

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010727.D
 Acq On : 09 Jul 2019 04:16
 Operator : JC/SP
 Sample : K3690-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW013-190703

Quant Time: Jul 09 07:25:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	323288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113990	53.44	ug/l	0.00
Spiked Amount			Recovery	=	106.88%	
35) Dibromofluoromethane	5.50	113	108053	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	8.71	98	420032	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	149185	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1036	0.563	ug/l #	86
4) Vinyl Chloride	1.41	62	494	0.245	ug/l #	1
5) Bromomethane	1.64	94	754	0.767	ug/l #	58
6) Chloroethane	1.92	64	428	0.360	ug/l	93
11) Tert butyl alcohol	3.04	59	3188	5.712	ug/l #	74
13) Acrolein	2.28	56	183	0.494	ug/l #	14
16) Acetone	2.45	43	4261	3.986	ug/l	95
18) Methyl Acetate	2.84	43	40712	19.109	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	901	0.368	ug/l	46
29) Tetrahydrofuran	5.13	42	381	0.392	ug/l #	42
31) Cyclohexane	5.59	56	5802	1.883	ug/l	96
36) 1,1-Dichloropropene	5.67	75	14780	5.254	ug/l #	47
38) Carbon Tetrachloride	5.67	117	20369	6.687	ug/l #	16
39) Methylcyclohexane	7.46	83	7014	1.897	ug/l	91
40) Benzene	6.15	78	45642	5.208	ug/l	99
43) Isopropyl Acetate	6.35	43	16434	3.432	ug/l #	57
49) 1,4-Dioxane	7.63	88	19	0.296	ug/l #	1
52) Toluene	8.79	92	2305	0.399	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	1351	0.568	ug/l #	32
59) 2-Hexanone	9.51	43	565	0.234	ug/l	83
65) Chlorobenzene	10.14	112	1847740	281.523	ug/l	97
67) Ethyl Benzene	10.25	91	2619	0.236	ug/l	95
68) m/p-Xylenes	10.35	106	1260	0.293	ug/l	87
69) o-Xylene	10.69	106	3065	0.726	ug/l	79
73) Isopropylbenzene	11.02	105	135203	12.354	ug/l	99
74) N-amyl acetate	10.94	43	2805	0.678	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	11.27	83	916	0.253	ug/l #	79
76) 1,2,3-Trichloropropane	11.13	75	71405	24.272	ug/l #	33
78) n-propylbenzene	11.36	91	93088	7.739	ug/l	99
79) 2-Chlorotoluene	11.42	91	2925	0.408	ug/l	86
81) trans-1,4-Dichloro-2-buten	11.13	75	71405	56.623	ug/l #	16
82) 4-Chlorotoluene	11.42	91	2925	0.359	ug/l	94
83) tert-Butylbenzene	11.77	119	87109	9.620	ug/l	91
84) 1,2,4-Trimethylbenzene	11.66	105	20383	2.249	ug/l	79

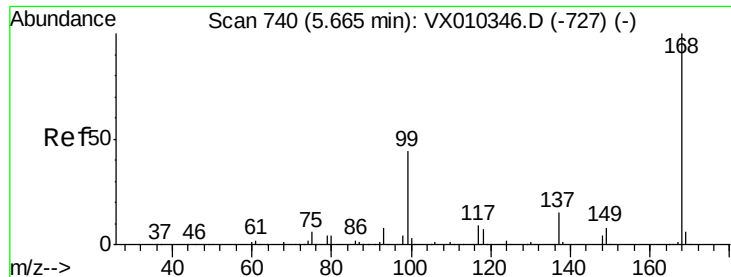
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	186008	17.495	ug/l	95
86) p-Isopropyltoluene	12.23	119	392036	39.865	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	1708	0.320	ug/l #	85
88) 1,4-Dichlorobenzene	12.10	146	6257	1.152	ug/l #	62
89) n-Butylbenzene	12.38	91	23457	2.807	ug/l #	53
90) Hexachloroethane	12.70	117	286871	168.702	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	7615	1.436	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2204	2.821	ug/l #	1
95) Naphthalene	13.83	128	7343	0.650	ug/l #	71

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

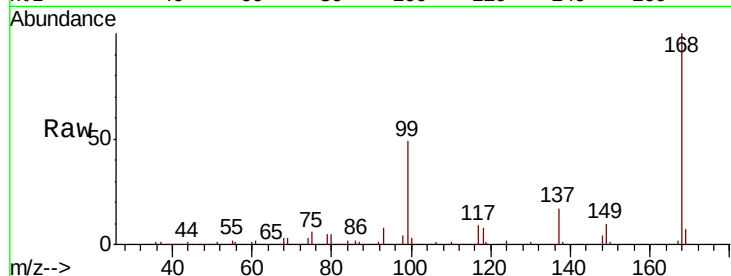
SS038MW013-190703

Tot Ion:168 Resp: 227489

Ion Ratio Lower Upper

168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

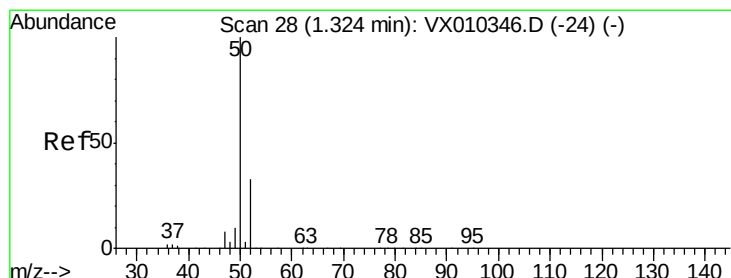
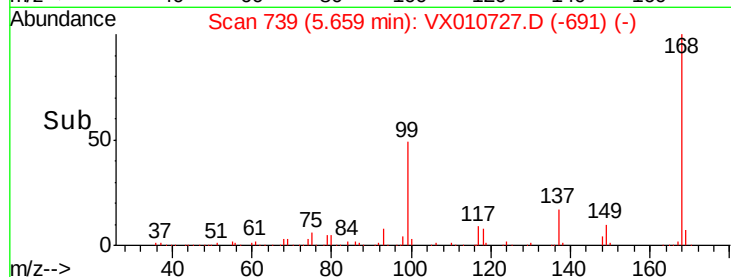
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.563 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010727.D

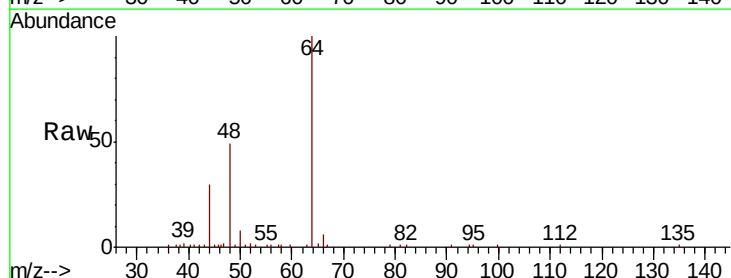
Acq: 09 Jul 2019 04:16

Tgt Ion: 50 Resp: 1036

Ion Ratio Lower Upper

50 100

52 25.3 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

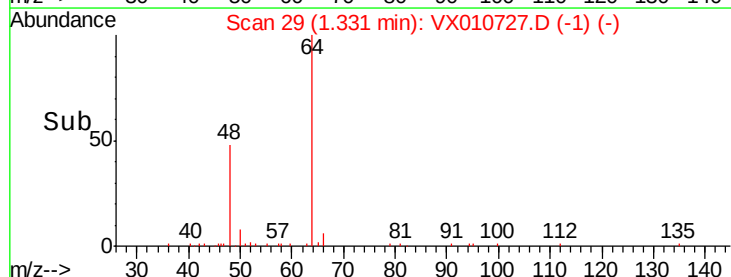
600

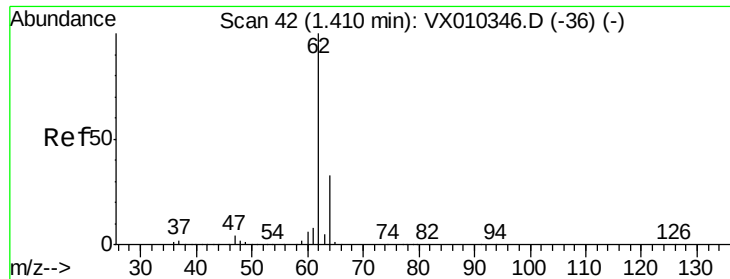
400

200

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 0.245 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

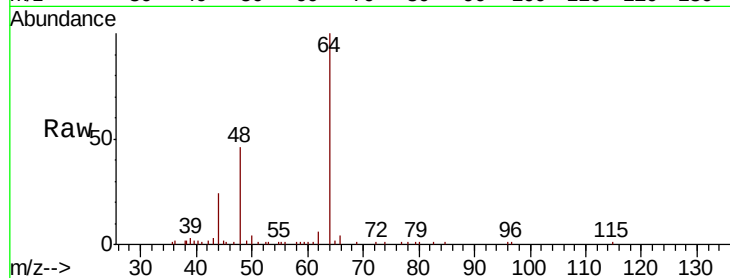
SS038MW013-190703

Tot Ion: 62 Resp: 494

Ion Ratio Lower Upper

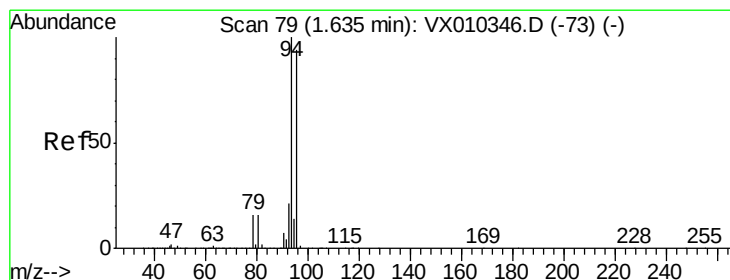
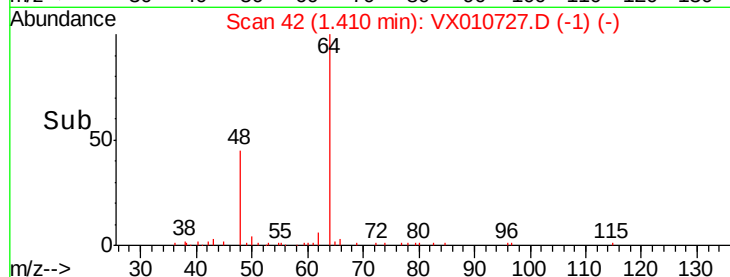
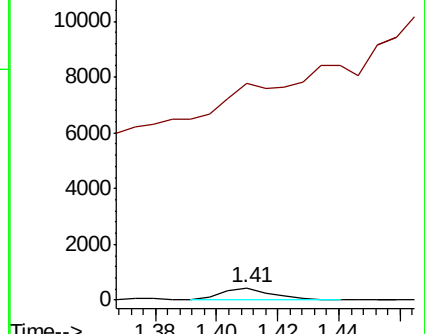
62 100

64 294.2 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.767 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010727.D

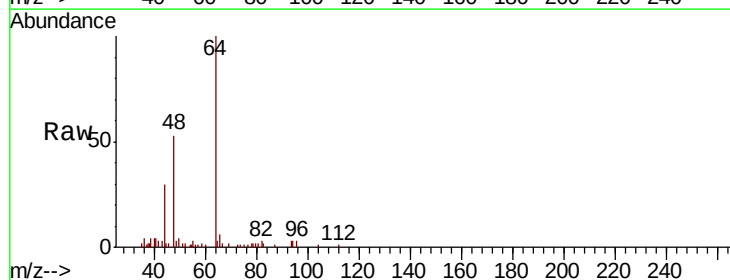
Acq: 09 Jul 2019 04:16

Tgt Ion: 94 Resp: 754

Ion Ratio Lower Upper

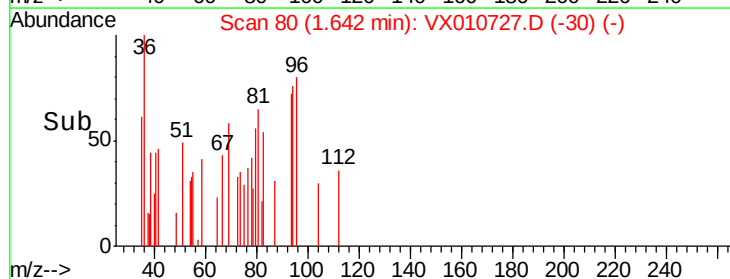
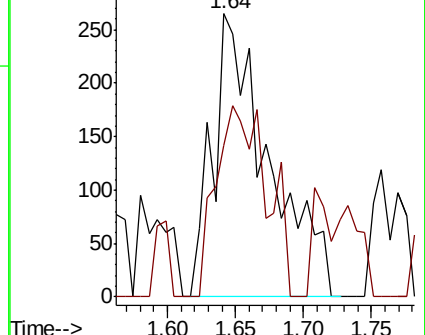
94 100

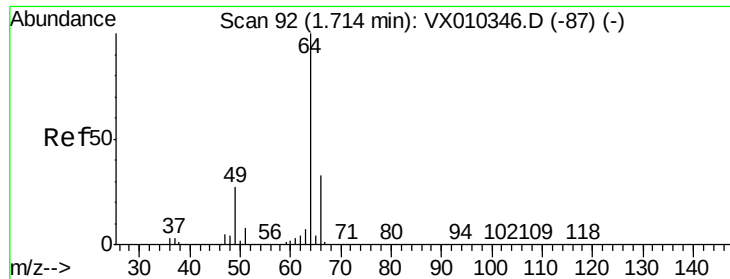
96 53.6 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.360 ug/l

