

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000743.D
 Acq On : 08 Apr 2018 20:19
 Operator : JC/MD
 Sample : J2190-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Quant Time: Apr 09 06:44:44 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	5.68	168	310795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	410563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171472	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.51	113	145477	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.73	98	534448	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.15	95	214596	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	132452	47.32	ug/l	98
3) Chloromethane	1.32	50	90123	40.22	ug/l	97
4) Vinyl Chloride	1.41	62	111731	44.18	ug/l	97
5) Bromomethane	1.64	94	18914	10.72	ug/l	97
6) Chloroethane	1.73	64	84623	54.52	ug/l	99
7) Trichlorofluoromethane	1.93	101	195614	47.23	ug/l	100
8) Diethyl Ether	2.19	74	76129	53.36	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114567	47.23	ug/l	98
10) Methyl Iodide	2.51	142	12304	9.56	ug/l	97
11) Tert butyl alcohol	3.07	59	125233	207.07	ug/l	100
12) 1,1-Dichloroethene	2.38	96	105702	48.53	ug/l	99
13) Acrolein	2.30	56	61301	231.59	ug/l	100
14) Allyl chloride	2.73	41	201003	45.65	ug/l	99
15) Acrylonitrile	3.15	53	303794	239.66	ug/l	100
16) Acetone	2.45	43	247078	221.62	ug/l	99
17) Carbon Disulfide	2.57	76	246272	50.79	ug/l	99
18) Methyl Acetate	2.78	43	155196	46.88	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	399647	49.35	ug/l	100
20) Methylene Chloride	2.86	84	118886	49.74	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	114451	49.15	ug/l	100
22) Diisopropyl ether	3.88	45	420081	48.68	ug/l	98
23) Vinyl Acetate	3.83	43	1695562	232.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	229228	50.75	ug/l	99
25) 2-Butanone	4.71	43	443666	227.47	ug/l	98
26) 2,2-Dichloropropane	4.59	77	198579	43.20	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	144431	48.51	ug/l	97
28) Bromochloromethane	5.03	49	100154	56.52	ug/l	97
29) Tetrahydrofuran	5.17	42	281300	226.64	ug/l	98
30) Chloroform	5.23	83	242096	49.30	ug/l	100
31) Cyclohexane	5.59	56	182525	51.04	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	227423	48.60	ug/l	99
36) 1,1-Dichloropropene	5.81	75	171630	45.56	ug/l	99
37) Ethyl Acetate	4.87	43	171179	42.10	ug/l	99
38) Carbon Tetrachloride	5.79	117	206448	46.77	ug/l	99

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 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	191457	47.96	ug/l	97
40) Benzene	6.15	78	505669	47.73	ug/l	99
41) Methacrylonitrile	5.07	41	105524	44.80	ug/l	98
42) 1,2-Dichloroethane	6.21	62	195212	46.71	ug/l	99
43) Isopropyl Acetate	6.48	43	309149	43.66	ug/l	99
44) Trichloroethene	7.22	130	157704	48.98	ug/l	96
45) 1,2-Dichloropropane	7.52	63	135136	47.57	ug/l	98
46) Dibromomethane	7.67	93	92158	46.74	ug/l	97
47) Bromodichloromethane	7.91	83	195598	47.94	ug/l	99
48) Methyl methacrylate	7.79	41	161757	45.41	ug/l	98
49) 1,4-Dioxane	7.76	88	52629	744.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	930862	226.91	ug/l	99
52) Toluene	8.79	92	335937	47.56	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	225315	46.41	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	221531	45.95	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	137911	47.99	ug/l	98
56) Ethyl methacrylate	9.19	69	213904	46.68	ug/l	98
57) 1,3-Dichloropropane	9.38	76	223229	47.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.26	63	2069	0.96	ug/l #	45
59) 2-Hexanone	9.51	43	697853	222.88	ug/l	99
60) Dibromochloromethane	9.59	129	172850	48.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	145059	47.01	ug/l	99
64) Tetrachloroethene	9.34	164	145466	45.19	ug/l	98
65) Chlorobenzene	10.15	112	403824	47.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	158291	47.97	ug/l	100
67) Ethyl Benzene	10.26	91	672000	47.41	ug/l	99
68) m/p-Xylenes	10.37	106	527539	95.12	ug/l	99
69) o-Xylene	10.71	106	257260	47.27	ug/l	100
70) Styrene	10.72	104	436613	47.49	ug/l	99
71) Bromoform	10.87	173	149473	47.84	ug/l #	99
73) Isopropylbenzene	11.02	105	701637	47.92	ug/l	100
74) N-amyl acetate	6.48	43	309149	43.38	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	207488	47.67	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	239785	57.54	ug/l	83
77) Bromobenzene	11.26	156	203217	48.94	ug/l	98
78) n-propylbenzene	11.37	91	790152	47.03	ug/l	100
79) 2-Chlorotoluene	11.43	91	468525	46.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	597247	47.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62782	39.22	ug/l	93
82) 4-Chlorotoluene	11.52	91	562947	46.89	ug/l	100
83) tert-Butylbenzene	11.78	119	634004	48.77	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	621102	47.30	ug/l	100
85) sec-Butylbenzene	11.95	105	722035	47.46	ug/l	100
86) p-Isopropyltoluene	12.07	119	675729	47.50	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	372107	47.82	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380705	47.73	ug/l	99
89) n-Butylbenzene	12.40	91	577416	45.44	ug/l	100
90) Hexachloroethane	12.60	117	117052	45.32	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	366680	48.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49456	43.24	ug/l	92

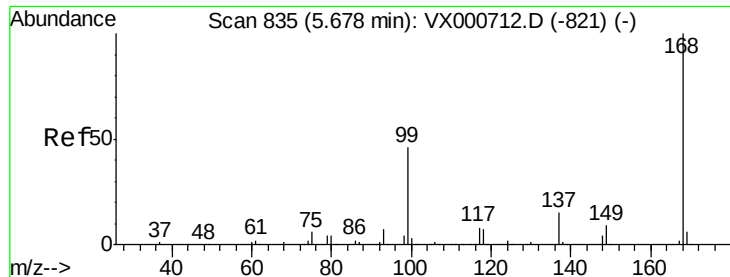
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
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Quant Title : SW846 8260
QLast Update : Sat Apr 07 17:01:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	307103	47.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	144009	45.25	ug/l	100
95) Naphthalene	13.84	128	822319	48.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	303144	48.62	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

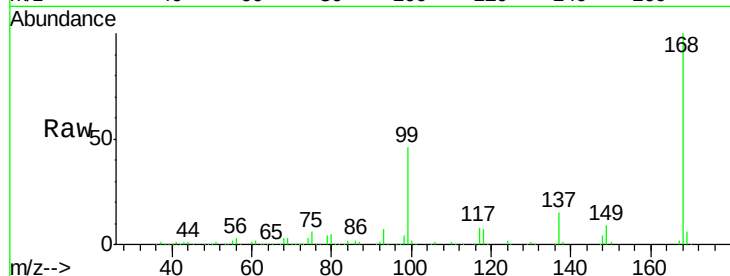
MW-19-040218MS

Tgt Ion:168 Resp: 310795

Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

120000

100000

80000

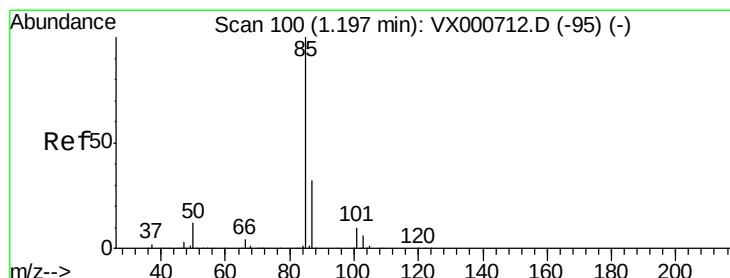
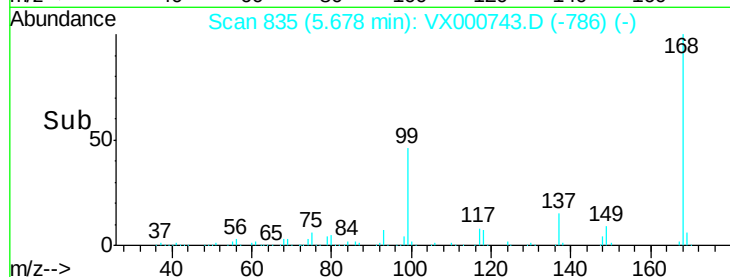
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000743.D

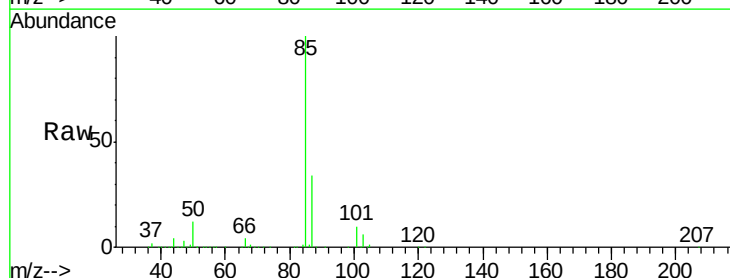
Acq: 08 Apr 2018 20:19

Tgt Ion: 85 Resp: 132452

Ion Ratio Lower Upper

85 100

87 33.7 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

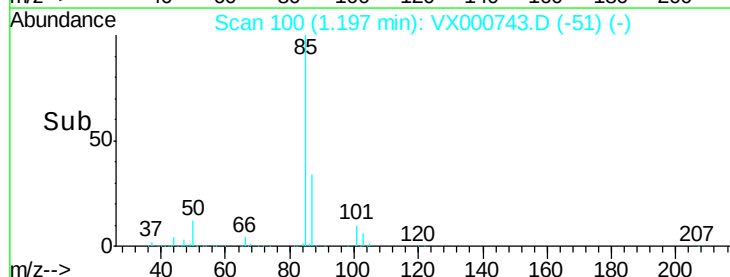
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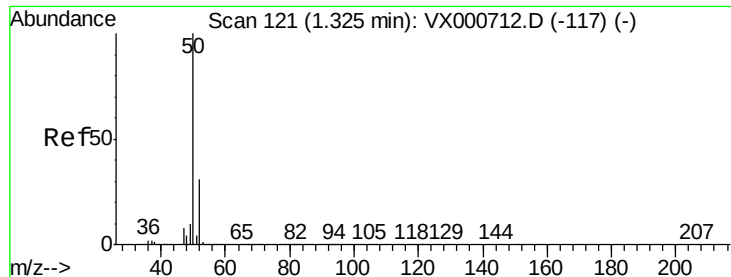
100000

50000

0

Time-->





#3

Chloromethane

Concen: 40.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

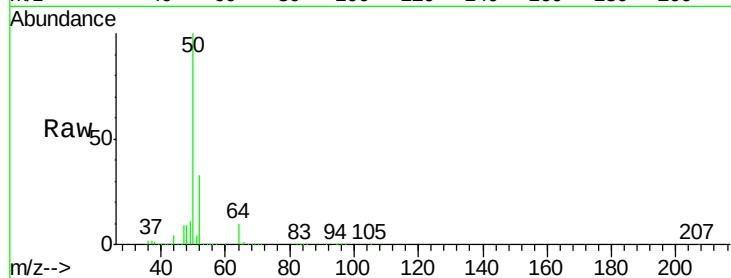
MW-19-040218MS

Tgt Ion: 50 Resp: 90123

Ion Ratio Lower Upper

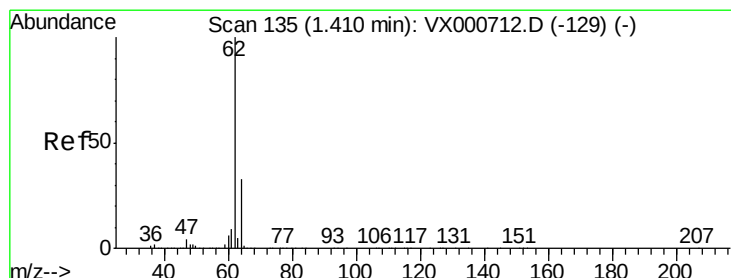
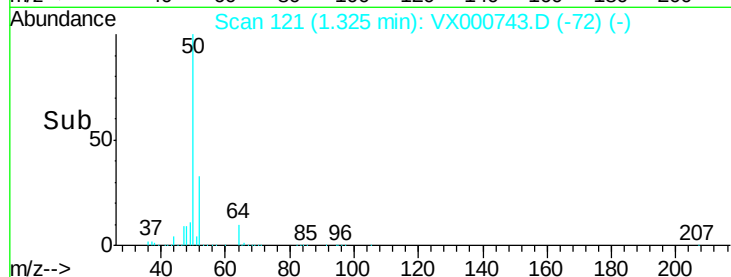
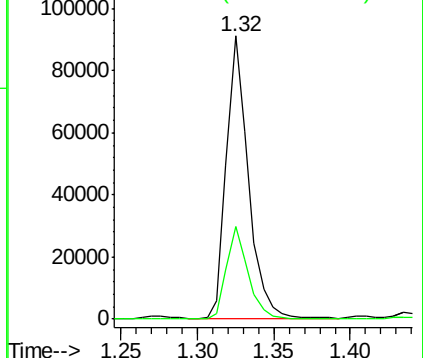
50 100

52 32.8 24.9 37.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.18 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000743.D

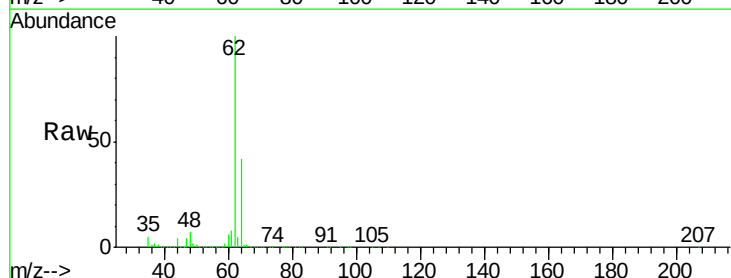
Acq: 08 Apr 2018 20:19

Tgt Ion: 62 Resp: 111731

Ion Ratio Lower Upper

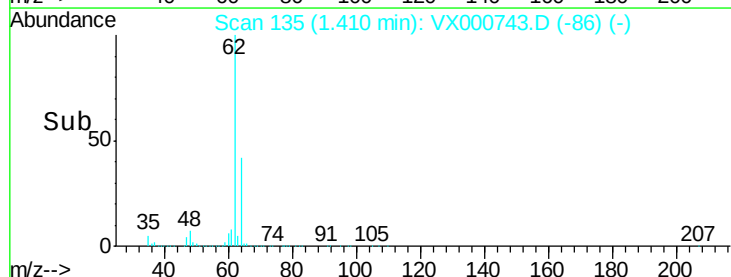
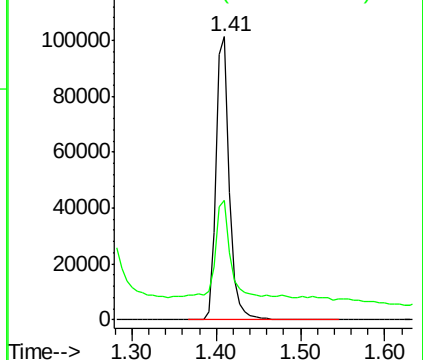
62 100

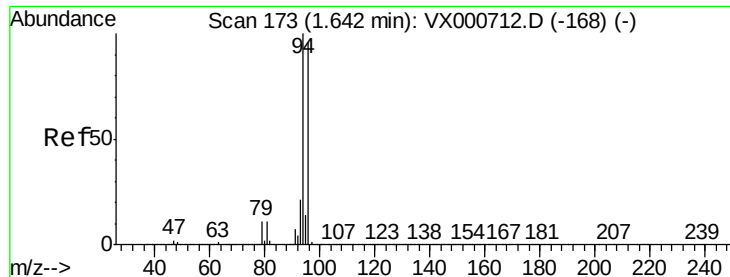
64 34.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 10.72 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

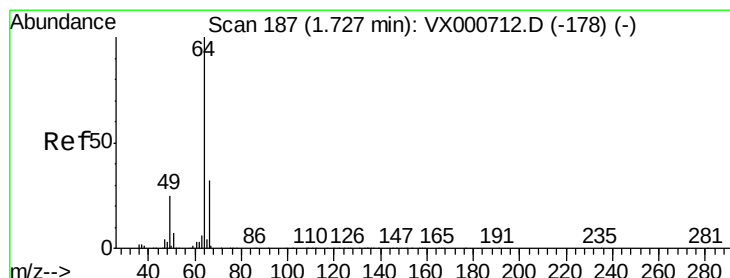
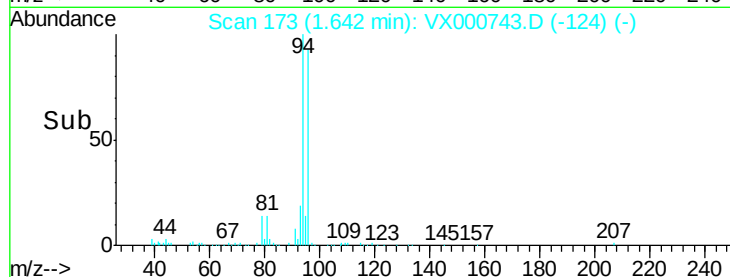
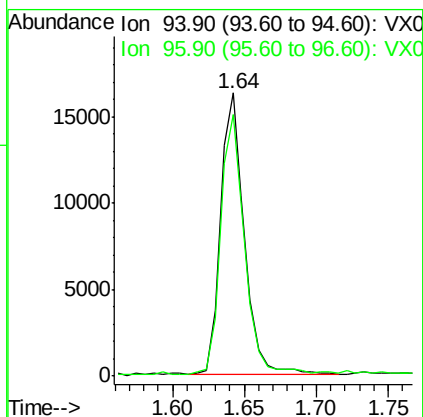
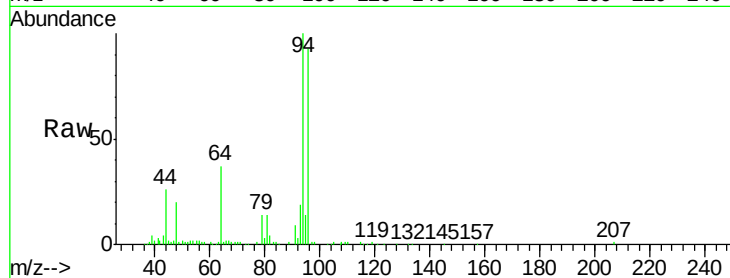
MW-19-040218MS

Tgt Ion: 94 Resp: 18914

Ion Ratio Lower Upper

94 100

96 92.5 76.5 114.7



#6

Chloroethane

Concen: 54.52 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000743.D

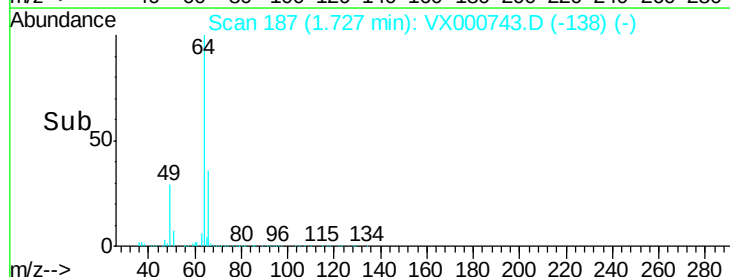
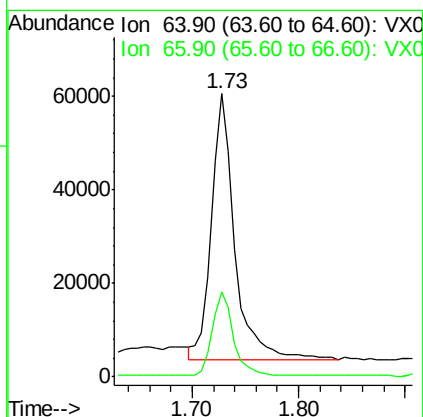
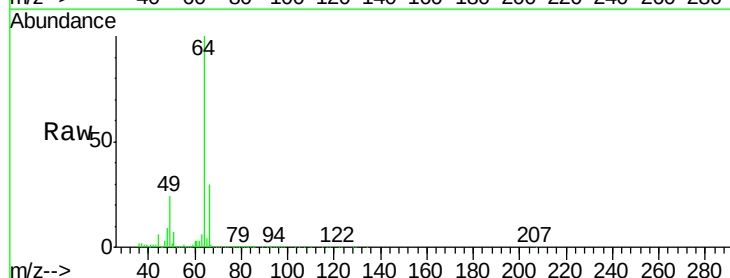
Acq: 08 Apr 2018 20:19

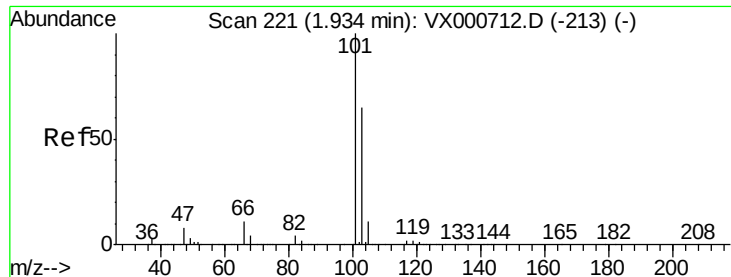
Tgt Ion: 64 Resp: 84623

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2



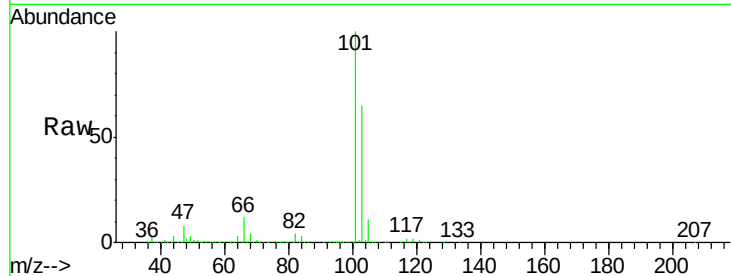


#7

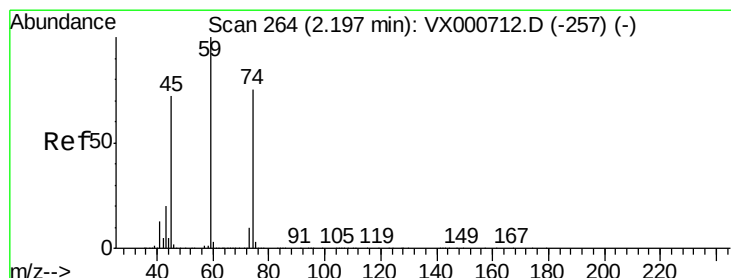
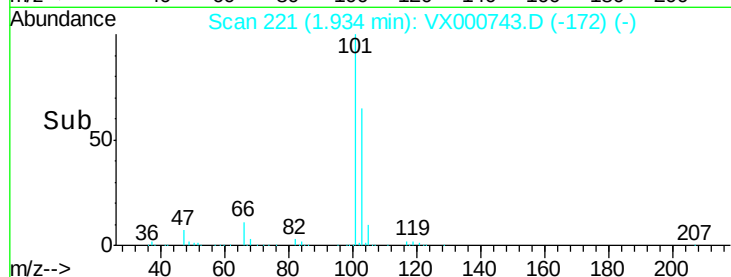
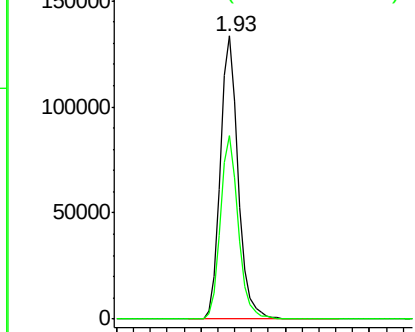
Trichlorofluoromethane
Concen: 47.23 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tgt Ion:101 Resp: 195614
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1



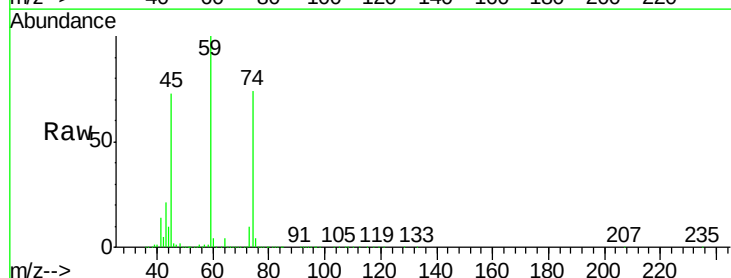
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



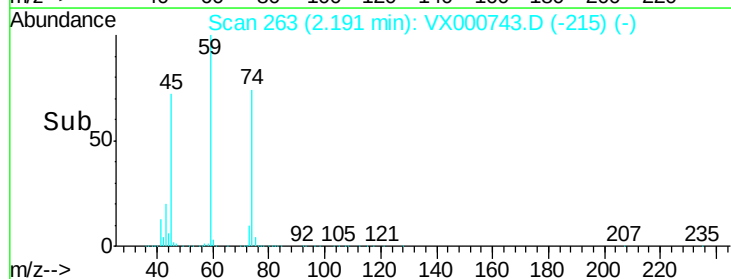
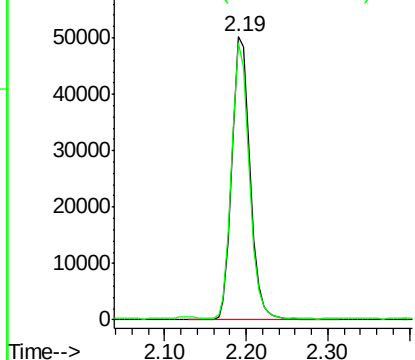
#8

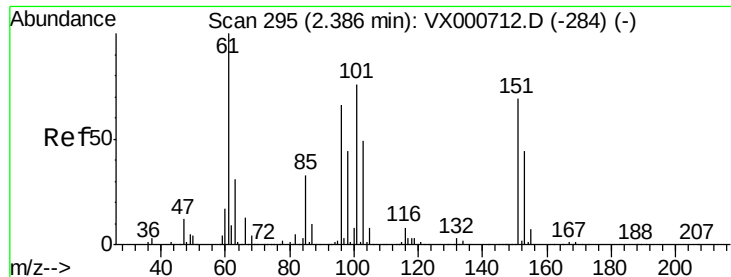
Diethyl Ether
Concen: 53.36 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion: 74 Resp: 76129
Ion Ratio Lower Upper
74 100
45 94.4 48.4 145.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

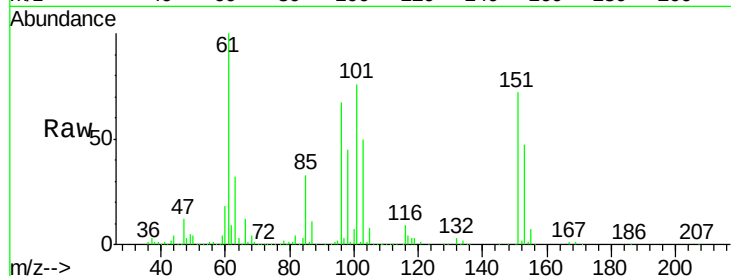
Tgt Ion:101 Resp: 114567

Ion Ratio Lower Upper

101 100

85 42.3 34.3 51.5

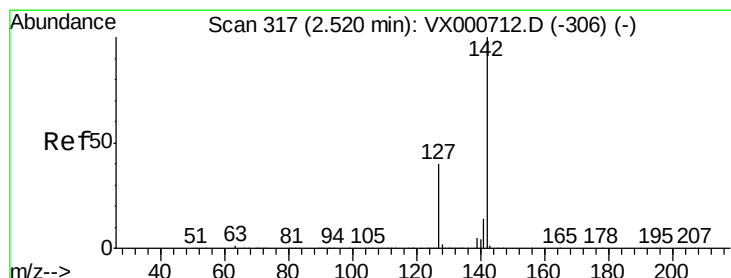
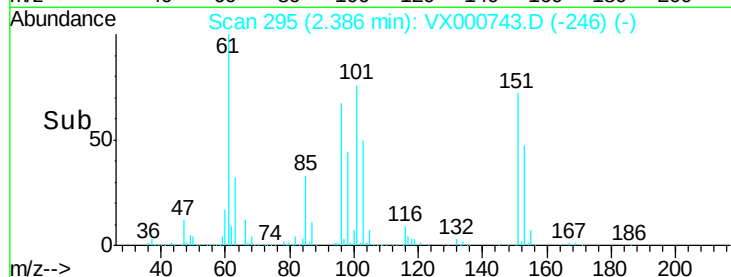
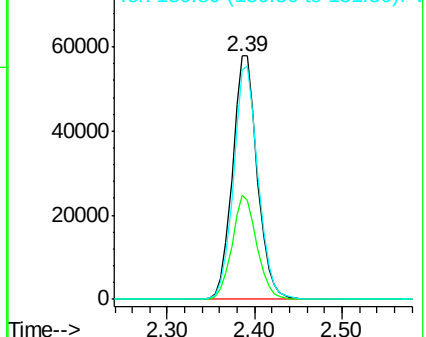
151 94.7 73.8 110.8



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: 9.56 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

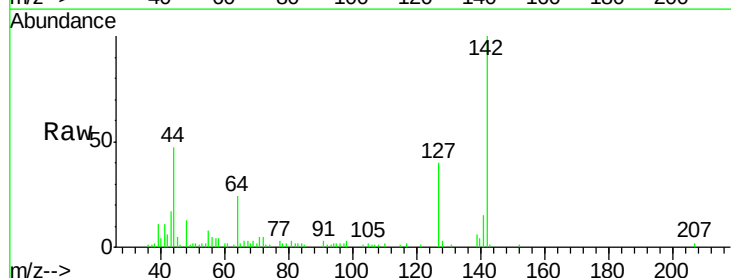
Tgt Ion:142 Resp: 12304

Ion Ratio Lower Upper

142 100

127 40.7 33.9 50.9

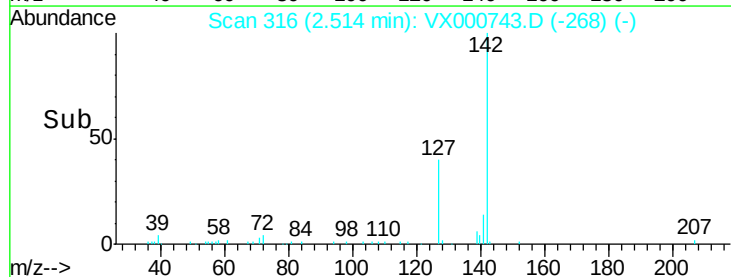
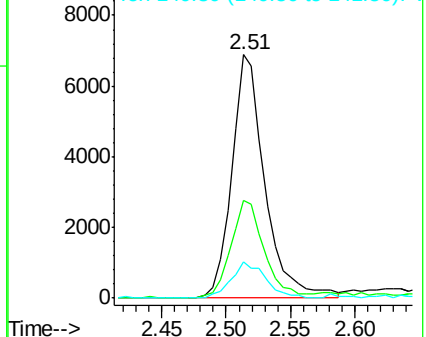
141 15.3 11.4 17.0

