

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010748.D
 Acq On : 09 Jul 2019 14:14
 Operator : JC/SP
 Sample : K3669-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190701

Quant Time: Jul 10 02:10:30 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	223638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154658	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	113057	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
35) Dibromofluoromethane	5.50	113	107247	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	8.71	98	418192	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.13	95	145054	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	938	0.518	ug/l #	80
4) Vinyl Chloride	1.41	62	5391	2.719	ug/l #	78
5) Bromomethane	1.64	94	561	0.581	ug/l #	57
6) Chloroethane	1.87	64	986	0.843	ug/l #	75
10) Methyl Iodide	2.51	142	751	0.276	ug/l #	74
11) Tert butyl alcohol	3.02	59	1164	2.121	ug/l #	30
13) Acrolein	2.31	56	203	0.558	ug/l #	14
15) Acrylonitrile	3.15	53	285	0.262	ug/l #	48
16) Acetone	2.45	43	4144	3.943	ug/l #	94
17) Carbon Disulfide	2.57	76	2264	0.435	ug/l #	88
20) Methylene Chloride	2.85	84	632	0.292	ug/l #	73
21) trans-1,2-Dichloroethene	3.17	96	556	0.267	ug/l #	92
25) 2-Butanone	4.70	43	460	0.298	ug/l #	46
27) cis-1,2-Dichloroethene	4.60	96	15075	6.257	ug/l #	93
31) Cyclohexane	5.59	56	859	0.284	ug/l #	82
38) Carbon Tetrachloride	5.66	117	20021	6.729	ug/l #	17
39) Methylcyclohexane	7.46	83	3298	0.913	ug/l #	63
40) Benzene	6.15	78	3912	0.457	ug/l #	91
44) Trichloroethene	7.23	130	601	0.235	ug/l #	94
49) 1,4-Dioxane	7.63	88	23	0.367	ug/l #	1
52) Toluene	8.78	92	1362	0.242	ug/l #	87
55) 1,1,2-Trichloroethane	9.16	97	1883	0.810	ug/l #	21
65) Chlorobenzene	10.14	112	1148788	175.535	ug/l #	99
73) Isopropylbenzene	11.02	105	12335	1.177	ug/l #	95
74) N-ethyl acetate	10.94	43	1464	0.370	ug/l #	41
76) 1,2,3-Trichloropropane	11.13	75	70475	25.006	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	70475	58.337	ug/l #	16
83) tert-Butylbenzene	11.77	119	29892	3.446	ug/l #	89
85) sec-Butylbenzene	11.94	105	28597	2.808	ug/l #	94
86) p-Isopropyltoluene	12.23	119	119743	12.710	ug/l #	97
87) 1,3-Dichlorobenzene	12.02	146	1931	0.378	ug/l #	82
88) 1,4-Dichlorobenzene	12.10	146	3675	0.706	ug/l #	51
89) n-Butylbenzene	12.38	91	2875	0.359	ug/l #	56
90) Hexachloroethane	12.70	117	26740	16.415	ug/l #	5

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Quant Time: Jul 10 02:10:30 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

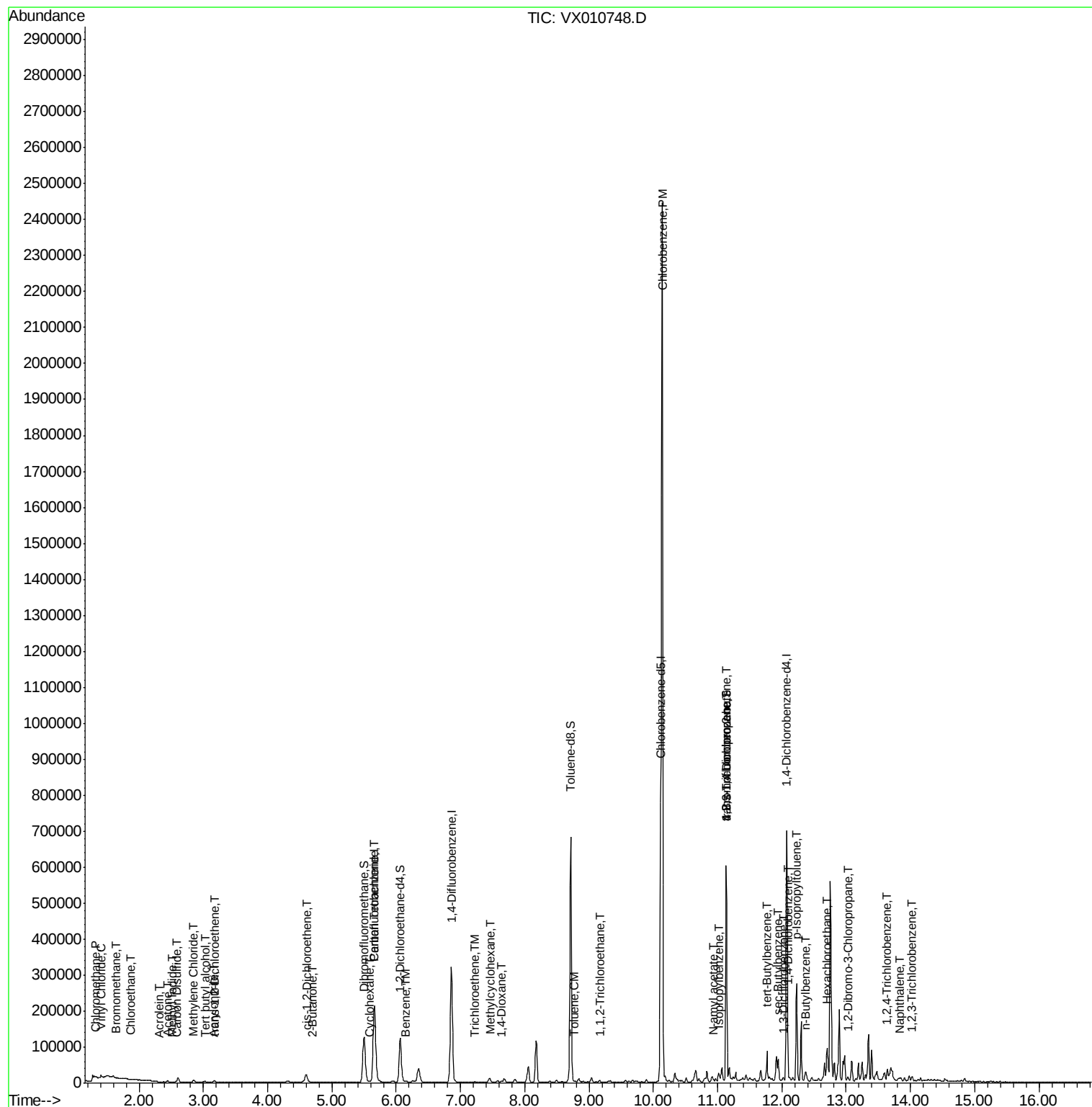
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	236	0.315	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	916	0.260	ug/l #	1
95) Naphthalene	13.83	128	3466	0.320	ug/l #	87
96) 1,2,3-Trichlorobenzene	14.02	180	771	0.220	ug/l #	1

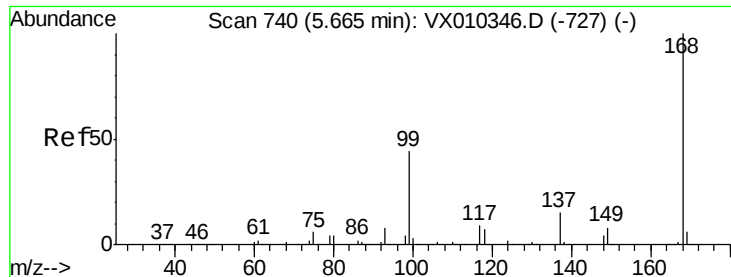
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

