

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000744.D
 Acq On : 08 Apr 2018 20:44
 Operator : JC/MD
 Sample : J2190-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

Quant Time: Apr 09 06:45:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	452481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	424315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	170851	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	5.51	113	146089	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.73	98	535292	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.15	95	214941	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131182	45.02	ug/l	100
3) Chloromethane	1.32	50	85556	36.55	ug/l	97
4) Vinyl Chloride	1.41	62	114170	43.37	ug/l	99
5) Bromomethane	1.64	94	33160	22.07	ug/l	100
6) Chloroethane	1.73	64	78498	48.59	ug/l	99
7) Trichlorofluoromethane	1.93	101	194271	45.06	ug/l	99
8) Diethyl Ether	2.19	74	75801	51.00	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	113358	44.90	ug/l	98
10) Methyl Iodide	2.51	142	25842	13.84	ug/l	98
11) Tert butyl alcohol	3.07	59	124746	198.16	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106494	46.97	ug/l	95
13) Acrolein	2.30	56	67503	245.00	ug/l	98
14) Allyl chloride	2.73	41	203559	44.41	ug/l	98
15) Acrylonitrile	3.15	53	301162	228.25	ug/l	99
16) Acetone	2.45	43	243889	210.16	ug/l	98
17) Carbon Disulfide	2.57	76	250758	49.65	ug/l	100
18) Methyl Acetate	2.78	43	153727	44.62	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	402795	47.79	ug/l	99
20) Methylene Chloride	2.86	84	121129	48.62	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	114154	47.10	ug/l	97
22) Diisopropyl ether	3.88	45	420034	46.77	ug/l	97
23) Vinyl Acetate	3.83	43	1695542	222.93	ug/l	99
24) 1,1-Dichloroethane	3.70	63	230887	49.11	ug/l	98
25) 2-Butanone	4.71	43	437438	215.46	ug/l	97
26) 2,2-Dichloropropane	4.59	77	199354	41.66	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	144810	46.73	ug/l	96
28) Bromochloromethane	5.03	49	98187	53.00	ug/l	96
29) Tetrahydrofuran	5.17	42	280816	217.36	ug/l	99
30) Chloroform	5.23	83	243899	47.72	ug/l	98
31) Cyclohexane	5.59	56	179999	48.23	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	229208	47.06	ug/l	99
36) 1,1-Dichloropropene	5.81	75	173258	44.71	ug/l	99
37) Ethyl Acetate	4.87	43	170115	40.67	ug/l	98
38) Carbon Tetrachloride	5.79	117	207078	45.60	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000744.D
 Acq On : 08 Apr 2018 20:44
 Operator : JC/MD
 Sample : J2190-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

Quant Time: Apr 09 06:45:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	191313	46.52	ug/l	97
40) Benzene	6.15	78	507761	46.58	ug/l	100
41) Methacrylonitrile	5.07	41	105535	43.55	ug/l	99
42) 1,2-Dichloroethane	6.21	62	195525	45.48	ug/l	98
43) Isopropyl Acetate	6.48	43	309135	42.44	ug/l	99
44) Trichloroethene	7.22	130	157014	47.40	ug/l	99
45) 1,2-Dichloropropane	7.52	63	134252	45.93	ug/l	98
46) Dibromomethane	7.67	93	93387	46.04	ug/l	98
47) Bromodichloromethane	7.91	83	196250	46.76	ug/l	99
48) Methyl methacrylate	7.79	41	163083	44.50	ug/l	98
49) 1,4-Dioxane	7.76	88	54879	754.46	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	926745	219.58	ug/l	99
52) Toluene	8.79	92	337400	46.43	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	225412	45.13	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	222129	44.79	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	140022	47.37	ug/l	99
56) Ethyl methacrylate	9.19	69	215389	45.69	ug/l	98
57) 1,3-Dichloropropane	9.38	76	223799	46.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.26	63	2152	0.97	ug/l #	45
59) 2-Hexanone	9.51	43	689182	213.96	ug/l	99
60) Dibromochloromethane	9.59	129	175413	47.57	ug/l	100
61) 1,2-Dibromoethane	9.68	107	144884	45.64	ug/l	100
64) Tetrachloroethene	9.34	164	147544	44.35	ug/l	99
65) Chlorobenzene	10.15	112	404923	46.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	159534	46.78	ug/l	100
67) Ethyl Benzene	10.26	91	669299	45.69	ug/l	98
68) m/p-Xylenes	10.37	106	529526	92.39	ug/l	100
69) o-Xylene	10.71	106	257998	45.87	ug/l	100
70) Styrene	10.72	104	438604	46.16	ug/l	99
71) Bromoform	10.87	173	150159	46.51	ug/l #	99
73) Isopropylbenzene	11.02	105	700916	46.58	ug/l	100
74) N-amyl acetate	6.48	43	309135	42.21	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	206891	46.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	239935	56.02	ug/l	83
77) Bromobenzene	11.26	156	206176	48.31	ug/l	97
78) n-propylbenzene	11.37	91	789065	45.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	469757	45.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	593075	45.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64601	39.27	ug/l	94
82) 4-Chlorotoluene	11.52	91	563943	45.71	ug/l	99
83) tert-Butylbenzene	11.78	119	630768	47.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	619158	45.88	ug/l	100
85) sec-Butylbenzene	11.95	105	719207	46.00	ug/l	99
86) p-Isopropyltoluene	12.07	119	668025	45.70	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	376323	47.06	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	381358	46.53	ug/l	100
89) n-Butylbenzene	12.40	91	571788	43.79	ug/l	100
90) Hexachloroethane	12.60	117	119882	45.16	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	368707	47.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49340	41.97	ug/l	94

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
Data File : VX000744.D
Acq On : 08 Apr 2018 20:44
Operator : JC/MD
Sample : J2190-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

Quant Time: Apr 09 06:45:21 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 17:01:21 2018
Response via : Initial Calibration

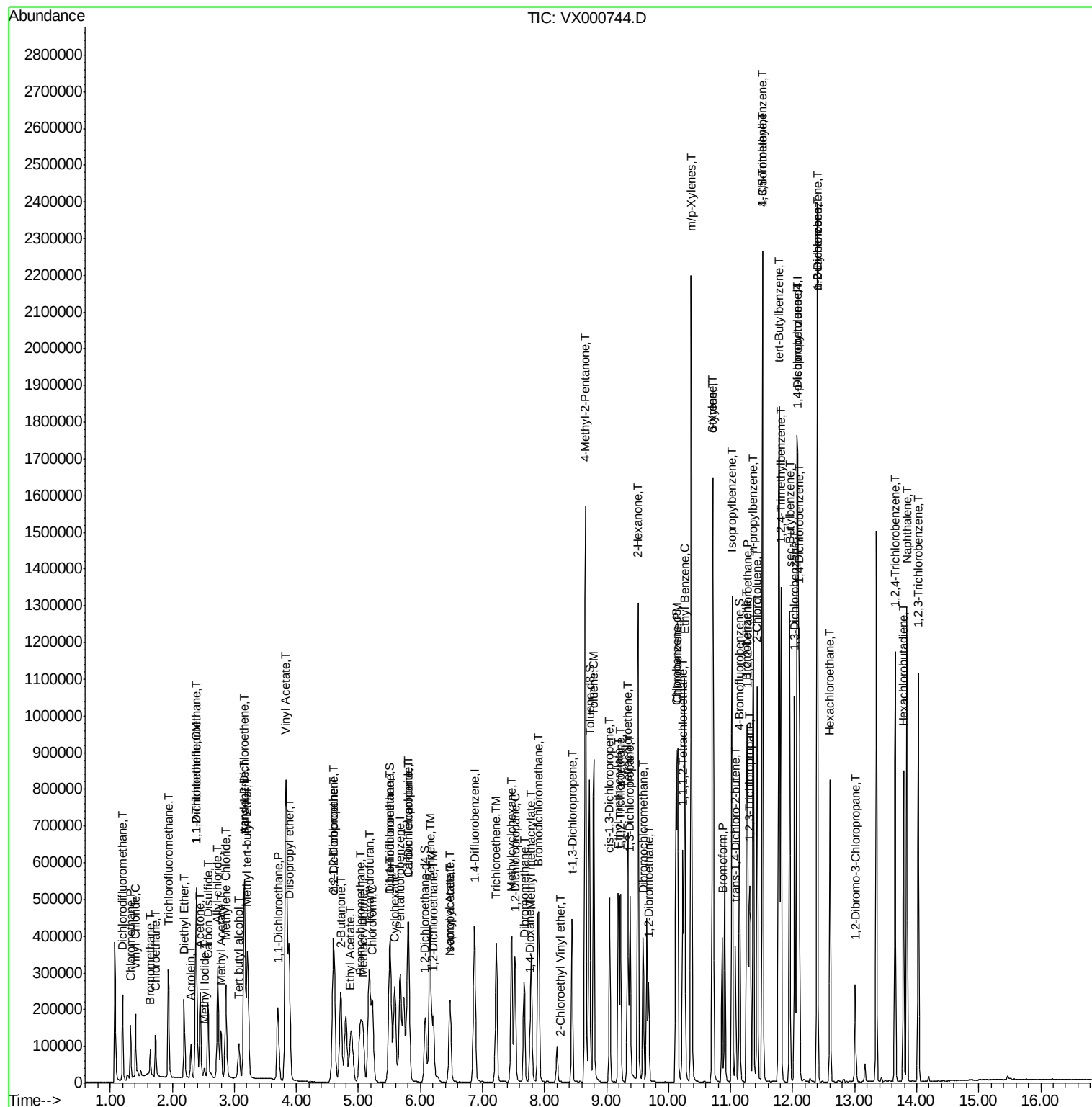
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	307993	46.37	ug/l	99
94) Hexachlorobutadiene	13.79	225	142540	43.58	ug/l	99
95) Naphthalene	13.84	128	813964	46.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	304372	47.50	ug/l	99

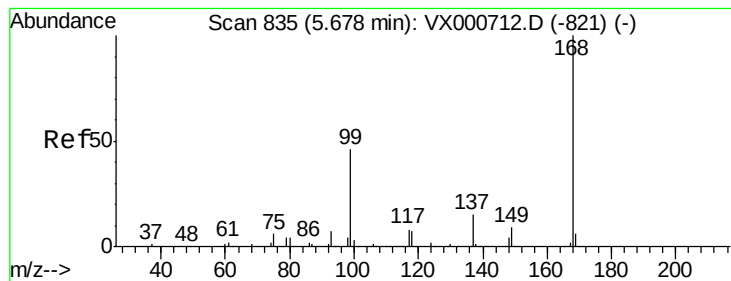
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000744.D
 Acq On : 08 Apr 2018 20:44
 Operator : JC/MD
 Sample : J2190-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

Quant Time: Apr 09 06:45:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

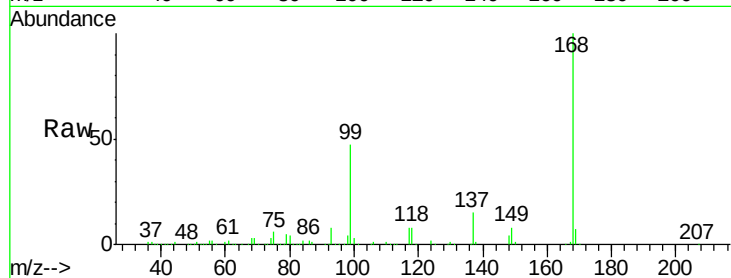
MW-19-040218MSD

Tgt Ion:168 Resp: 323506

Ion Ratio Lower Upper

168 100

99 47.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

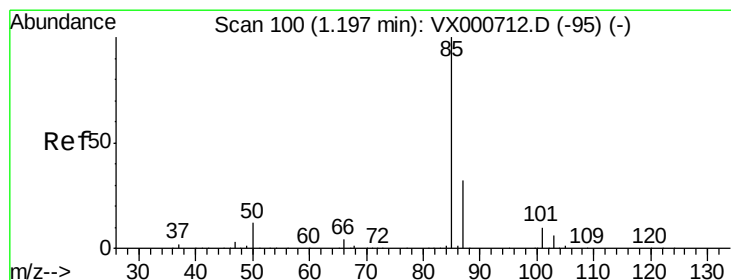
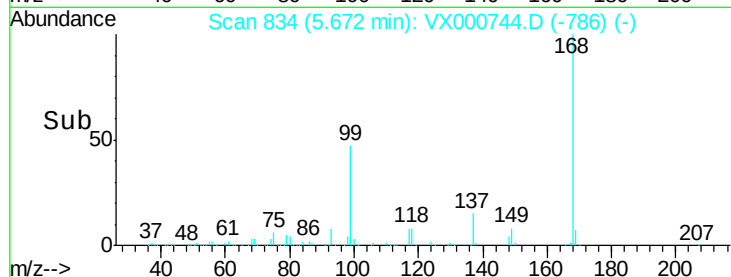
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.02 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000744.D

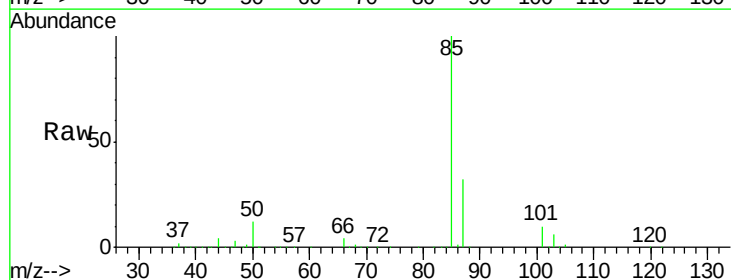
Acq: 08 Apr 2018 20:44

Tgt Ion: 85 Resp: 131182

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

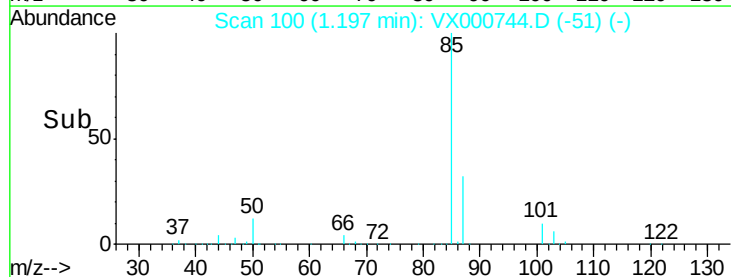
150000

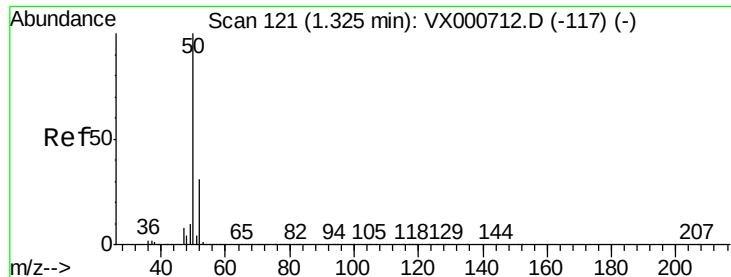
100000

50000

0

Time-->





#3

Chloromethane

Concen: 36.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

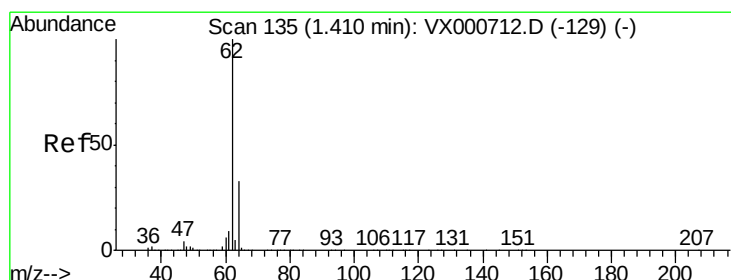
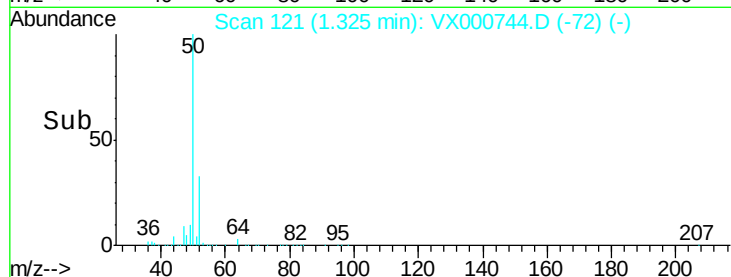
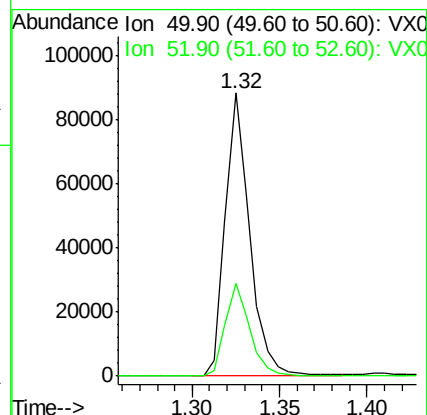
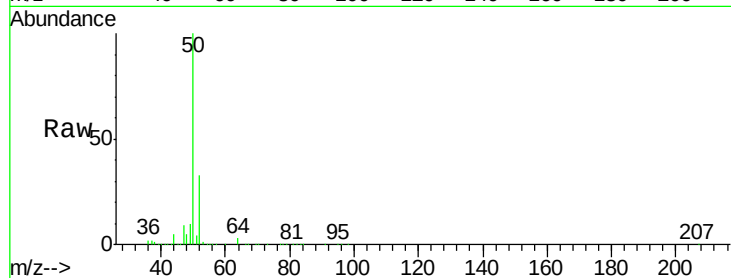
MW-19-040218MSD

Tgt Ion: 50 Resp: 85556

Ion Ratio Lower Upper

50 100

52 32.6 24.9 37.3



#4

Vinyl Chloride

Concen: 43.37 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000744.D

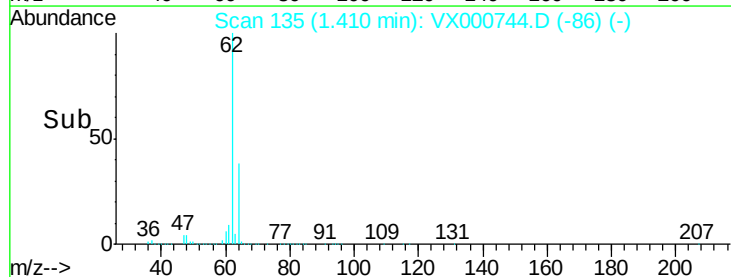
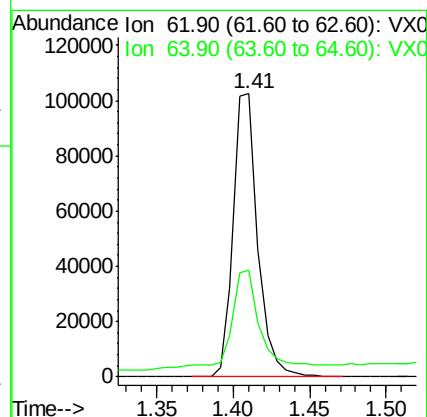
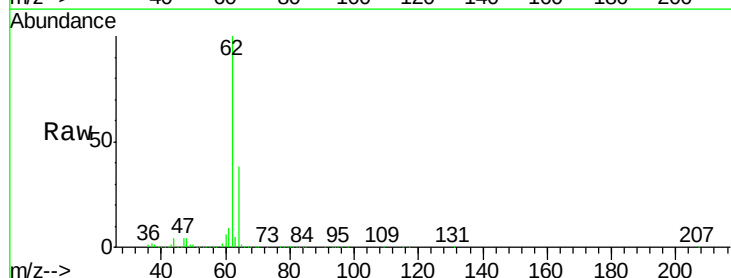
Acq: 08 Apr 2018 20:44

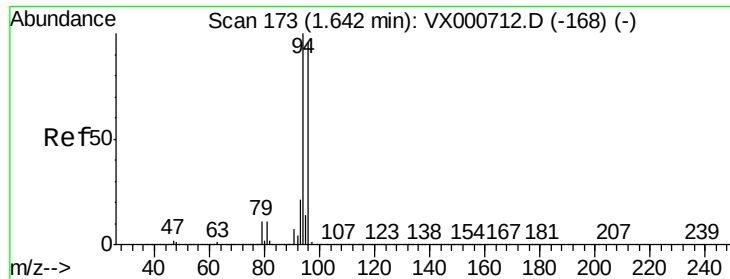
Tgt Ion: 62 Resp: 114170

Ion Ratio Lower Upper

62 100

64 33.4 26.2 39.2





#5

Bromomethane

Concen: 22.07 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

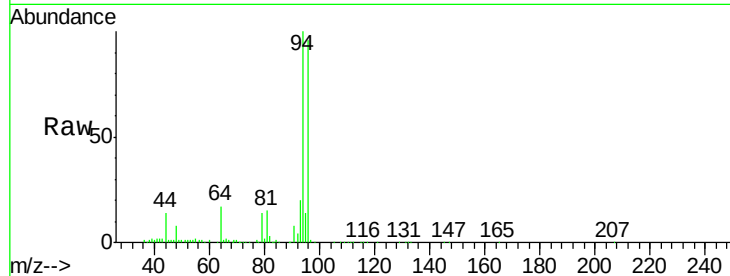
MW-19-040218MSD

Tgt Ion: 94 Resp: 33160

Ion Ratio Lower Upper

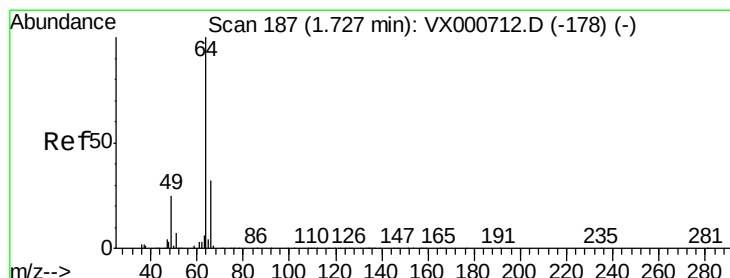
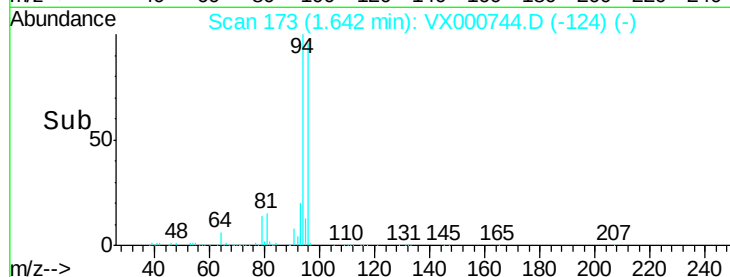
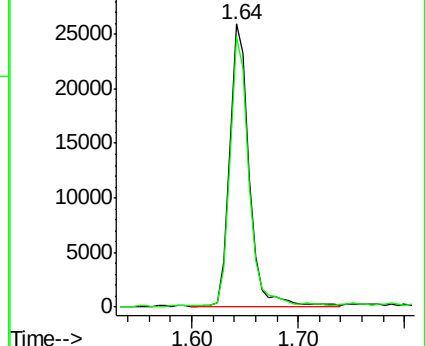
94 100

96 95.3 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.59 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000744.D

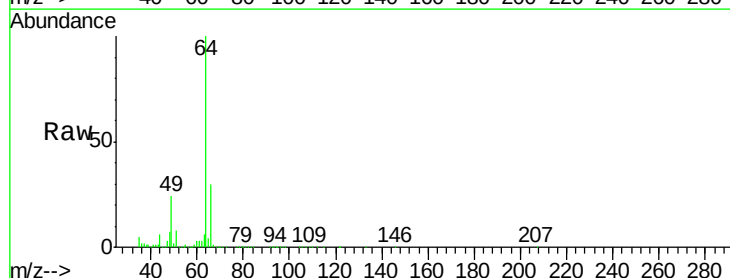
Acq: 08 Apr 2018 20:44

Tgt Ion: 64 Resp: 78498

Ion Ratio Lower Upper

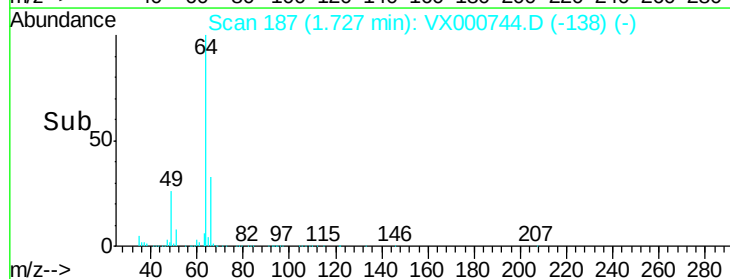
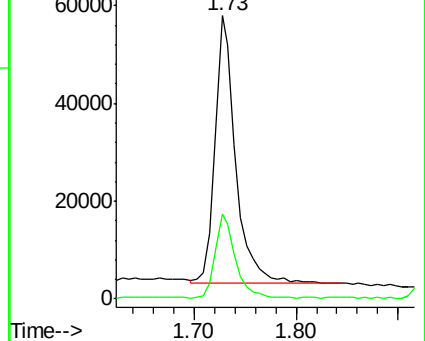
64 100

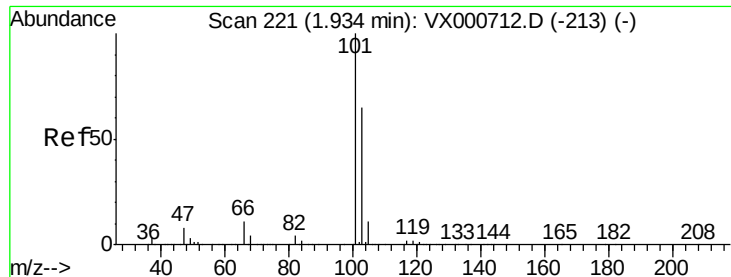
66 31.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



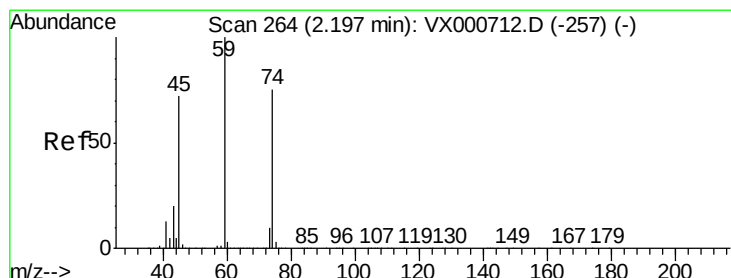
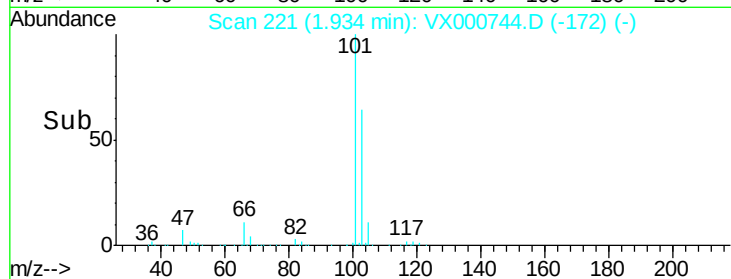
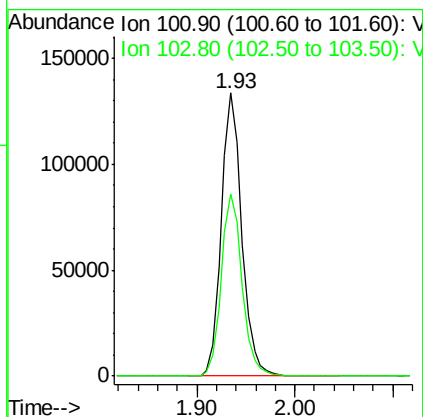
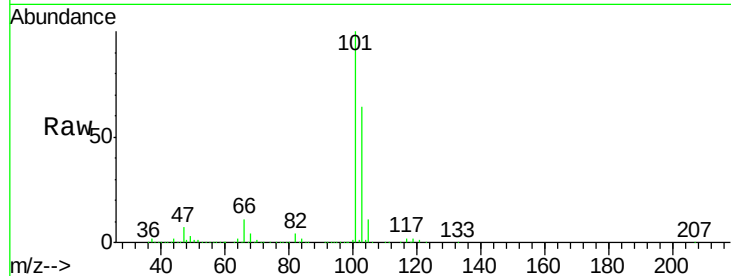


#7

Trichlorofluoromethane
Concen: 45.06 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

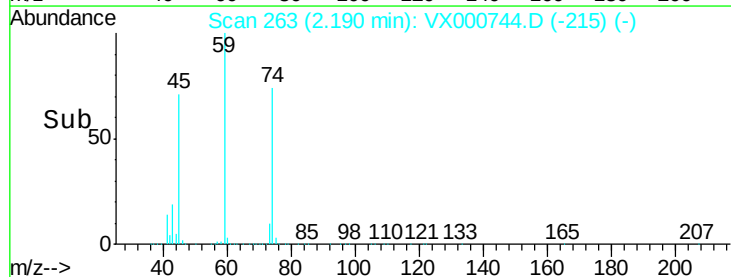
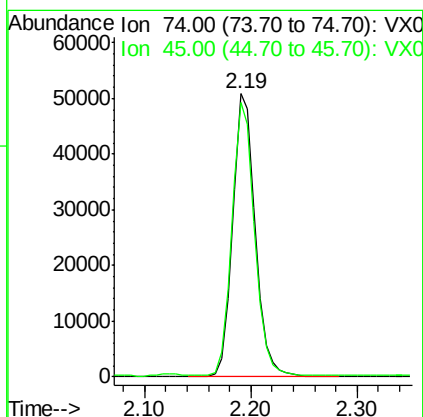
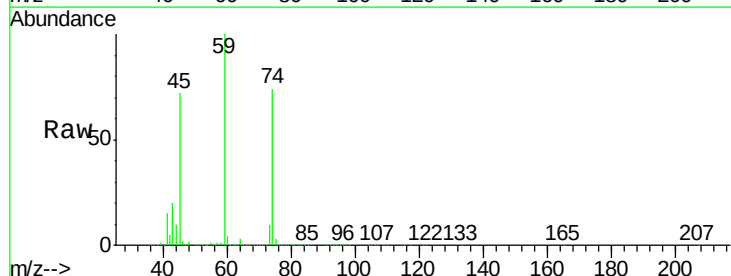
Tgt Ion:101 Resp: 194271
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1

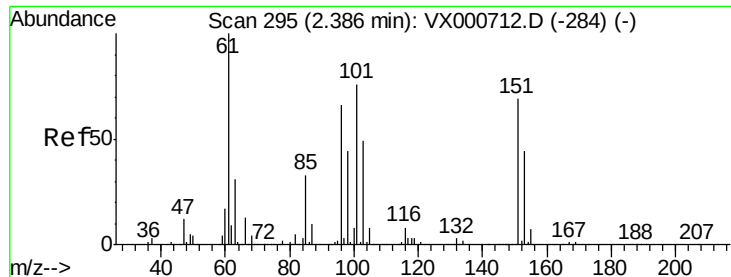


#8

Diethyl Ether
Concen: 51.00 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion: 74 Resp: 75801
Ion Ratio Lower Upper
74 100
45 96.6 48.4 145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.90 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

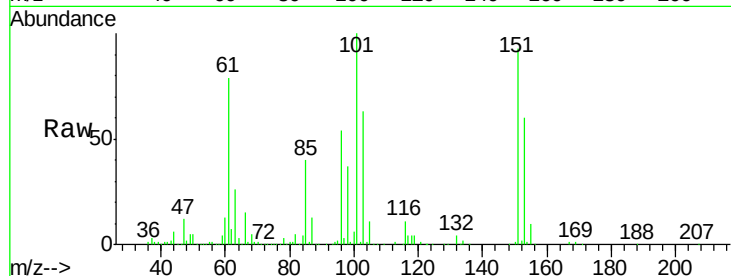
Tgt Ion:101 Resp: 113358

Ion Ratio Lower Upper

101 100

85 42.0 34.3 51.5

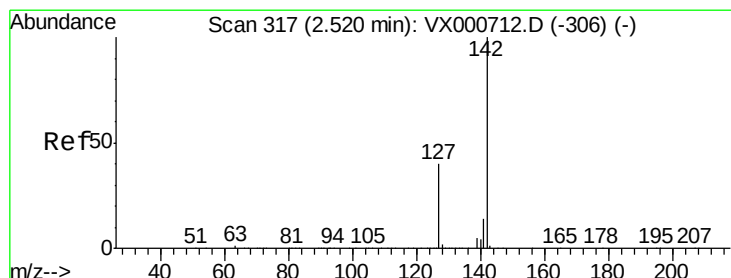
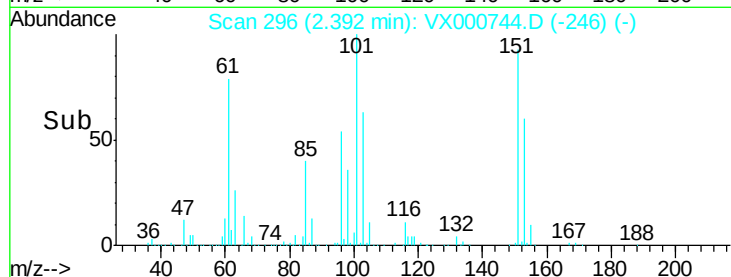
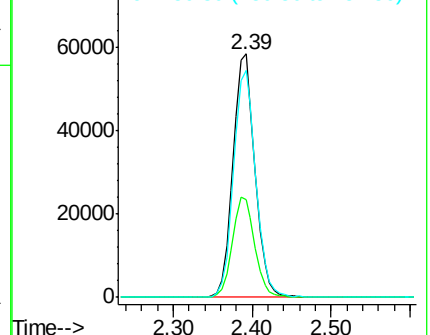
151 94.1 73.8 110.8