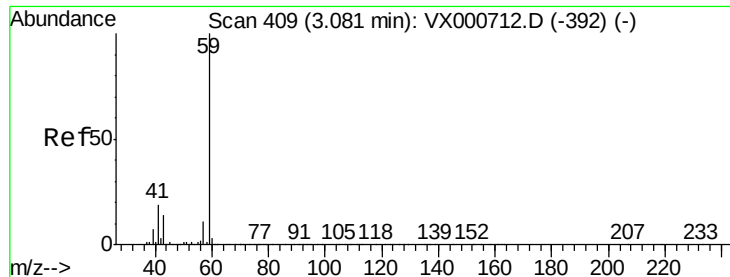


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

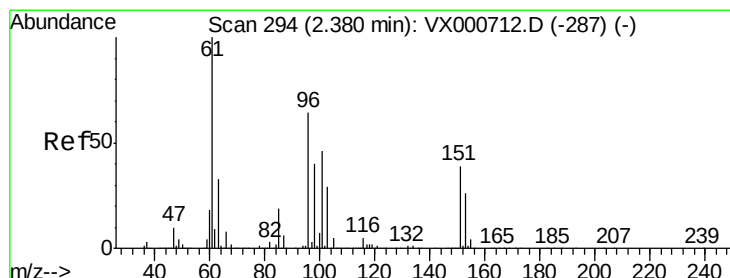
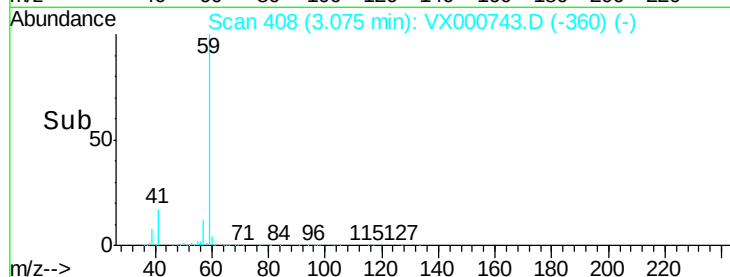
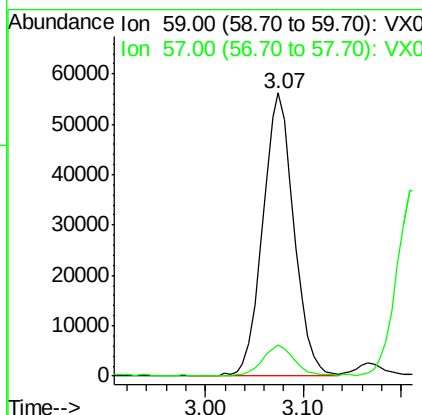
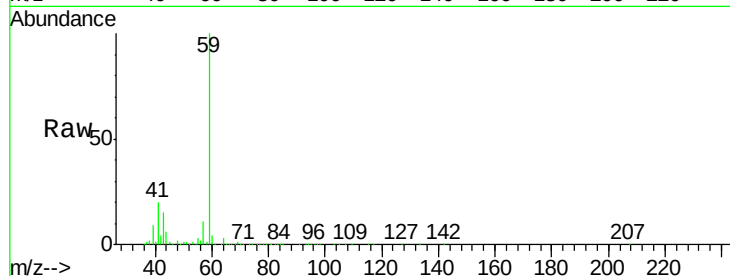




#11
Tert butyl alcohol
Concen: 207.07 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

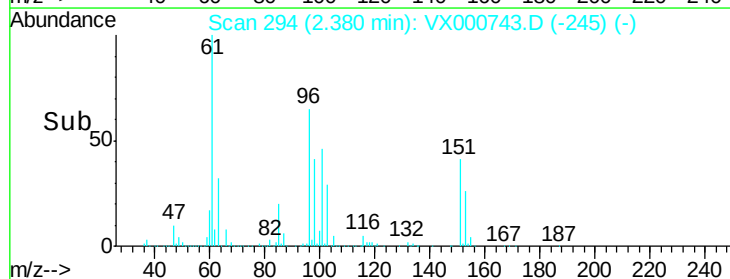
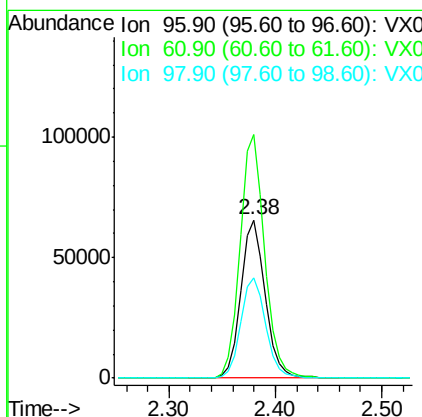
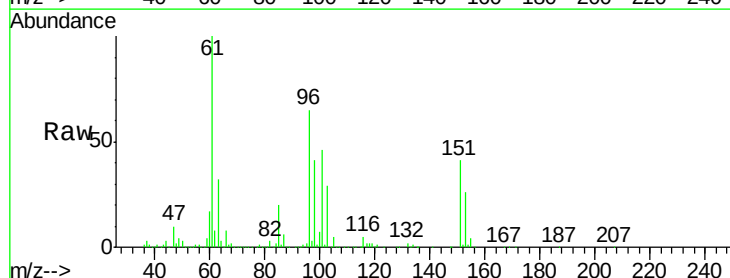
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

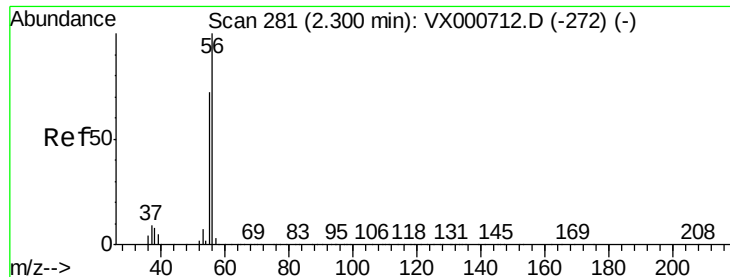
Tgt Ion: 59 Resp: 125233
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.53 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion: 96 Resp: 105702
Ion Ratio Lower Upper
96 100
61 154.4 125.0 187.4
98 63.7 50.5 75.7





#13

Acrolein

Concen: 231.59 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

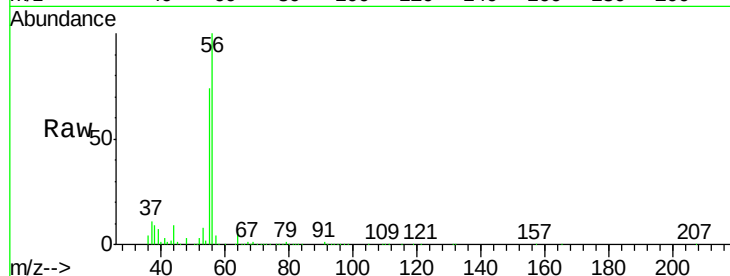
MW-19-040218MS

Tgt Ion: 56 Resp: 61301

Ion Ratio Lower Upper

56 100

55 71.5 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

40000

30000

20000

10000

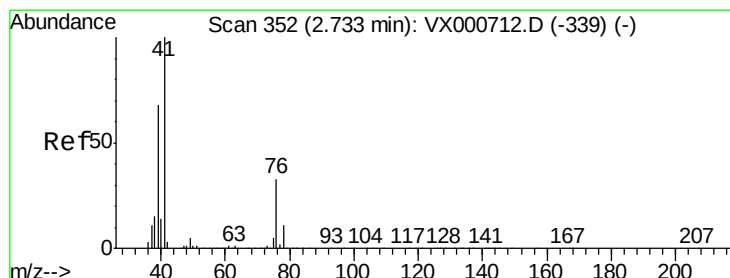
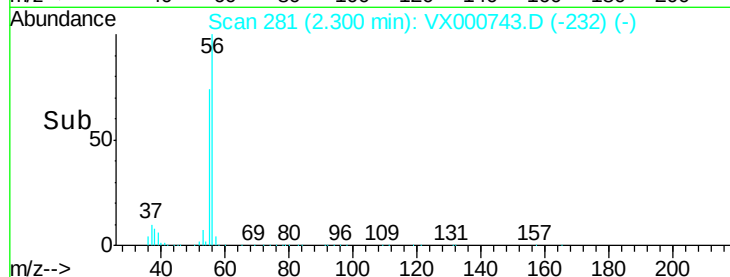
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 45.65 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

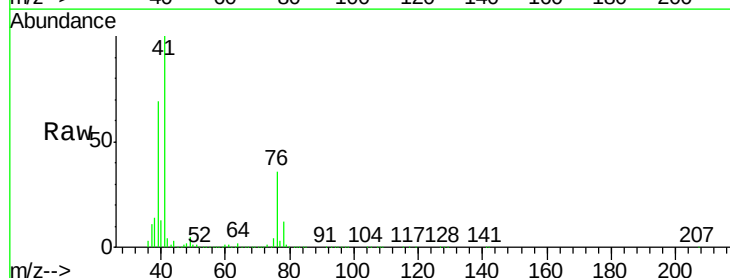
Tgt Ion: 41 Resp: 201003

Ion Ratio Lower Upper

41 100

39 64.4 52.4 78.6

76 33.3 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

100000

50000

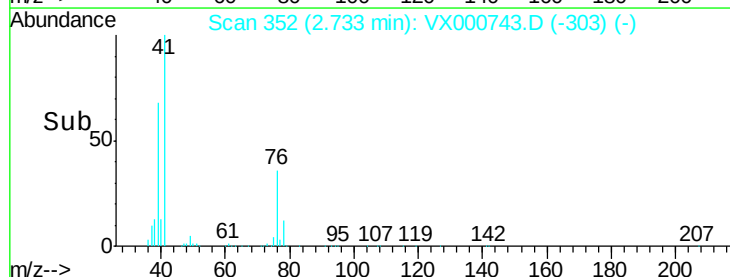
0

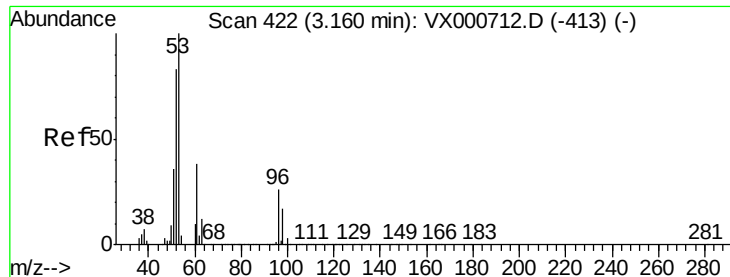
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 239.66 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

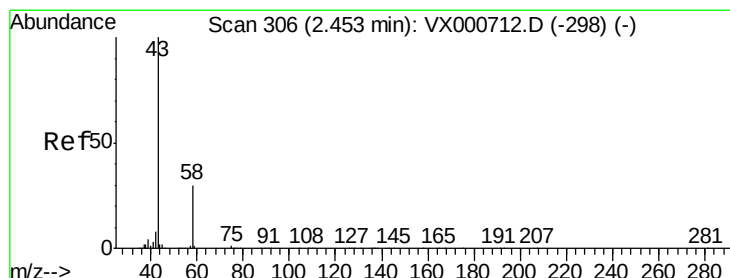
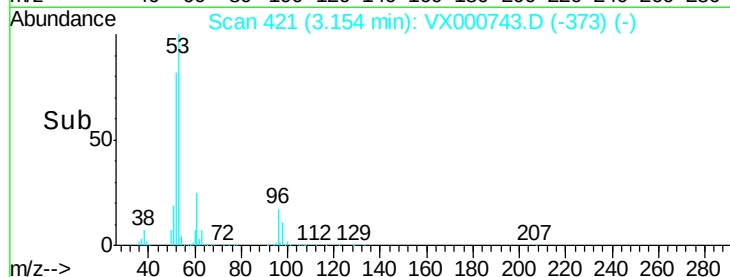
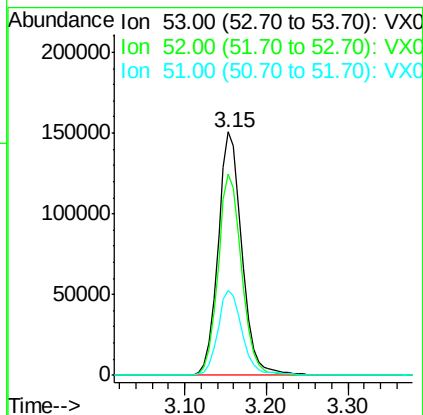
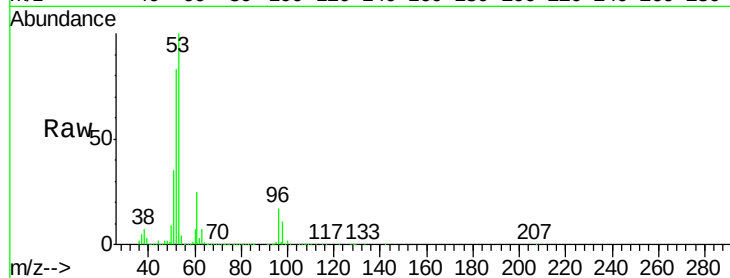
Tgt Ion: 53 Resp: 303794

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

51 35.9 29.1 43.7



#16

Acetone

Concen: 221.62 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000743.D

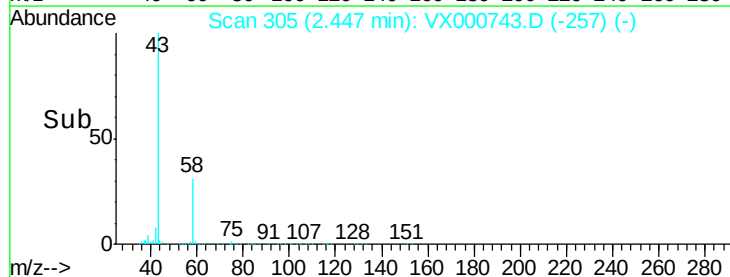
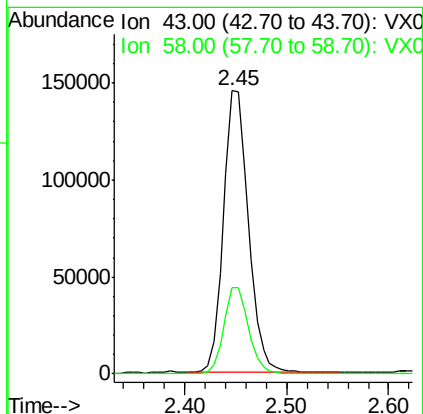
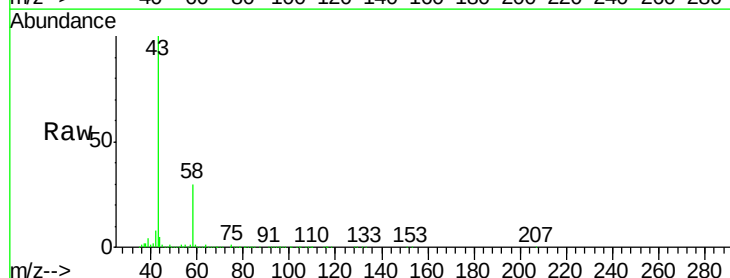
Acq: 08 Apr 2018 20:19

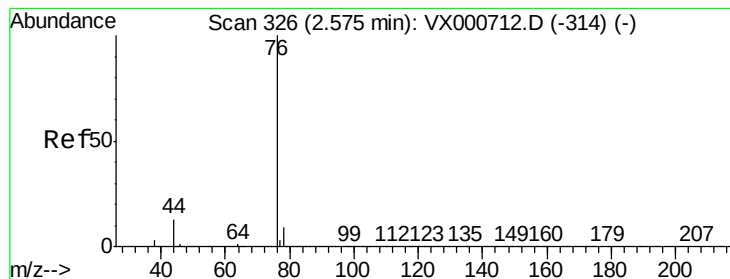
Tgt Ion: 43 Resp: 247078

Ion Ratio Lower Upper

43 100

58 30.4 24.0 36.0





#17

Carbon Disulfide

Concen: 50.79 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

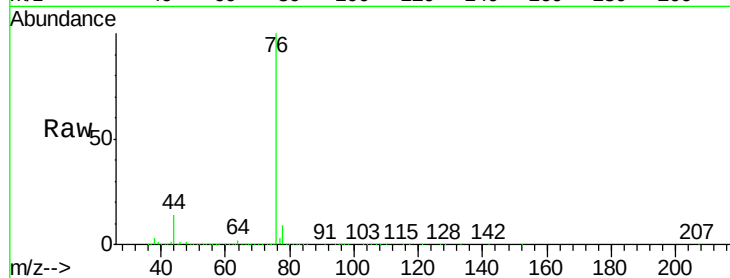
MW-19-040218MS

Tgt Ion: 76 Resp: 246272

Ion Ratio Lower Upper

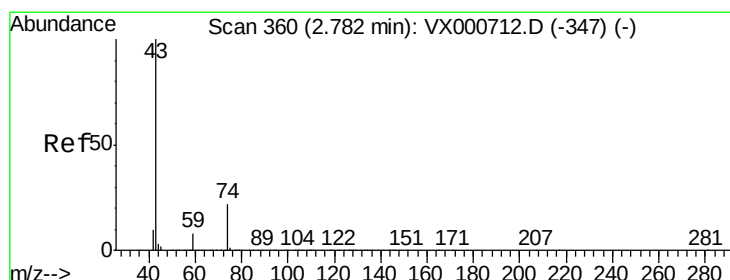
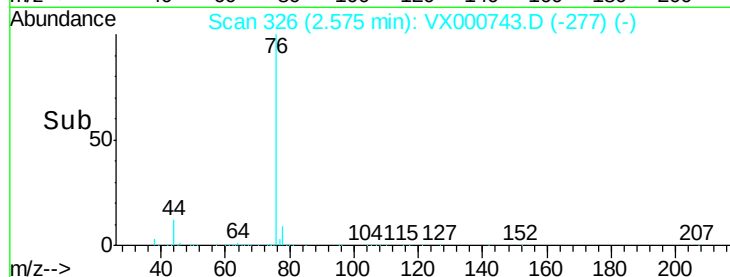
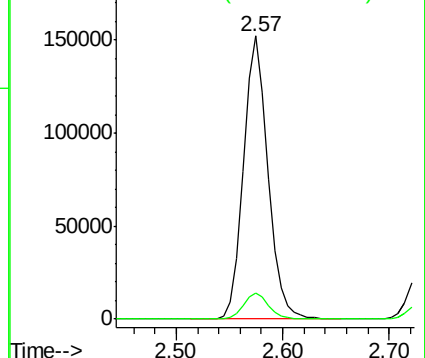
76 100

78 9.3 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: 46.88 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000743.D

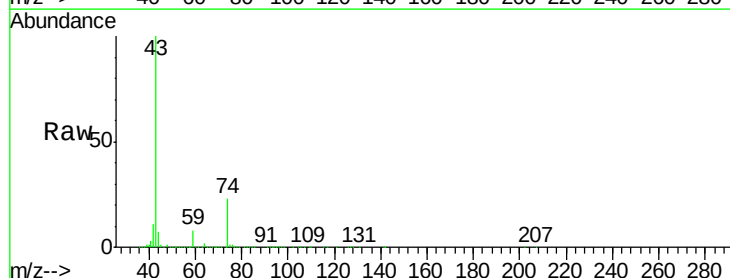
Acq: 08 Apr 2018 20:19

Tgt Ion: 43 Resp: 155196

Ion Ratio Lower Upper

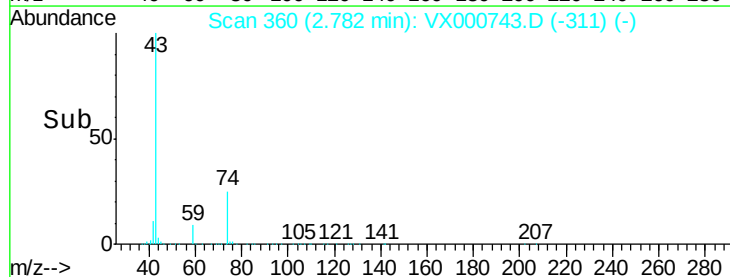
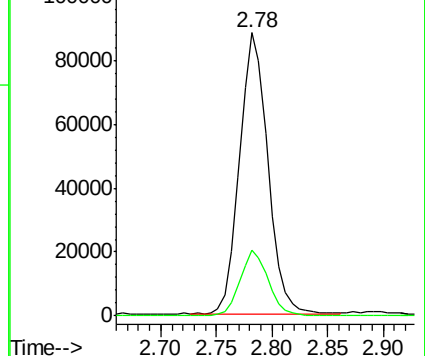
43 100

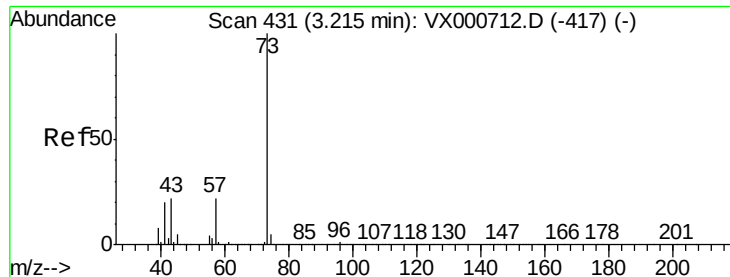
74 23.7 19.0 28.6



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: 49.35 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

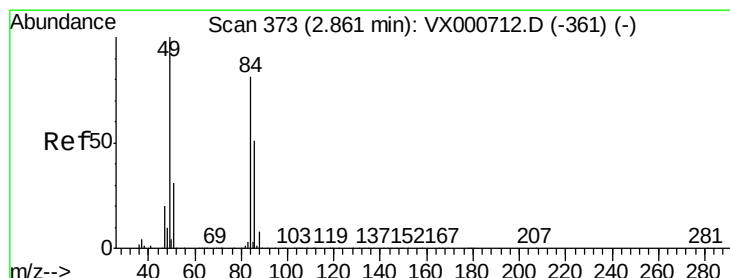
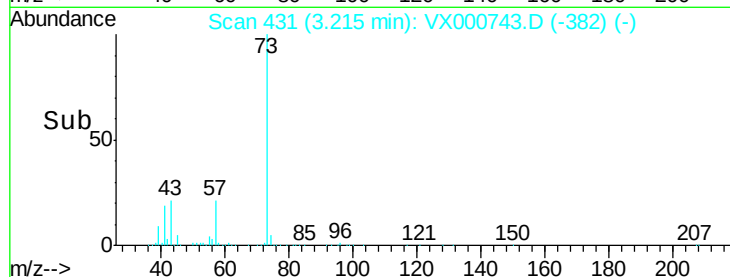
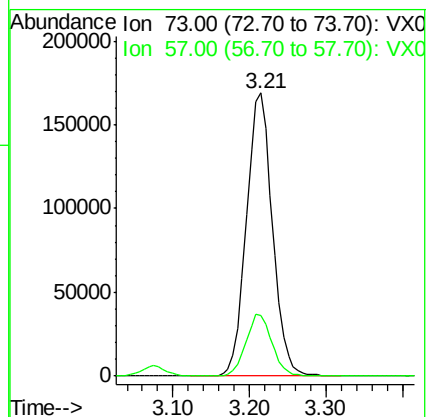
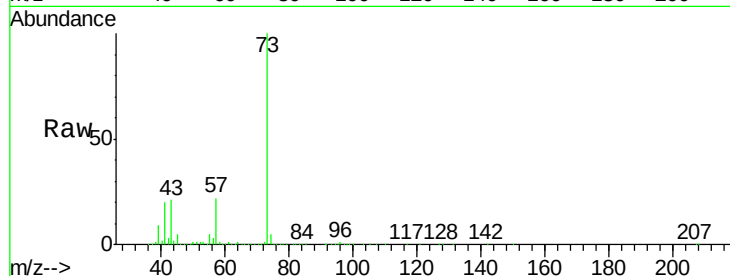
MW-19-040218MS

Tgt Ion: 73 Resp: 399647

Ion Ratio Lower Upper

73 100

57 21.4 17.3 25.9



#20

Methylene Chloride

Concen: 49.74 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion: 84 Resp: 118886

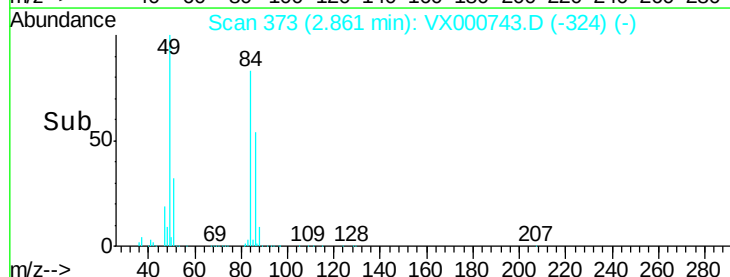
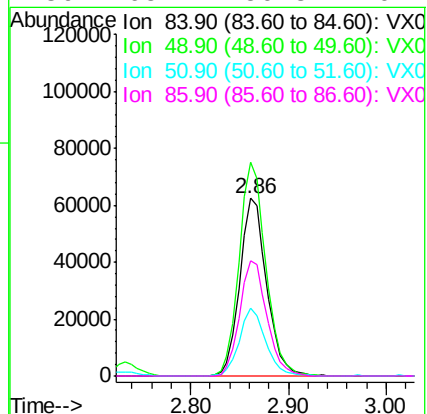
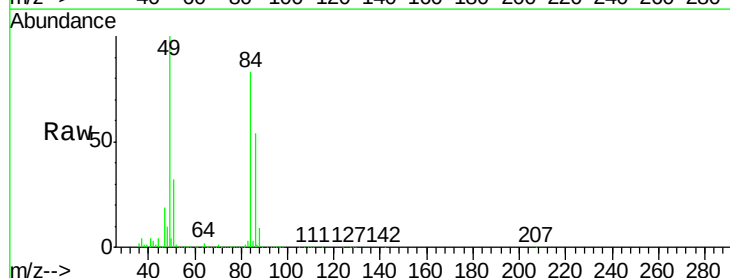
Ion Ratio Lower Upper

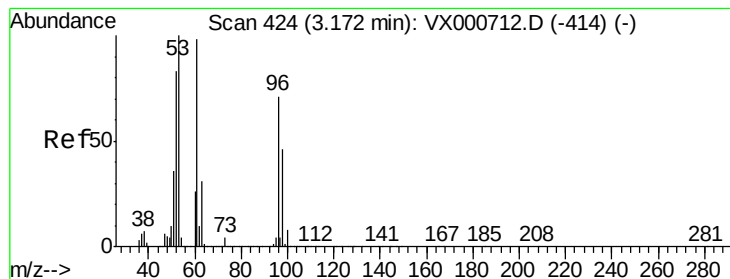
84 100

49 120.2 98.6 148.0

51 38.2 30.8 46.2

86 65.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.15 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

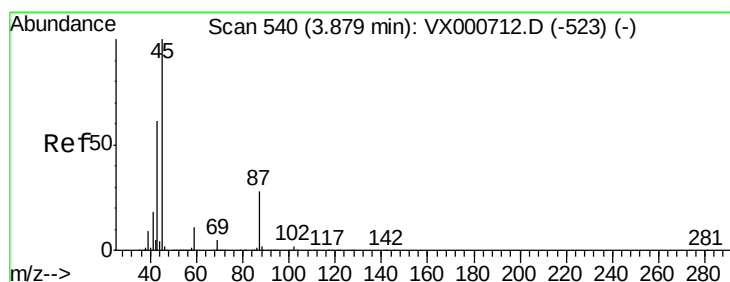
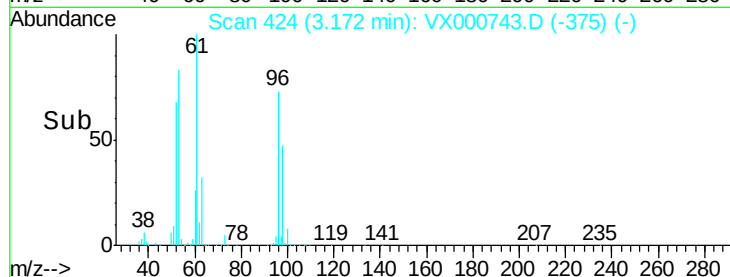
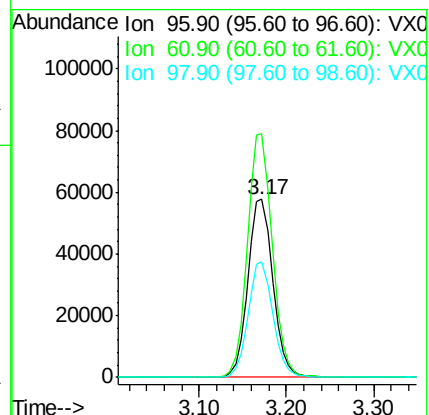
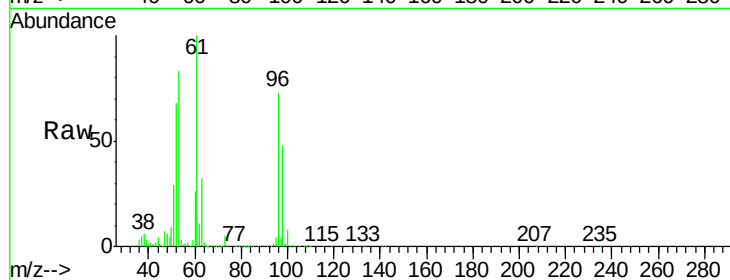
Tgt Ion: 96 Resp: 114451

Ion Ratio Lower Upper

96 100

61 136.8 109.8 164.6

98 65.0 51.5 77.3



#22

Diisopropyl ether

Concen: 48.68 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Tgt Ion: 45 Resp: 420081

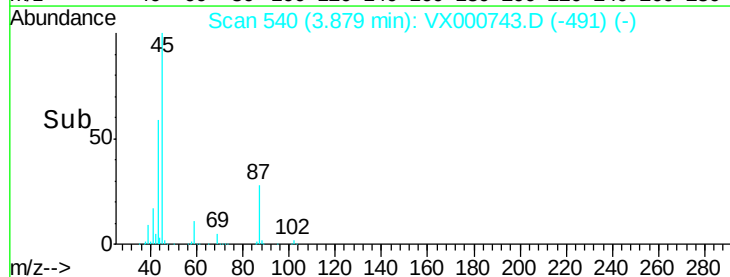
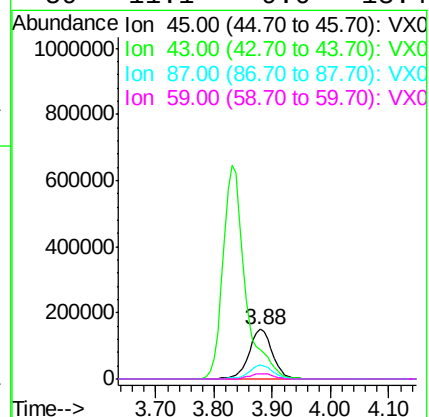
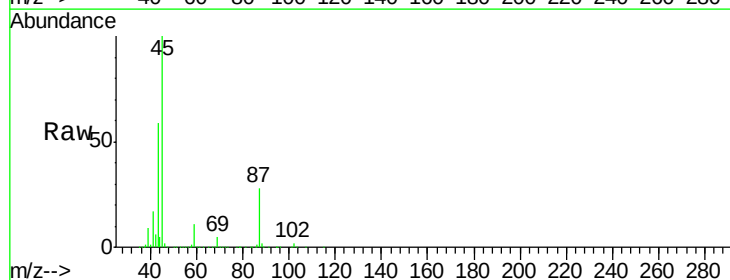
Ion Ratio Lower Upper

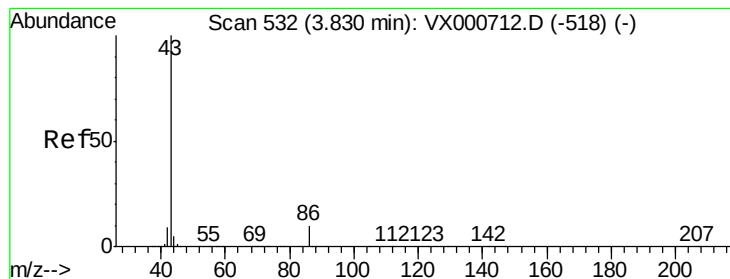
45 100

43 58.8 49.2 73.8

87 28.0 22.7 34.1

59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 232.05 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