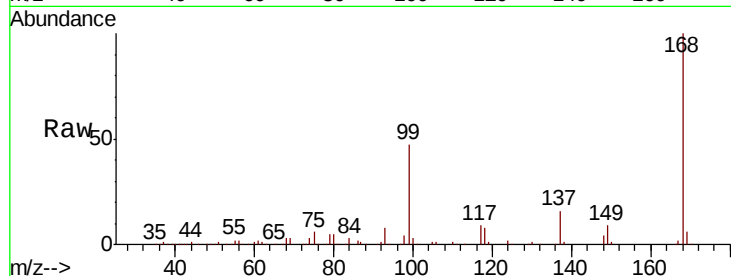
SS037MW036-190701

Tot Ion:168 Resp: 223638

Ion Ratio Lower Upper

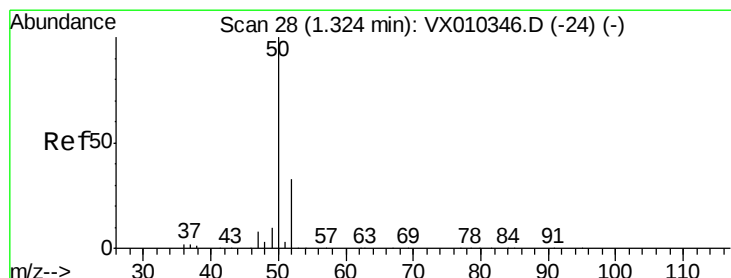
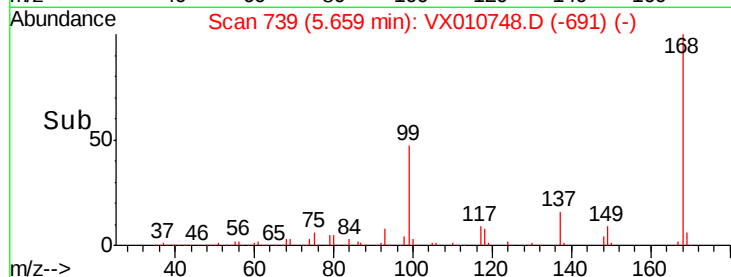
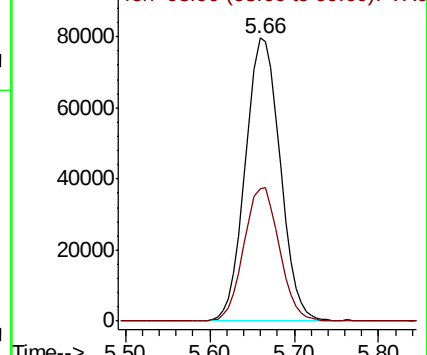
168 100

99 47.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.518 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010748.D

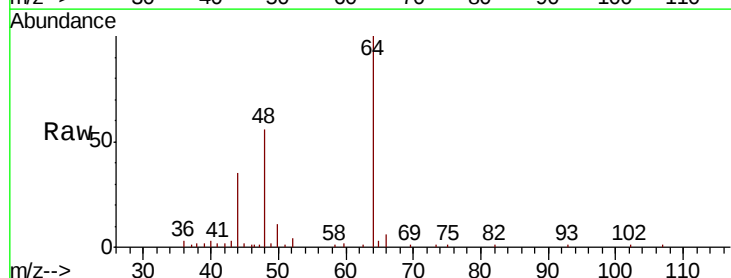
Acq: 09 Jul 2019 14:14

Tgt Ion: 50 Resp: 938

Ion Ratio Lower Upper

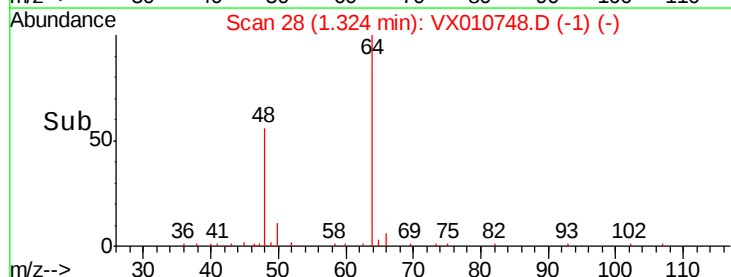
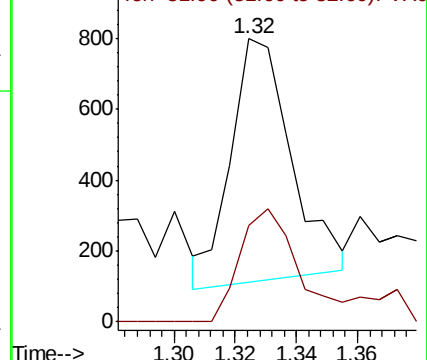
50 100

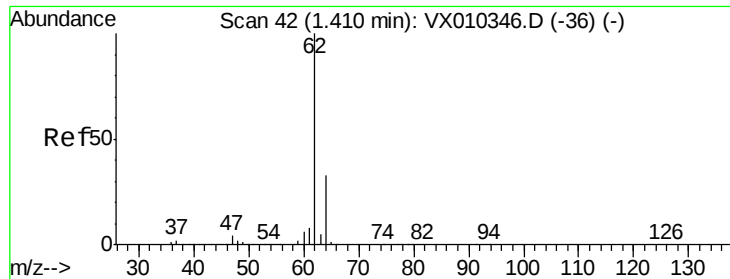
52 44.3 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.719 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

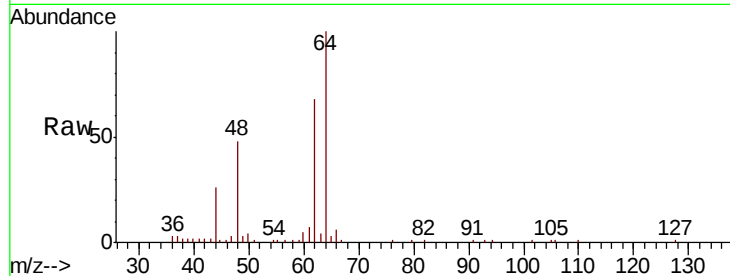
SS037MW036-190701

Tot Ion: 62 Resp: 5391

Ion Ratio Lower Upper

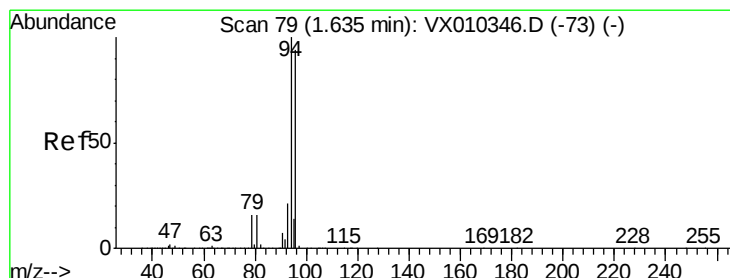
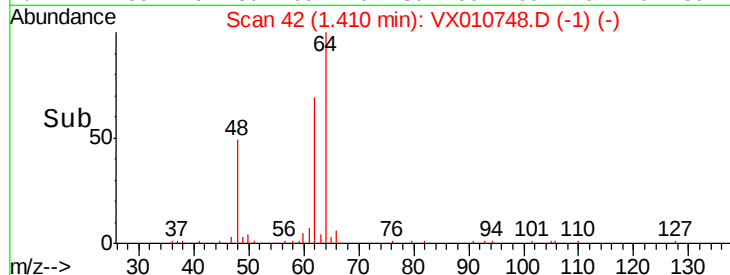
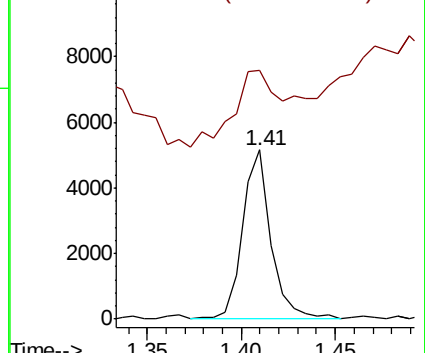
62 100