RT: 1.92 min Scan# 125

Delta R.T. 0.20 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

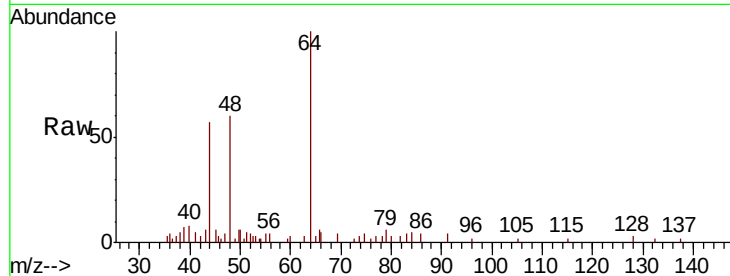
SS038MW013-190703

Tot Ion: 64 Resp: 428

Ion Ratio Lower Upper

64 100

66 29.4 26.6 40.0

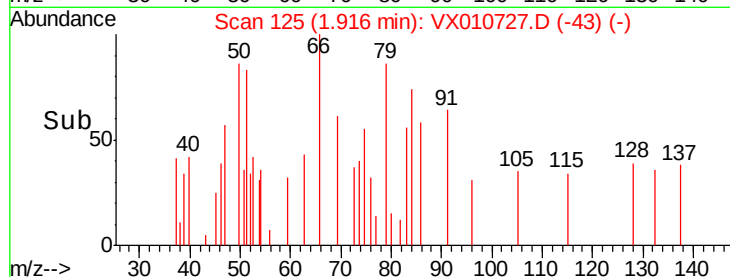


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.92

Time-->



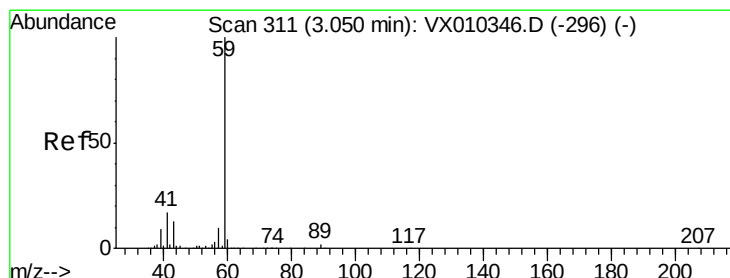
Abundance

Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.92

Time-->



#11

Tert butyl alcohol

Concen: 5.712 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX010727.D

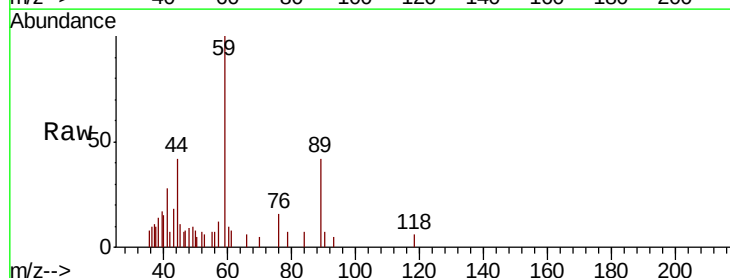
Acq: 09 Jul 2019 04:16

Tgt Ion: 59 Resp: 3188

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#

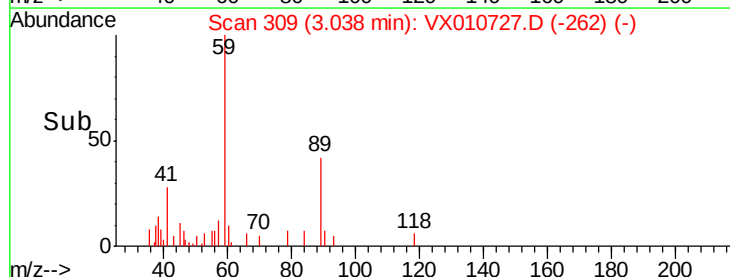


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

Time-->



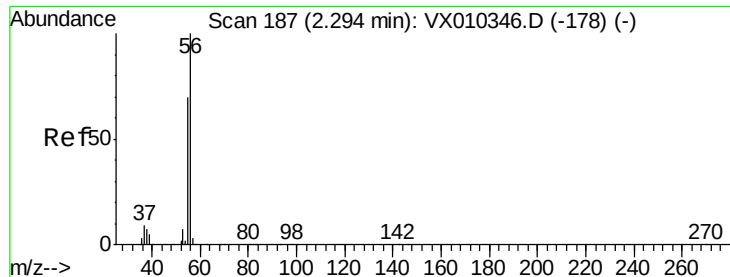
Abundance

Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

Time-->



#13

Acrolein

Concen: 0.494 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

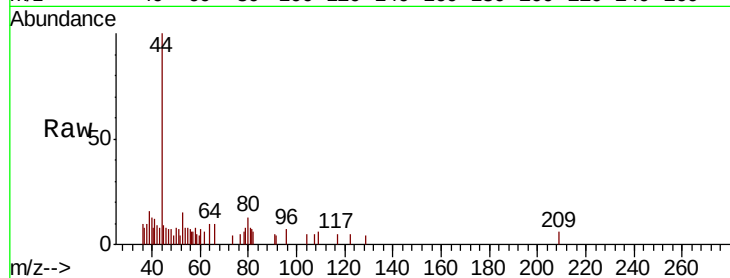
SS038MW013-190703

Tot Ion: 56 Resp: 183

Ion Ratio Lower Upper

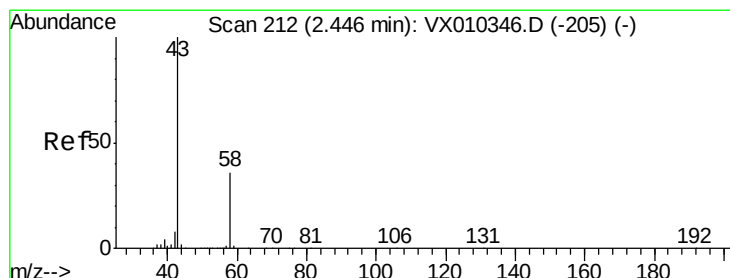
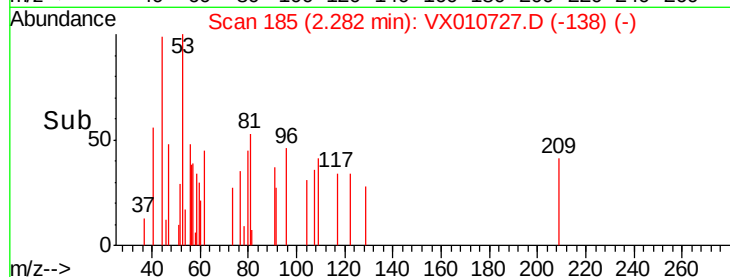
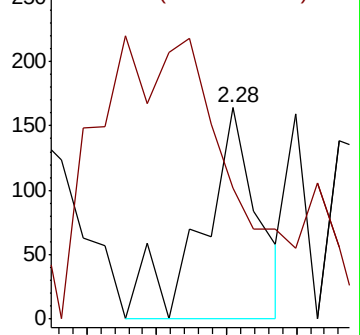
56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 3.986 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010727.D

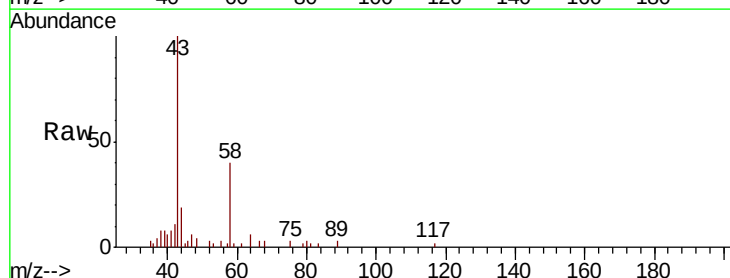
Acq: 09 Jul 2019 04:16

Tgt Ion: 43 Resp: 4261

Ion Ratio Lower Upper

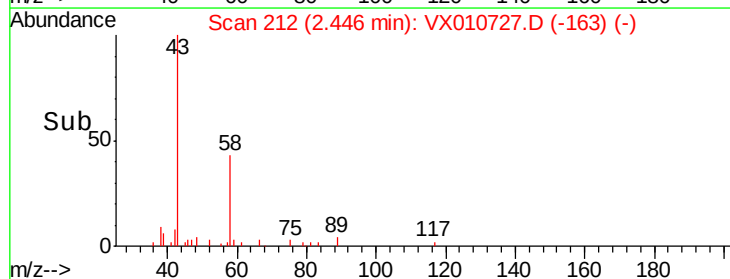
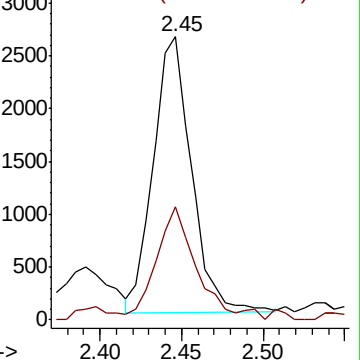
43 100

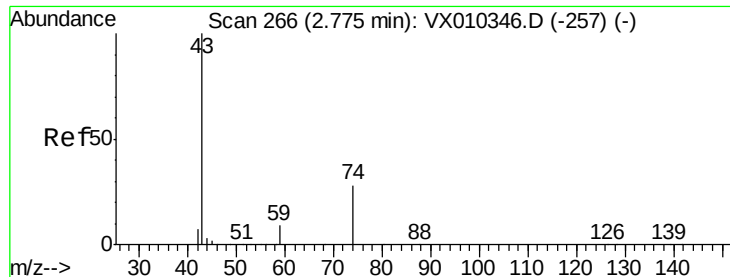
58 39.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

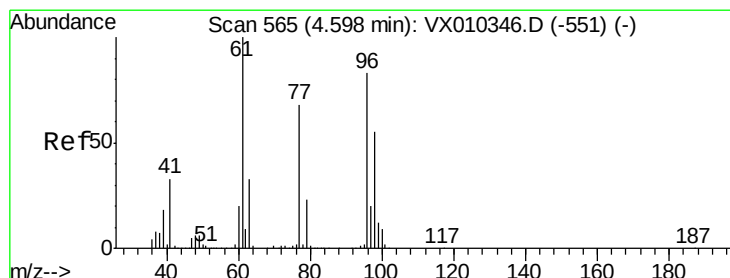
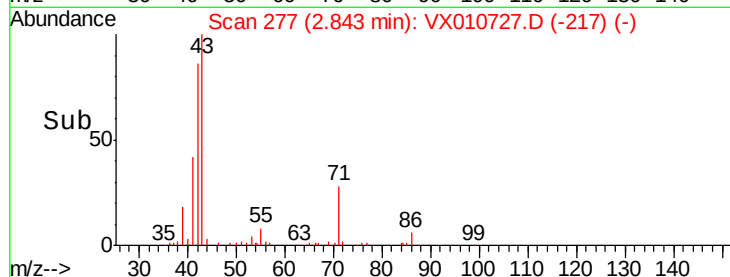
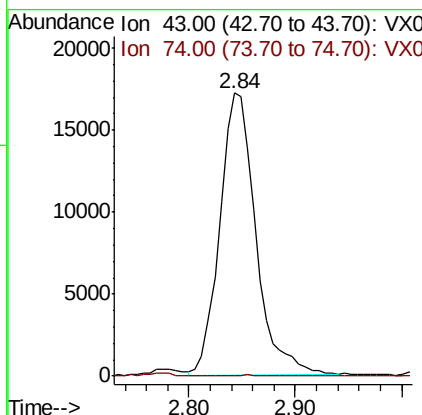
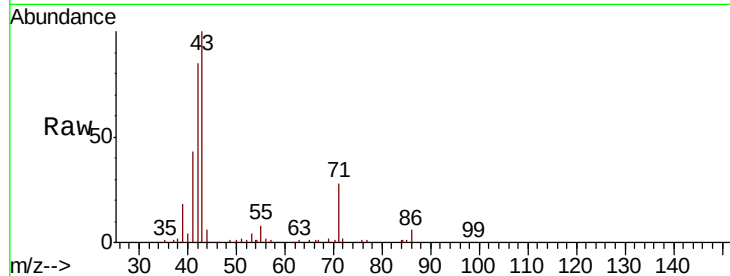




#18
Methyl Acetate
Concen: 19.109 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

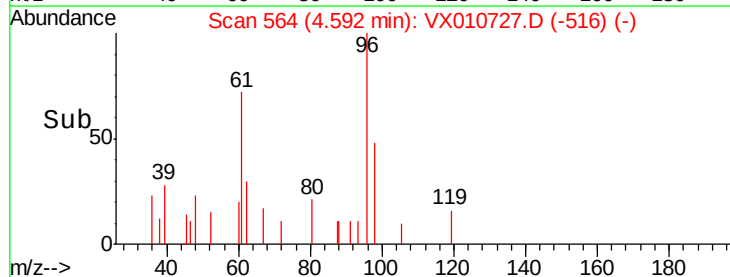
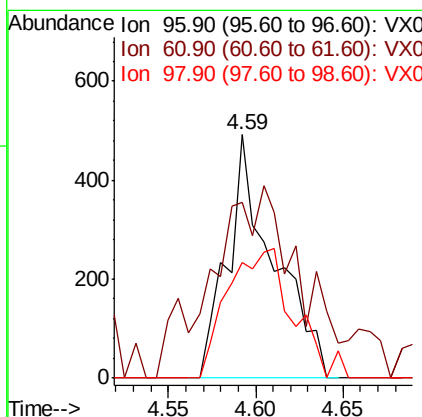
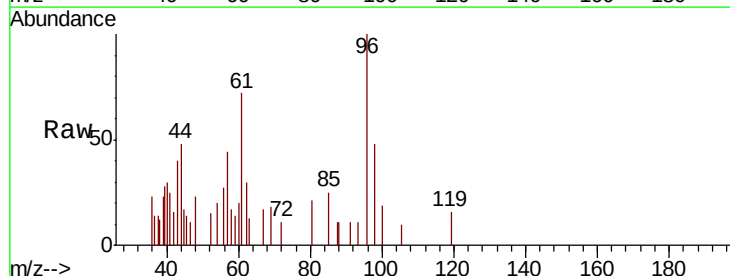
Instrument :
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SS038MW013-190703

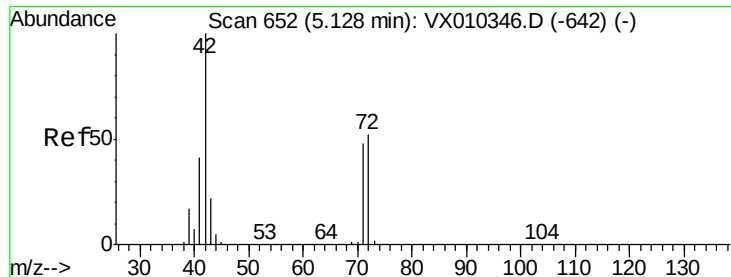
Tot Ion: 43 Resp: 40712
Ion Ratio Lower Upper
43 100
74 0.2 21.3 31.9#



#27
cis-1,2-Dichloroethene
Concen: 0.368 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Tgt Ion: 96 Resp: 901
Ion Ratio Lower Upper
96 100
61 40.8 0.0 251.8
98 76.1 0.0 129.4

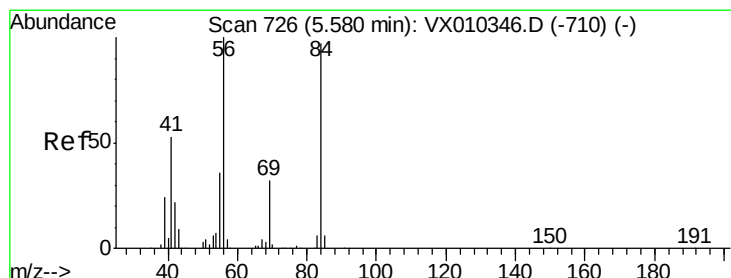
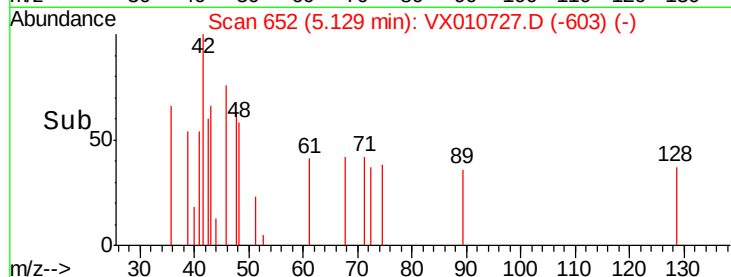
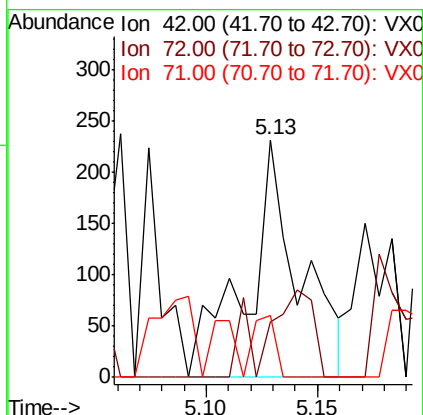
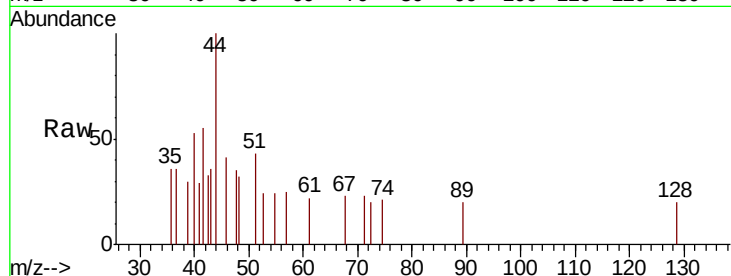




#29
Tetrahydrofuran
Concen: 0.392 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

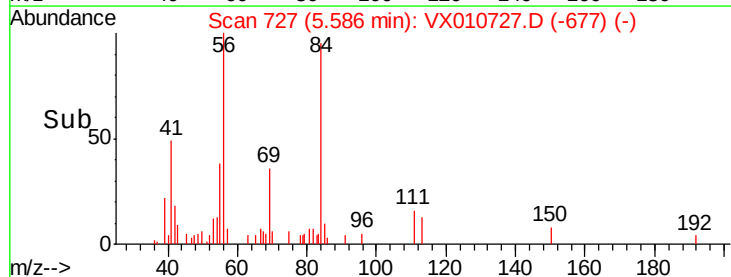
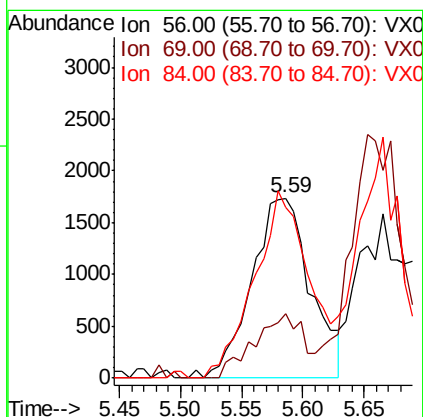
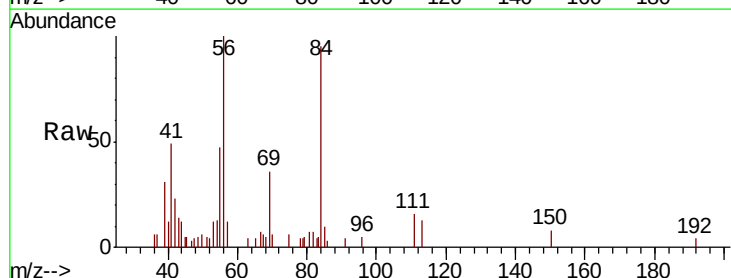
Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703

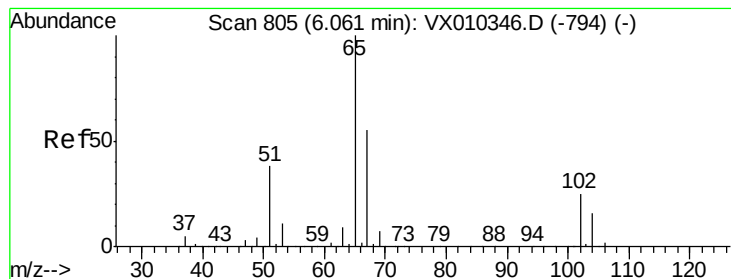
Tot Ion: 42 Resp: 381
Ion Ratio Lower Upper
42 100
72 7.6 40.6 60.8#
71 11.3 37.8 56.8#