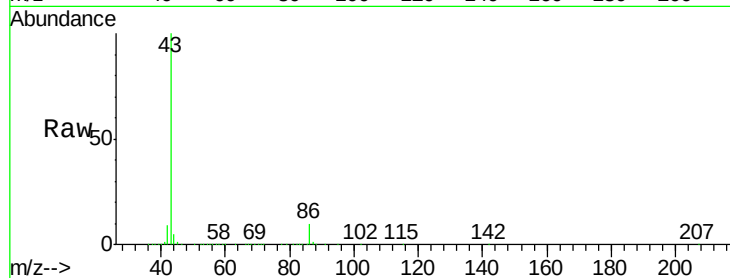
MW-19-040218MS

Tgt Ion: 43 Resp: 1695562

Ion Ratio Lower Upper

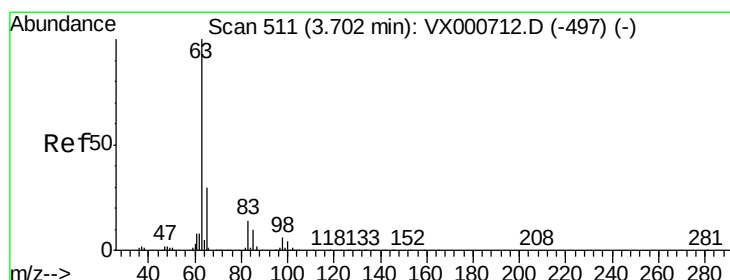
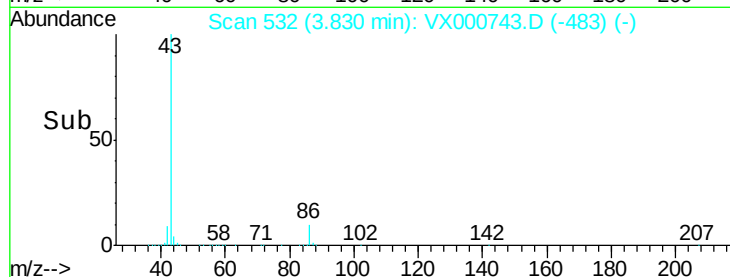
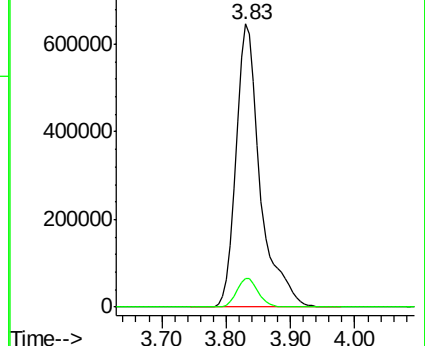
43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.75 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

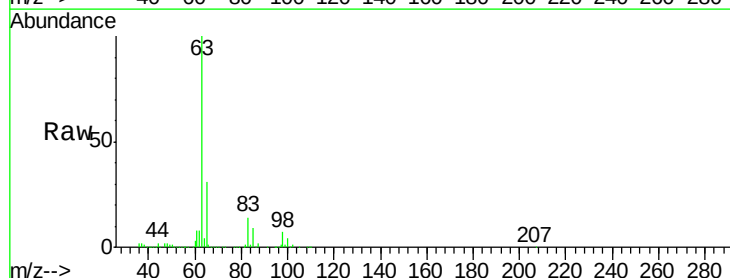
Tgt Ion: 63 Resp: 229228

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

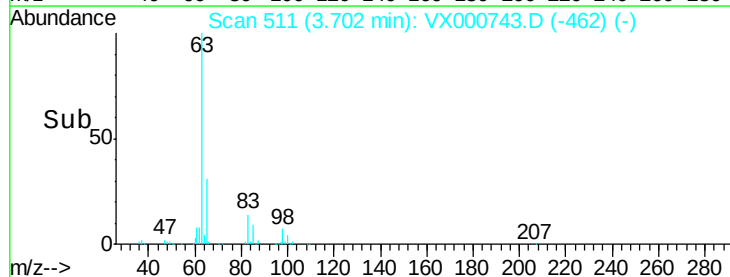
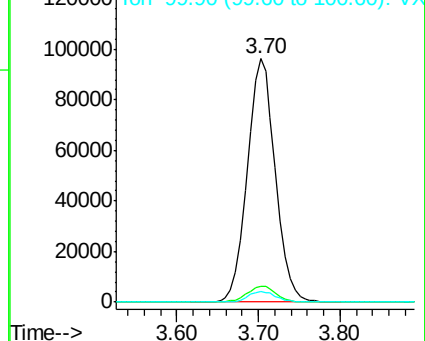
100 4.4 2.1 6.3

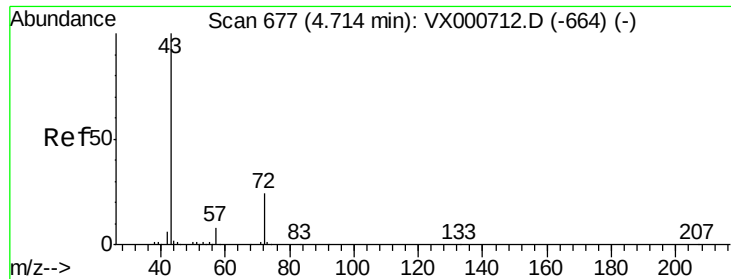


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.47 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

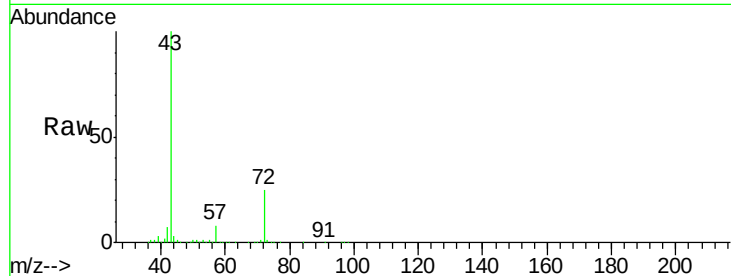
MW-19-040218MS

Tgt Ion: 43 Resp: 443666

Ion Ratio Lower Upper

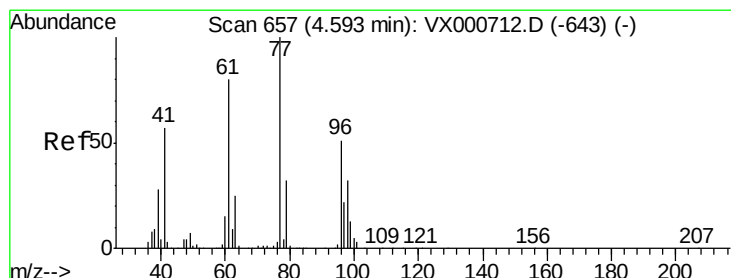
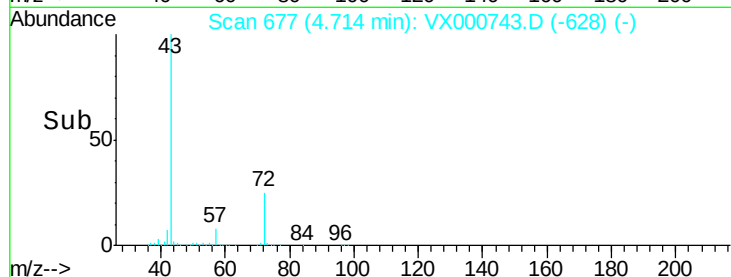
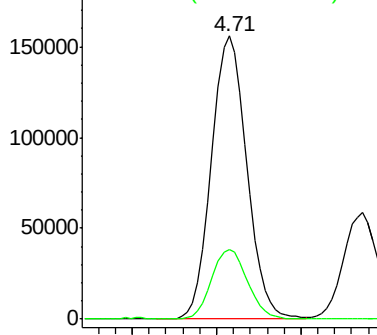
43 100

72 24.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.20 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000743.D

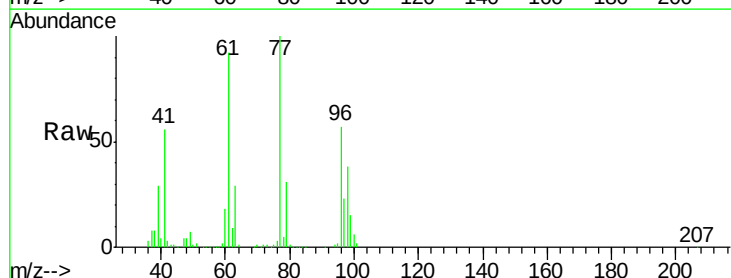
Acq: 08 Apr 2018 20:19

Tgt Ion: 77 Resp: 198579

Ion Ratio Lower Upper

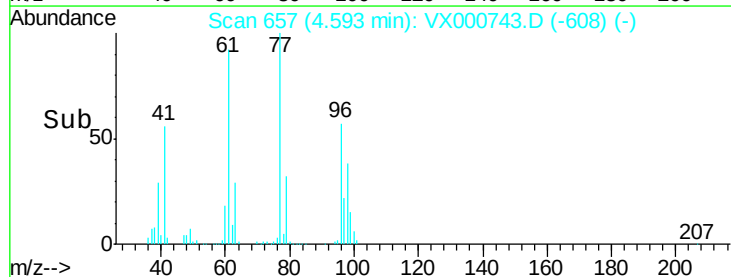
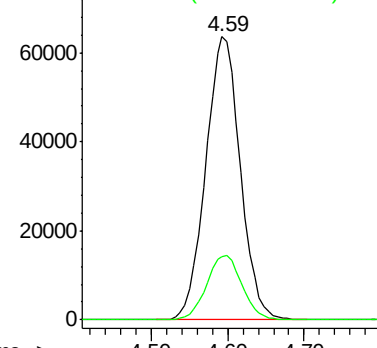
77 100

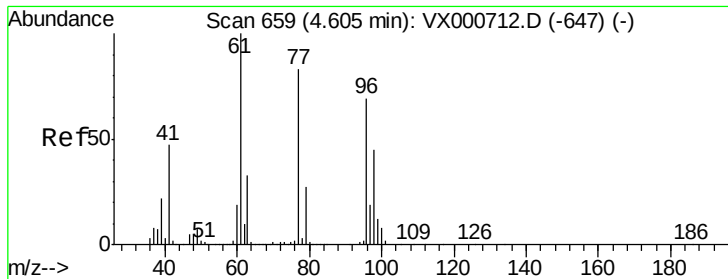
97 23.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.51 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

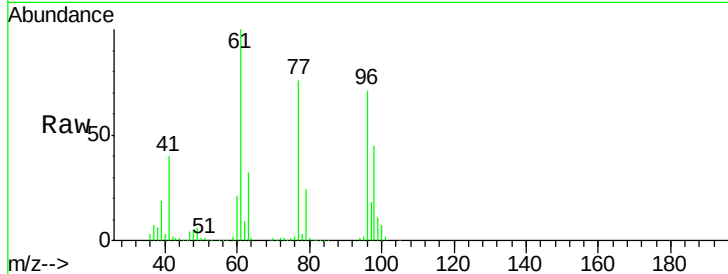
Tgt Ion: 96 Resp: 144431

Ion Ratio Lower Upper

96 100

61 144.8 0.0 301.0

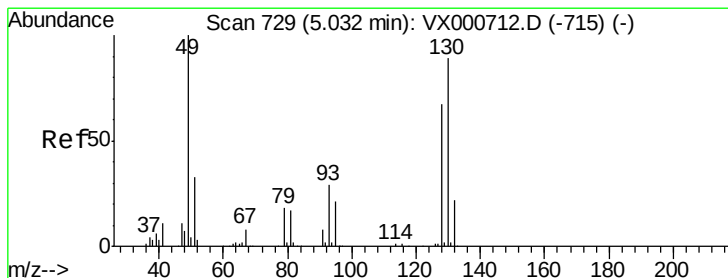
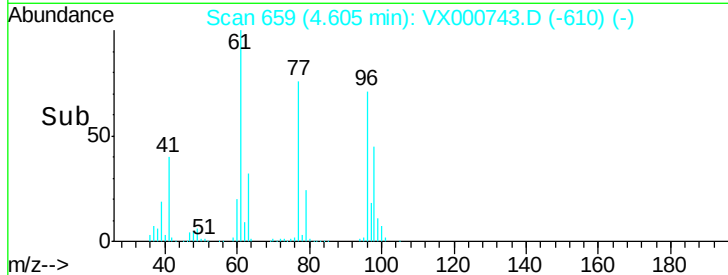
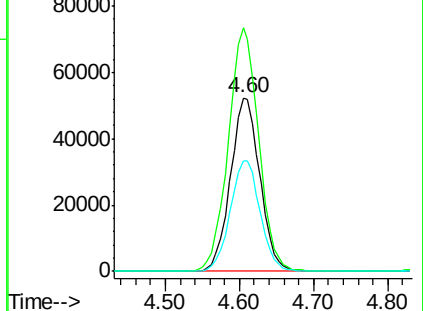
98 64.8 0.0 129.6



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: 56.52 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

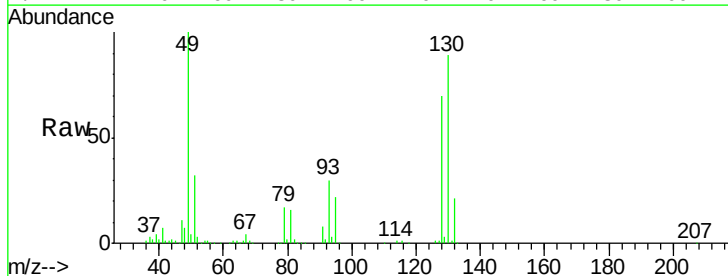
Tgt Ion: 49 Resp: 100154

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.4

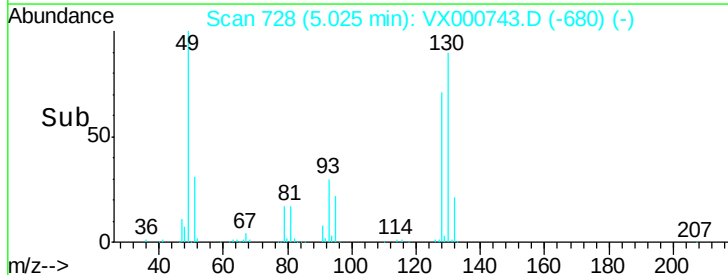
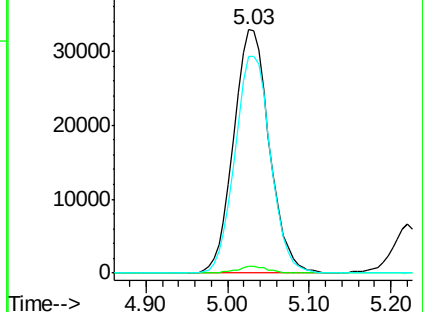
130 88.8 69.0 103.4

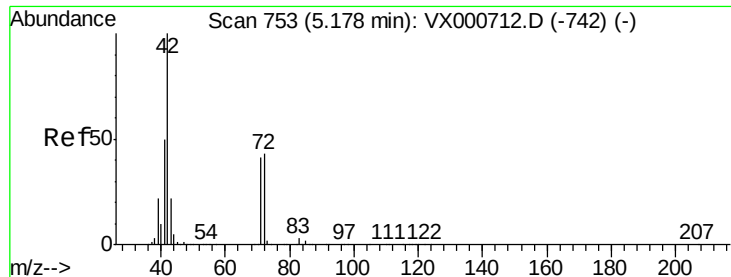


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

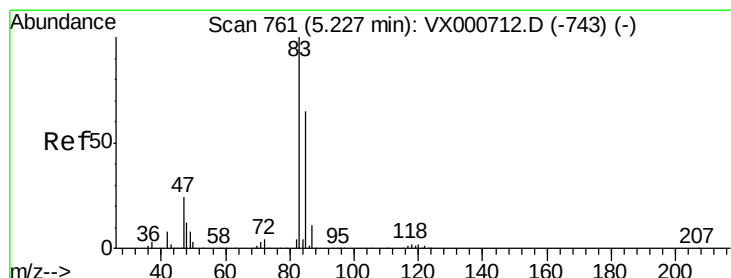
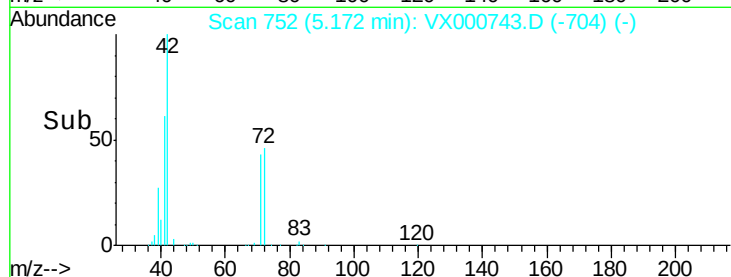
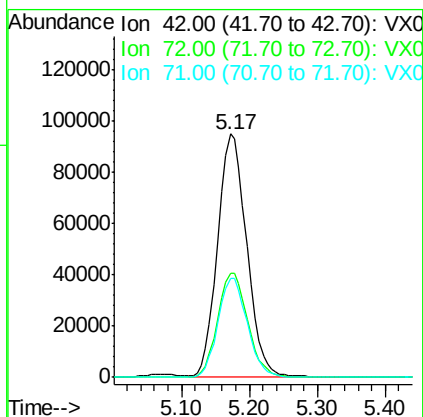
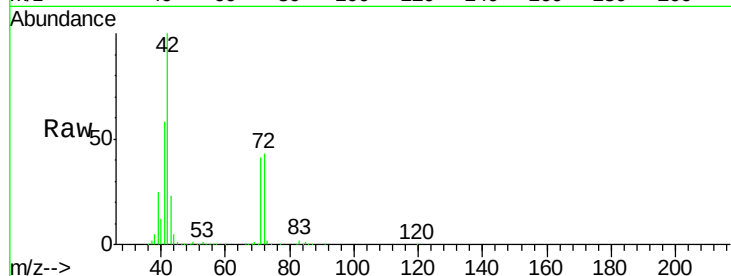




#29
Tetrahydrofuran
Concen: 226.64 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

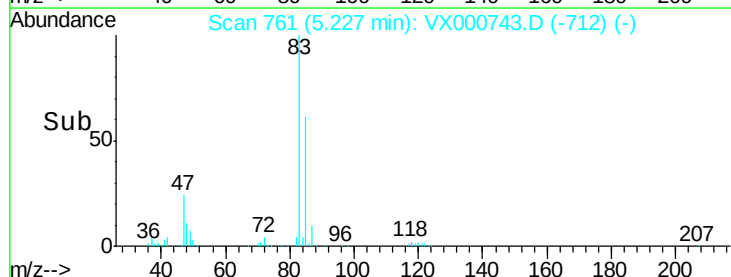
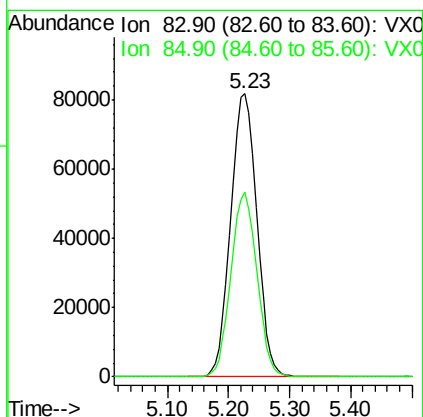
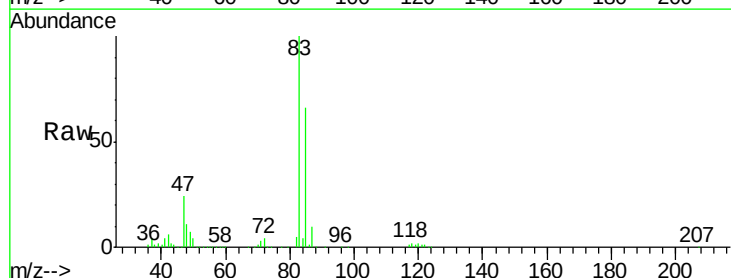
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

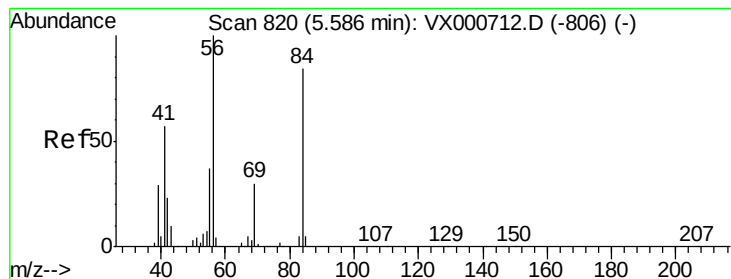
Tgt Ion: 42 Resp: 281300
Ion Ratio Lower Upper
42 100
72 44.3 34.4 51.6
71 41.1 32.0 48.0



#30
Chloroform
Concen: 49.30 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion: 83 Resp: 242096
Ion Ratio Lower Upper
83 100
85 65.5 52.3 78.5





#31

Cyclohexane

Concen: 51.04 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

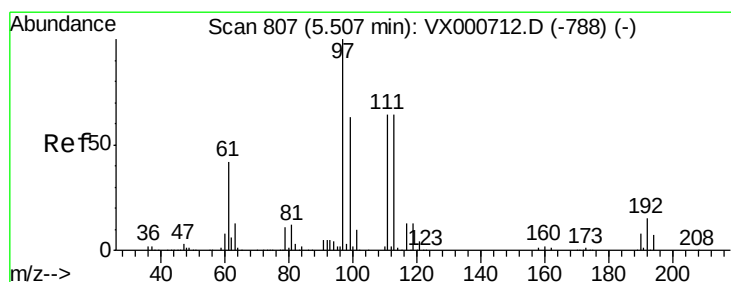
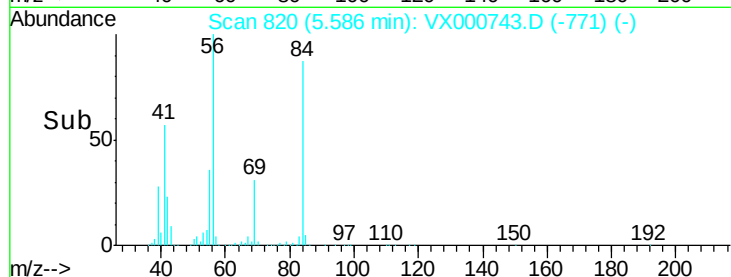
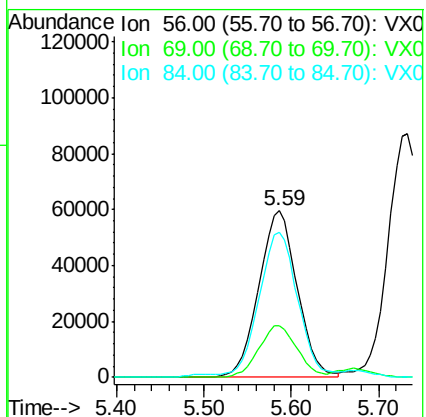
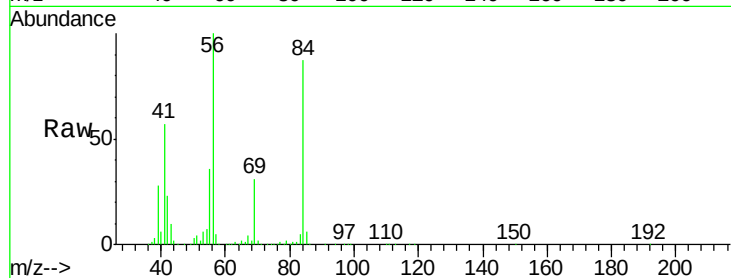
Tgt Ion: 56 Resp: 182525

Ion Ratio Lower Upper

56 100

69 31.2 23.8 35.6

84 85.6 67.4 101.2



#32

1,1,1-Trichloroethane

Concen: 48.60 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

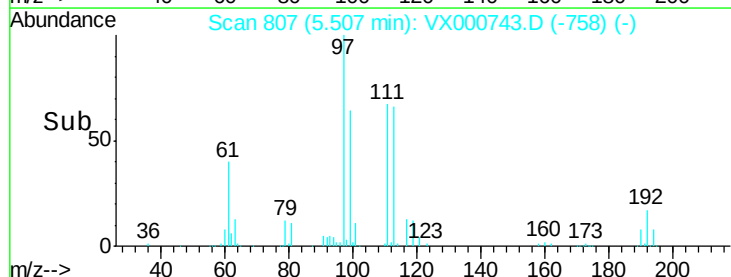
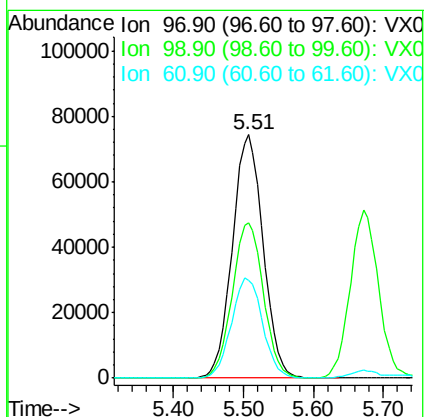
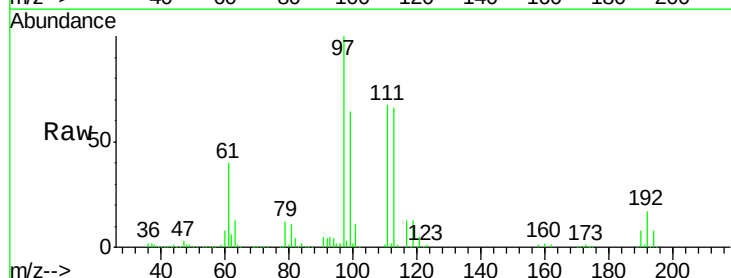
Tgt Ion: 97 Resp: 227423

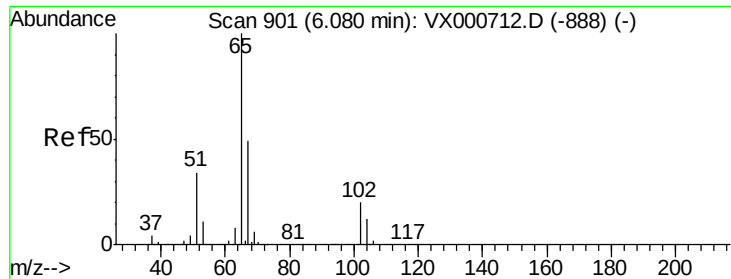
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

61 41.6 34.2 51.4

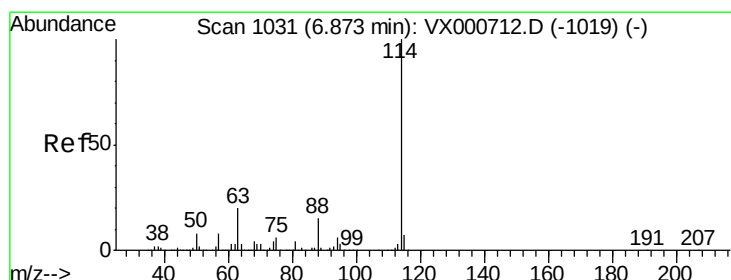
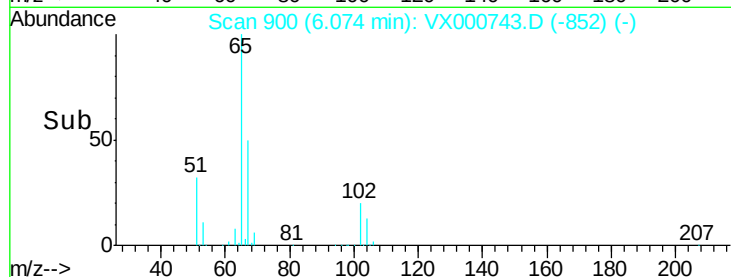
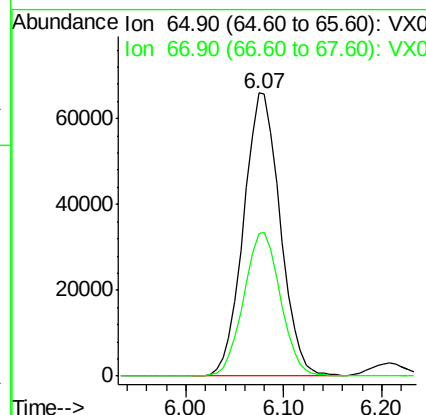
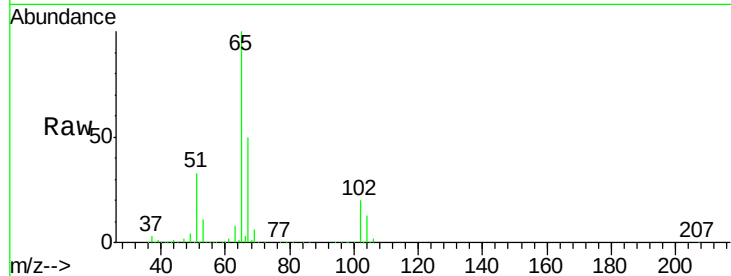




#33
 1,2-Dichloroethane-d4
 Concen: 48.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

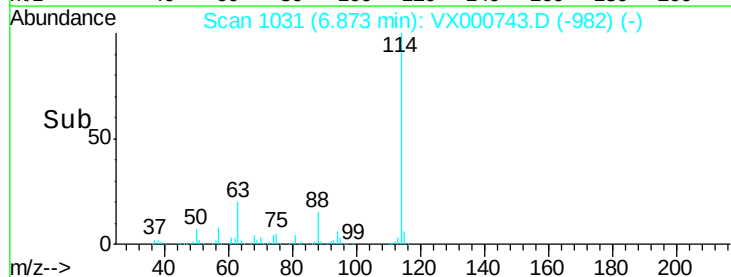
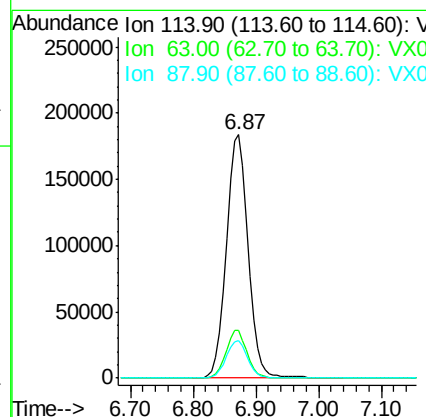
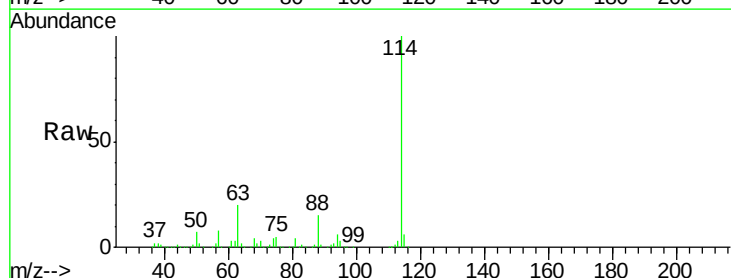
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

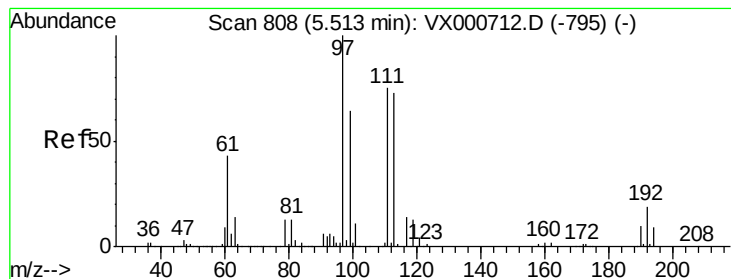
Tgt Ion: 65 Resp: 171472
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion: 114 Resp: 439825
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.18 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