64 45.3 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: 0.581 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010748.D

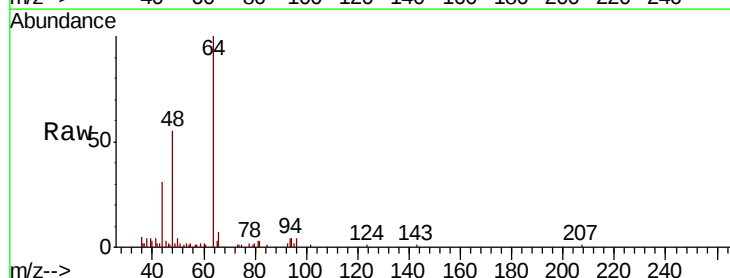
Acq: 09 Jul 2019 14:14

Tgt Ion: 94 Resp: 561

Ion Ratio Lower Upper

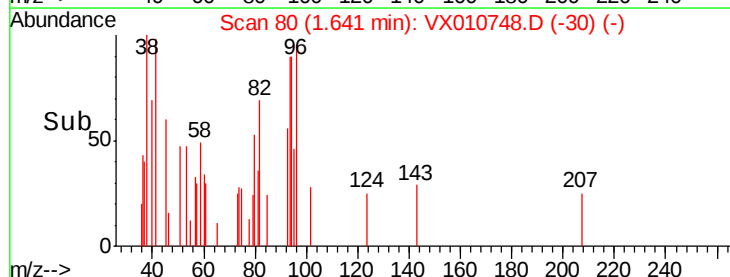
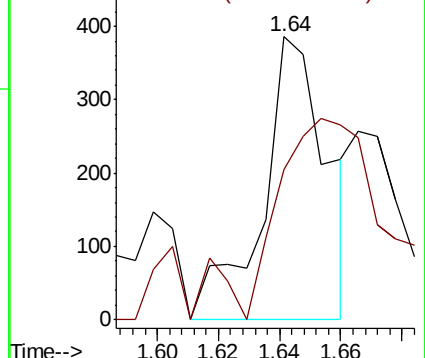
94 100

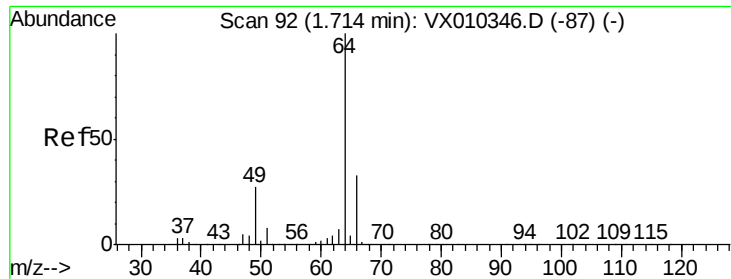
96 53.1 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.843 ug/l

RT: 1.87 min Scan# 118

Delta R.T. 0.16 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

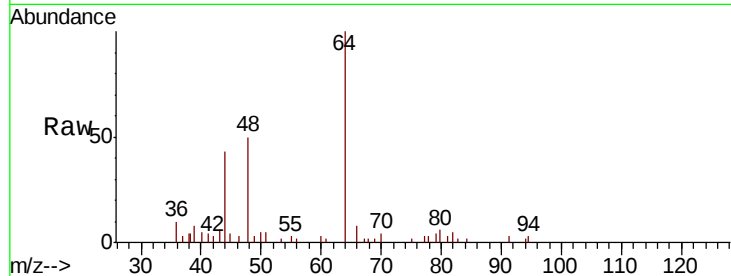
SS037MW036-190701

Tot Ion: 64 Resp: 986

Ion Ratio Lower Upper

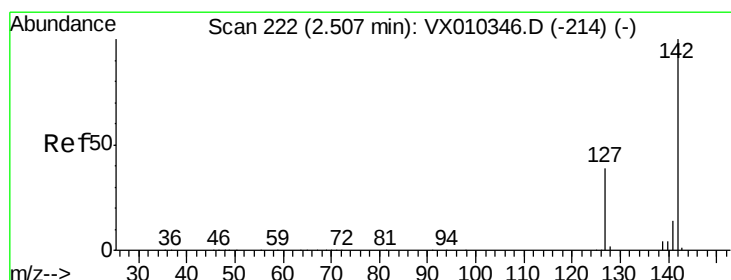
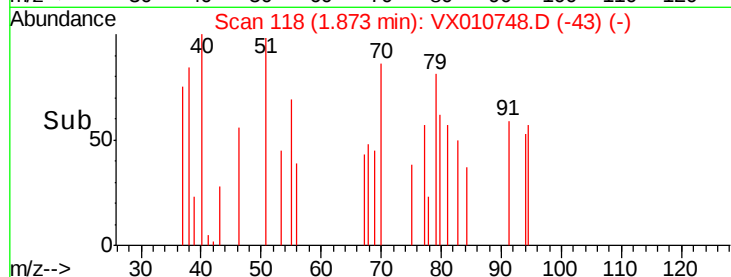
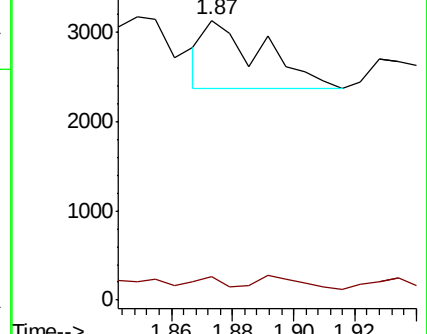
64 100

66 19.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 0.276 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

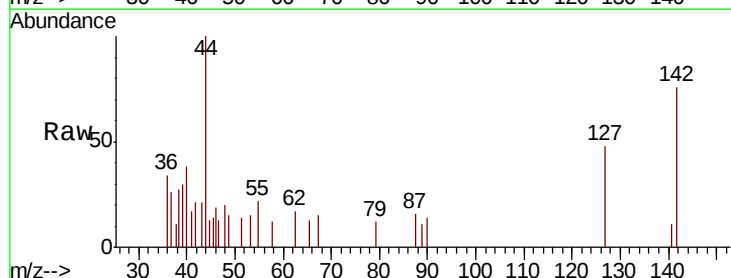
Tgt Ion: 142 Resp: 751

Ion Ratio Lower Upper

142 100

127 53.1 31.1 46.7#

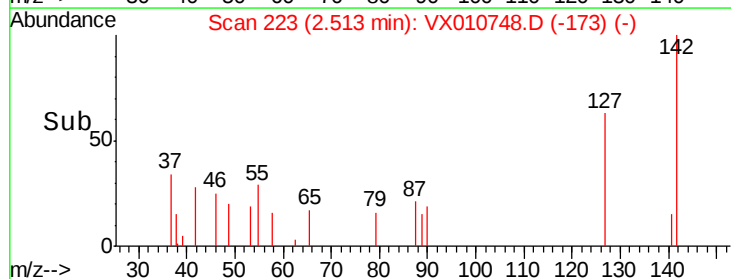
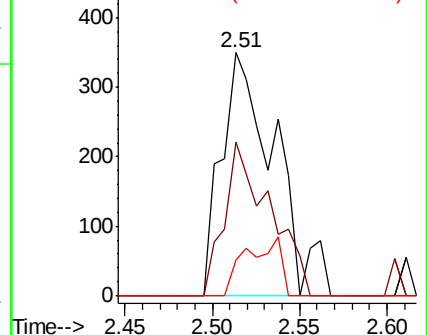
141 0.0 11.2 16.8#