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: 13.84 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

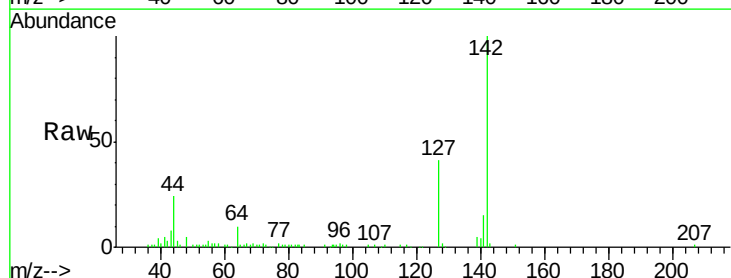
Tgt Ion:142 Resp: 25842

Ion Ratio Lower Upper

142 100

127 41.2 33.9 50.9

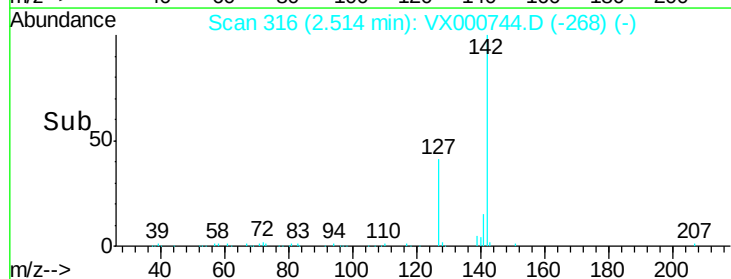
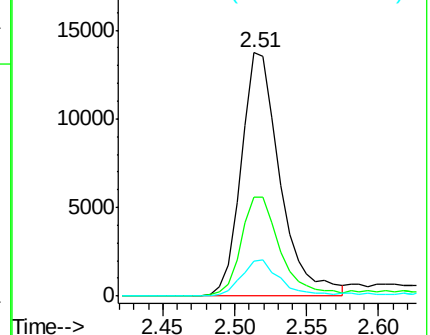
141 15.0 11.4 17.0

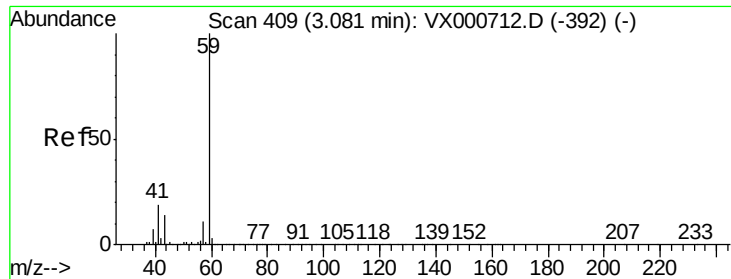


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

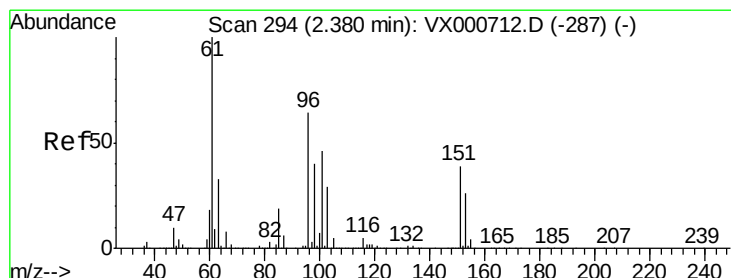
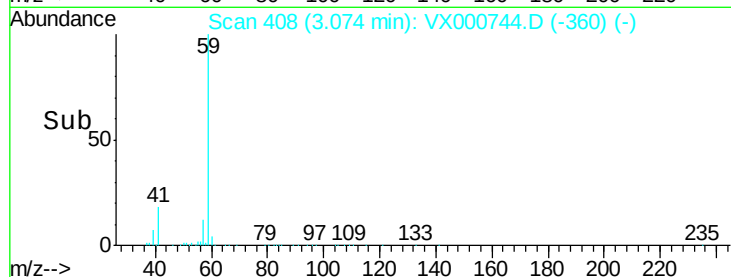
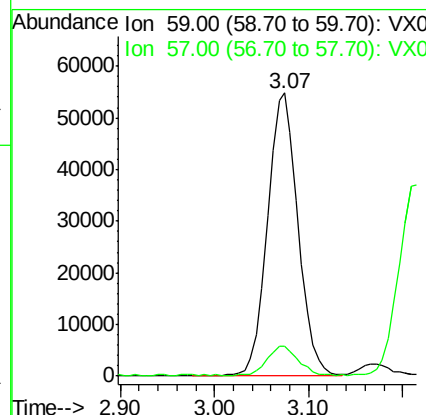
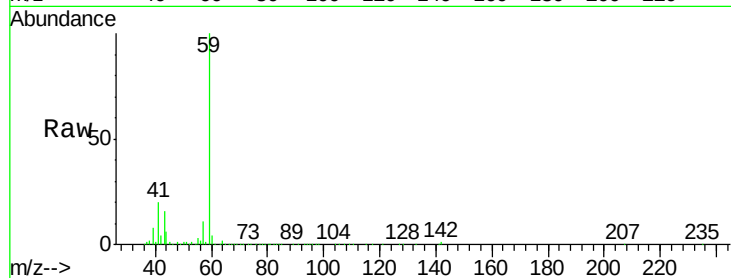




#11
Tert butyl alcohol
Concen: 198.16 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

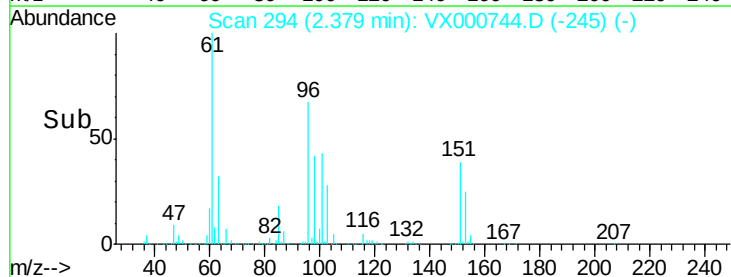
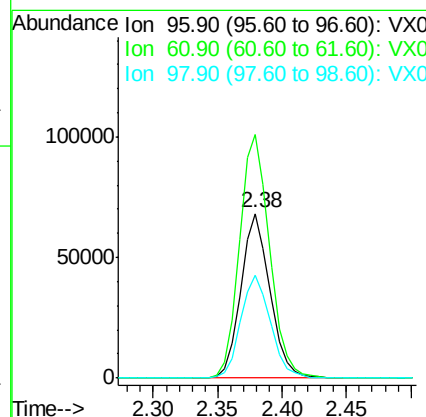
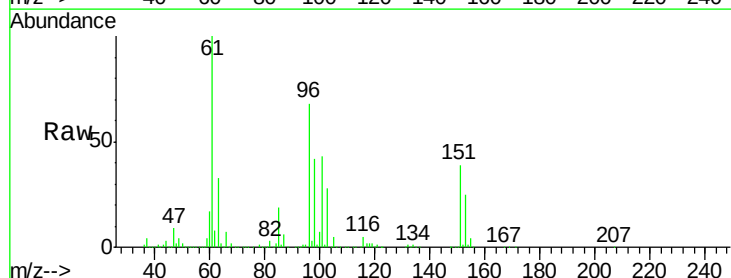
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

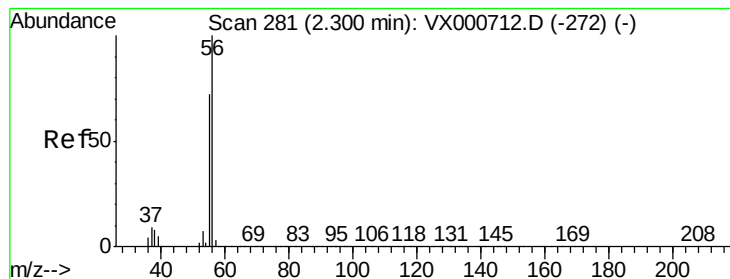
Tgt Ion: 59 Resp: 124746
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 46.97 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion: 96 Resp: 106494
Ion Ratio Lower Upper
96 100
61 147.9 125.0 187.4
98 62.2 50.5 75.7





#13

Acrolein

Concen: 245.00 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

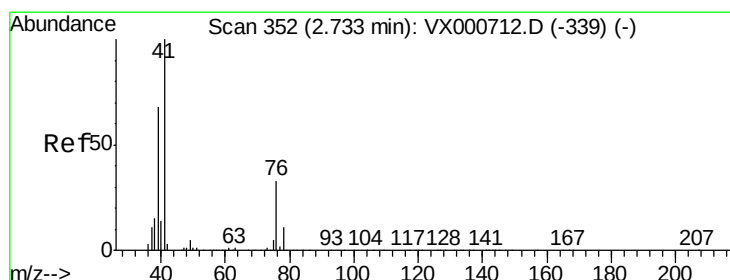
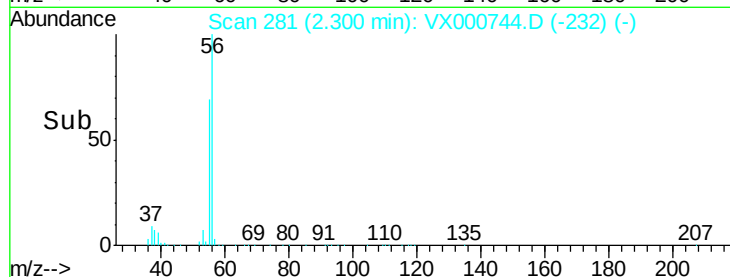
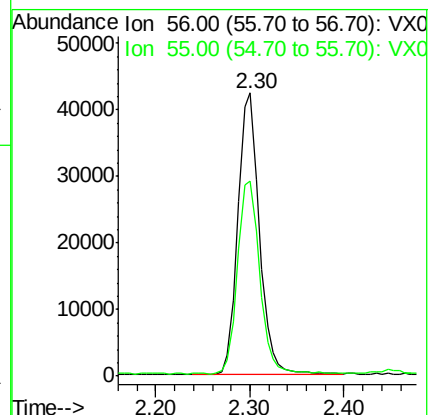
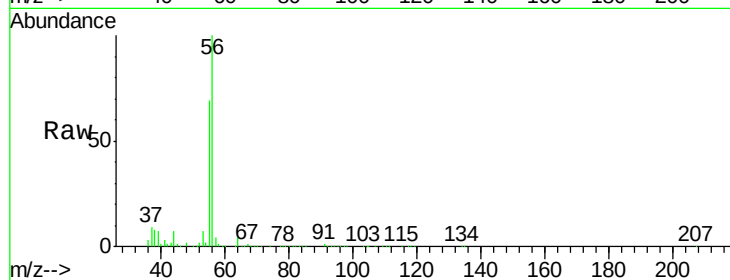
MW-19-040218MSD

Tgt Ion: 56 Resp: 67503

Ion Ratio Lower Upper

56 100

55 70.3 57.4 86.2



#14

Allyl chloride

Concen: 44.41 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

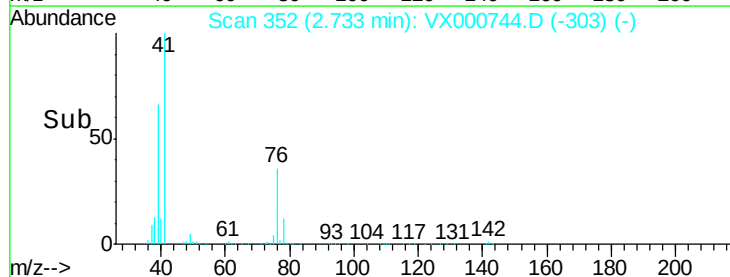
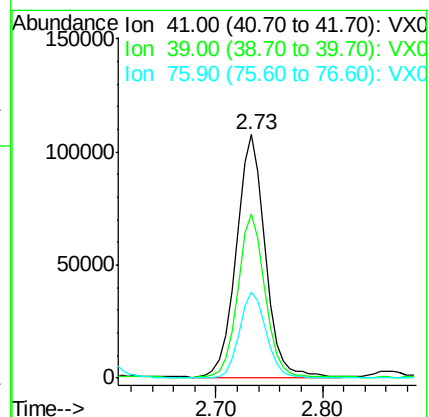
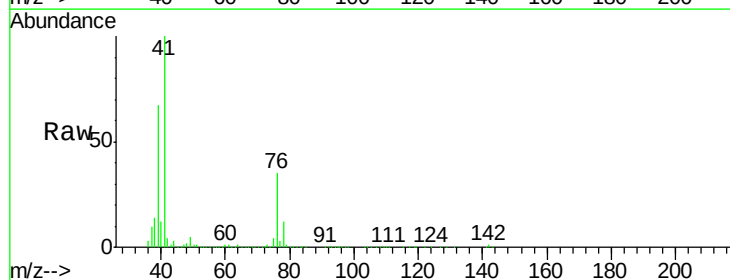
Tgt Ion: 41 Resp: 203559

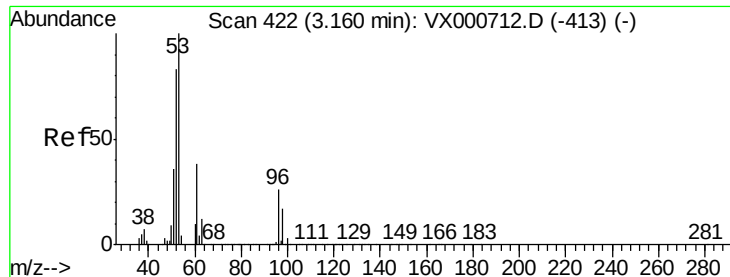
Ion Ratio Lower Upper

41 100

39 63.8 52.4 78.6

76 33.2 25.9 38.9





#15

Acrylonitrile

Concen: 228.25 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

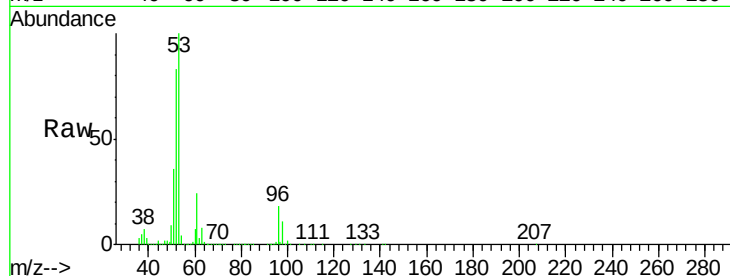
Tgt Ion: 53 Resp: 301162

Ion Ratio Lower Upper

53 100

52 83.3 66.1 99.1

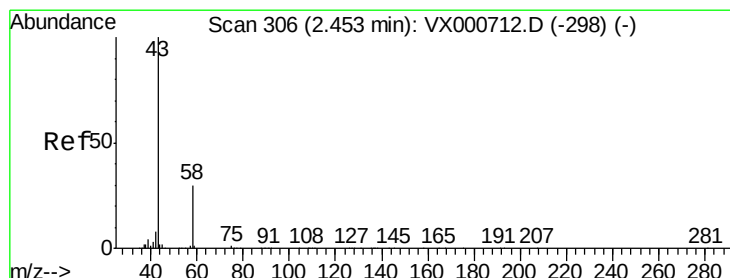
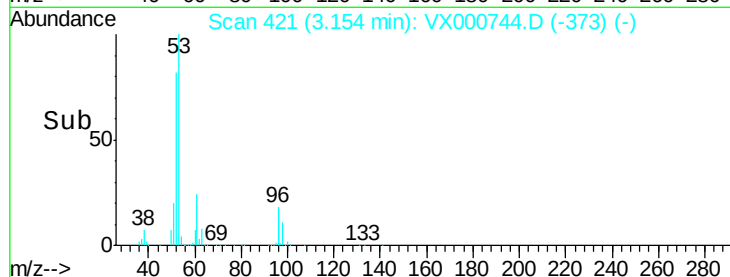
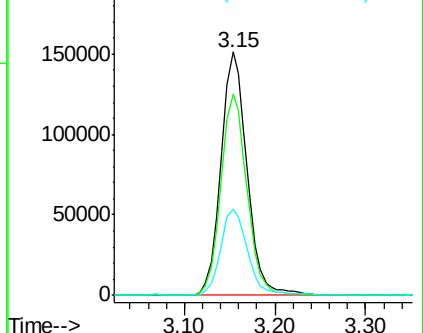
51 36.6 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 210.16 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000744.D

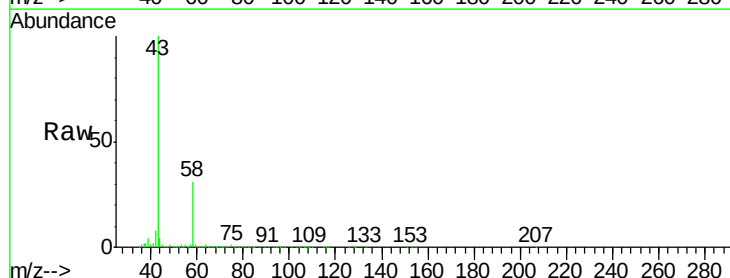
Acq: 08 Apr 2018 20:44

Tgt Ion: 43 Resp: 243889

Ion Ratio Lower Upper

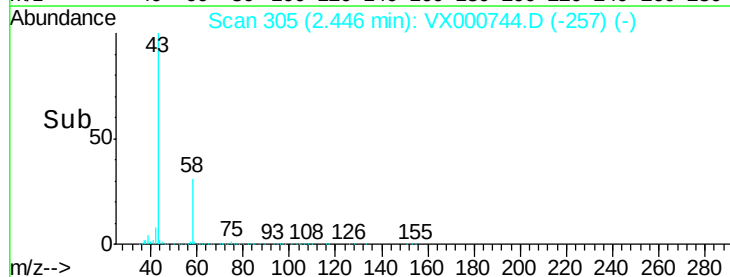
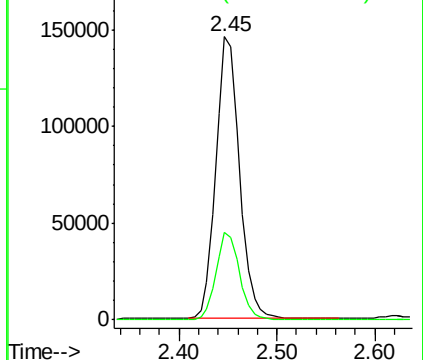
43 100

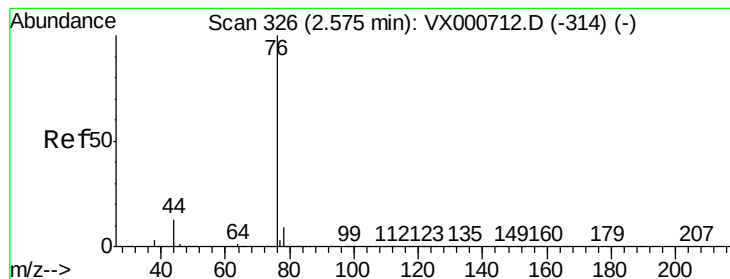
58 31.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.65 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

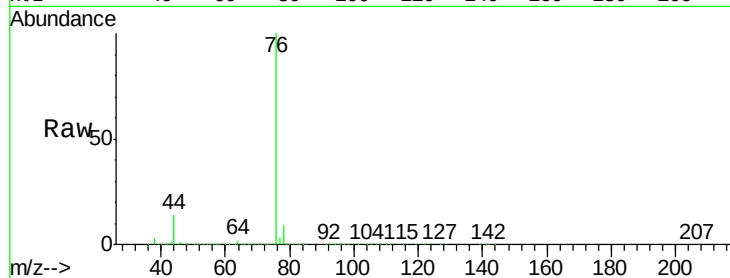
MW-19-040218MSD

Tgt Ion: 76 Resp: 250758

Ion Ratio Lower Upper

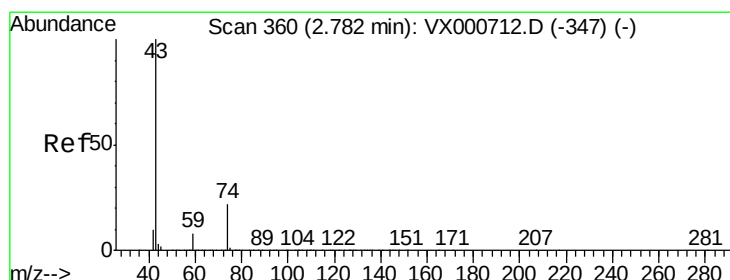
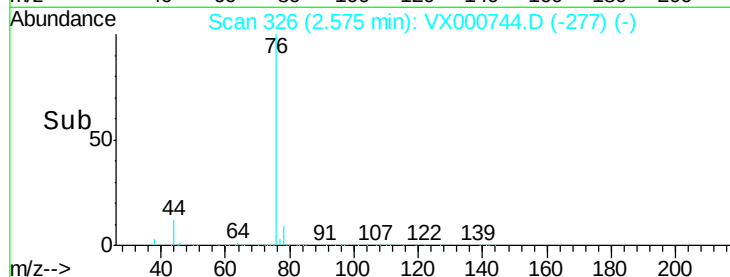
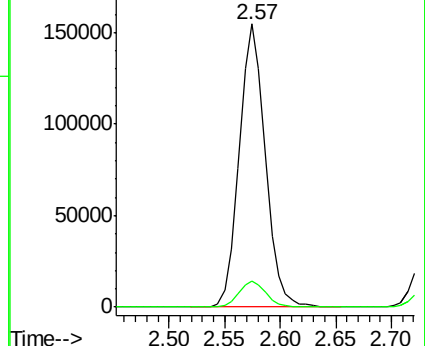
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.62 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000744.D

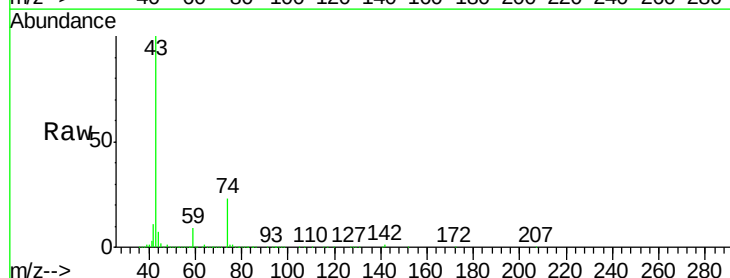
Acq: 08 Apr 2018 20:44

Tgt Ion: 43 Resp: 153727

Ion Ratio Lower Upper

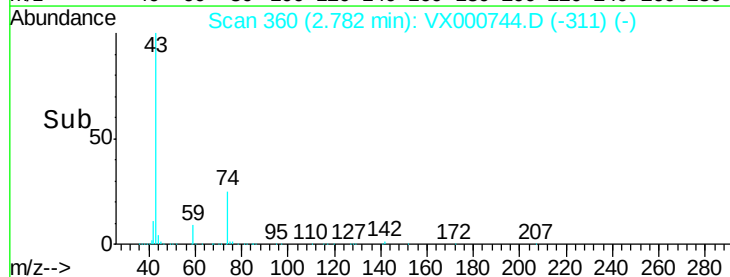
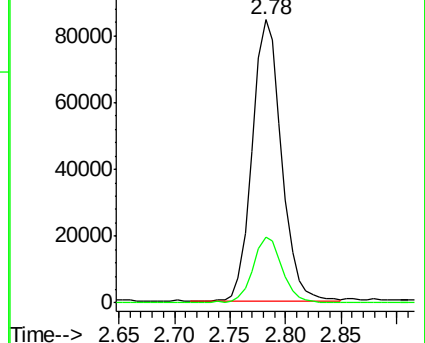
43 100

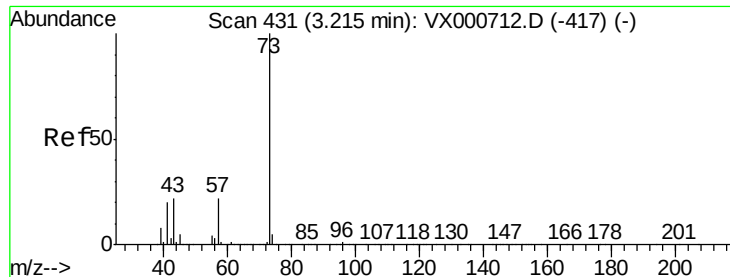
74 24.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

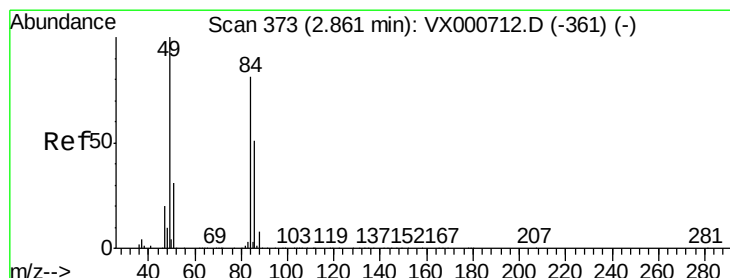
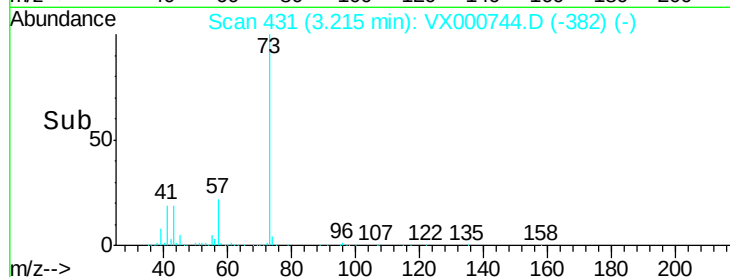
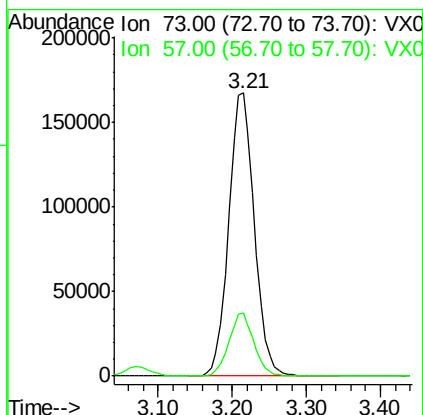
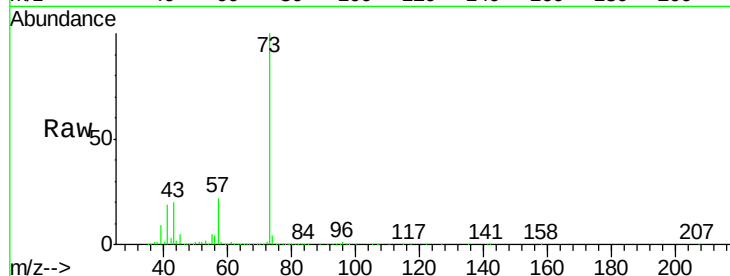




#19
Methyl tert-butyl Ether
Concen: 47.79 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

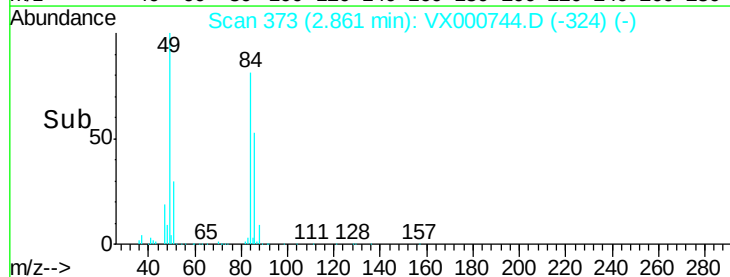
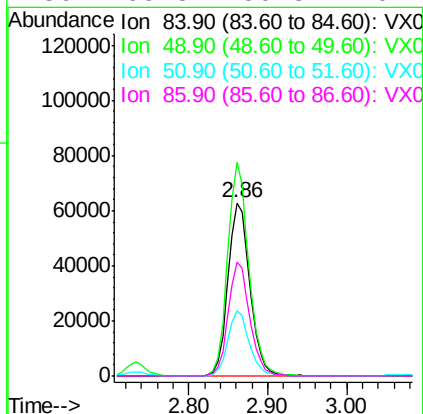
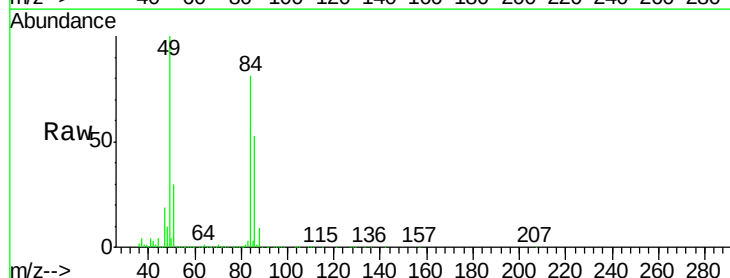
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

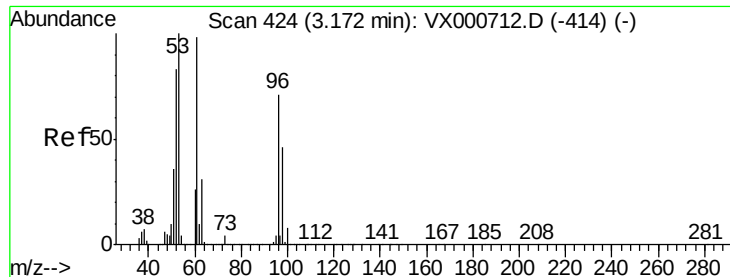
Tgt Ion: 73 Resp: 402795
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 48.62 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion: 84 Resp: 121129
Ion Ratio Lower Upper
84 100
49 123.3 98.6 148.0
51 37.2 30.8 46.2
86 65.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 47.10 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

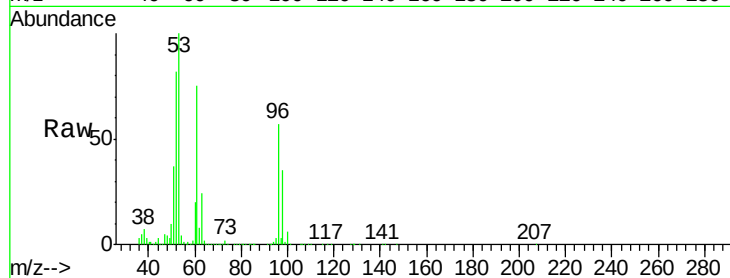
Tgt Ion: 96 Resp: 114154

Ion Ratio Lower Upper

96 100

61 132.9 109.8 164.6

98 62.3 51.5 77.3

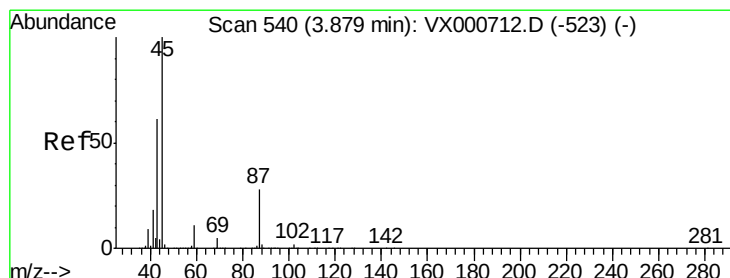
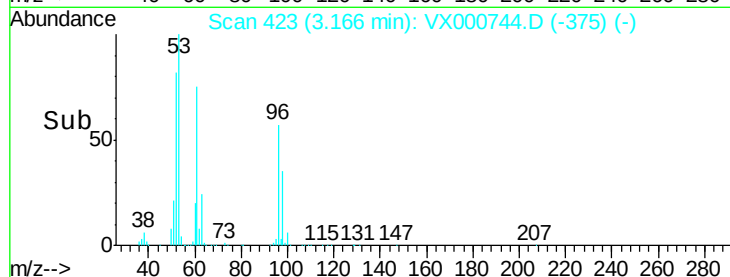
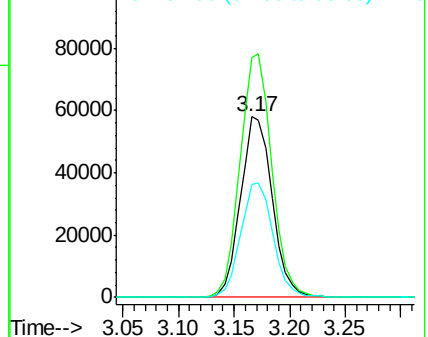