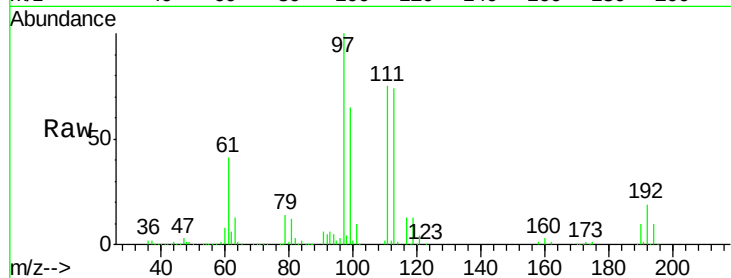
Tgt Ion:113 Resp: 145477

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

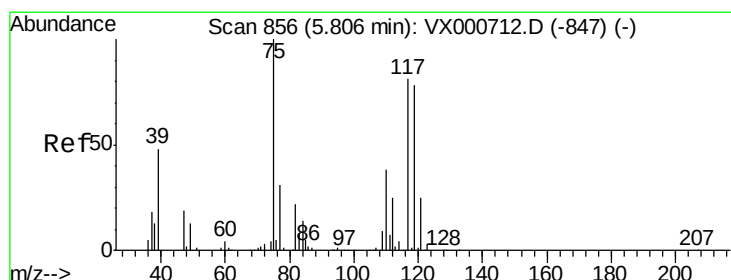
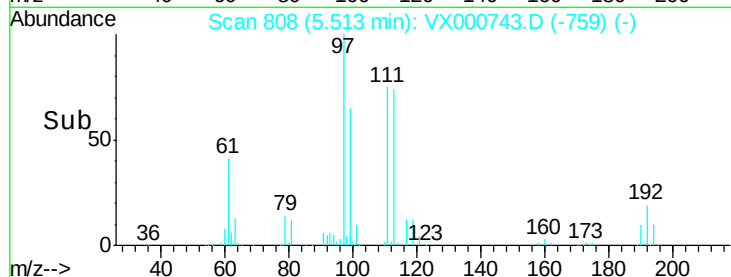
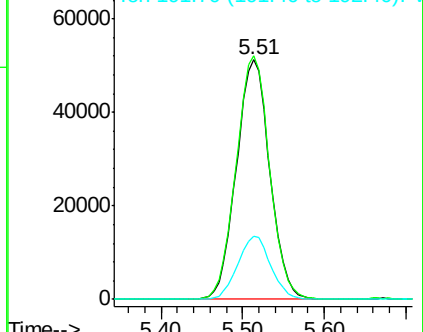
192 25.9 20.0 30.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.56 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

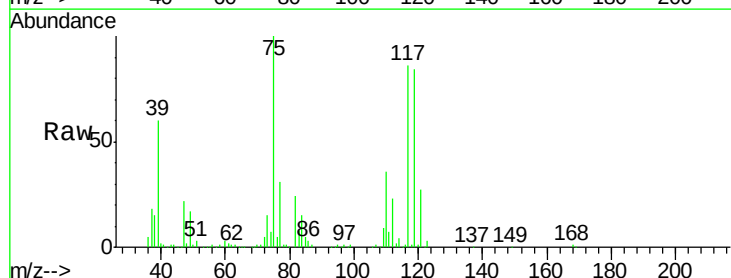
Tgt Ion: 75 Resp: 171630

Ion Ratio Lower Upper

75 100

110 38.1 18.6 56.0

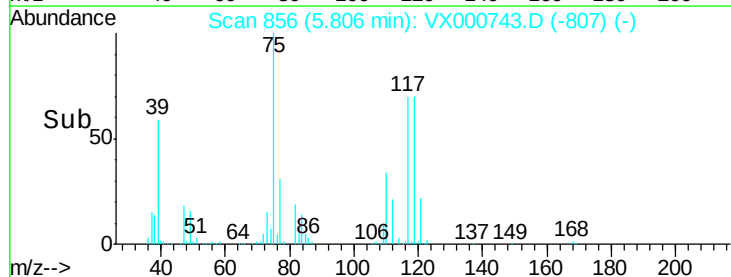
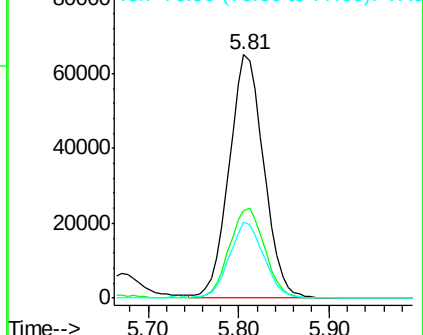
77 30.8 24.6 37.0

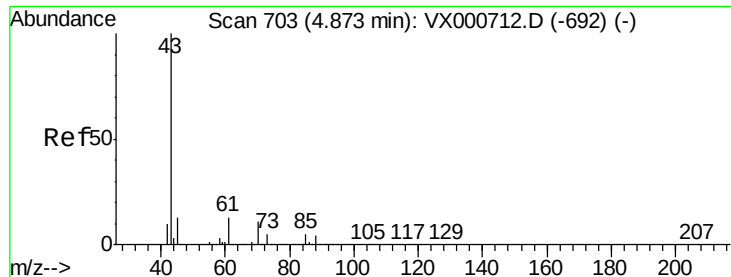


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

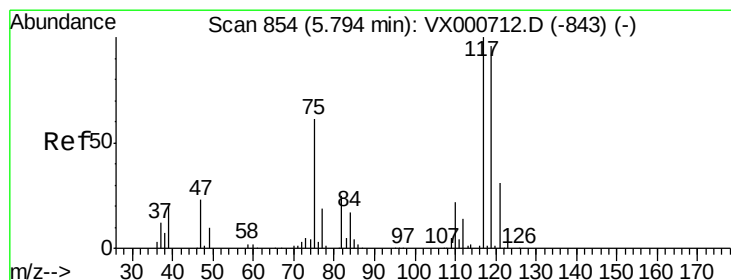
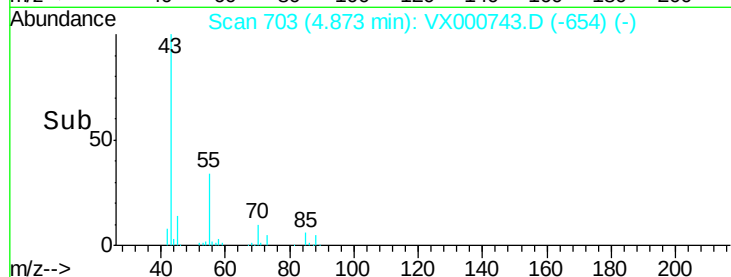
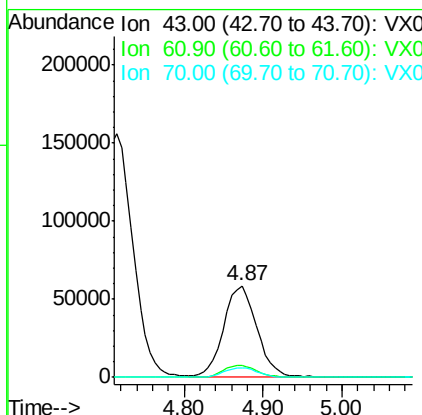
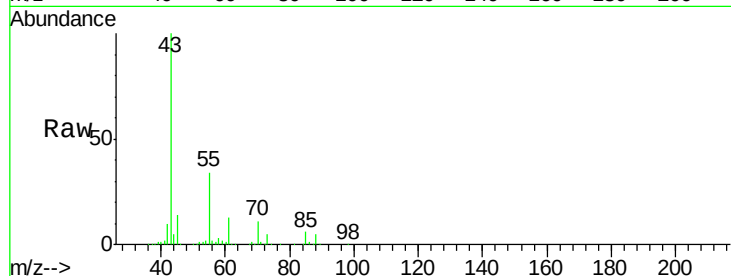




#37
Ethyl Acetate
Concen: 42.10 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

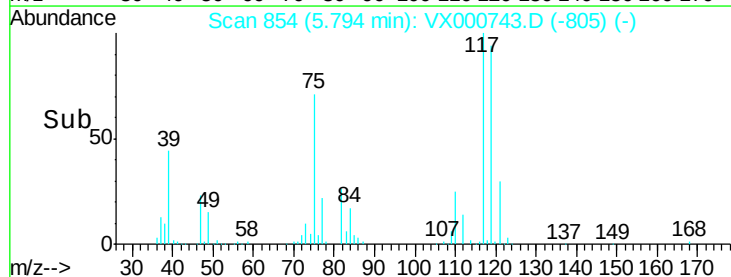
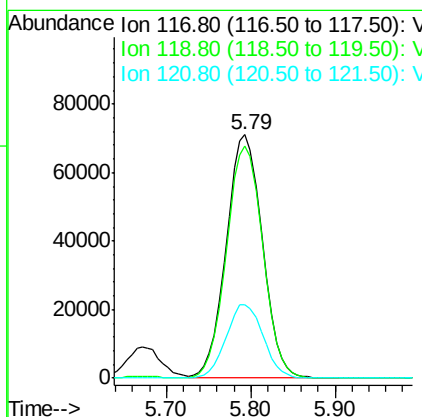
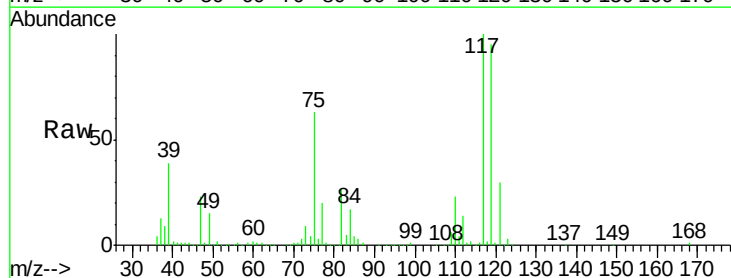
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

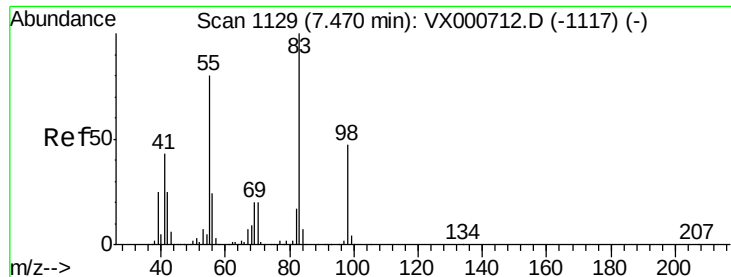
Tgt Ion: 43 Resp: 171179
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 10.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.77 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion: 117 Resp: 206448
Ion Ratio Lower Upper
117 100
119 95.4 76.7 115.1
121 30.2 24.7 37.1

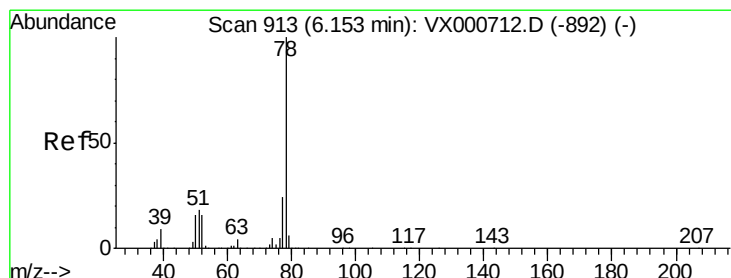
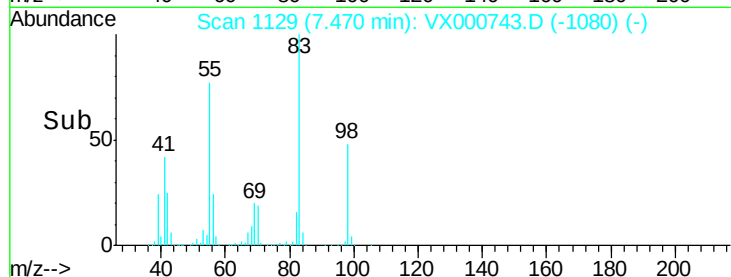
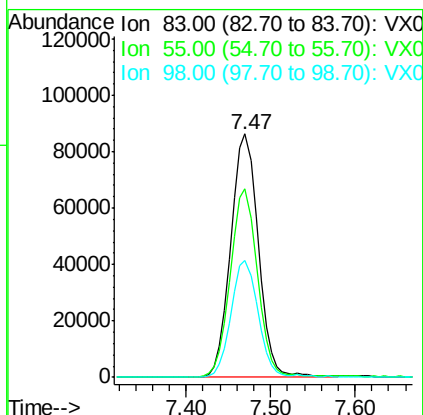
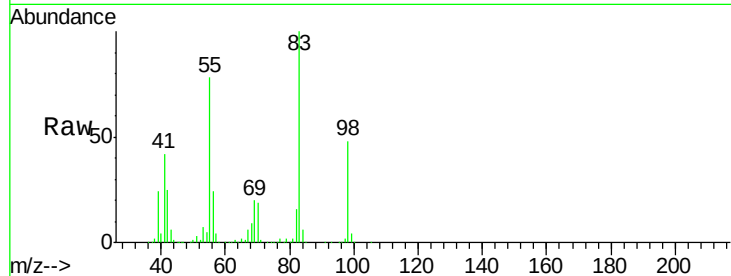




#39
Methylcyclohexane
Concen: 47.96 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

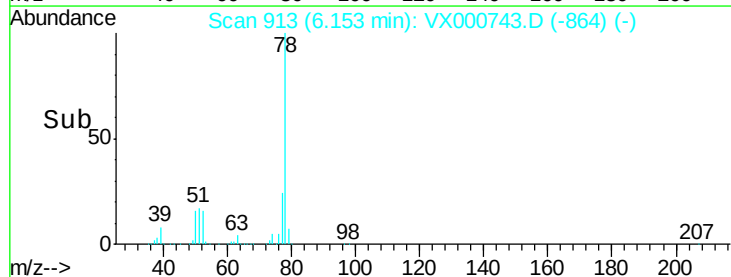
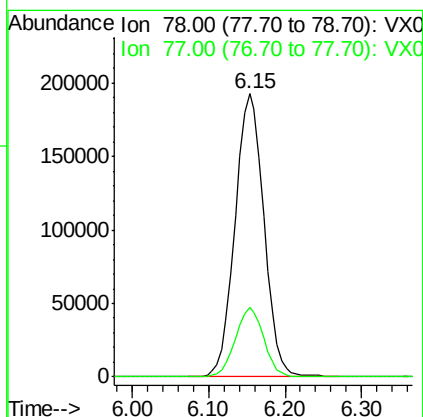
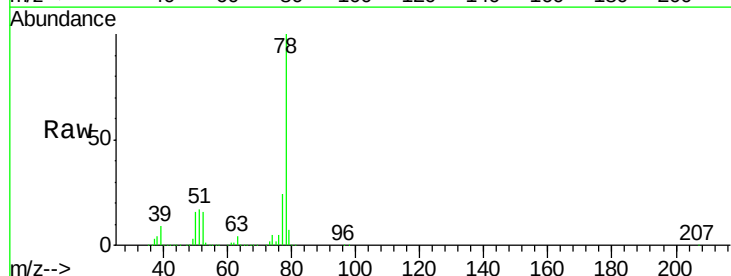
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

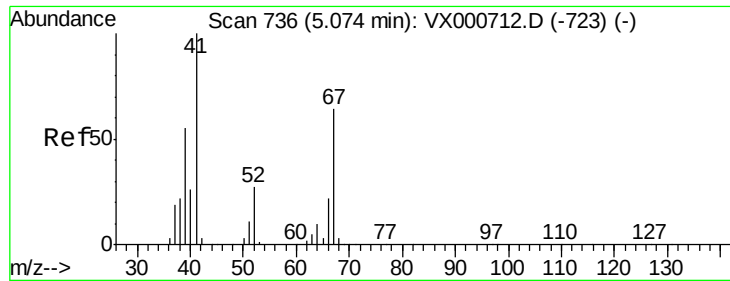
Tgt Ion: 83 Resp: 191457
Ion Ratio Lower Upper
83 100
55 77.4 63.7 95.5
98 48.2 37.2 55.8



#40
Benzene
Concen: 47.73 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion: 78 Resp: 505669
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

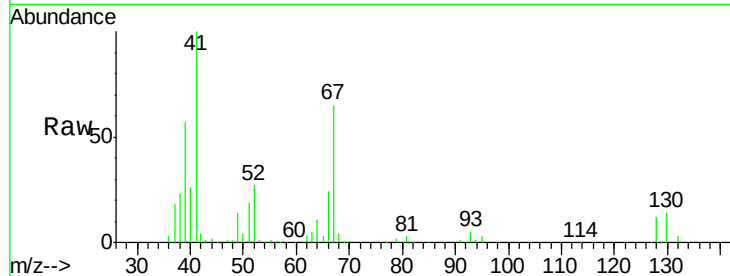




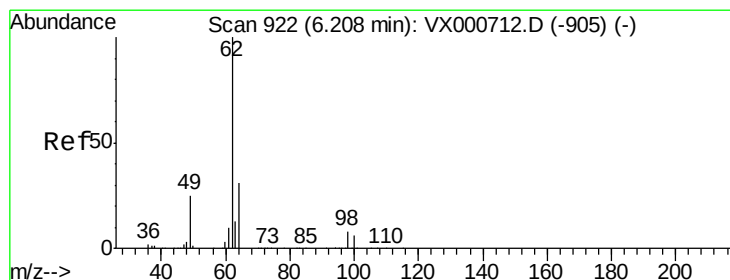
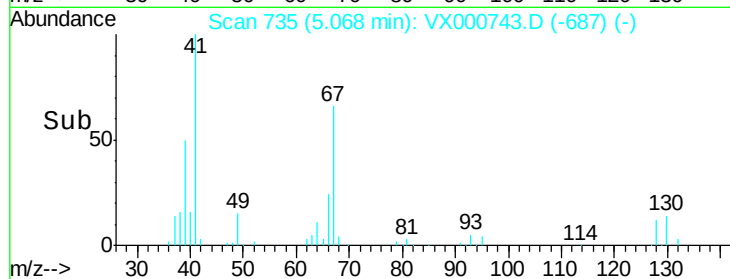
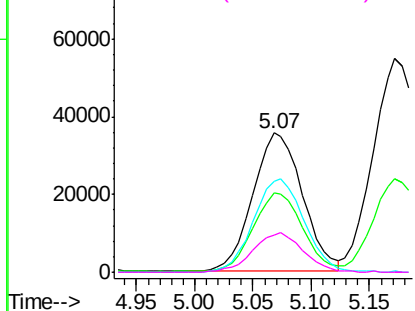
#41
Methacrylonitrile
Concen: 44.80 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

Tgt Ion:	41	Resp:	105524
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.3	67.9
67	68.8	52.7	79.1
52	28.9	22.3	33.5

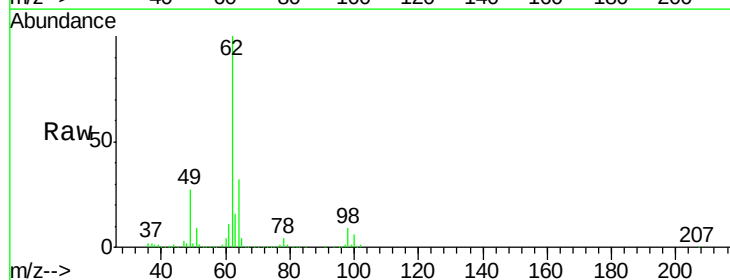


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

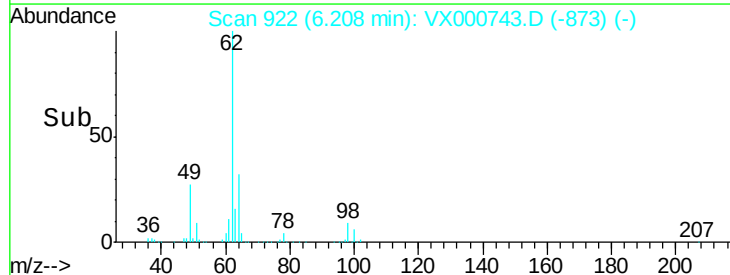
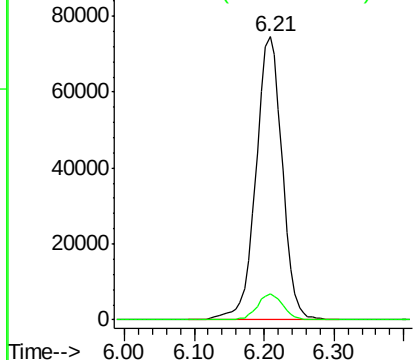


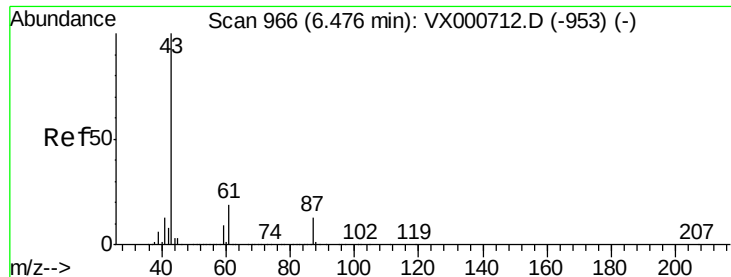
#42
1,2-Dichloroethane
Concen: 46.71 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion:	62	Resp:	195212
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 43.66 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

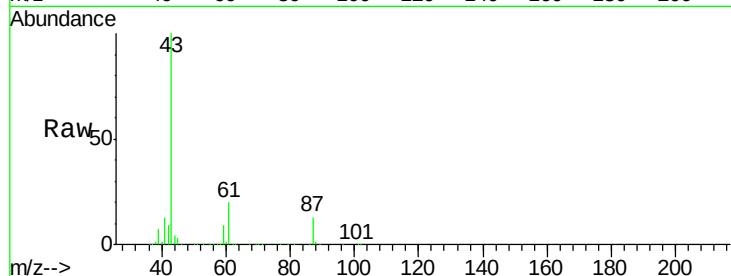
Tgt Ion: 43 Resp: 309149

Ion Ratio Lower Upper

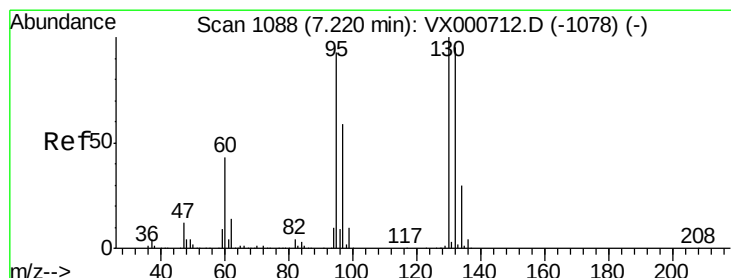
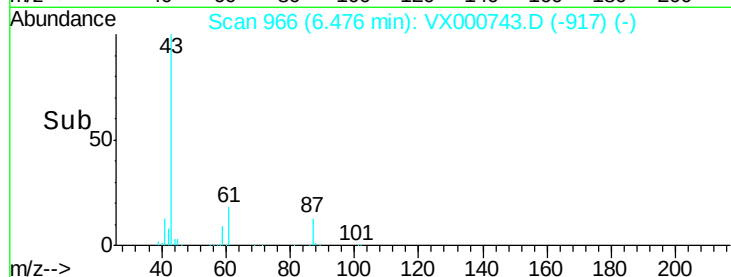
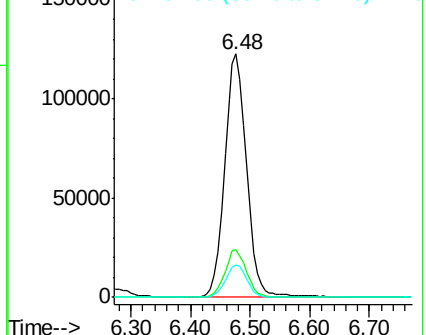
43 100

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: 48.98 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000743.D

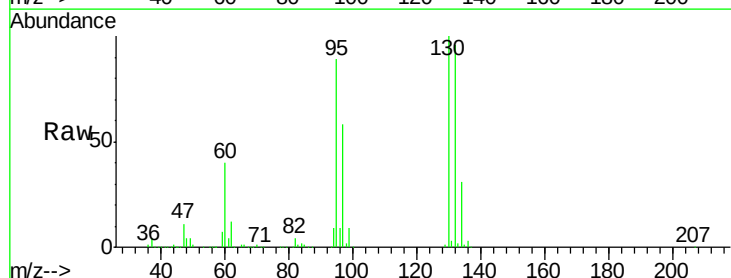
Acq: 08 Apr 2018 20:19

Tgt Ion: 130 Resp: 157704

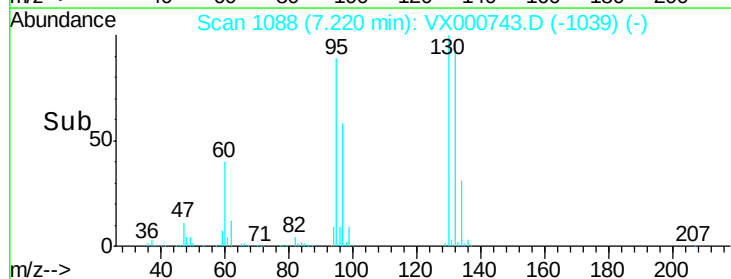
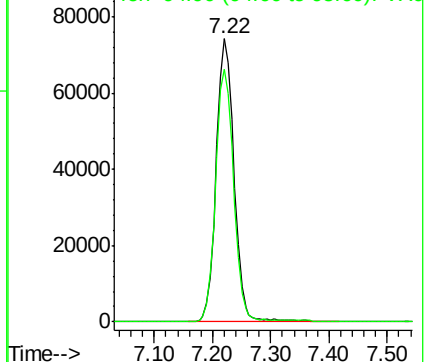
Ion Ratio Lower Upper

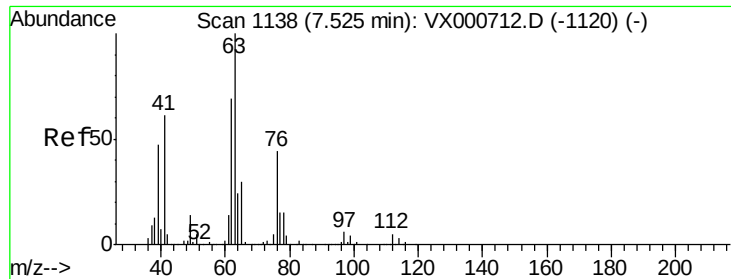
130 100

95 89.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

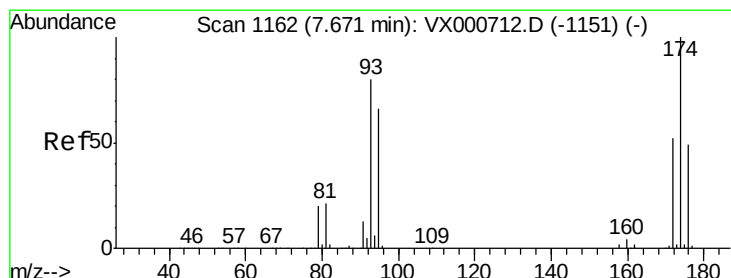
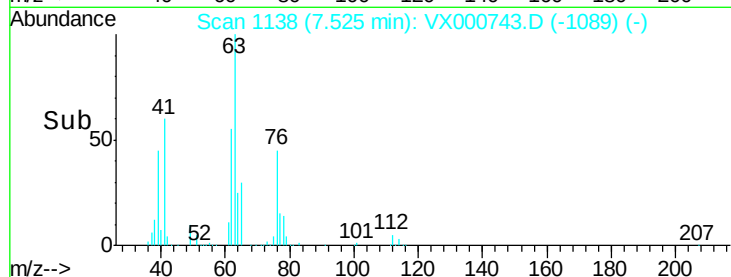
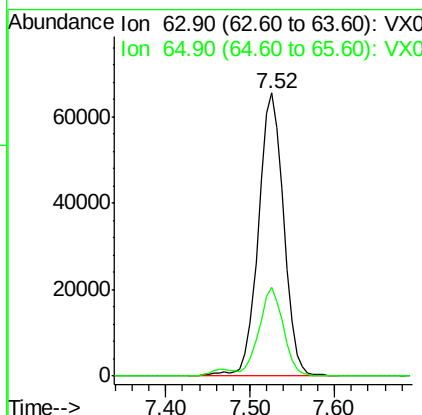
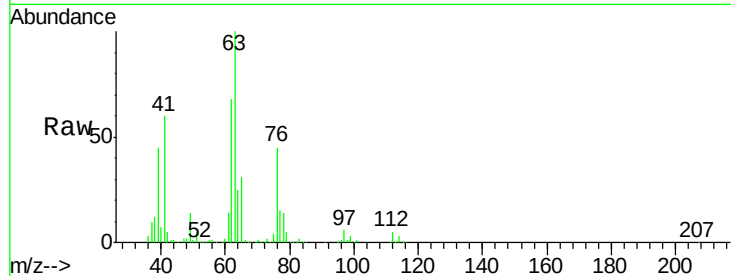




#45
 1,2-Dichloropropane
 Concen: 47.57 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

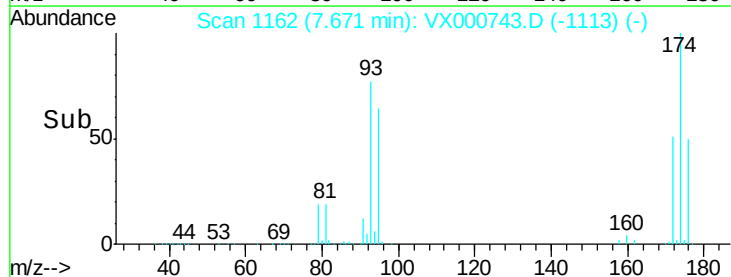
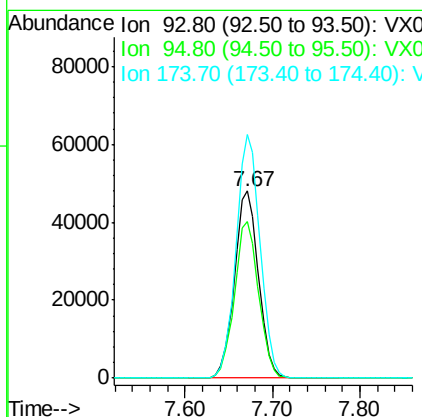
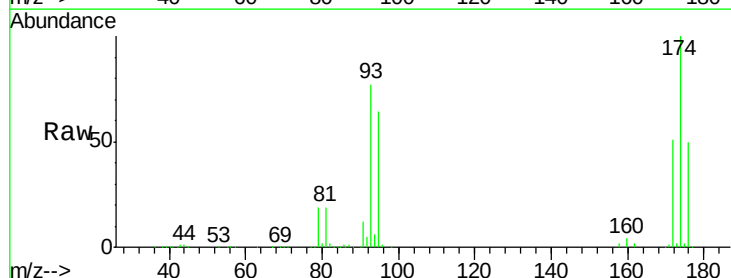
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

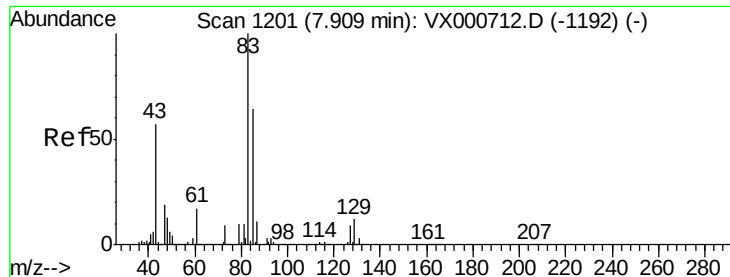
Tgt Ion: 63 Resp: 135136
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.2 36.2



#46
 Dibromomethane
 Concen: 46.74 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion: 93 Resp: 92158
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.0 99.0
 174 130.1 100.2 150.2