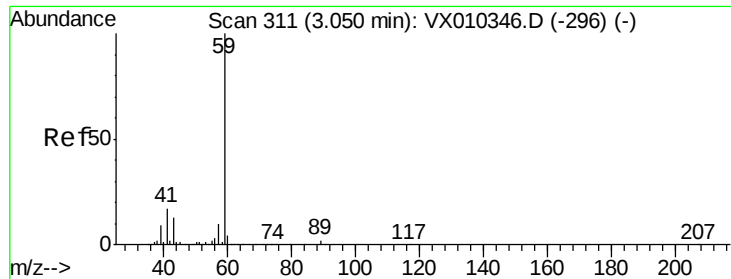


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



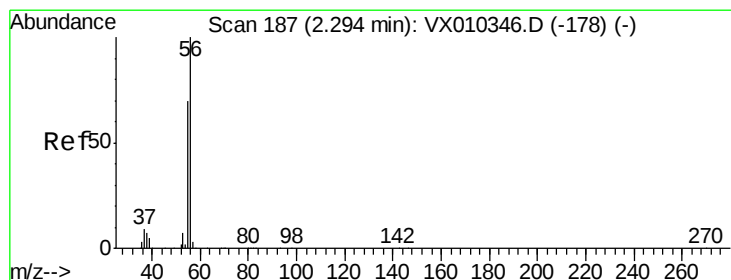
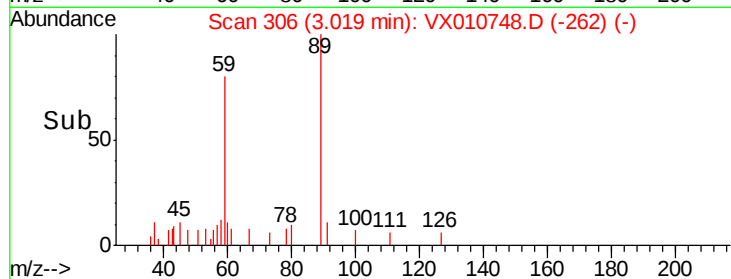
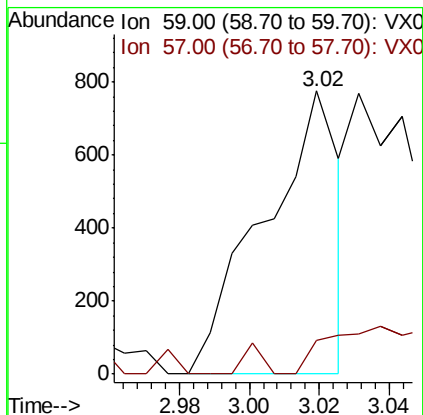
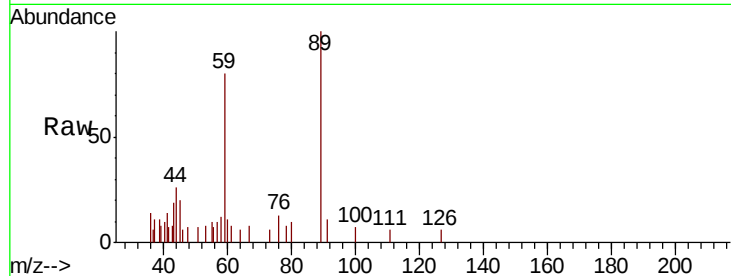


#11

Tert butyl alcohol
 Concen: 2.121 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010748.D
 Acq: 09 Jul 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190701

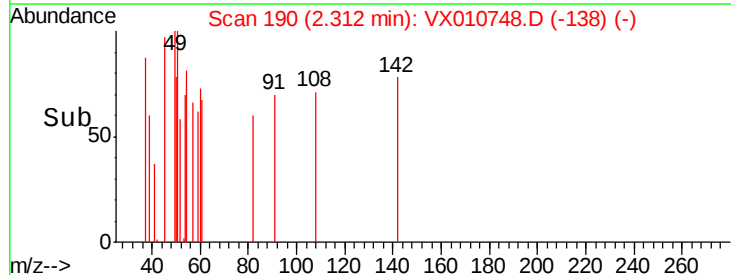
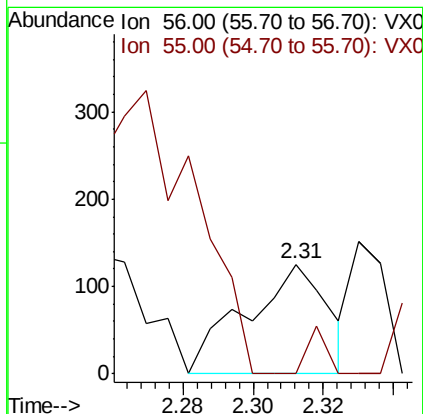
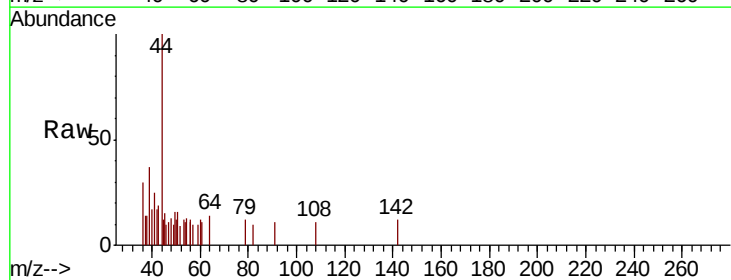
Tot Ion: 59 Resp: 1164
 Ion Ratio Lower Upper
 59 100
 57 35.1 7.7 11.5#

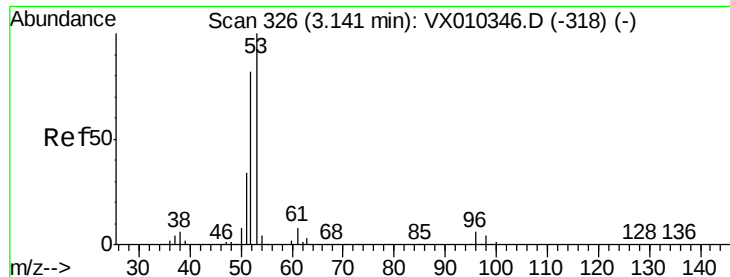


#13

Acrolein
 Concen: 0.558 ug/l
 RT: 2.31 min Scan# 190
 Delta R.T. 0.02 min
 Lab File: VX010748.D
 Acq: 09 Jul 2019 14:14

Tgt Ion: 56 Resp: 203
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#

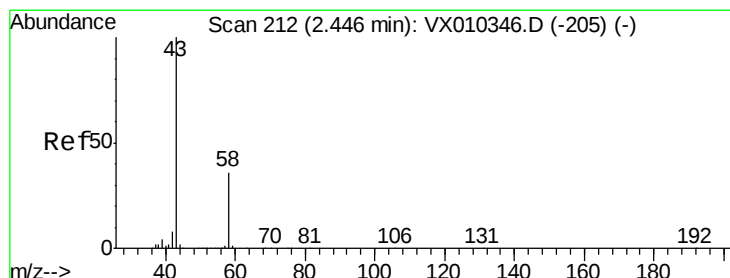
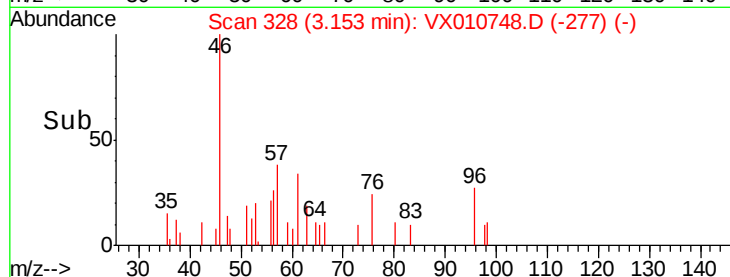
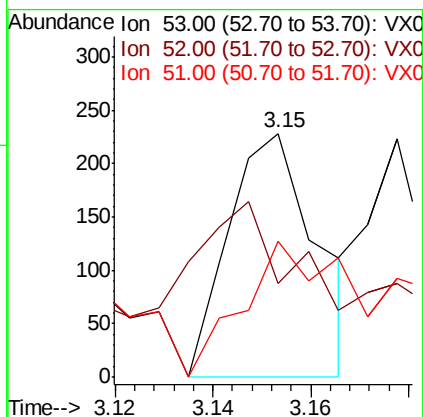
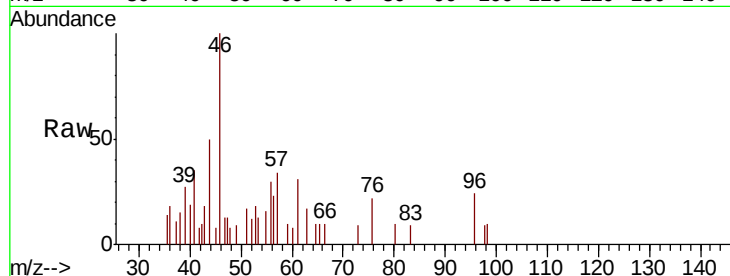