Abundance

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



#22

Diisopropyl ether

Concen: 46.77 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Tgt Ion: 45 Resp: 420034

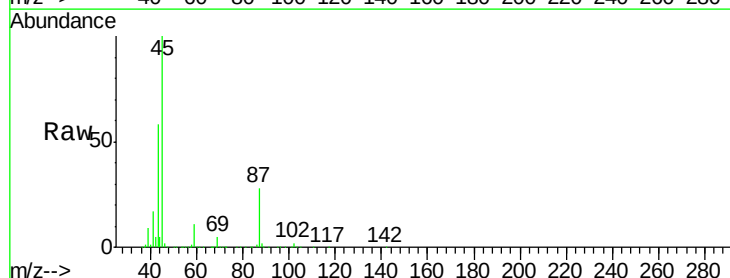
Ion Ratio Lower Upper

45 100

43 58.0 49.2 73.8

87 28.5 22.7 34.1

59 11.5 9.0 13.4



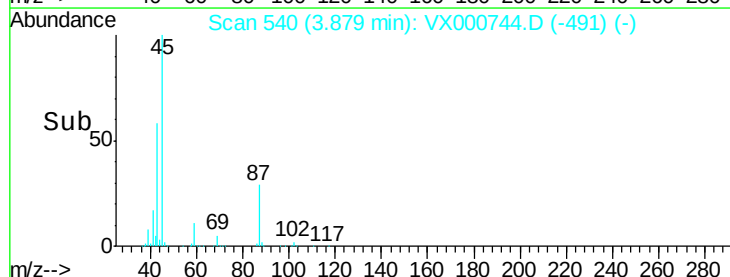
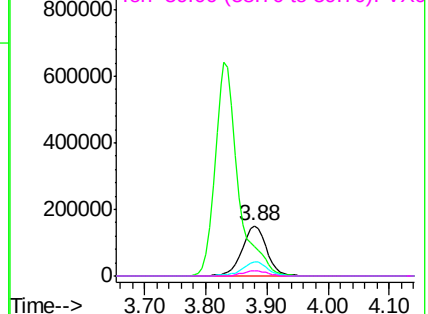
Abundance

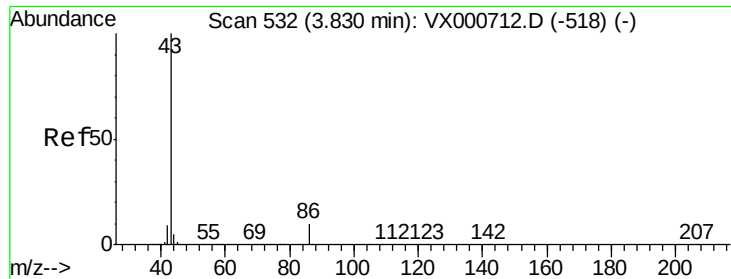
Ion 45.00 (44.70 to 45.70): VX0

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: 222.93 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

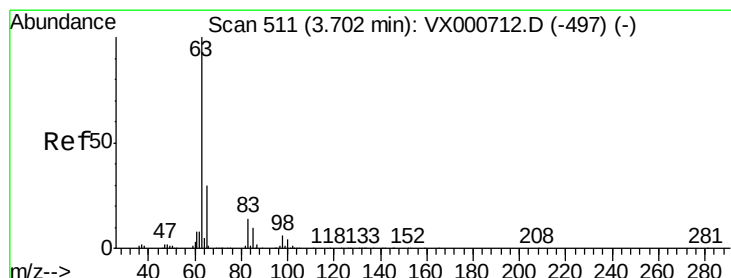
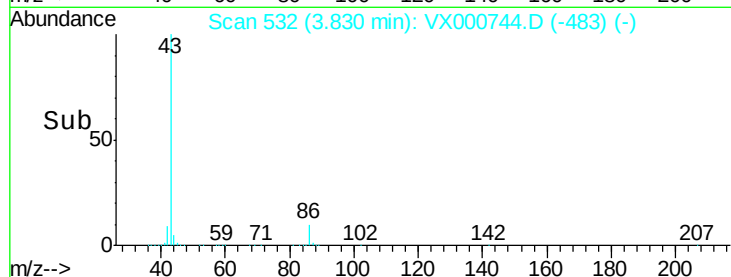
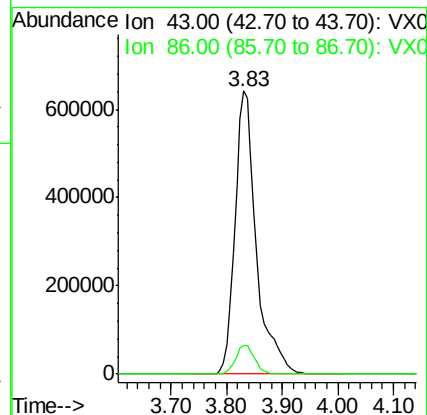
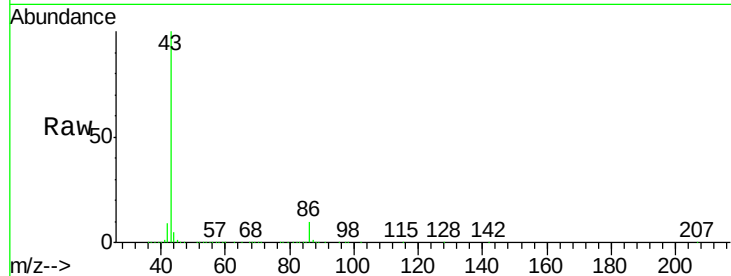
MW-19-040218MSD

Tgt Ion: 43 Resp: 1695542

Ion Ratio Lower Upper

43 100

86 10.3 8.0 12.0



#24

1,1-Dichloroethane

Concen: 49.11 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

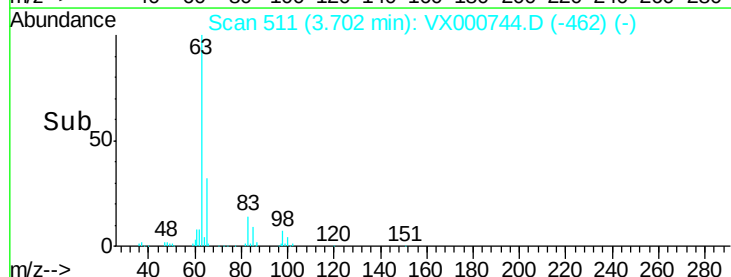
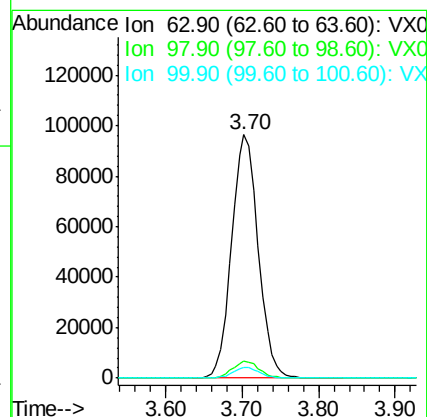
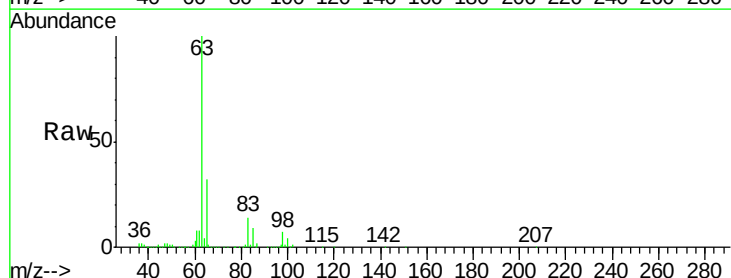
Tgt Ion: 63 Resp: 230887

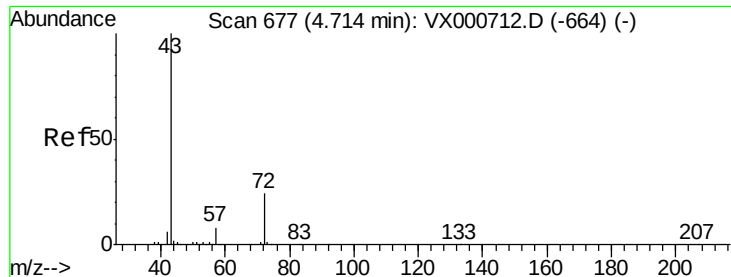
Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 215.46 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

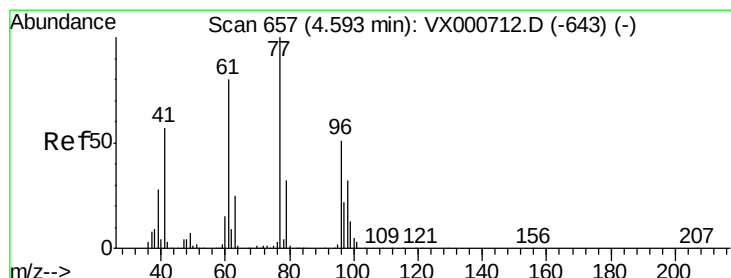
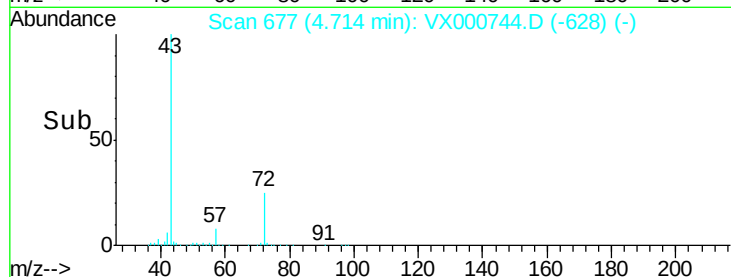
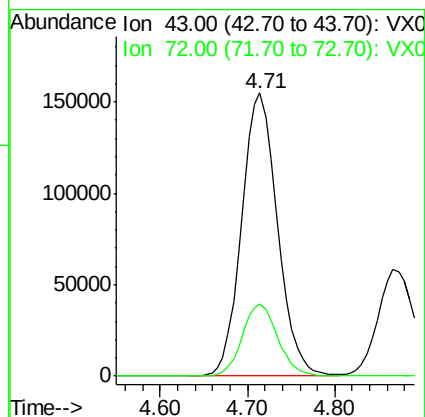
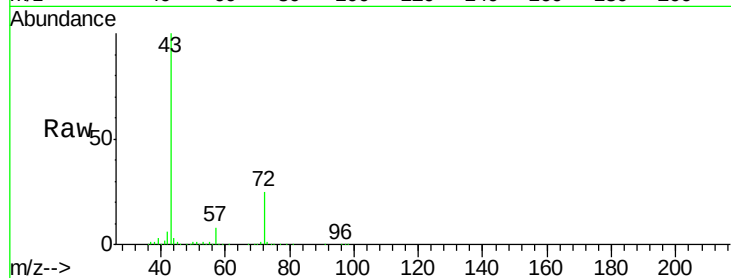
MW-19-040218MSD

Tgt Ion: 43 Resp: 437438

Ion Ratio Lower Upper

43 100

72 25.3 19.0 28.4



#26

2,2-Dichloropropane

Concen: 41.66 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000744.D

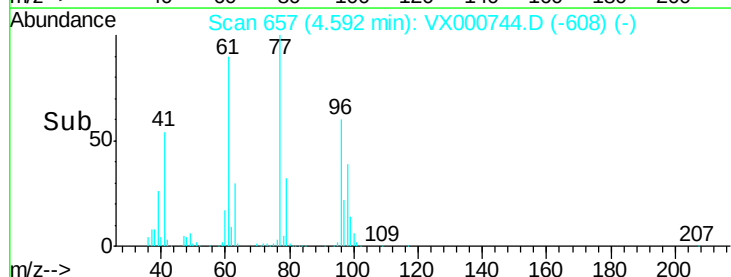
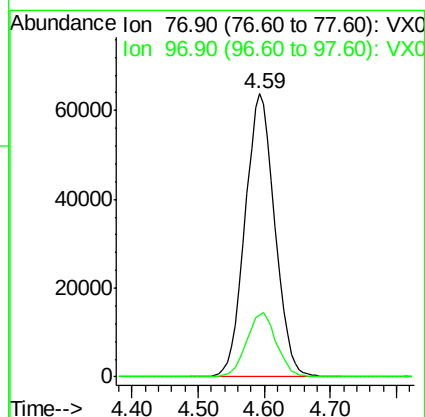
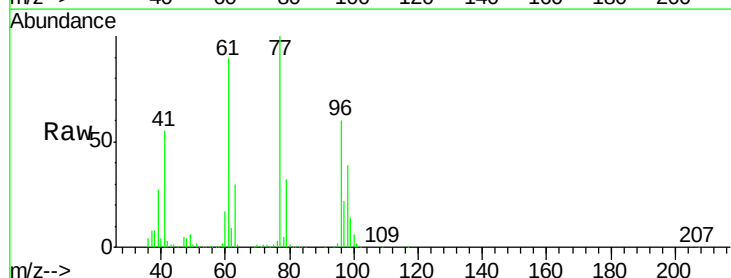
Acq: 08 Apr 2018 20:44

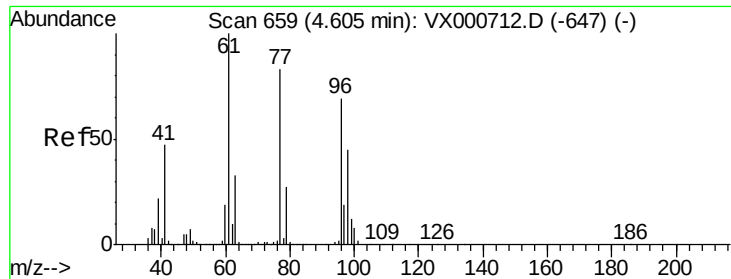
Tgt Ion: 77 Resp: 199354

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 46.73 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

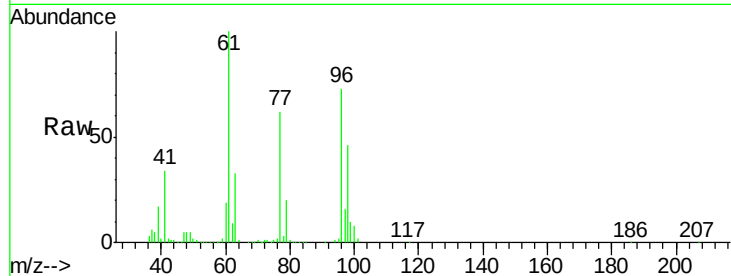
Tgt Ion: 96 Resp: 144810

Ion Ratio Lower Upper

96 100

61 144.0 0.0 301.0

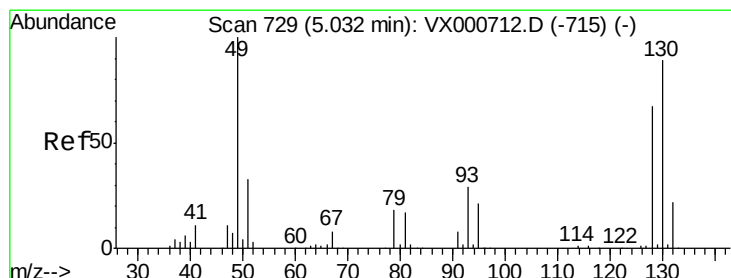
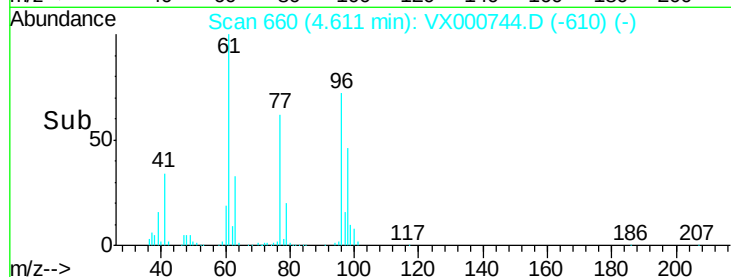
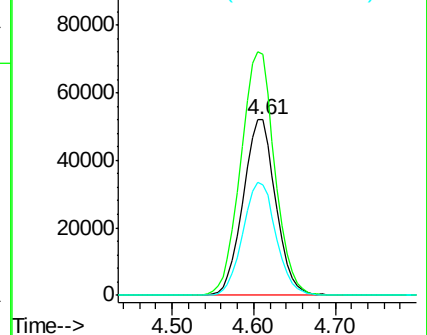
98 65.4 0.0 129.6



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: 53.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

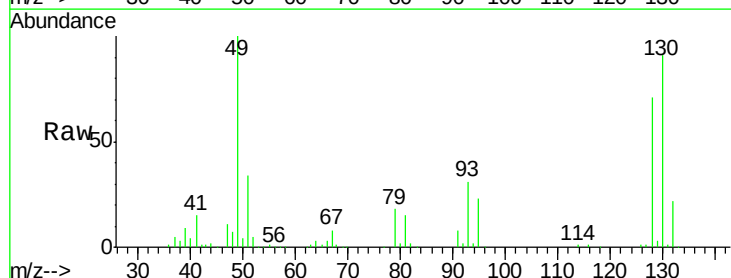
Tgt Ion: 49 Resp: 98187

Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.4

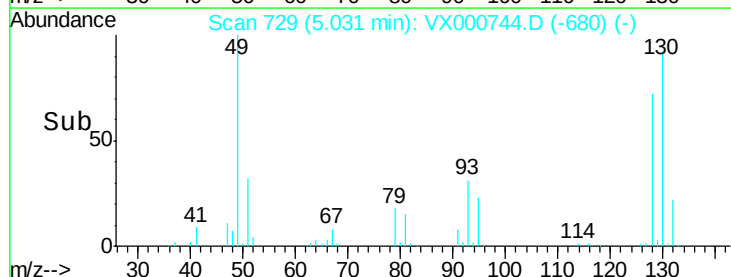
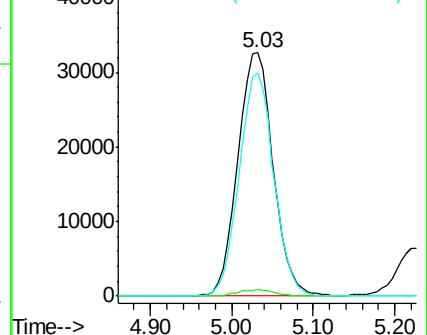
130 89.8 69.0 103.4

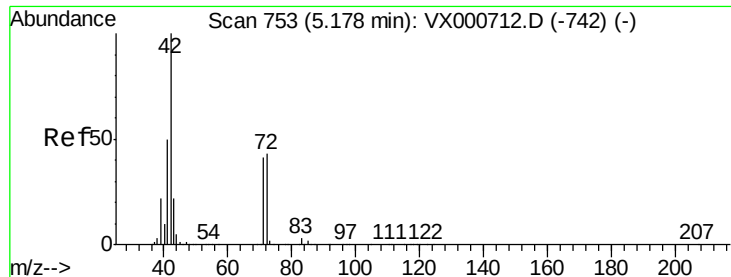


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

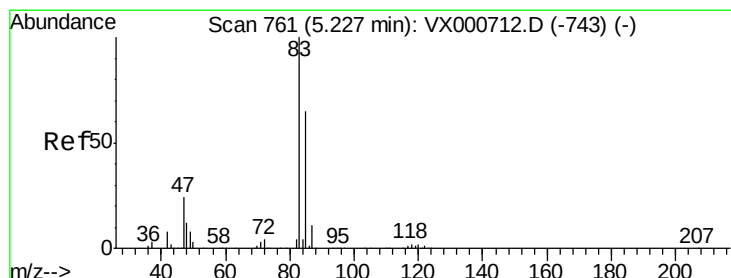
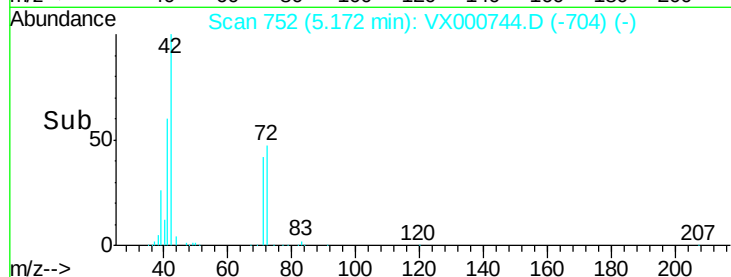
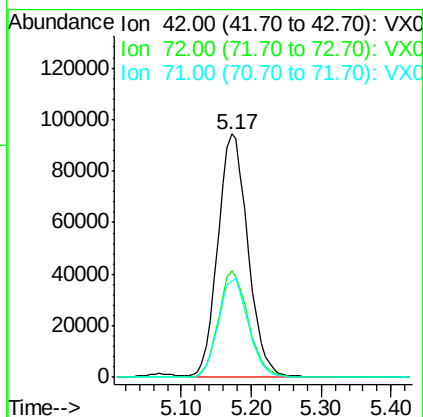
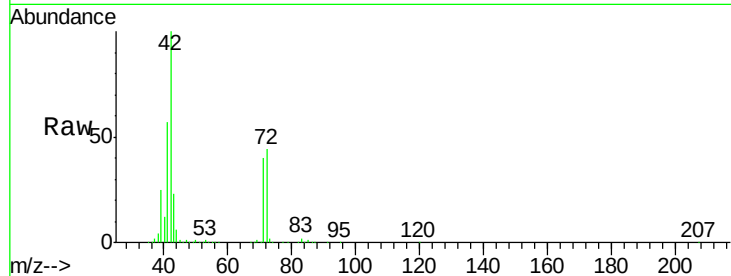




#29
Tetrahydrofuran
Concen: 217.36 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

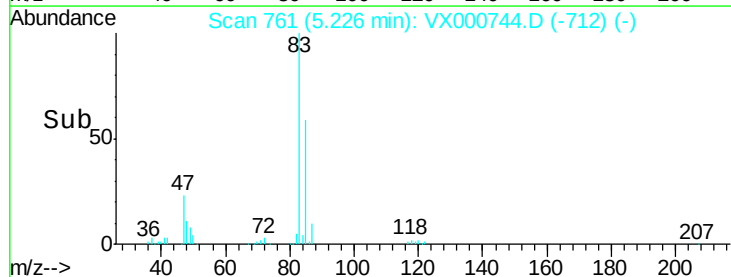
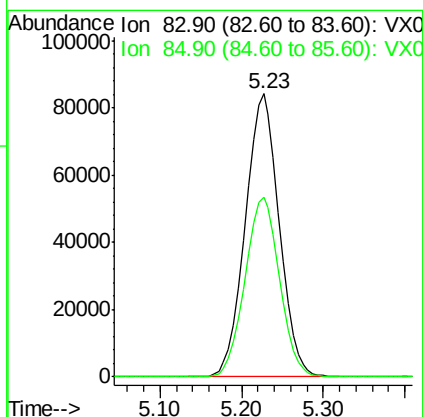
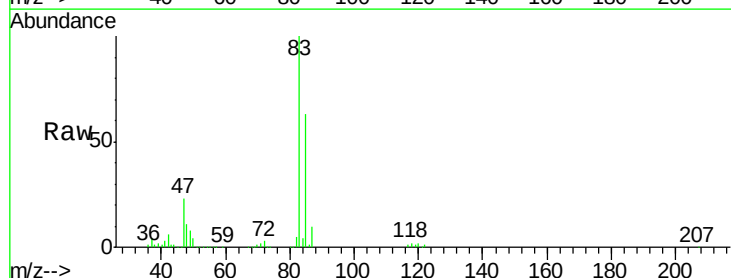
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

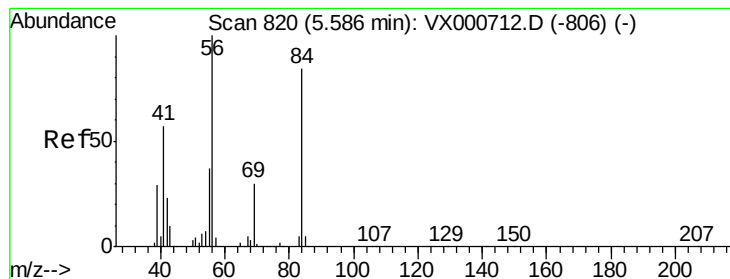
Tgt Ion: 42 Resp: 280816
Ion Ratio Lower Upper
42 100
72 43.7 34.4 51.6
71 40.5 32.0 48.0



#30
Chloroform
Concen: 47.72 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion: 83 Resp: 243899
Ion Ratio Lower Upper
83 100
85 63.5 52.3 78.5





#31

Cyclohexane

Concen: 48.23 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

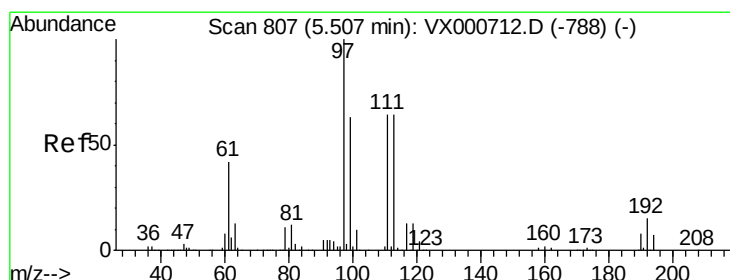
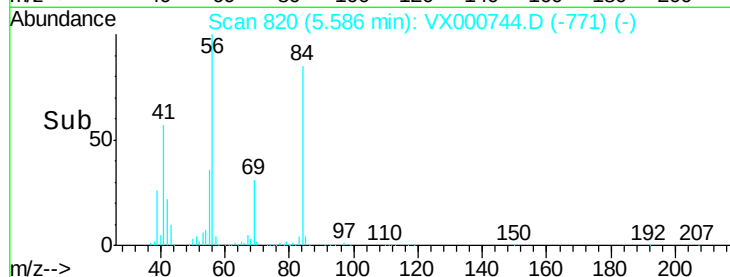
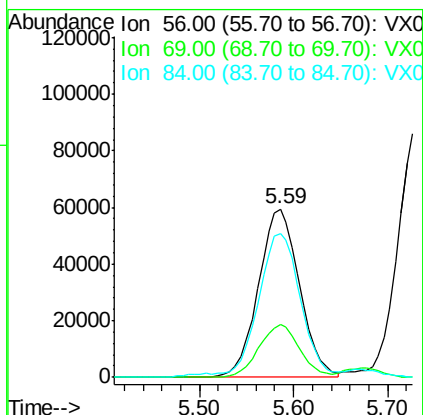
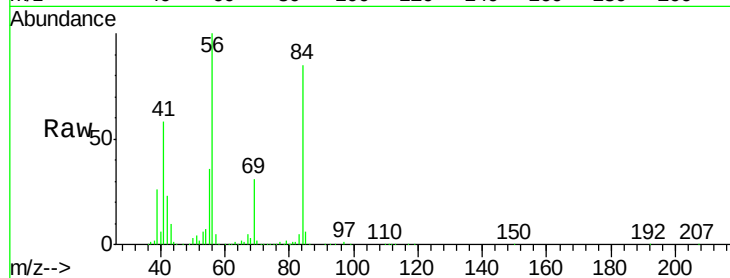
Tgt Ion: 56 Resp: 179999

Ion Ratio Lower Upper

56 100

69 31.1 23.8 35.6

84 83.3 67.4 101.2



#32

1,1,1-Trichloroethane

Concen: 47.06 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

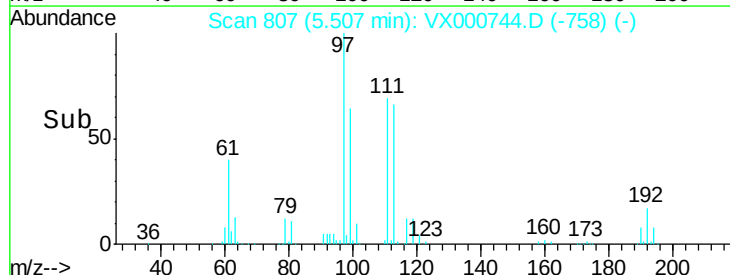
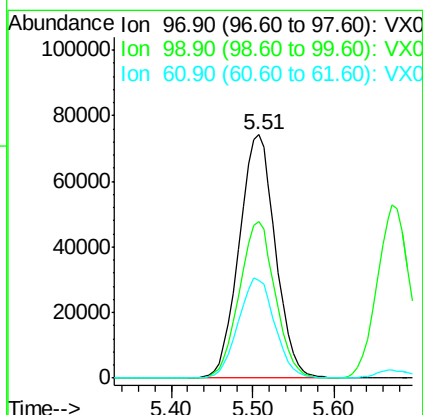
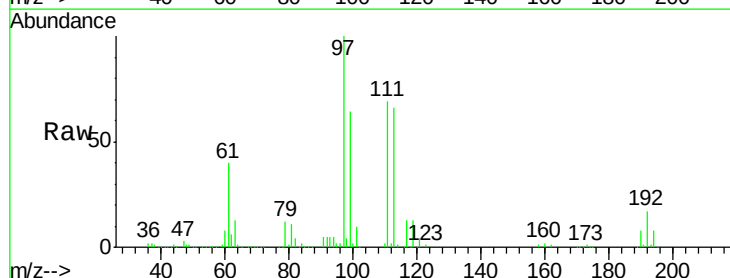
Tgt Ion: 97 Resp: 229208

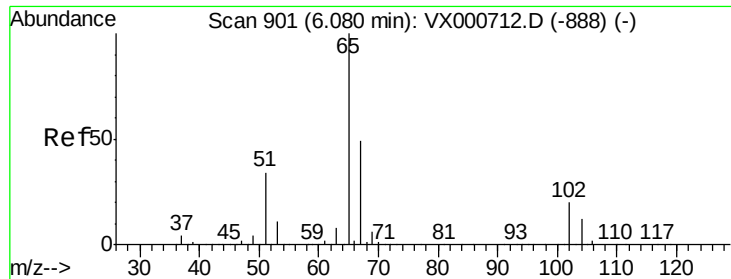
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.2

61 41.5 34.2 51.4

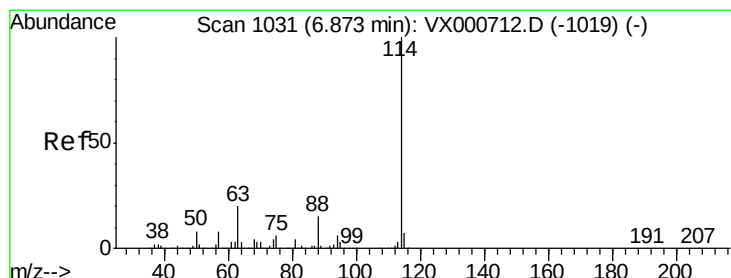
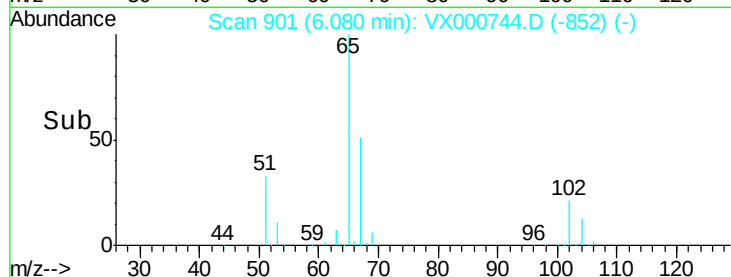
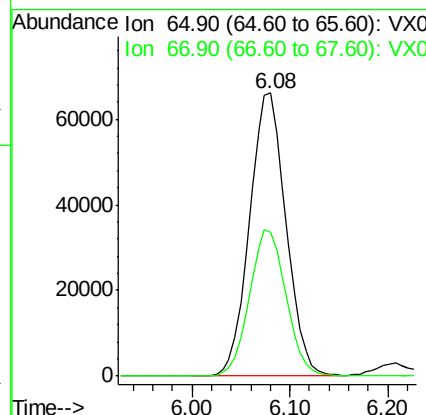
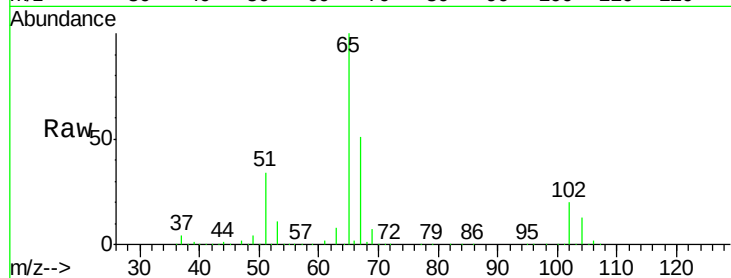




#33
 1,2-Dichloroethane-d4
 Concen: 46.18 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