#47

Bromodichloromethane

Concen: 47.94 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

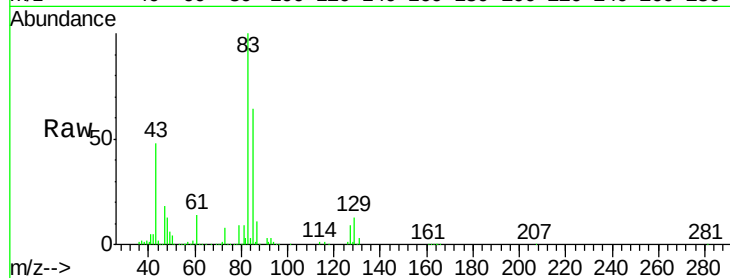
Tgt Ion: 83 Resp: 195598

Ion Ratio Lower Upper

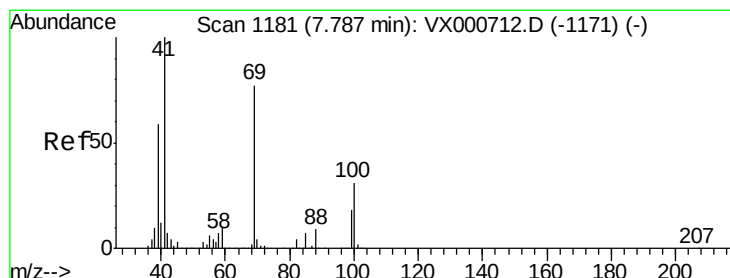
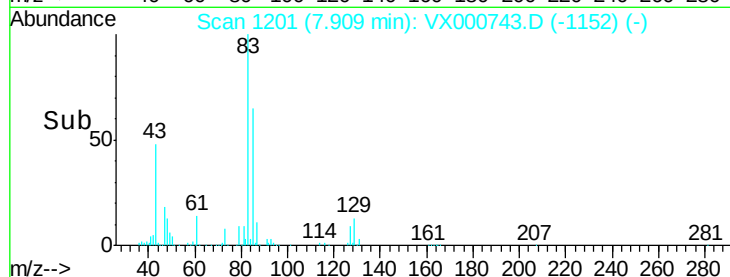
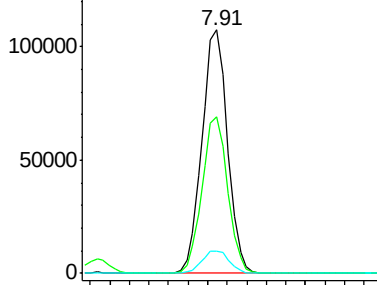
83 100

85 64.4 51.0 76.4

127 9.4 7.4 11.2



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



#48

Methyl methacrylate

Concen: 45.41 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

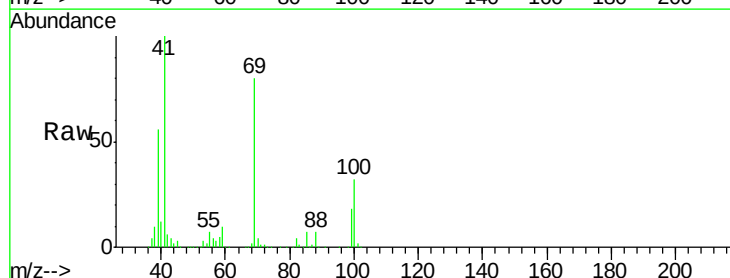
Tgt Ion: 41 Resp: 161757

Ion Ratio Lower Upper

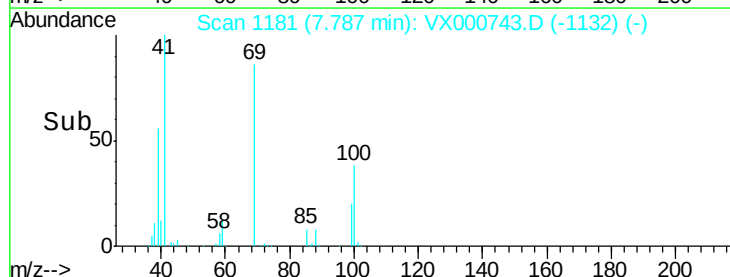
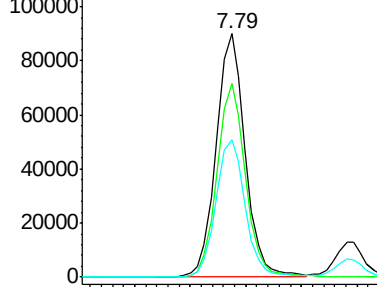
41 100

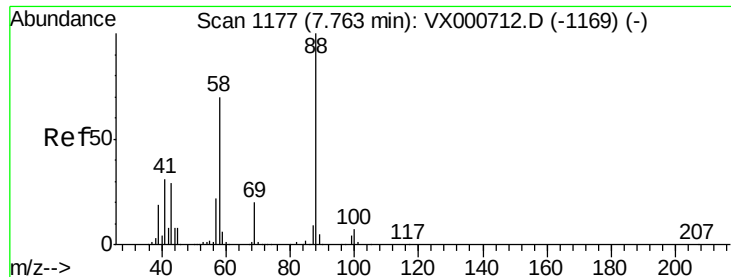
69 78.7 62.0 93.0

39 57.1 47.0 70.4



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

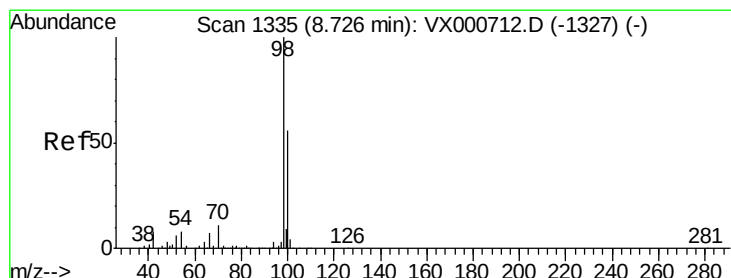
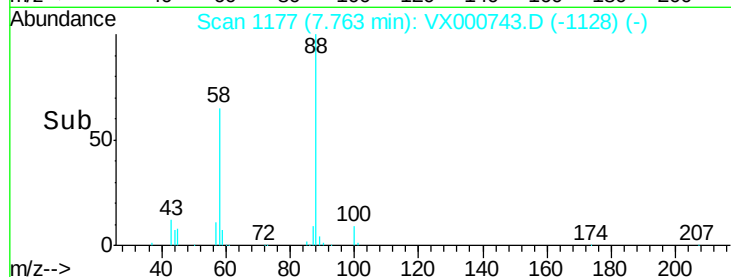
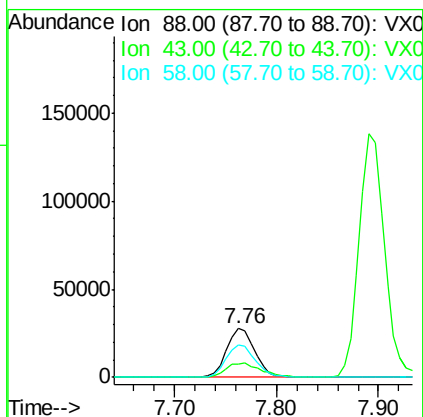
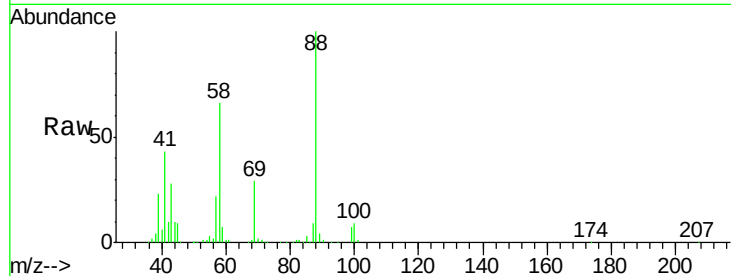




#49
 1,4-Dioxane
 Concen: 744.34 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

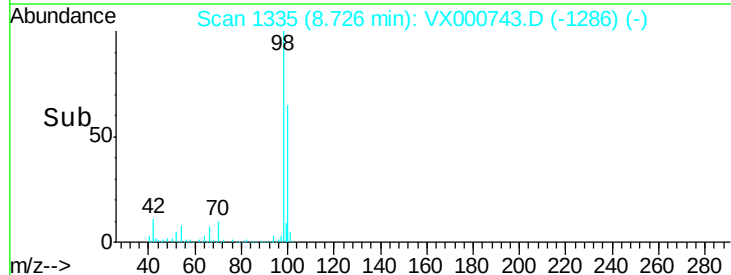
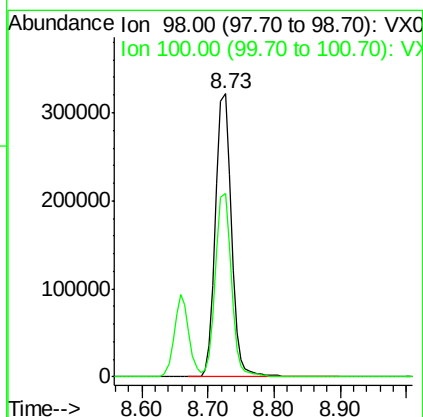
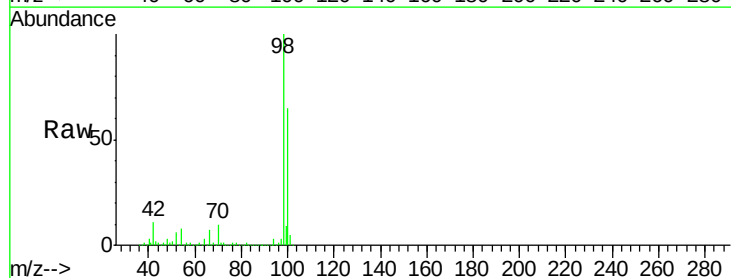
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

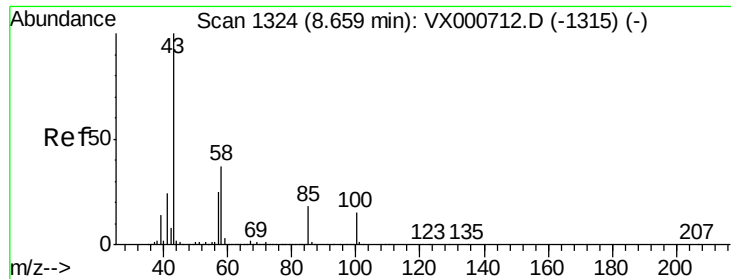
Tgt Ion: 88 Resp: 52629
 Ion Ratio Lower Upper
 88 100
 43 35.4 27.9 41.9
 58 69.8 57.0 85.4



#50
 Toluene-d8
 Concen: 49.61 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion: 98 Resp: 534448
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 226.91 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

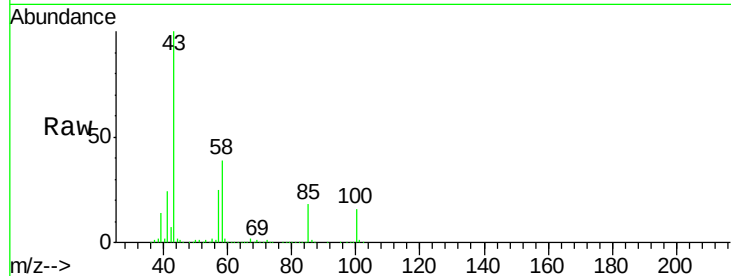
MW-19-040218MS

Tgt Ion: 43 Resp: 930862

Ion Ratio Lower Upper

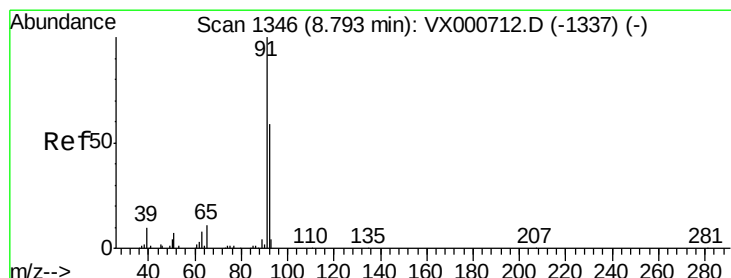
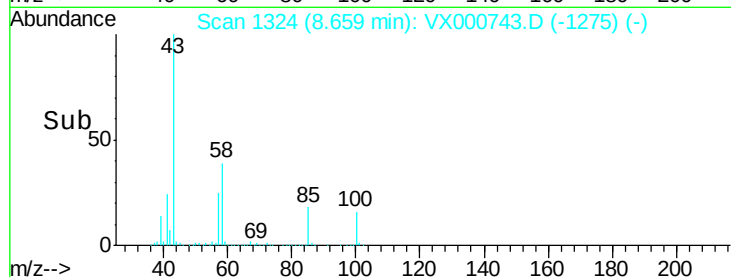
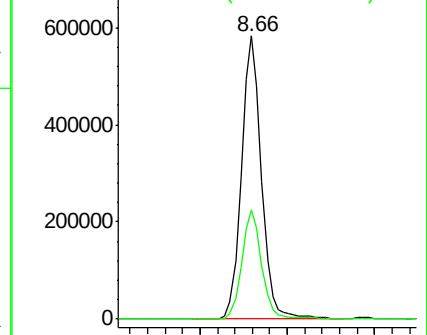
43 100

58 37.7 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: 47.56 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000743.D

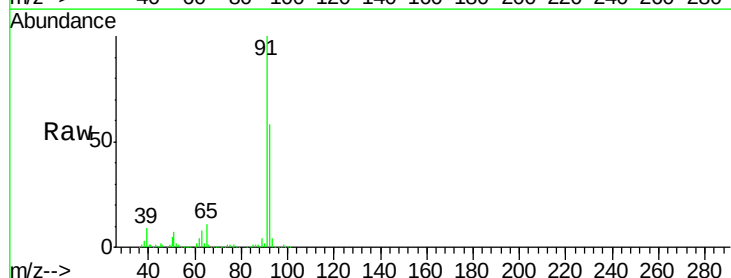
Acq: 08 Apr 2018 20:19

Tgt Ion: 92 Resp: 335937

Ion Ratio Lower Upper

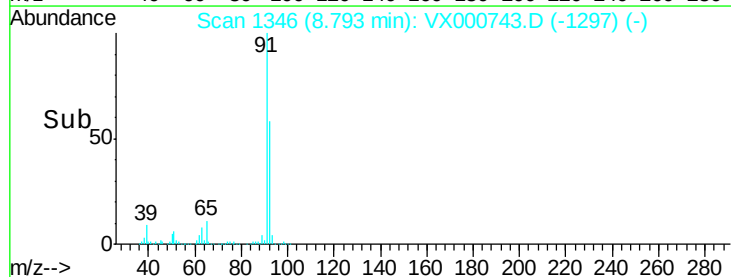
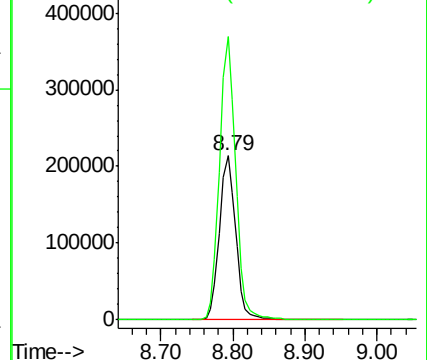
92 100

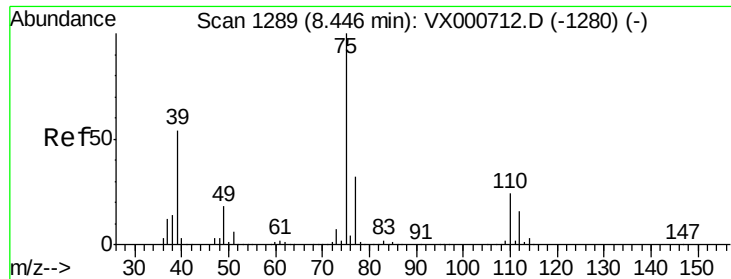
91 171.7 136.4 204.6



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: 46.41 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

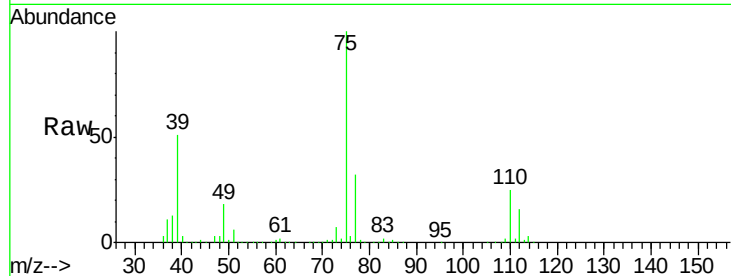
MW-19-040218MS

Tgt Ion: 75 Resp: 225315

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

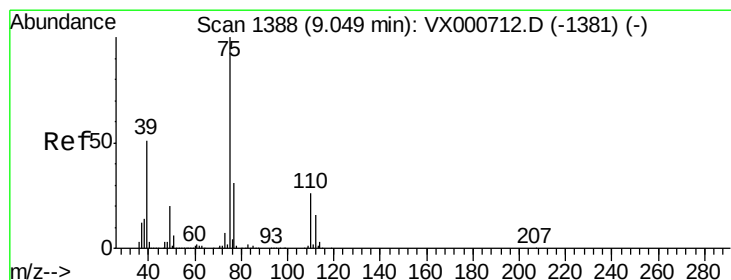
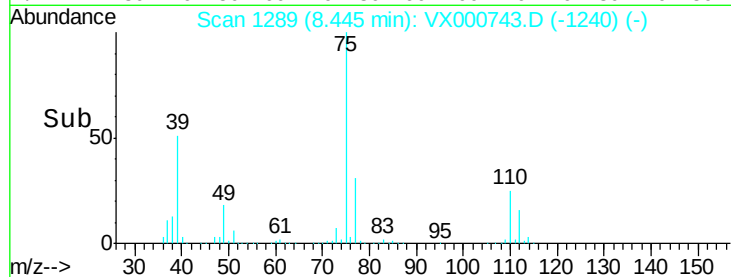
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.95 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

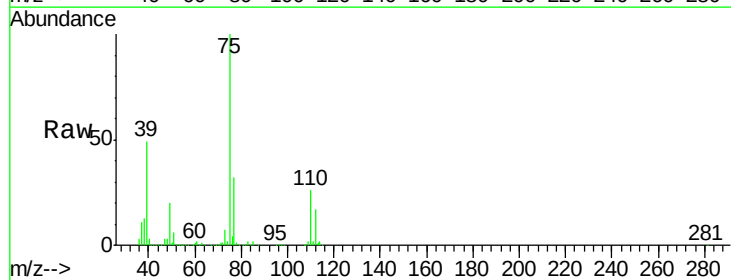
Tgt Ion: 75 Resp: 221531

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

39 48.9 40.5 60.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

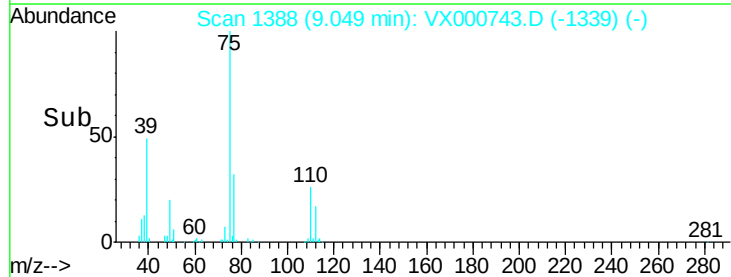
150000

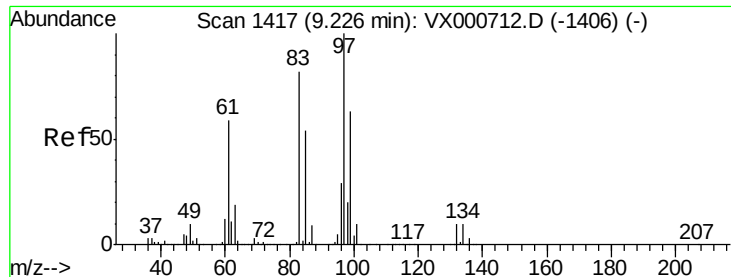
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 47.99 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

Tgt Ion: 97 Resp: 137911

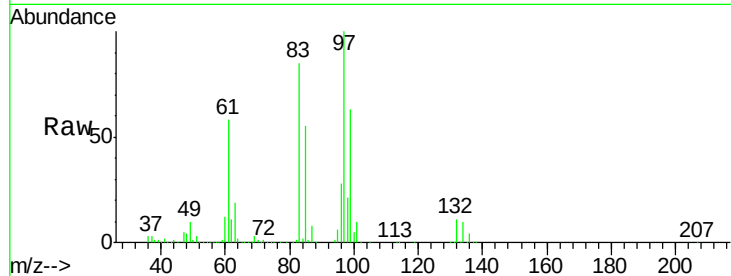
Ion Ratio Lower Upper

97 100

83 84.8 65.7 98.5

85 55.3 42.8 64.2

99 63.2 50.6 76.0

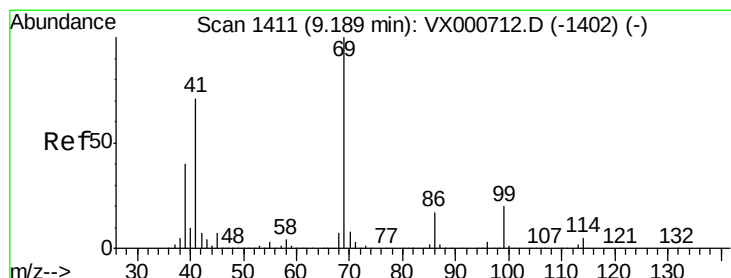
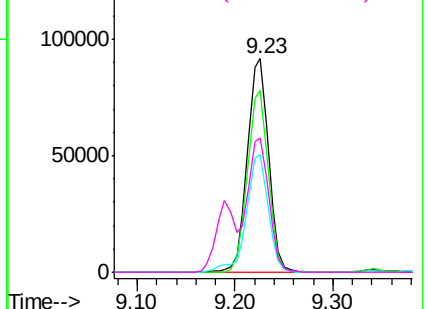
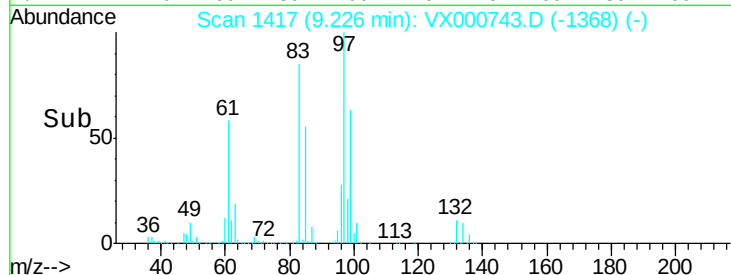


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 46.68 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

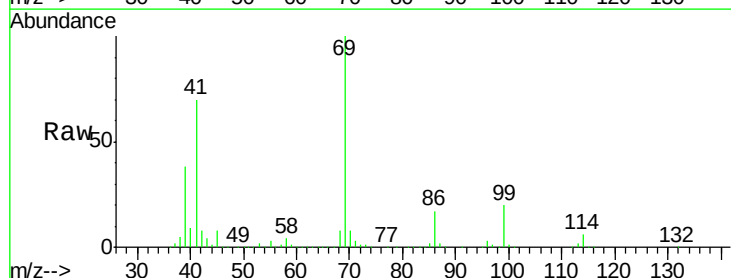
Tgt Ion: 69 Resp: 213904

Ion Ratio Lower Upper

69 100

41 69.6 56.4 84.6

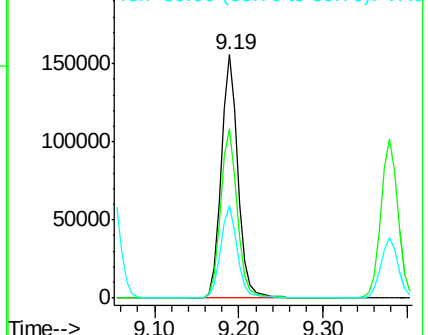
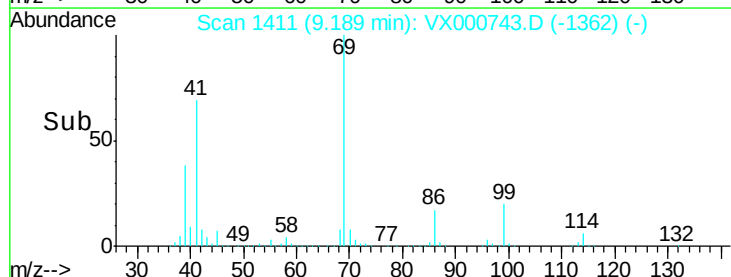
39 37.7 31.4 47.2

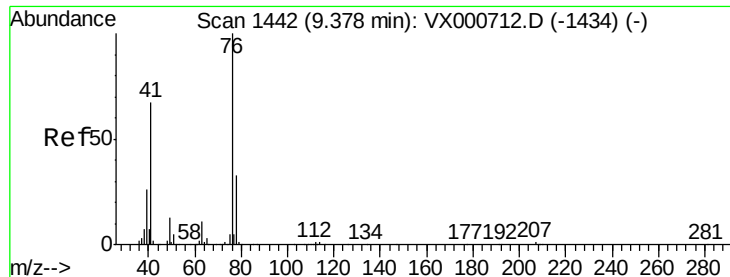


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

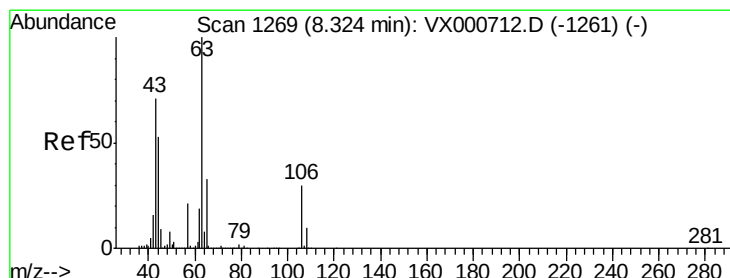
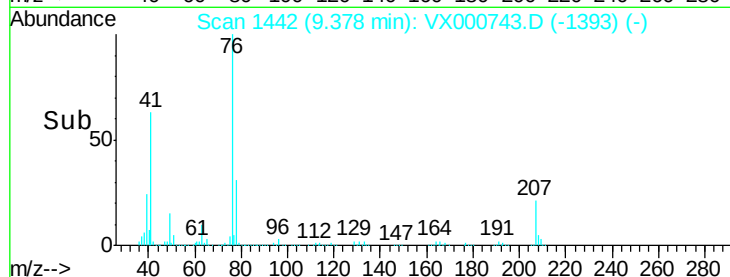
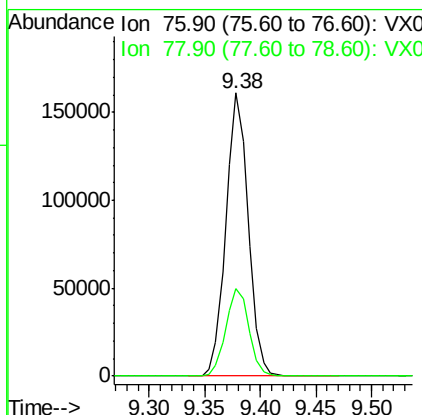
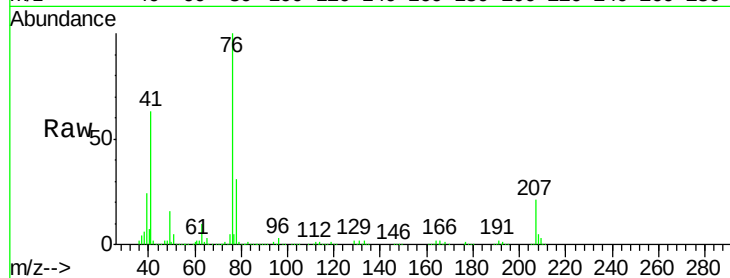




#57
 1,3-Dichloropropane
 Concen: 47.49 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

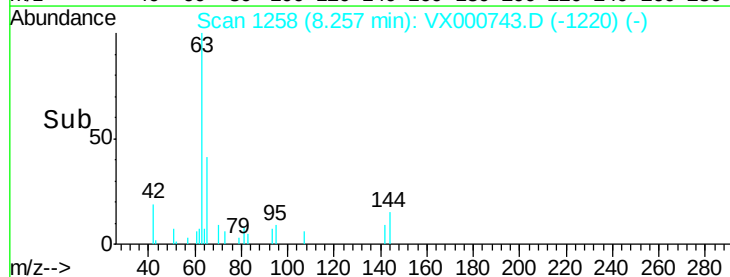
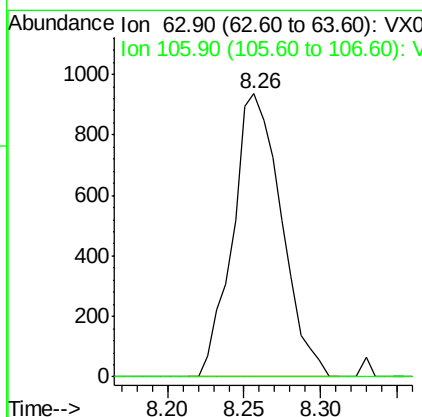
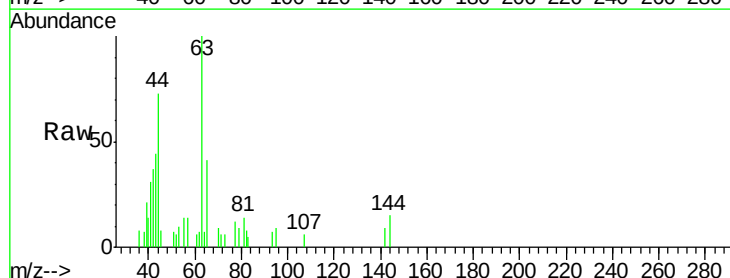
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

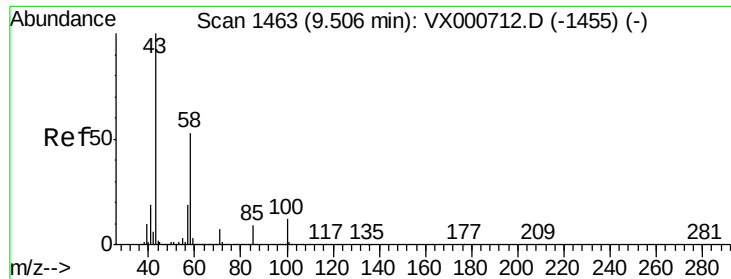
Tgt Ion: 76 Resp: 223229
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.96 ug/l
 RT: 8.26 min Scan# 1258
 Delta R.T. -0.07 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion: 63 Resp: 2069
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.0 36.0#

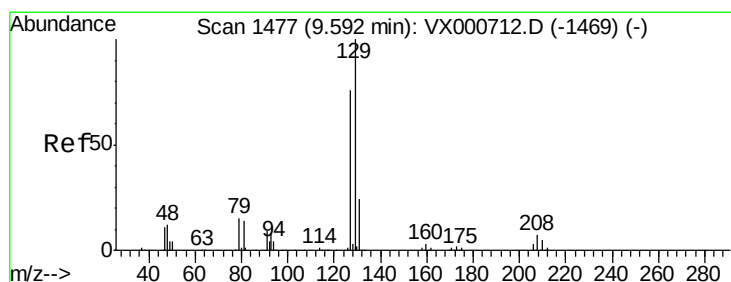
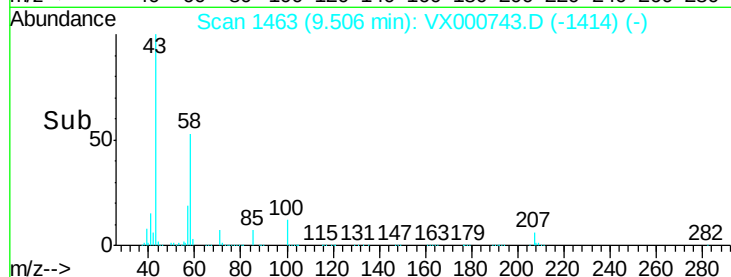
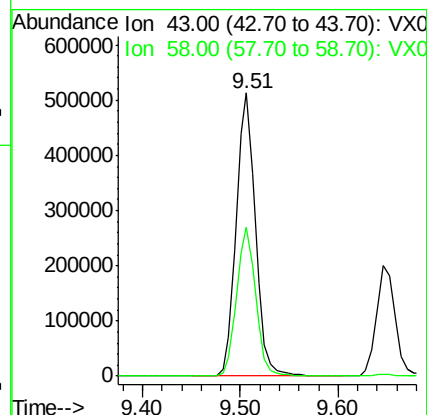
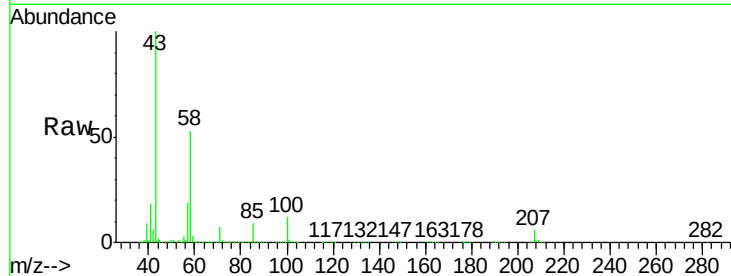