#15
Acrylonitrile
Concen: 0.262 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

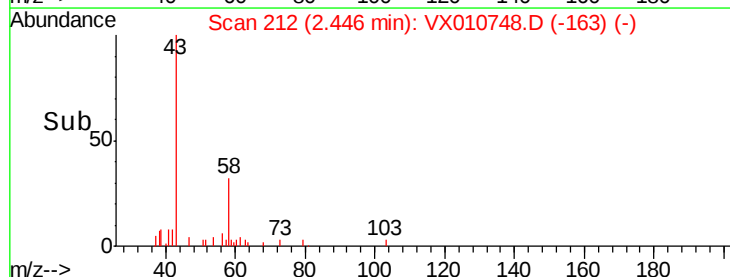
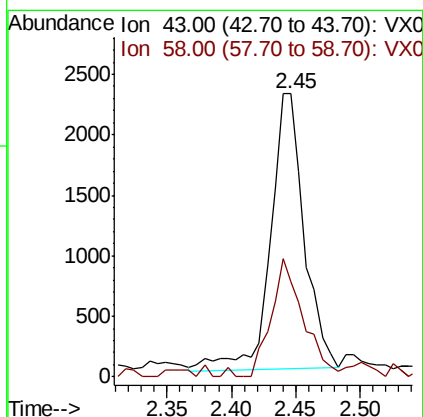
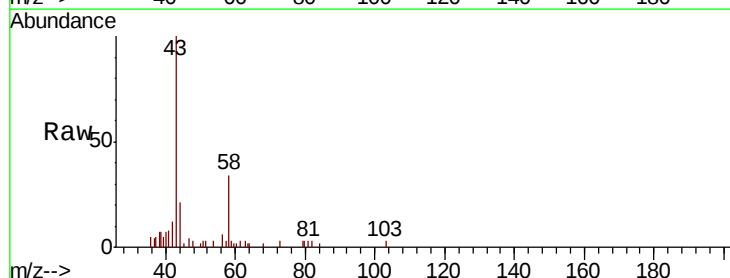
Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190701

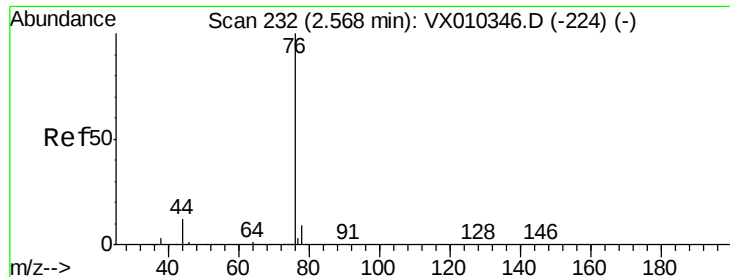
Tot Ion: 53 Resp: 285
Ion Ratio Lower Upper
53 100
52 129.1 65.5 98.3#
51 64.6 28.2 42.4#



#16
Acetone
Concen: 3.943 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

Tgt Ion: 43 Resp: 4144
Ion Ratio Lower Upper
43 100
58 32.5 28.9 43.3





#17

Carbon Disulfide

Concen: 0.435 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

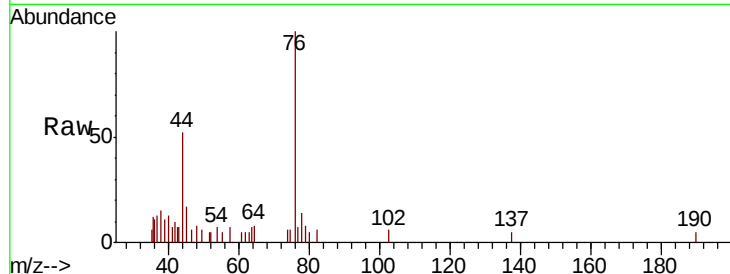
SS037MW036-190701

Tot Ion: 76 Resp: 2264

Ion Ratio Lower Upper

76 100

78 13.6 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

1200

1000

800

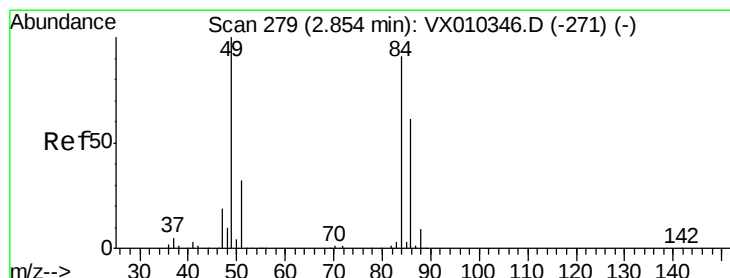
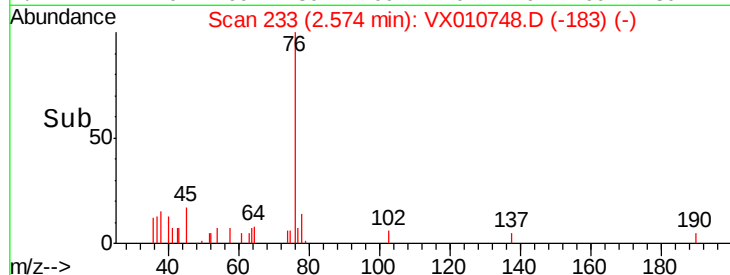
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 0.292 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Tgt Ion: 84 Resp: 632

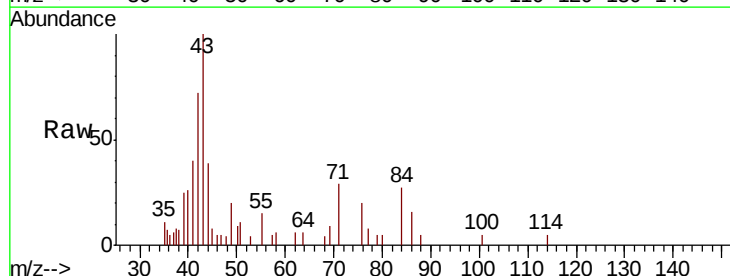
Ion Ratio Lower Upper

84 100

49 71.8 87.5 131.3#

51 19.6 27.7 41.5#

86 57.3 53.4 80.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

500

400

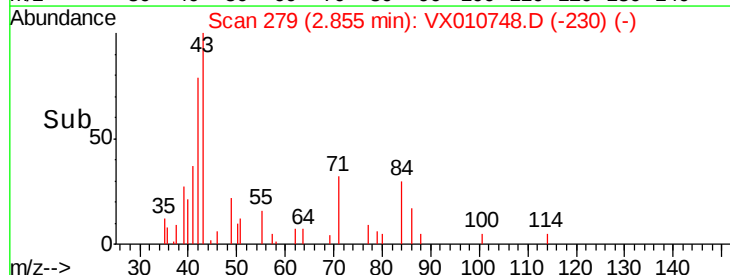
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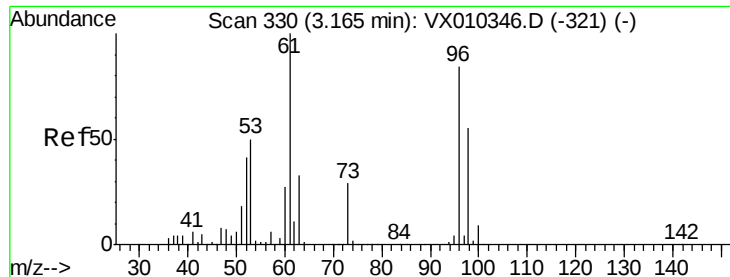
200