#31
Cyclohexane
Concen: 1.883 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Tgt Ion: 56 Resp: 5802
Ion Ratio Lower Upper
56 100
69 35.8 25.9 38.9
84 94.7 78.0 117.0





#33

1,2-Dichloroethane-d4

Concen: 53.443 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

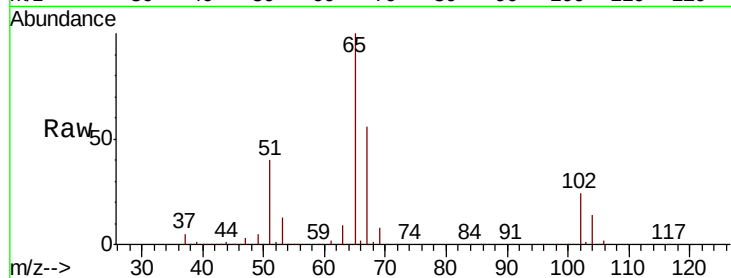
SS038MW013-190703

Tot Ion: 65 Resp: 113990

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

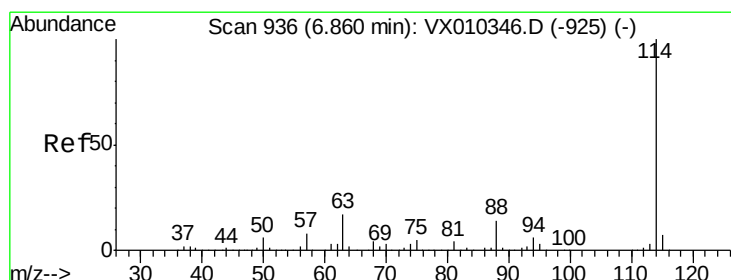
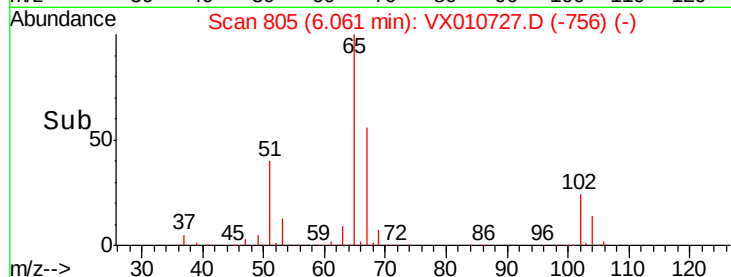
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

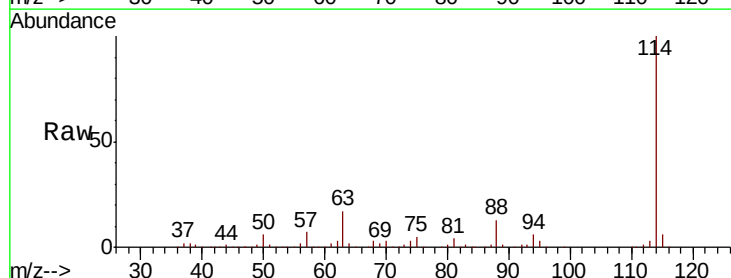
Tgt Ion: 114 Resp: 353987

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

88 13.4 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

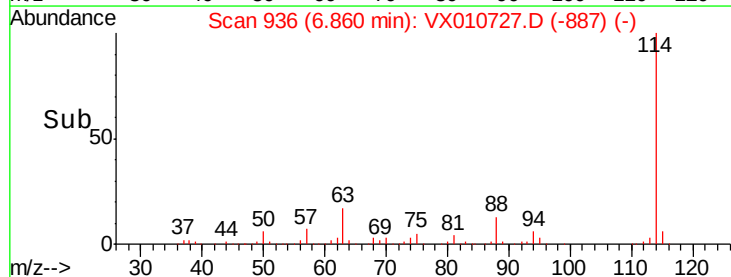
100000

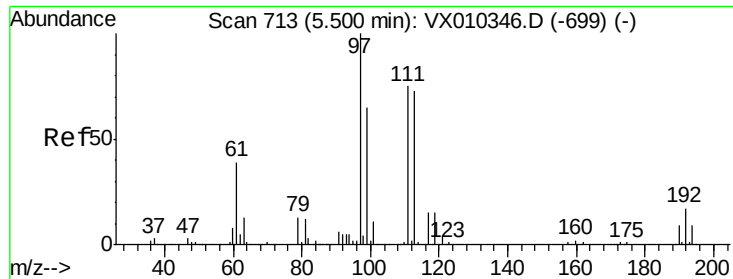
50000

0

Time-->

6.80 6.90 7.00

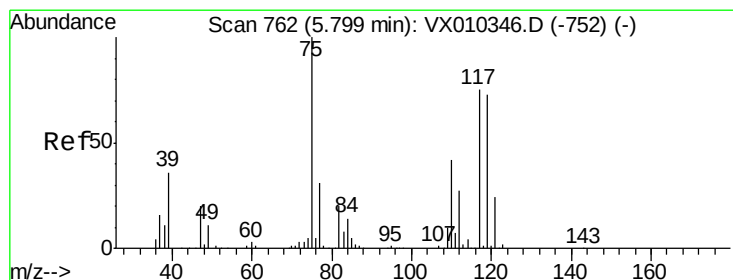
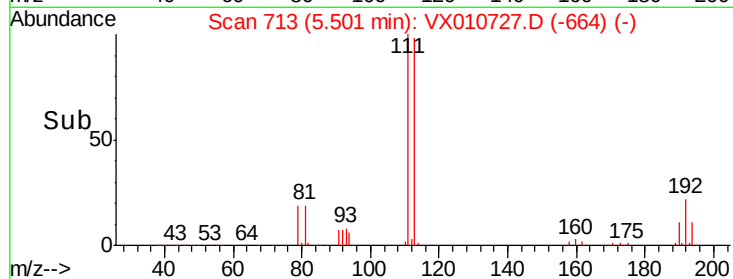
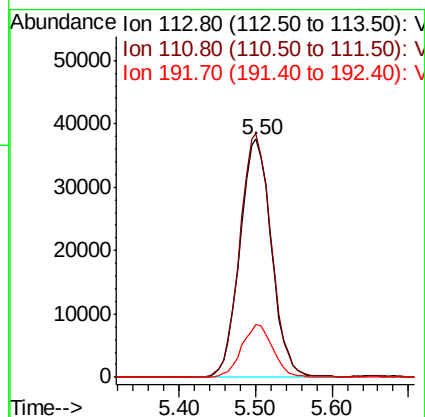
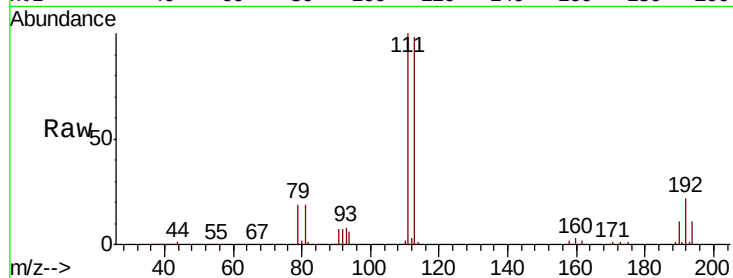




#35
 Dibromofluoromethane
 Concen: 49.890 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010727.D
 Acq: 09 Jul 2019 04:16

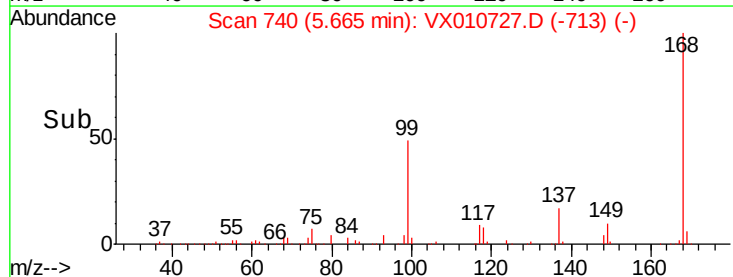
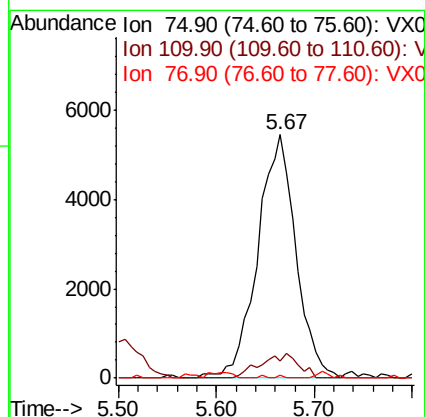
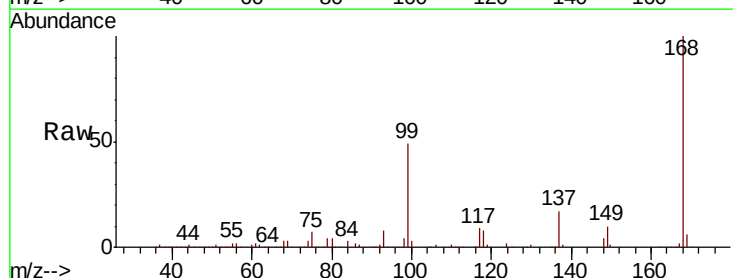
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW013-190703

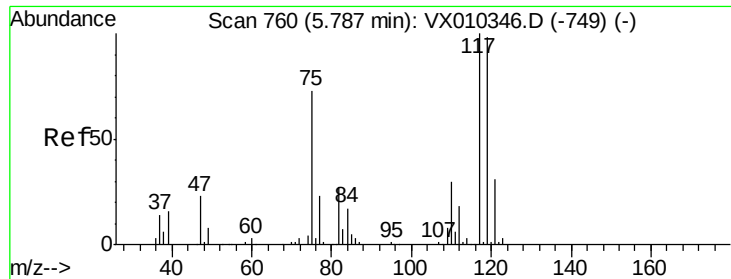
Tot Ion:113 Resp: 108053
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.2 121.8
 192 21.8 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.254 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010727.D
 Acq: 09 Jul 2019 04:16

Tgt Ion: 75 Resp: 14780
 Ion Ratio Lower Upper
 75 100
 110 10.0 20.8 62.2#
 77 0.1 25.4 38.0#

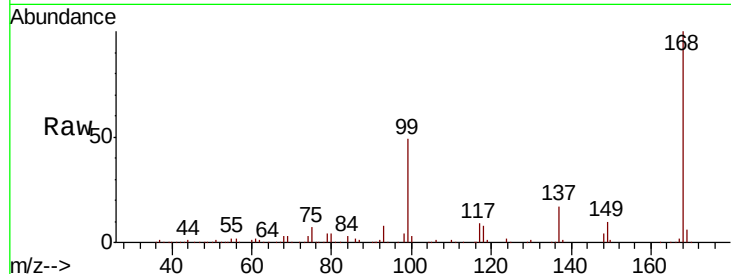




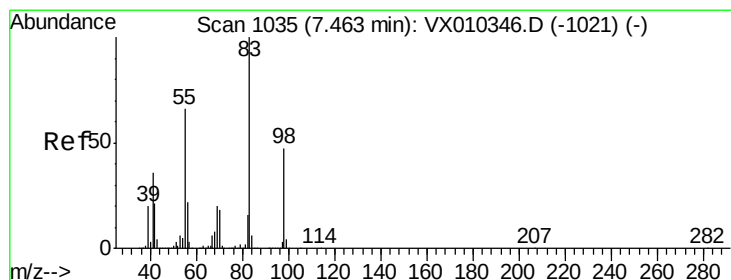
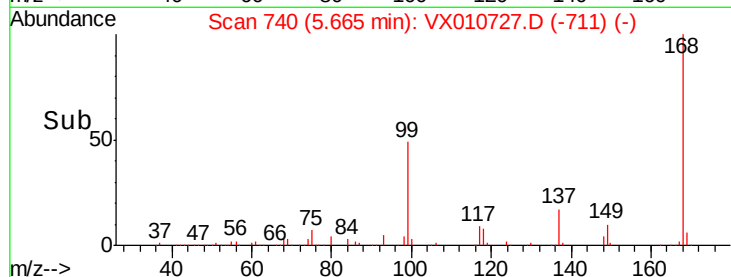
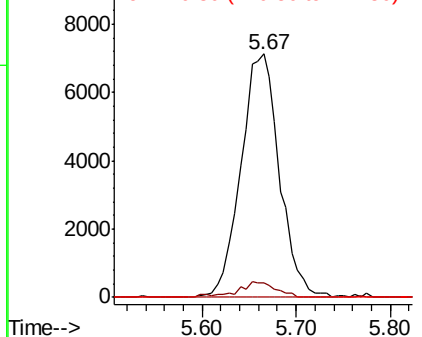
#38
Carbon Tetrachloride
Concen: 6.687 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703

Tot Ion:117 Resp: 20369
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.4#
121 0.0 24.7 37.1#

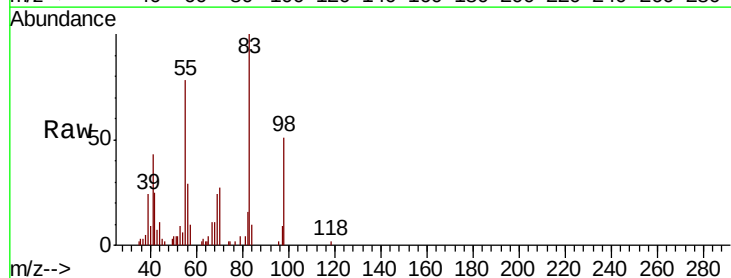


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

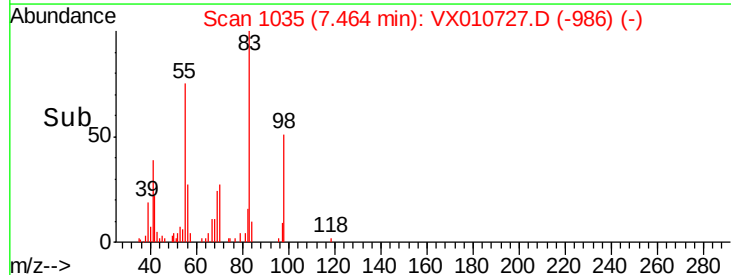
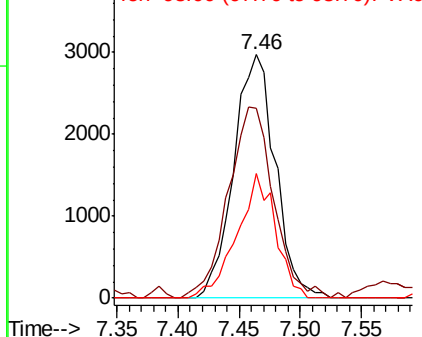


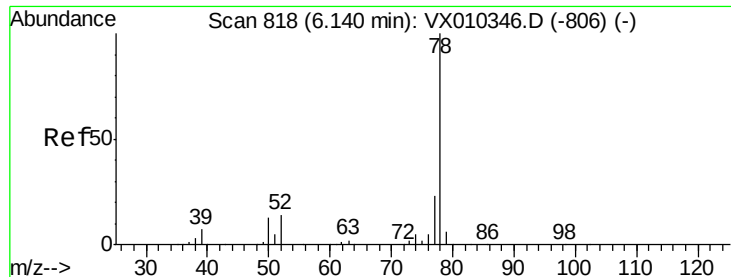
#39
Methylcyclohexane
Concen: 1.897 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Tgt Ion: 83 Resp: 7014
Ion Ratio Lower Upper
83 100
55 75.6 53.0 79.6
98 50.9 37.8 56.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 5.208 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

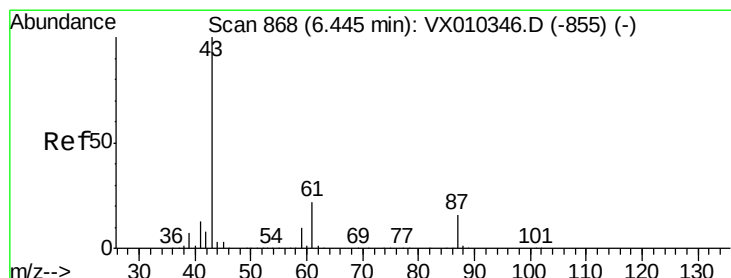
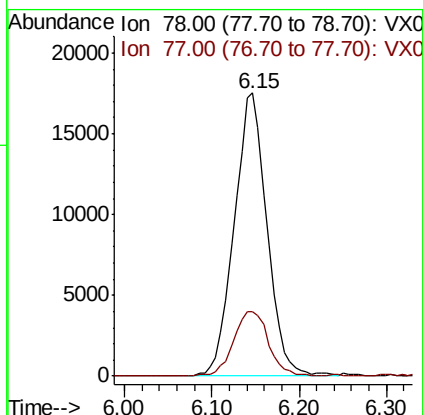
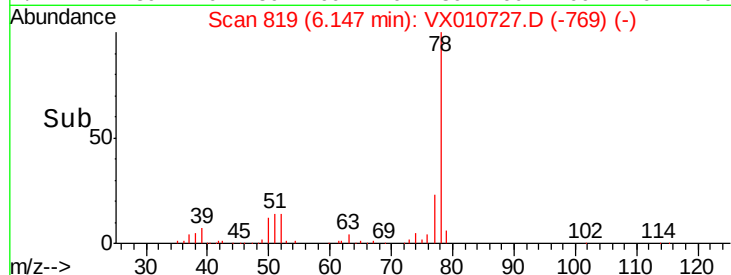
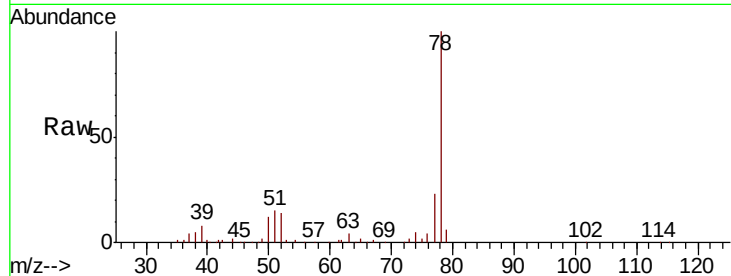
SS038MW013-190703

