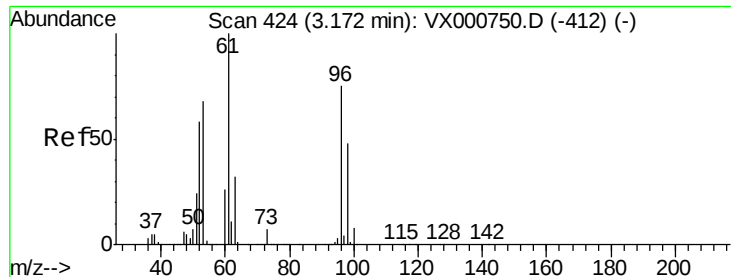
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 49.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

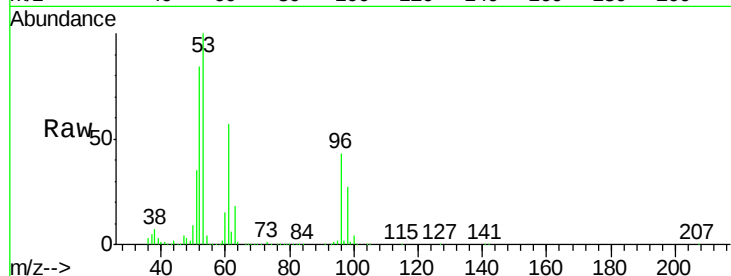
Tgt Ion: 96 Resp: 113298

Ion Ratio Lower Upper

96 100

61 132.5 106.2 159.2

98 61.8 51.2 76.8

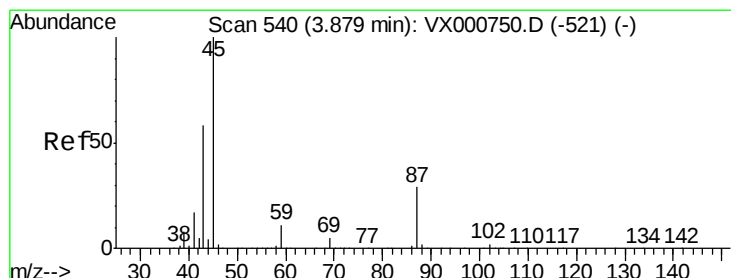
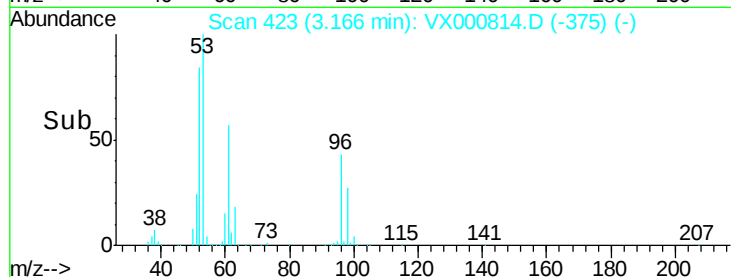
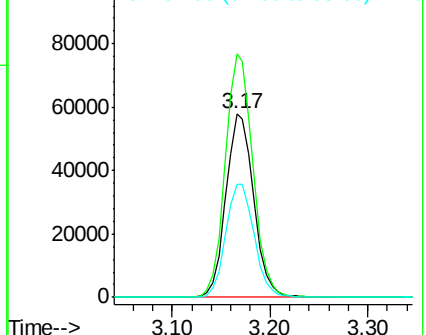


Abundance

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: 53.67 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion: 45 Resp: 381769

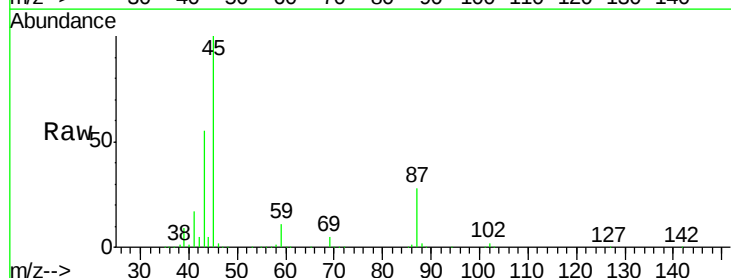
Ion Ratio Lower Upper

45 100

43 55.1 46.6 69.8

87 27.7 22.9 34.3

59 10.9 9.2 13.8



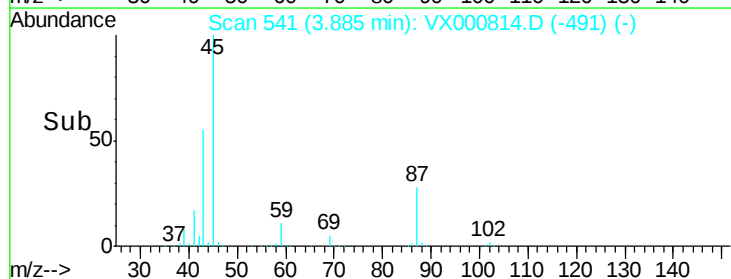
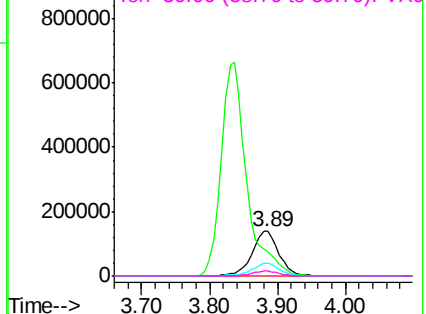
Abundance

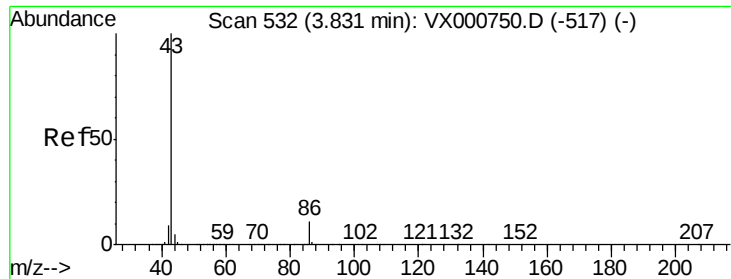
Ion 45.00 (44.70 to 45.70): VX0

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: 276.07 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

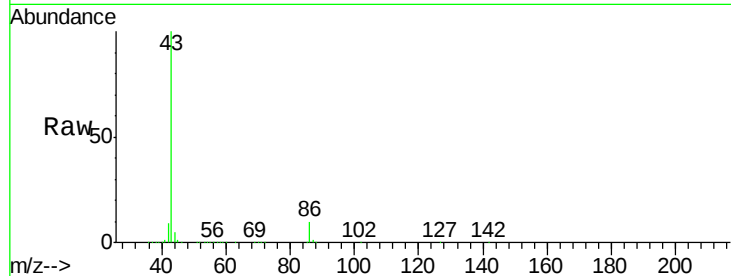
MW-101MSD

Tgt Ion: 43 Resp: 1724085

Ion Ratio Lower Upper

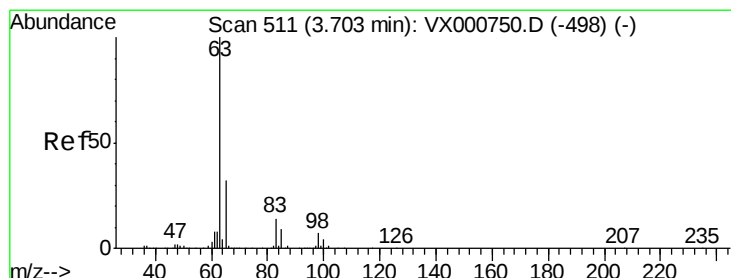
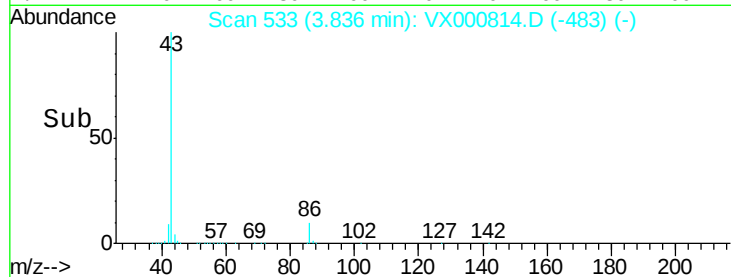
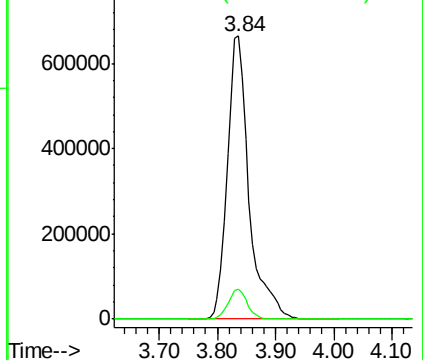
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.36 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

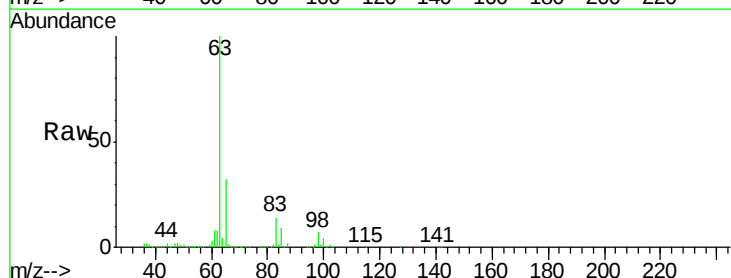
Tgt Ion: 63 Resp: 208984

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

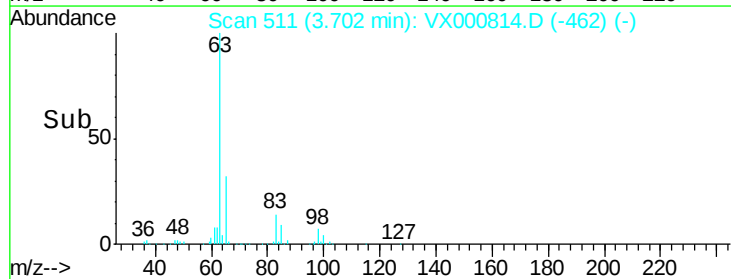
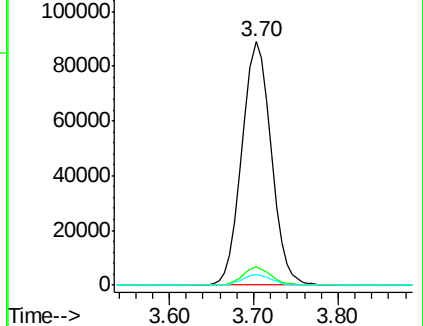
100 4.2 2.1 6.3

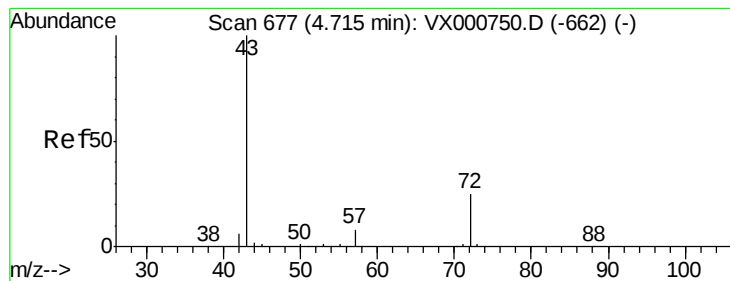


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 312.95 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

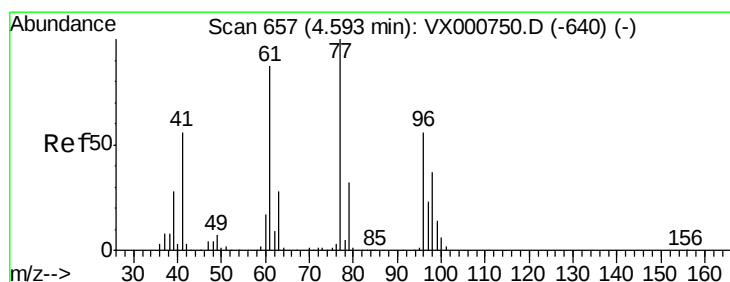
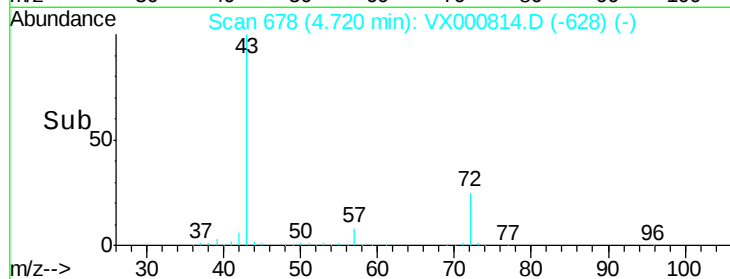
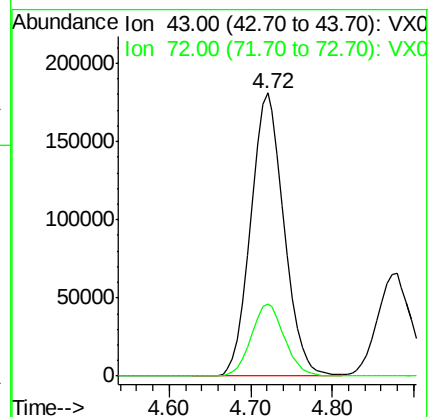
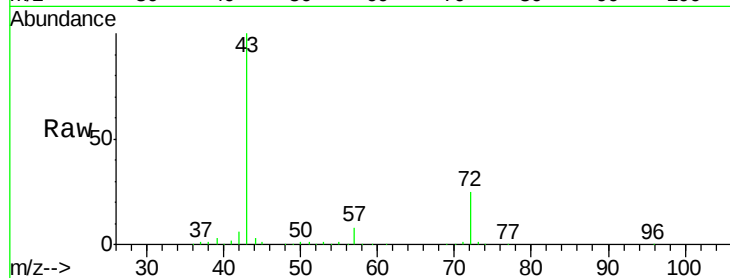
MW-101MSD

Tgt Ion: 43 Resp: 512483

Ion Ratio Lower Upper

43 100

72 25.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 45.69 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000814.D

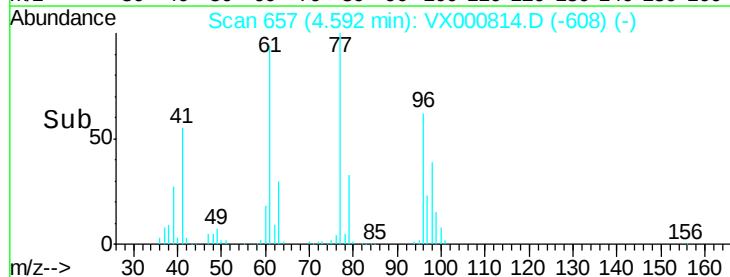
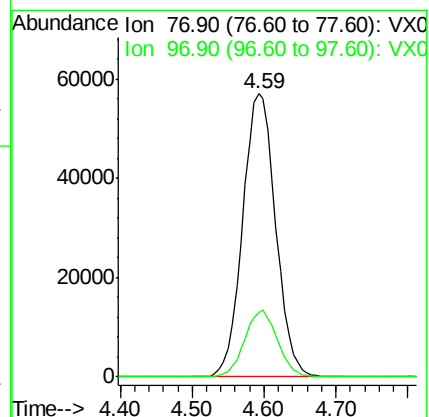
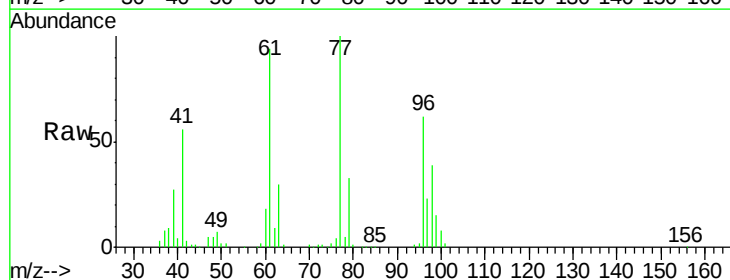
Acq: 12 Apr 2018 20:22

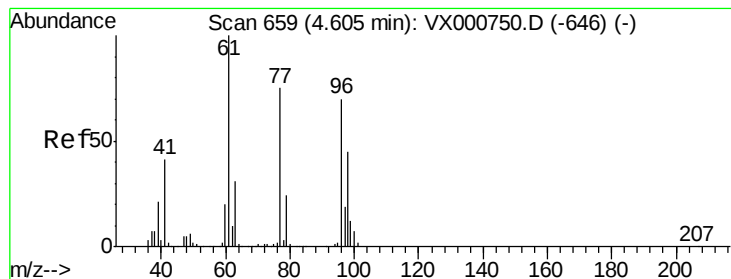
Tgt Ion: 77 Resp: 180997

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 51.94 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

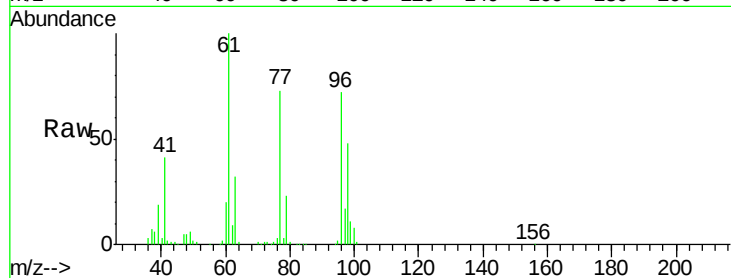
Tgt Ion: 96 Resp: 136071

Ion Ratio Lower Upper

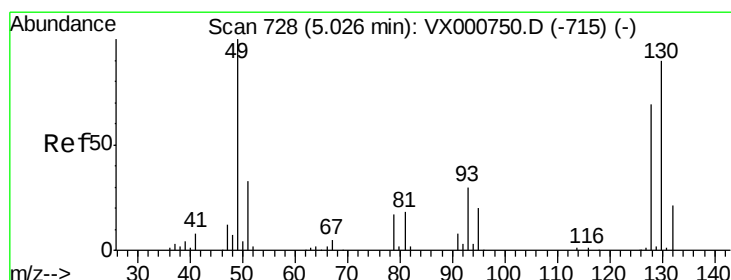
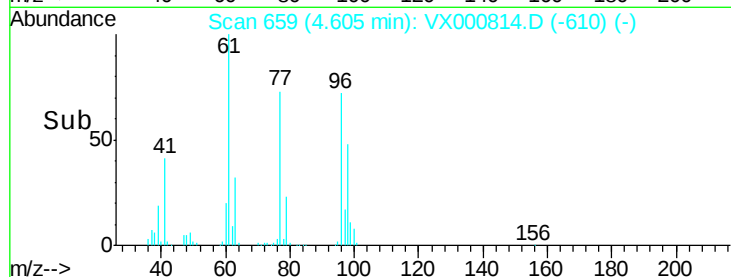
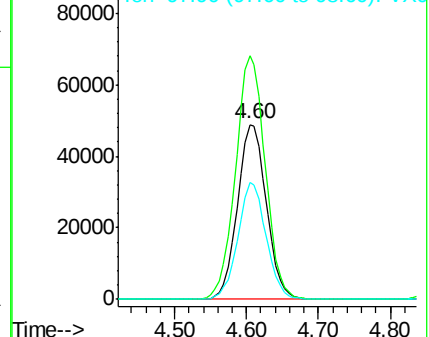
96 100

61 142.9 0.0 292.4

98 65.1 0.0 130.2



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



#28

Bromochloromethane

Concen: 51.16 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

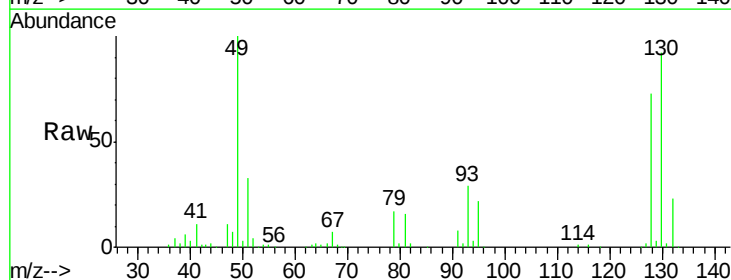
Tgt Ion: 49 Resp: 82223

Ion Ratio Lower Upper

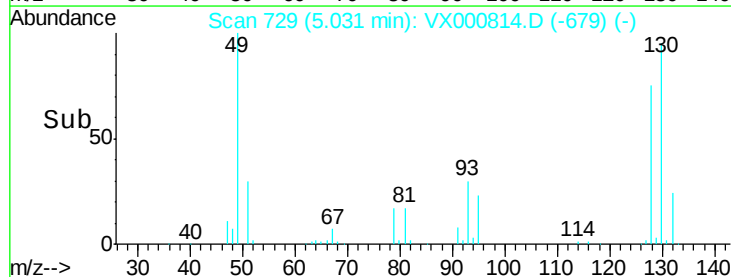
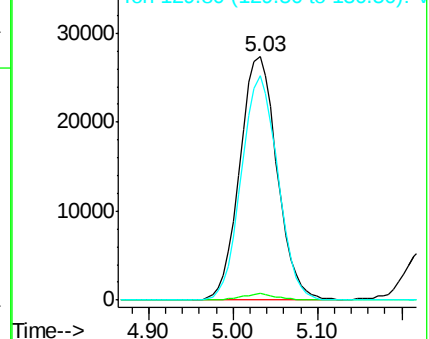
49 100

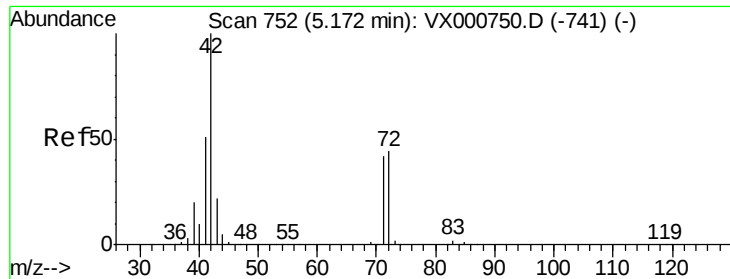
129 2.5 0.0 5.2

130 89.8 72.6 109.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 312.83 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

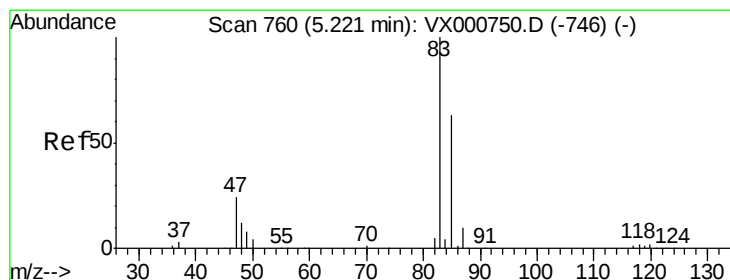
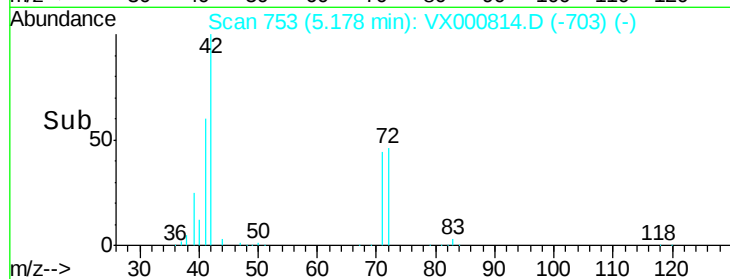
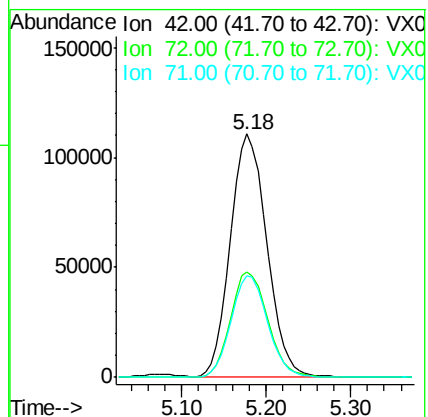
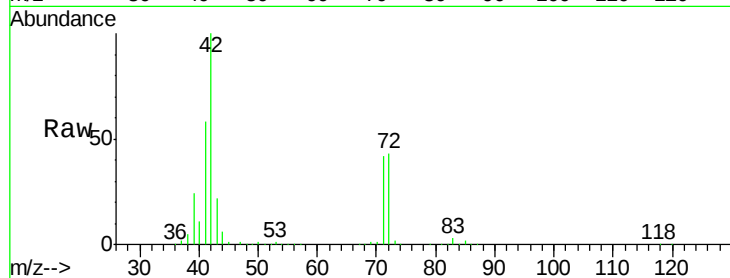
Tgt Ion: 42 Resp: 325277