100

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.267 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

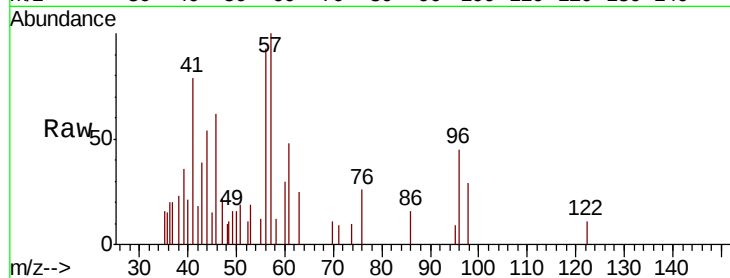
Tot Ion: 96 Resp: 556

Ion Ratio Lower Upper

96 100

61 106.5 95.6 143.4

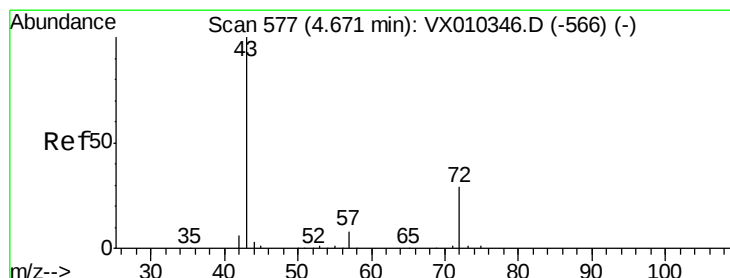
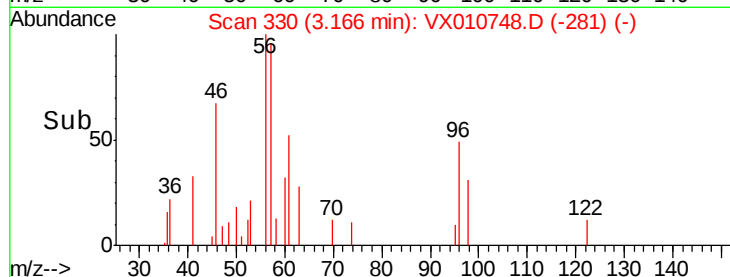
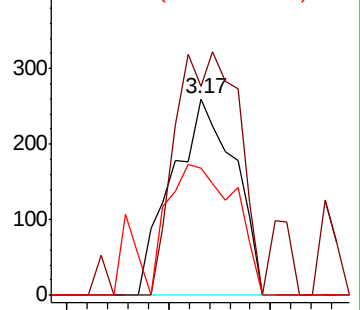
98 64.6 52.5 78.7



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



#25

2-Butanone

Concen: 0.298 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX010748.D

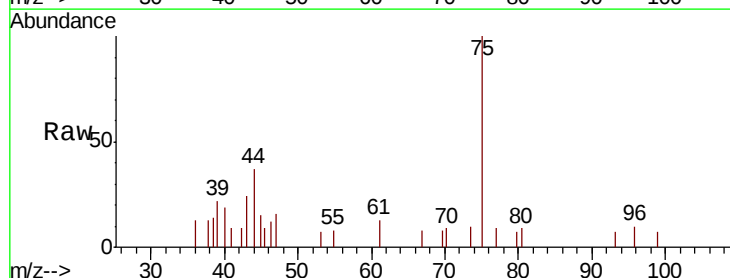
Acq: 09 Jul 2019 14:14

Tgt Ion: 43 Resp: 460

Ion Ratio Lower Upper

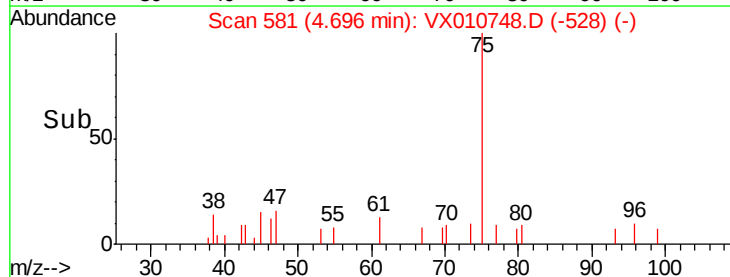
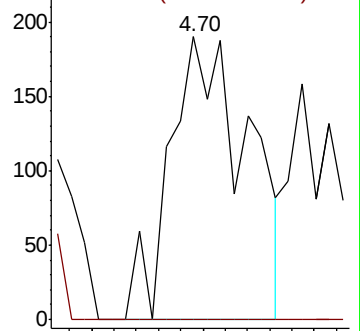
43 100

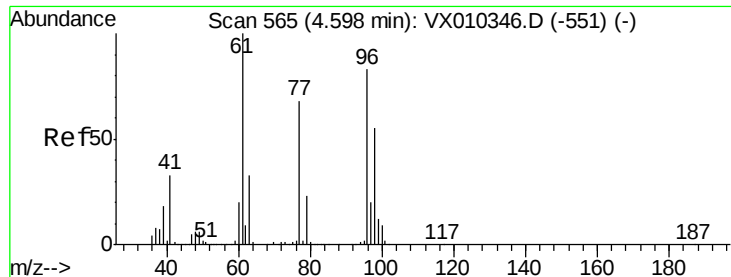
72 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



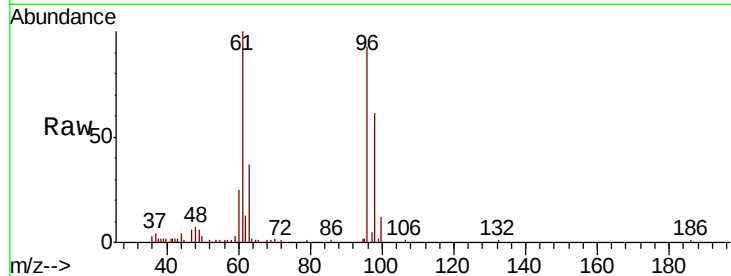


#27

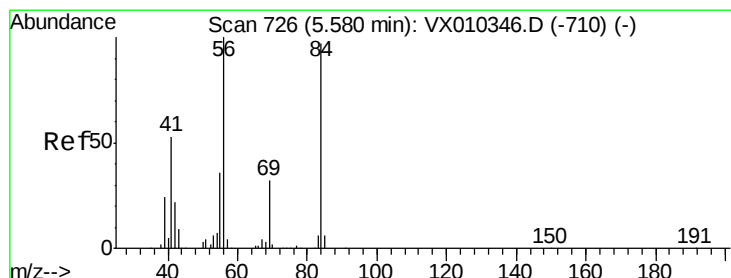
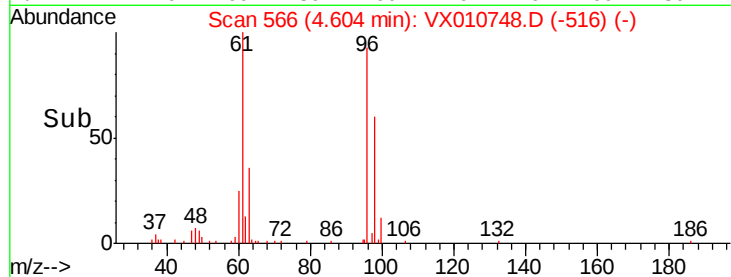
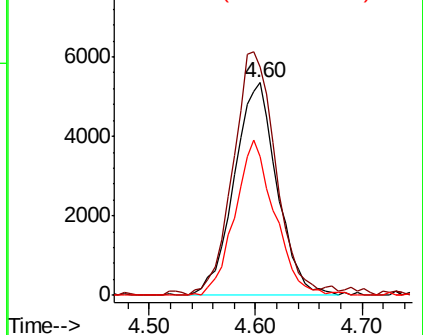
cis-1,2-Dichloroethene
Concen: 6.257 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190701