Tot Ion: 78 Resp: 45642

Ion Ratio Lower Upper

78 100

77 22.6 18.6 28.0



#43

Isopropyl Acetate

Concen: 3.432 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.10 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

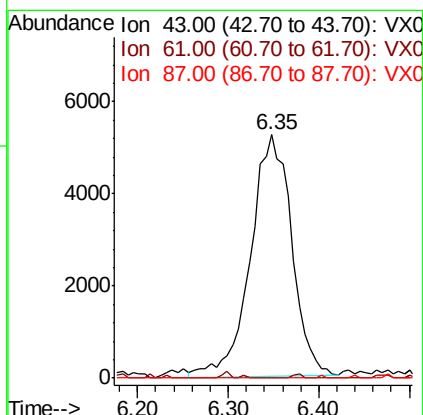
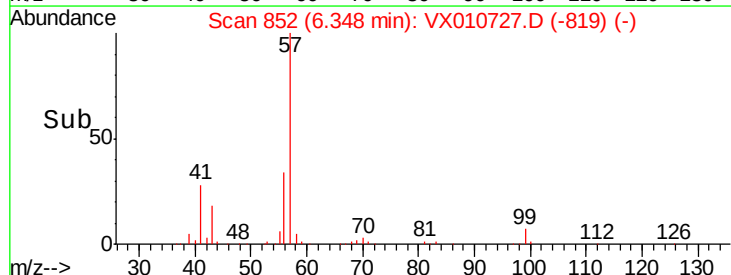
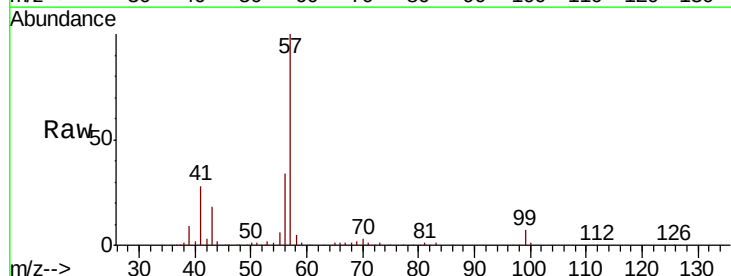
Tgt Ion: 43 Resp: 16434

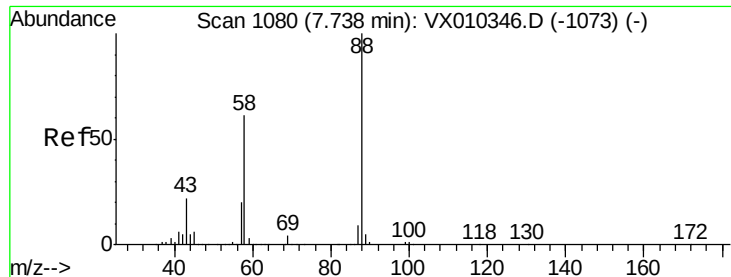
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 13.0 19.4#

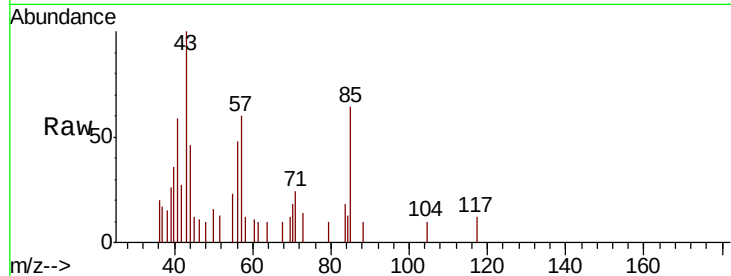




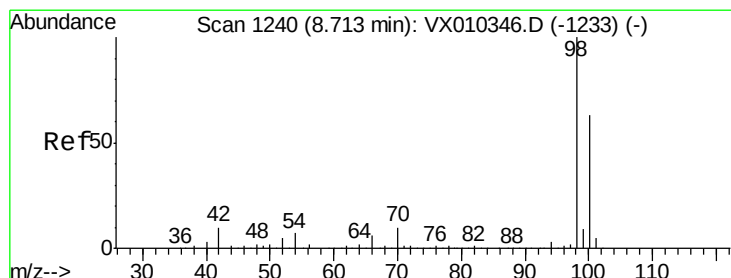
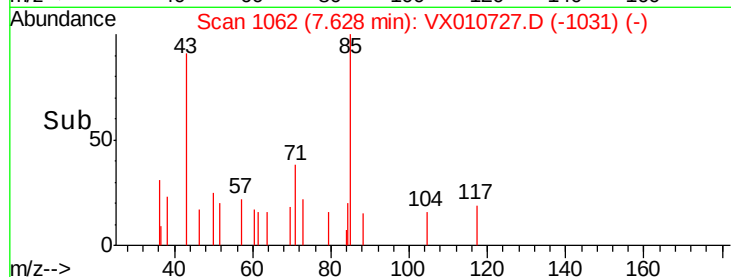
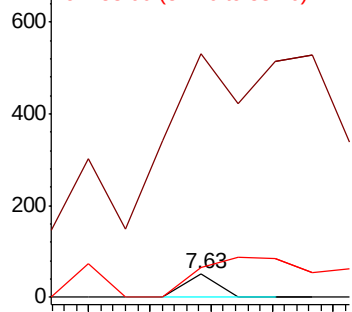
#49
1,4-Dioxane
Concen: 0.296 ug/l
RT: 7.63 min Scan# 1062
Delta R.T. -0.11 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703

Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 6015.8 20.2 30.2#
58 557.9 49.5 74.3#

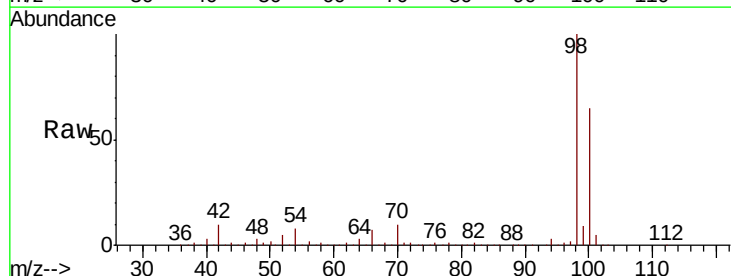


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

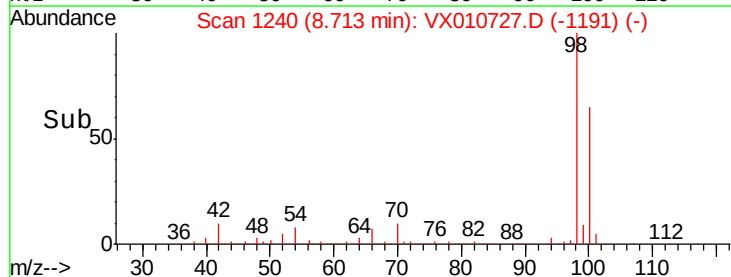
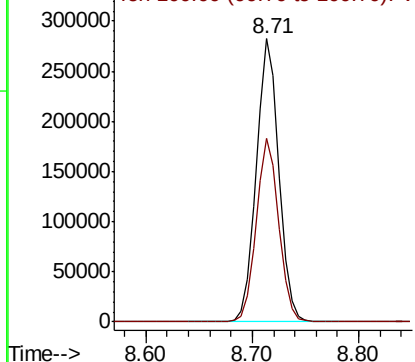


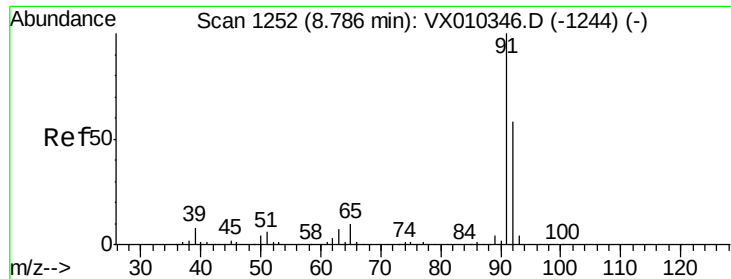
#50
Toluene-d8
Concen: 50.692 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Tgt Ion: 98 Resp: 420032
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



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





#52

Toluene

Concen: 0.399 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

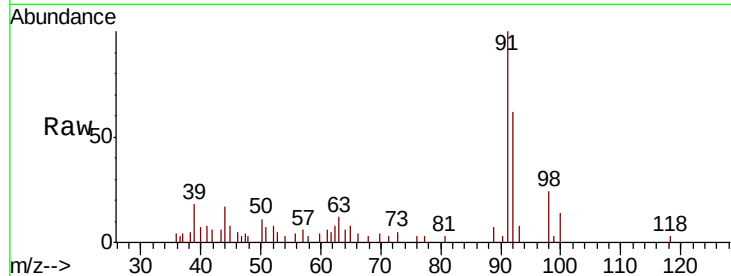
SS038MW013-190703

Tot Ion: 92 Resp: 2305

Ion Ratio Lower Upper

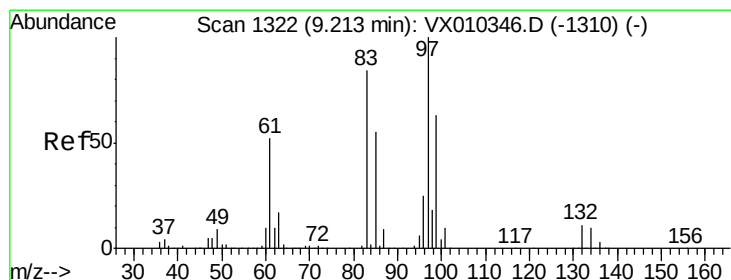
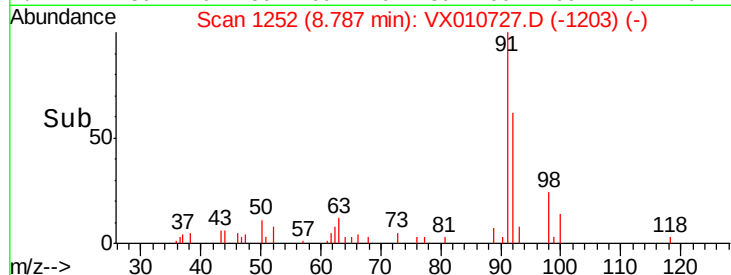
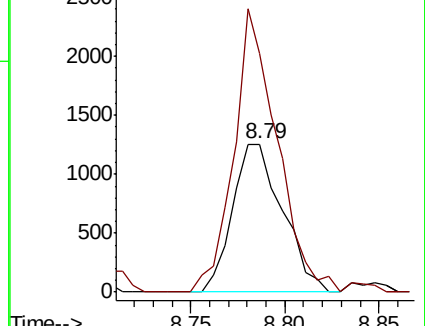
92 100

91 165.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.568 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Tgt Ion: 97 Resp: 1351

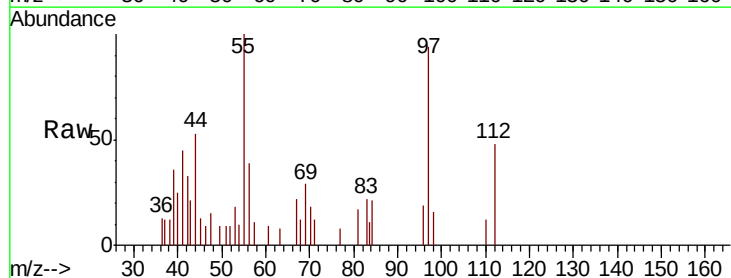
Ion Ratio Lower Upper

97 100

83 35.3 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

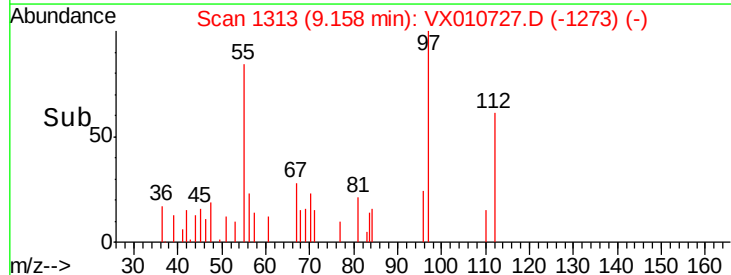
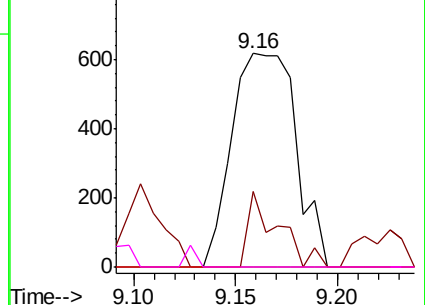


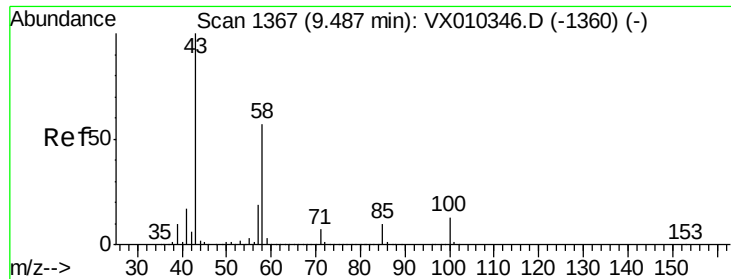
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

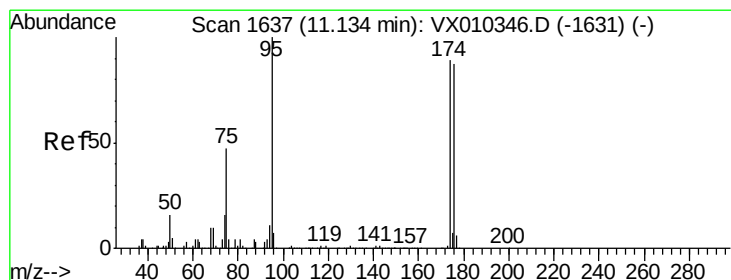
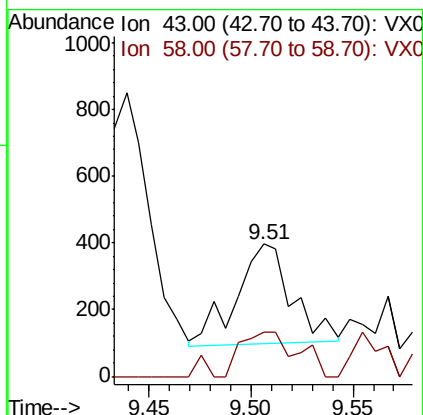
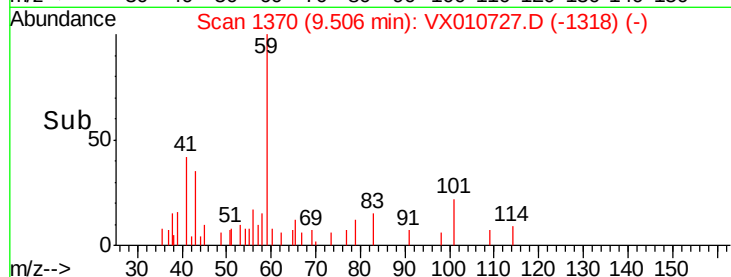
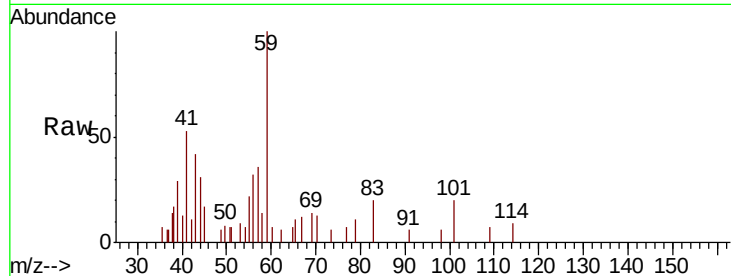