Ion Ratio Lower Upper

42 100

72 44.3 35.1 52.7

71 41.8 32.8 49.2



#30

Chloroform

Concen: 52.70 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000814.D

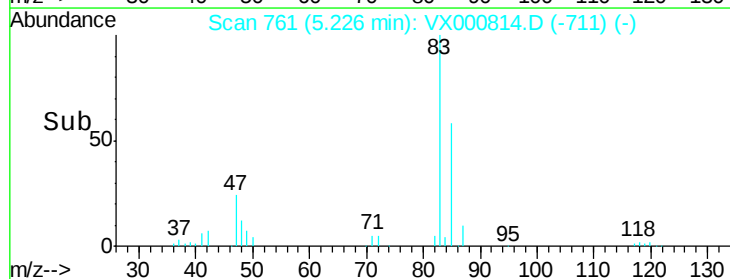
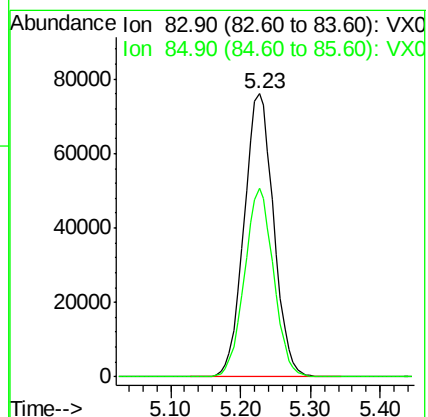
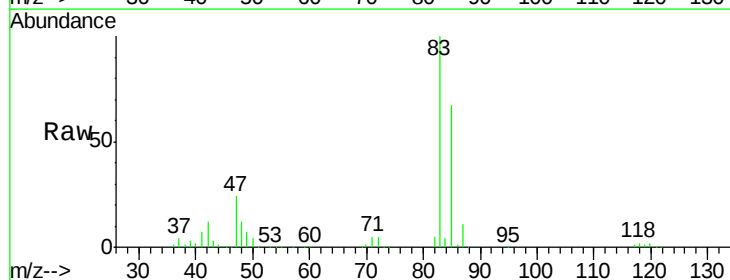
Acq: 12 Apr 2018 20:22

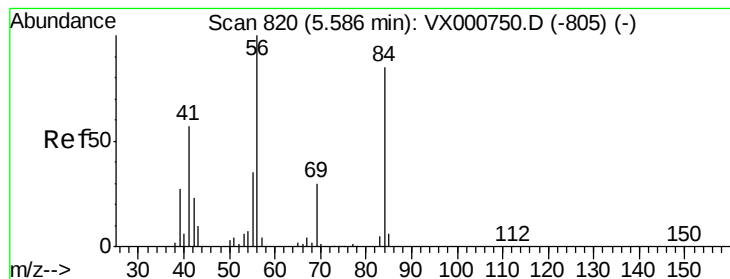
Tgt Ion: 83 Resp: 222710

Ion Ratio Lower Upper

83 100

85 66.5 50.7 76.1





#31

Cyclohexane

Concen: 48.59 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

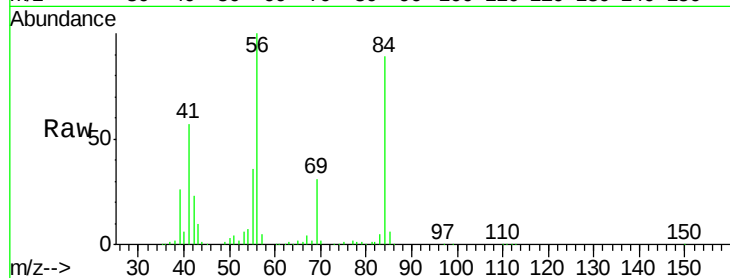
Tgt Ion: 56 Resp: 184182

Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.4

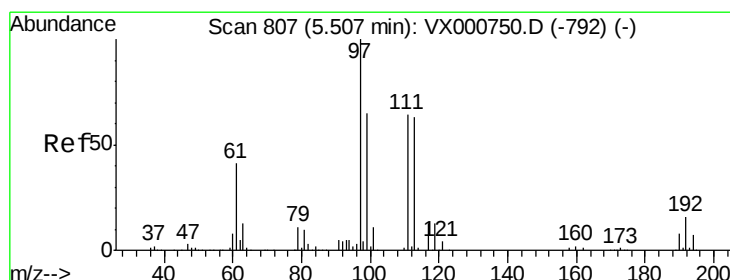
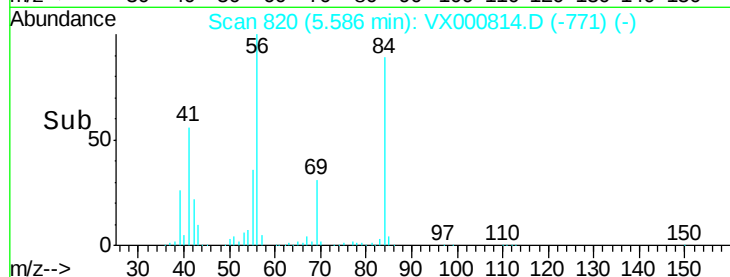
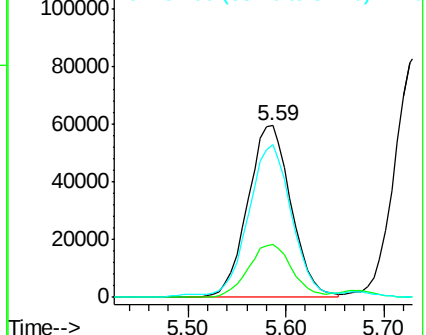
84 87.3 67.6 101.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

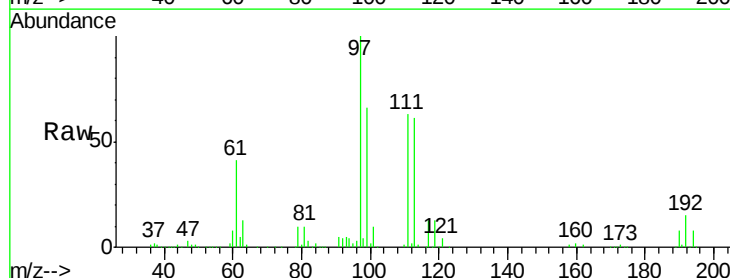
Tgt Ion: 97 Resp: 205066

Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

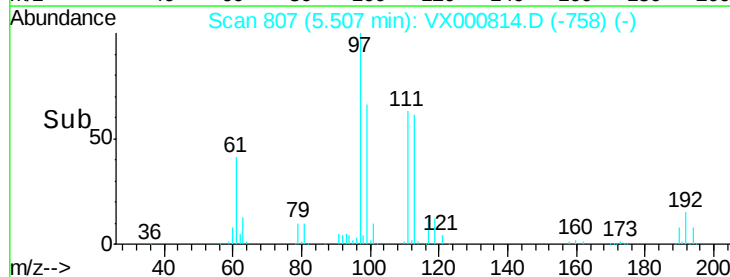
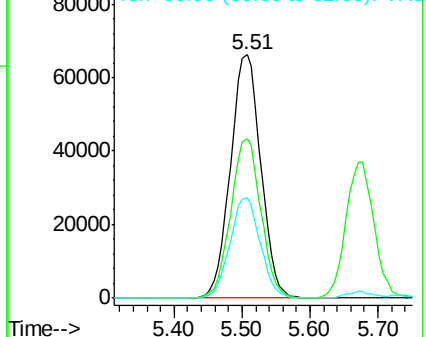
61 41.3 33.7 50.5

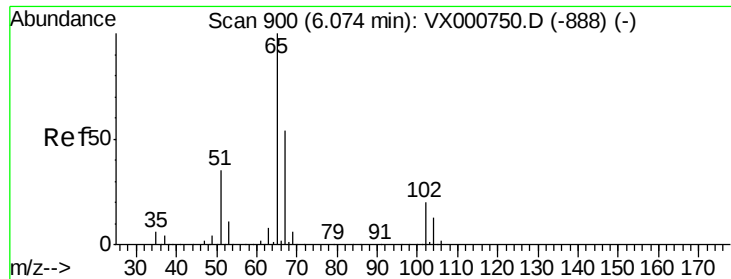


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.51 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

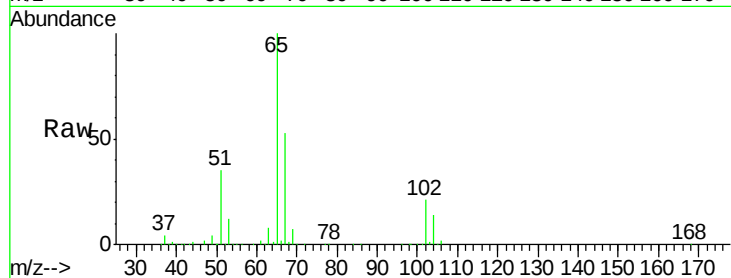
MW-101MSD

Tgt Ion: 65 Resp: 142375

Ion Ratio Lower Upper

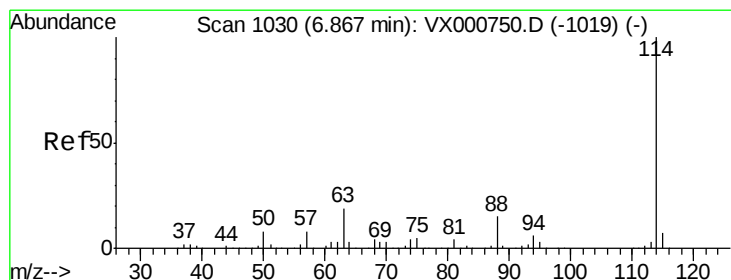
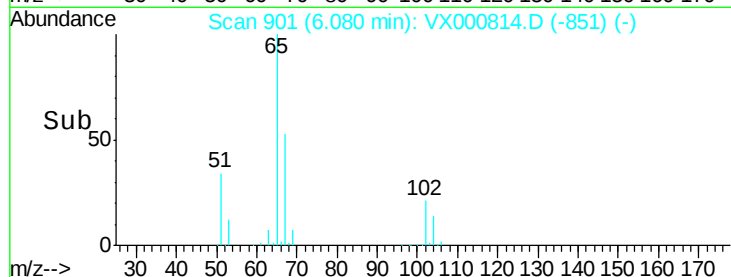
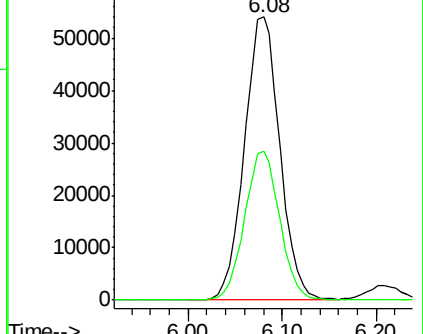
65 100

67 52.3 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: VX000814.D

Acq: 12 Apr 2018 20:22

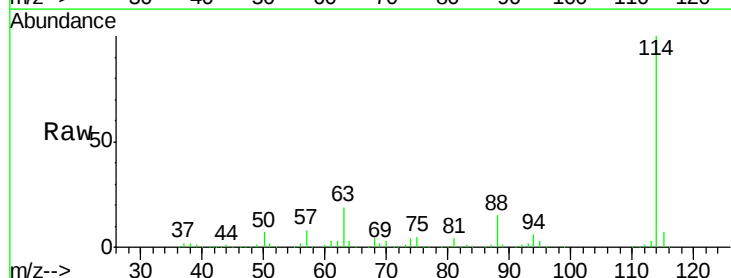
Tgt Ion: 114 Resp: 315973

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

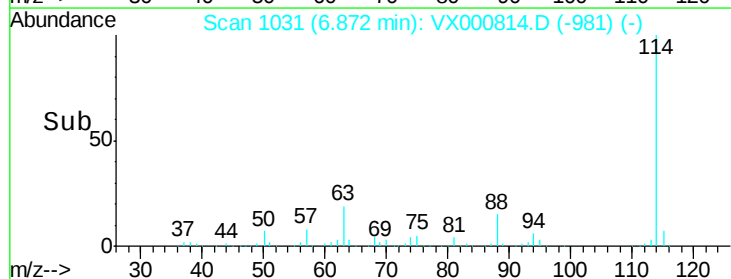
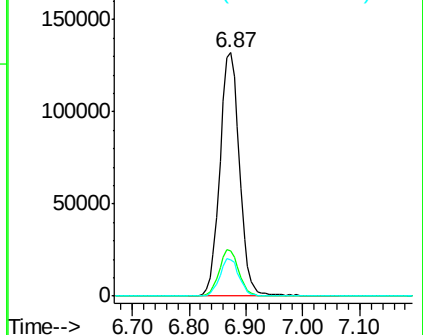
88 15.1 0.0 31.0

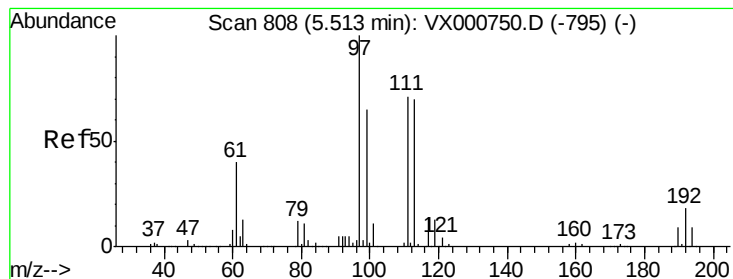


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.74 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

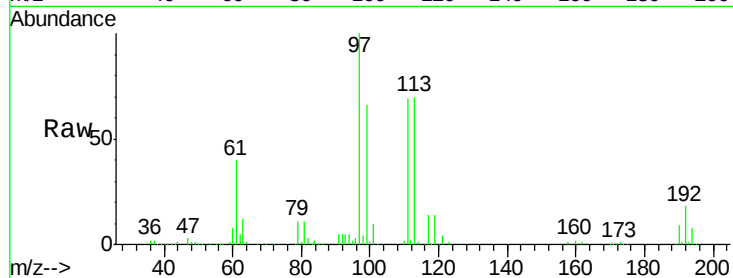
Tgt Ion:113 Resp: 121088

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

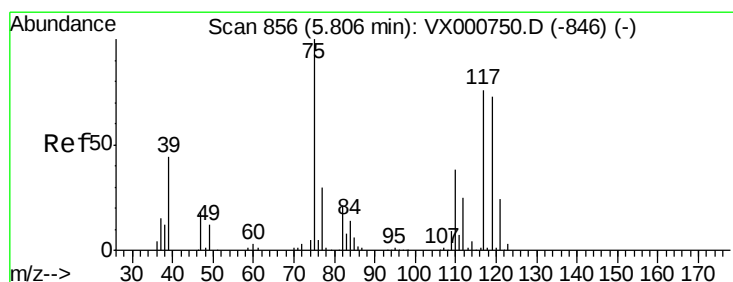
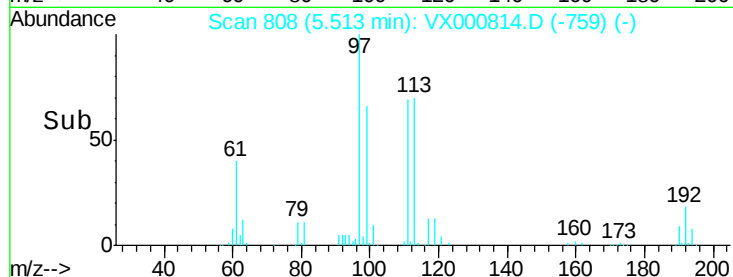
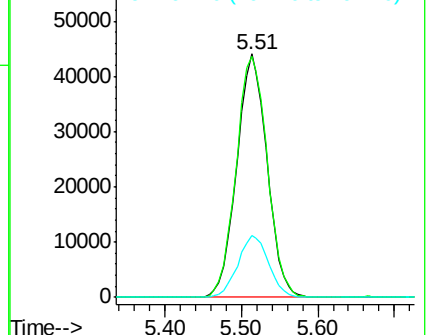
192 25.8 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.16 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

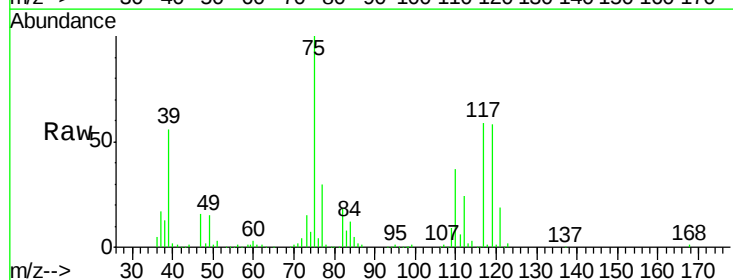
Tgt Ion: 75 Resp: 164110

Ion Ratio Lower Upper

75 100

110 38.3 19.2 57.6

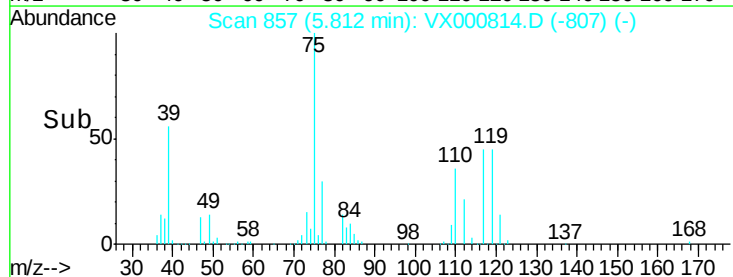
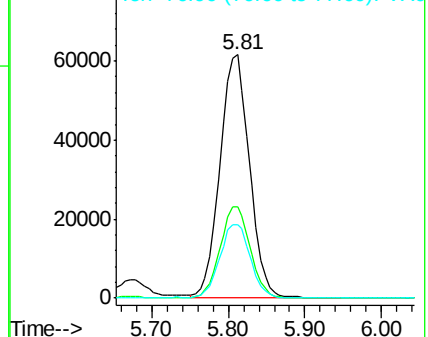
77 31.4 25.4 38.2

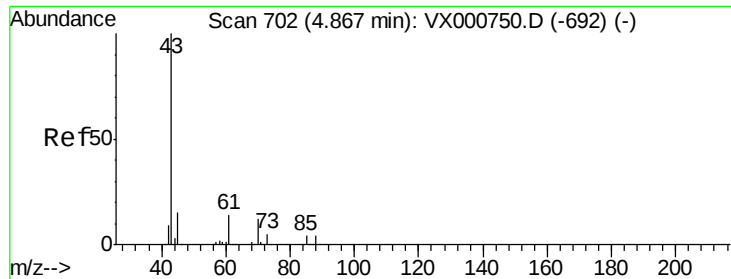


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

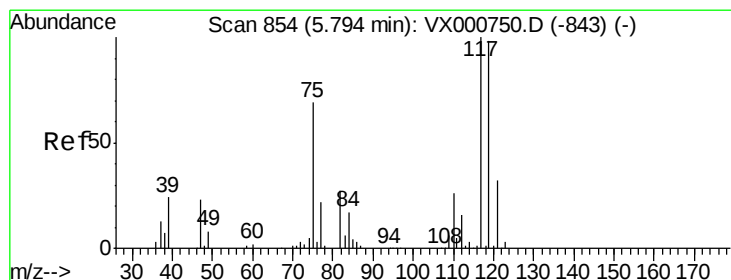
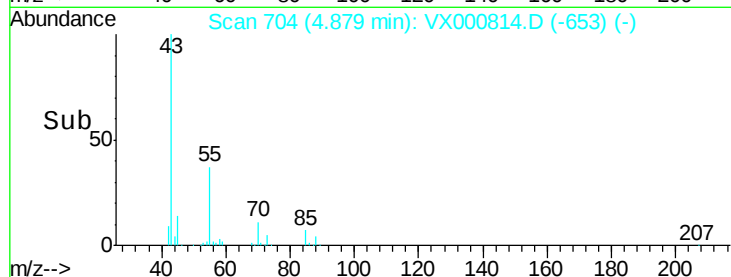
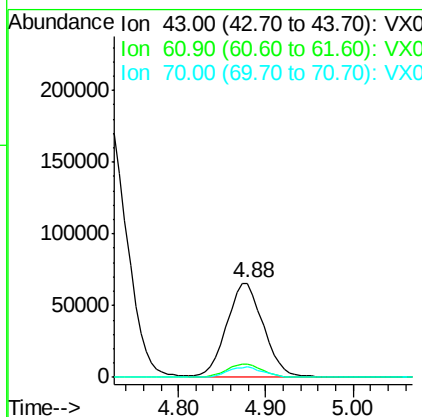
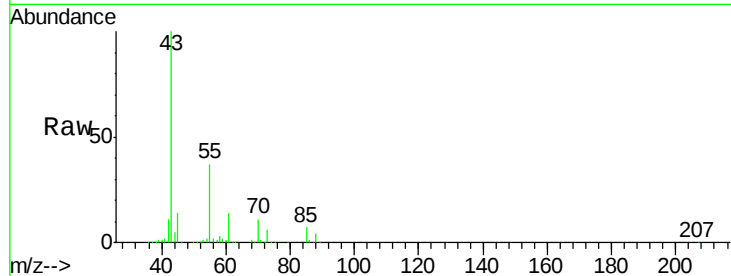




#37
Ethyl Acetate
Concen: 56.29 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

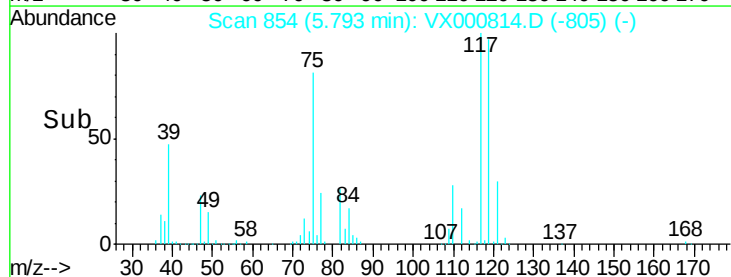
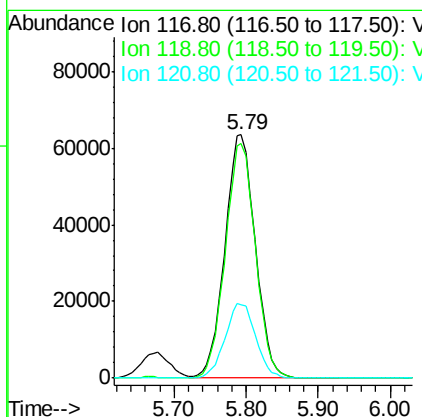
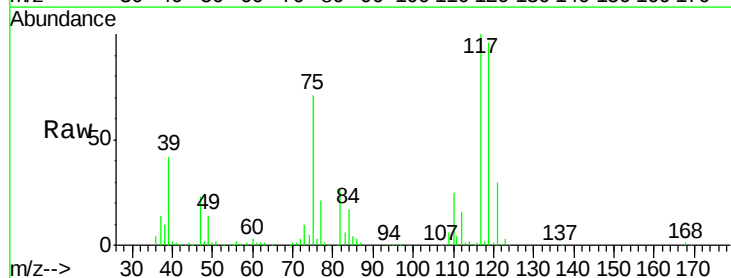
Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

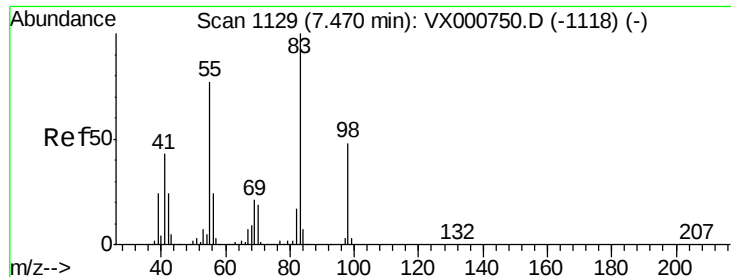
Tgt Ion: 43 Resp: 191213
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.85 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion: 117 Resp: 186387
Ion Ratio Lower Upper
117 100
119 96.4 78.4 117.6
121 30.4 25.4 38.0