Tot Ion: 96 Resp: 15075
Ion Ratio Lower Upper
96 100
61 115.7 0.0 251.8
98 67.7 0.0 129.4



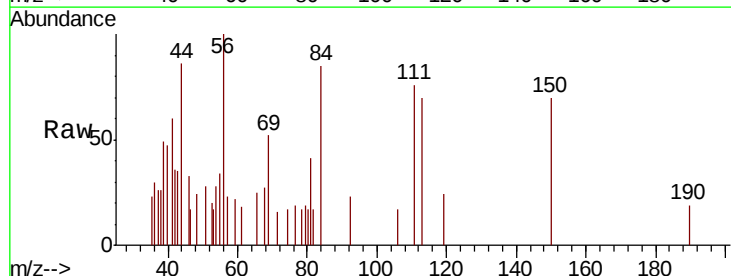
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



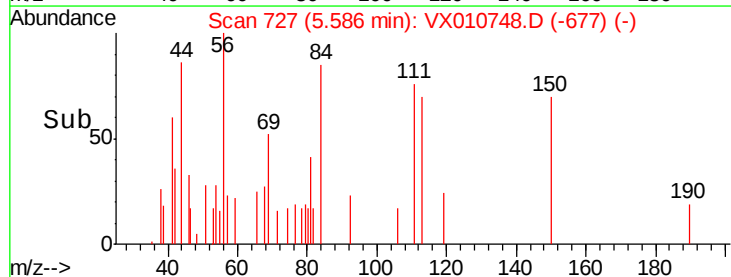
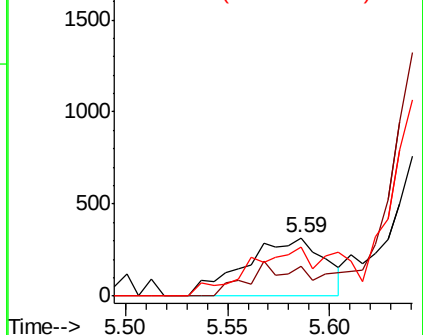
#31

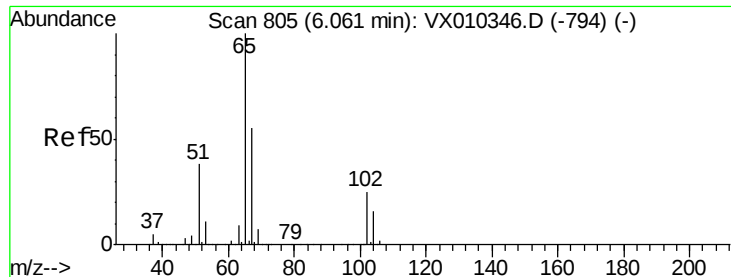
Cyclohexane
Concen: 0.284 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

Tgt Ion: 56 Resp: 859
Ion Ratio Lower Upper
56 100
69 51.9 25.9 38.9#
84 85.1 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.918 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

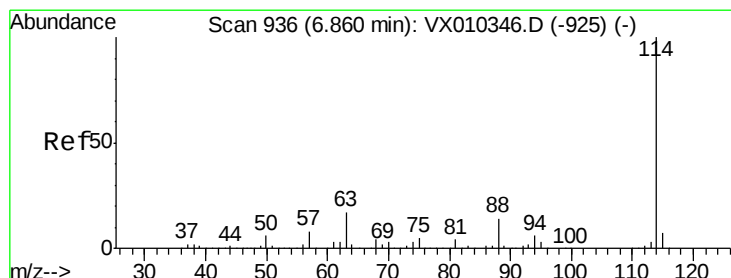
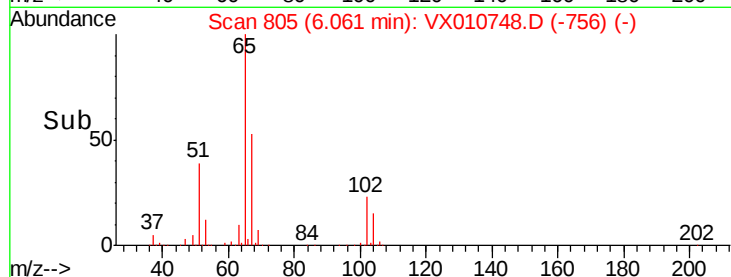
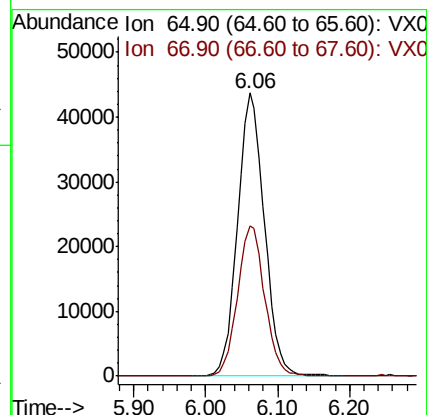
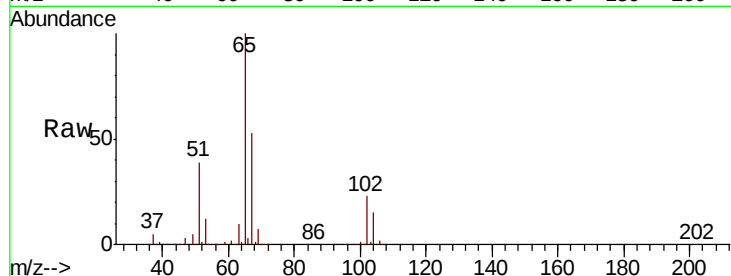
SS037MW036-190701

Tot Ion: 65 Resp: 113057

Ion Ratio Lower Upper

65 100

67 53.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

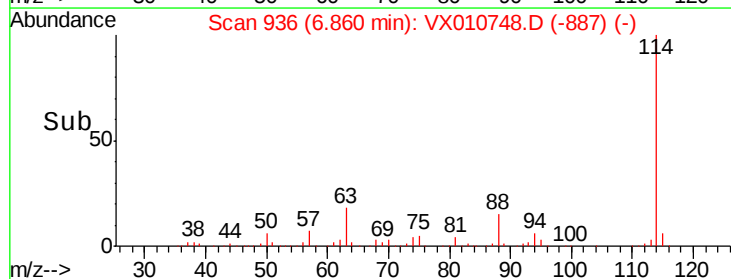
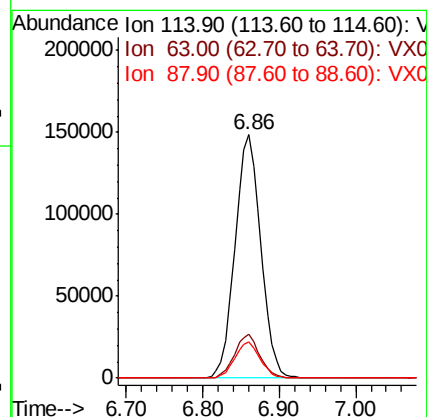
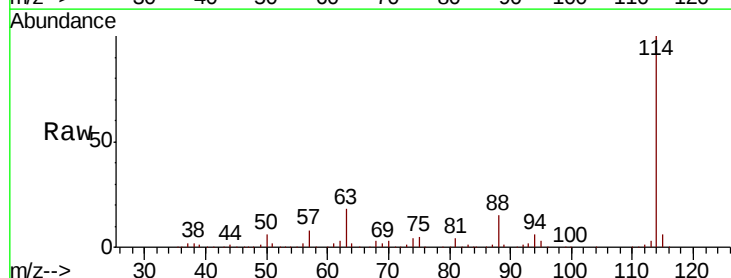
Tgt Ion: 114 Resp: 345750