#59
2-Hexanone
Concen: 222.88 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

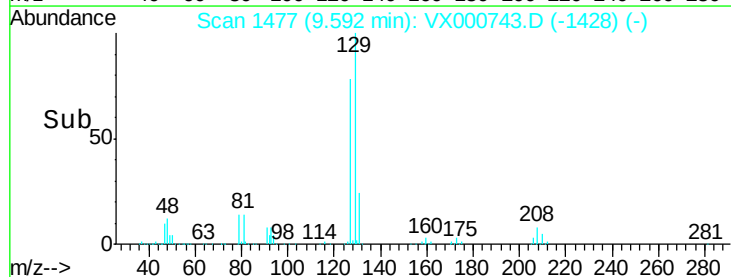
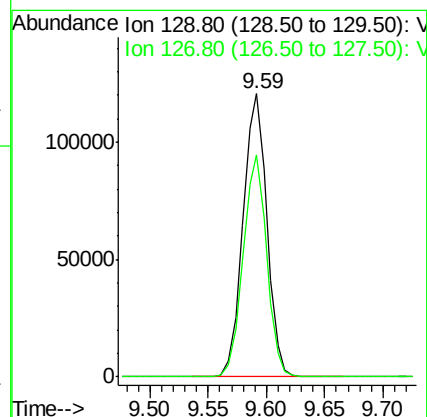
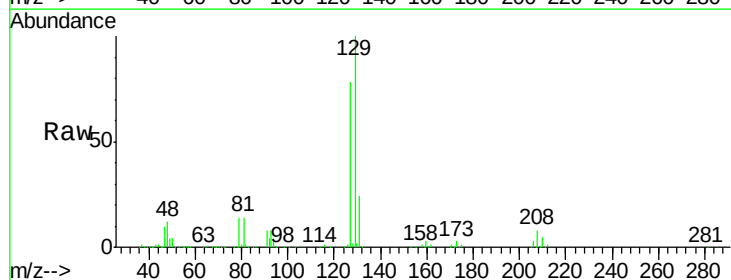
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

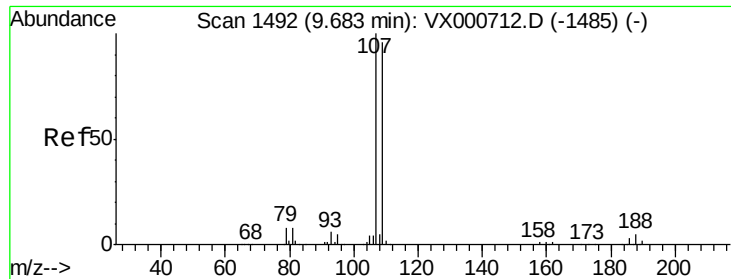
Tgt Ion: 43 Resp: 697853
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8



#60
Dibromochloromethane
Concen: 48.23 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion: 129 Resp: 172850
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 47.01 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

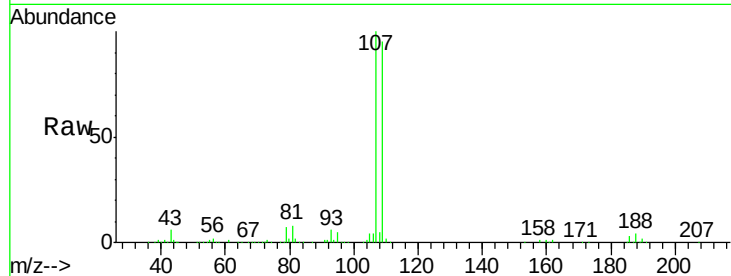
MW-19-040218MS

Tgt Ion: 107 Resp: 145059

Ion Ratio Lower Upper

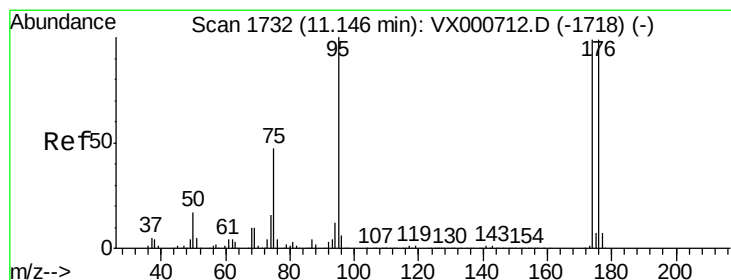
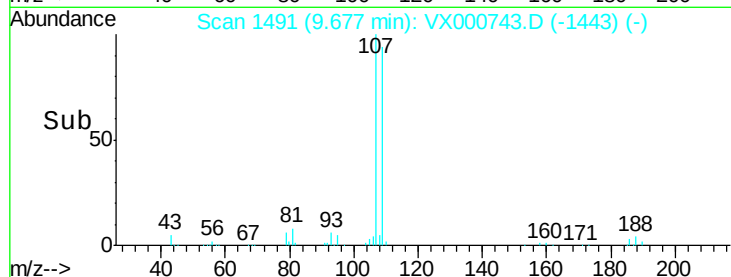
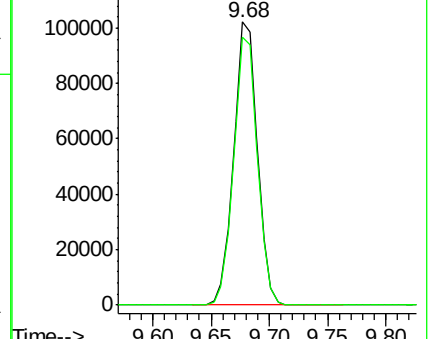
107 100

109 95.3 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.95 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

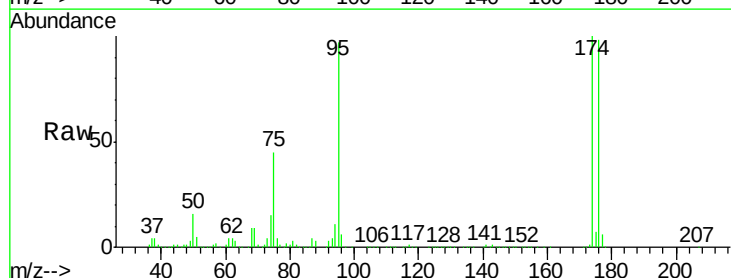
Tgt Ion: 95 Resp: 214596

Ion Ratio Lower Upper

95 100

174 98.6 0.0 191.6

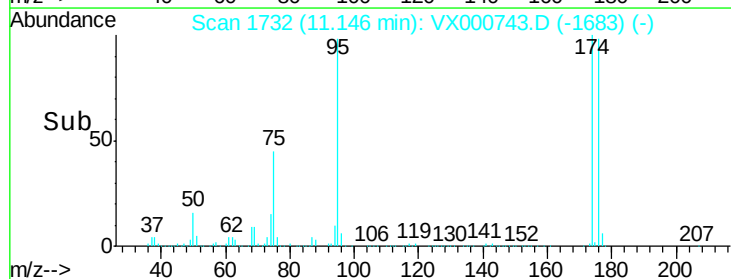
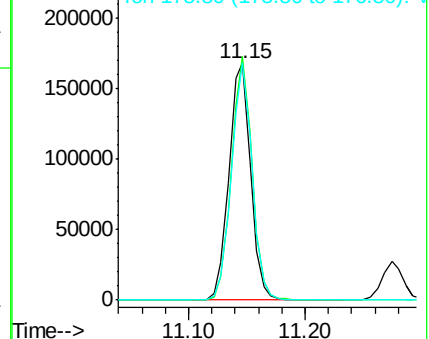
176 96.4 0.0 187.0

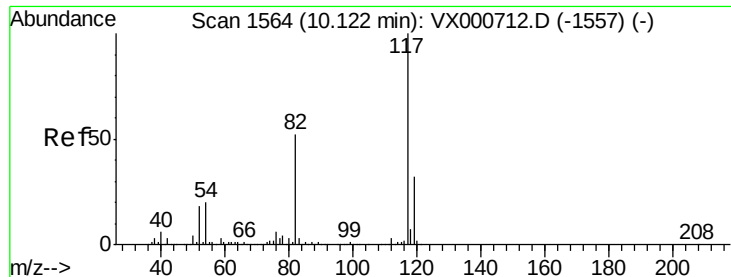


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

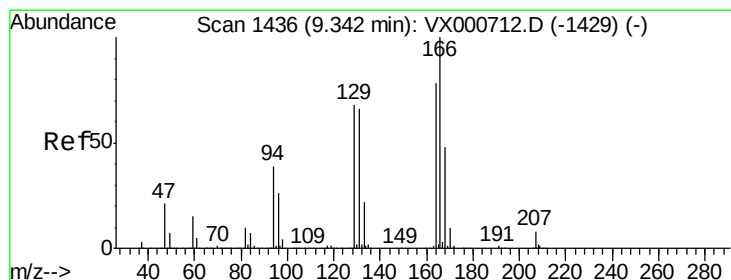
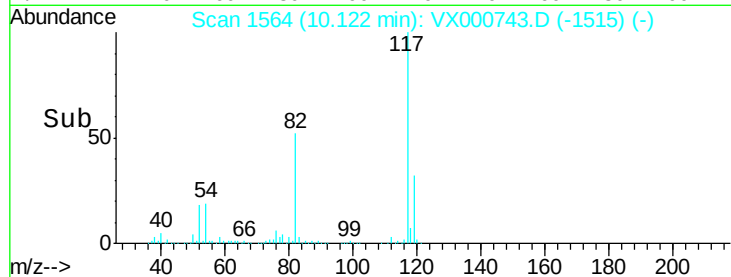
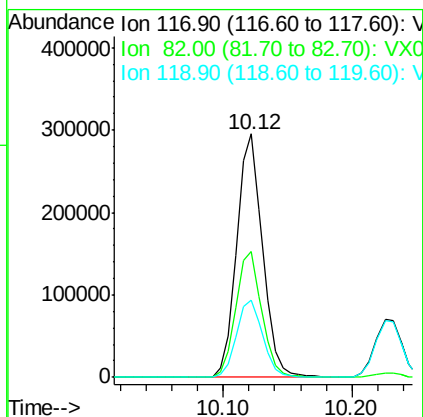
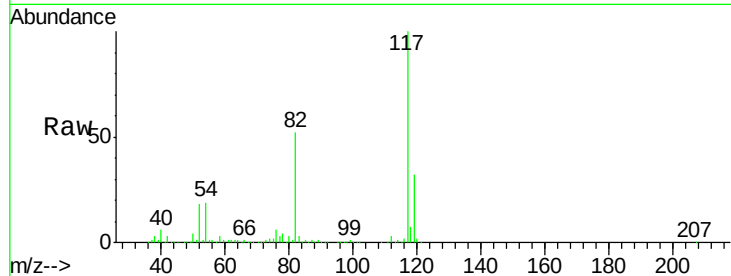




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

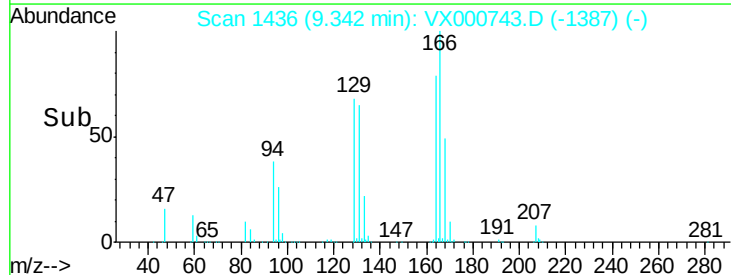
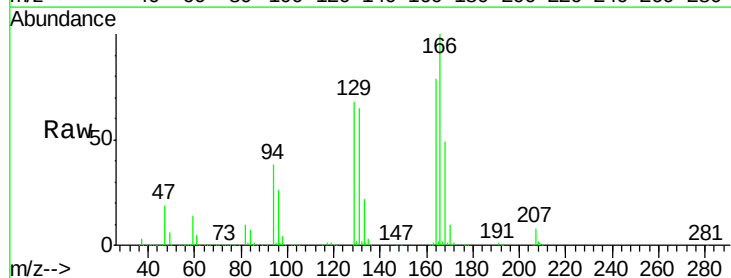
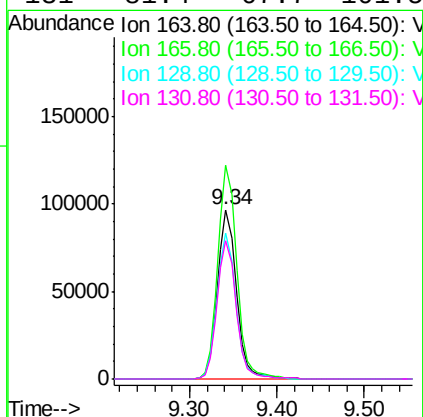
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

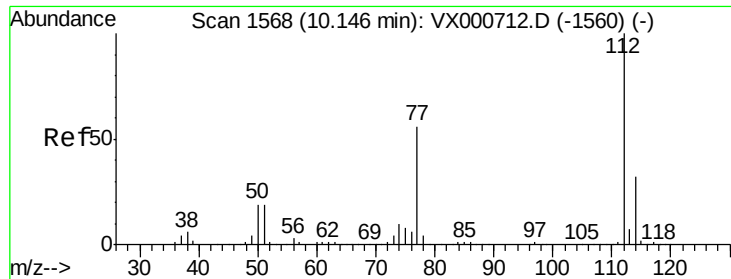
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.9	62.9
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 45.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	102.4	153.6
129	86.1	69.3	103.9
131	81.4	67.7	101.5





#65

Chlorobenzene

Concen: 47.78 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

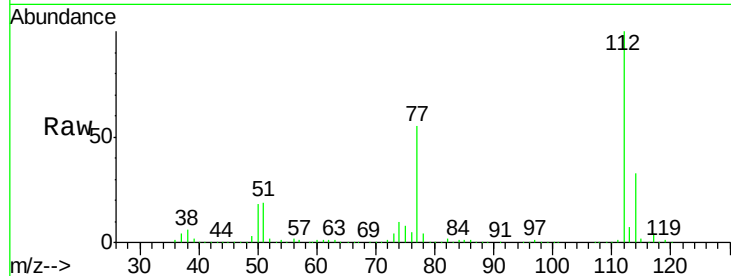
MW-19-040218MS

Tgt Ion:112 Resp: 403824

Ion Ratio Lower Upper

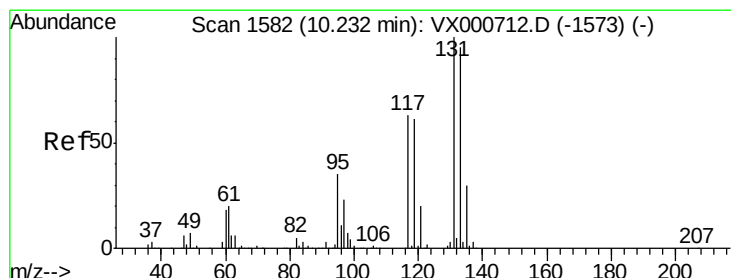
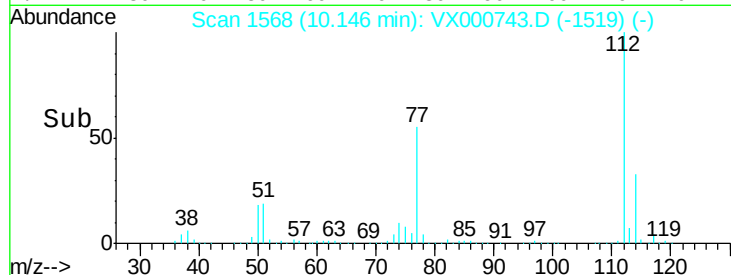
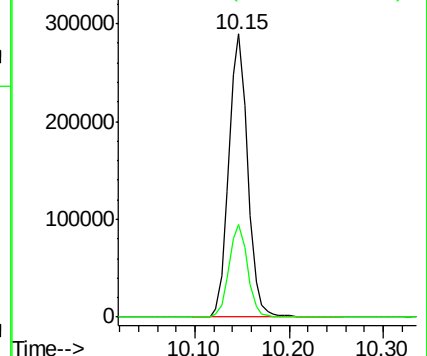
112 100

114 32.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.97 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

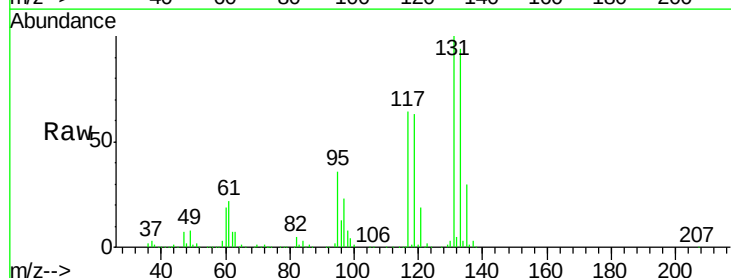
Tgt Ion:131 Resp: 158291

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

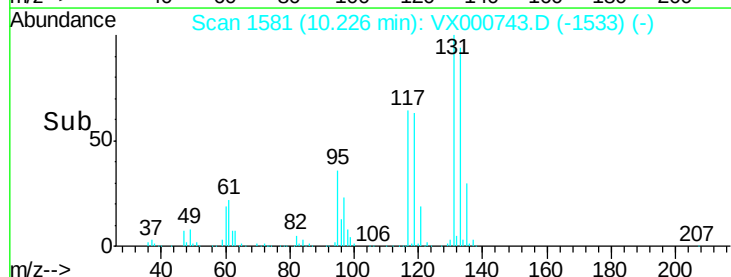
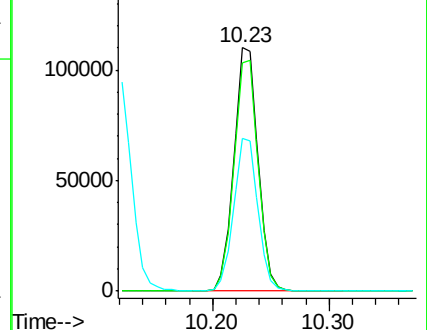
119 63.0 31.5 94.5

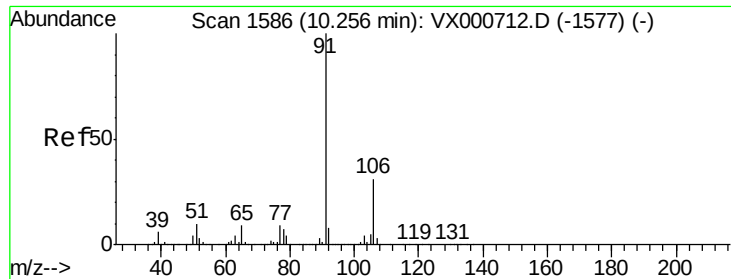


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.41 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

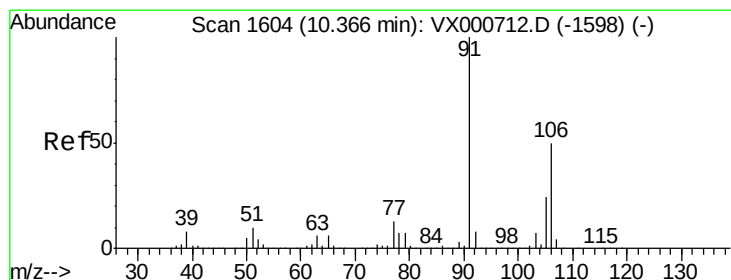
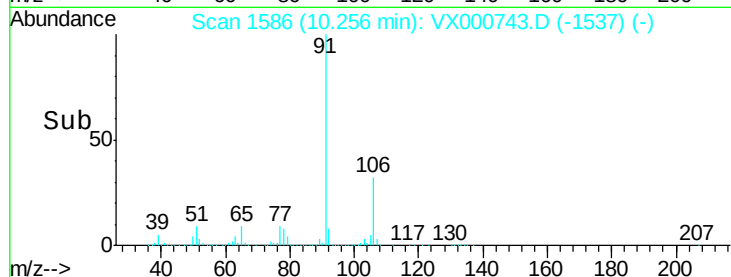
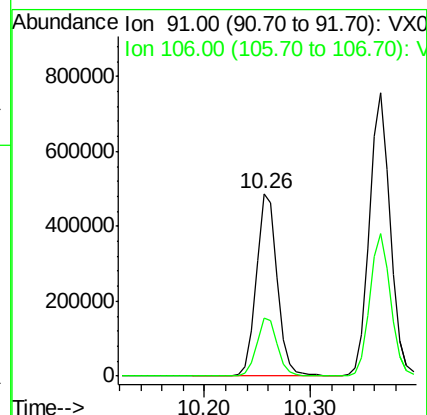
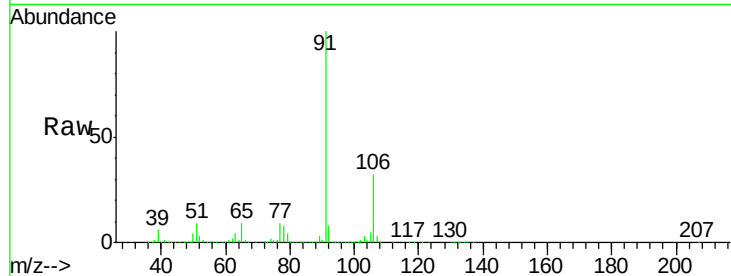
MW-19-040218MS

Tgt Ion: 91 Resp: 672000

Ion Ratio Lower Upper

91 100

106 32.2 25.1 37.7



#68

m/p-Xylenes

Concen: 95.12 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000743.D

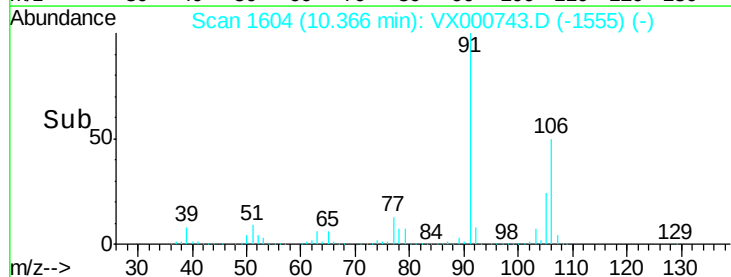
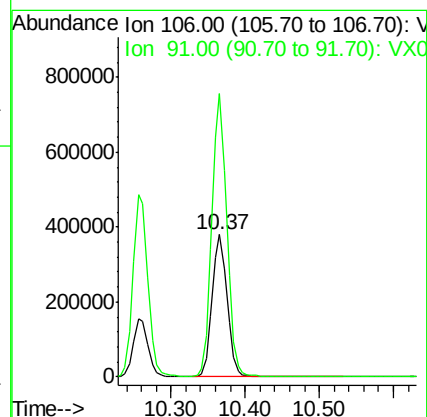
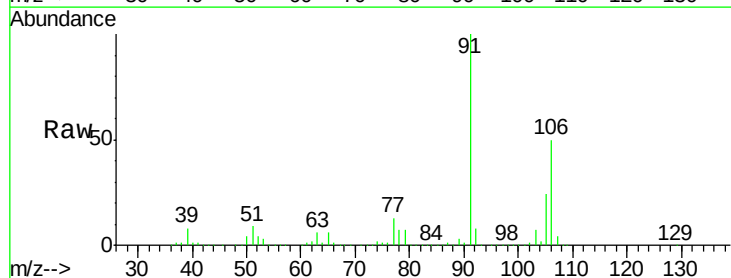
Acq: 08 Apr 2018 20:19

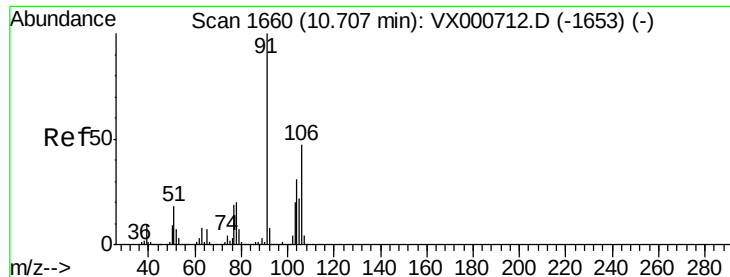
Tgt Ion: 106 Resp: 527539

Ion Ratio Lower Upper

106 100

91 197.9 159.7 239.5

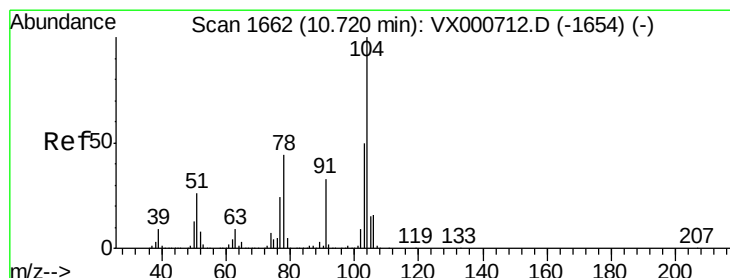
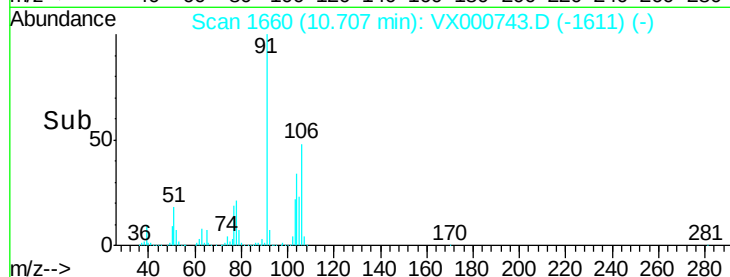
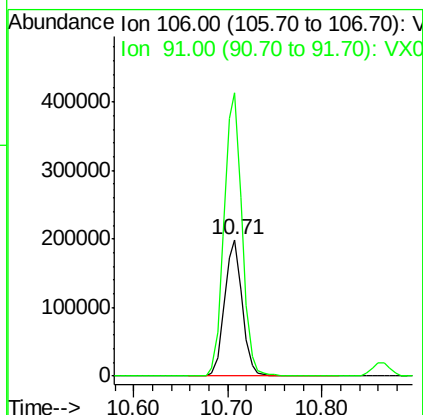
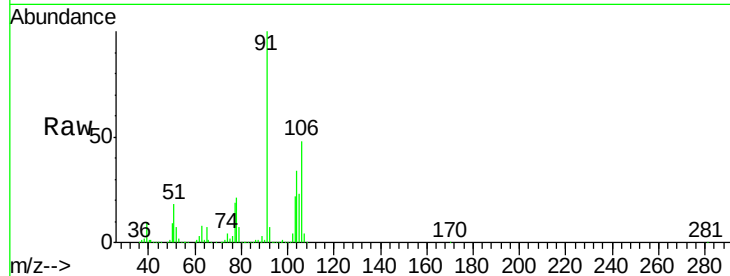




#69
o-Xylene
Concen: 47.27 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

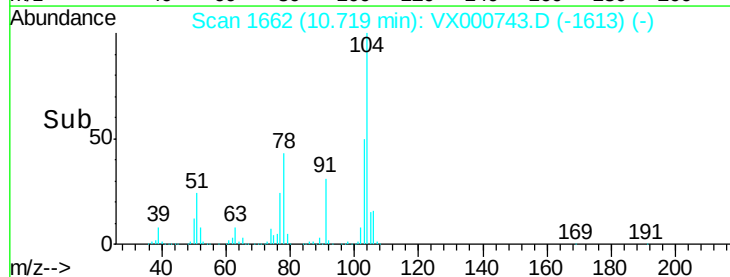
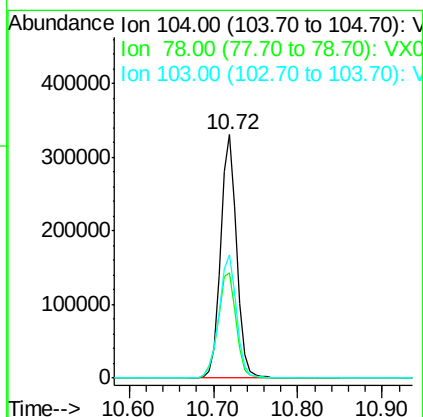
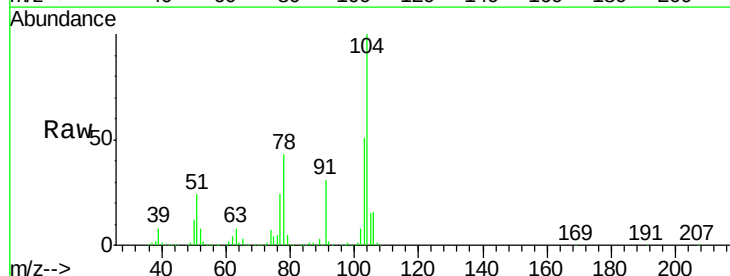
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

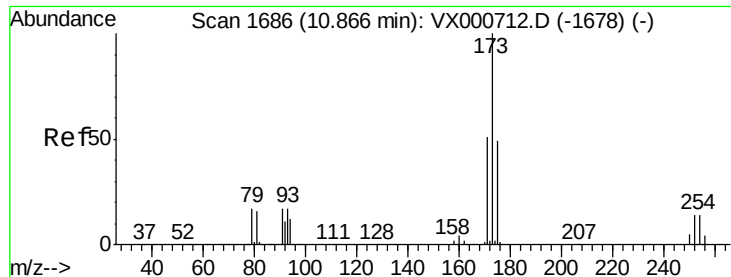
Tgt Ion:106 Resp: 257260
Ion Ratio Lower Upper
106 100
91 211.4 106.1 318.3



#70
Styrene
Concen: 47.49 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion:104 Resp: 436613
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.6
103 55.3 44.1 66.1

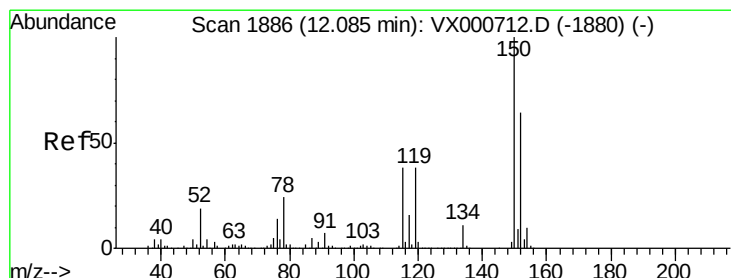
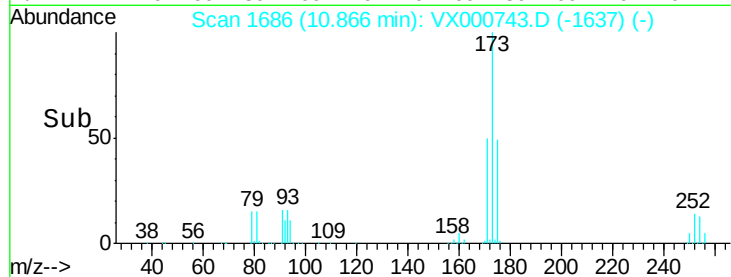
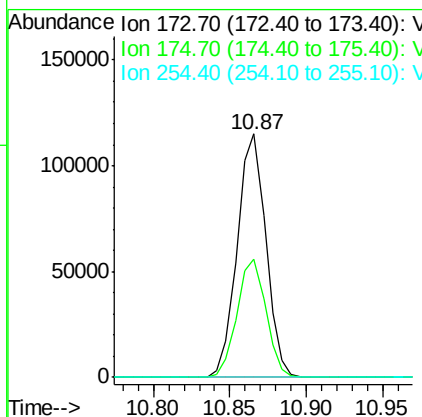
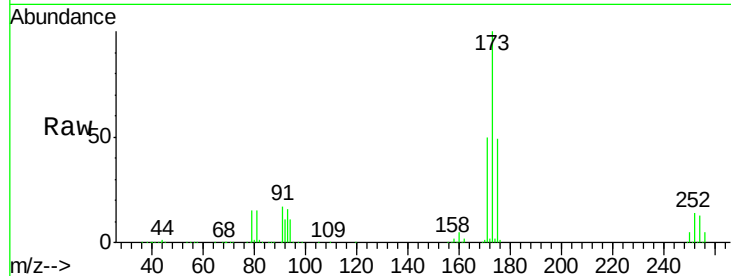