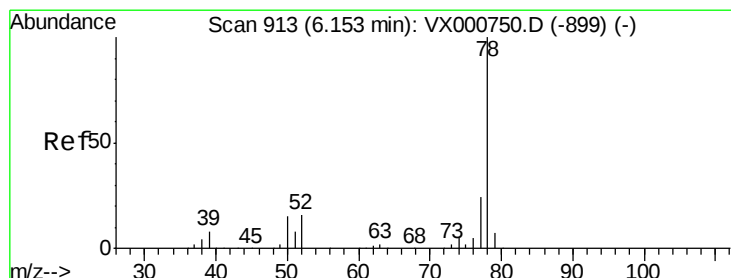
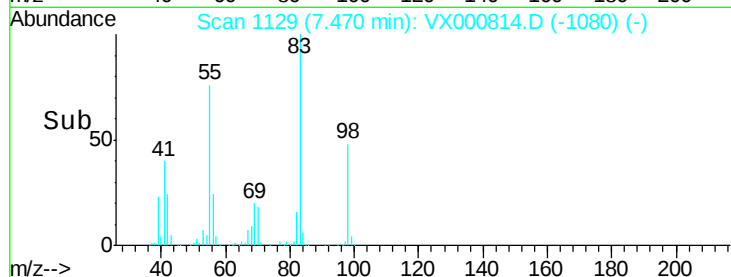
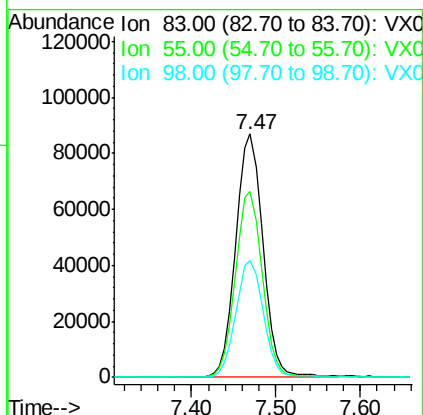
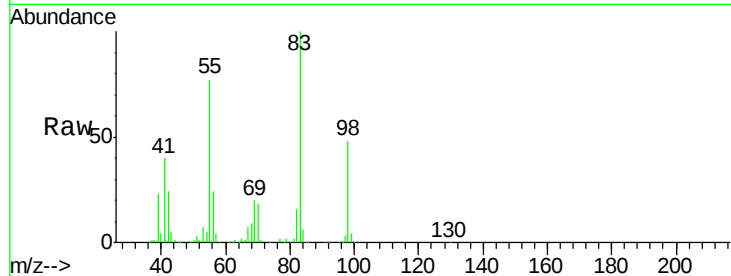




#39
Methylcyclohexane
Concen: 45.47 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

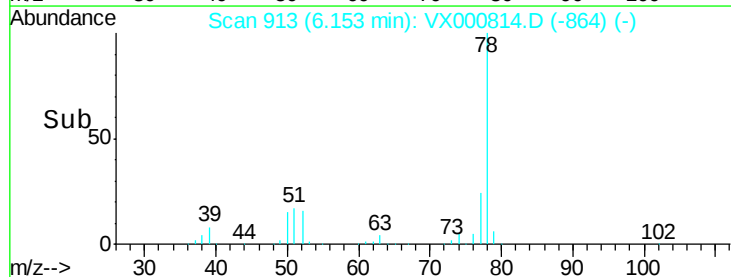
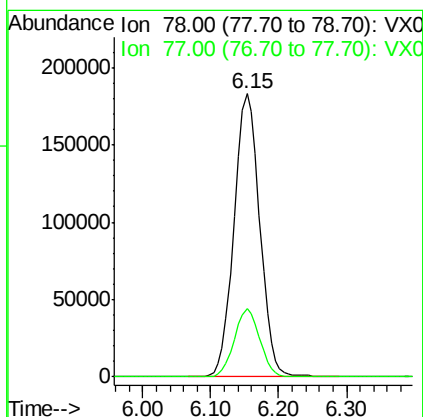
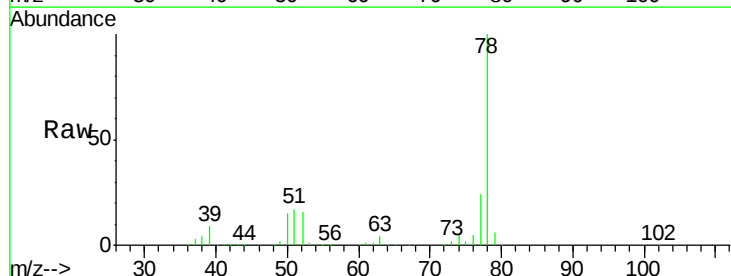
Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

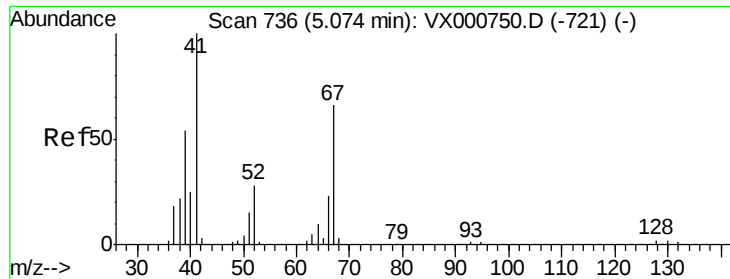
Tgt Ion: 83 Resp: 190030
Ion Ratio Lower Upper
83 100
55 76.5 61.5 92.3
98 47.8 38.1 57.1



#40
Benzene
Concen: 49.81 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion: 78 Resp: 481596
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

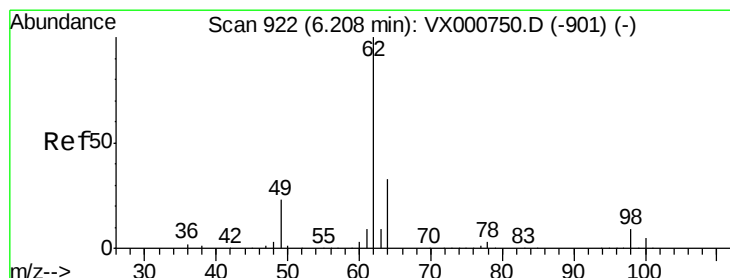
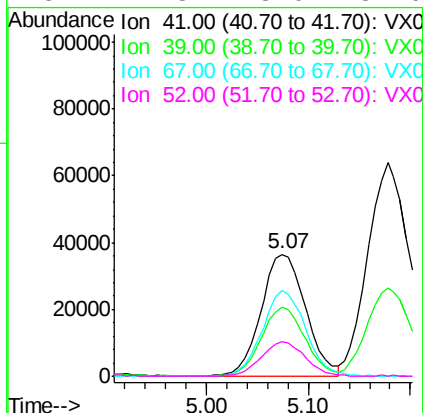
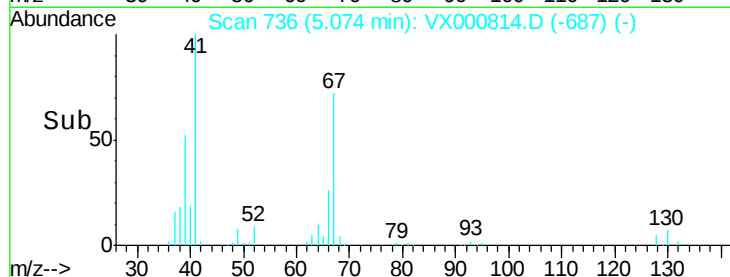
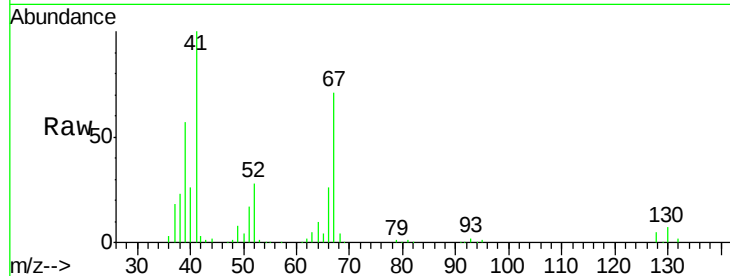




#41
Methacrylonitrile
Concen: 56.04 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

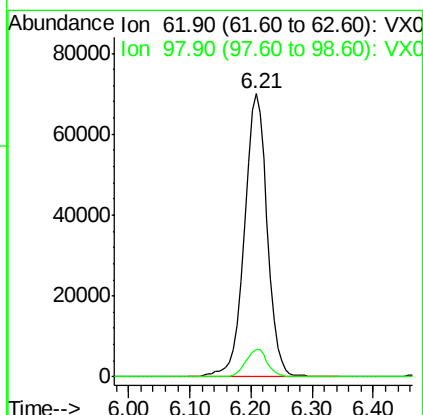
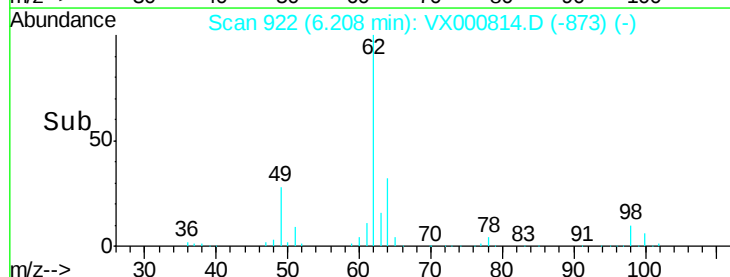
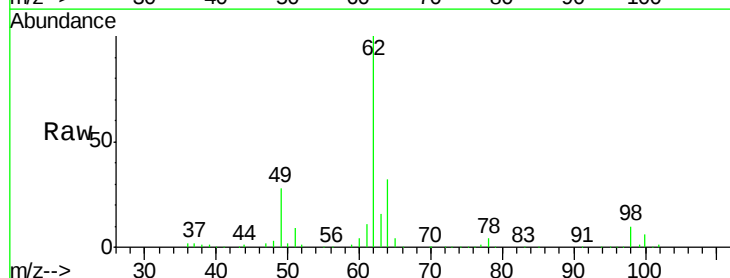
Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

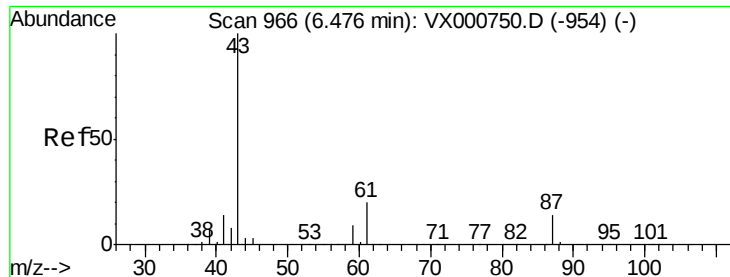
Tgt Ion:	41	Resp:	109986
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.9	67.3
67	69.0	54.7	82.1
52	27.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 50.22 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion:	62	Resp:	181342
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 54.37 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

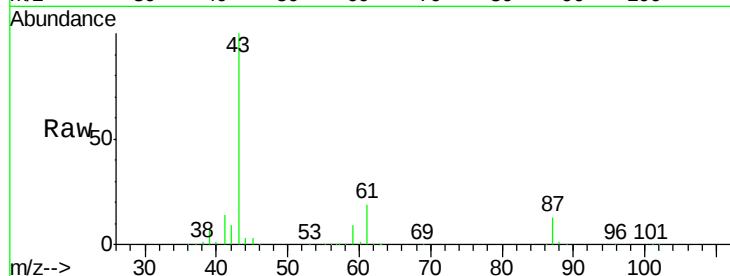
Tgt Ion: 43 Resp: 316654

Ion Ratio Lower Upper

43 100

61 19.7 15.6 23.4

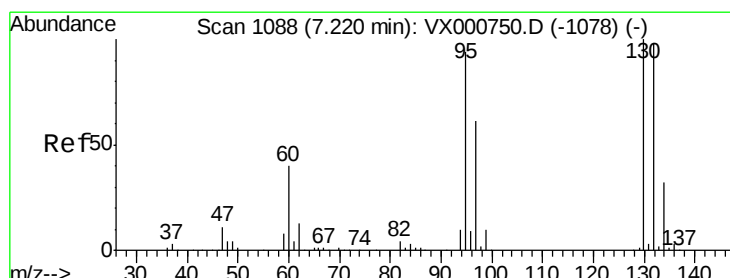
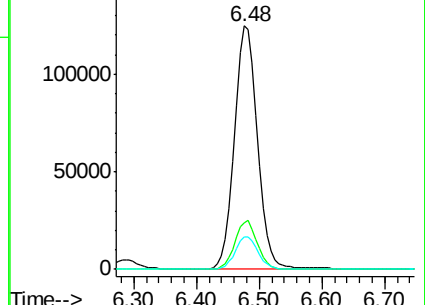
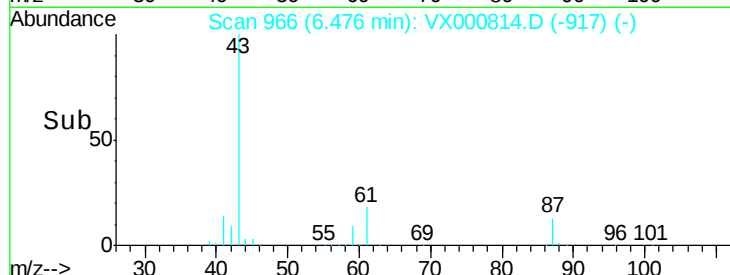
87 13.5 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX000814.D (-917) (-)

Ion 61.00 (60.70 to 61.70): VX000814.D (-917) (-)

Ion 87.00 (86.70 to 87.70): VX000814.D (-917) (-)



#44

Trichloroethene

Concen: 48.52 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000814.D

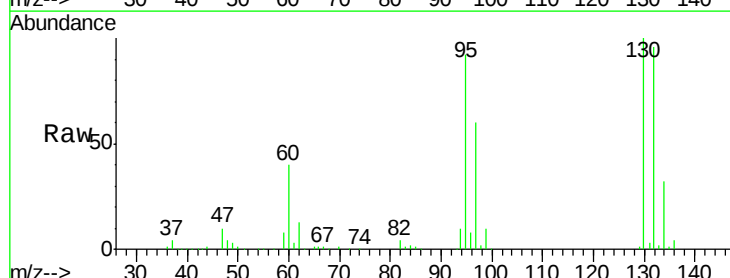
Acq: 12 Apr 2018 20:22

Tgt Ion: 130 Resp: 145893

Ion Ratio Lower Upper

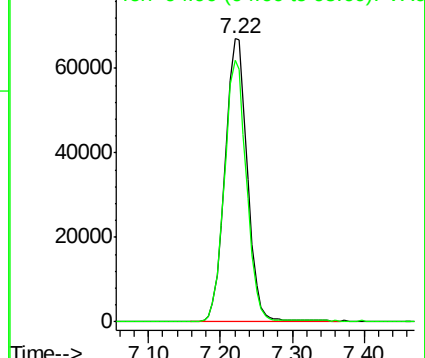
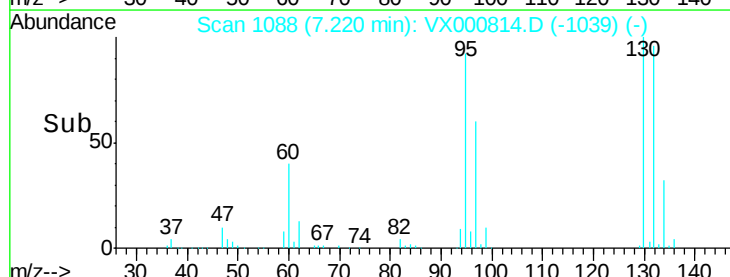
130 100

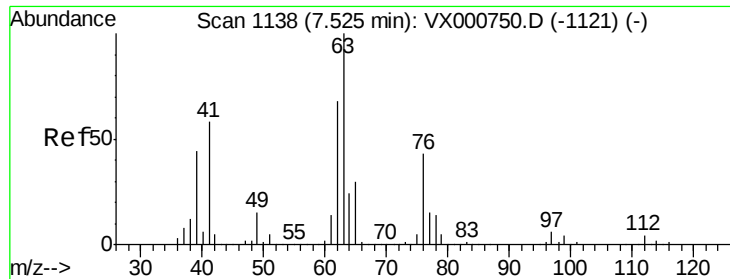
95 92.2 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX000814.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX000814.D (-1039) (-)

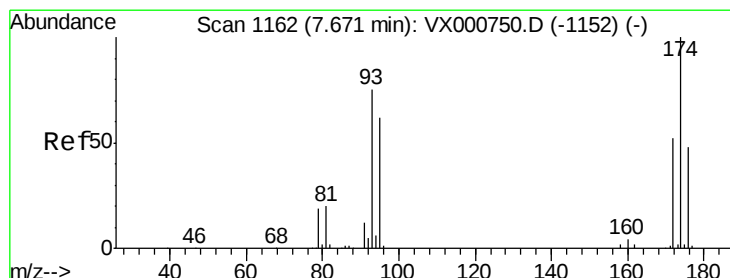
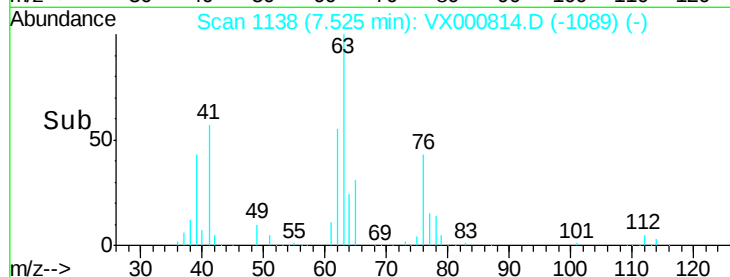
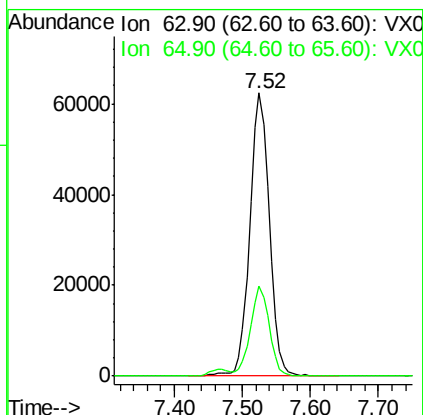
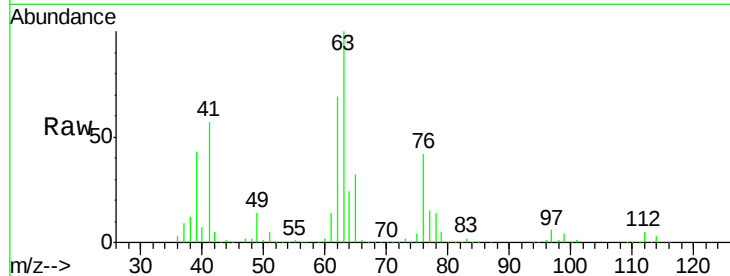




#45
 1,2-Dichloropropane
 Concen: 50.98 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

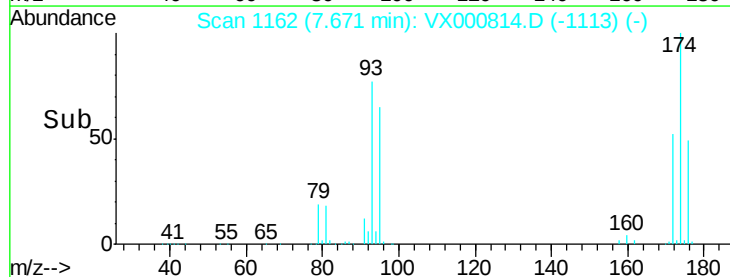
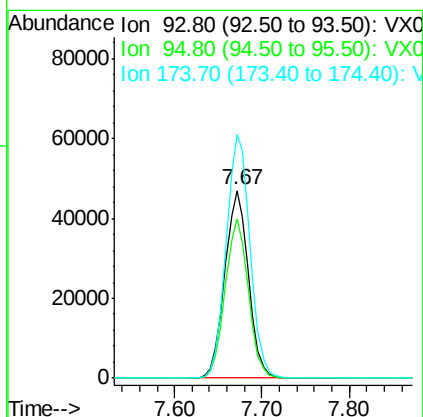
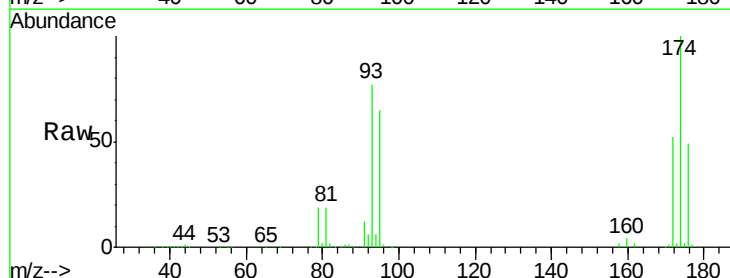
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

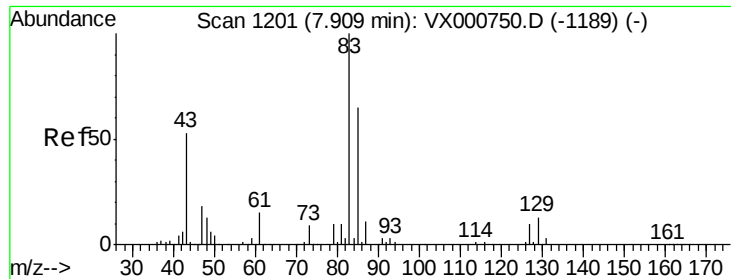
Tgt Ion: 63 Resp: 12530
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.7 35.5



#46
 Dibromomethane
 Concen: 51.12 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion: 93 Resp: 87749
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 100.0
 174 131.2 104.5 156.7





#47

Bromodichloromethane

Concen: 50.19 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

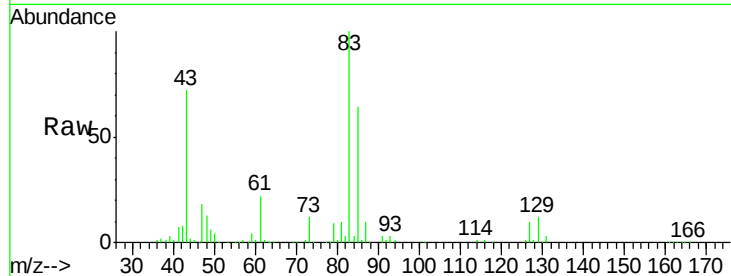
Tgt Ion: 83 Resp: 173880

Ion Ratio Lower Upper

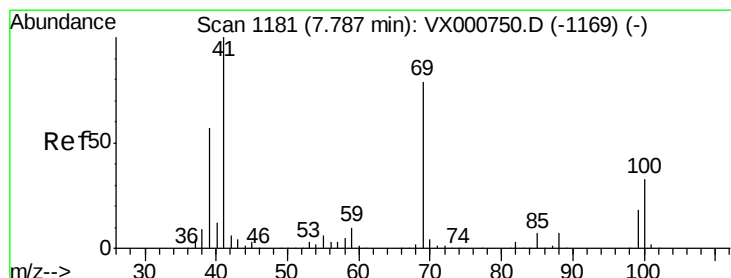
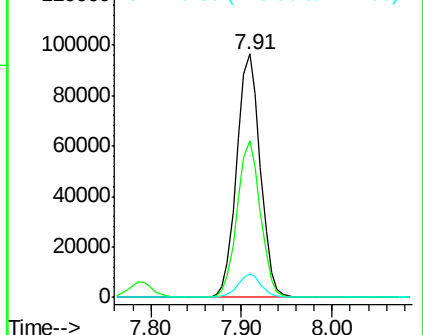
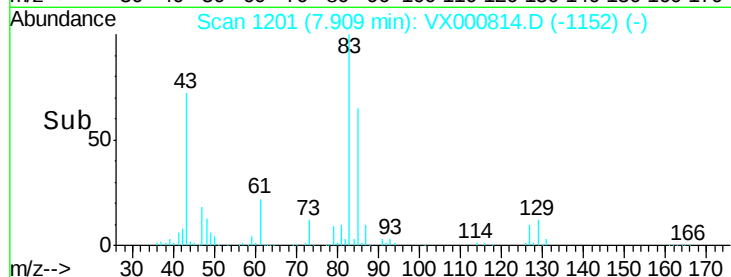
83 100

85 64.3 52.2 78.4

127 9.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.11 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