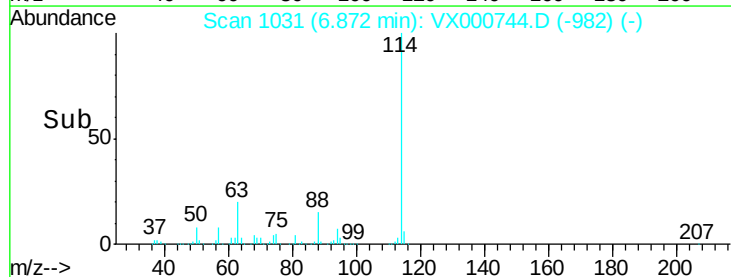
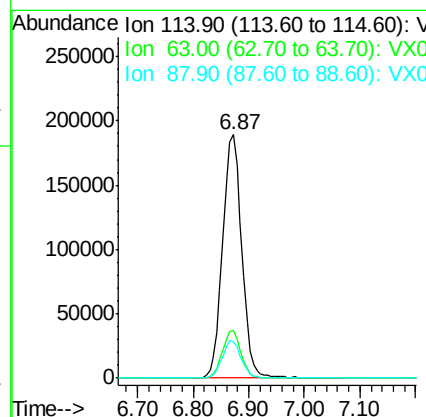
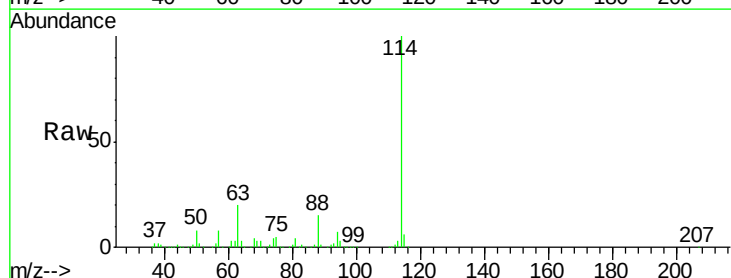
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

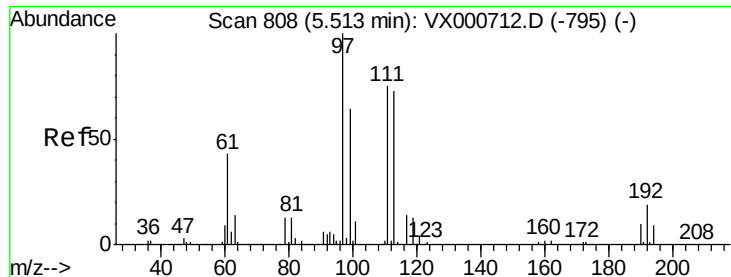
Tgt Ion: 65 Resp: 170851
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

Tgt Ion: 114 Resp: 452481
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.0 0.0 30.6

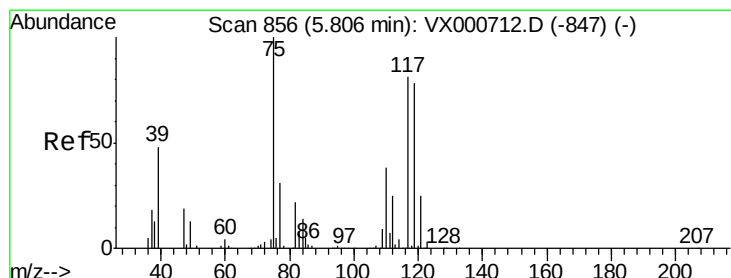
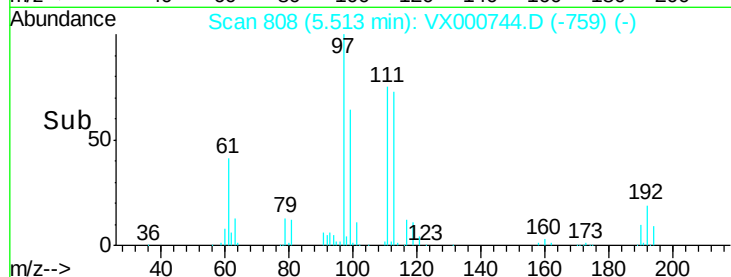
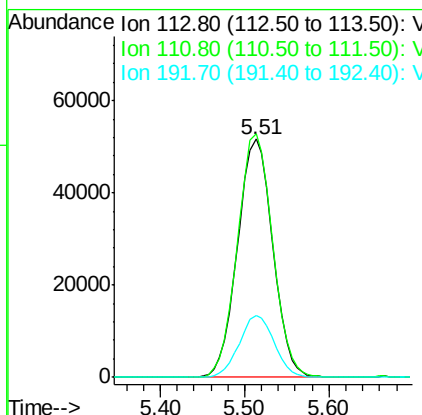
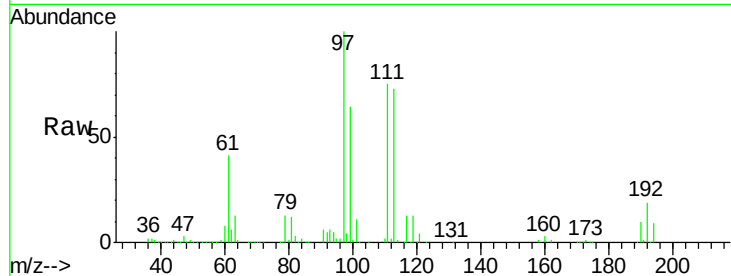




#35
 Dibromofluoromethane
 Concen: 49.95 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

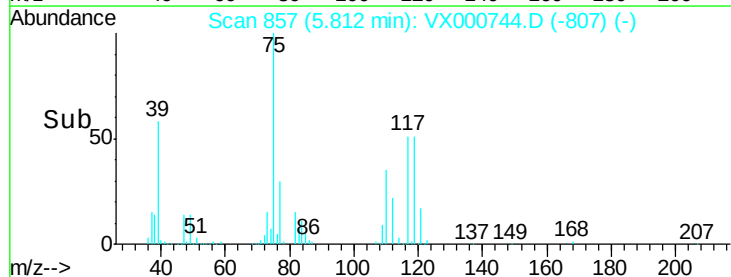
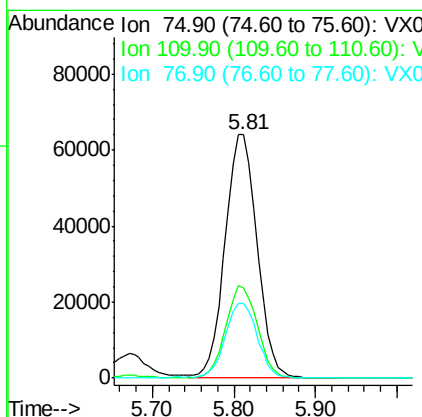
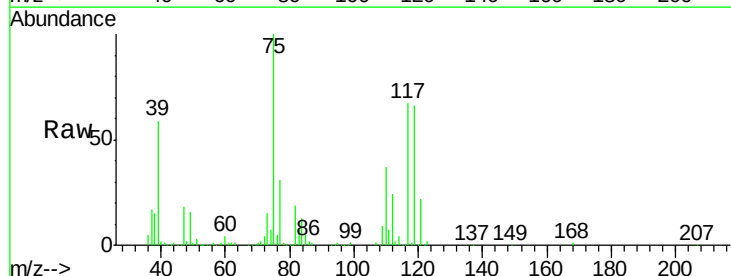
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

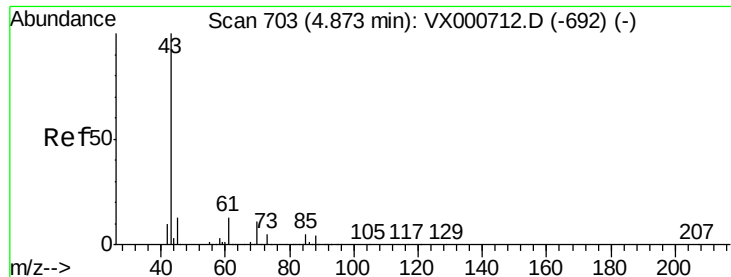
Tgt Ion:113 Resp: 146089
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 25.8 20.0 30.0



#36
 1,1-Dichloropropene
 Concen: 44.71 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

Tgt Ion: 75 Resp: 173258
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.6 56.0
 77 30.3 24.6 37.0

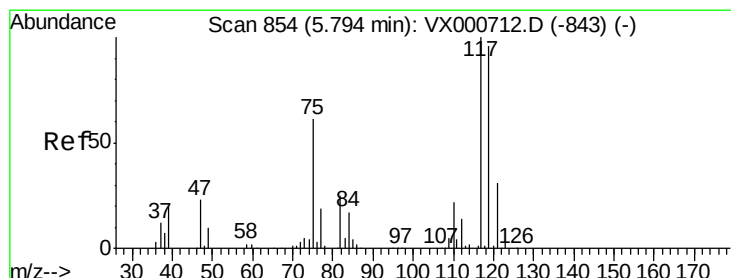
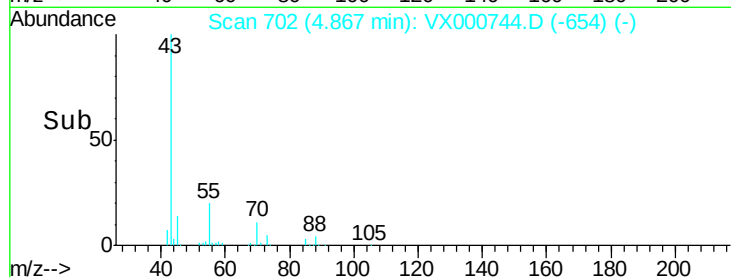
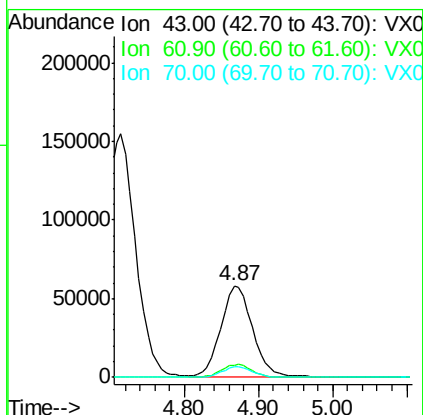
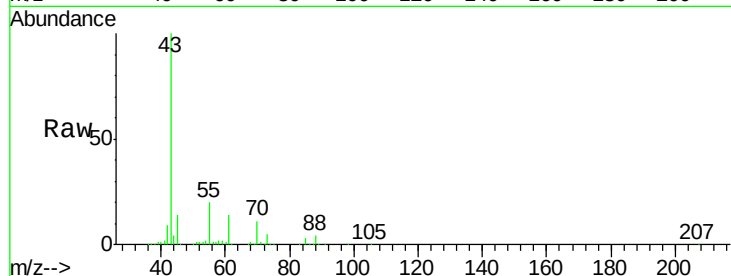




#37
Ethyl Acetate
Concen: 40.67 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

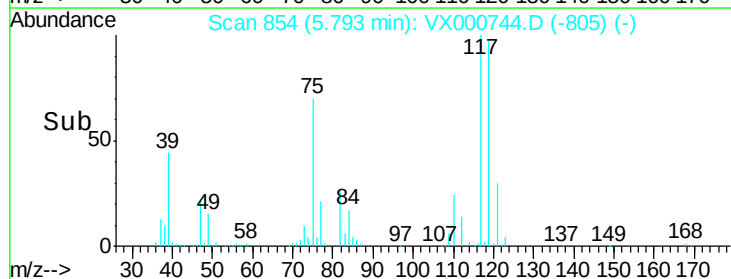
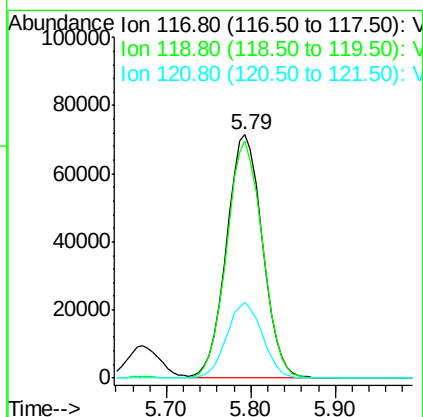
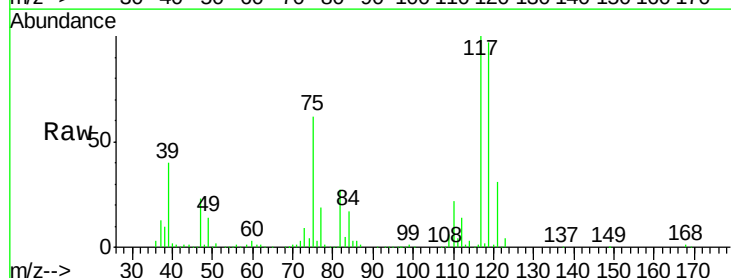
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

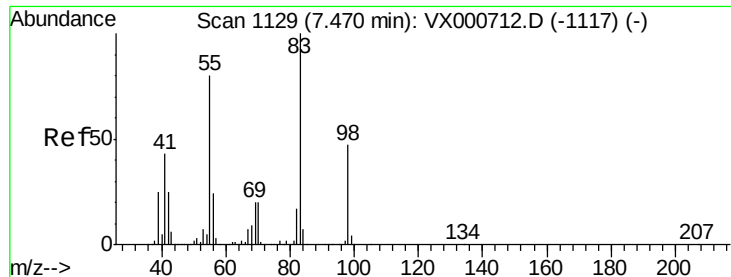
Tgt Ion: 43 Resp: 170115
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 11.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 45.60 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion: 117 Resp: 207078
Ion Ratio Lower Upper
117 100
119 97.5 76.7 115.1
121 31.0 24.7 37.1

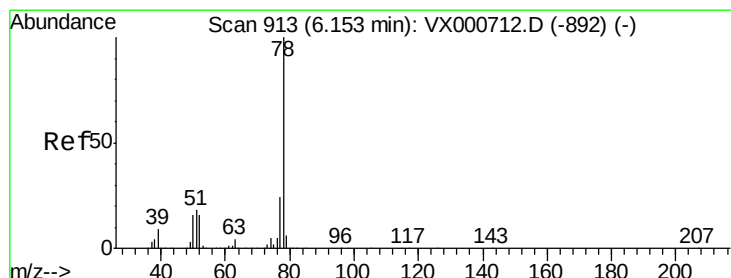
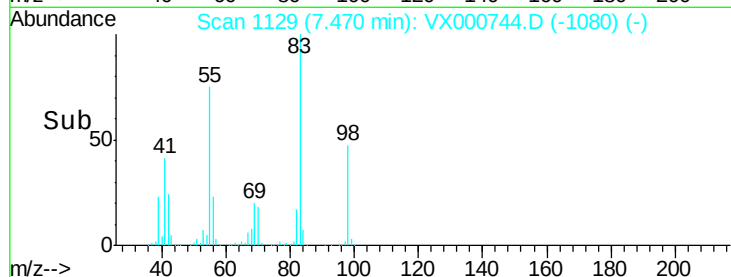
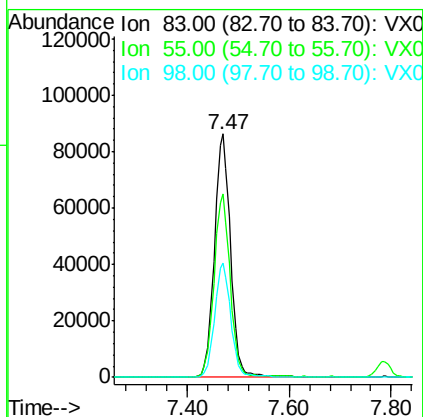
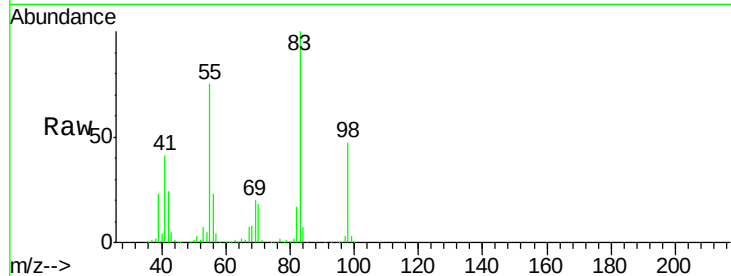




#39
Methylcyclohexane
Concen: 46.52 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

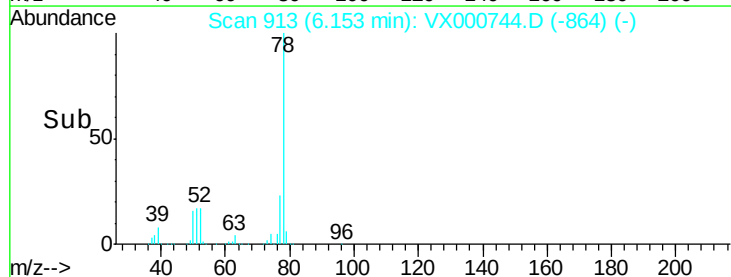
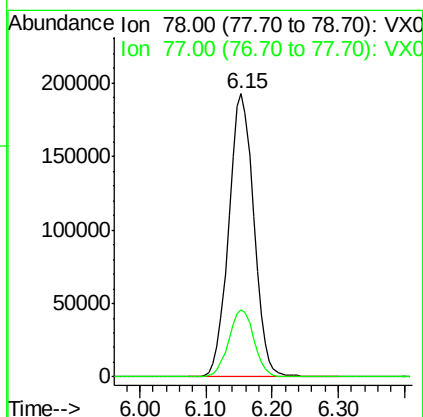
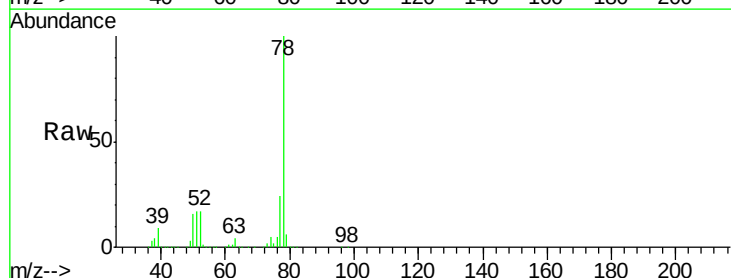
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

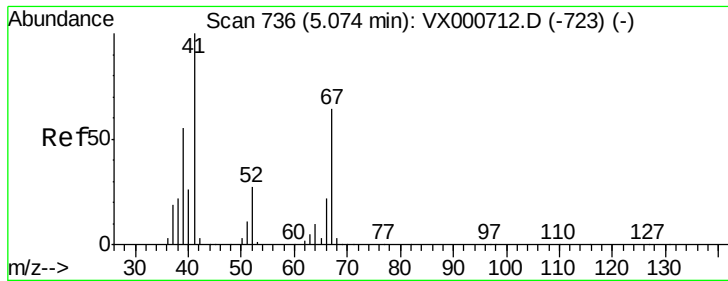
Tgt Ion: 83 Resp: 191313
Ion Ratio Lower Upper
83 100
55 75.1 63.7 95.5
98 47.0 37.2 55.8



#40
Benzene
Concen: 46.58 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion: 78 Resp: 507761
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

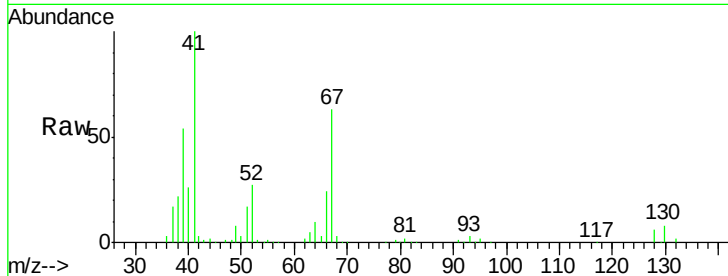




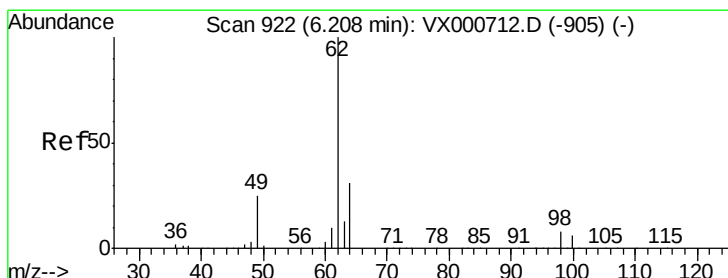
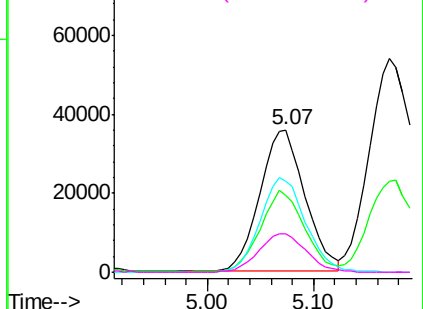
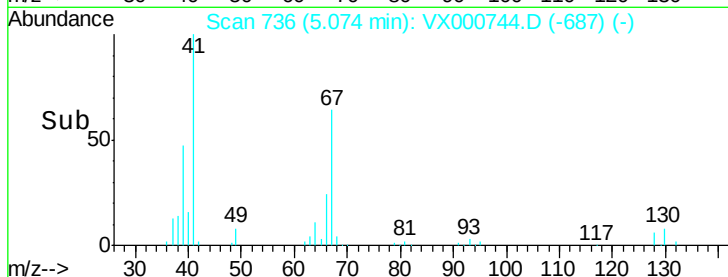
#41
Methacrylonitrile
Concen: 43.55 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

Tgt Ion:	41	Resp:	105535
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.3	67.9
67	67.4	52.7	79.1
52	28.4	22.3	33.5

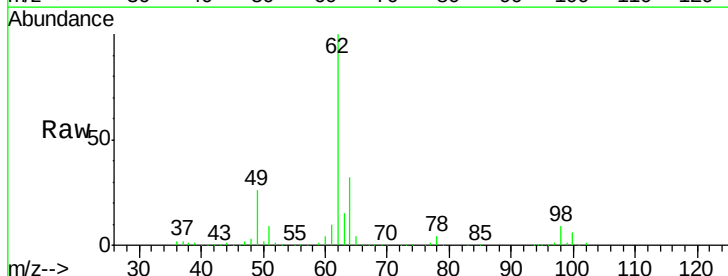


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

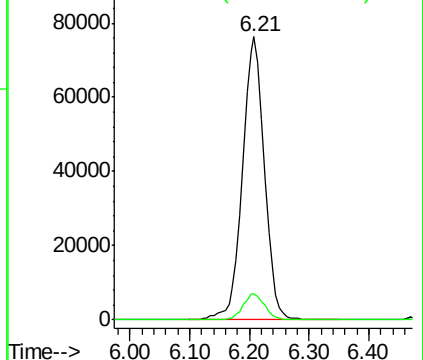
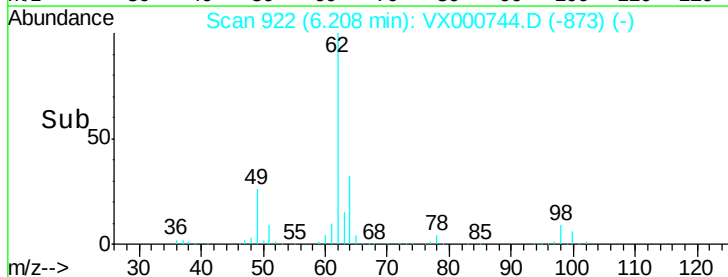


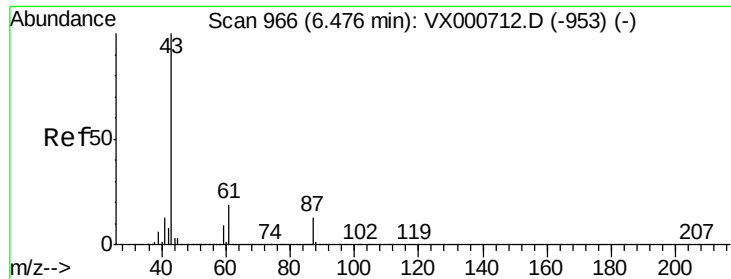
#42
1,2-Dichloroethane
Concen: 45.48 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion:	62	Resp:	195525
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 42.44 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

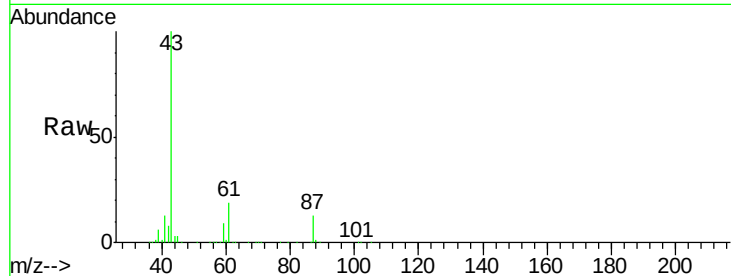
Tgt Ion: 43 Resp: 309135

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

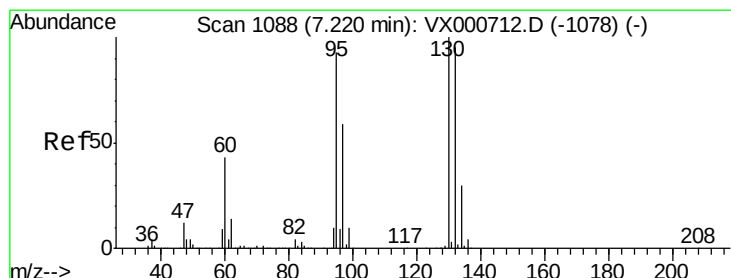
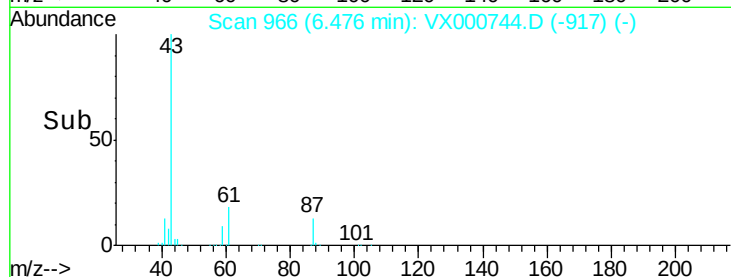
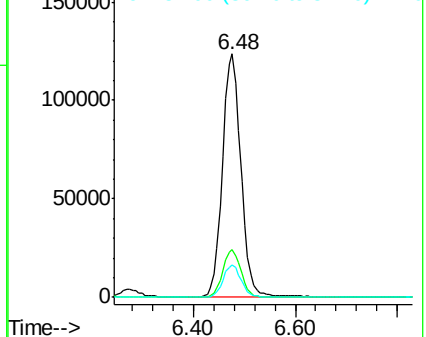
87 13.3 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.40 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000744.D

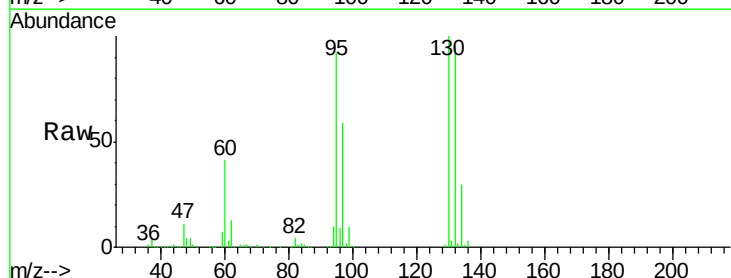
Acq: 08 Apr 2018 20:44

Tgt Ion: 130 Resp: 157014

Ion Ratio Lower Upper

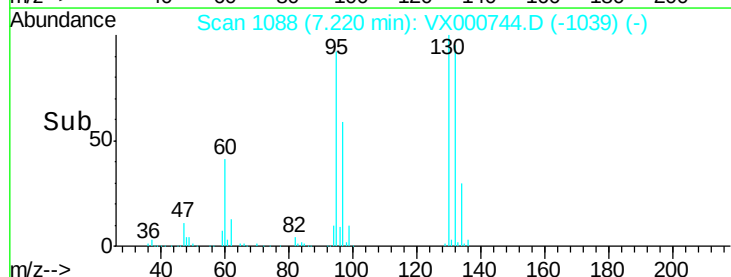
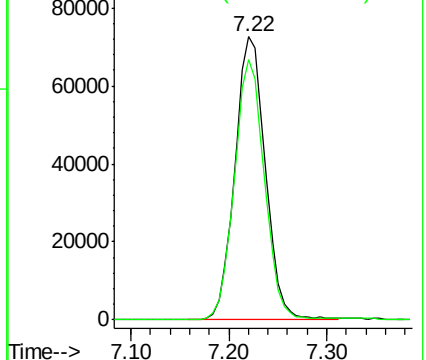
130 100

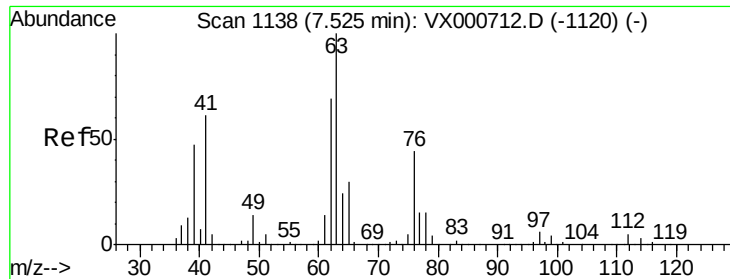
95 91.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

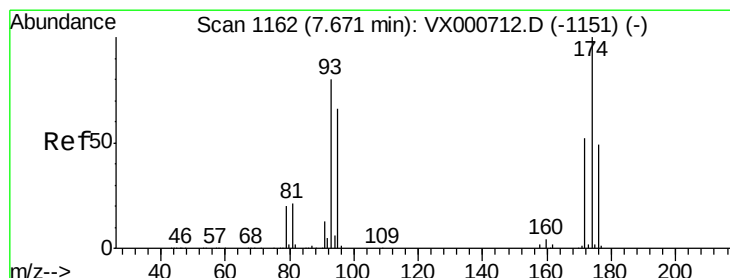
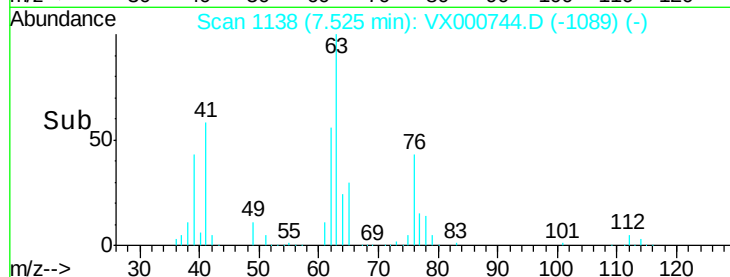
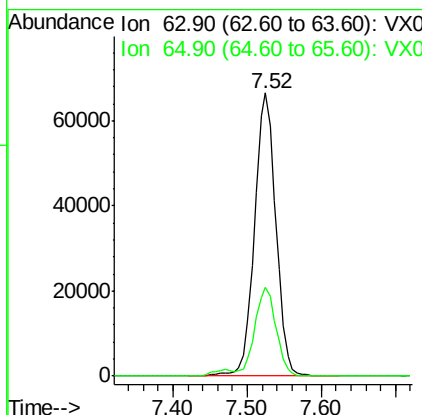
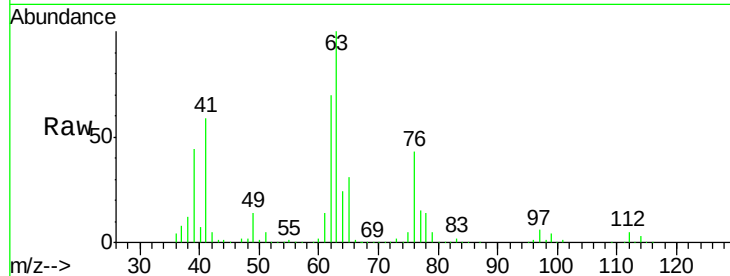




#45
 1,2-Dichloropropane
 Concen: 45.93 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

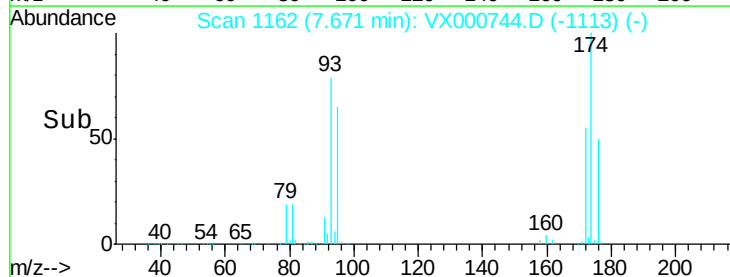
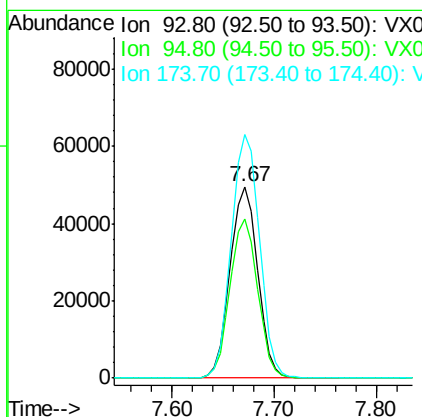
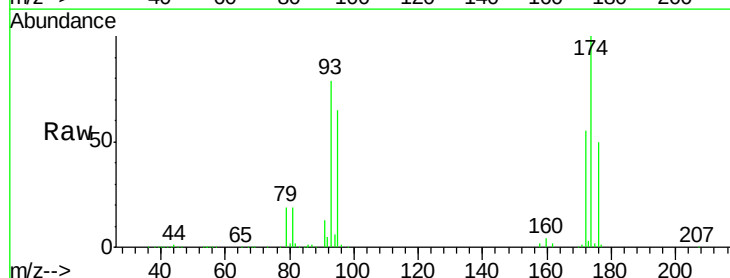
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