#71
Bromoform
Concen: 47.84 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

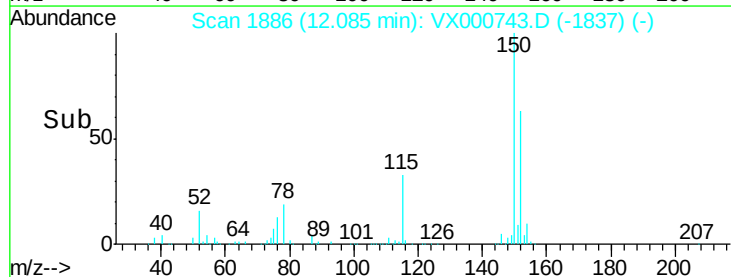
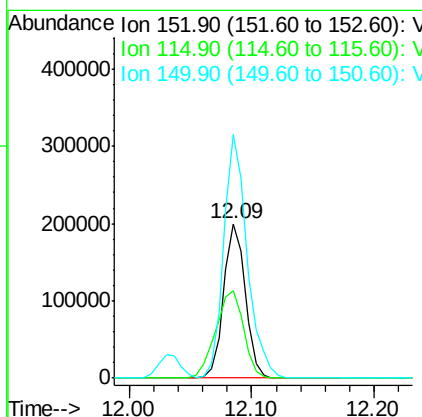
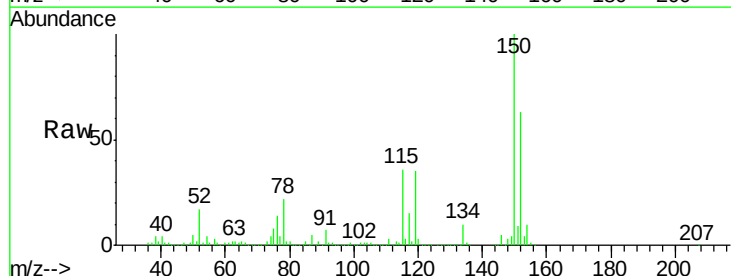
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

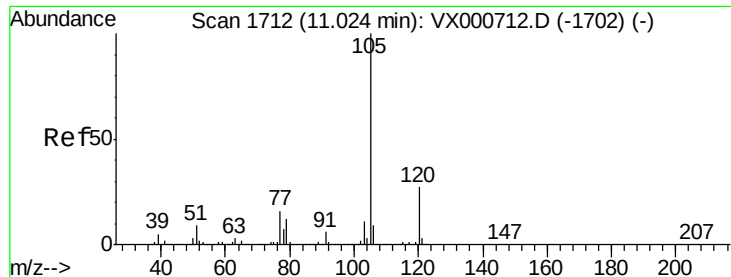
Tgt Ion:173 Resp: 149473
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion:152 Resp: 244935
Ion Ratio Lower Upper
152 100
115 73.0 37.7 113.1
150 171.0 0.0 345.0

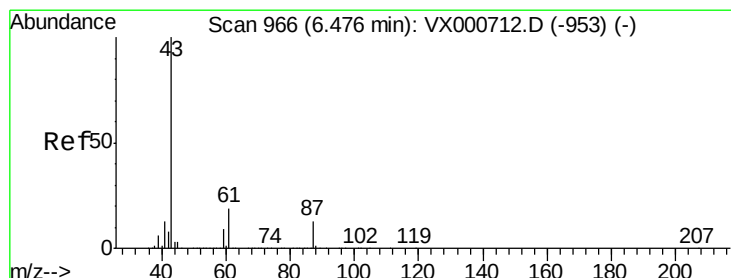
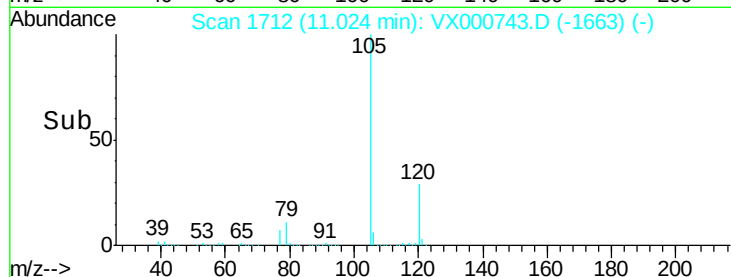
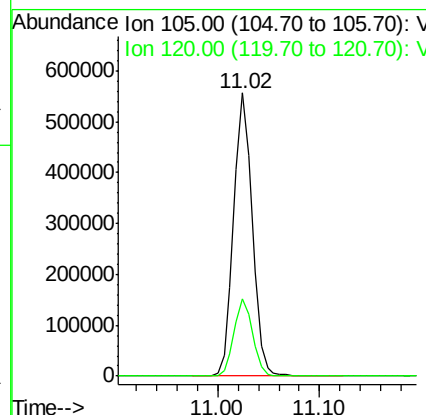
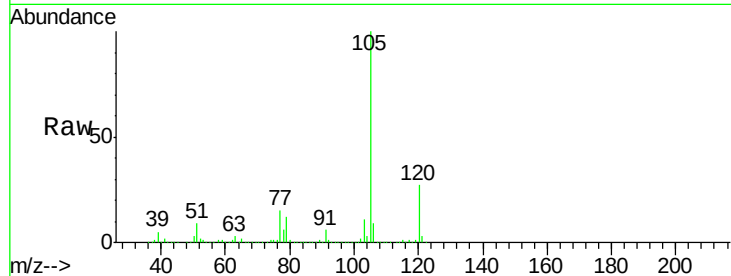




#73
Isopropylbenzene
Concen: 47.92 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

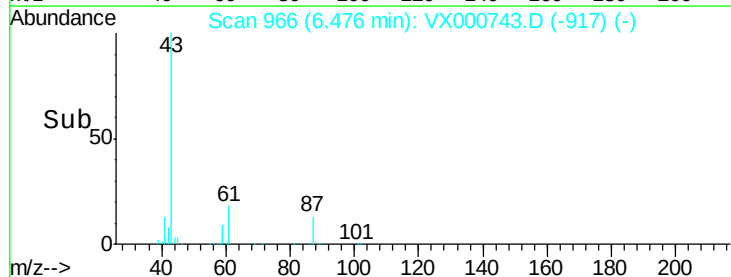
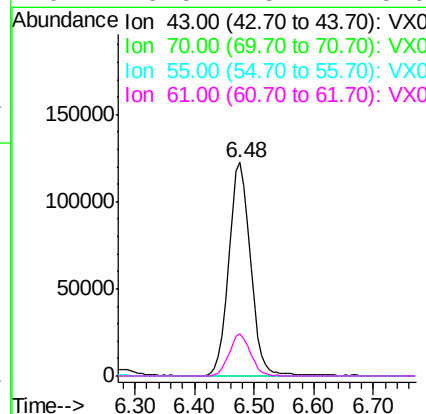
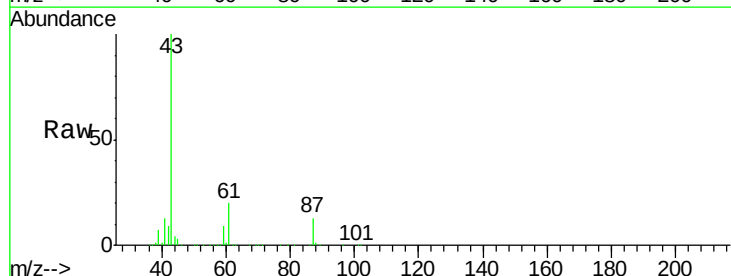
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

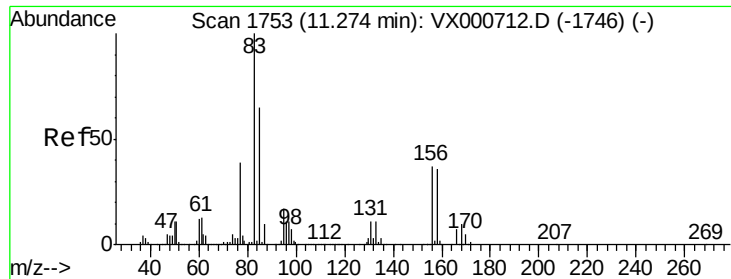
Tgt Ion:105 Resp: 701637
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.0



#74
N-ethyl acetate
Concen: 43.38 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion: 43 Resp: 309149
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.1 0.0 0.0#
61 19.5 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

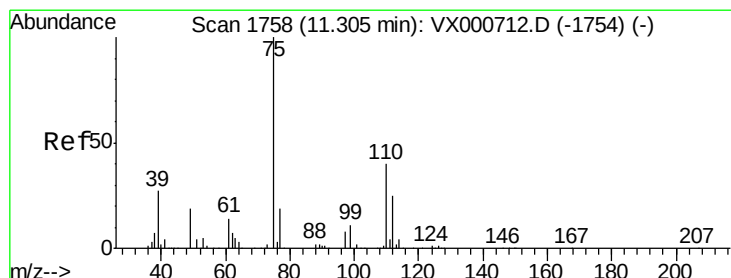
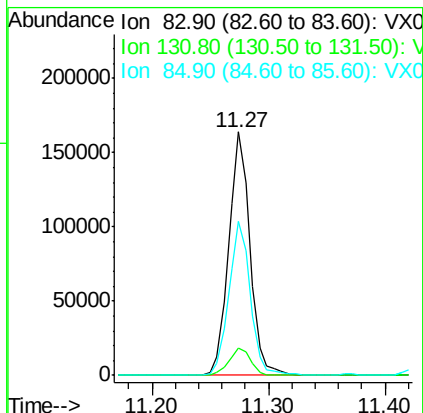
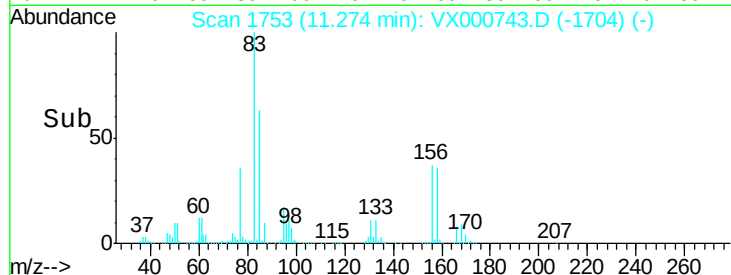
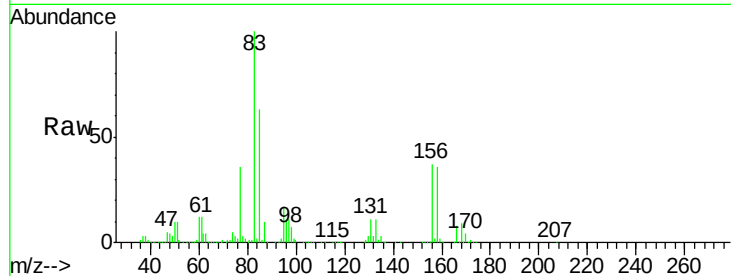
Tgt Ion: 83 Resp: 207488

Ion Ratio Lower Upper

83 100

131 11.7 5.9 17.7

85 63.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 57.54 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000743.D

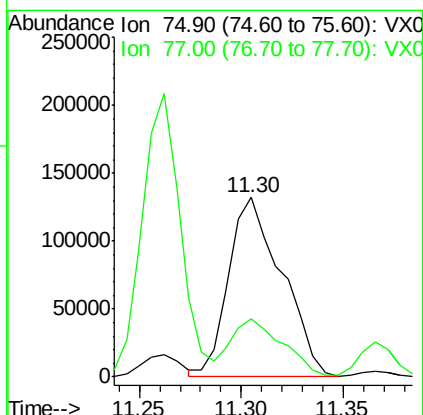
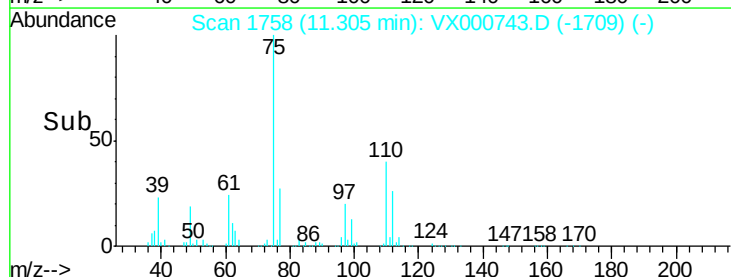
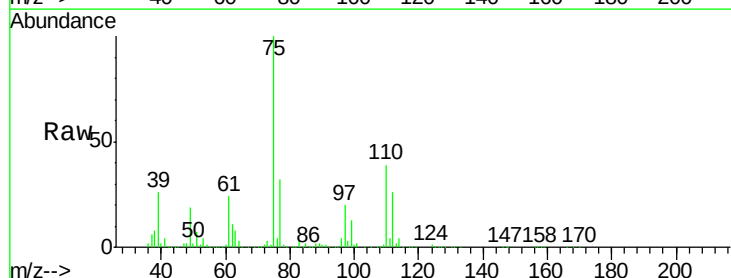
Acq: 08 Apr 2018 20:19

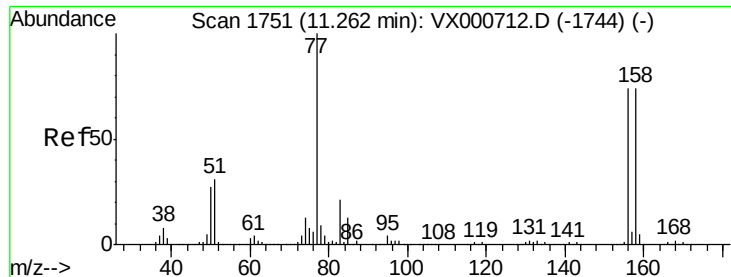
Tgt Ion: 75 Resp: 239785

Ion Ratio Lower Upper

75 100

77 31.4 21.3 63.7





#77

Bromobenzene

Concen: 48.94 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

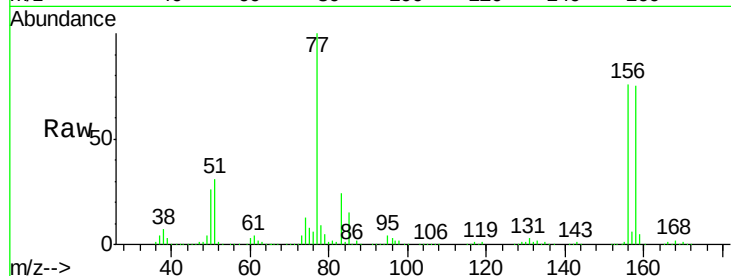
Tgt Ion:156 Resp: 203217

Ion Ratio Lower Upper

156 100

77 133.5 68.3 205.1

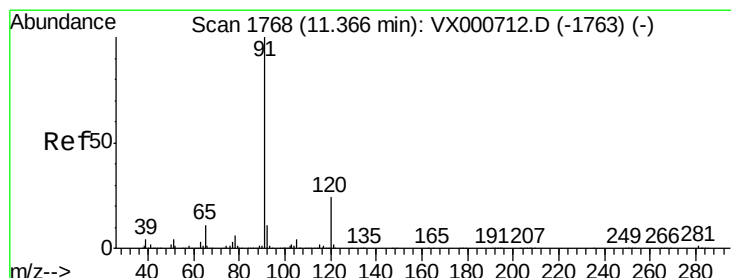
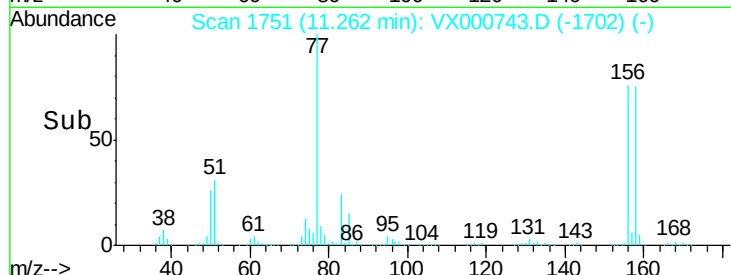
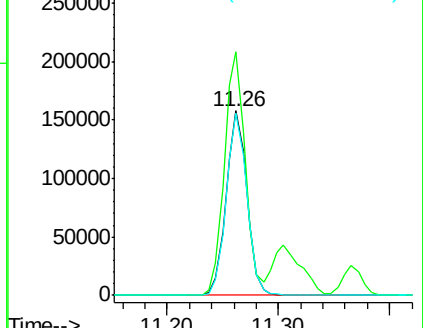
158 98.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.03 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000743.D

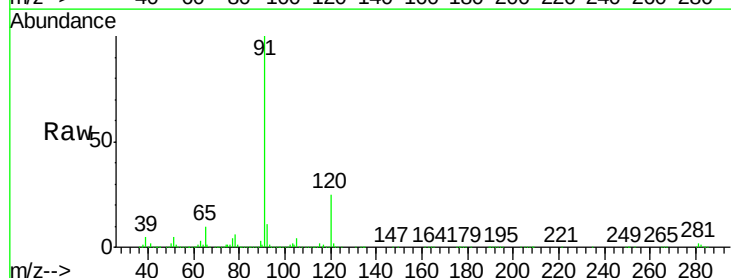
Acq: 08 Apr 2018 20:19

Tgt Ion: 91 Resp: 790152

Ion Ratio Lower Upper

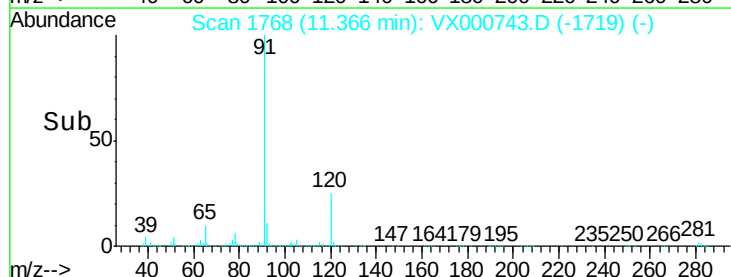
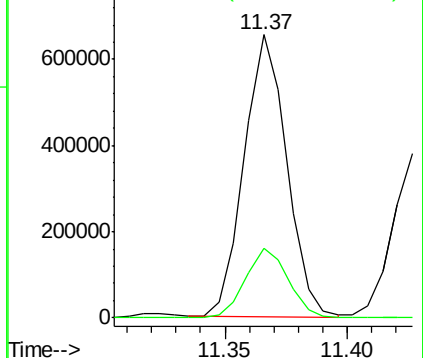
91 100

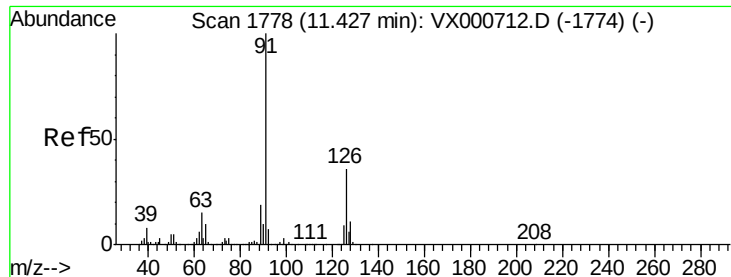
120 25.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.76 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

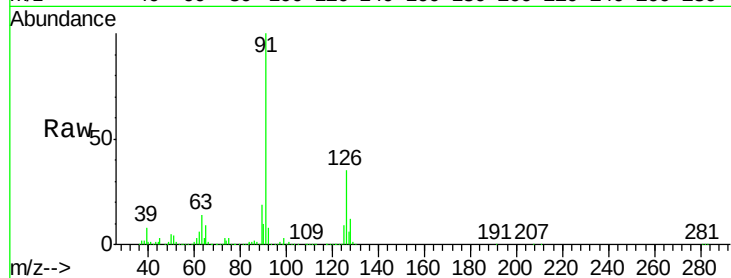
MW-19-040218MS

Tgt Ion: 91 Resp: 468525

Ion Ratio Lower Upper

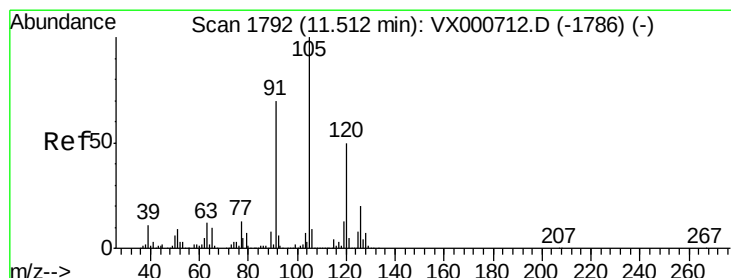
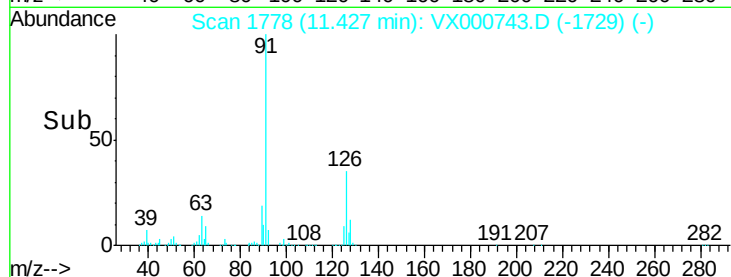
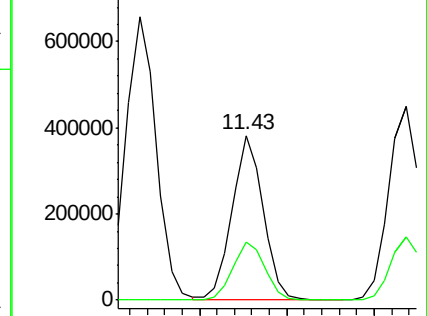
91 100

126 37.1 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: 47.09 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000743.D

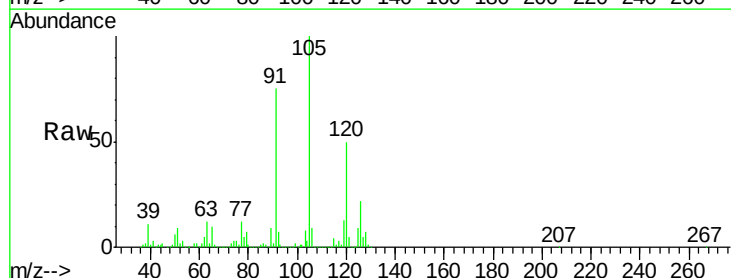
Acq: 08 Apr 2018 20:19

Tgt Ion: 105 Resp: 597247

Ion Ratio Lower Upper

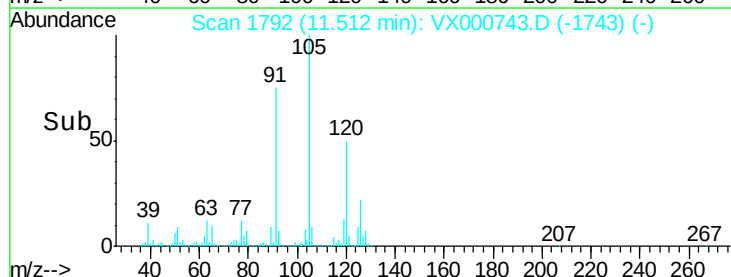
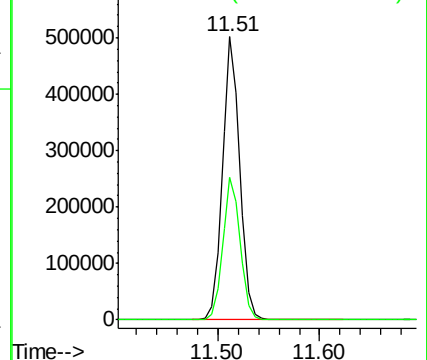
105 100

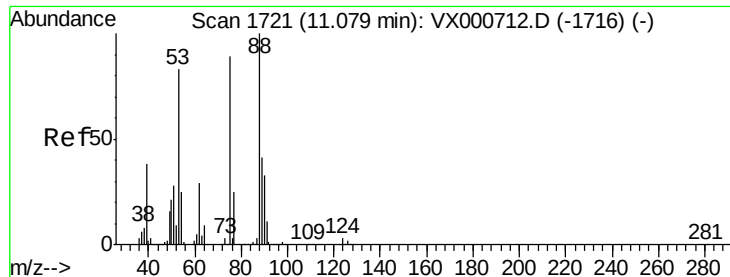
120 50.6 25.1 75.3



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: 39.22 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

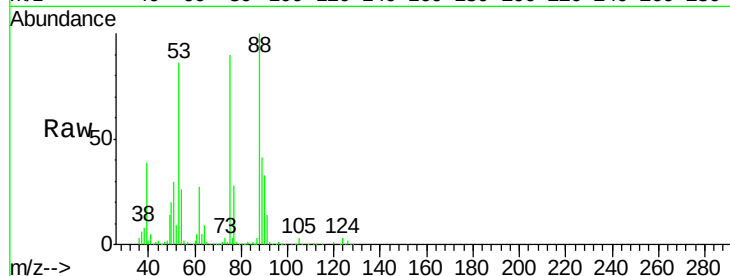
Tgt Ion: 75 Resp: 62782

Ion Ratio Lower Upper

75 100

53 94.0 74.2 111.2

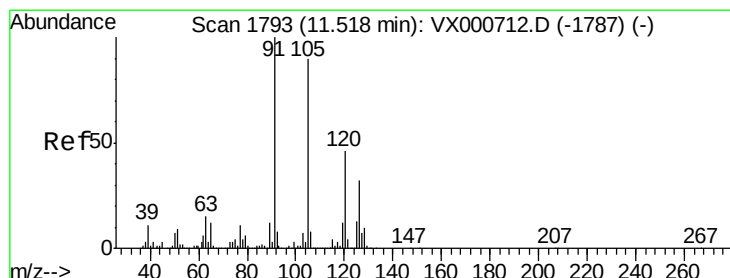
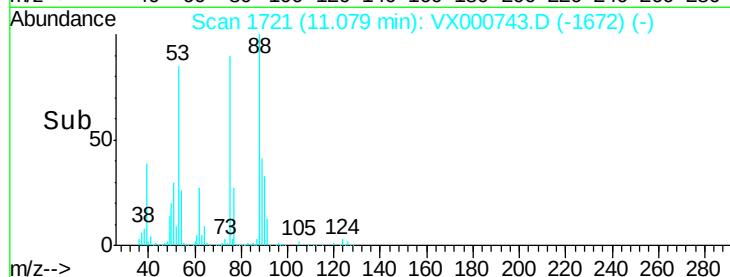
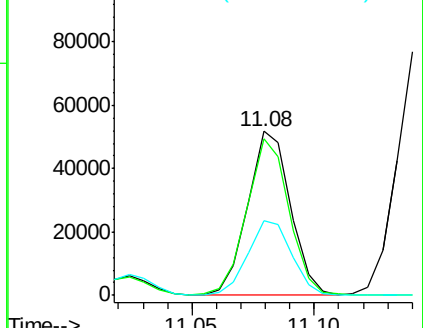
89 47.0 46.6 69.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.89 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000743.D

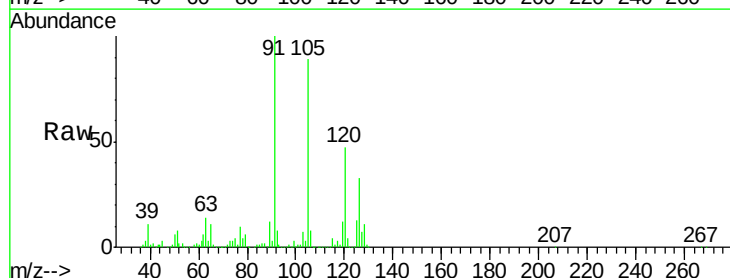
Acq: 08 Apr 2018 20:19

Tgt Ion: 91 Resp: 562947

Ion Ratio Lower Upper

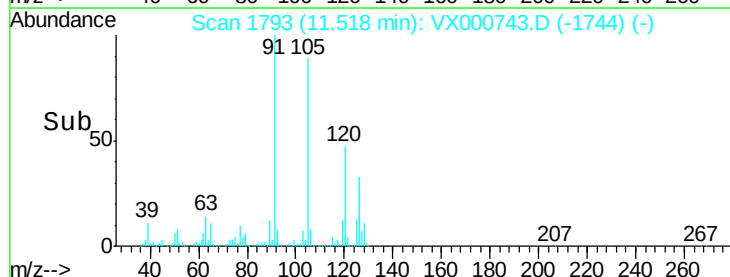
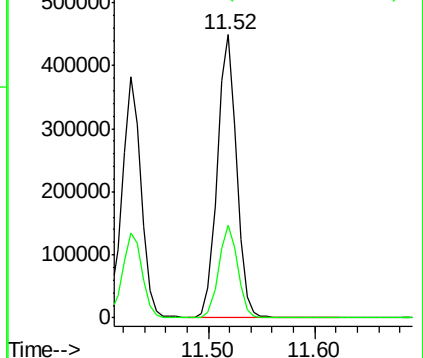
91 100

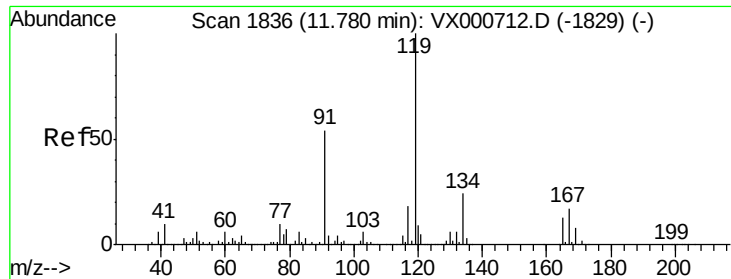
126 32.2 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

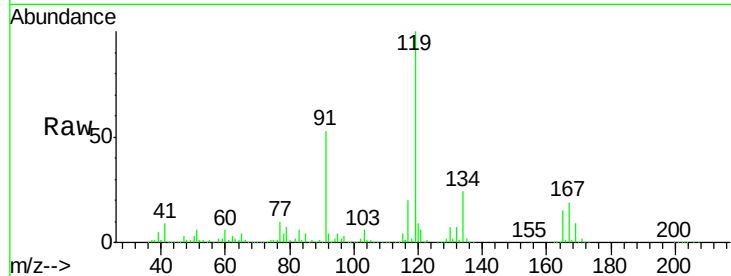




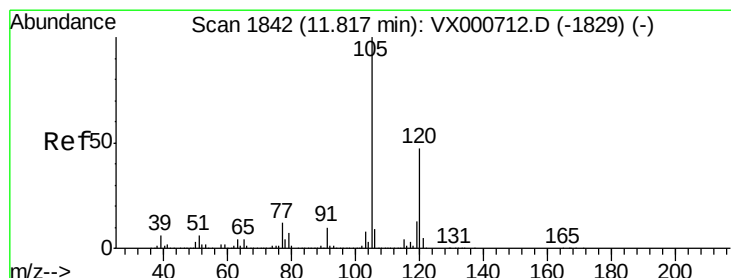
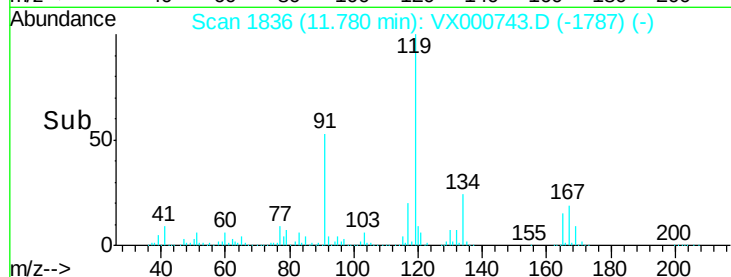
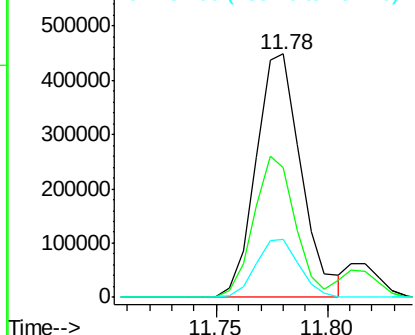
#83
 tert-Butylbenzene
 Concen: 48.77 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