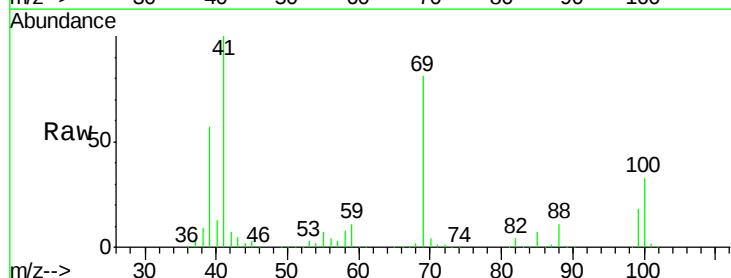
Tgt Ion: 41 Resp: 163349

Ion Ratio Lower Upper

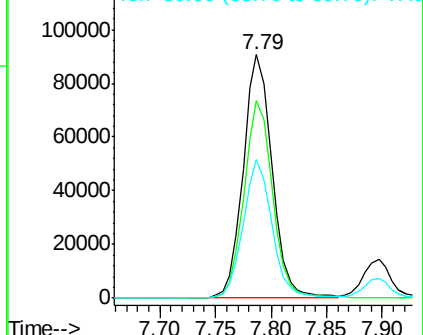
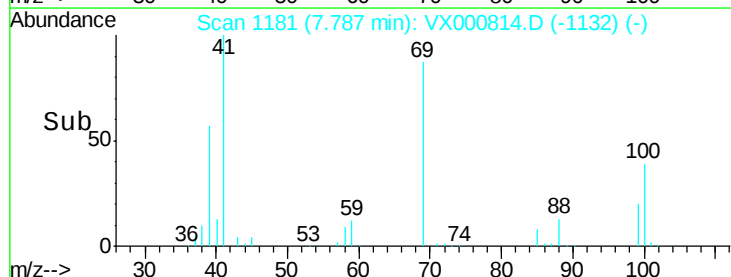
41 100

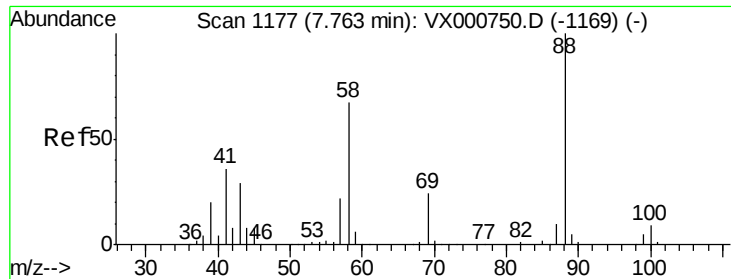
69 80.9 63.9 95.9

39 56.2 45.9 68.9



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

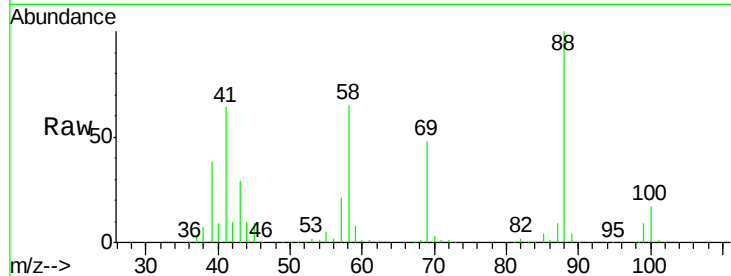




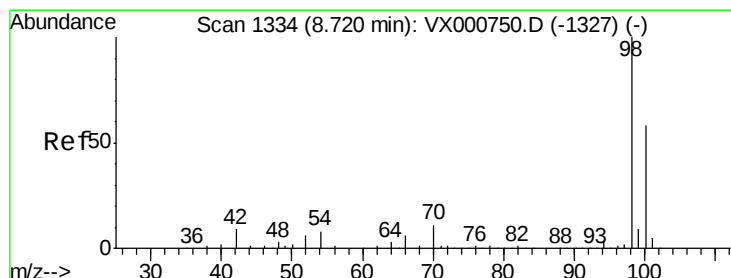
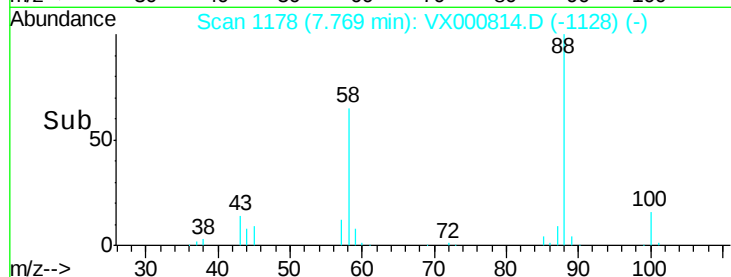
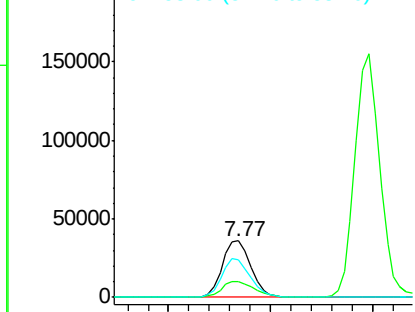
#49
1,4-Dioxane
Concen: 1157.38 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tgt Ion: 88 Resp: 70218
Ion Ratio Lower Upper
88 100
43 31.7 25.8 38.8
58 67.9 54.4 81.6

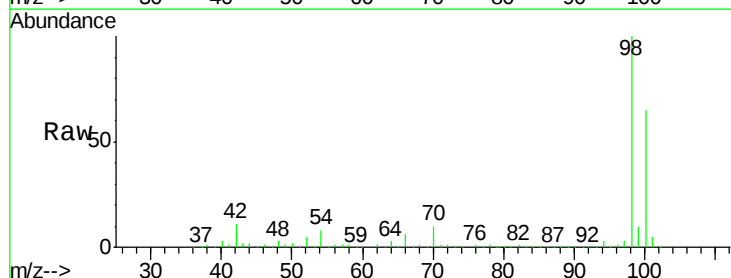


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

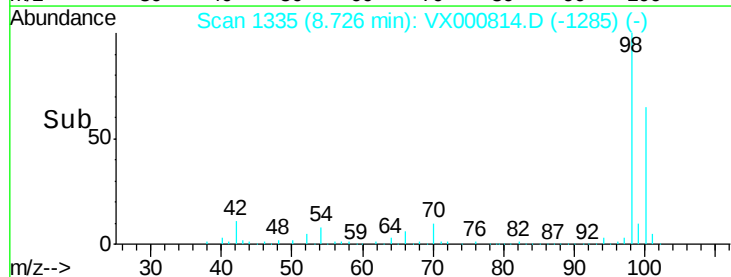
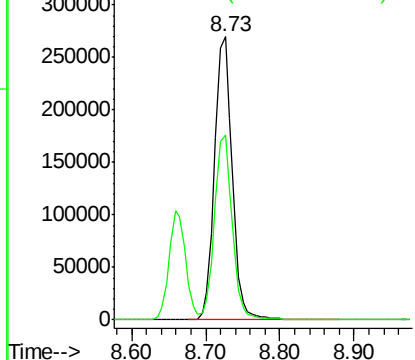


#50
Toluene-d8
Concen: 48.56 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion: 98 Resp: 440154
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 304.00 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

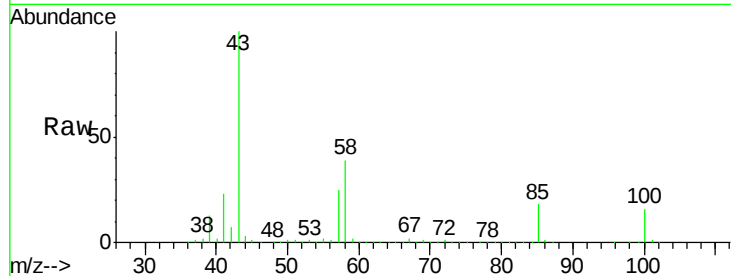
MW-101MSD

Tgt Ion: 43 Resp: 1040047

Ion Ratio Lower Upper

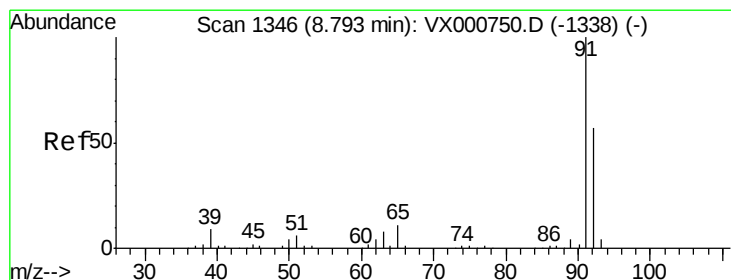
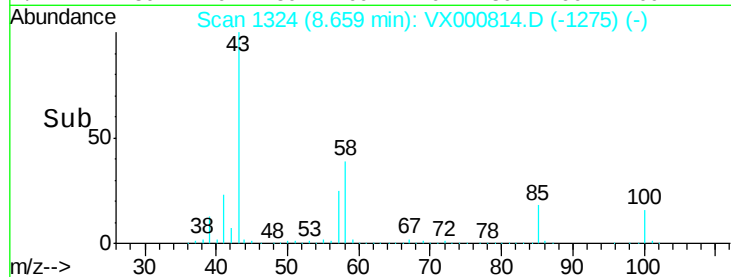
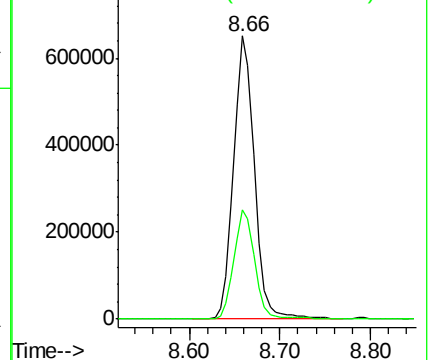
43 100

58 39.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.61 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000814.D

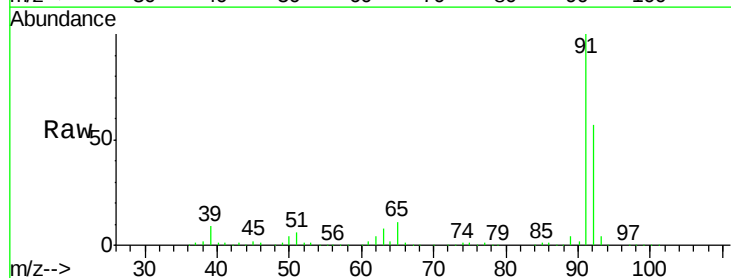
Acq: 12 Apr 2018 20:22

Tgt Ion: 92 Resp: 318214

Ion Ratio Lower Upper

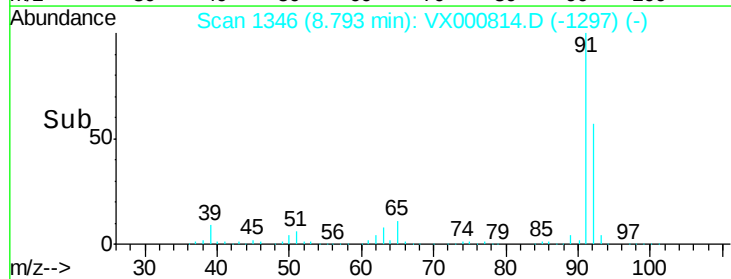
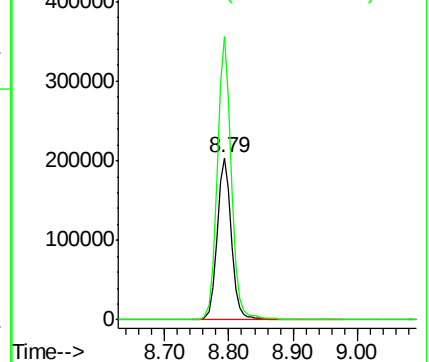
92 100

91 172.1 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.27 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

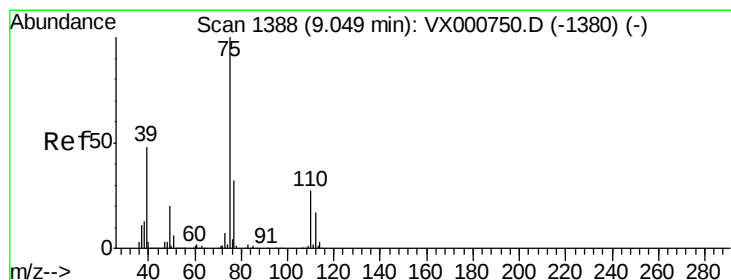
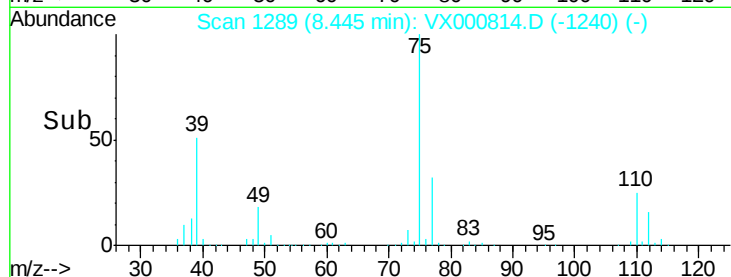
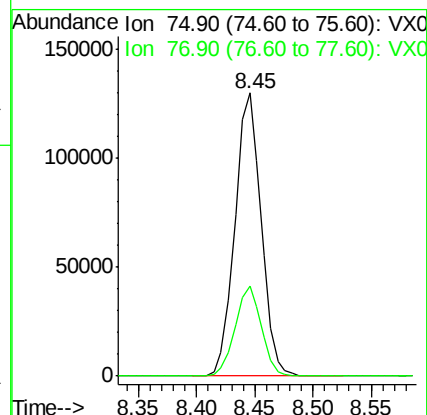
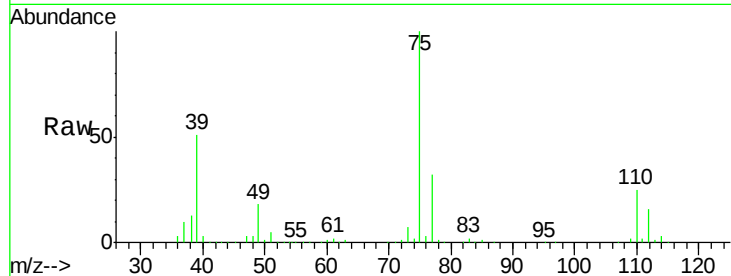
MW-101MSD

Tgt Ion: 75 Resp: 204730

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 49.18 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

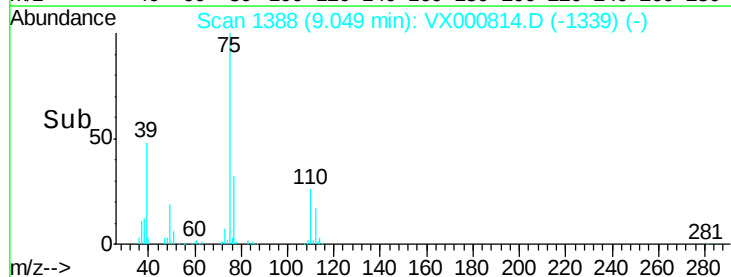
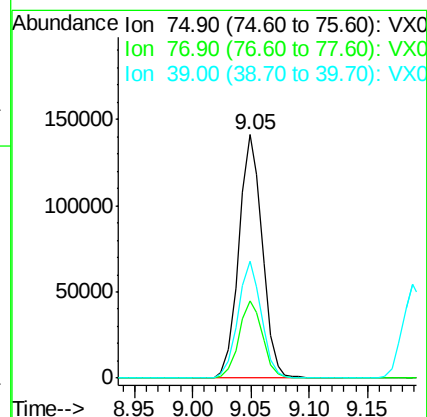
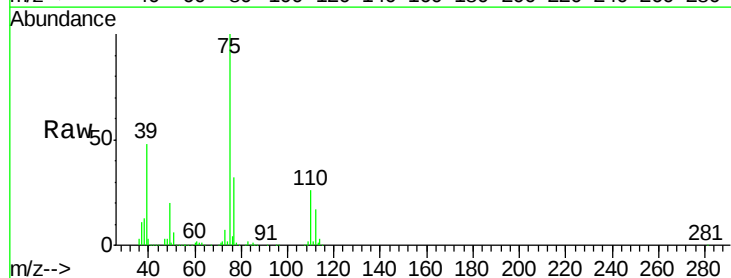
Tgt Ion: 75 Resp: 199003

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 47.9 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 51.37 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

Tgt Ion: 97 Resp: 130804

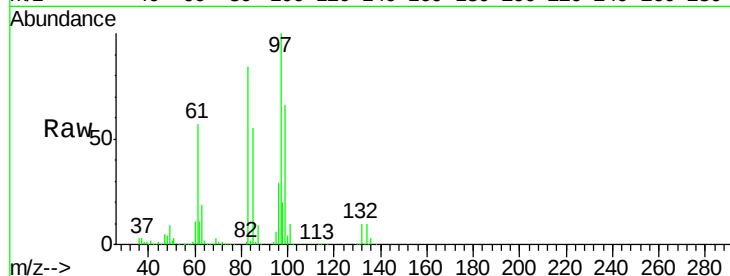
Ion Ratio Lower Upper

97 100

83 84.4 67.6 101.4

85 54.6 43.8 65.6

99 65.6 50.2 75.4

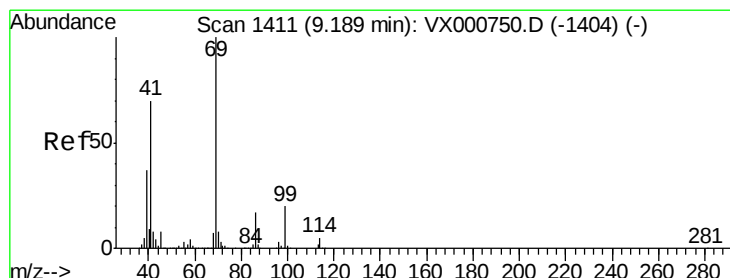
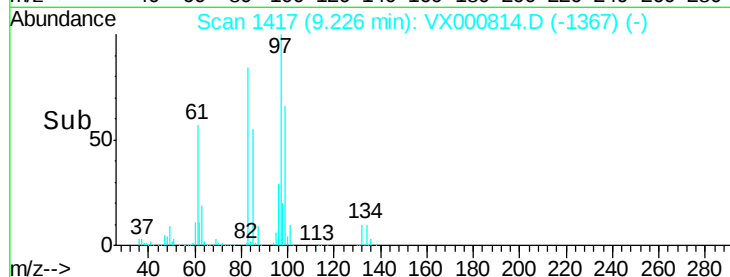
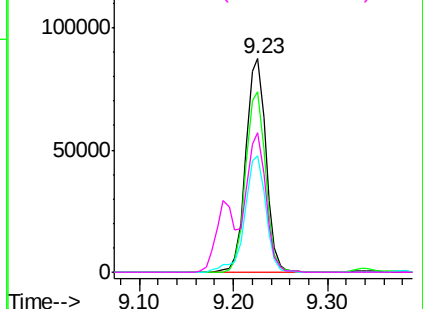


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.24 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

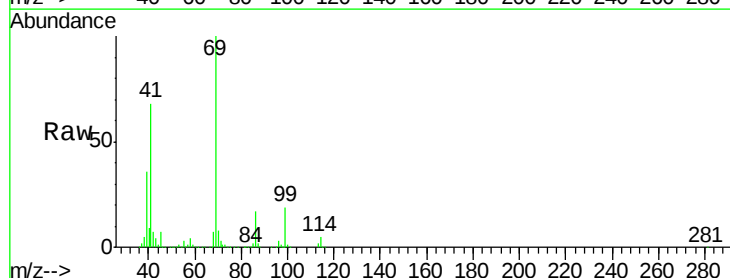
Tgt Ion: 69 Resp: 209160

Ion Ratio Lower Upper

69 100

41 68.5 55.6 83.4

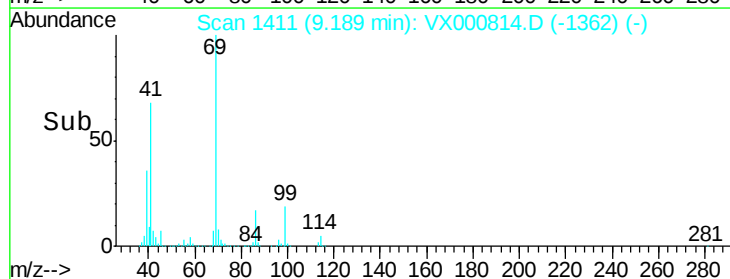
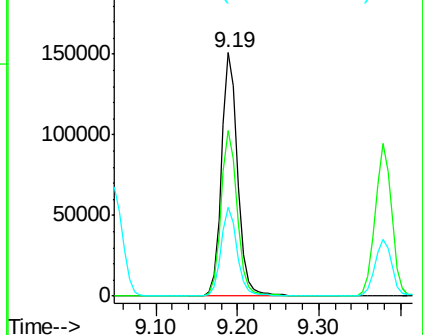
39 36.3 30.3 45.5

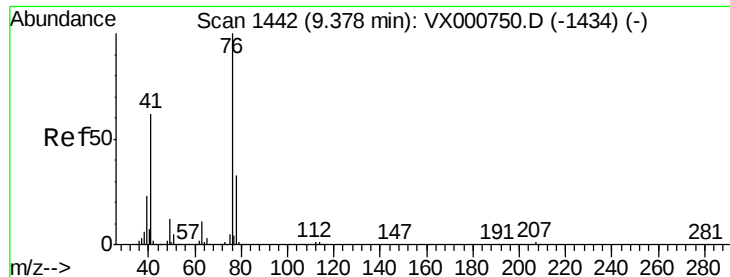


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.53 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

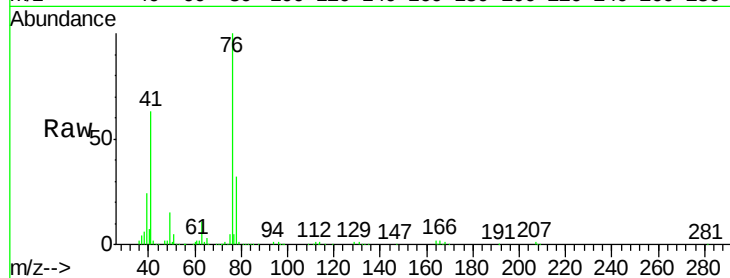
MW-101MSD

Tgt Ion: 76 Resp: 212694

Ion Ratio Lower Upper

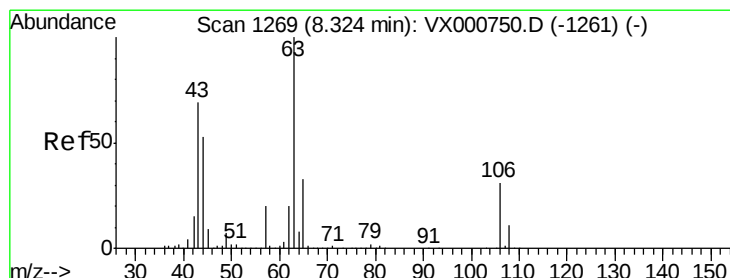
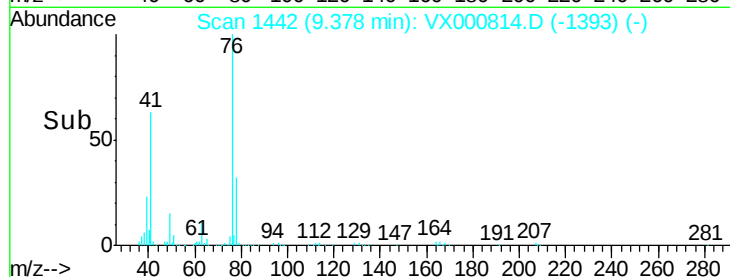
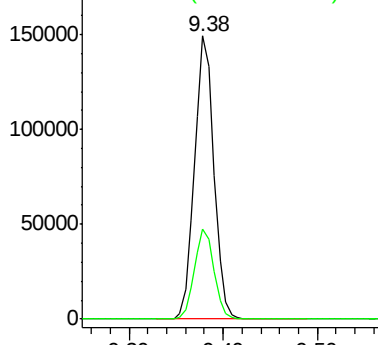
76 100

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: 0.72 ug/l

RT: 8.27 min Scan# 1261

Delta R.T. -0.05 min

Lab File: VX000814.D

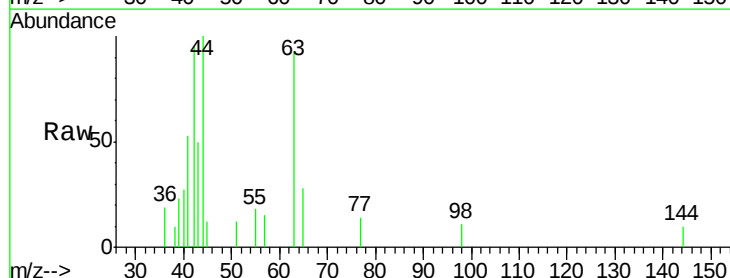
Acq: 12 Apr 2018 20:22

Tgt Ion: 63 Resp: 1313

Ion Ratio Lower Upper

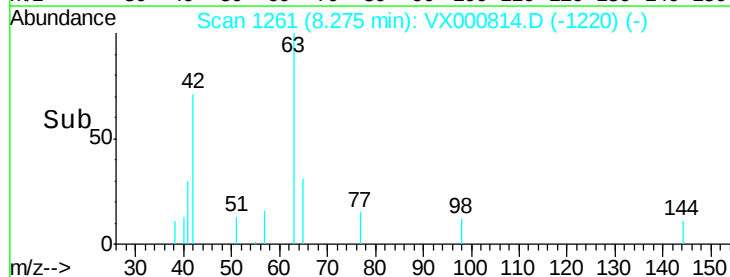
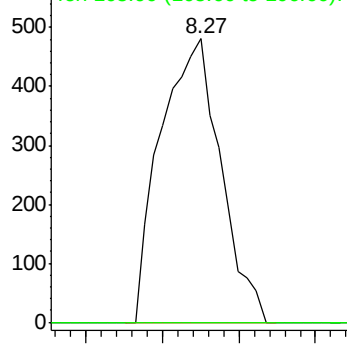
63 100