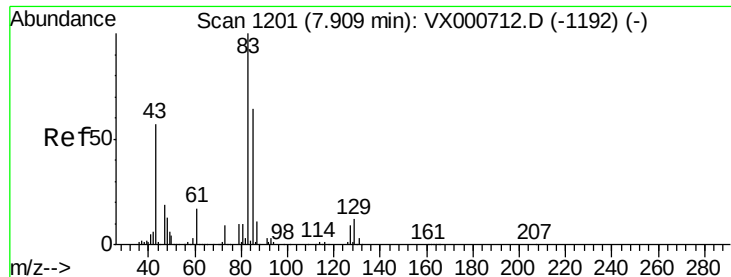
Tgt Ion: 63 Resp: 134252
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.2 36.2



#46
 Dibromomethane
 Concen: 46.04 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

Tgt Ion: 93 Resp: 93387
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.0 99.0
 174 129.2 100.2 150.2





#47

Bromodichloromethane

Concen: 46.76 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

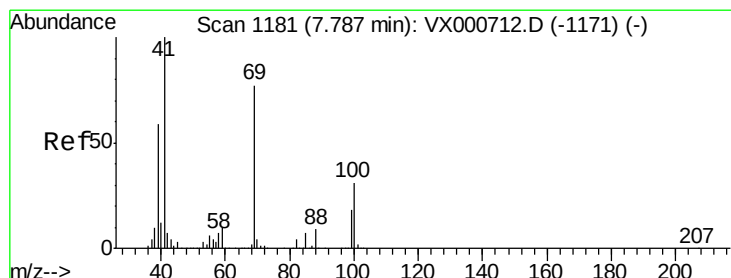
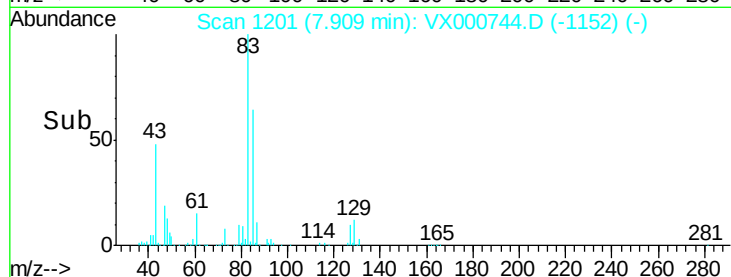
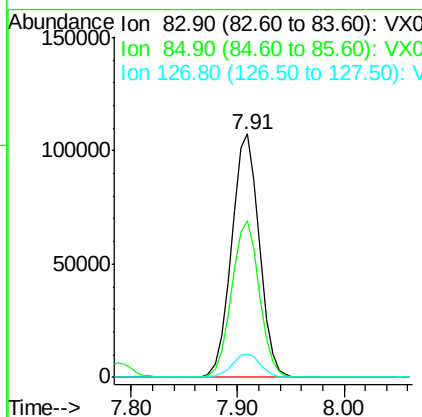
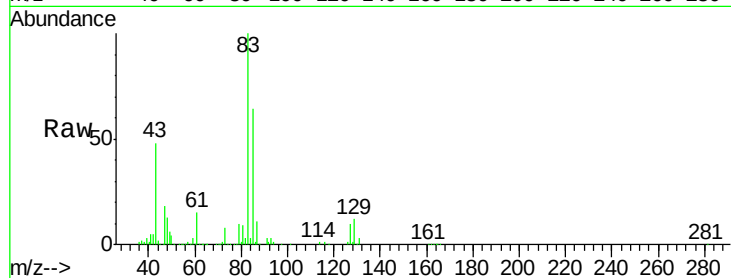
Tgt Ion: 83 Resp: 196250

Ion Ratio Lower Upper

83 100

85 64.0 51.0 76.4

127 9.8 7.4 11.2



#48

Methyl methacrylate

Concen: 44.50 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

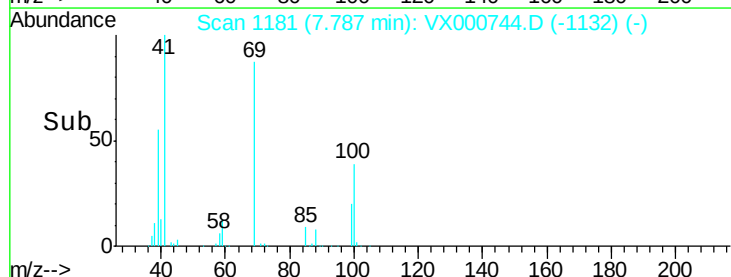
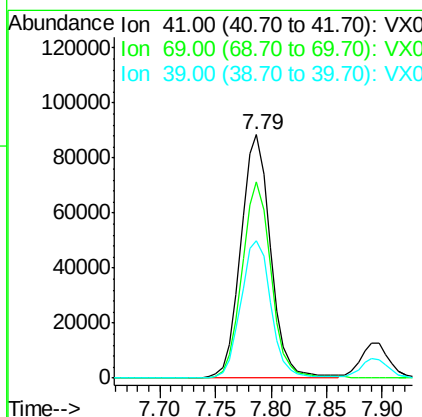
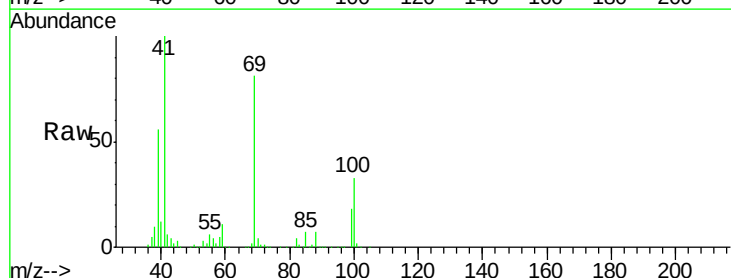
Tgt Ion: 41 Resp: 163083

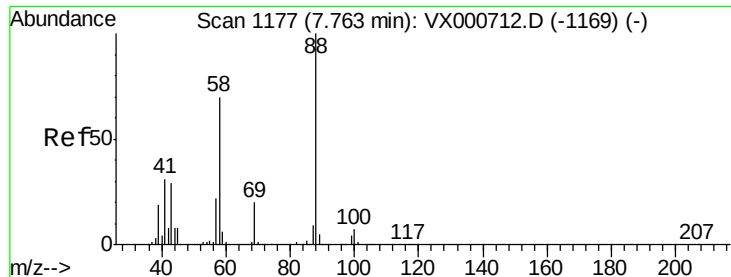
Ion Ratio Lower Upper

41 100

69 79.4 62.0 93.0

39 57.1 47.0 70.4





#49

1,4-Dioxane

Concen: 754.46 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

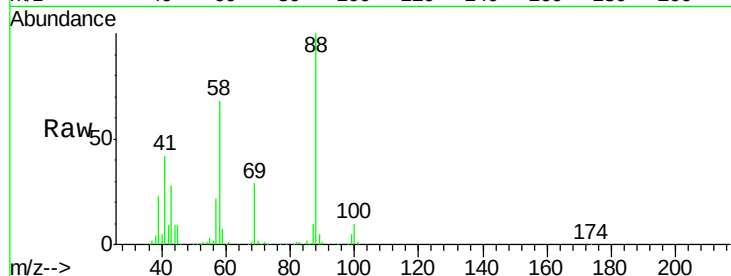
Tgt Ion: 88 Resp: 54879

Ion Ratio Lower Upper

88 100

43 34.4 27.9 41.9

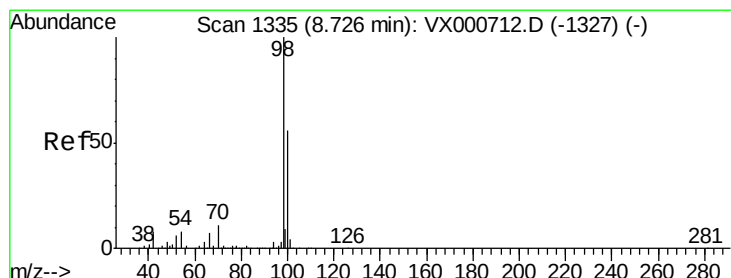
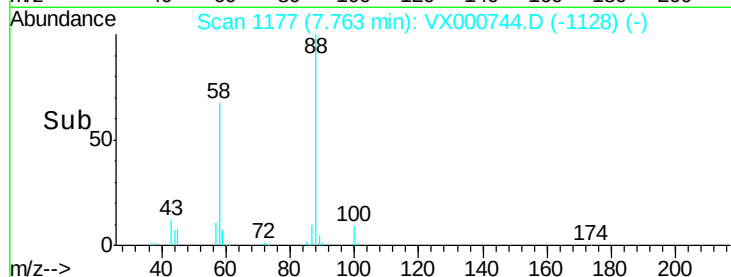
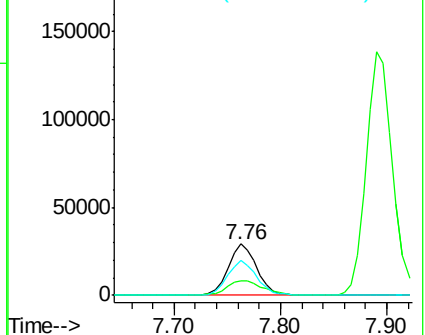
58 69.3 57.0 85.4



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: 48.29 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000744.D

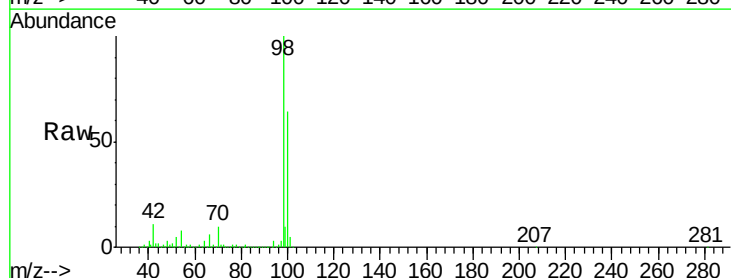
Acq: 08 Apr 2018 20:44

Tgt Ion: 98 Resp: 535292

Ion Ratio Lower Upper

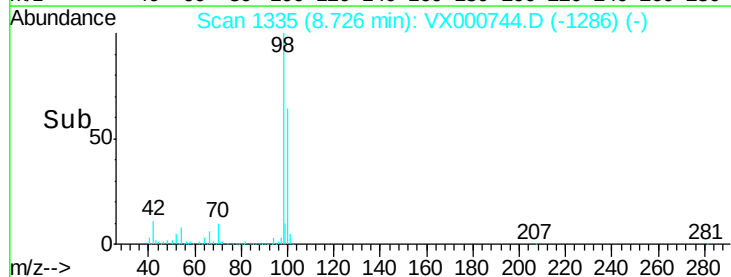
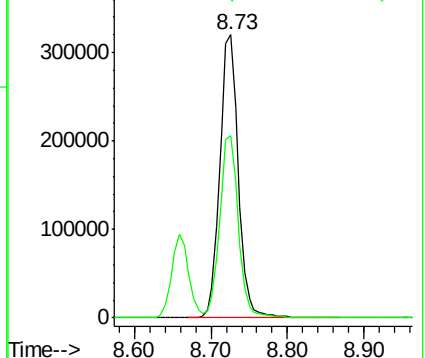
98 100

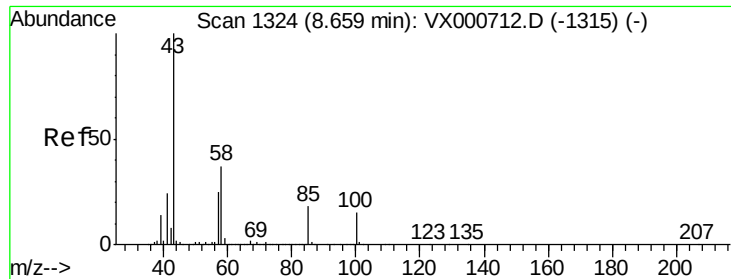
100 65.0 52.6 78.8



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: 219.58 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

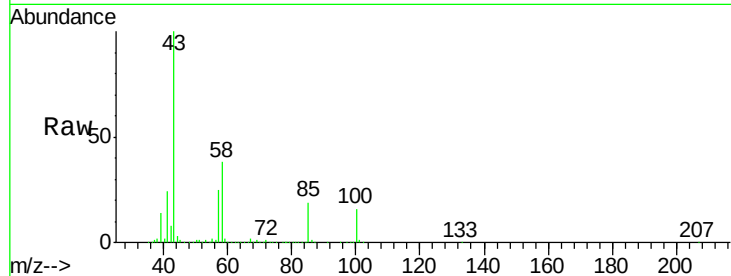
MW-19-040218MSD

Tgt Ion: 43 Resp: 926745

Ion Ratio Lower Upper

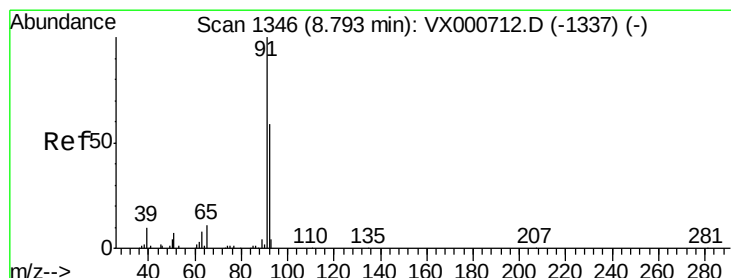
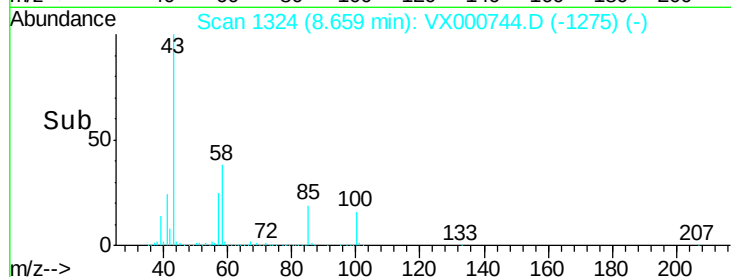
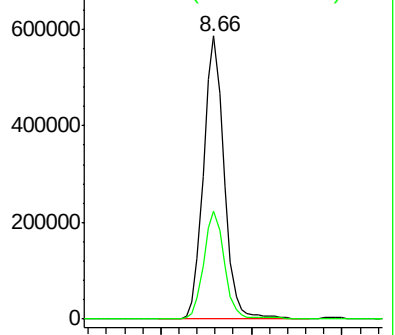
43 100

58 37.9 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.43 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000744.D

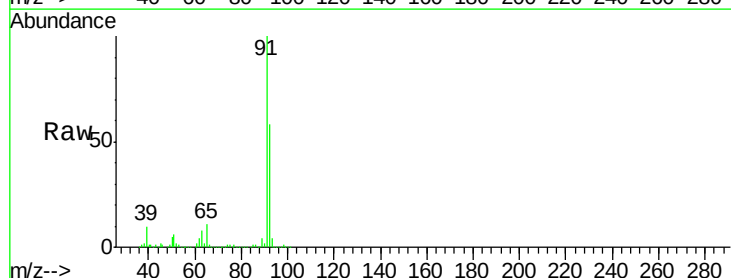
Acq: 08 Apr 2018 20:44

Tgt Ion: 92 Resp: 337400

Ion Ratio Lower Upper

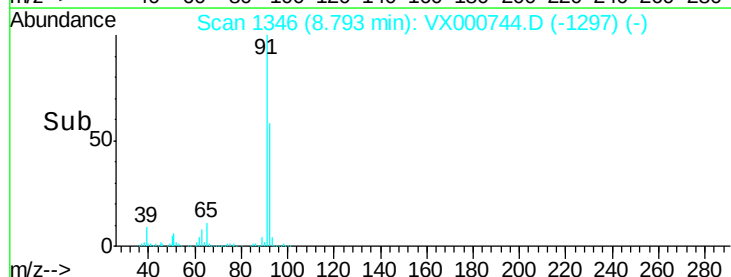
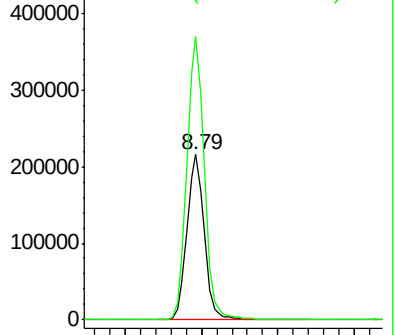
92 100

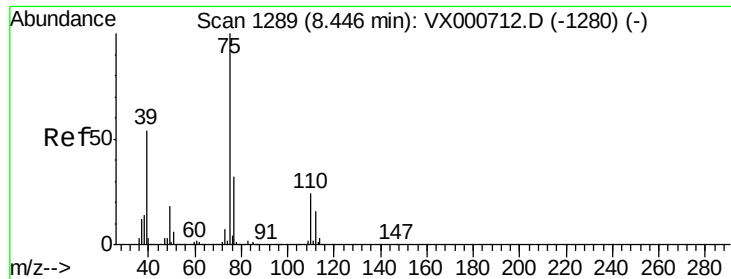
91 172.4 136.4 204.6



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: 45.13 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

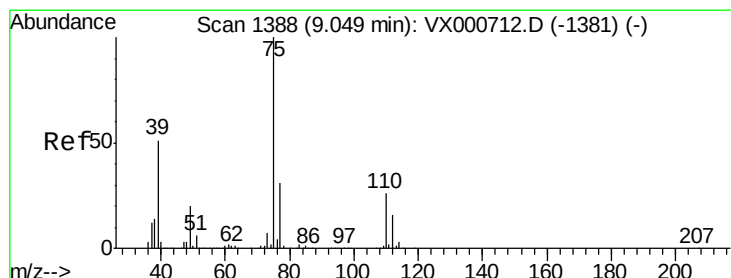
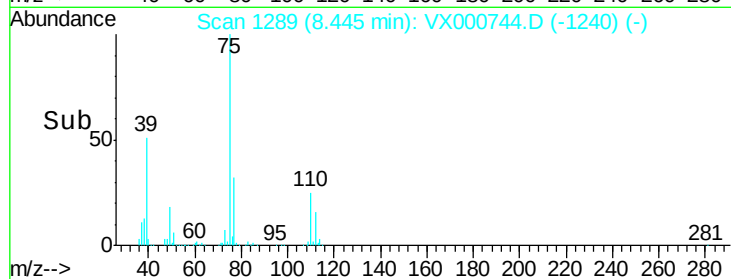
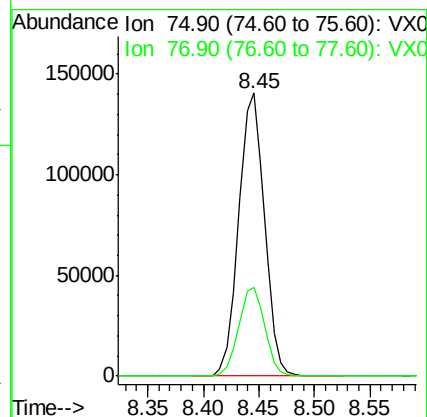
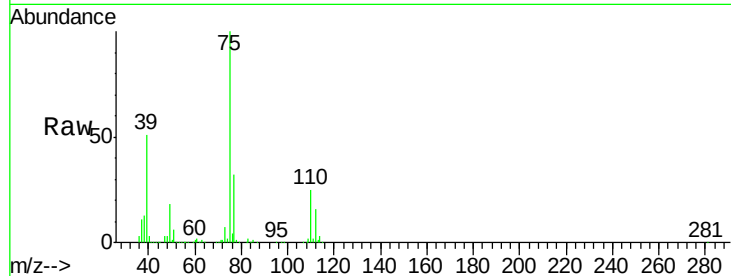
MW-19-040218MSD

Tgt Ion: 75 Resp: 225412

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 44.79 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

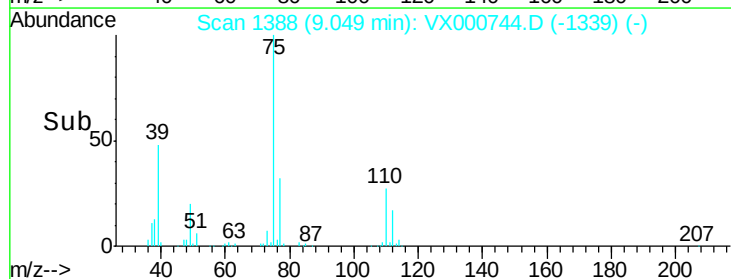
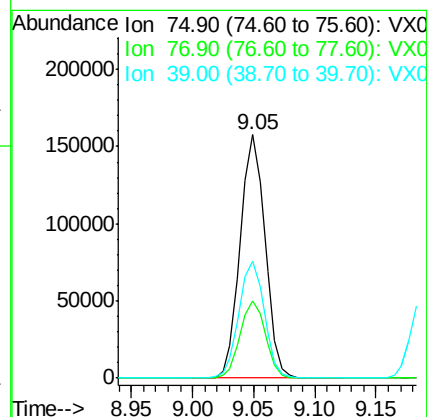
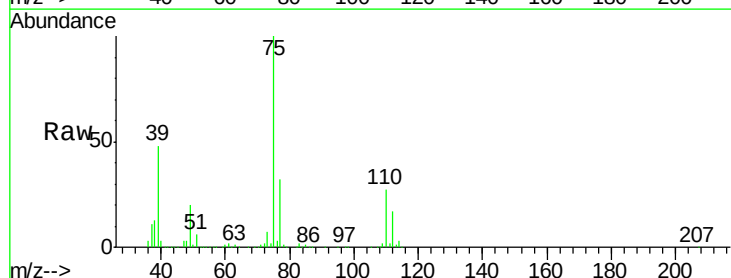
Tgt Ion: 75 Resp: 222129

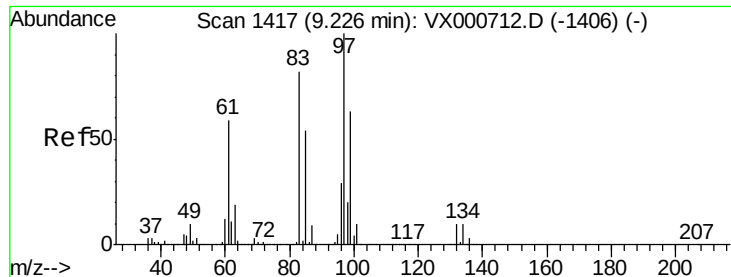
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 47.8 40.5 60.7

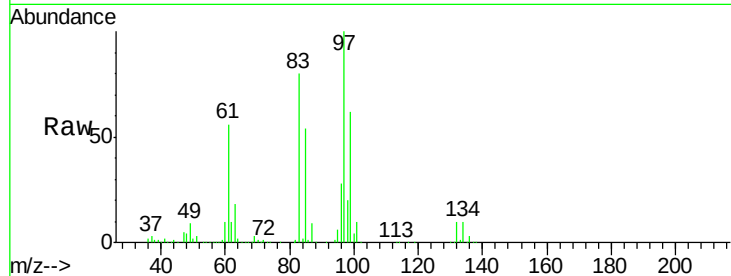




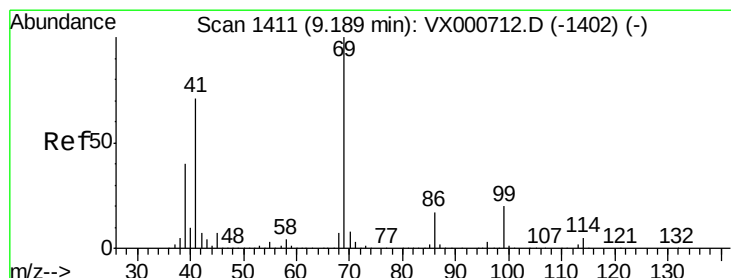
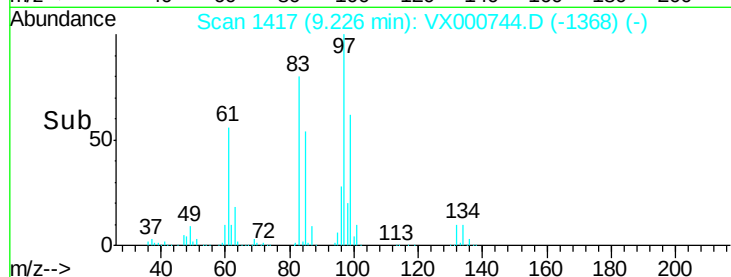
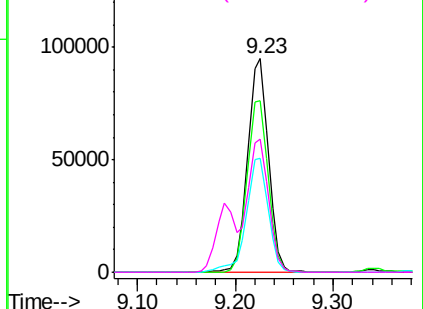
#55
 1,1,2-Trichloroethane
 Concen: 47.37 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

Tgt Ion:	97	Resp:	140022
Ion	Ratio	Lower	Upper
97	100		
83	80.4	65.7	98.5
85	53.5	42.8	64.2
99	62.4	50.6	76.0

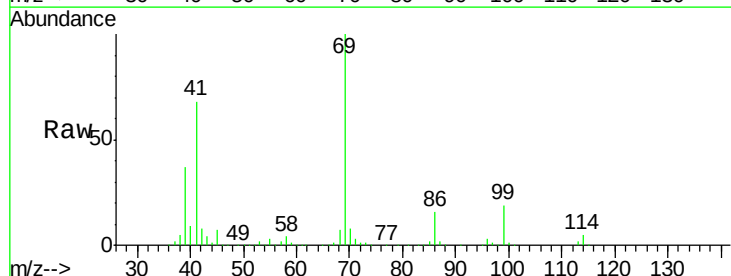


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

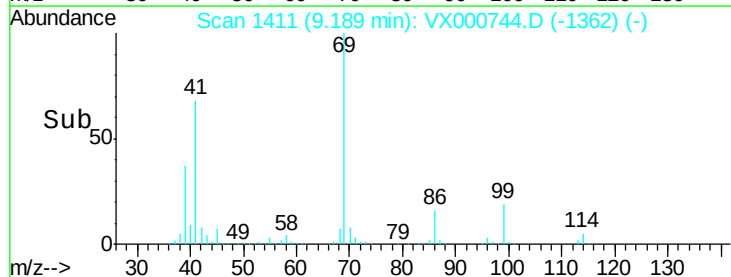
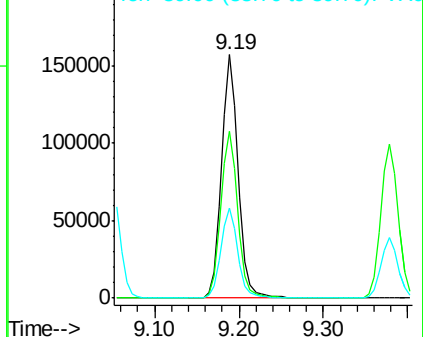


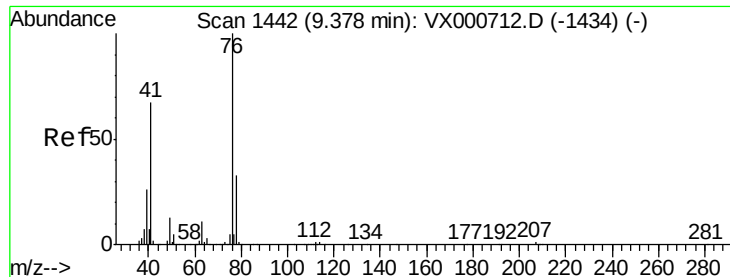
#56
 Ethyl methacrylate
 Concen: 45.69 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

Tgt Ion:	69	Resp:	215389
Ion	Ratio	Lower	Upper
69	100		
41	69.5	56.4	84.6
39	37.2	31.4	47.2



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: 46.28 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

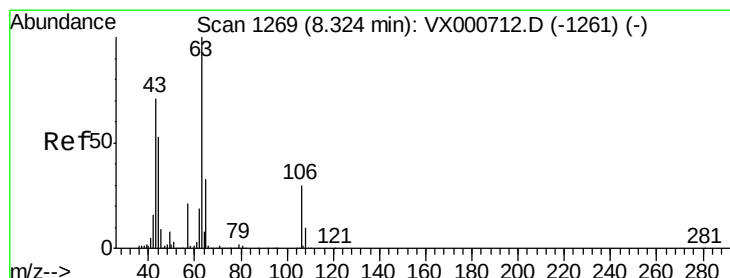
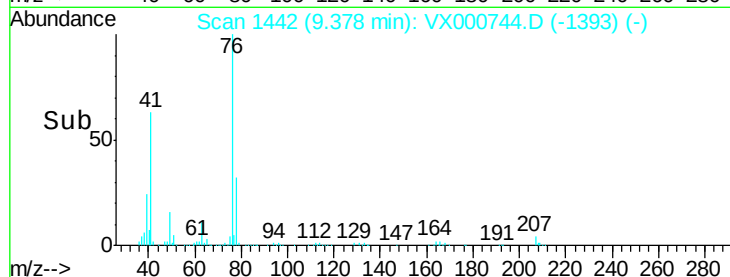
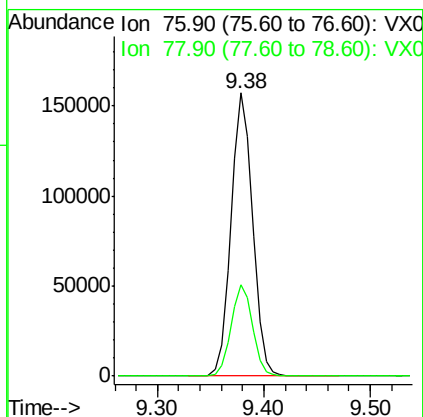
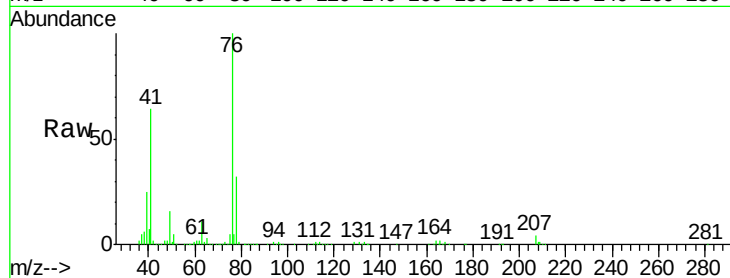
MW-19-040218MSD

Tgt Ion: 76 Resp: 223799

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 0.97 ug/l

RT: 8.26 min Scan# 1258

Delta R.T. -0.07 min

Lab File: VX000744.D

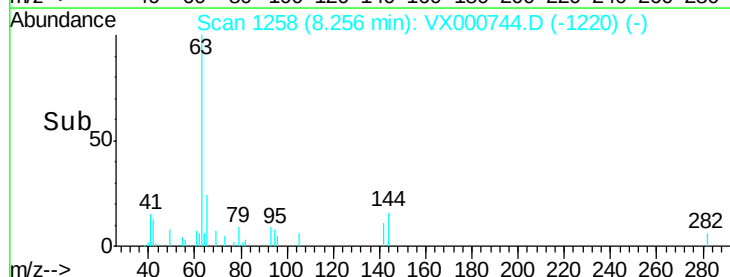
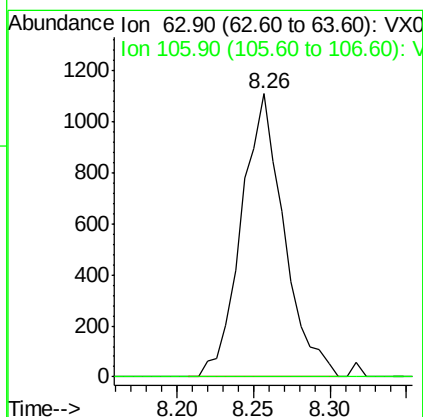
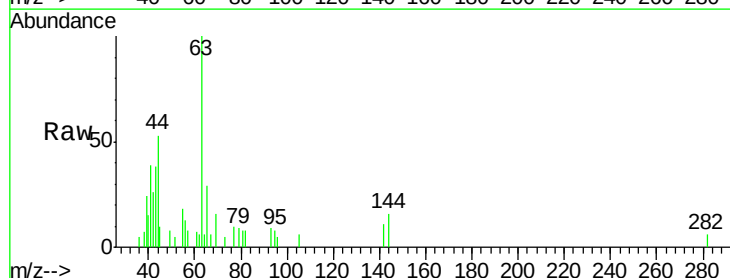
Acq: 08 Apr 2018 20:44