Tgt Ion:119 Resp: 634004
 Ion Ratio Lower Upper
 119 100
 91 53.2 27.3 81.8
 134 22.9 11.5 34.4

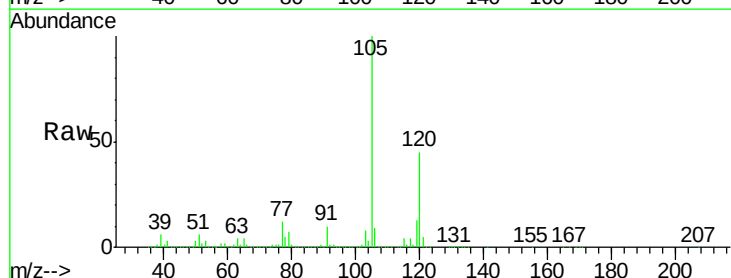


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

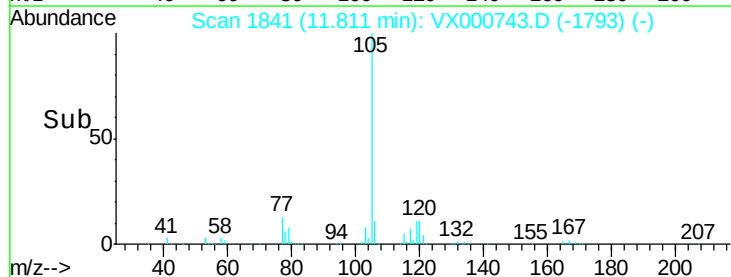
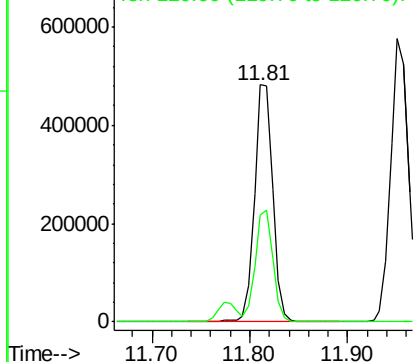


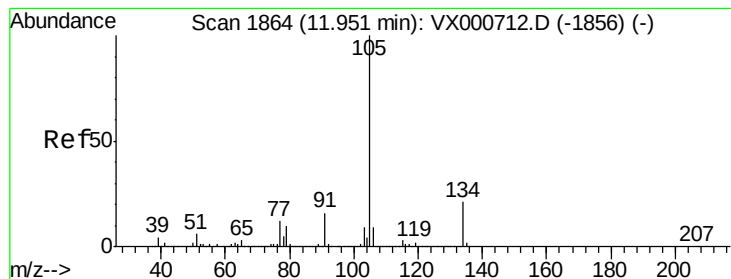
#84
 1,2,4-Trimethylbenzene
 Concen: 47.30 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion:105 Resp: 621102
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5



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





#85

sec-Butylbenzene

Concen: 47.46 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

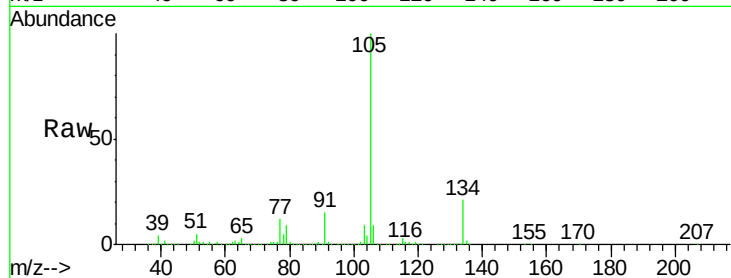
MW-19-040218MS

Tgt Ion:105 Resp: 722035

Ion Ratio Lower Upper

105 100

134 21.5 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

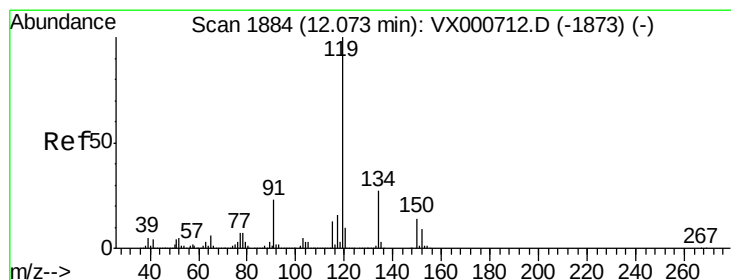
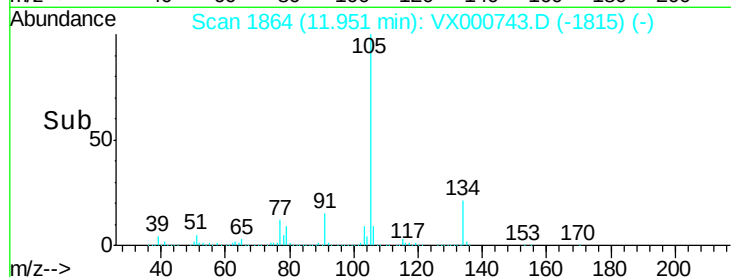
400000

200000

0

11.95

Time-->



#86

p-Isopropyltoluene

Concen: 47.50 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

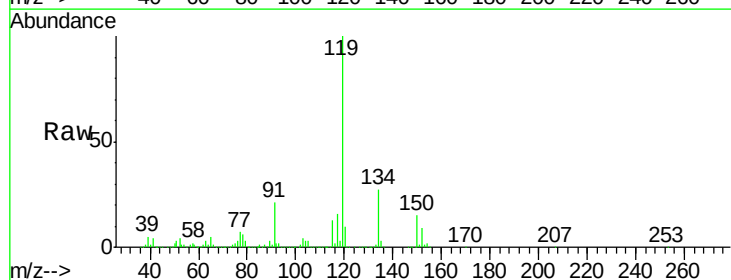
Tgt Ion:119 Resp: 675729

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.2 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

800000

600000

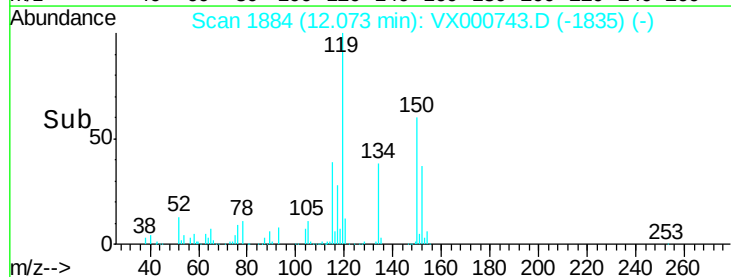
400000

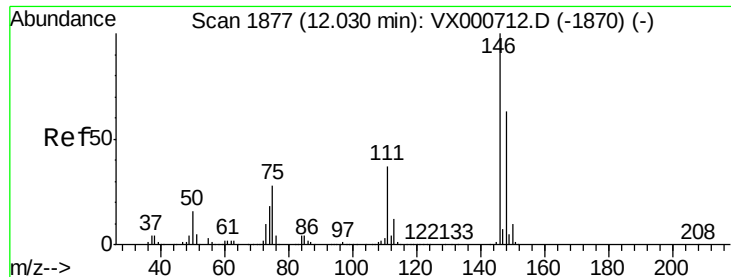
200000

0

12.07

Time-->

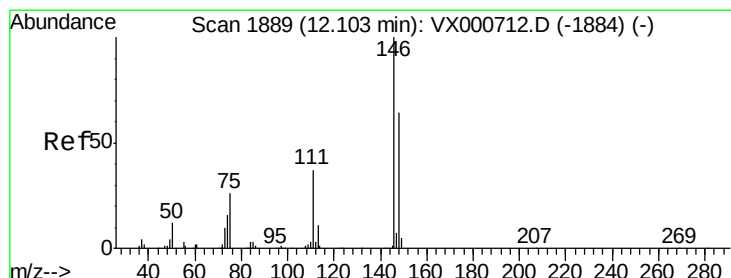
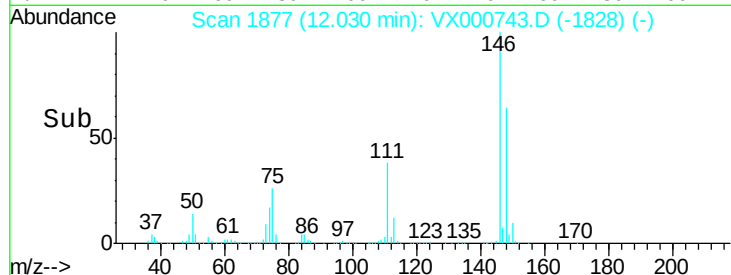
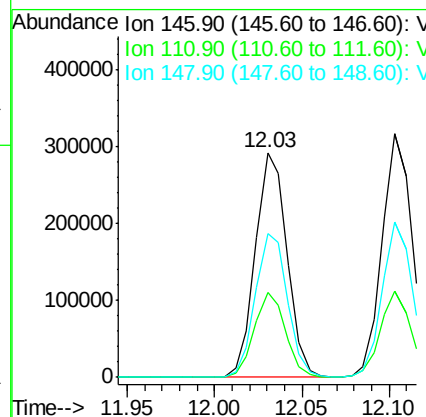
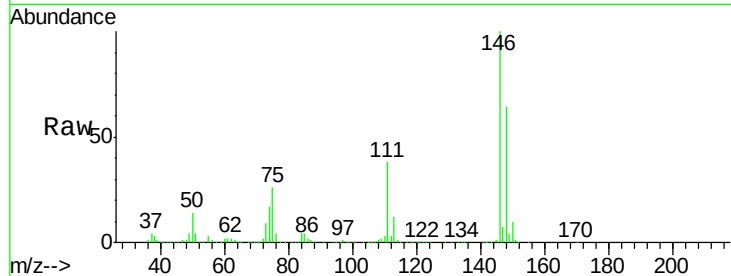




#87
 1,3-Dichlorobenzene
 Concen: 47.82 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

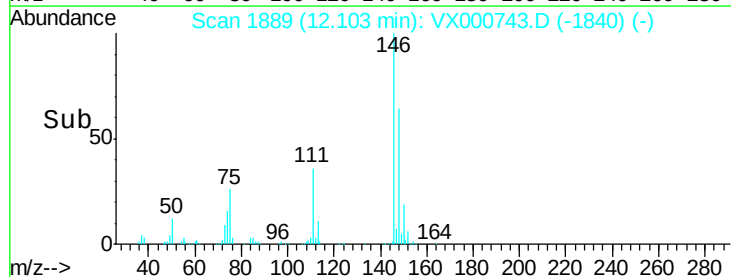
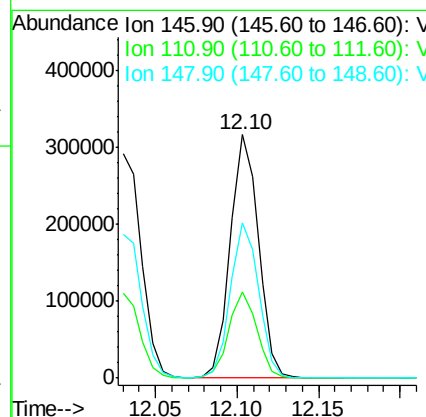
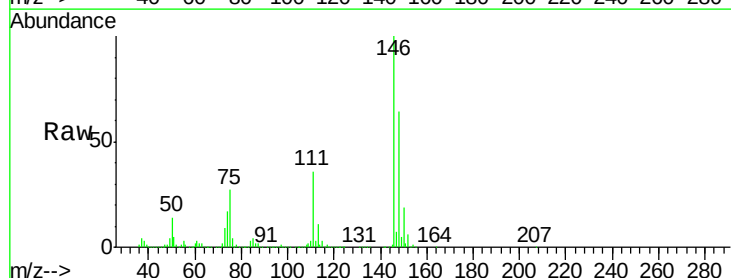
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

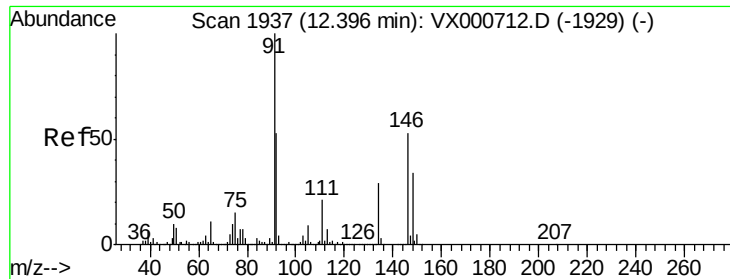
Tgt Ion:146 Resp: 372107
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 55.8
 148 64.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.73 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion:146 Resp: 380705
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.2 54.6
 148 64.0 32.1 96.5

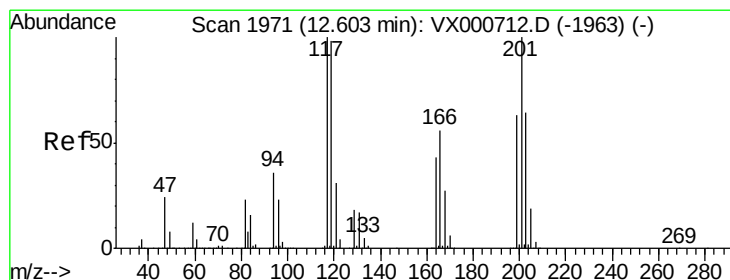
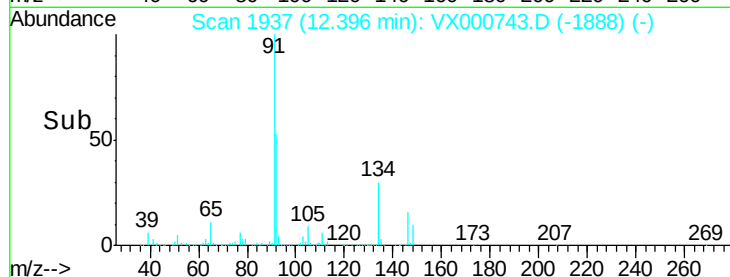
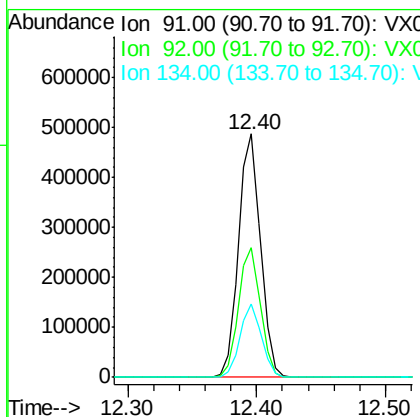
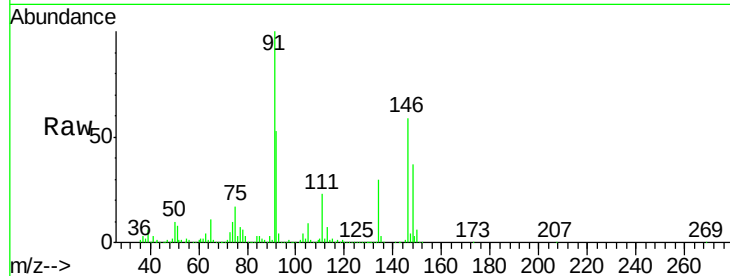




#89
n-Butylbenzene
Concen: 45.44 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

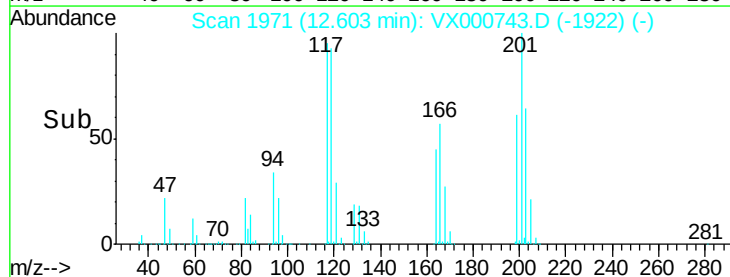
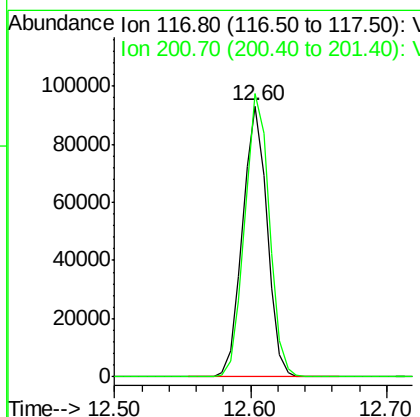
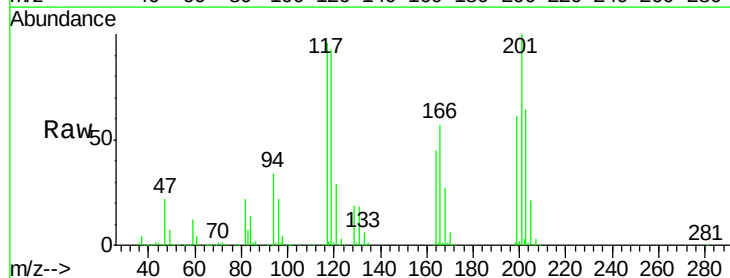
Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MS

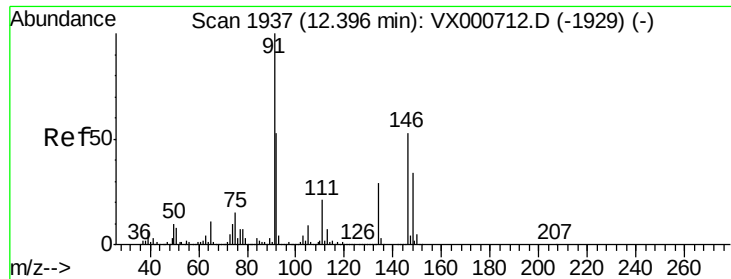
Tgt Ion: 91 Resp: 577416
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 29.3 14.4 43.0



#90
Hexachloroethane
Concen: 45.32 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000743.D
Acq: 08 Apr 2018 20:19

Tgt Ion: 117 Resp: 117052
Ion Ratio Lower Upper
117 100
201 105.4 51.2 153.6

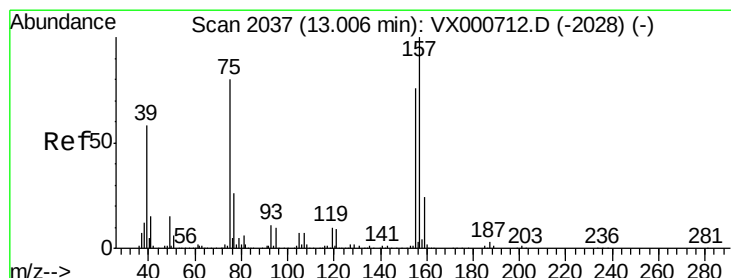
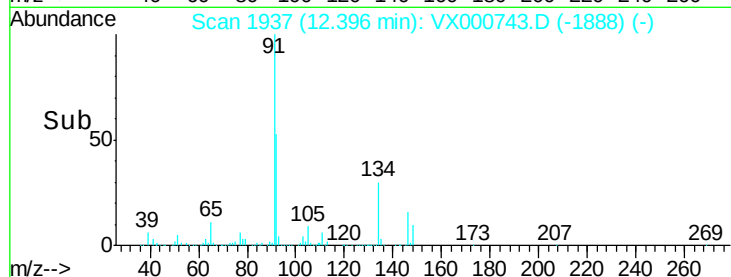
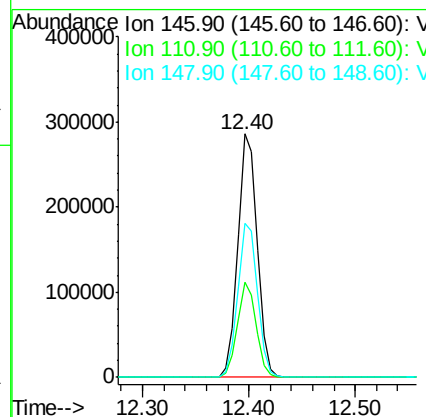
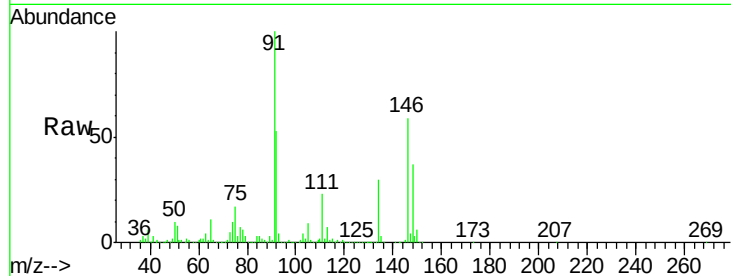




#91
 1,2-Dichlorobenzene
 Concen: 48.28 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

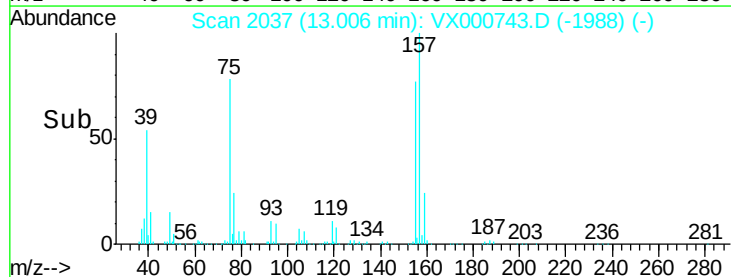
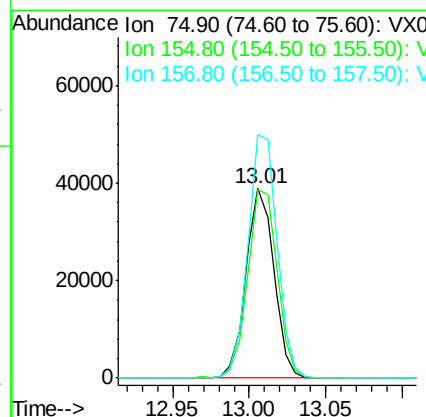
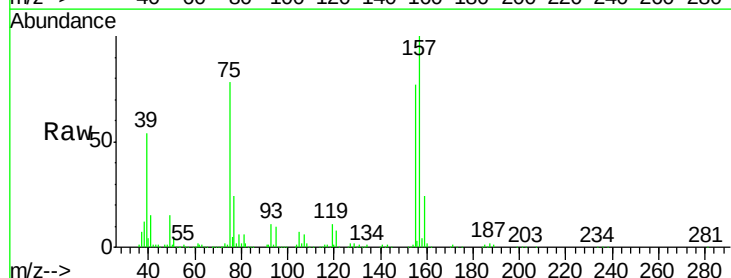
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

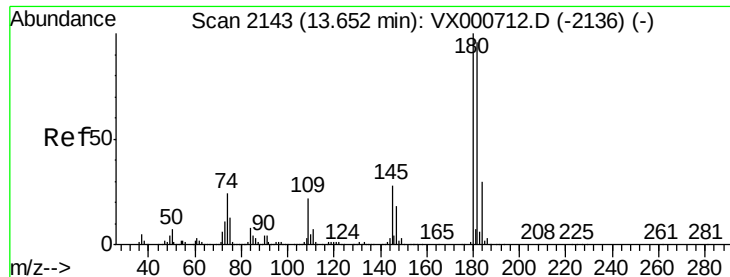
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	64.3	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.24 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.7	48.4	145.0
157	133.9	62.8	188.5

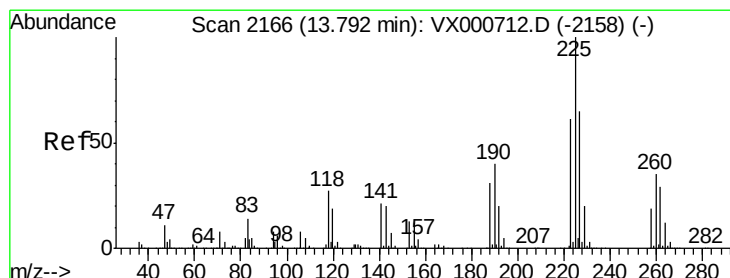
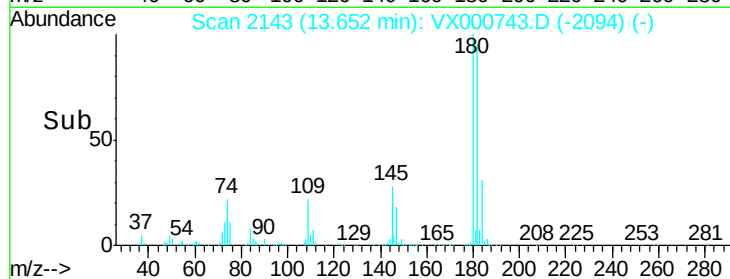
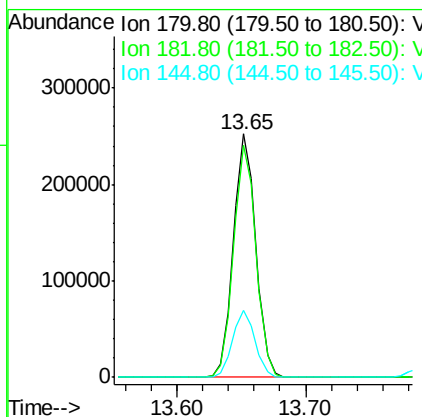
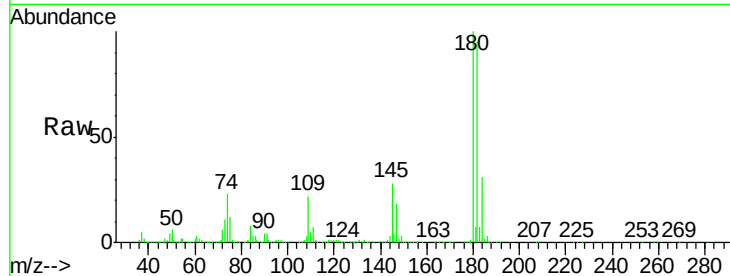




#93
 1,2,4-Trichlorobenzene
 Concen: 47.52 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

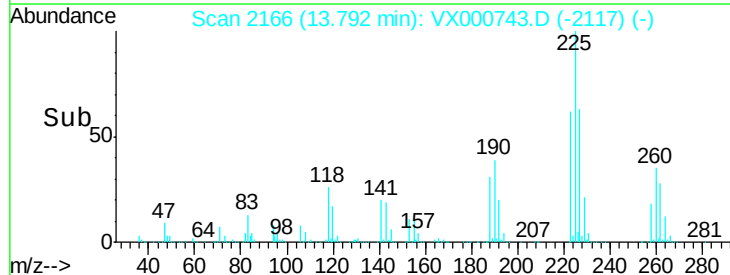
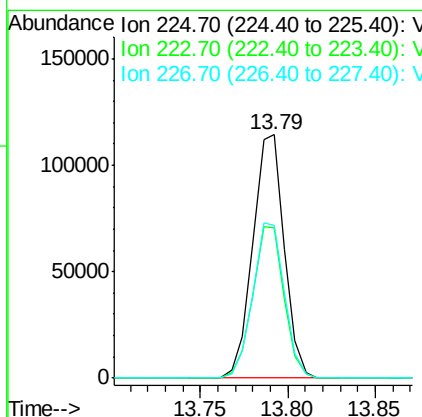
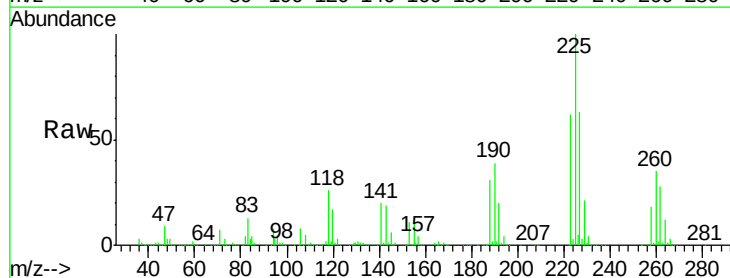
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MS

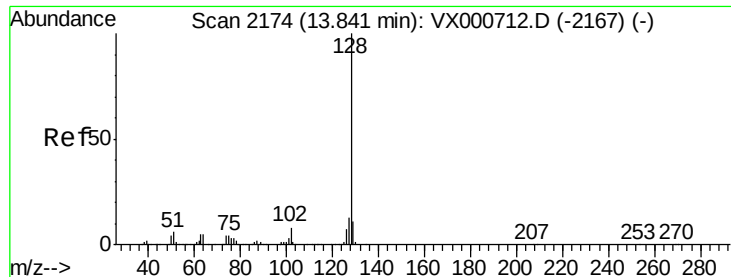
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.7
145	27.6	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 45.25 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000743.D
 Acq: 08 Apr 2018 20:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.8
227	63.9	31.9	95.7





#95

Naphthalene

Concen: 48.59 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218MS

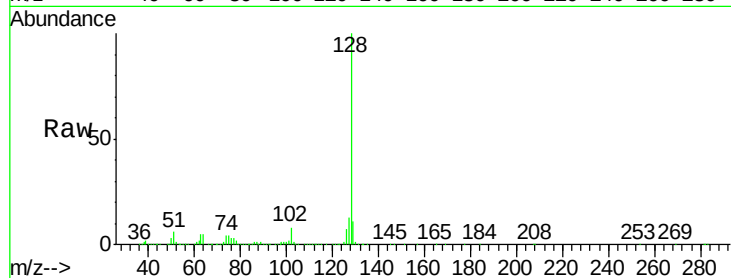
Tgt Ion:128 Resp: 822319

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

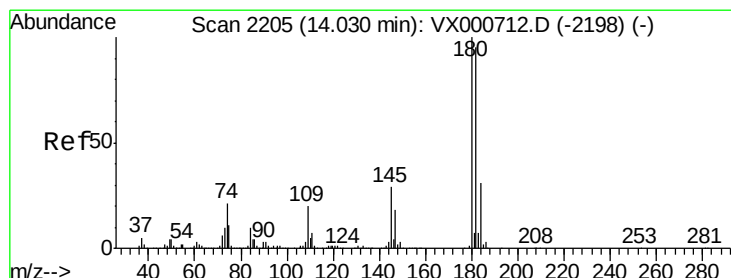
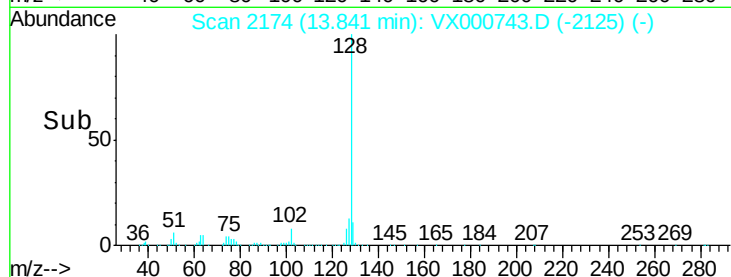
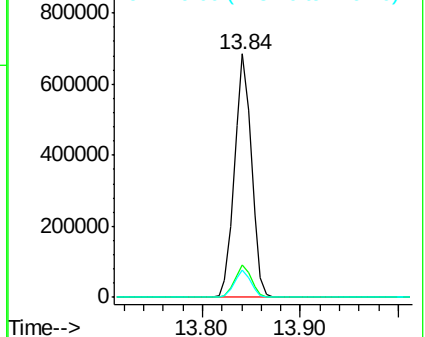
129 11.0 8.8 13.2



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: 48.62 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VX000743.D

Acq: 08 Apr 2018 20:19

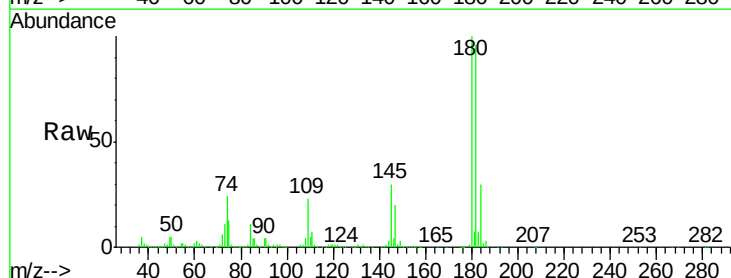
Tgt Ion:180 Resp: 303144

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.3

145 29.3 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