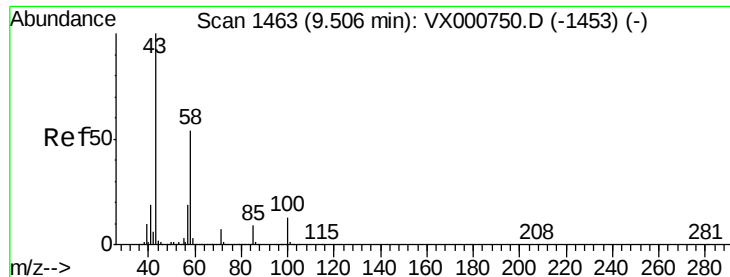
106 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

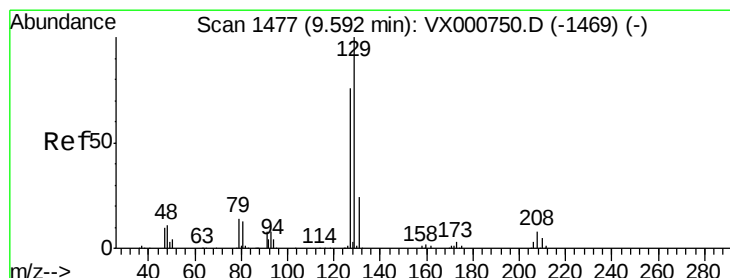
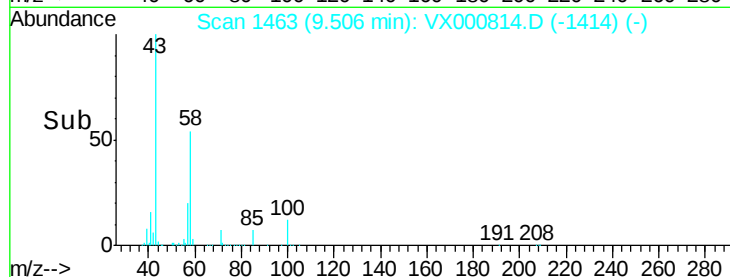
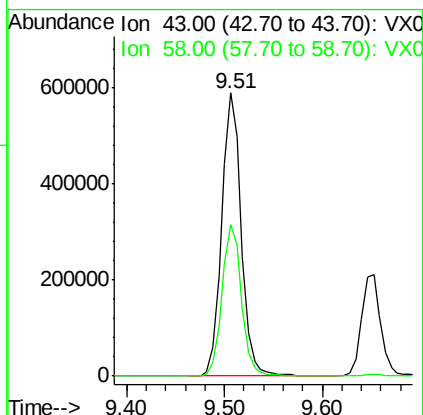
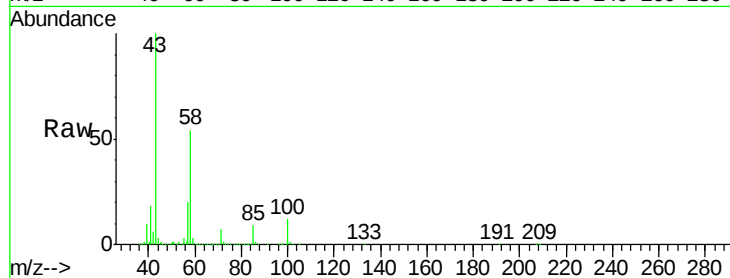




#59
2-Hexanone
Concen: 307.96 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

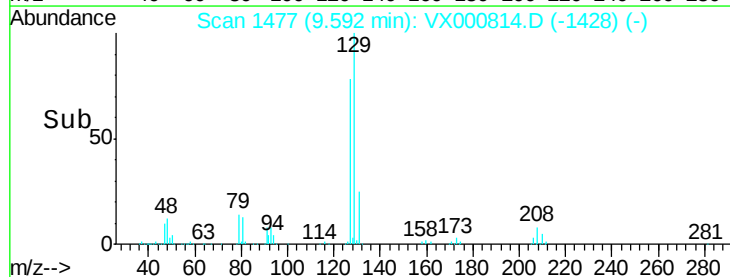
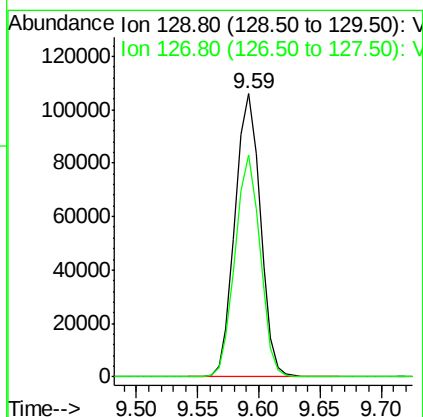
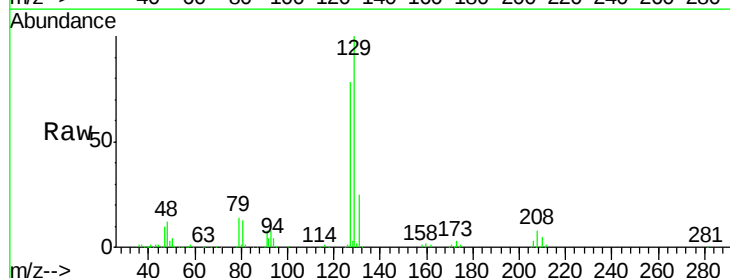
Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

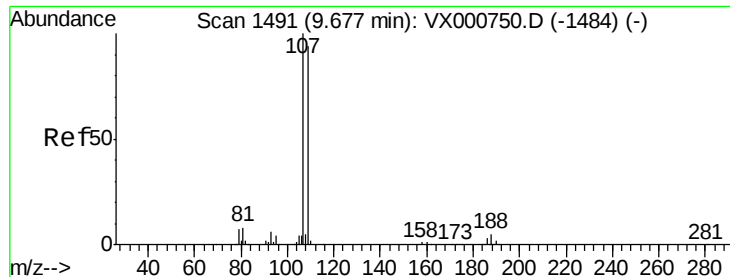
Tgt Ion: 43 Resp: 813387
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.5



#60
Dibromochloromethane
Concen: 49.95 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion: 129 Resp: 152205
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.33 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

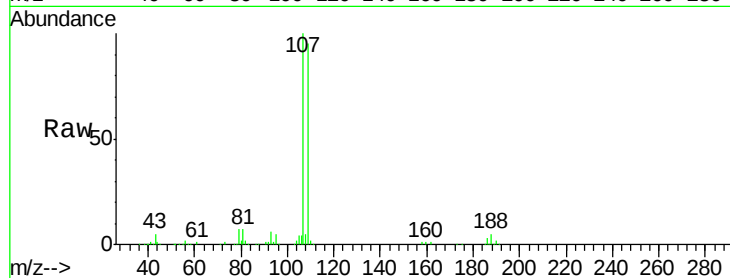
MW-101MSD

Tgt Ion: 107 Resp: 141362

Ion Ratio Lower Upper

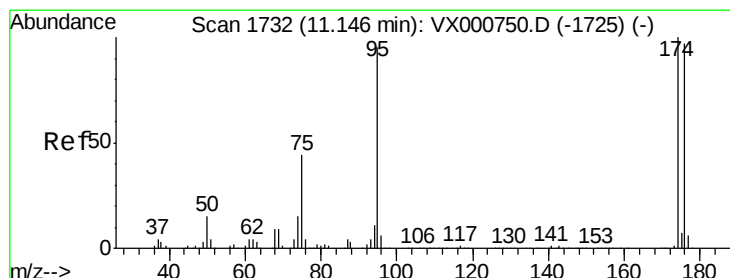
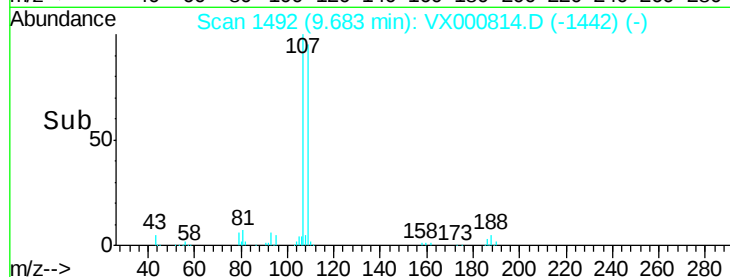
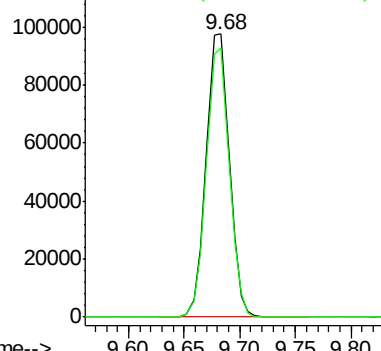
107 100

109 94.4 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: 47.88 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

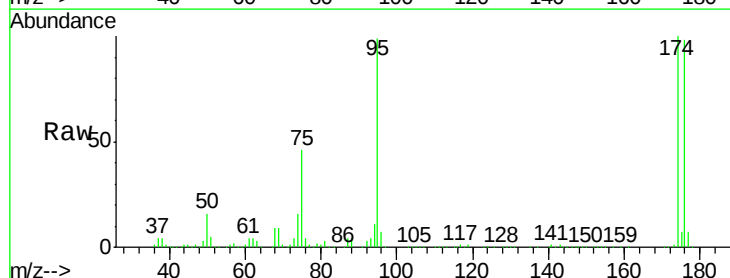
Tgt Ion: 95 Resp: 179564

Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

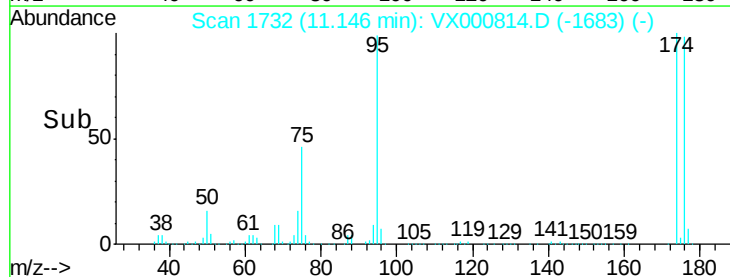
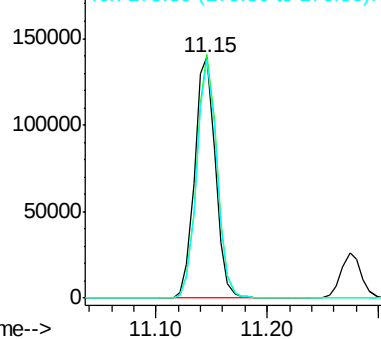
176 96.6 0.0 194.4

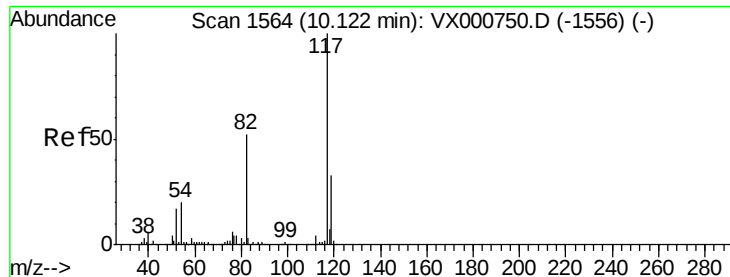


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

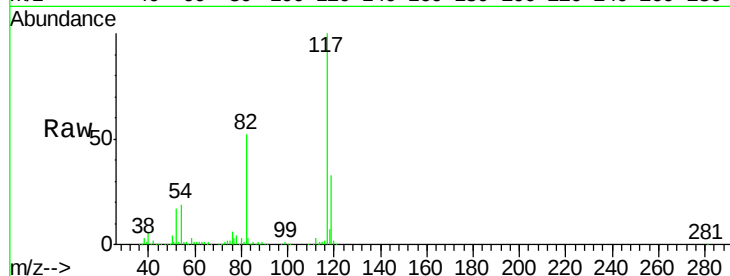
Tgt Ion:117 Resp: 298344

Ion Ratio Lower Upper

117 100

82 51.6 41.9 62.9

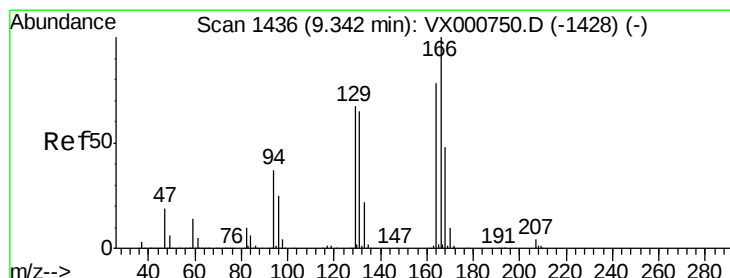
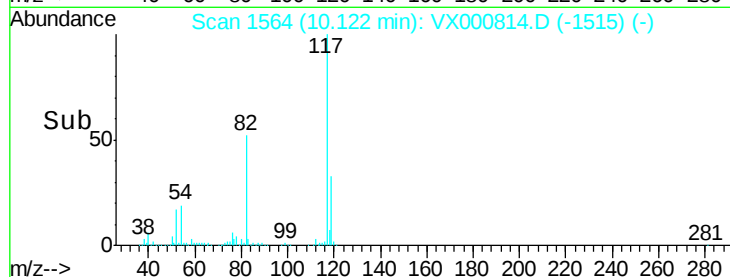
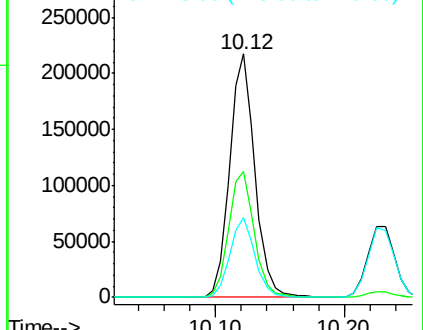
119 32.6 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.90 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion:164 Resp: 136816

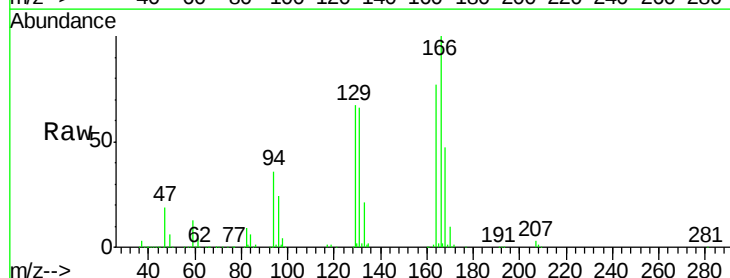
Ion Ratio Lower Upper

164 100

166 129.3 102.8 154.2

129 86.3 68.5 102.7

131 85.1 66.6 100.0

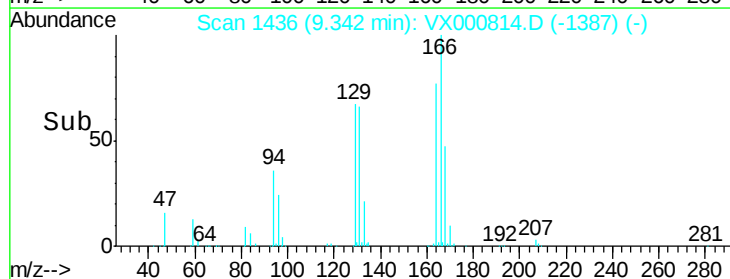
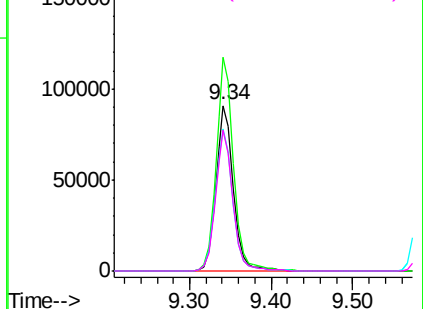


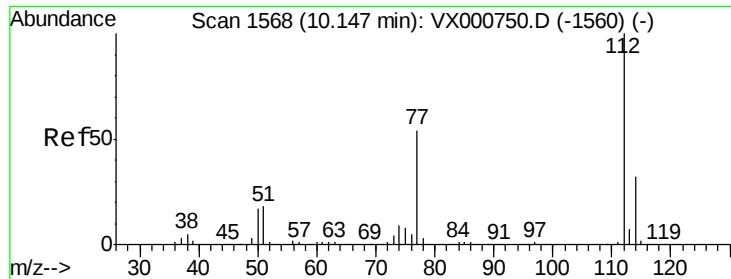
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

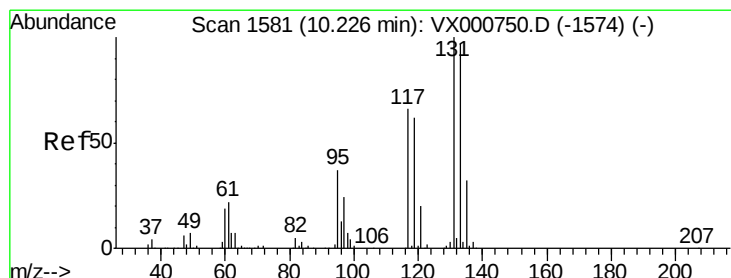
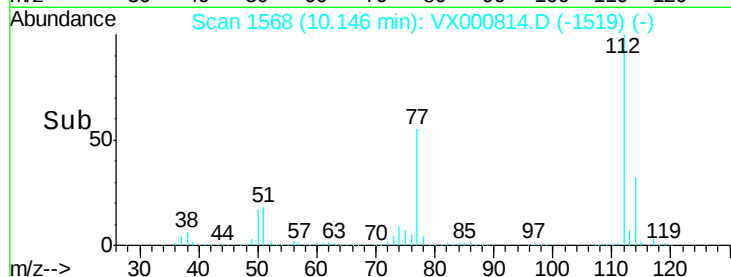
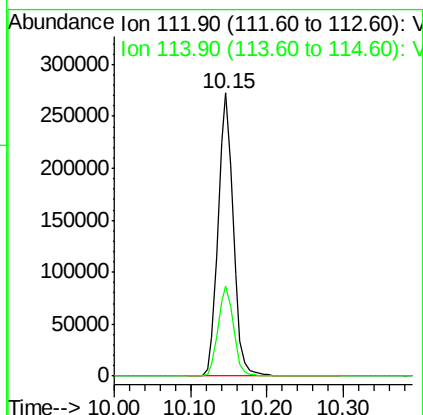
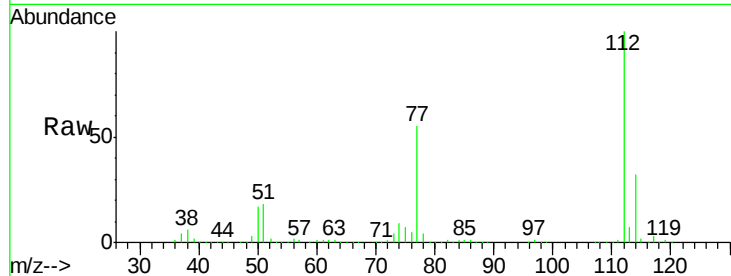




#65
Chlorobenzene
Concen: 49.78 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

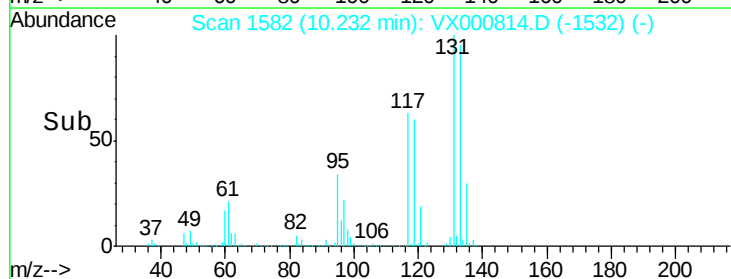
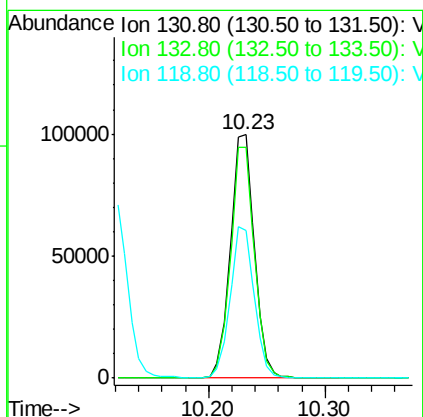
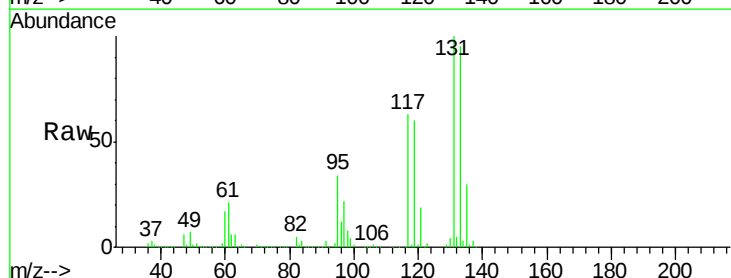
Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

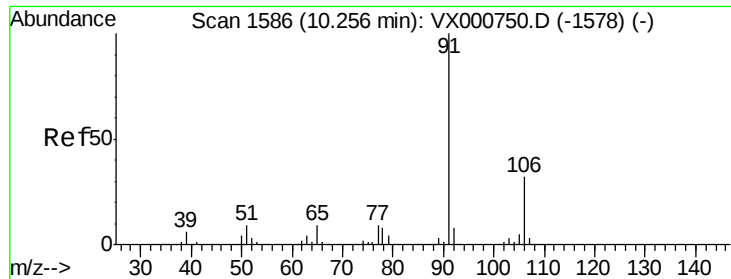
Tgt Ion:112 Resp: 373637
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.57 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion:131 Resp: 142842
Ion Ratio Lower Upper
131 100
133 94.5 48.3 144.9
119 62.1 31.4 94.0





#67

Ethyl Benzene

Concen: 49.24 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

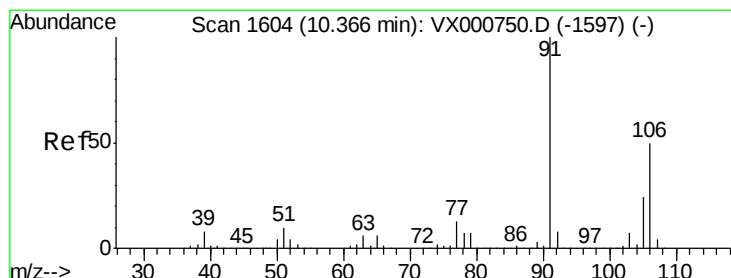
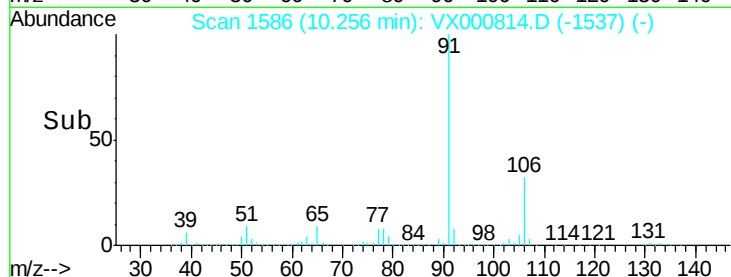
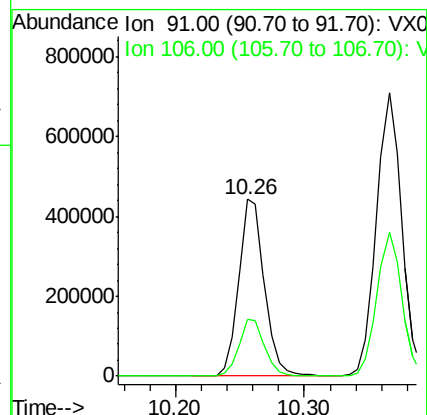
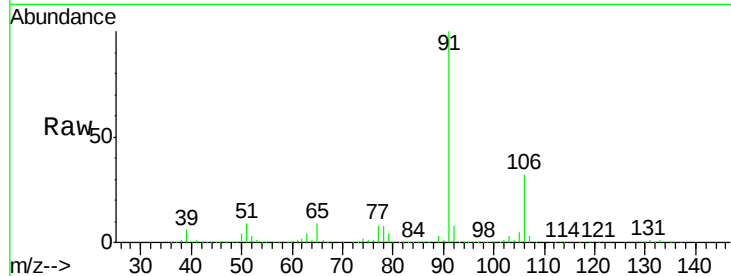
MW-101MSD