#59
2-Hexanone
Concen: 0.234 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

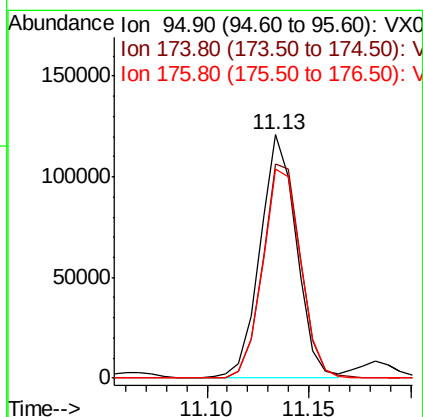
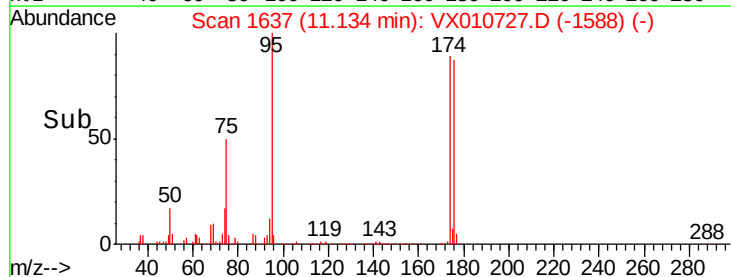
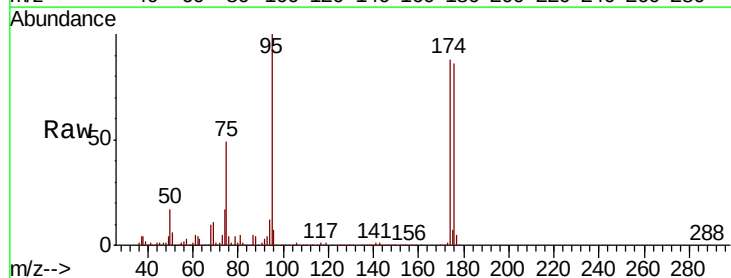
Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703

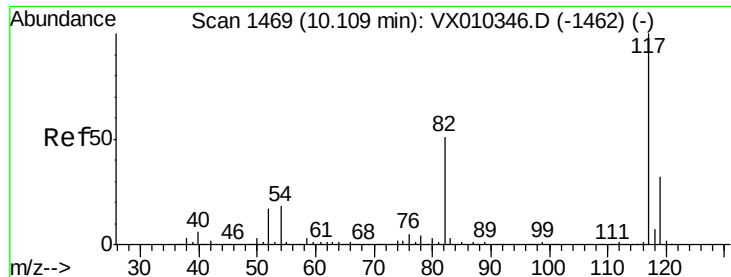
Tot Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 45.5 29.0 87.1



#62
4-Bromofluorobenzene
Concen: 49.870 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Tgt Ion: 95 Resp: 149185
Ion Ratio Lower Upper
95 100
174 92.9 0.0 187.6
176 90.8 0.0 184.0

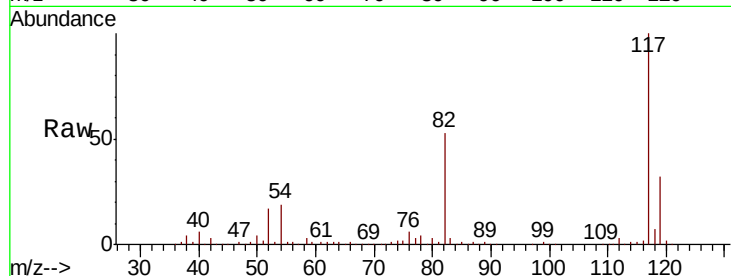




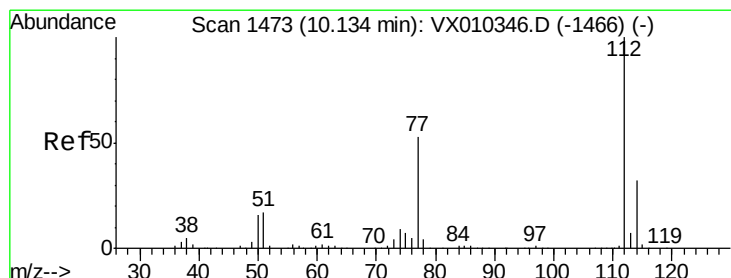
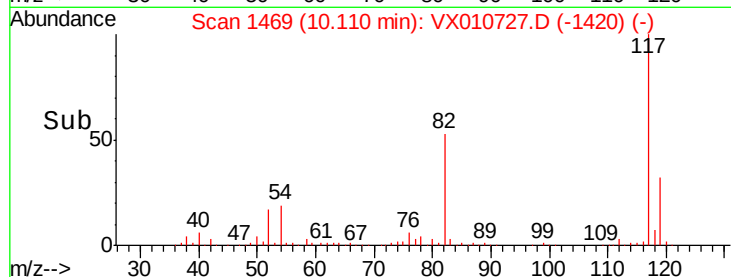
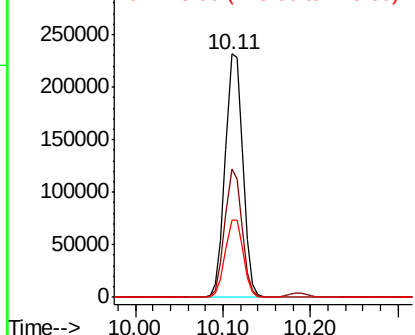
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703

Tot Ion:117 Resp: 323288
Ion Ratio Lower Upper
117 100
82 53.0 41.2 61.8
119 31.8 25.5 38.3

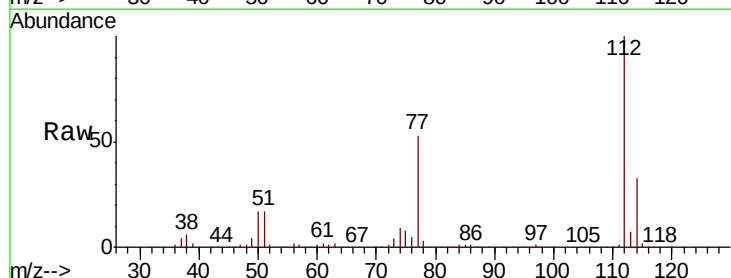


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

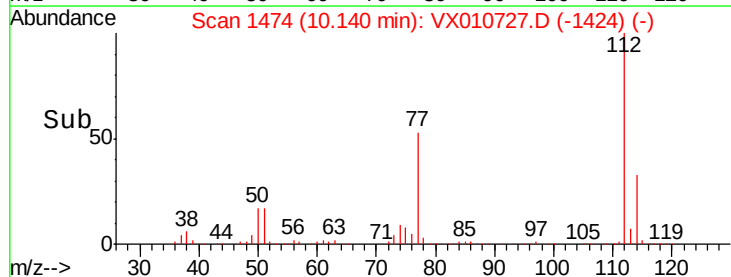
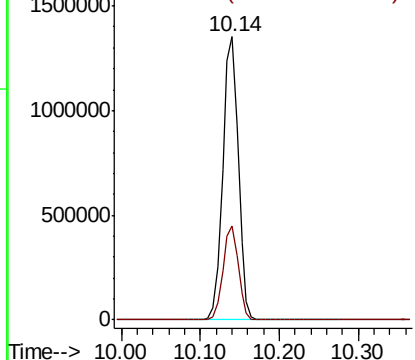


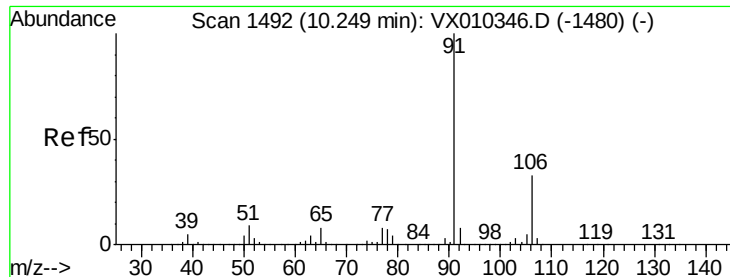
#65
Chlorobenzene
Concen: 281.523 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Tgt Ion:112 Resp: 1847740
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

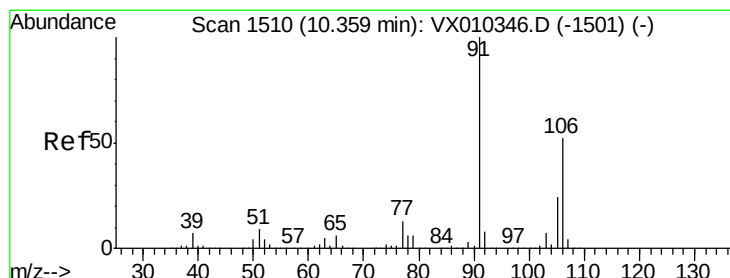
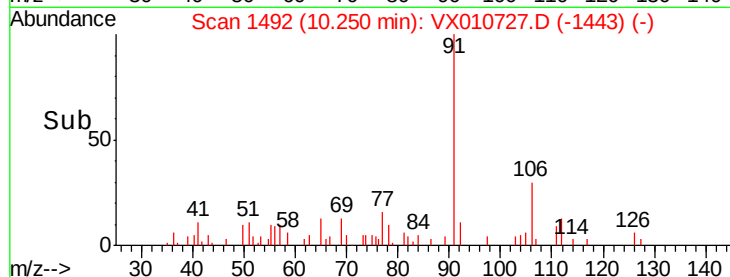
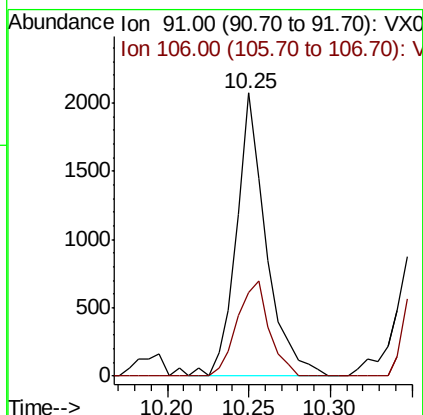
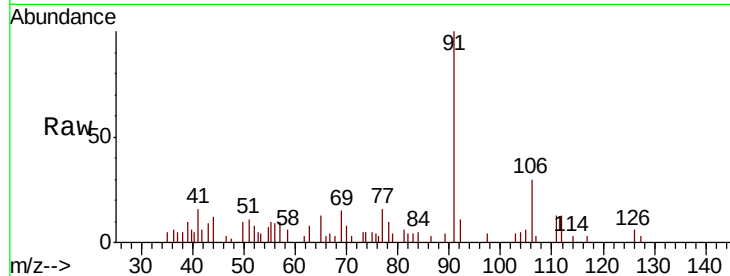




#67
Ethyl Benzene
Concen: 0.236 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

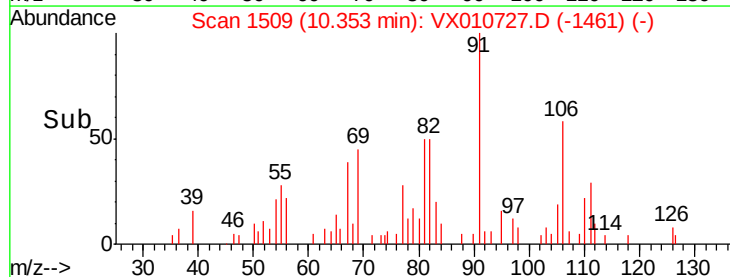
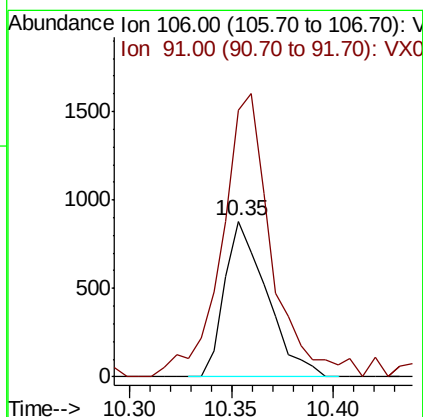
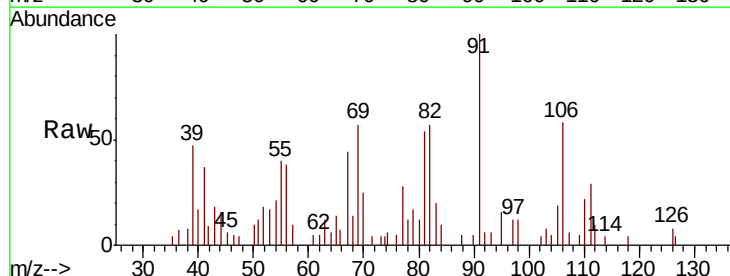
Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703

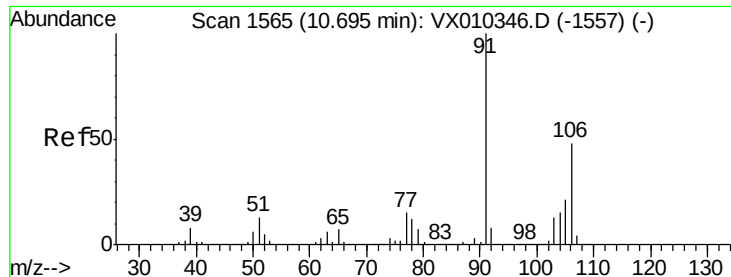
Tot Ion: 91 Resp: 2619
Ion Ratio Lower Upper
91 100
106 29.7 26.2 39.2



#68
m/p-Xylenes
Concen: 0.293 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Tgt Ion: 106 Resp: 1260
Ion Ratio Lower Upper
106 100
91 213.8 155.3 232.9

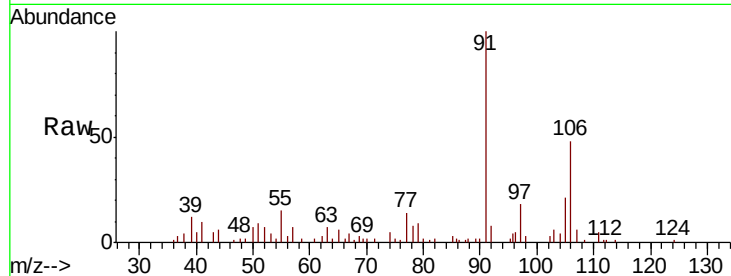




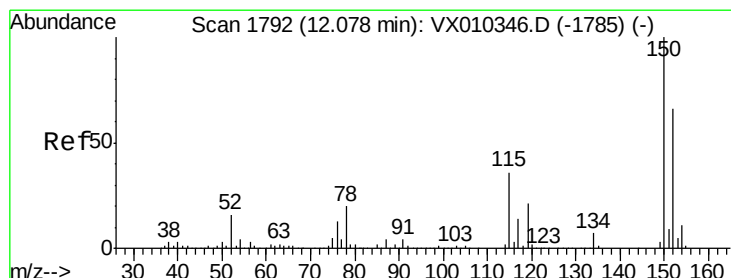
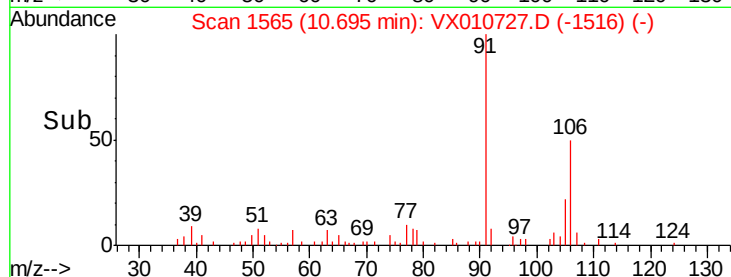
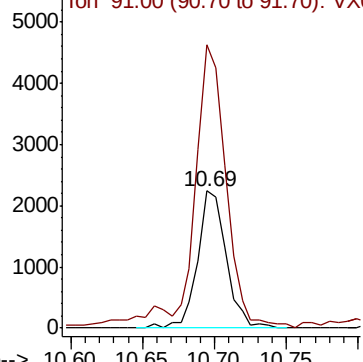
#69
o-Xylene
Concen: 0.726 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703