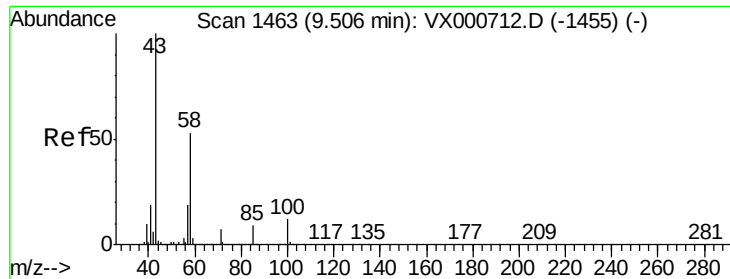
Tgt Ion: 63 Resp: 2152

Ion Ratio Lower Upper

63 100

106 0.0 24.0 36.0#

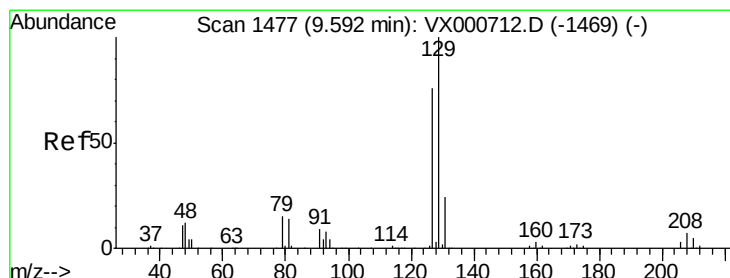
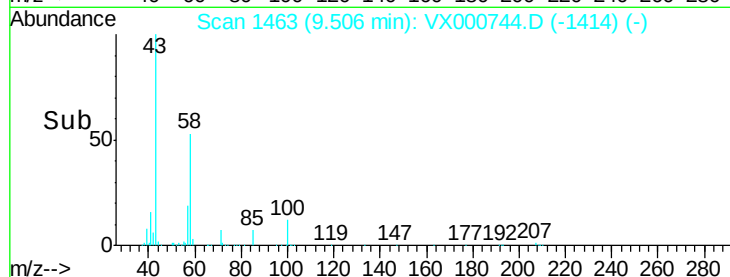
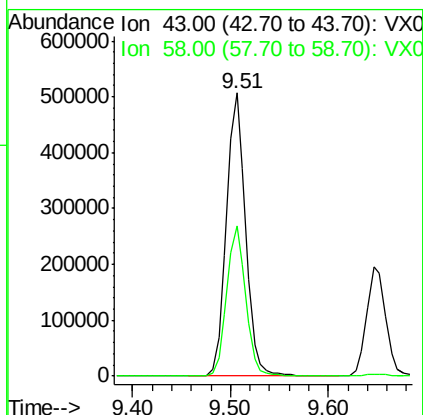
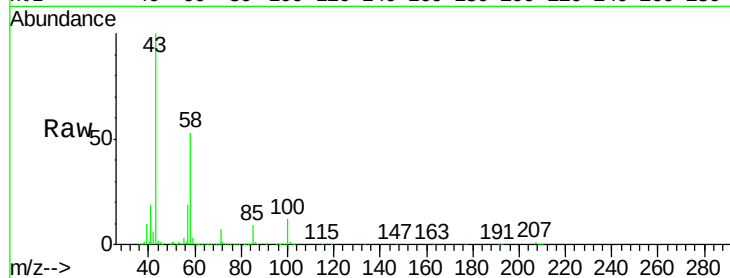




#59
2-Hexanone
Concen: 213.96 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

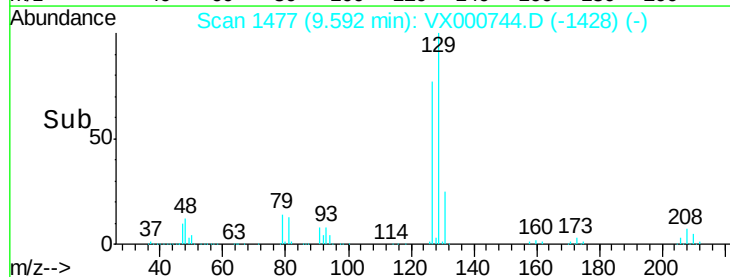
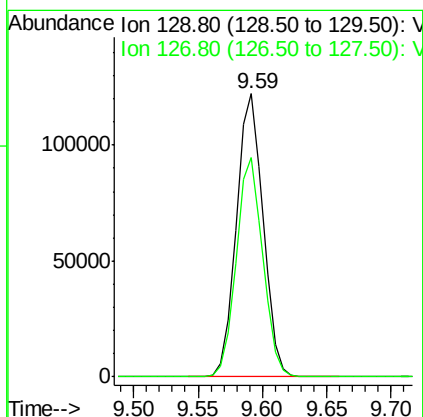
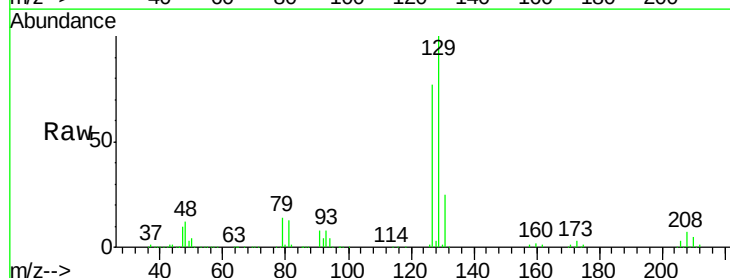
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

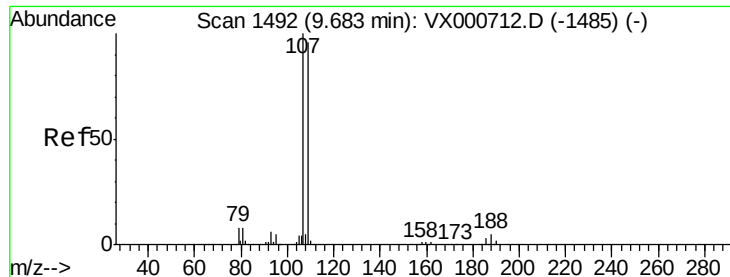
Tgt Ion: 43 Resp: 689182
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8



#60
Dibromochloromethane
Concen: 47.57 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion: 129 Resp: 175413
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 45.64 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

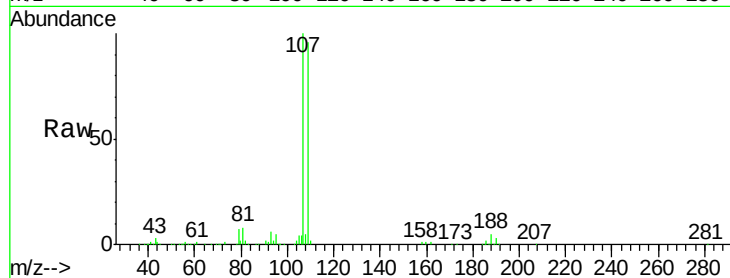
MW-19-040218MSD

Tgt Ion: 107 Resp: 144884

Ion Ratio Lower Upper

107 100

109 96.1 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

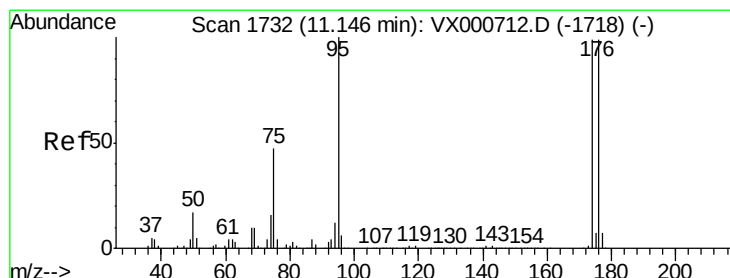
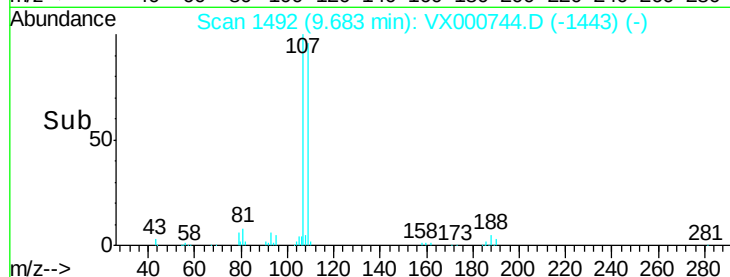
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.69 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

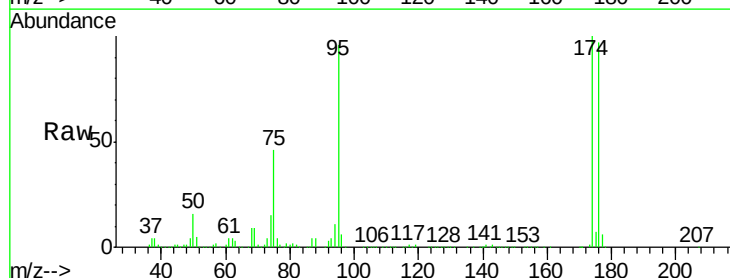
Tgt Ion: 95 Resp: 214941

Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.6

176 96.3 0.0 187.0



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

11.15

200000

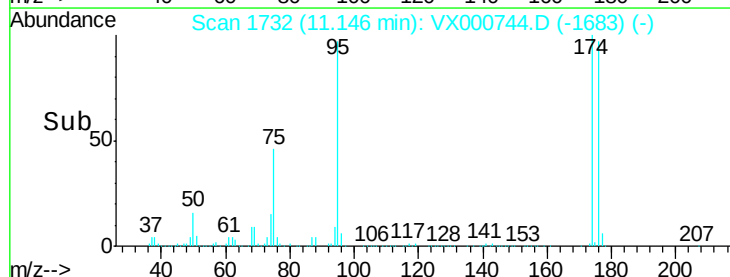
150000

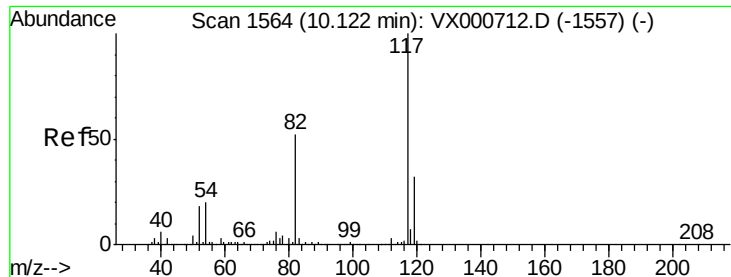
100000

50000

0

Time-->

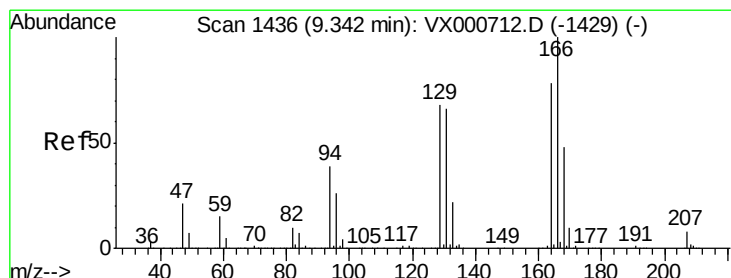
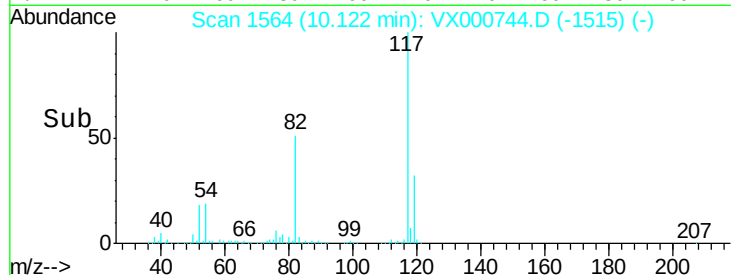
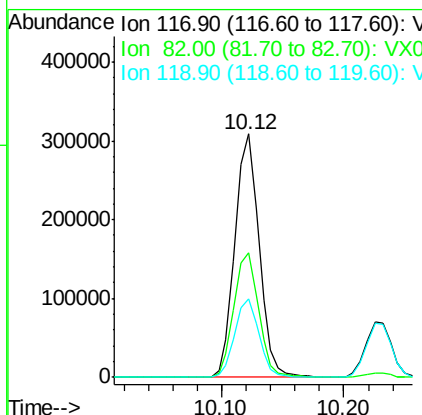
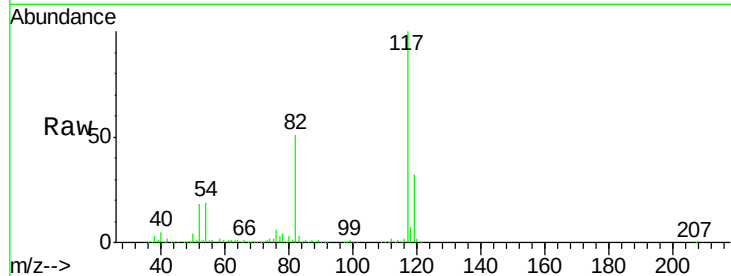




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

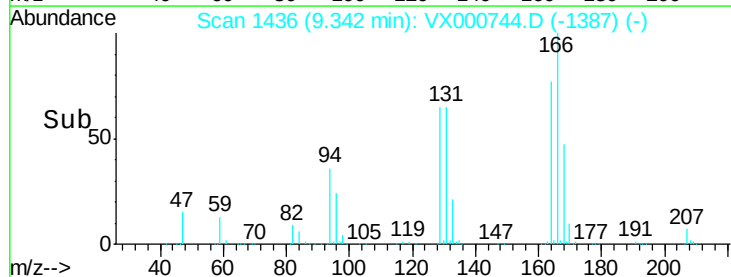
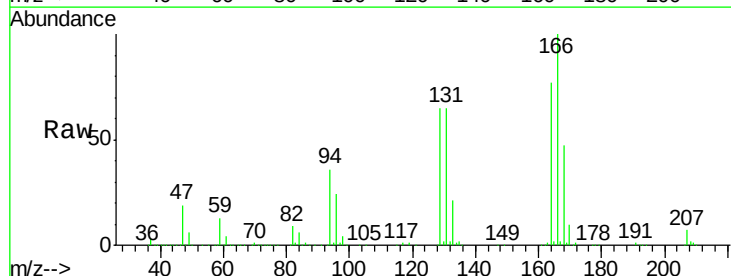
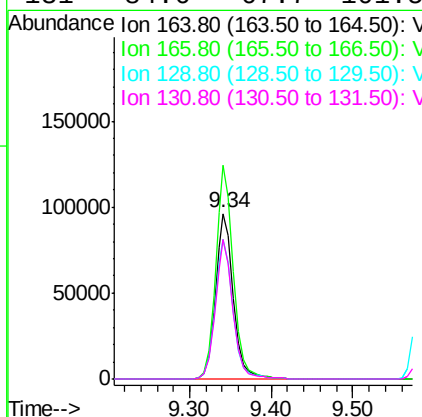
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

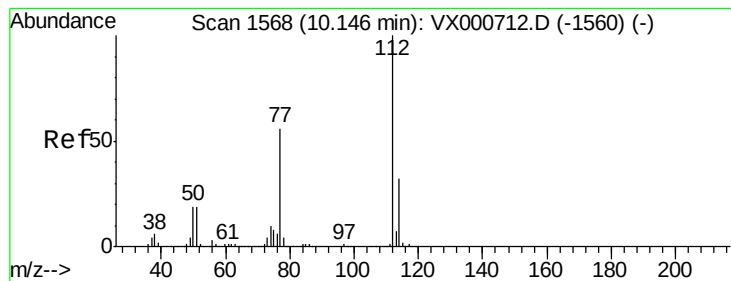
Tgt Ion:117 Resp: 424315
Ion Ratio Lower Upper
117 100
82 51.4 41.9 62.9
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 44.35 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion:164 Resp: 147544
Ion Ratio Lower Upper
164 100
166 129.3 102.4 153.6
129 84.3 69.3 103.9
131 84.6 67.7 101.5





#65

Chlorobenzene

Concen: 46.36 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

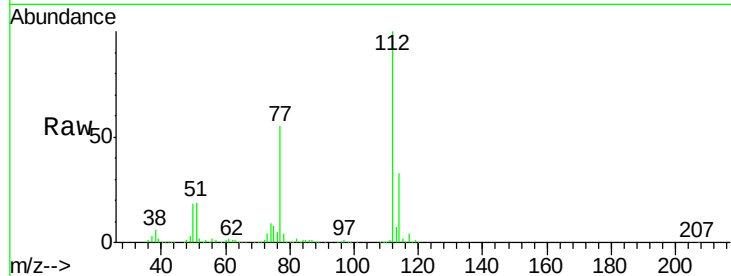
MW-19-040218MSD

Tgt Ion:112 Resp: 404923

Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

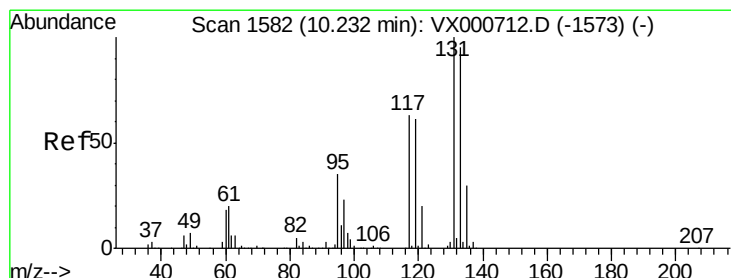
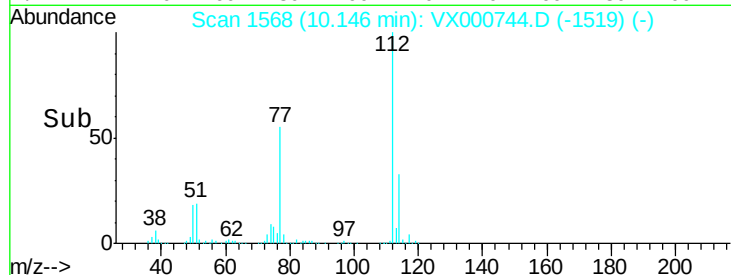
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 46.78 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

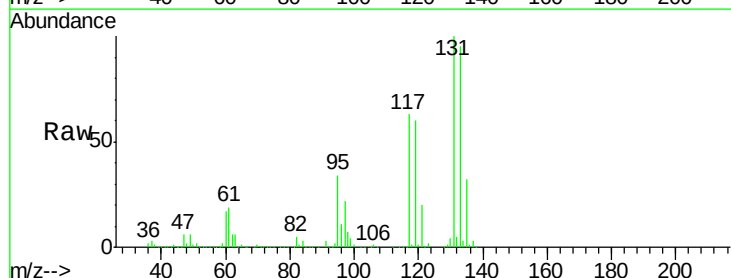
Tgt Ion:131 Resp: 159534

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

119 62.4 31.5 94.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

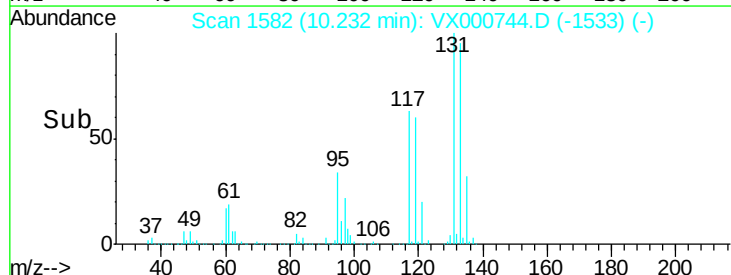
150000

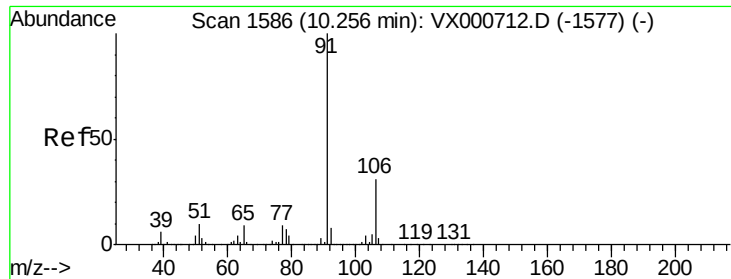
100000

50000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 45.69 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

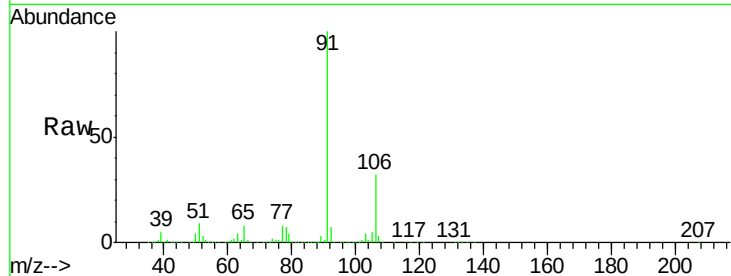
MW-19-040218MSD

Tgt Ion: 91 Resp: 669299

Ion Ratio Lower Upper

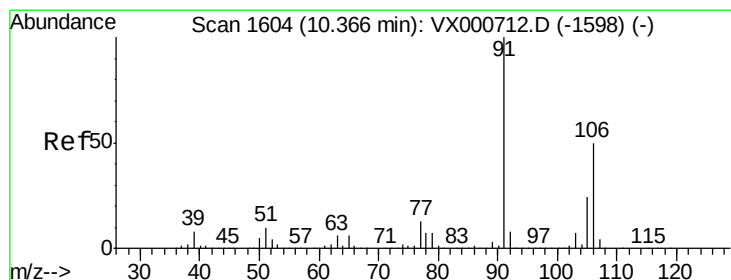
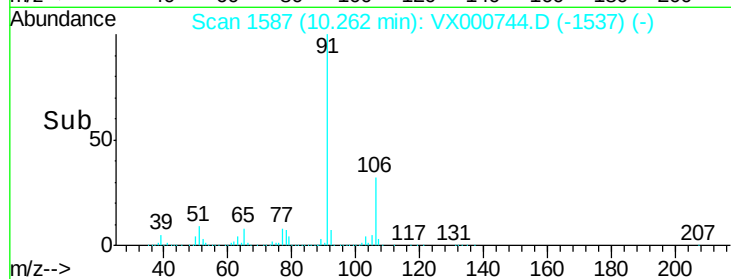
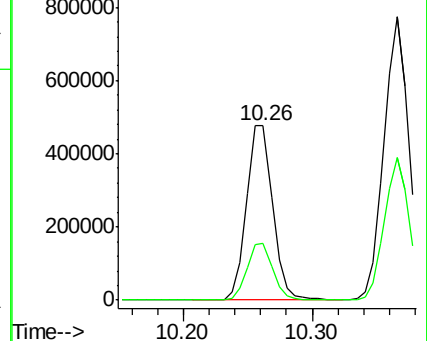
91 100

106 32.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 92.39 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000744.D

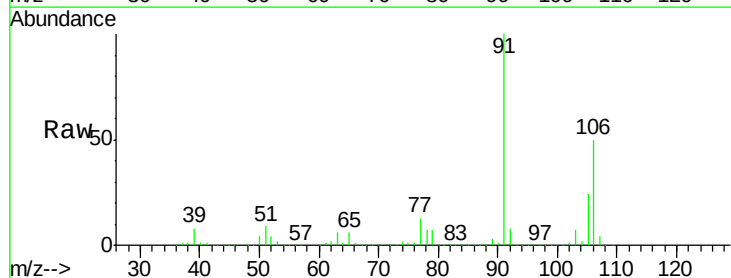
Acq: 08 Apr 2018 20:44

Tgt Ion: 106 Resp: 529526

Ion Ratio Lower Upper

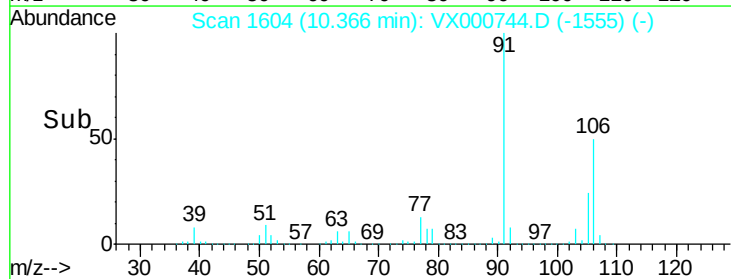
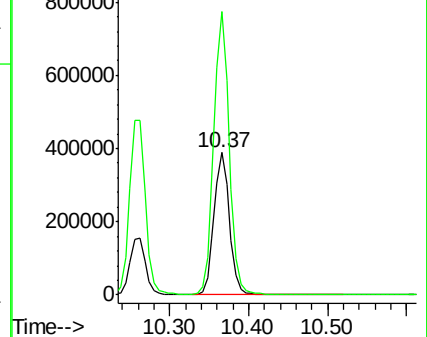
106 100

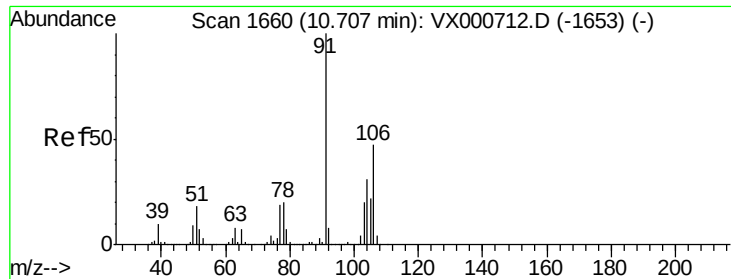
91 199.1 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

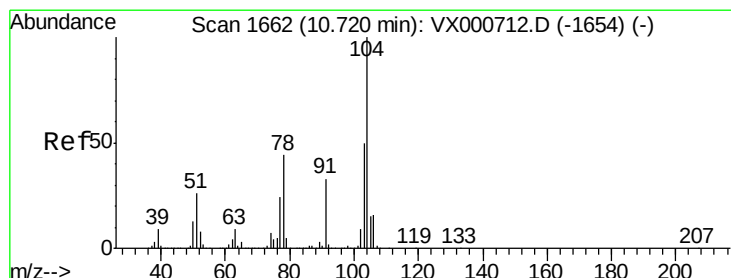
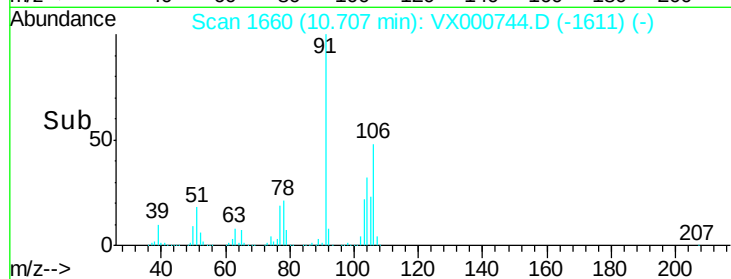
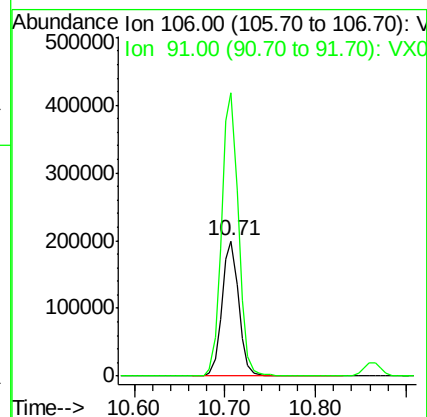
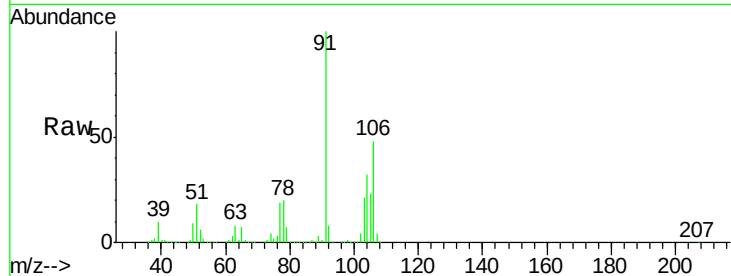




#69
o-Xylene
Concen: 45.87 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

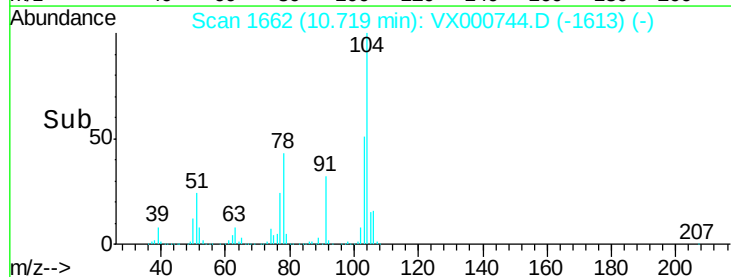
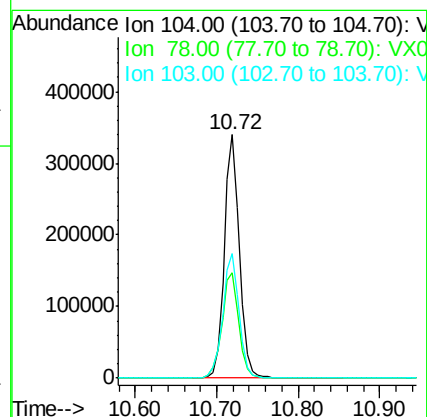
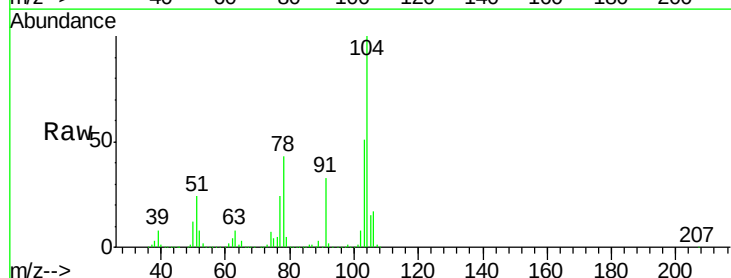
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

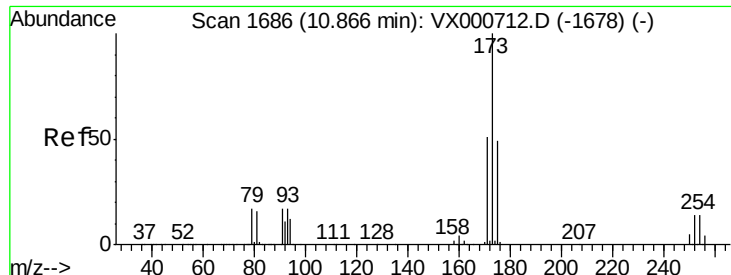
Tgt Ion:106 Resp: 257998
Ion Ratio Lower Upper
106 100
91 211.6 106.1 318.3



#70
Styrene
Concen: 46.16 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion:104 Resp: 438604
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 55.6 44.1 66.1





#71

Bromoform

Concen: 46.51 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

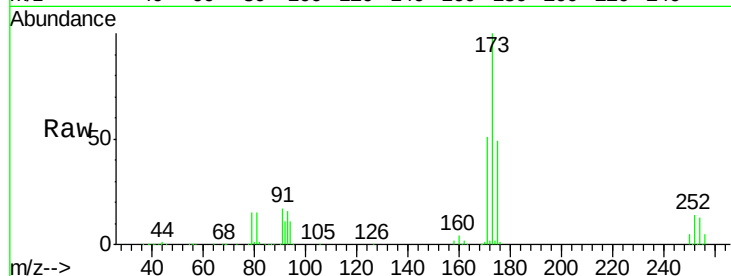
Tgt Ion:173 Resp: 150159

Ion Ratio Lower Upper

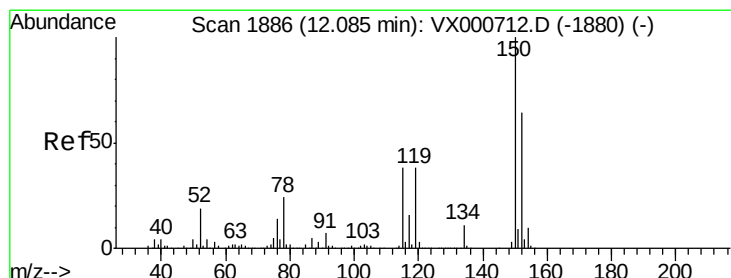
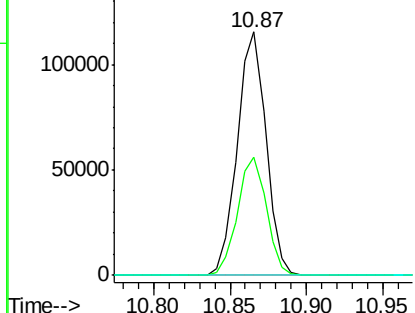
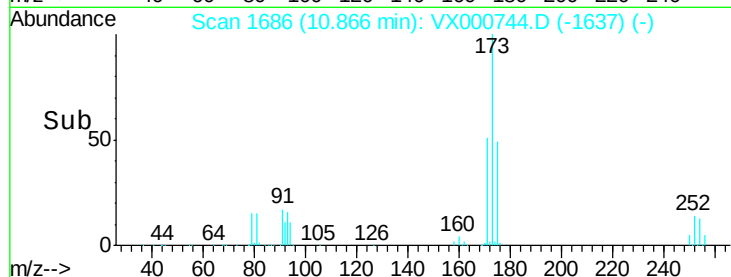
173 100