Tgt Ion: 91 Resp: 616158

Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0



#68

m/p-Xylenes

Concen: 98.19 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000814.D

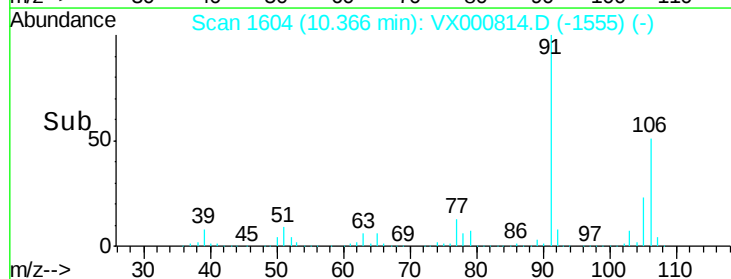
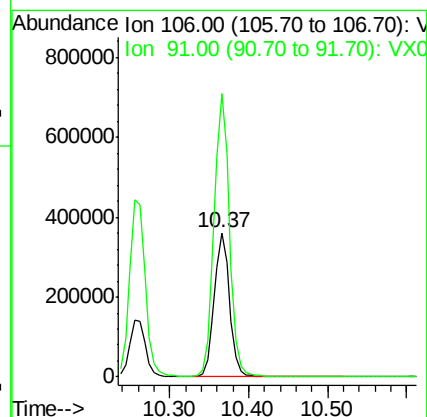
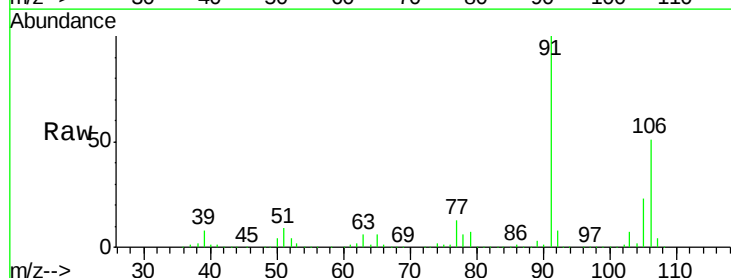
Acq: 12 Apr 2018 20:22

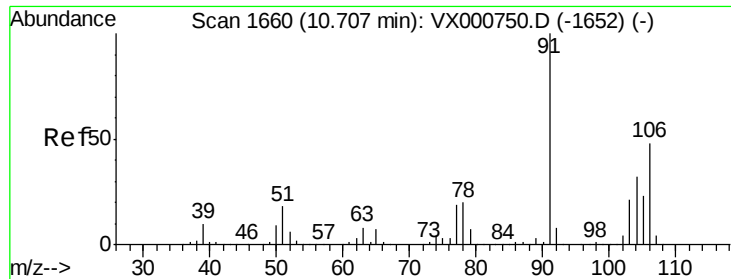
Tgt Ion: 106 Resp: 484952

Ion Ratio Lower Upper

106 100

91 198.2 159.3 238.9

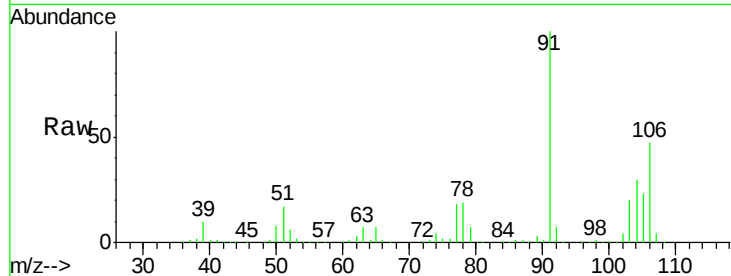




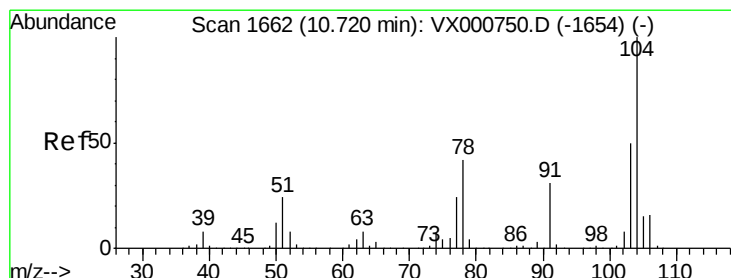
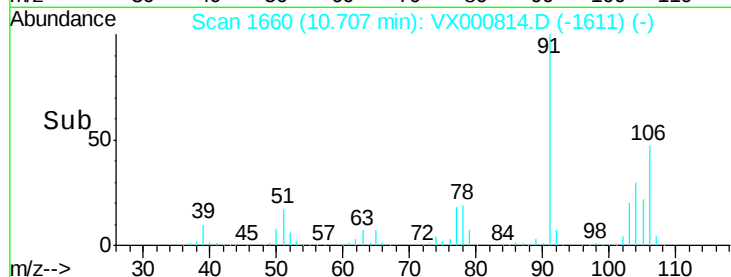
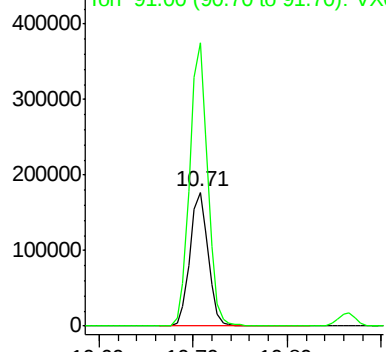
#69
o-Xylene
Concen: 49.95 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-101MSD

Tgt Ion:106 Resp: 237753
Ion Ratio Lower Upper
106 100
91 209.6 105.0 315.0

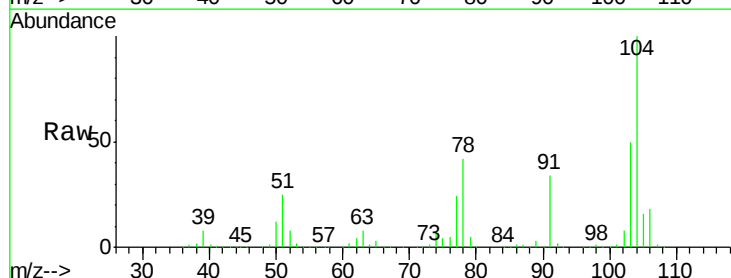


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

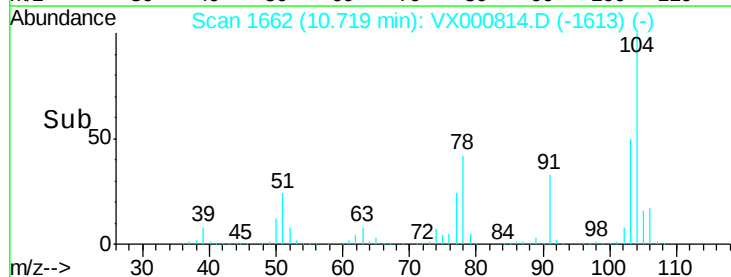
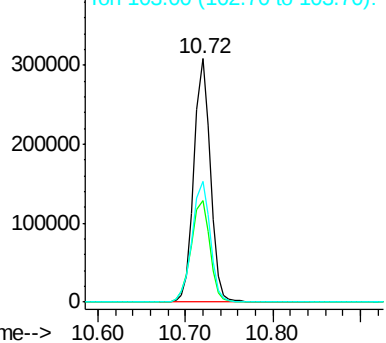


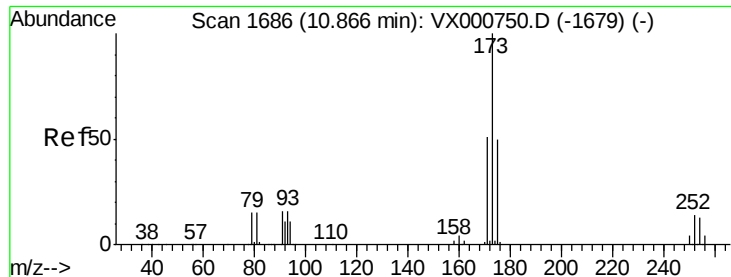
#70
Styrene
Concen: 49.74 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion:104 Resp: 399165
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 55.2 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

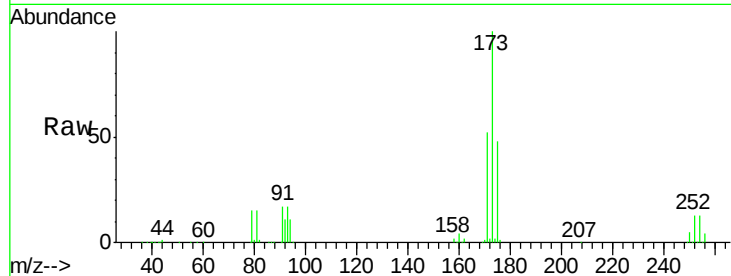




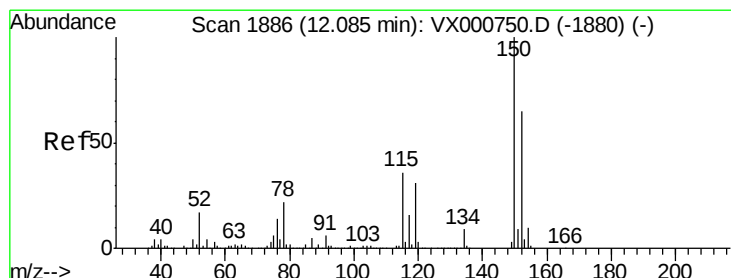
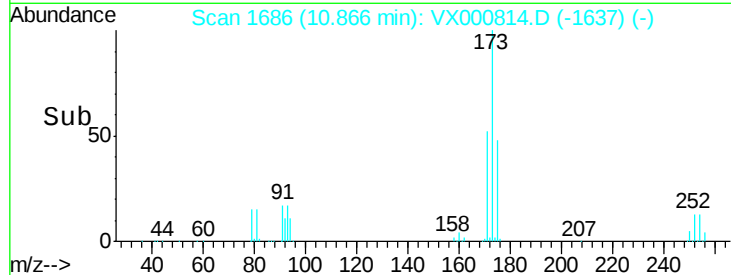
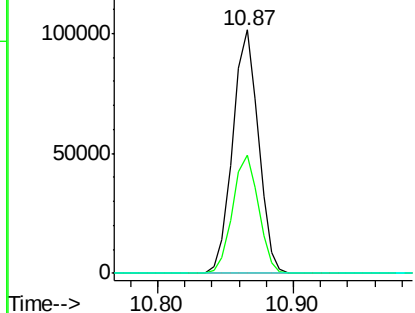
#71
Bromoform
Concen: 51.11 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Instrument :
MSVOA_X
ClientSampled :
MW-101MSD

Tgt Ion:173 Resp: 133685
Ion Ratio Lower Upper
173 100
175 49.1 24.5 73.5
254 0.2 0.2 0.2

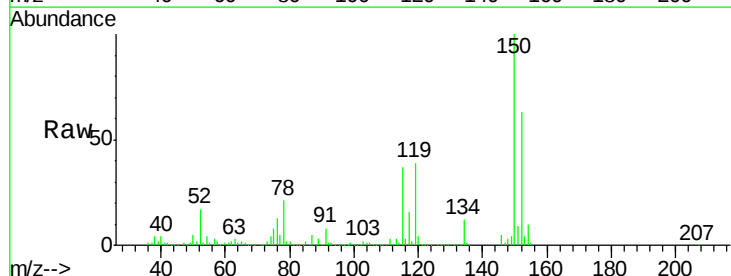


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

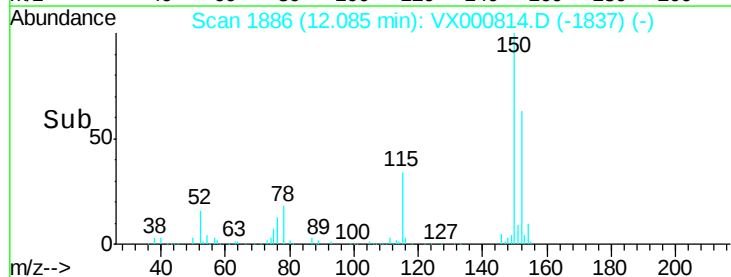
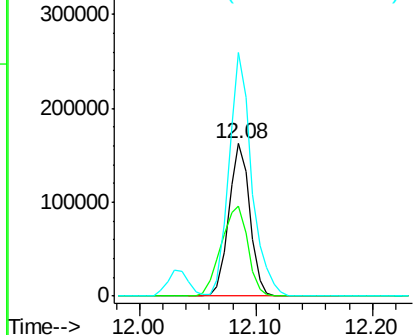


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000814.D
Acq: 12 Apr 2018 20:22

Tgt Ion:152 Resp: 202634
Ion Ratio Lower Upper
152 100
115 74.6 37.9 113.7
150 173.3 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: 49.22 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

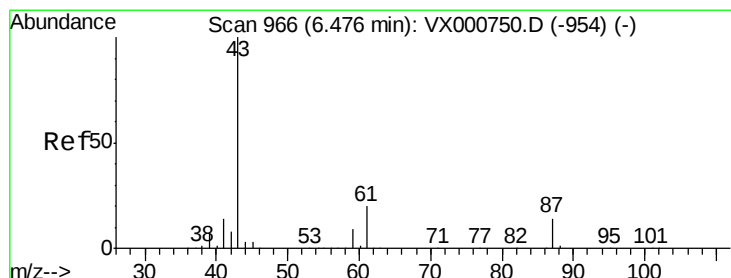
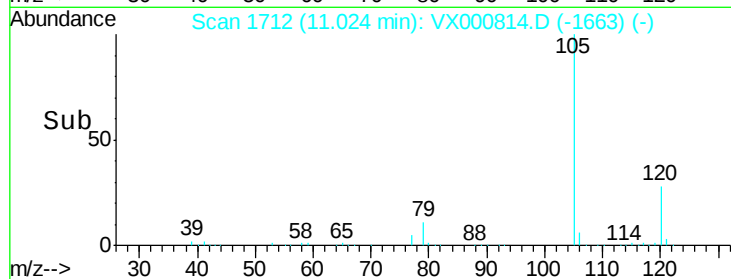
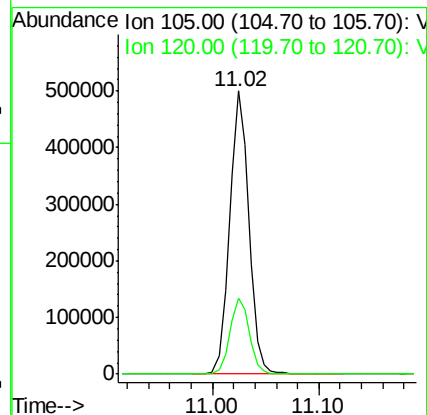
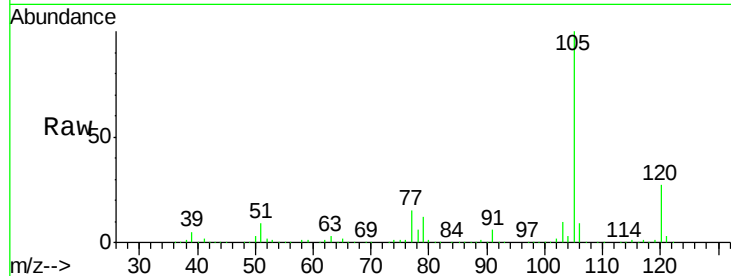
MW-101MSD

Tgt Ion:105 Resp: 632763

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 54.70 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Tgt Ion: 43 Resp: 316654

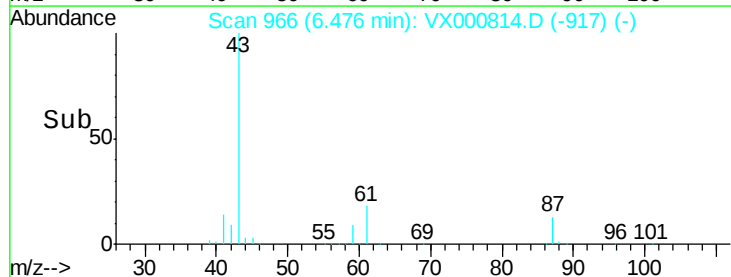
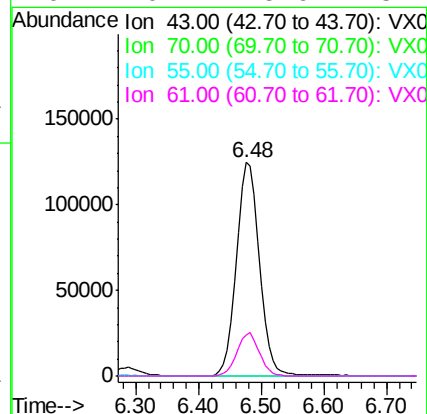
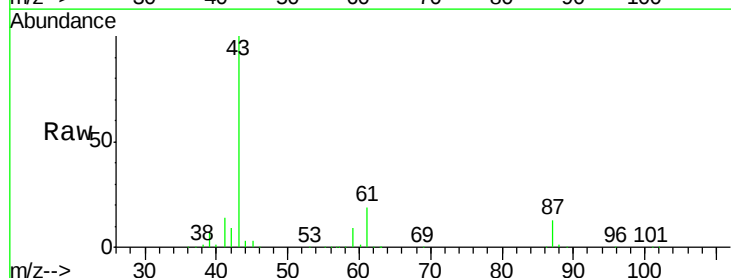
Ion Ratio Lower Upper

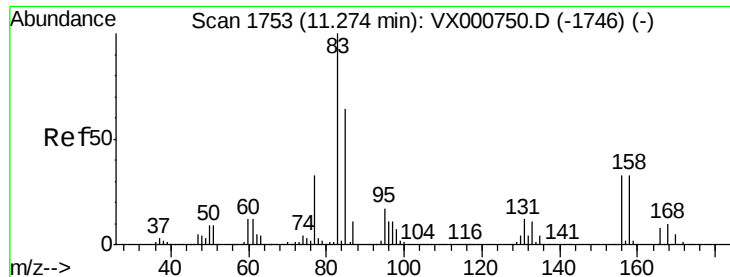
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 19.7 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.59 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

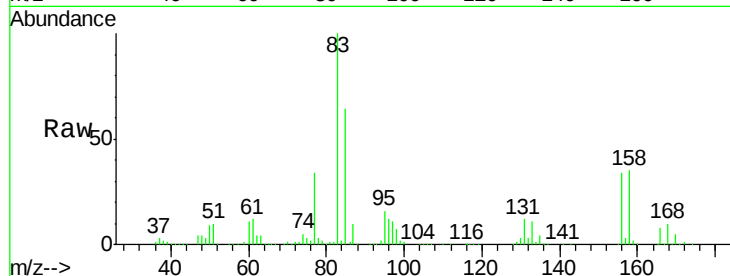
Tgt Ion: 83 Resp: 203669

Ion Ratio Lower Upper

83 100

131 11.8 6.0 18.0

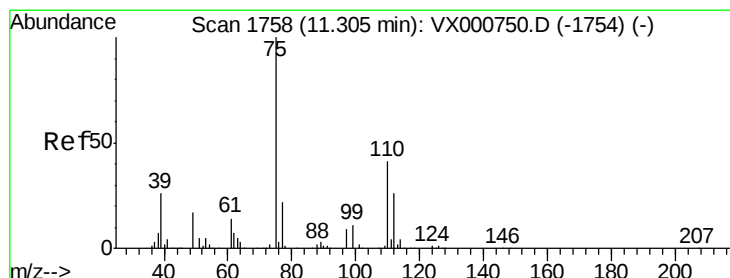
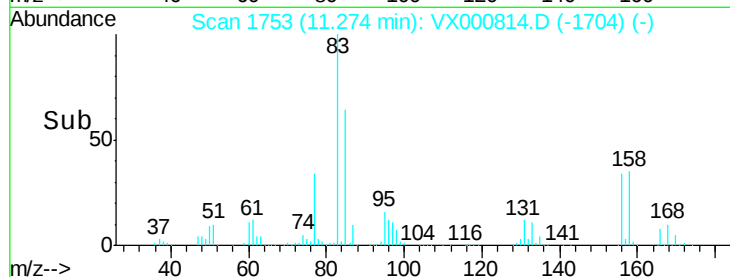
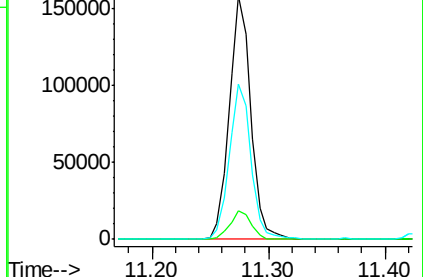
85 64.3 32.3 96.8



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: 69.72 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000814.D

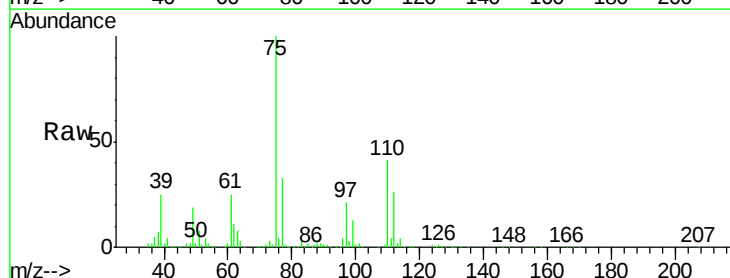
Acq: 12 Apr 2018 20:22

Tgt Ion: 75 Resp: 243639

Ion Ratio Lower Upper

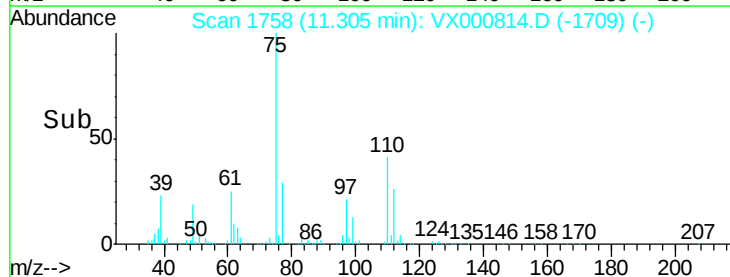
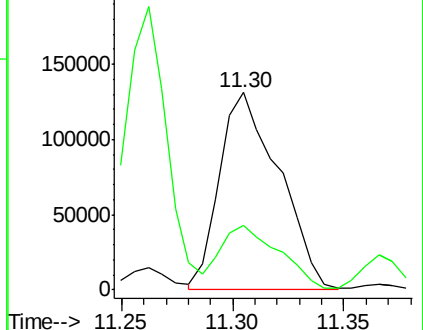
75 100

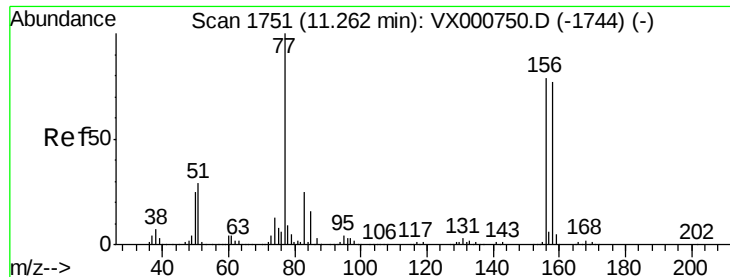
77 32.1 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.42 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