Tot Ion:106 Resp: 3065
Ion Ratio Lower Upper
106 100
91 237.2 102.7 308.1

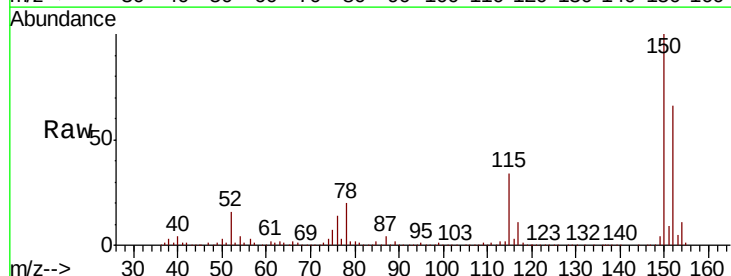


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

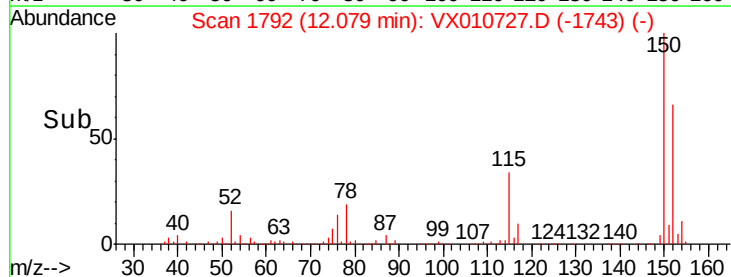
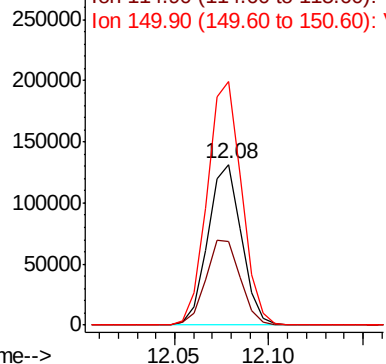


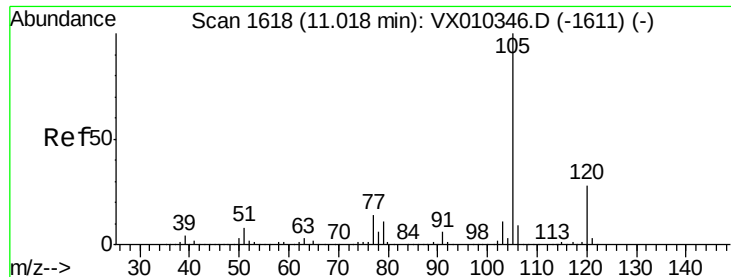
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Tgt Ion:152 Resp: 161442
Ion Ratio Lower Upper
152 100
115 55.5 38.6 115.7
150 155.7 0.0 347.4



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





#73

Isopropylbenzene

Concen: 12.354 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

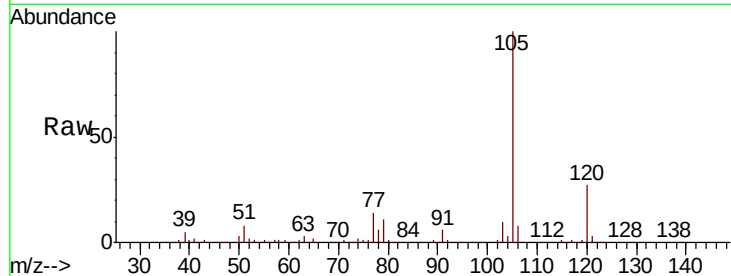
SS038MW013-190703

Tot Ion:105 Resp: 135203

Ion Ratio Lower Upper

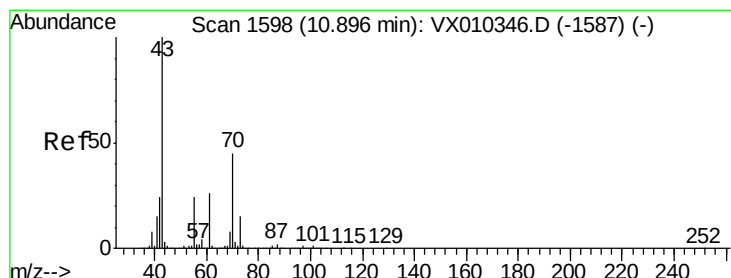
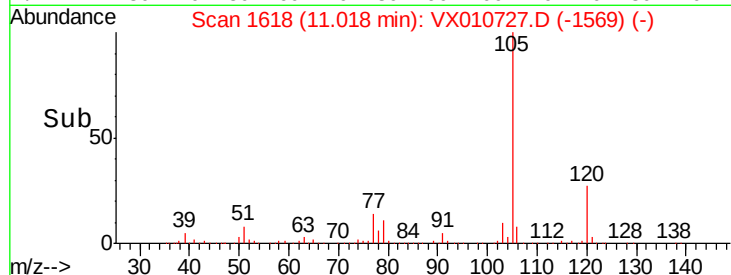
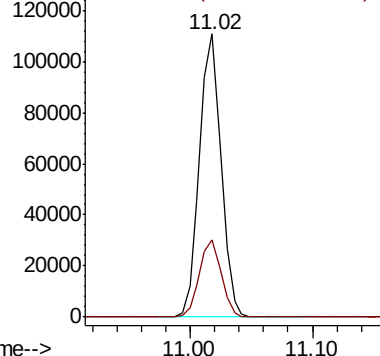
105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.678 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Tgt Ion: 43 Resp: 2805

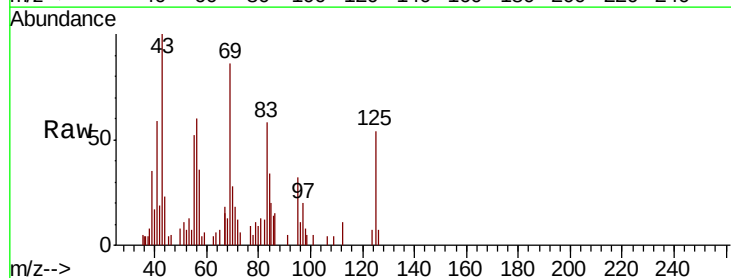
Ion Ratio Lower Upper

43 100

70 0.0 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#

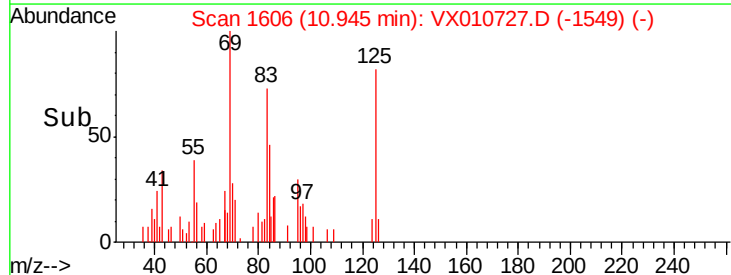
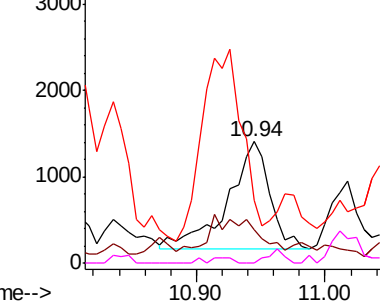


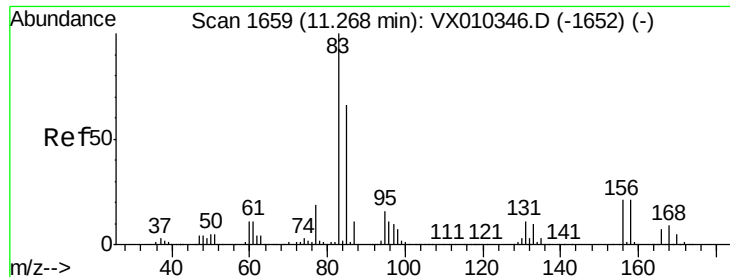
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.253 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190703

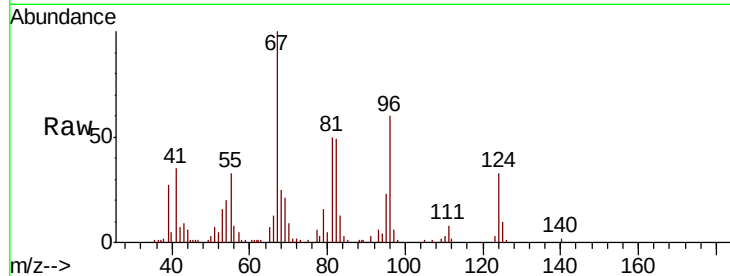
Tot Ion: 83 Resp: 916

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

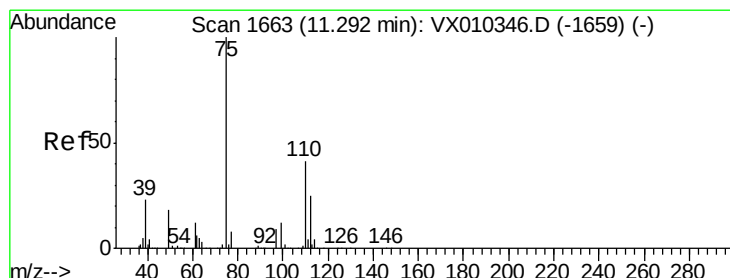
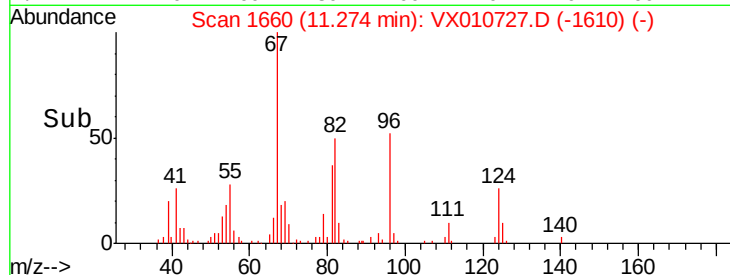
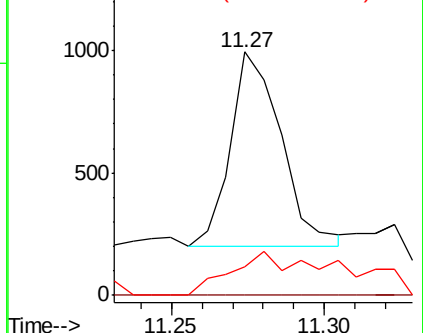
85 49.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.272 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010727.D

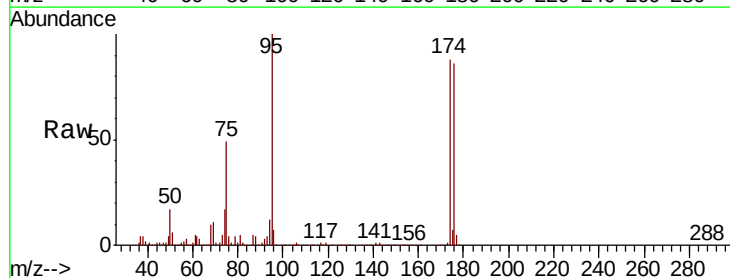
Acq: 09 Jul 2019 04:16

Tgt Ion: 75 Resp: 71405

Ion Ratio Lower Upper

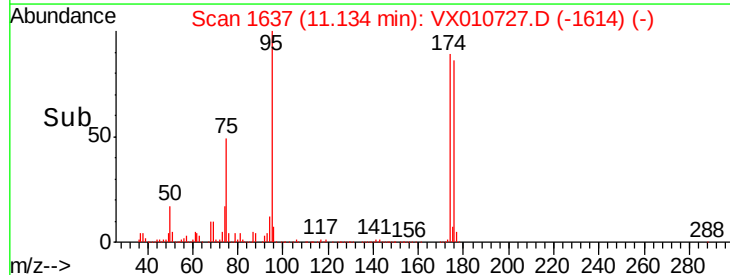
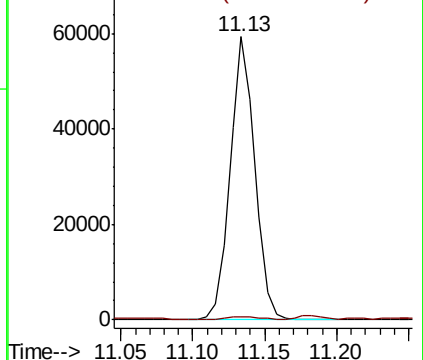
75 100

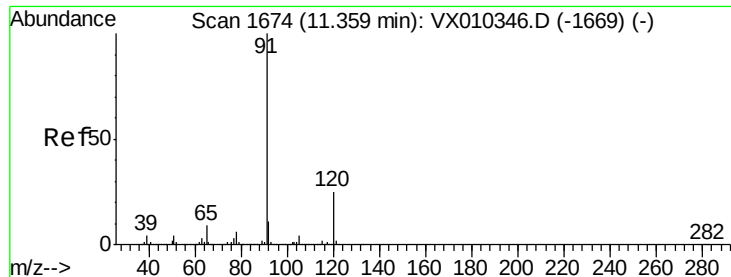
77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 7.739 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

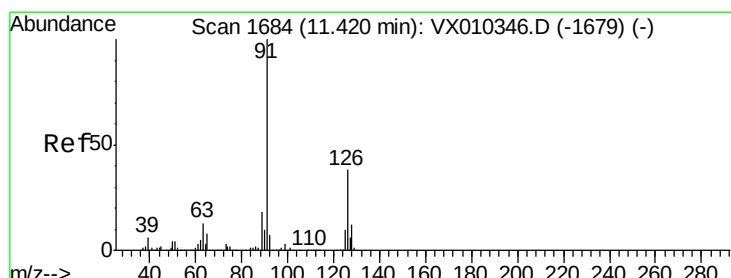
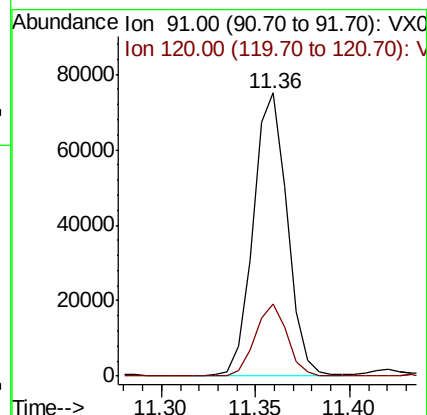
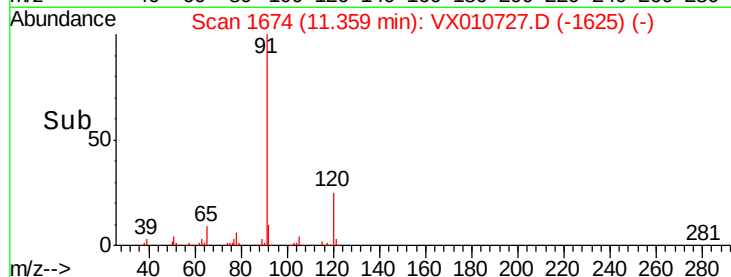
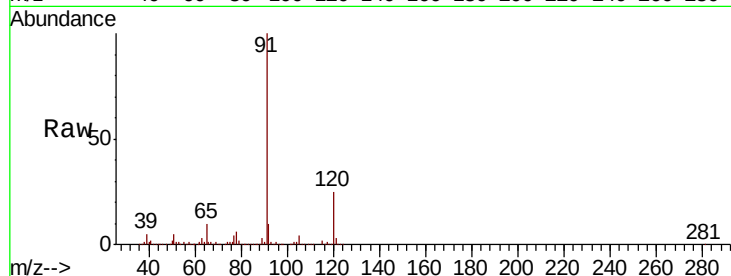
SS038MW013-190703

Tot Ion: 91 Resp: 93088

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4



#79

2-Chlorotoluene

Concen: 0.408 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010727.D

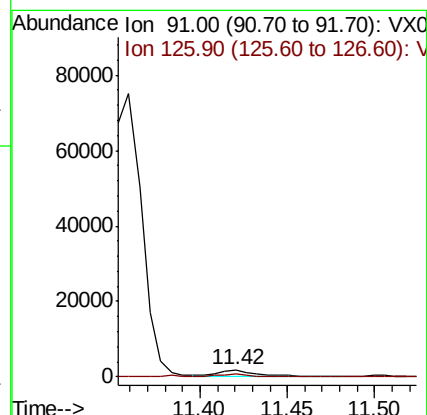
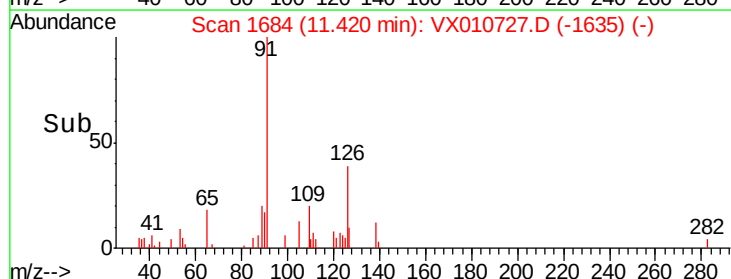
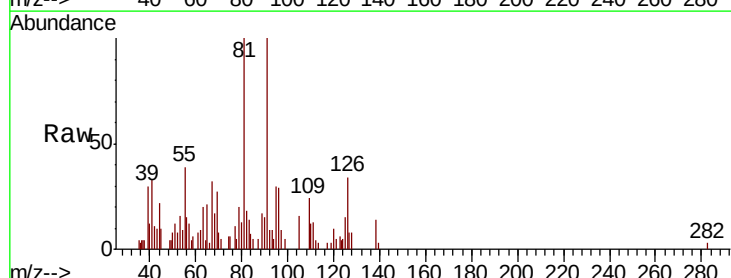
Acq: 09 Jul 2019 04:16