175 49.1 24.2 72.6

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

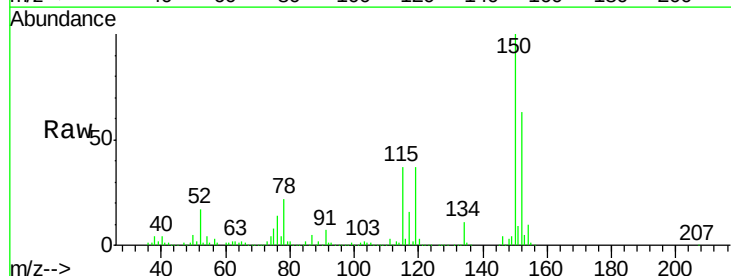
Tgt Ion:152 Resp: 251717

Ion Ratio Lower Upper

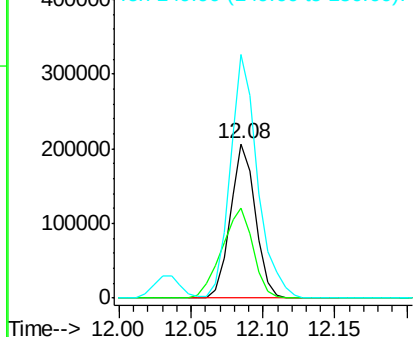
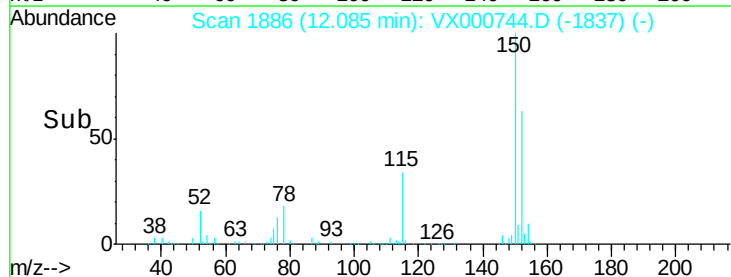
152 100

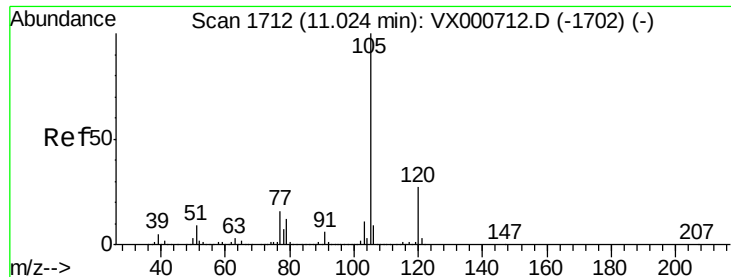
115 72.7 37.7 113.1

150 172.0 0.0 345.0



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: 46.58 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

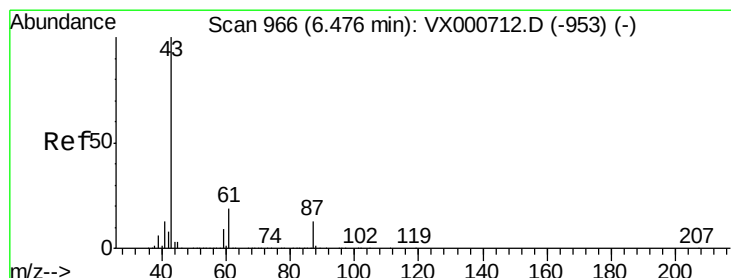
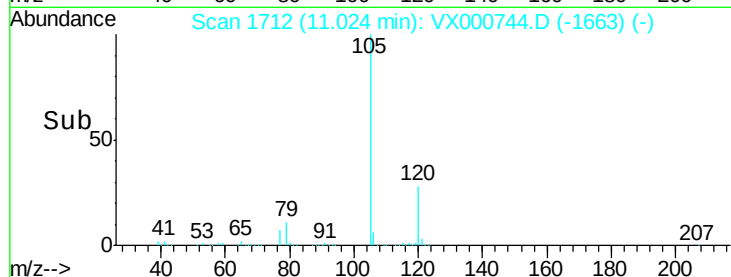
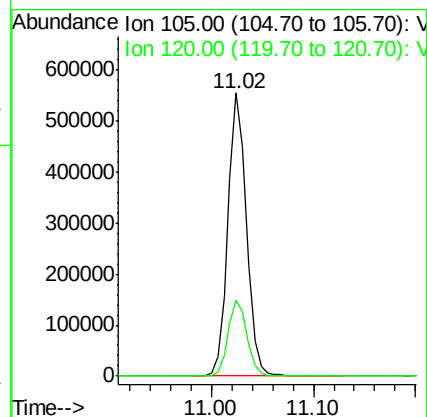
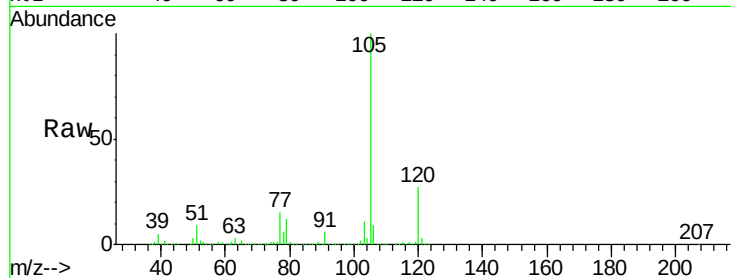
MW-19-040218MSD

Tgt Ion: 105 Resp: 700916

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.0



#74

N-ethyl acetate

Concen: 42.21 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Tgt Ion: 43 Resp: 309135

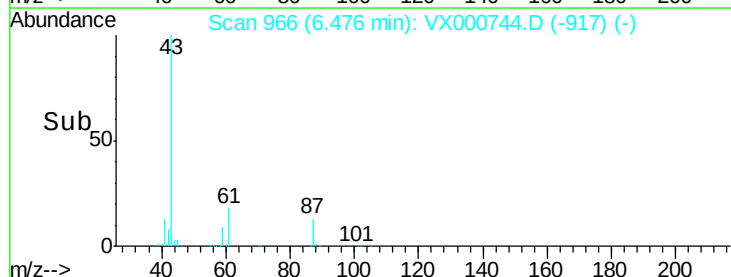
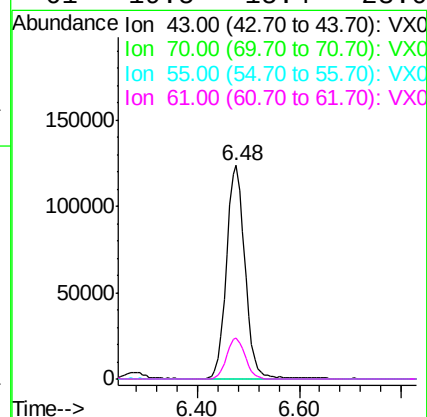
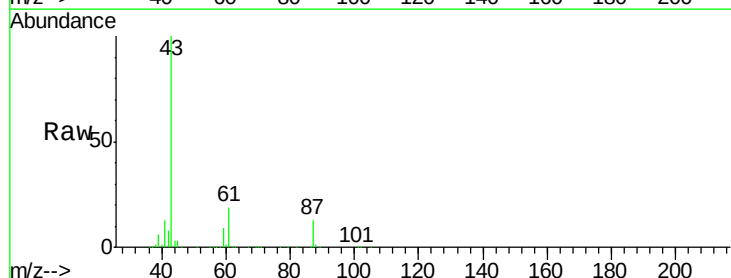
Ion Ratio Lower Upper

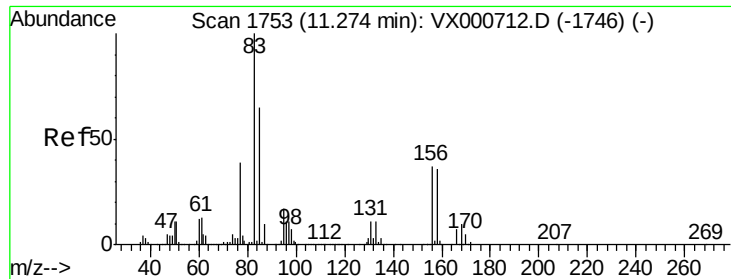
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 19.5 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

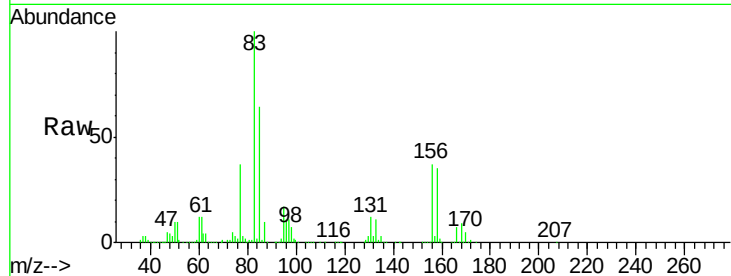
Tgt Ion: 83 Resp: 206891

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

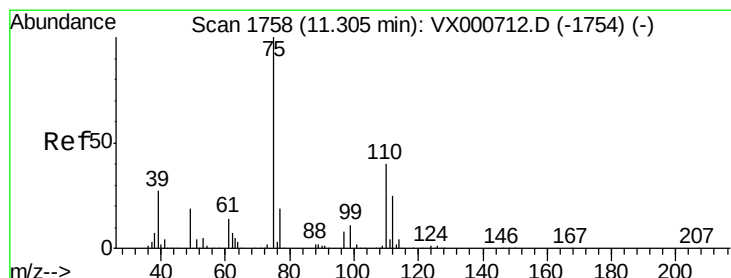
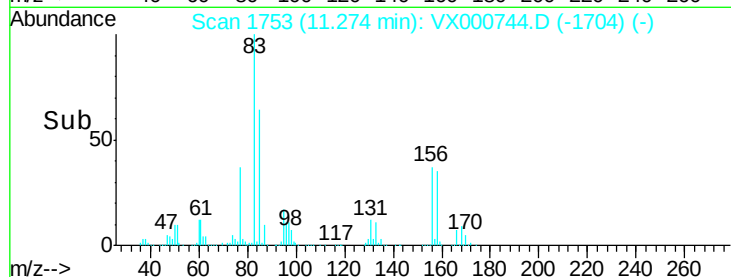
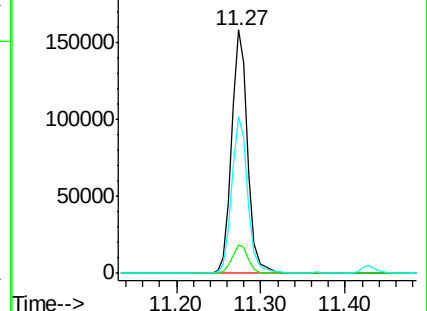
85 64.4 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.02 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000744.D

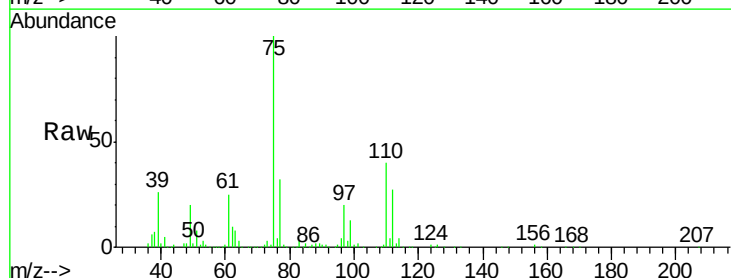
Acq: 08 Apr 2018 20:44

Tgt Ion: 75 Resp: 239935

Ion Ratio Lower Upper

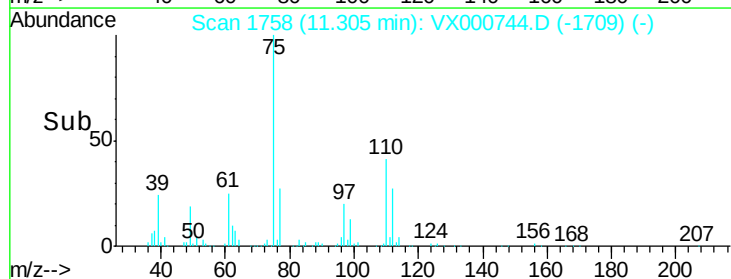
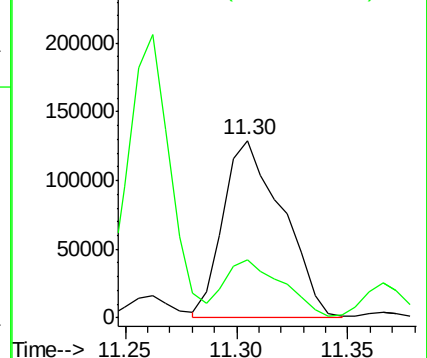
75 100

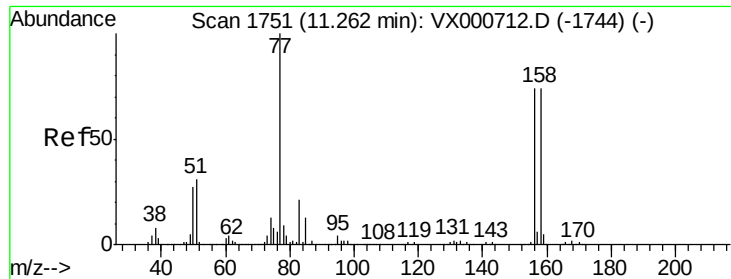
77 31.9 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

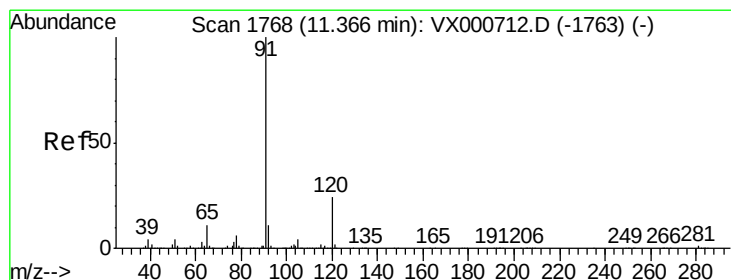
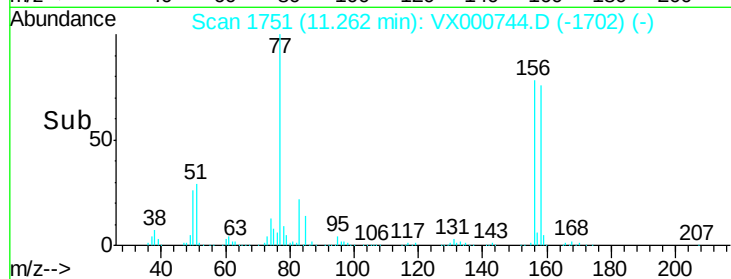
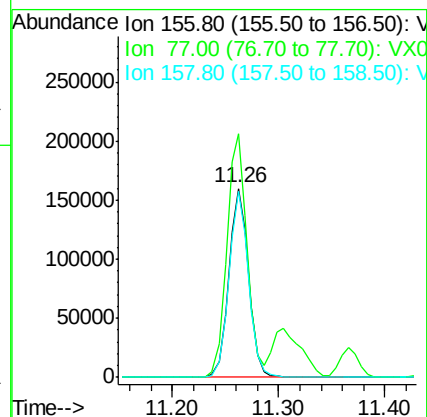
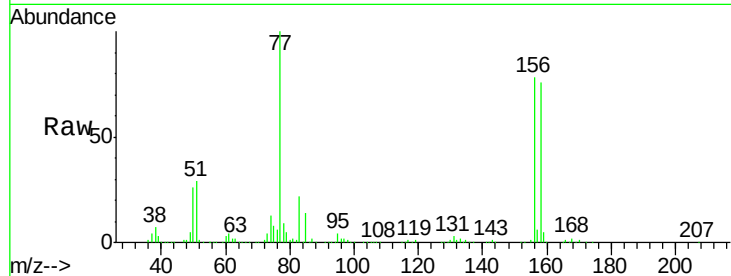




#77
Bromobenzene
Concen: 48.31 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

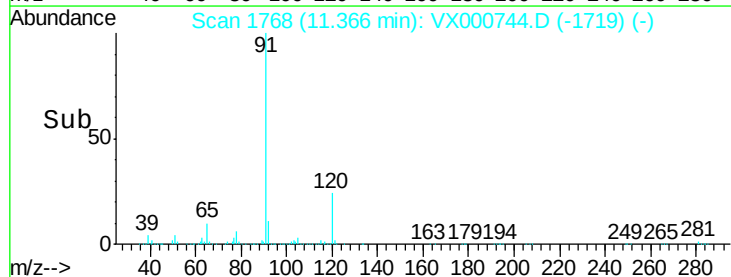
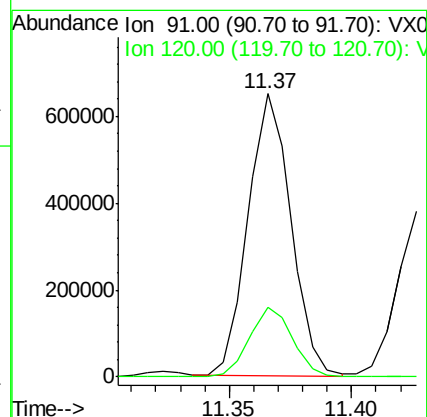
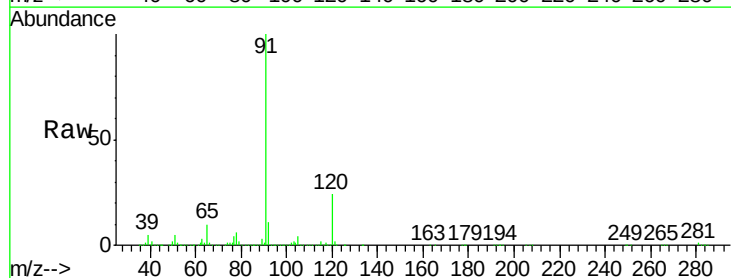
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

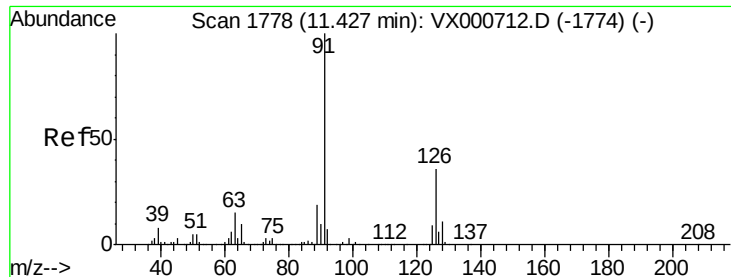
Tgt Ion:156 Resp: 206176
Ion Ratio Lower Upper
156 100
77 131.8 68.3 205.1
158 97.4 49.1 147.3



#78
n-propylbenzene
Concen: 45.70 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion: 91 Resp: 789065
Ion Ratio Lower Upper
91 100
120 24.9 12.5 37.5





#79

2-Chlorotoluene

Concen: 45.62 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

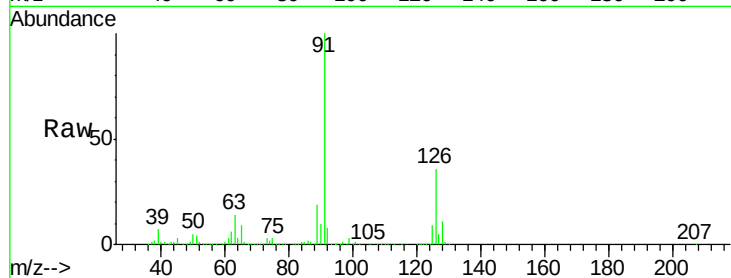
MW-19-040218MSD

Tgt Ion: 91 Resp: 469757

Ion Ratio Lower Upper

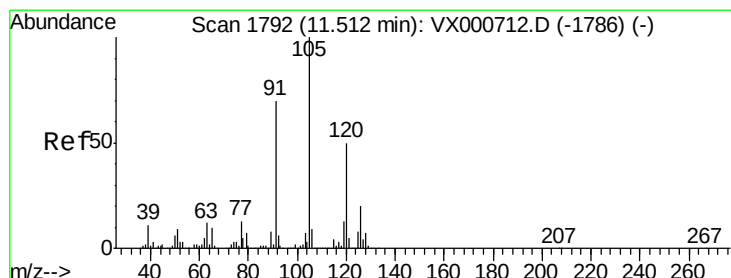
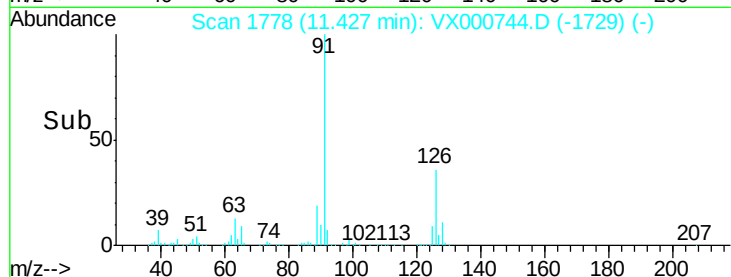
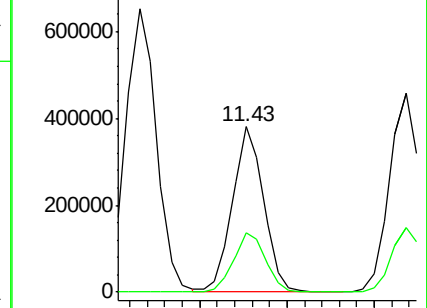
91 100

126 36.8 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: 45.50 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000744.D

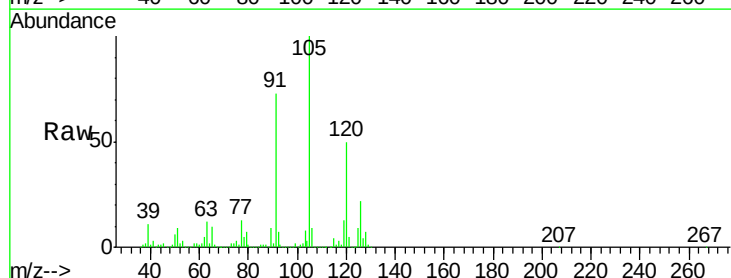
Acq: 08 Apr 2018 20:44

Tgt Ion: 105 Resp: 593075

Ion Ratio Lower Upper

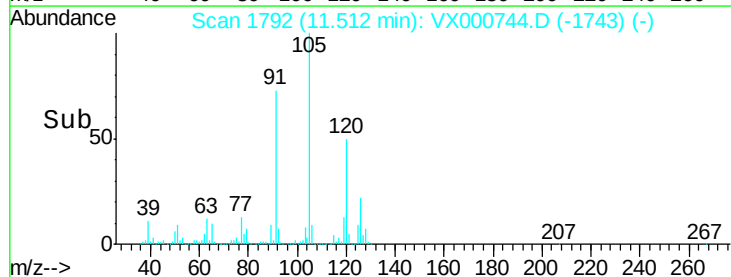
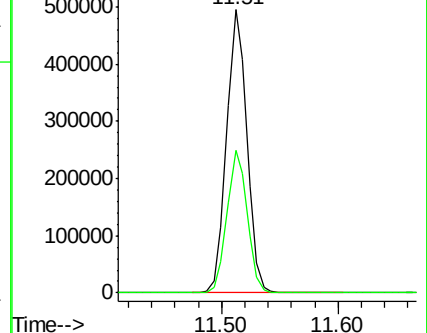
105 100

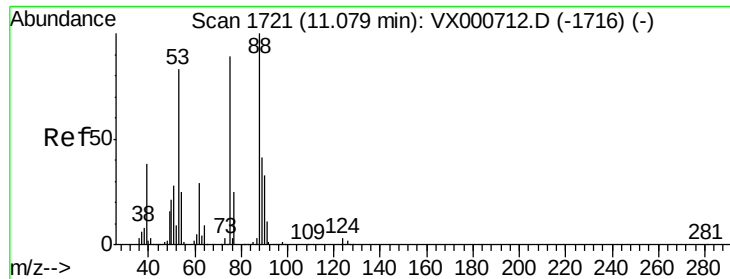
120 50.4 25.1 75.3



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: 39.27 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

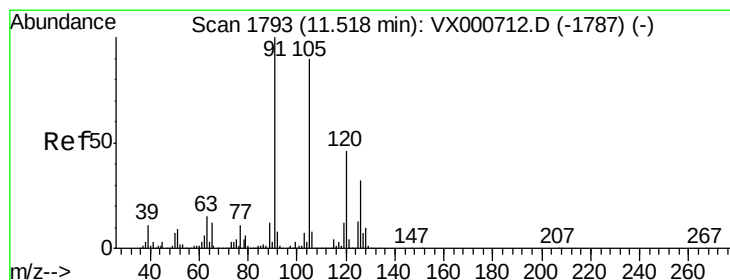
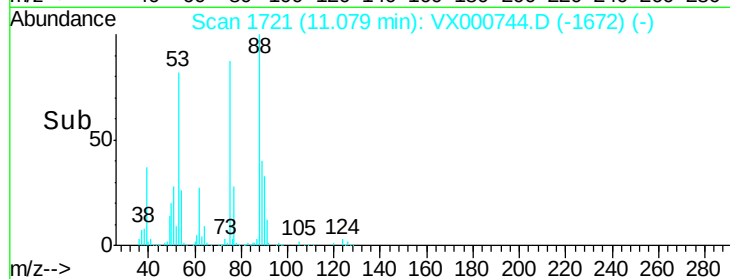
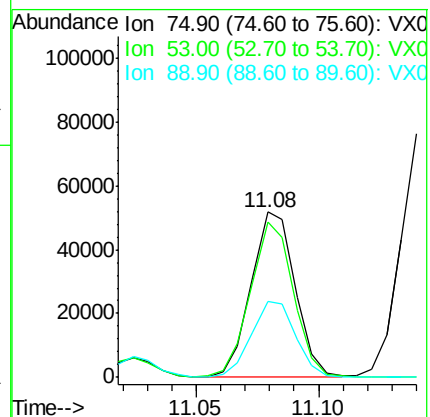
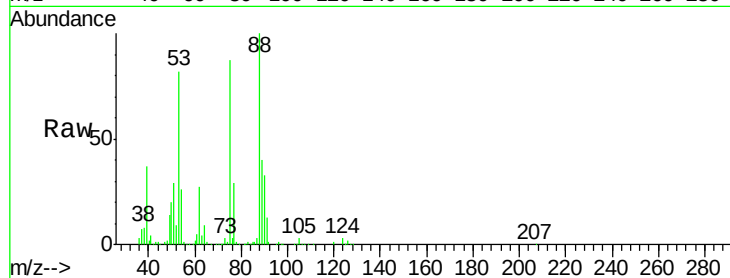
Tgt Ion: 75 Resp: 64601

Ion Ratio Lower Upper

75 100

53 93.3 74.2 111.2

89 47.0 46.6 69.8



#82

4-Chlorotoluene

Concen: 45.71 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000744.D

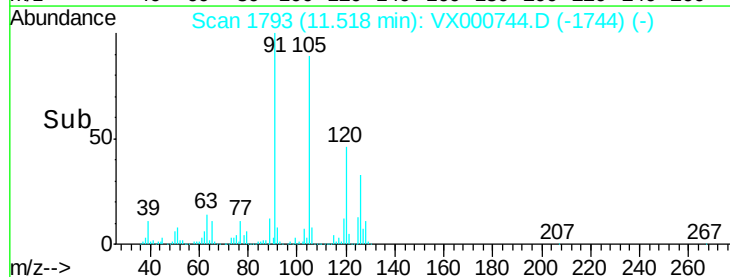
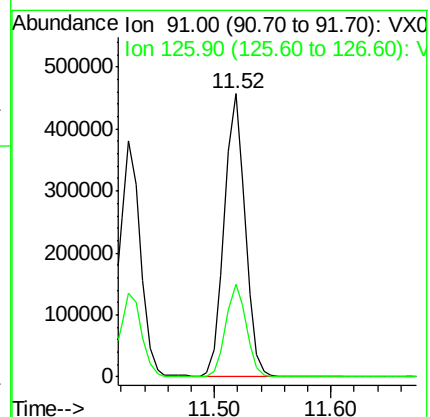
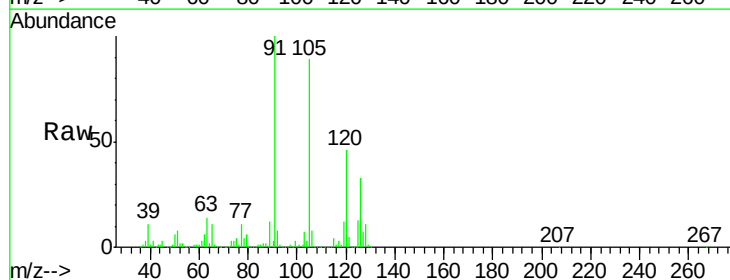
Acq: 08 Apr 2018 20:44

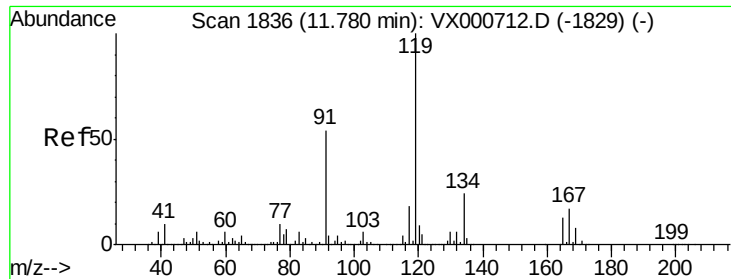
Tgt Ion: 91 Resp: 563943

Ion Ratio Lower Upper

91 100

126 32.4 16.0 48.0

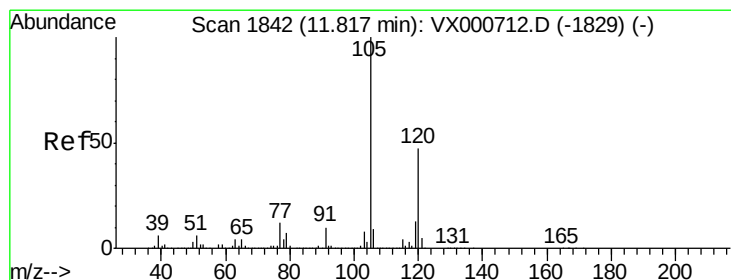
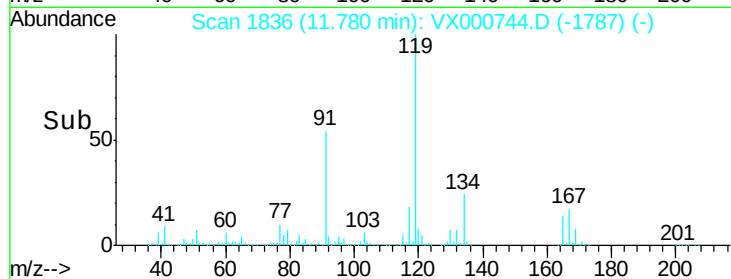
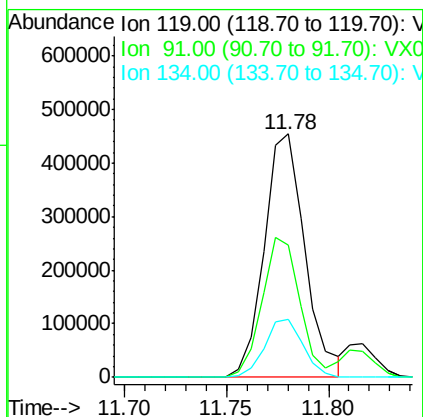
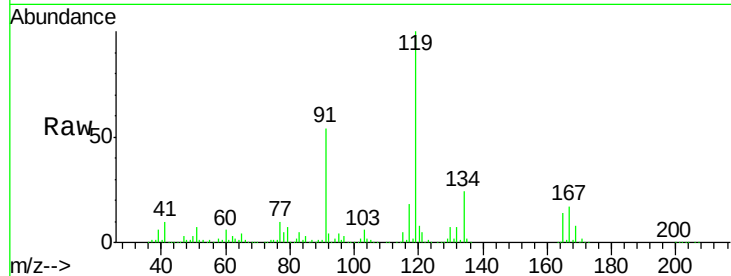