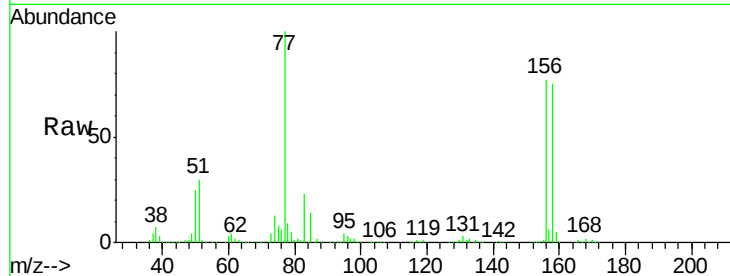
Tgt Ion:156 Resp: 186164

Ion Ratio Lower Upper

156 100

77 132.7 66.0 198.2

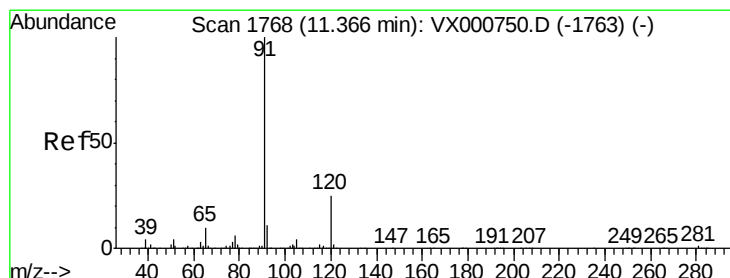
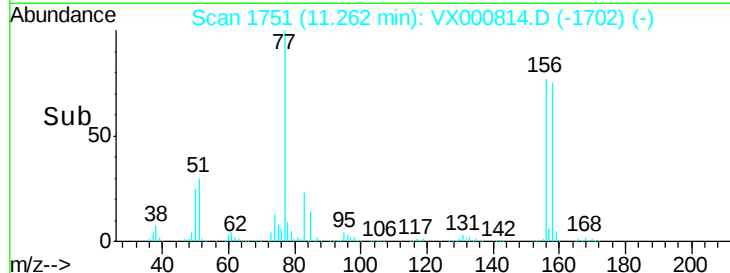
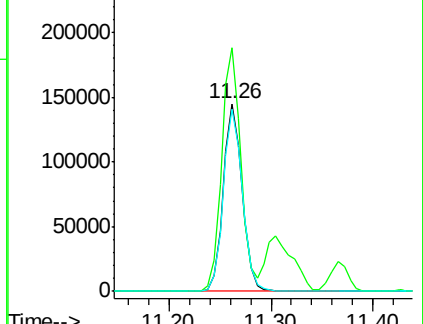
158 98.6 48.8 146.4



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: 48.26 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000814.D

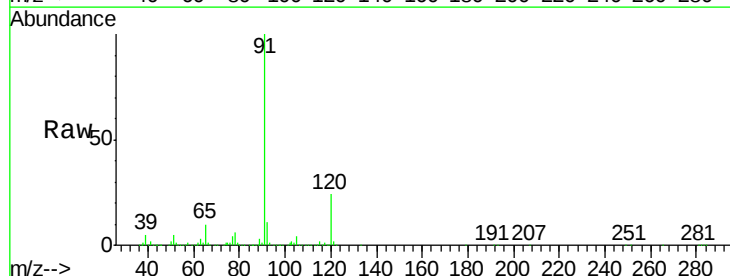
Acq: 12 Apr 2018 20:22

Tgt Ion: 91 Resp: 709555

Ion Ratio Lower Upper

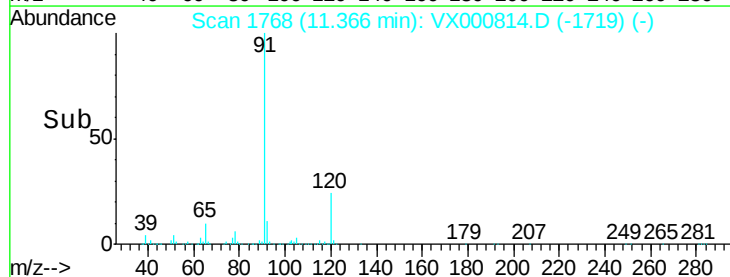
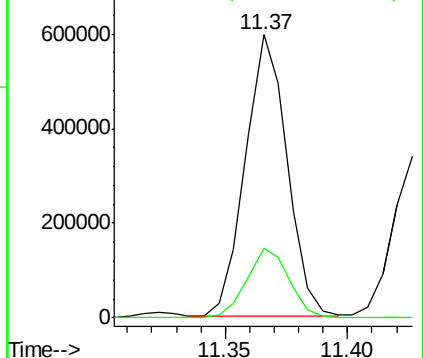
91 100

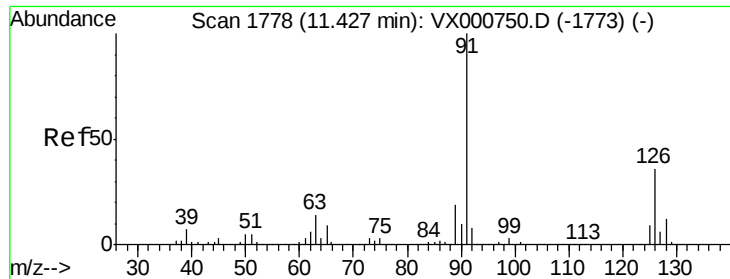
120 25.2 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

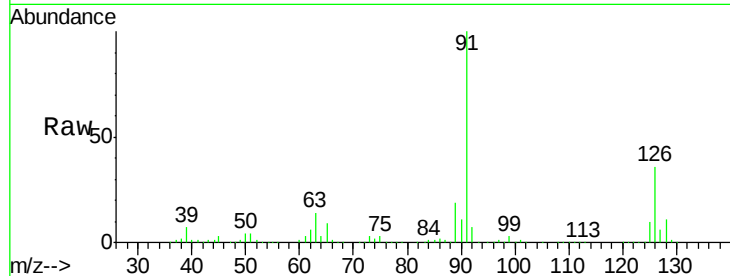
MW-101MSD

Tgt Ion: 91 Resp: 423054

Ion Ratio Lower Upper

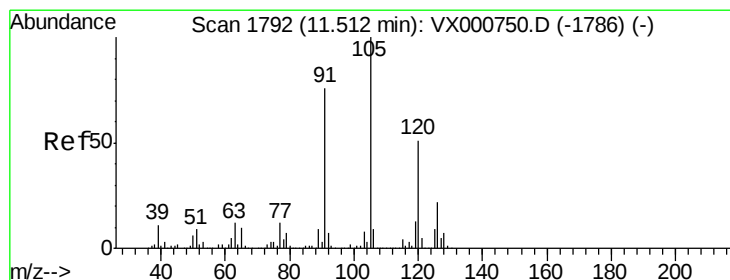
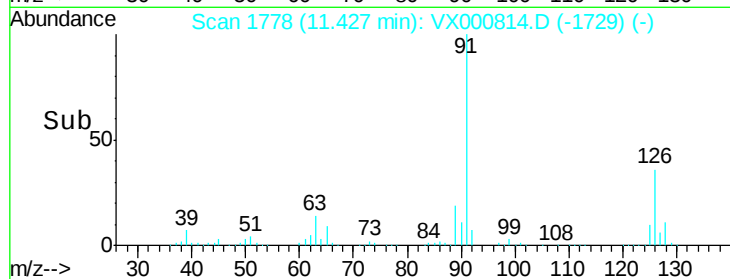
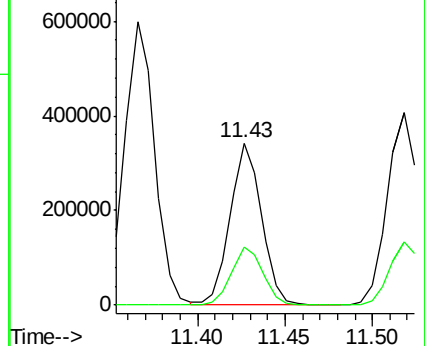
91 100

126 36.9 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.84 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000814.D

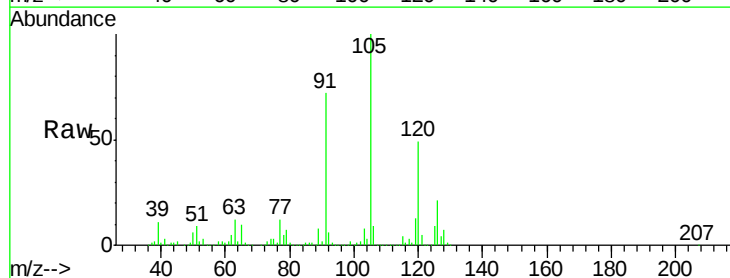
Acq: 12 Apr 2018 20:22

Tgt Ion: 105 Resp: 539937

Ion Ratio Lower Upper

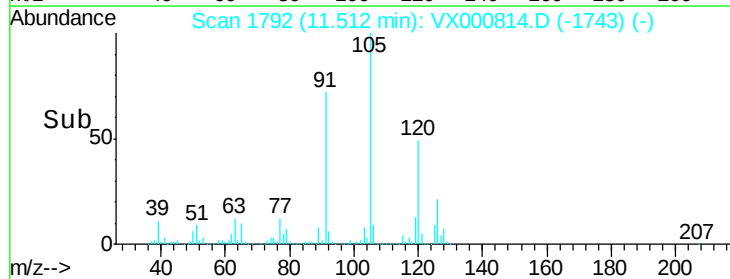
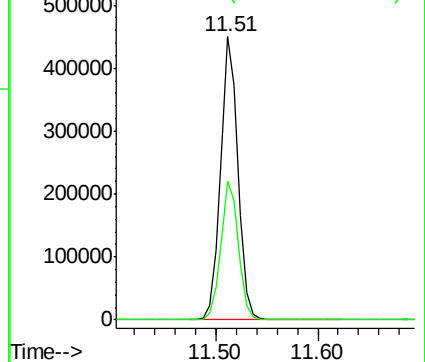
105 100

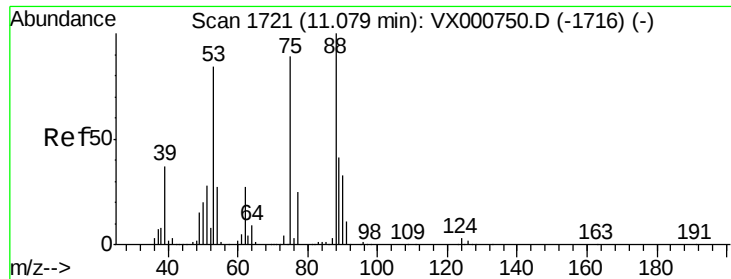
120 49.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.75 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

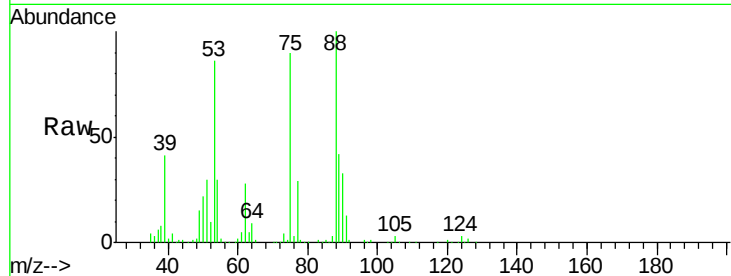
Tgt Ion: 75 Resp: 64469

Ion Ratio Lower Upper

75 100

53 95.4 75.4 113.0

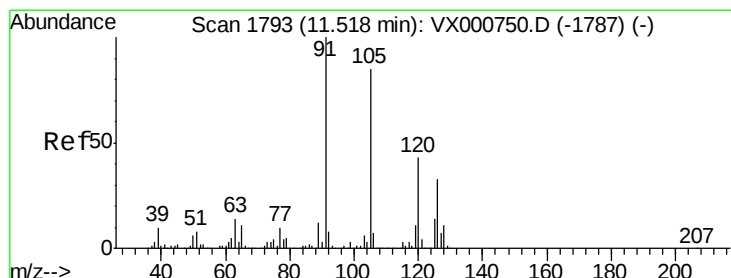
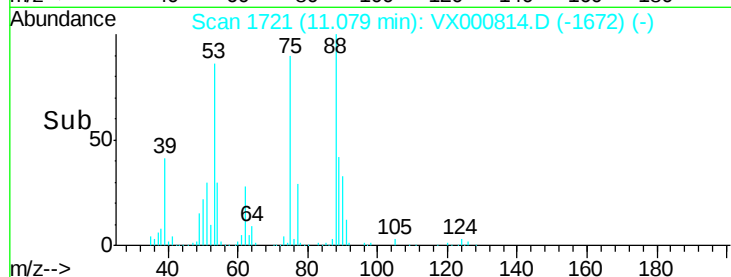
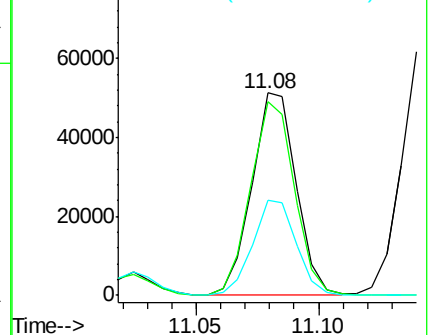
89 46.8 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.35 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000814.D

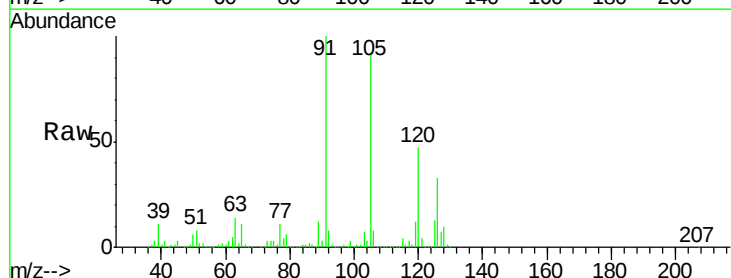
Acq: 12 Apr 2018 20:22

Tgt Ion: 91 Resp: 507184

Ion Ratio Lower Upper

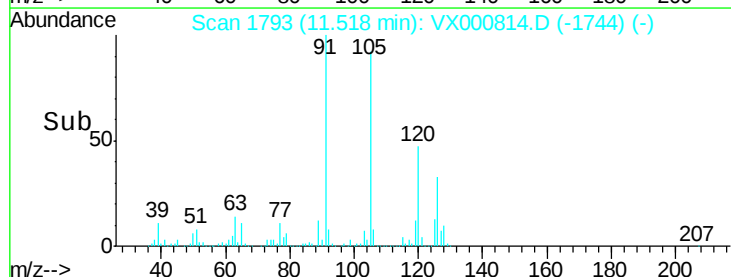
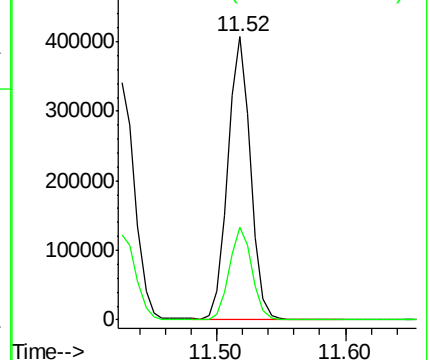
91 100

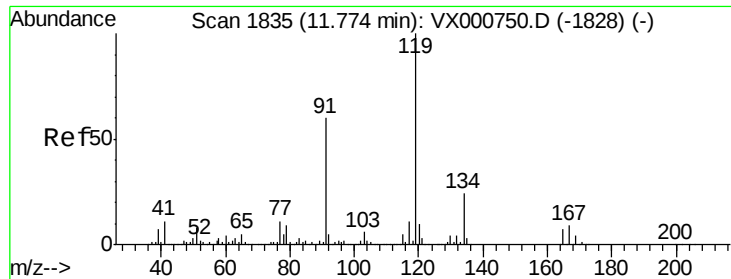
126 32.5 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

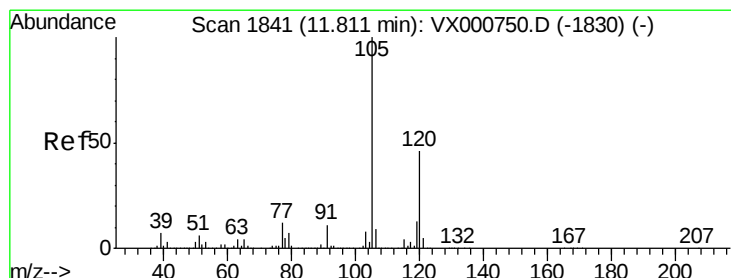
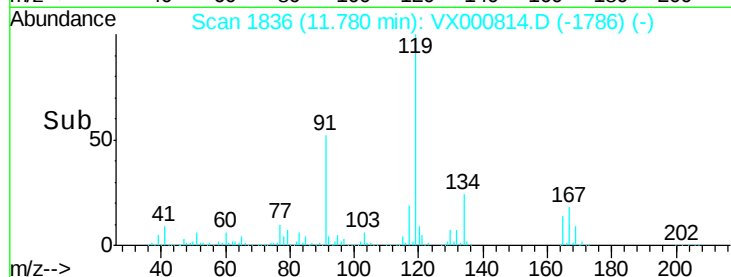
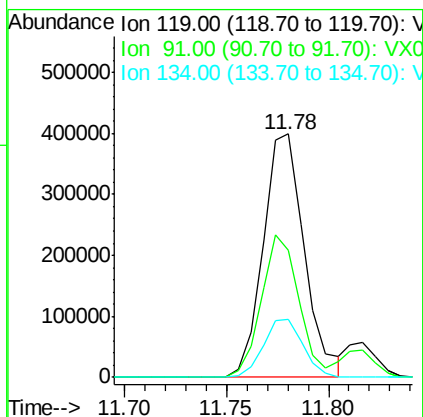
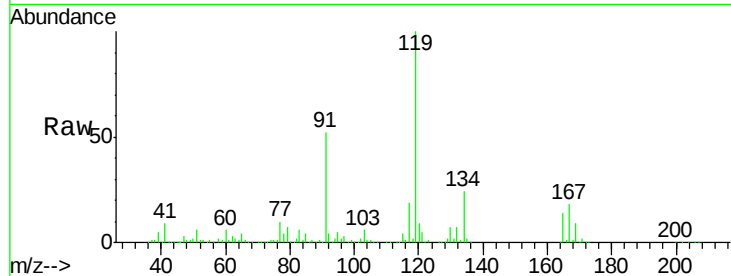




#83
 tert-Butylbenzene
 Concen: 49.76 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

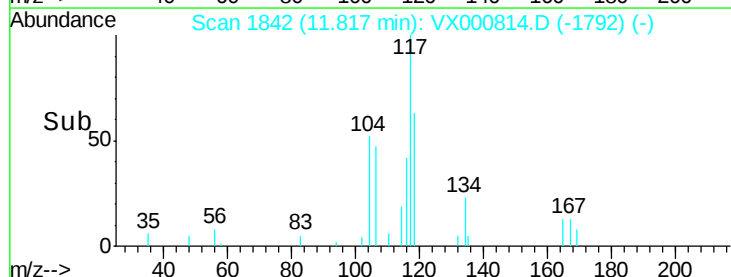
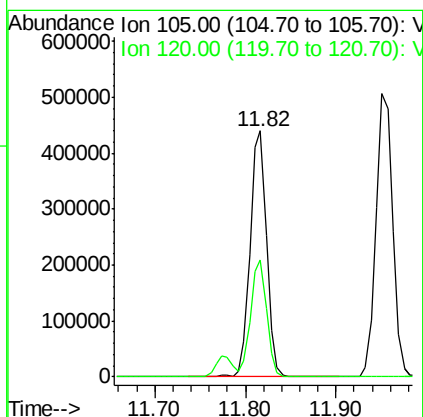
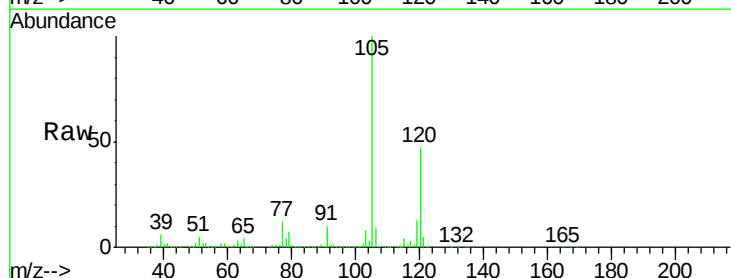
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

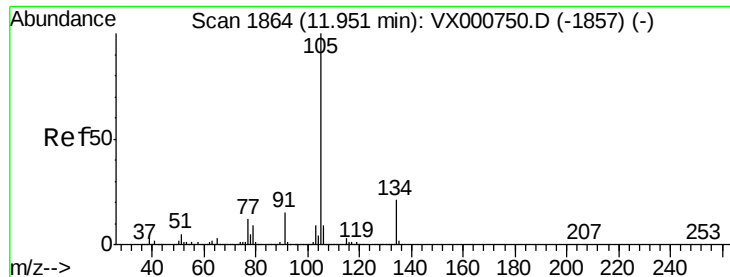
Tgt Ion:119 Resp: 562815
 Ion Ratio Lower Upper
 119 100
 91 53.1 26.8 80.3
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.41 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion:105 Resp: 552484
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3

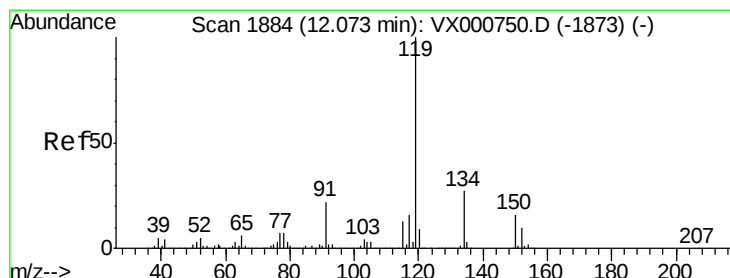
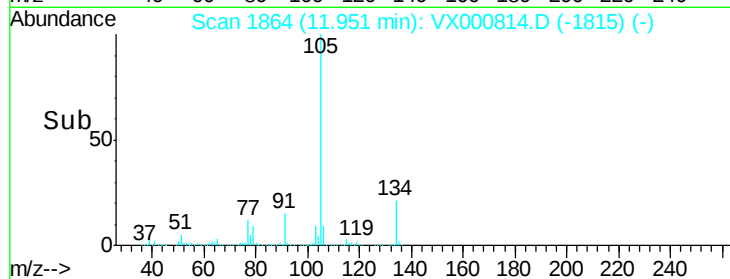
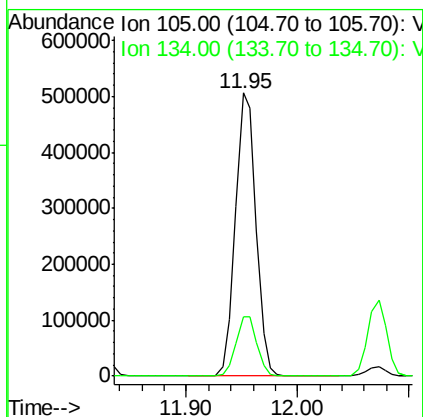
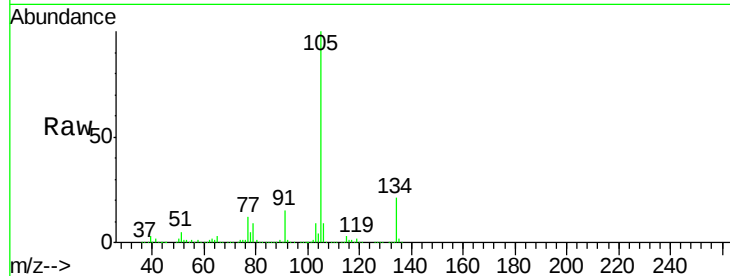




#85
 sec-Butylbenzene
 Concen: 48.42 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

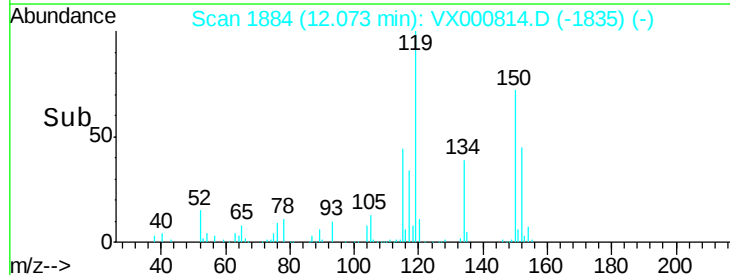
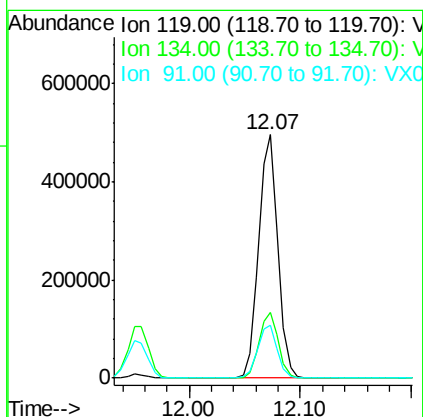
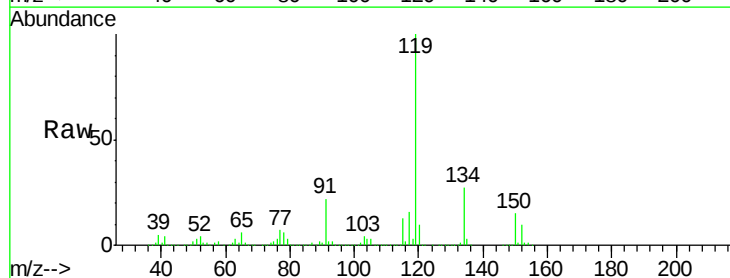
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