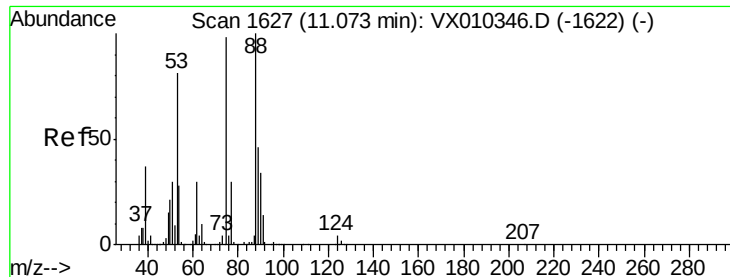
Tgt Ion: 91 Resp: 2925

Ion Ratio Lower Upper

91 100

126 29.3 18.7 56.1





#81

trans-1,4-Dichloro-2-butene

Concen: 56.623 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190703

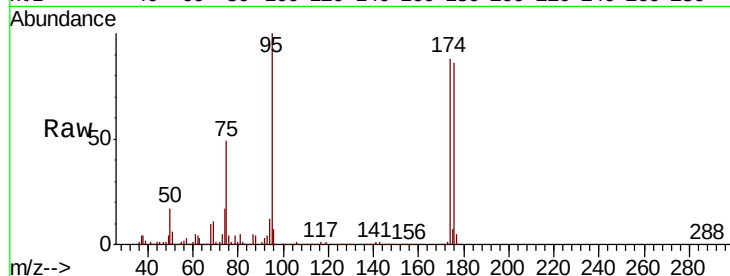
Tot Ion: 75 Resp: 71405

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

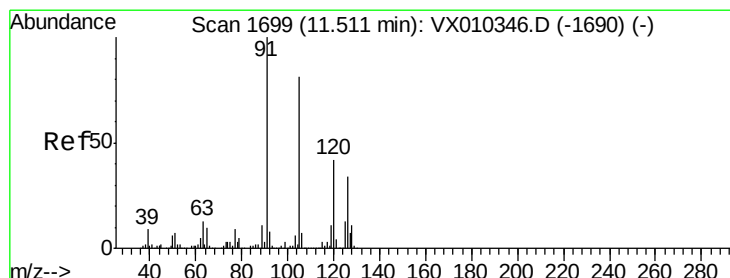
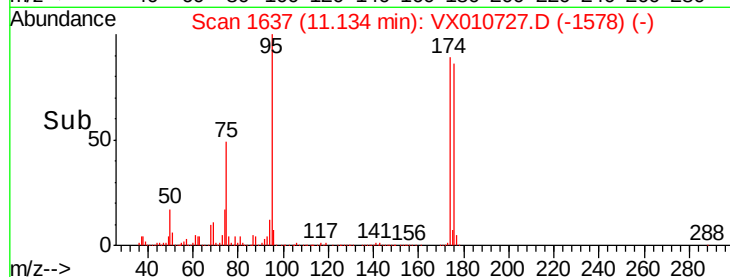
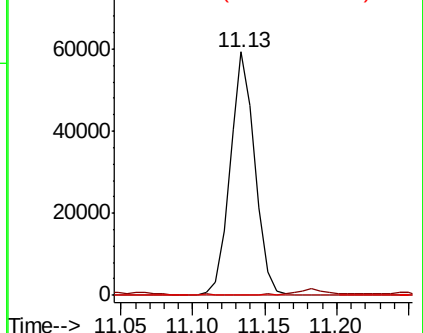
89 0.1 37.8 56.6#



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: 0.359 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.09 min

Lab File: VX010727.D

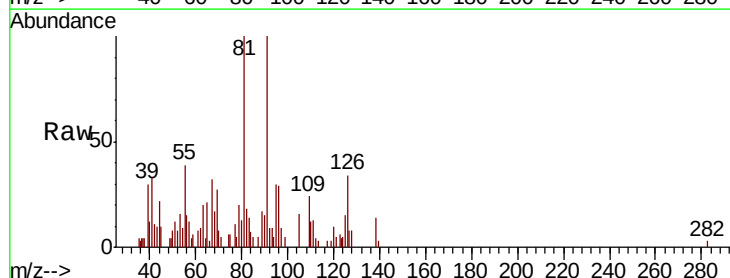
Acq: 09 Jul 2019 04:16

Tgt Ion: 91 Resp: 2925

Ion Ratio Lower Upper

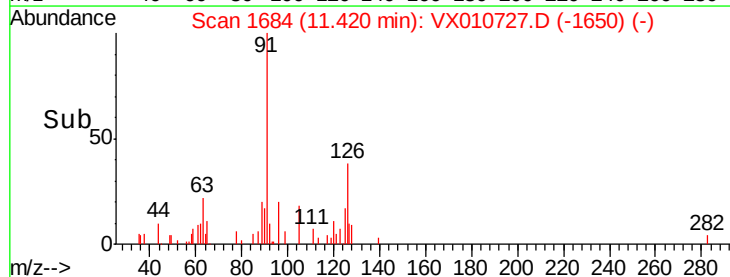
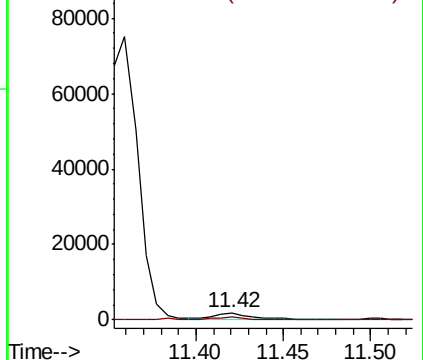
91 100

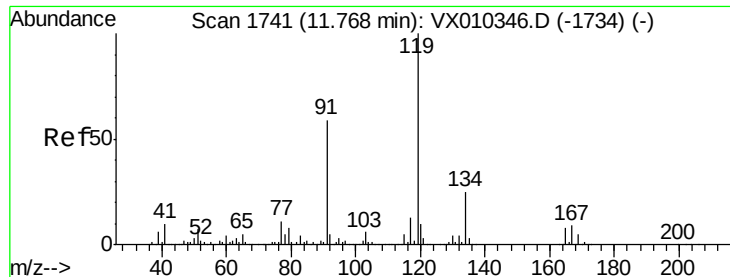
126 29.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

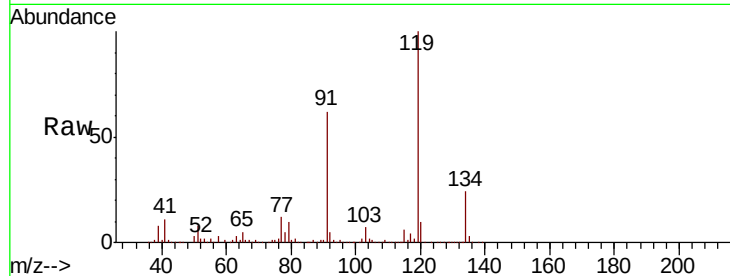




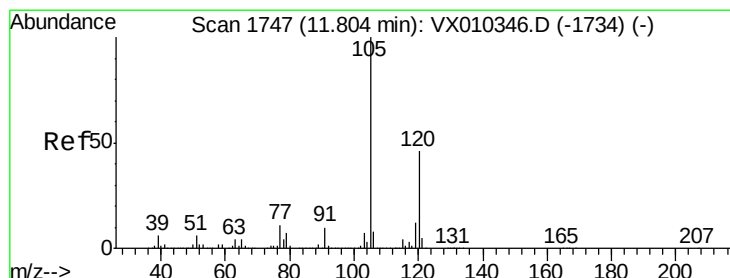
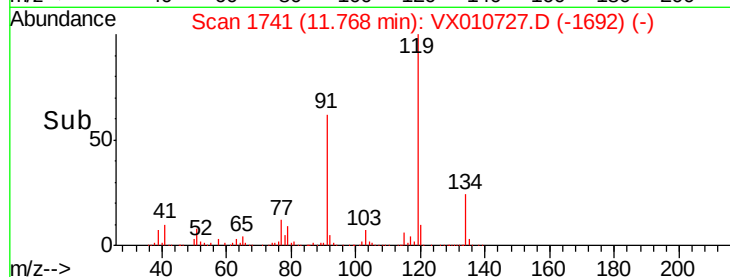
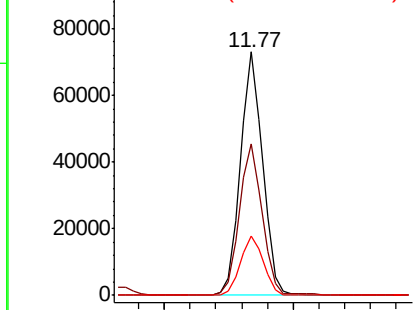
#83
 tert-Butylbenzene
 Concen: 9.620 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010727.D
 Acq: 09 Jul 2019 04:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW013-190703

Tot Ion:119 Resp: 87109
 Ion Ratio Lower Upper
 119 100
 91 63.3 27.6 82.7
 134 25.3 11.8 35.4

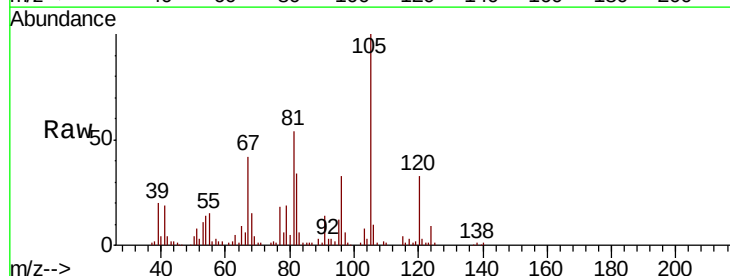


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

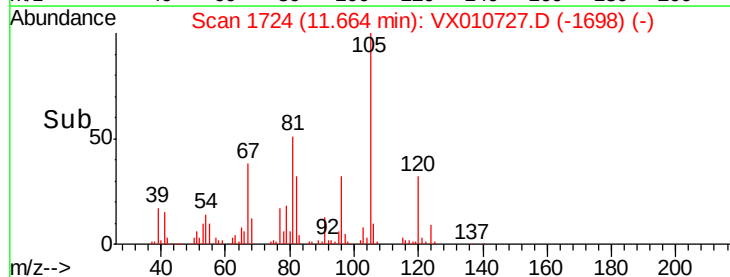
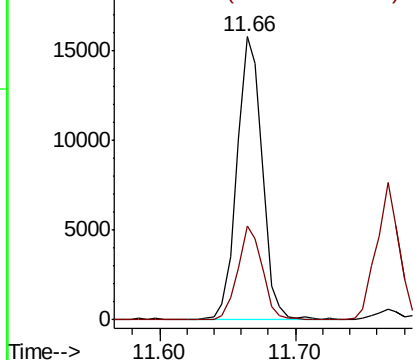


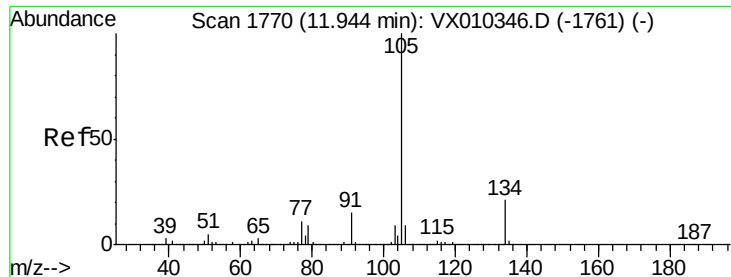
#84
 1,2,4-Trimethylbenzene
 Concen: 2.249 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. -0.14 min
 Lab File: VX010727.D
 Acq: 09 Jul 2019 04:16

Tgt Ion:105 Resp: 20383
 Ion Ratio Lower Upper
 105 100
 120 32.1 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 17.495 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

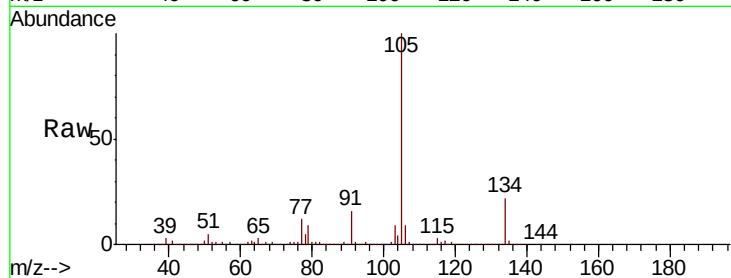
SS038MW013-190703

Tot Ion:105 Resp: 186008

Ion Ratio Lower Upper

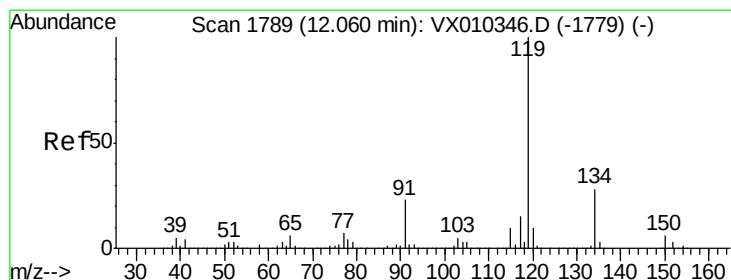
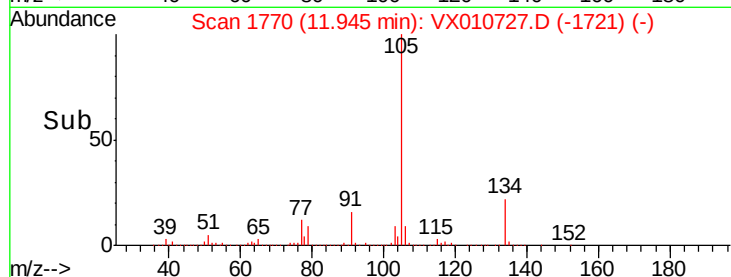
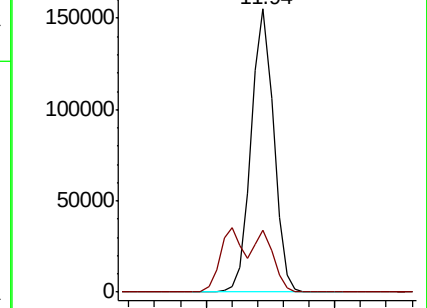
105 100

134 18.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 39.865 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

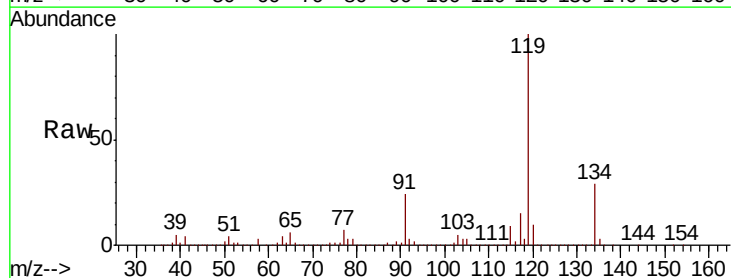
Tgt Ion:119 Resp: 392036

Ion Ratio Lower Upper

119 100

134 28.9 13.7 41.1

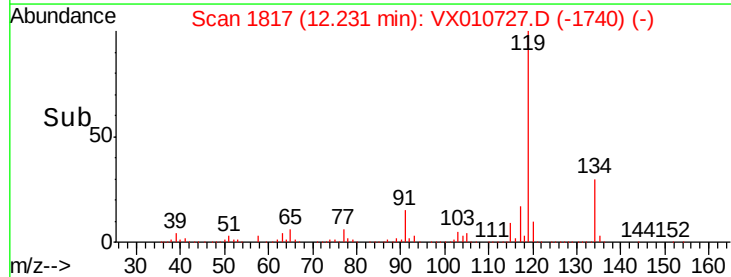
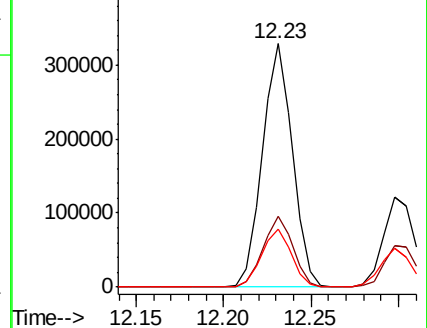
91 23.5 11.3 33.8