#83
 tert-Butylbenzene
 Concen: 47.21 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

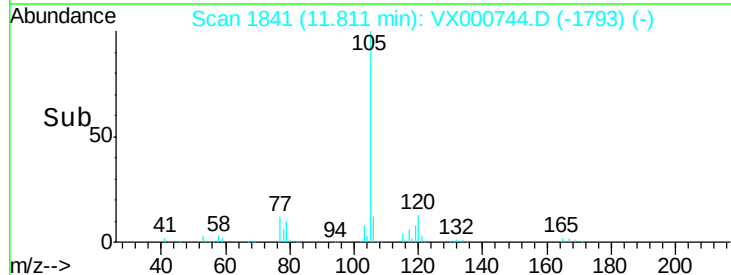
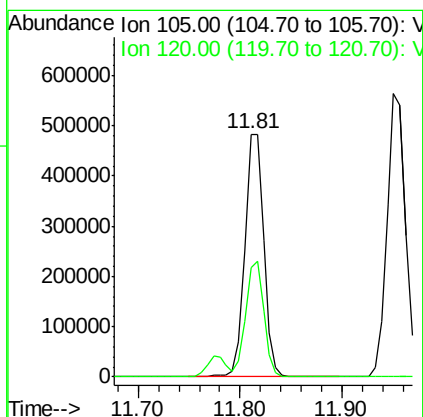
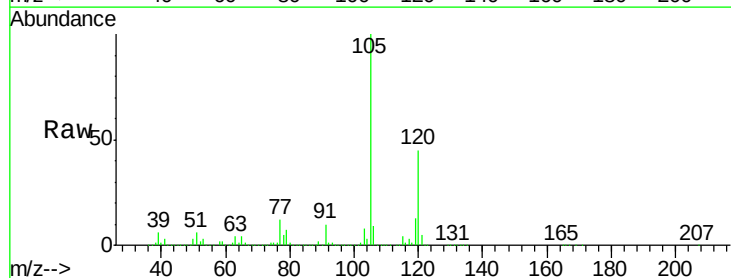
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

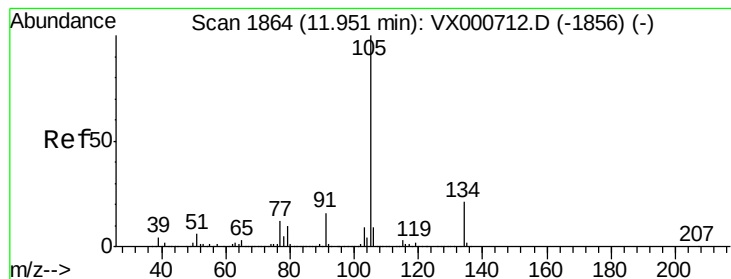
Tgt Ion:119 Resp: 630768
 Ion Ratio Lower Upper
 119 100
 91 53.2 27.3 81.8
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 45.88 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

Tgt Ion:105 Resp: 619158
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 46.00 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

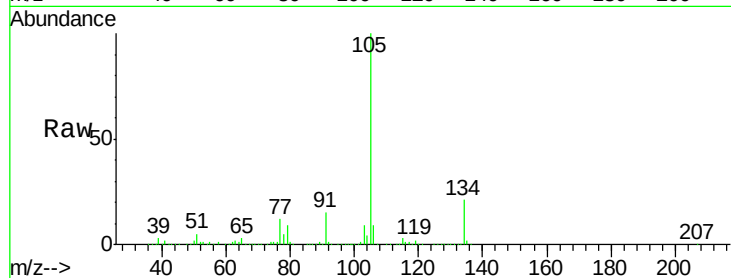
MW-19-040218MSD

Tgt Ion:105 Resp: 719207

Ion Ratio Lower Upper

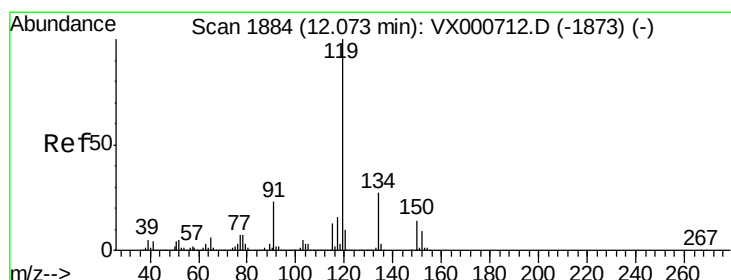
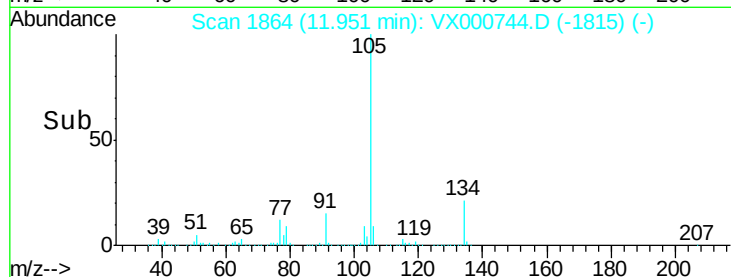
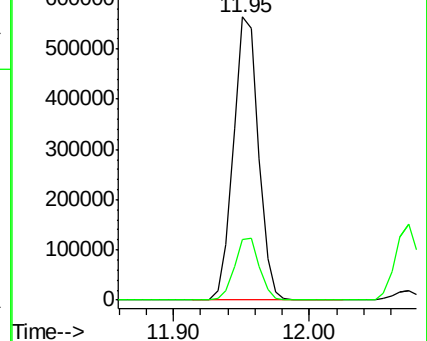
105 100

134 21.7 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.70 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

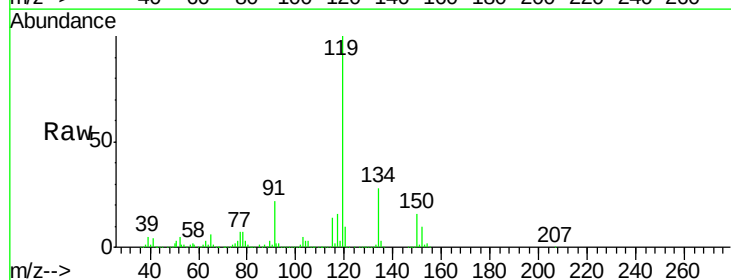
Tgt Ion:119 Resp: 668025

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

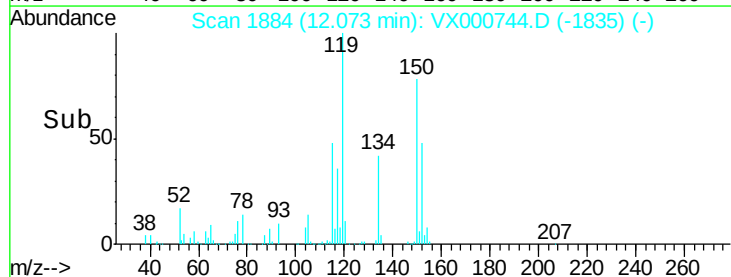
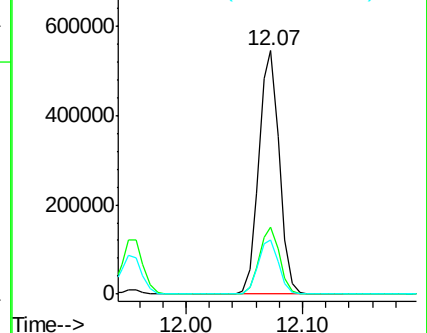
91 22.6 11.5 34.4

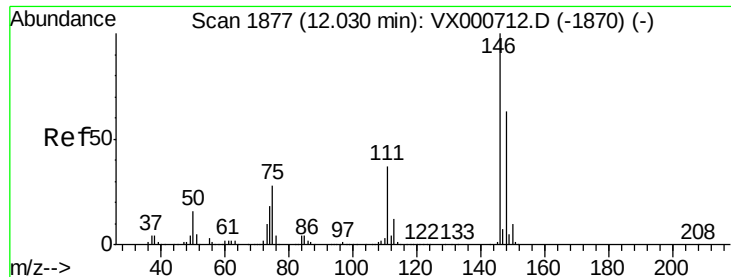


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.06 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

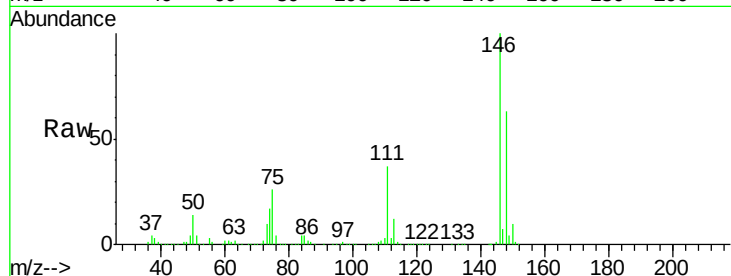
Tgt Ion:146 Resp: 376323

Ion Ratio Lower Upper

146 100

111 36.5 18.6 55.8

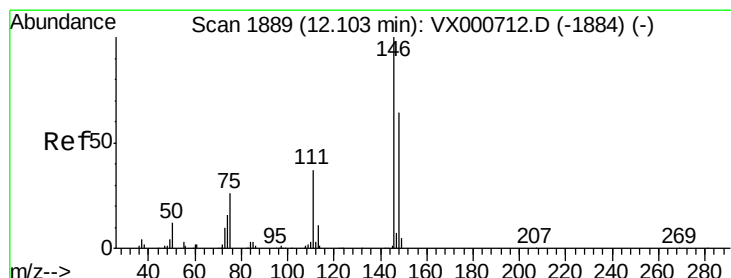
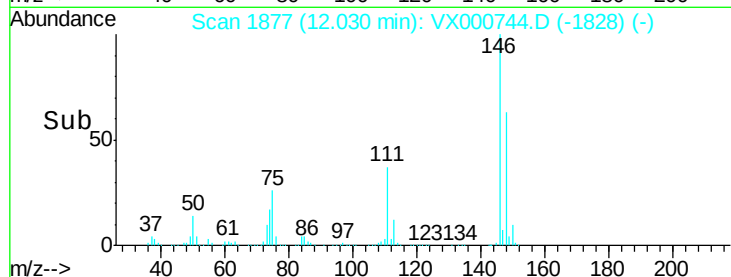
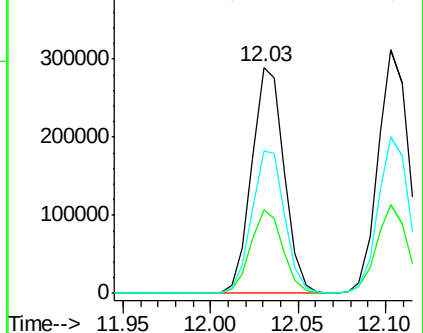
148 64.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.53 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

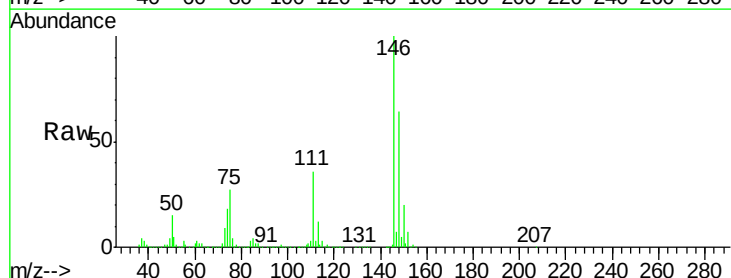
Tgt Ion:146 Resp: 381358

Ion Ratio Lower Upper

146 100

111 36.2 18.2 54.6

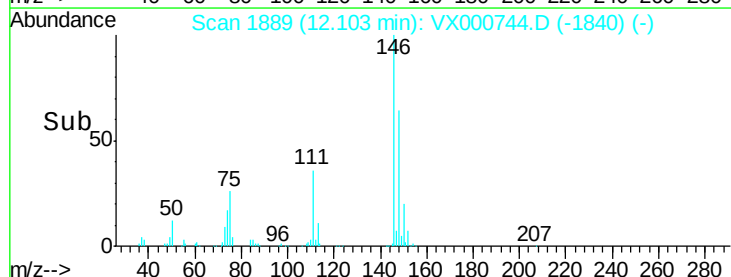
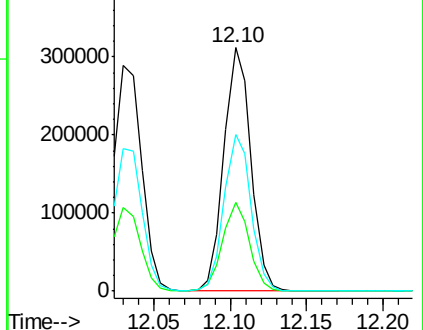
148 64.6 32.1 96.5

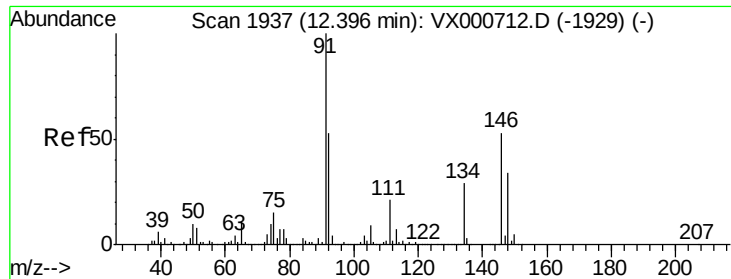


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

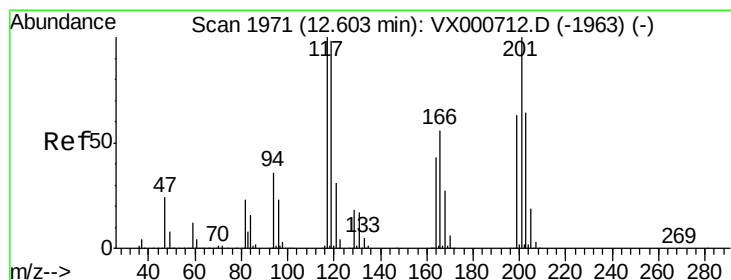
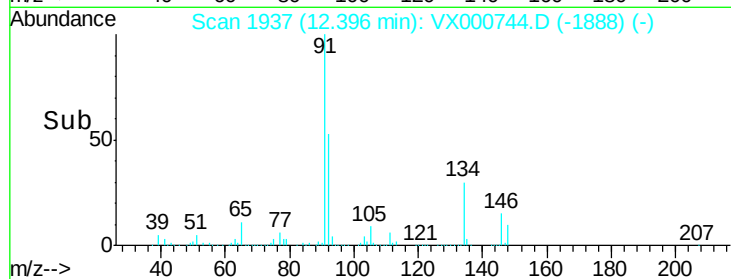
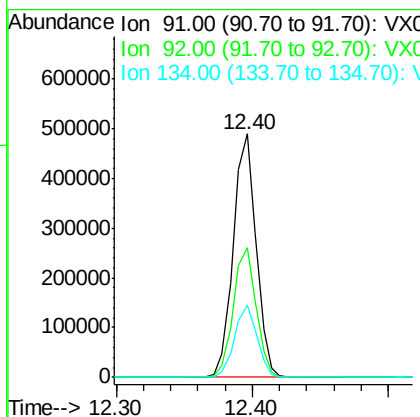
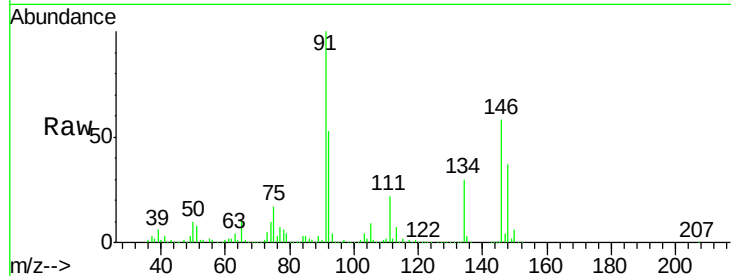




#89
n-Butylbenzene
Concen: 43.79 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

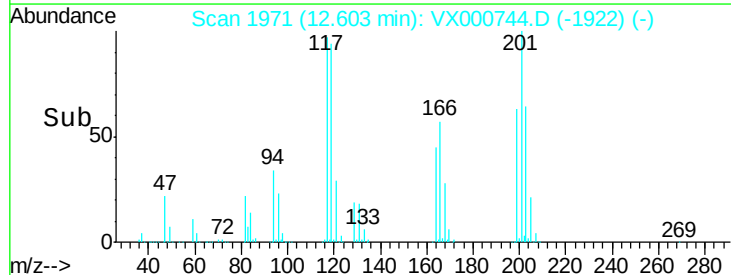
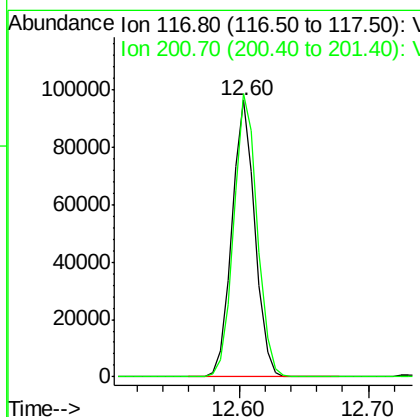
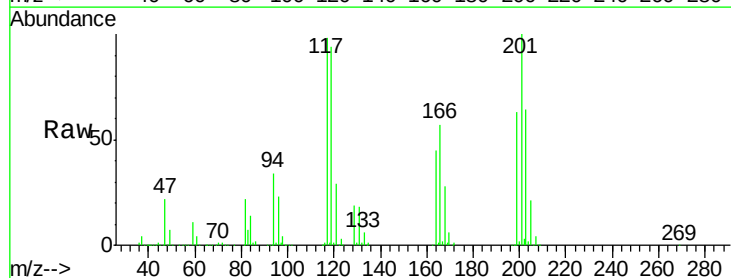
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

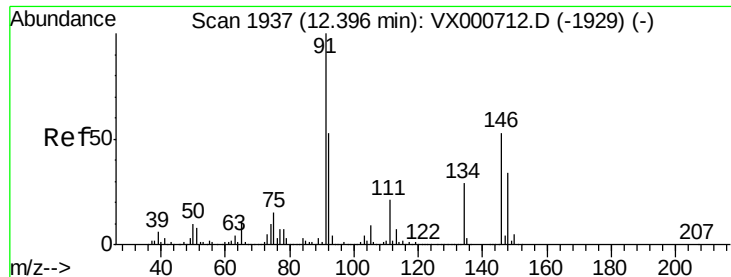
Tgt Ion: 91 Resp: 571788
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 29.1 14.4 43.0



#90
Hexachloroethane
Concen: 45.16 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000744.D
Acq: 08 Apr 2018 20:44

Tgt Ion: 117 Resp: 119882
Ion Ratio Lower Upper
117 100
201 104.4 51.2 153.6

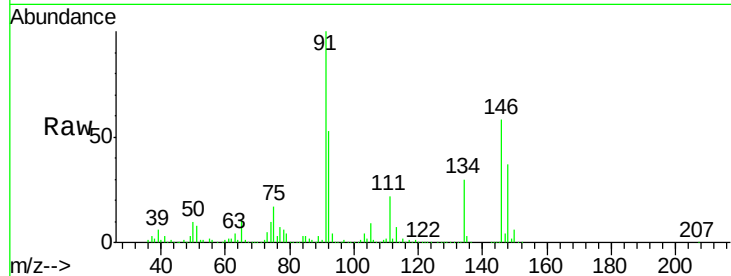




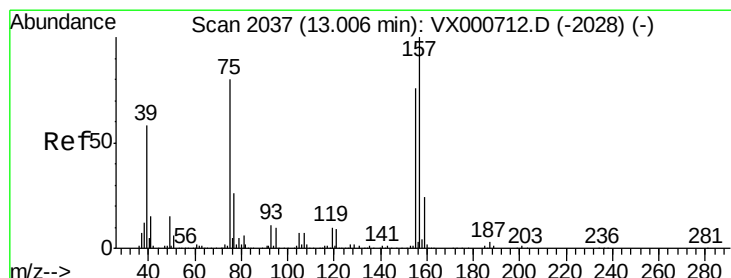
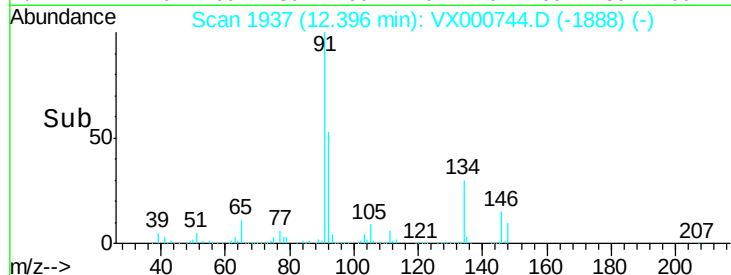
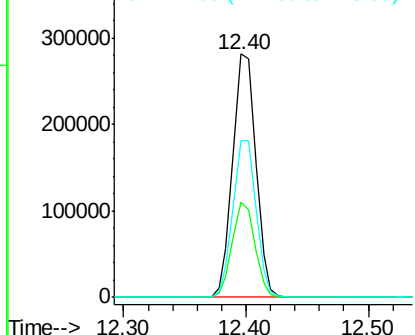
#91
 1,2-Dichlorobenzene
 Concen: 47.24 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

Tgt Ion:146 Resp: 368707
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.9
 148 64.7 31.9 95.7

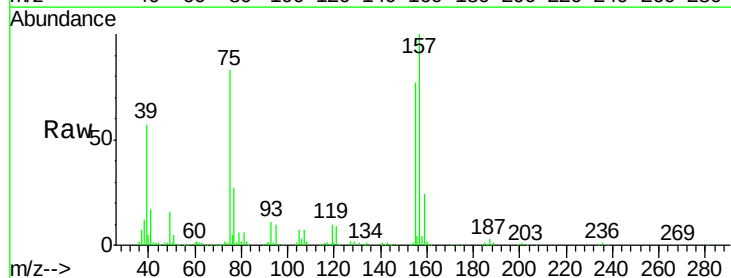


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

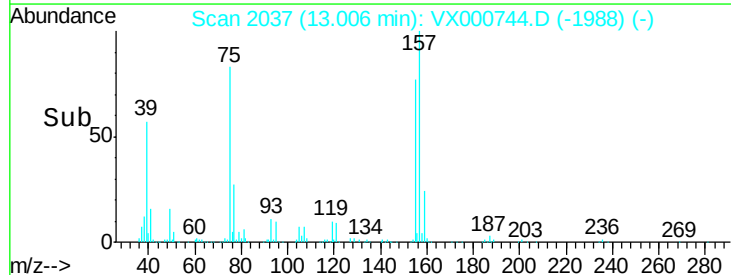
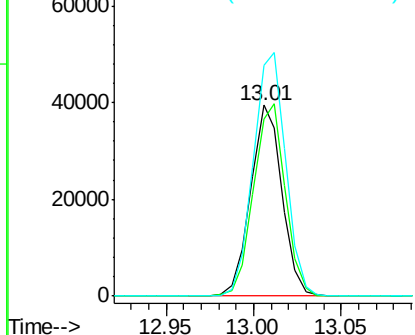


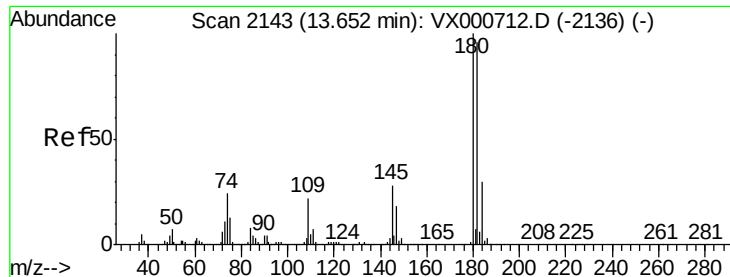
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.97 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

Tgt Ion: 75 Resp: 49340
 Ion Ratio Lower Upper
 75 100
 155 102.3 48.4 145.0
 157 132.0 62.8 188.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

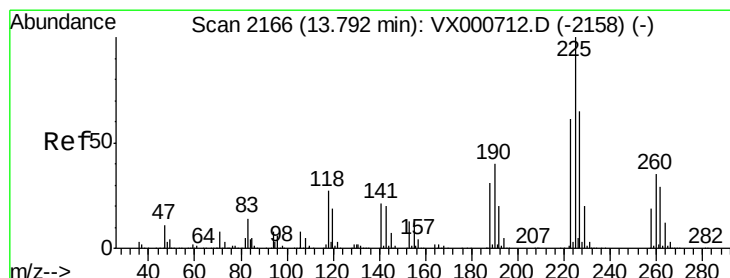
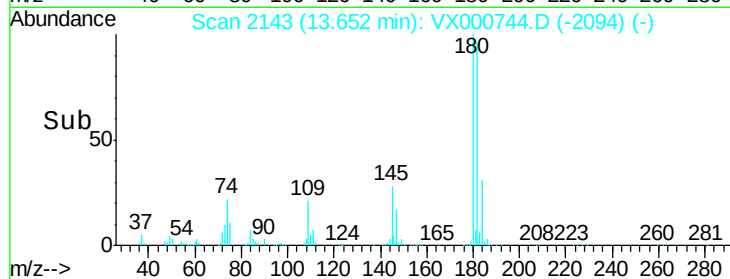
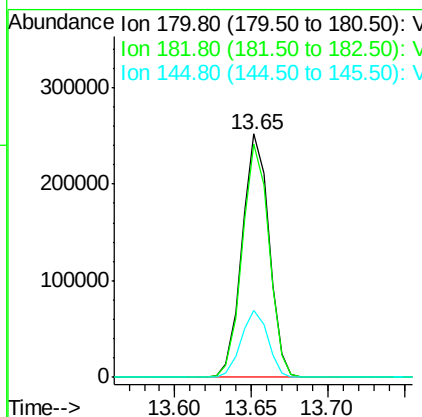
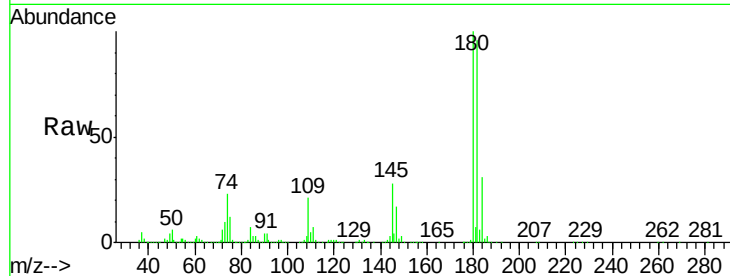




#93
 1,2,4-Trichlorobenzene
 Concen: 46.37 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

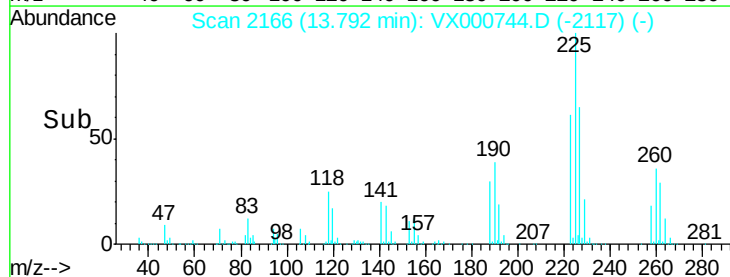
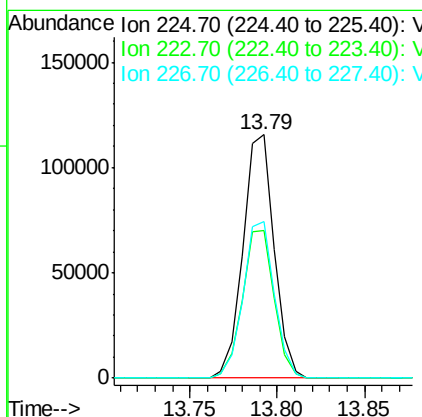
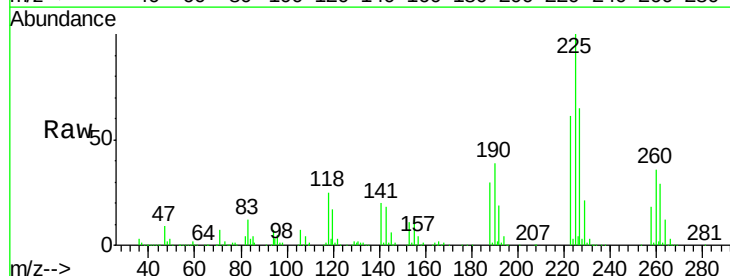
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

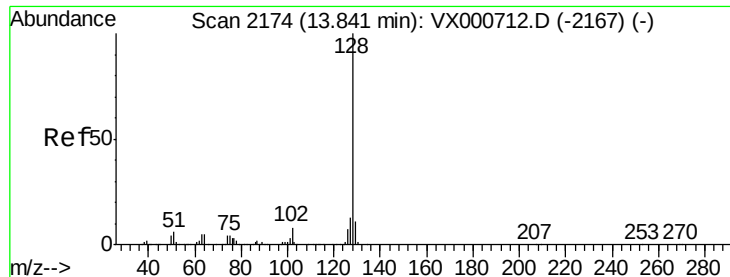
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.7
145	27.5	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 43.58 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000744.D
 Acq: 08 Apr 2018 20:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.9	92.8
227	64.5	31.9	95.7





#95

Naphthalene

Concen: 46.81 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MSD

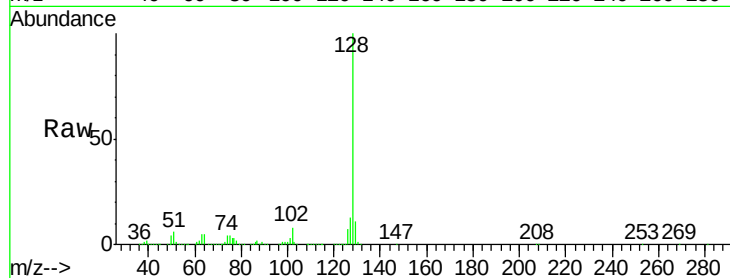
Tgt Ion:128 Resp: 813964

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

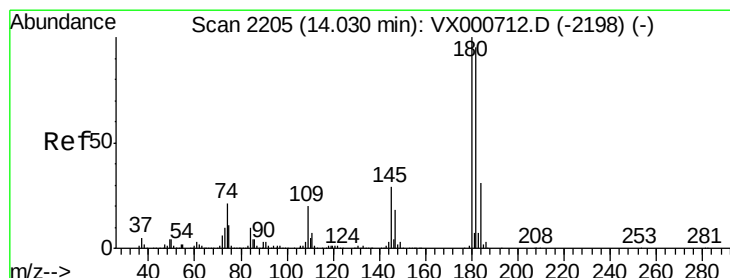
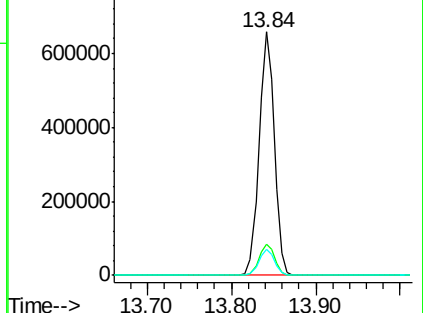
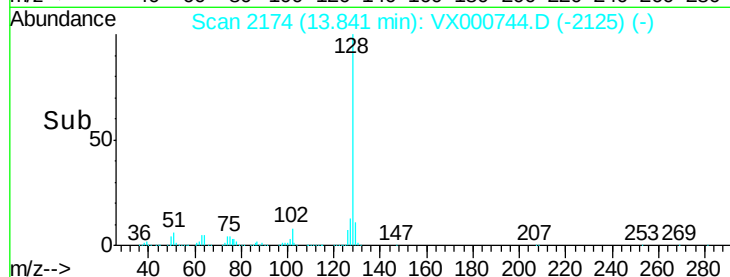
129 10.9 8.8 13.2



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: 47.50 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000744.D

Acq: 08 Apr 2018 20:44

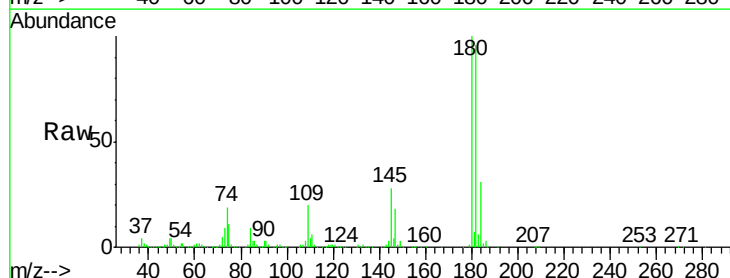
Tgt Ion:180 Resp: 304372

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.3

145 28.9 14.9 44.9



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