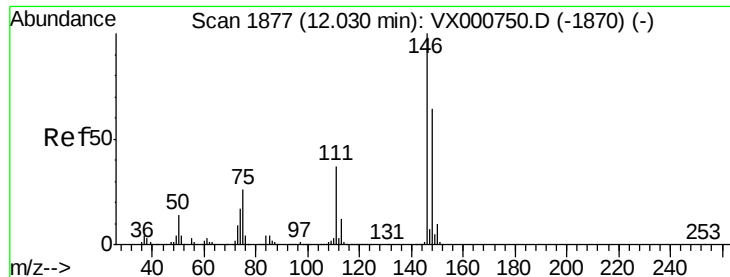
Tgt Ion:105 Resp: 646048
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 47.96 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion:119 Resp: 596750
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 22.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.94 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

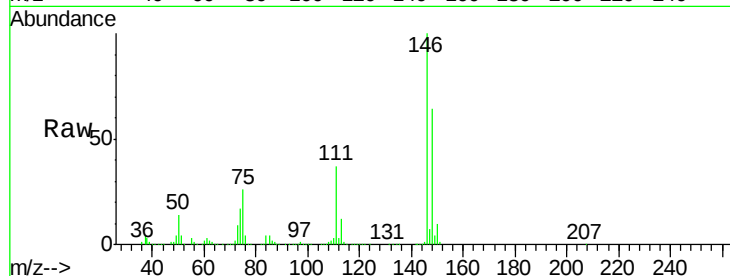
Tgt Ion:146 Resp: 341249

Ion Ratio Lower Upper

146 100

111 36.6 18.3 54.8

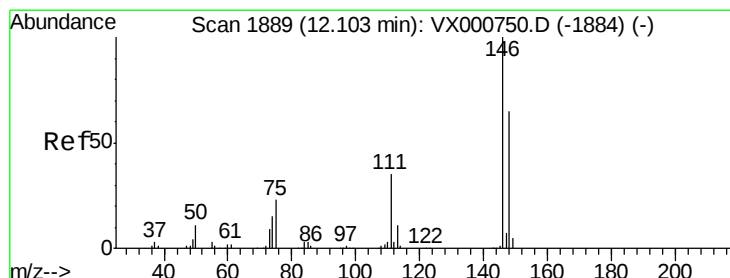
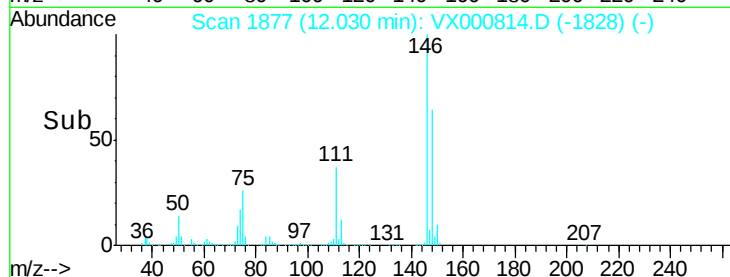
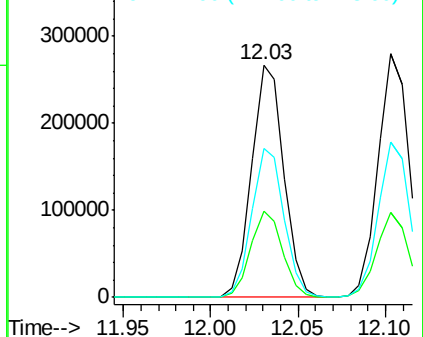
148 64.1 32.2 96.6



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: 48.47 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

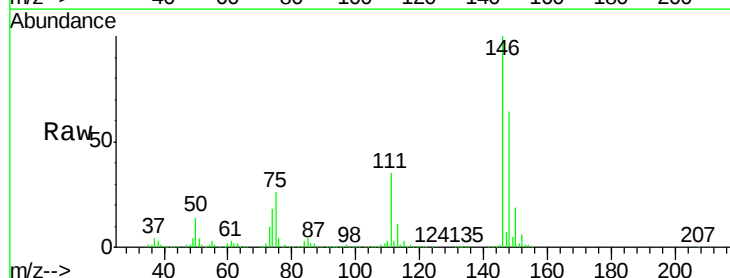
Tgt Ion:146 Resp: 346368

Ion Ratio Lower Upper

146 100

111 35.4 17.9 53.8

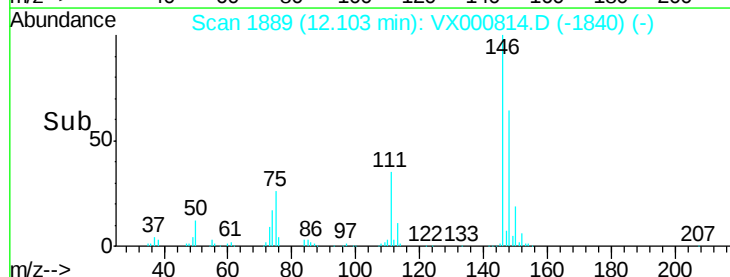
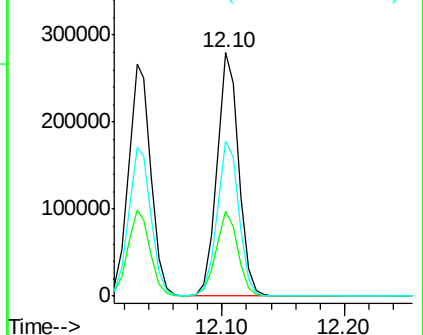
148 64.1 32.6 97.7



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: 47.06 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

MW-101MSD

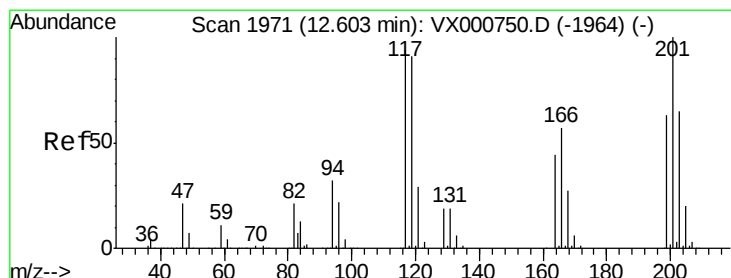
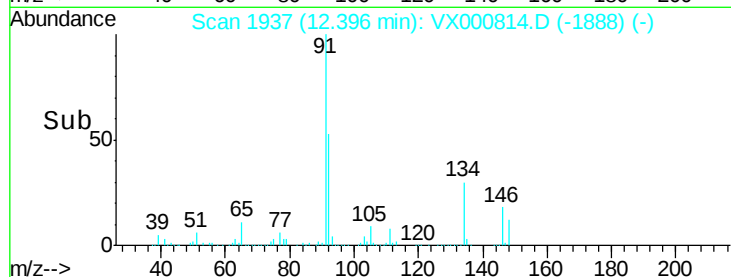
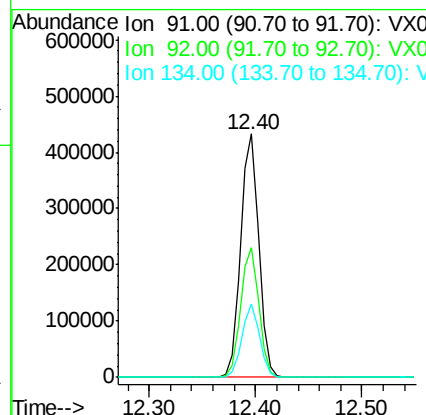
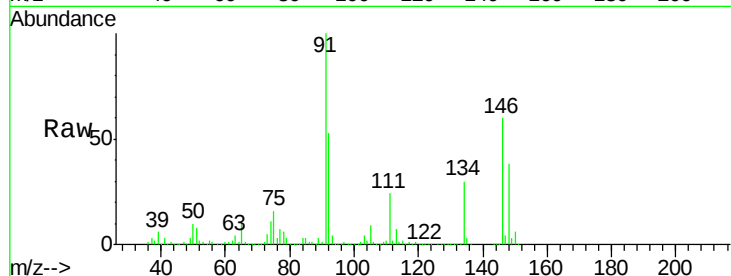
Tgt Ion: 91 Resp: 516848

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

134 29.2 14.5 43.5



#90

Hexachloroethane

Concen: 47.29 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000814.D

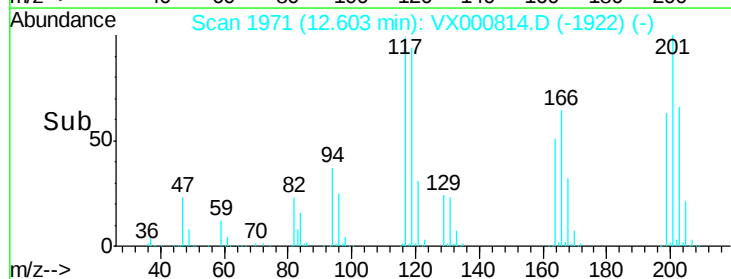
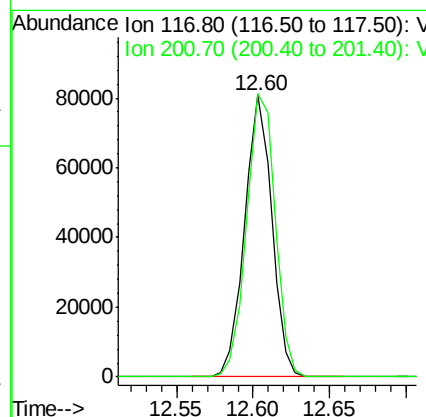
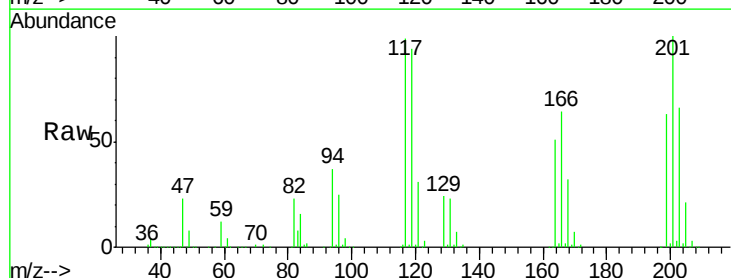
Acq: 12 Apr 2018 20:22

Tgt Ion: 117 Resp: 99573

Ion Ratio Lower Upper

117 100

201 106.2 52.9 158.7

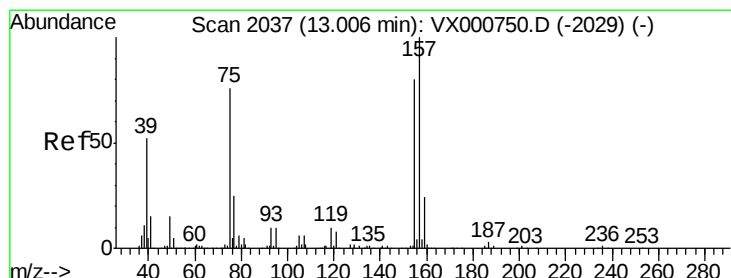
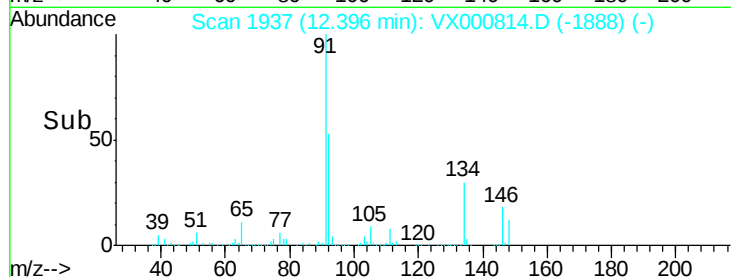
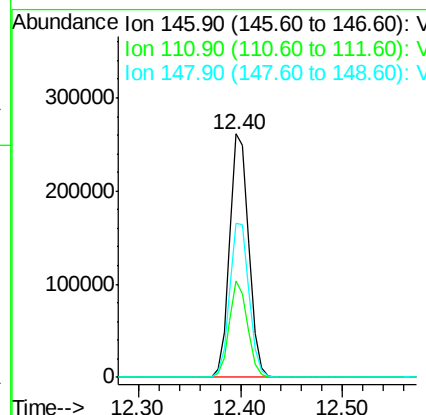
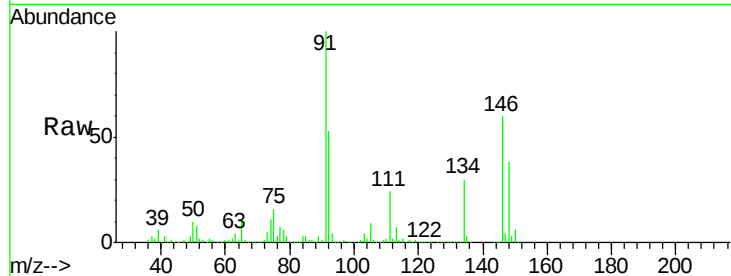




#91
 1,2-Dichlorobenzene
 Concen: 50.04 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

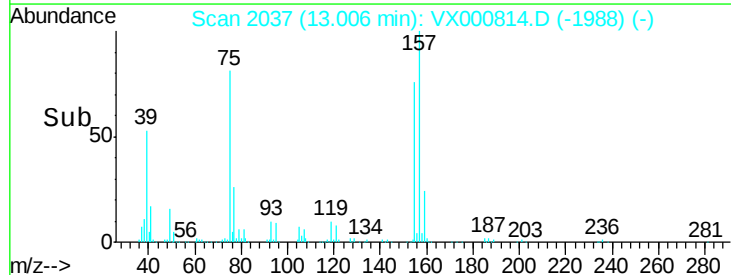
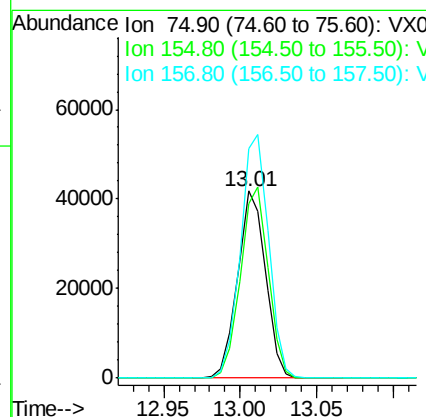
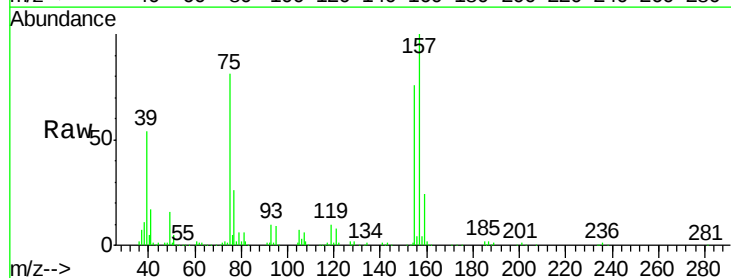
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

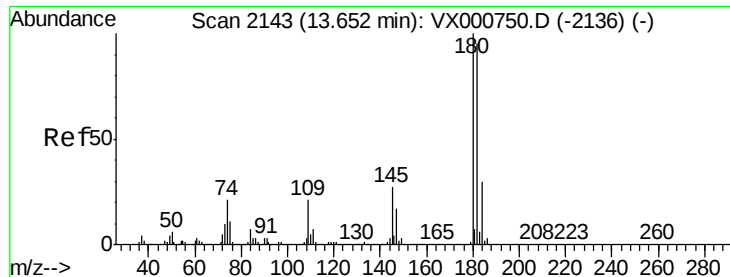
Tgt Ion:146 Resp: 336832
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.7
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.32 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion: 75 Resp: 52647
 Ion Ratio Lower Upper
 75 100
 155 102.1 51.9 155.8
 157 131.7 66.6 199.8

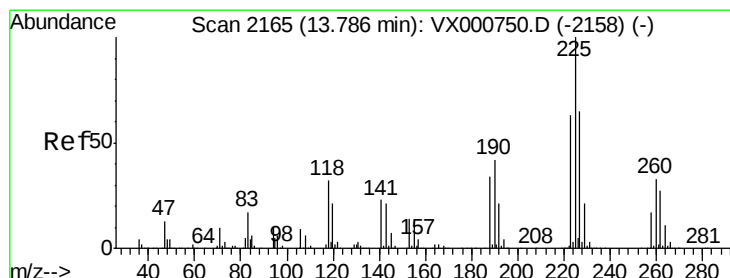
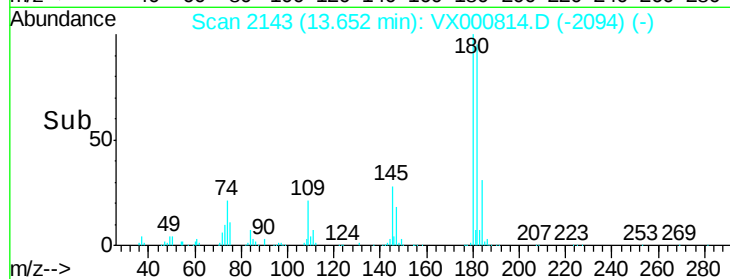
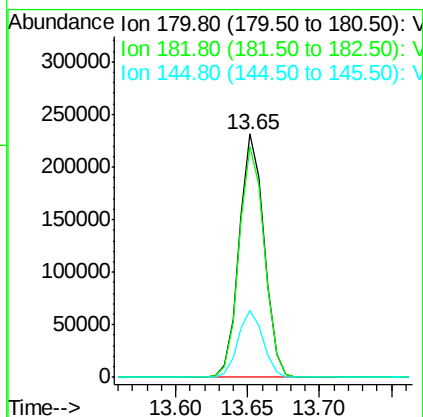
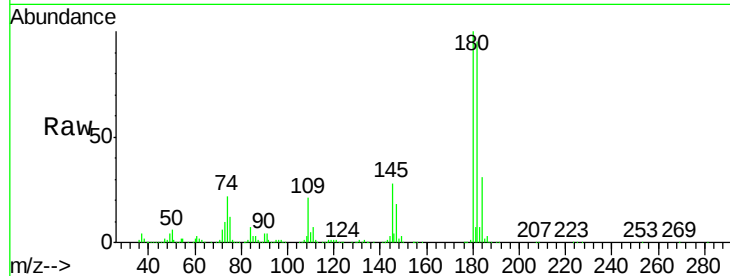




#93
 1,2,4-Trichlorobenzene
 Concen: 48.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

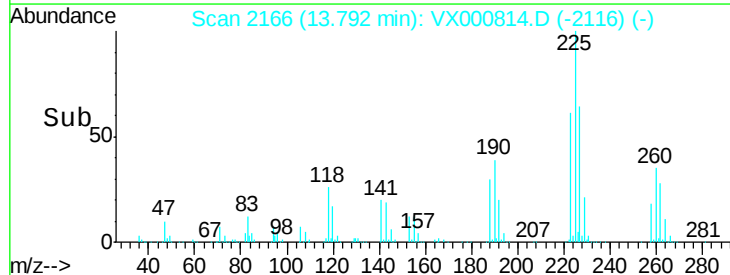
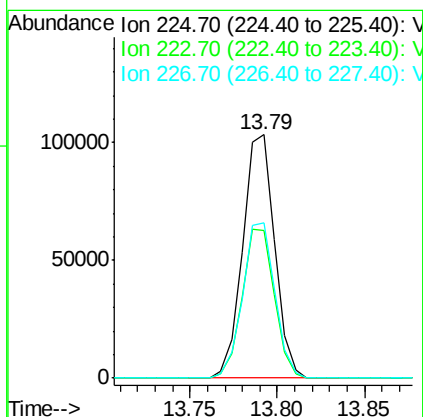
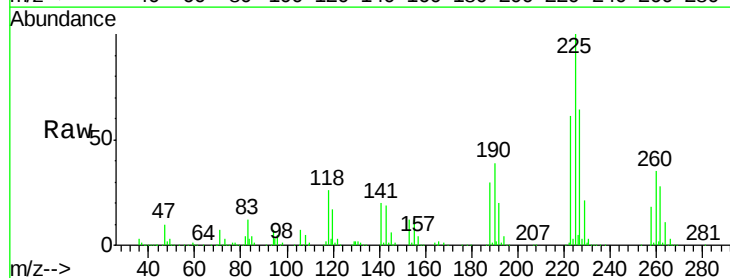
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101MSD

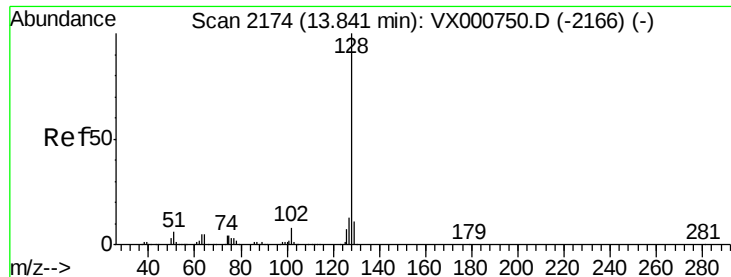
Tgt Ion:180 Resp: 276648
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.5 142.5
 145 27.6 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 46.28 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000814.D
 Acq: 12 Apr 2018 20:22

Tgt Ion:225 Resp: 130726
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.2 93.6
 227 64.3 32.3 96.9





#95

Naphthalene

Concen: 54.30 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-101MSD

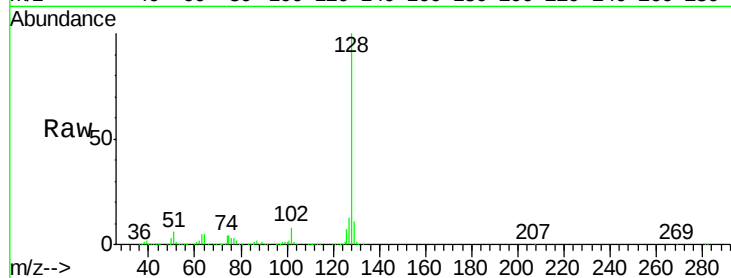
Tgt Ion:128 Resp: 800644

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

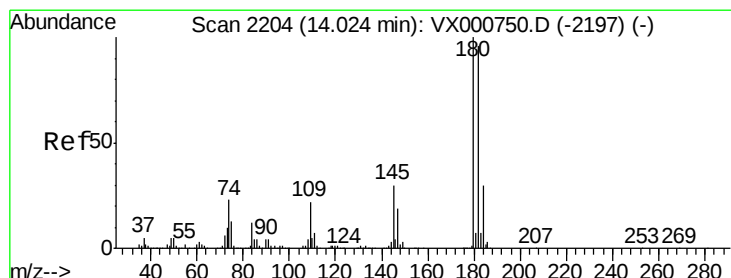
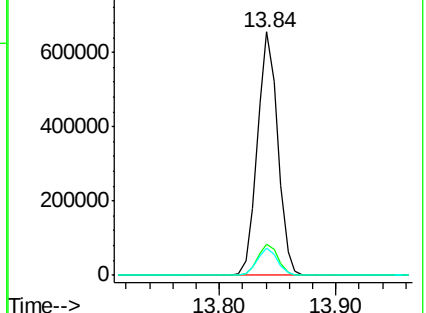
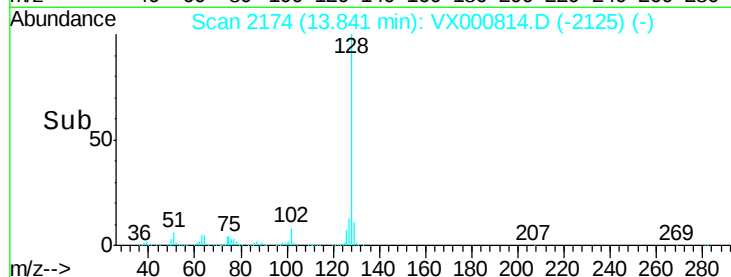
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.04 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000814.D

Acq: 12 Apr 2018 20:22

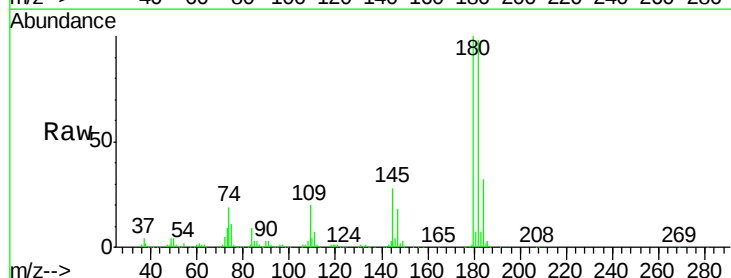
Tgt Ion:180 Resp: 273603

Ion Ratio Lower Upper

180 100

182 97.0 48.4 145.2

145 29.5 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