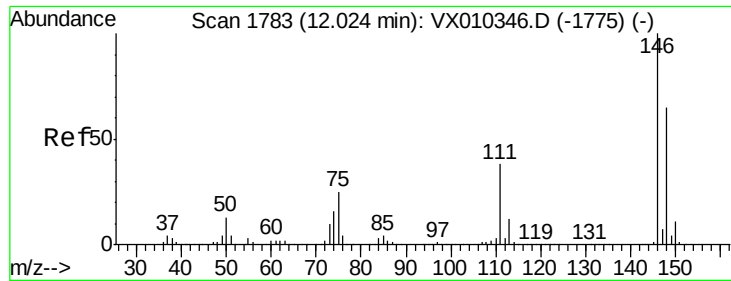


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

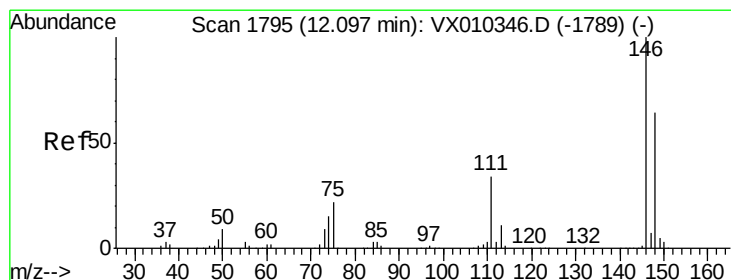
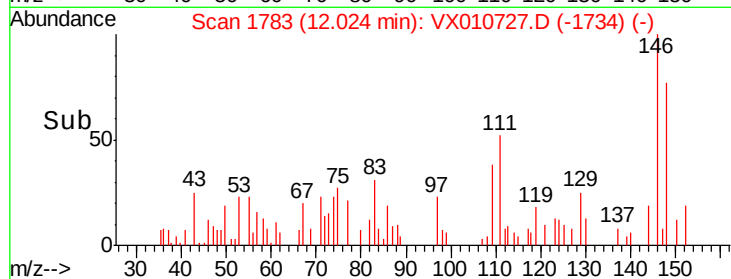
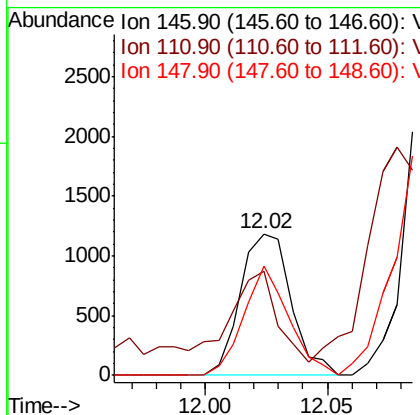
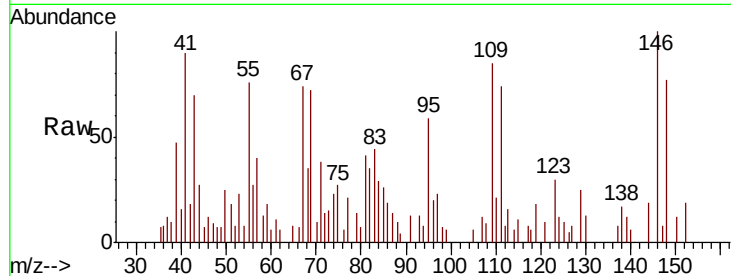




#87
 1,3-Dichlorobenzene
 Concen: 0.320 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010727.D
 Acq: 09 Jul 2019 04:16

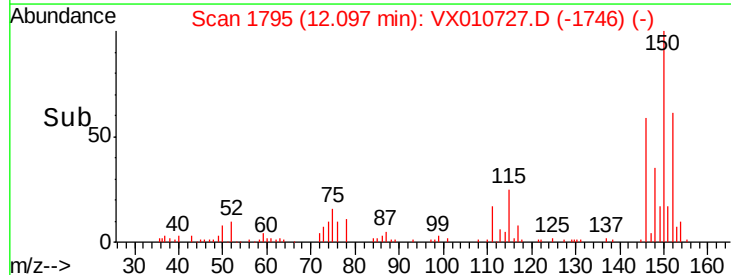
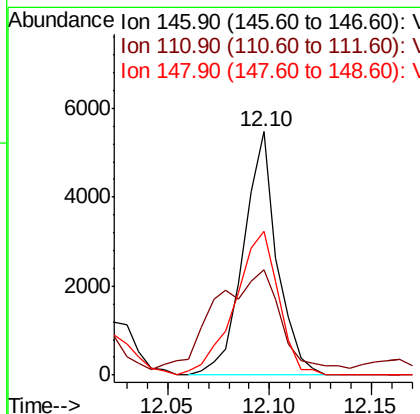
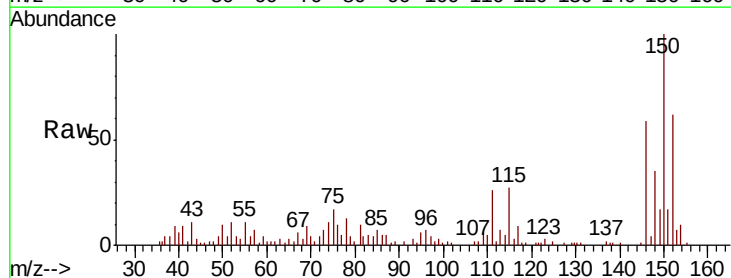
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW013-190703

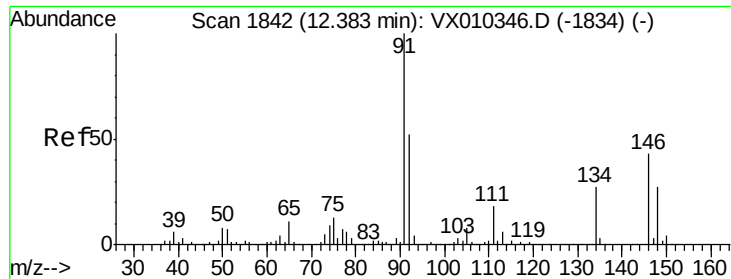
Tot Ion:146 Resp: 1708
 Ion Ratio Lower Upper
 146 100
 111 58.8 19.1 57.1#
 148 68.3 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 1.152 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010727.D
 Acq: 09 Jul 2019 04:16

Tgt Ion:146 Resp: 6257
 Ion Ratio Lower Upper
 146 100
 111 82.0 18.1 54.3#
 148 76.4 32.1 96.3

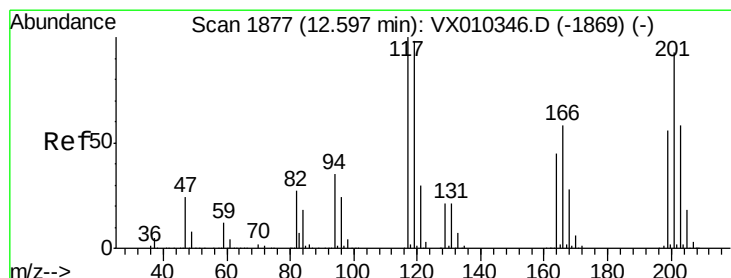
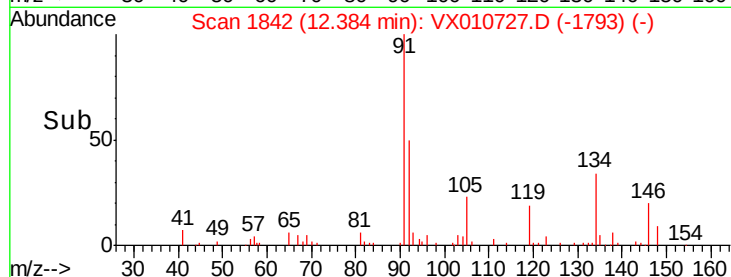
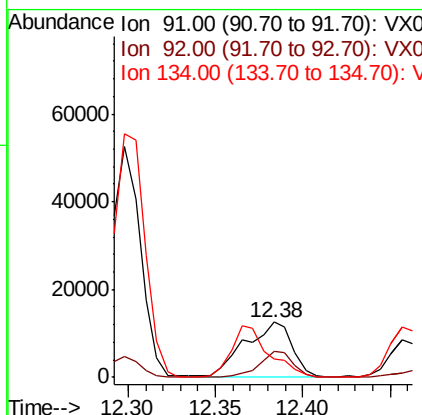
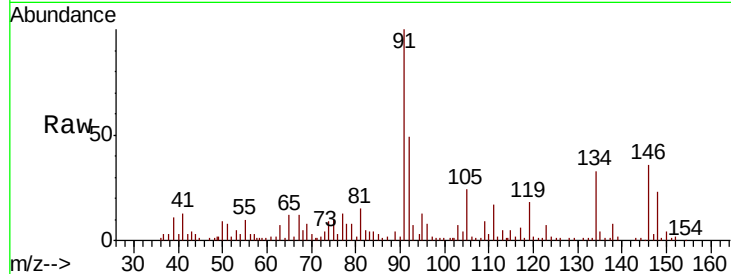




#89
n-Butylbenzene
Concen: 2.807 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

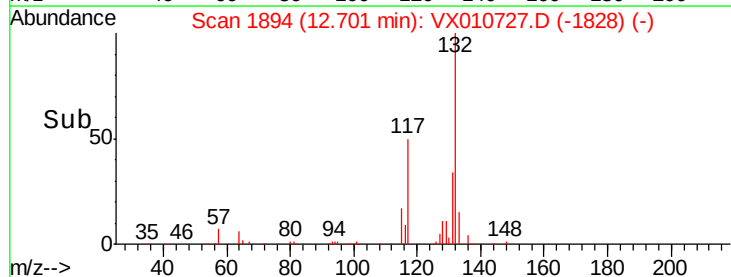
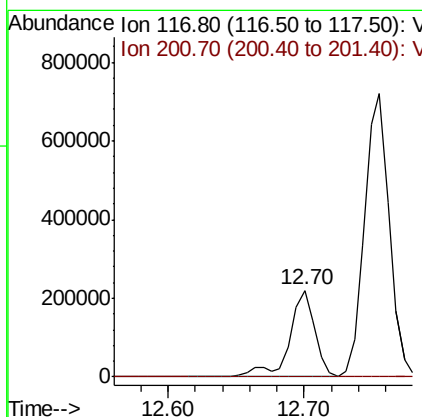
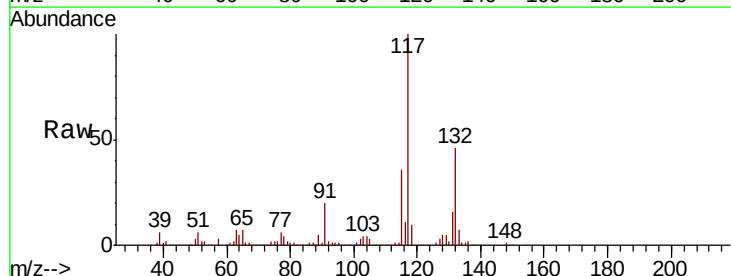
Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703

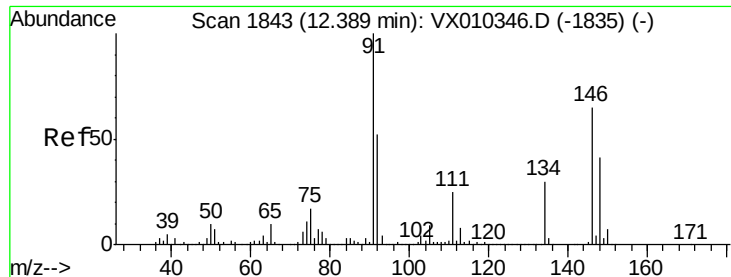
Tot Ion: 91 Resp: 23457
Ion Ratio Lower Upper
91 100
92 35.4 26.2 78.5
134 75.4 14.1 42.4#



#90
Hexachloroethane
Concen: 168.702 ug/l
RT: 12.70 min Scan# 1894
Delta R.T. 0.10 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Tgt Ion: 117 Resp: 286871
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#91

1,2-Dichlorobenzene

Concen: 1.436 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190703

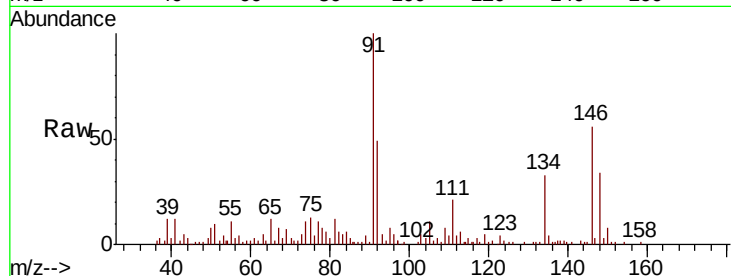
Tot Ion:146 Resp: 7615

Ion Ratio Lower Upper

146 100

111 43.9 19.2 57.6

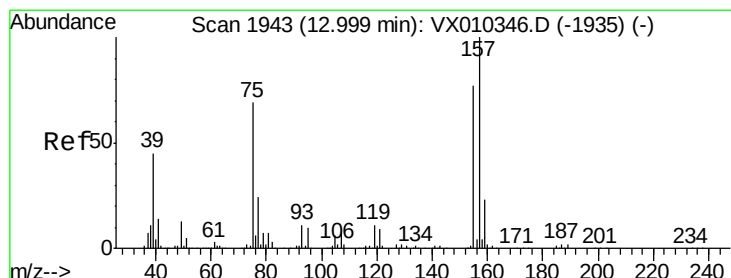
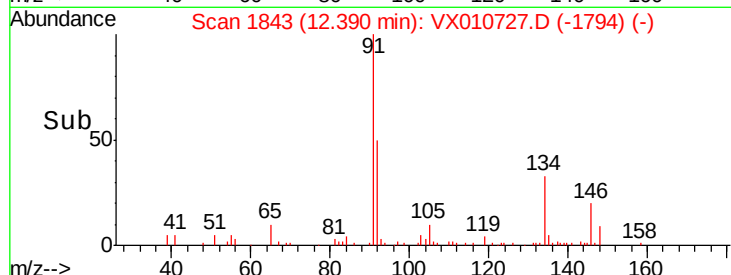
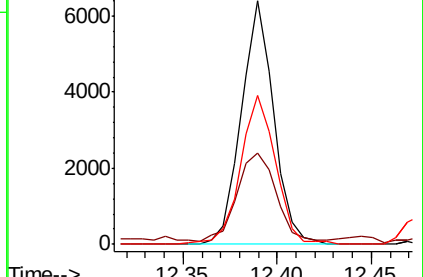
148 66.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.821 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010727.D

Acq: 09 Jul 2019 04:16

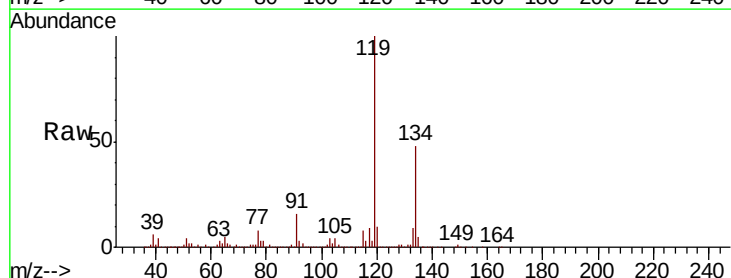
Tgt Ion: 75 Resp: 2204

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

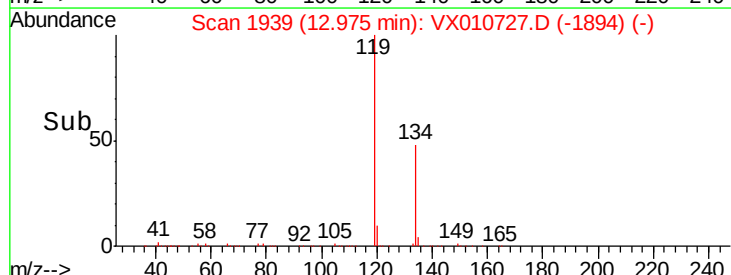
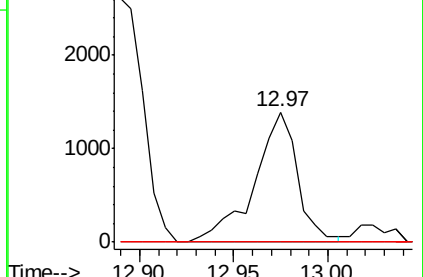
157 0.0 69.5 208.3#

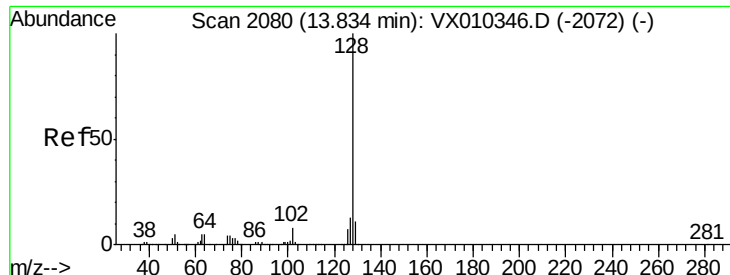


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

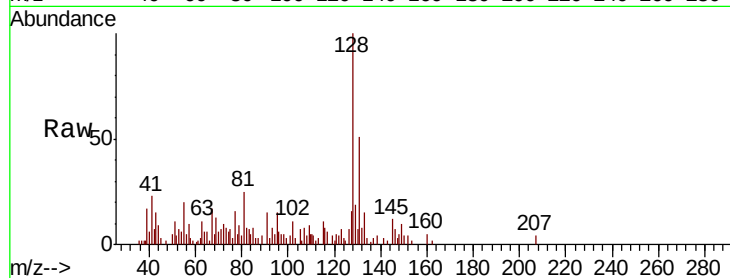




#95
Naphthalene
Concen: 0.650 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010727.D
Acq: 09 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	21.0	8.9	13.3#



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