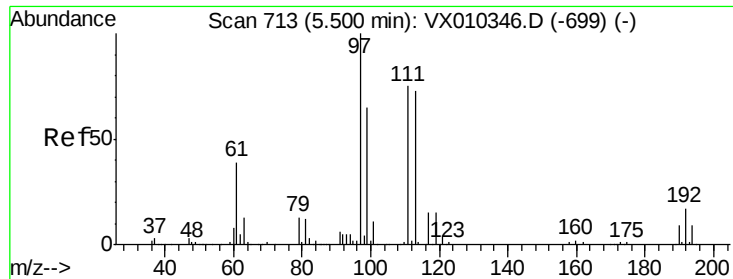
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.8

88 14.7 0.0 27.6

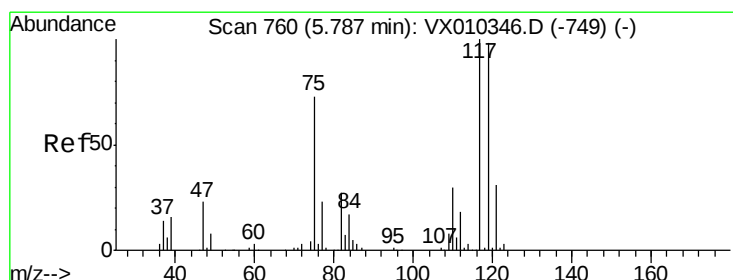
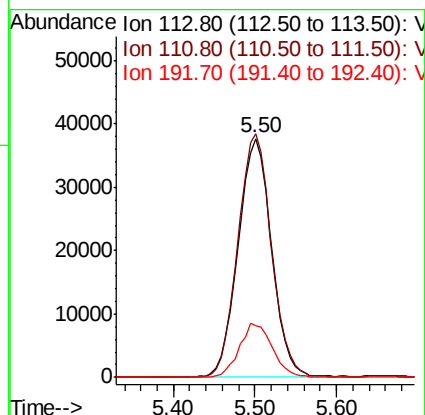
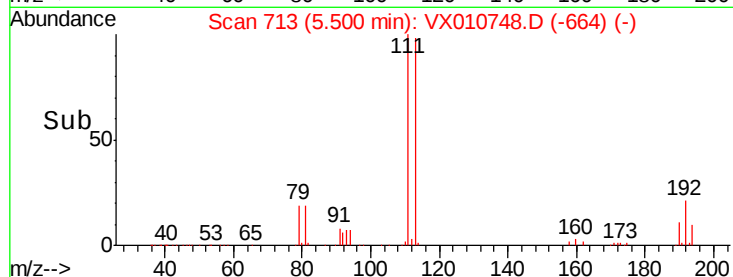
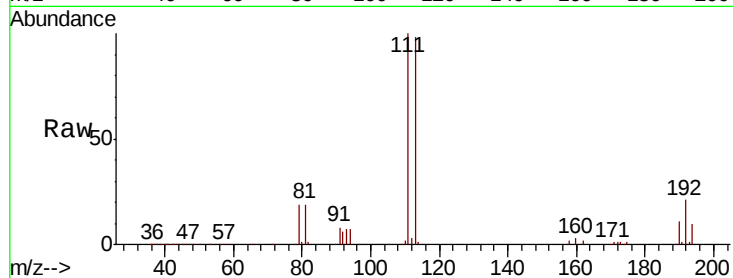




#35
Dibromofluoromethane
Concen: 50.698 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

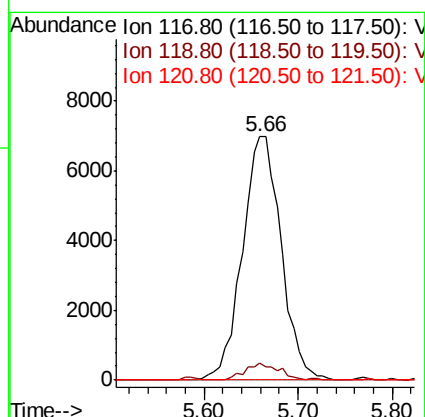
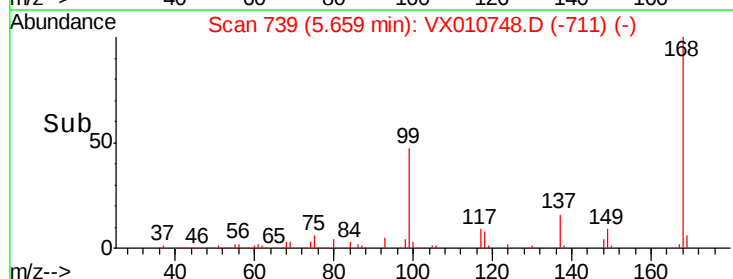
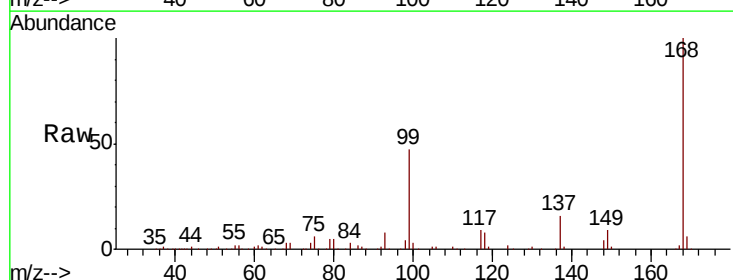
Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190701

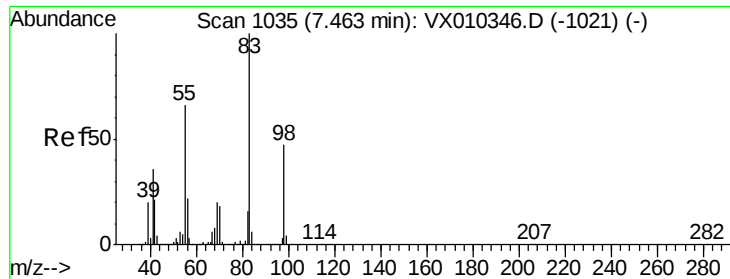
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.2	121.8
192	22.2	18.6	27.8



#38
Carbon Tetrachloride
Concen: 6.729 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.1	78.2	117.4#
121	0.0	24.7	37.1#

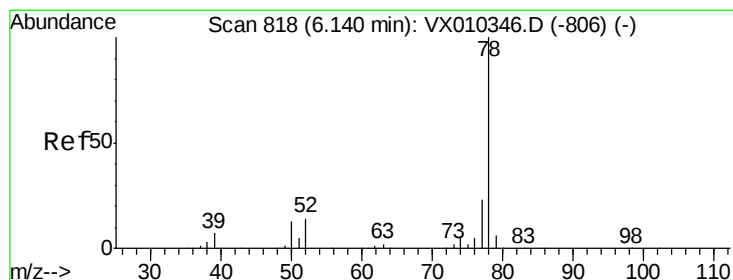
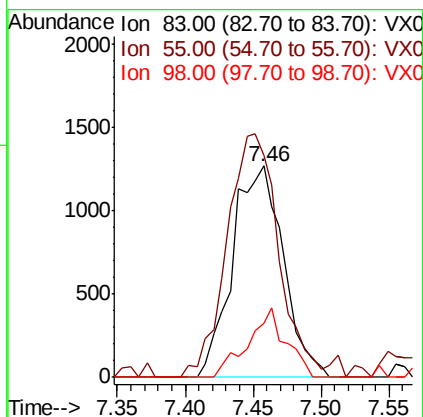
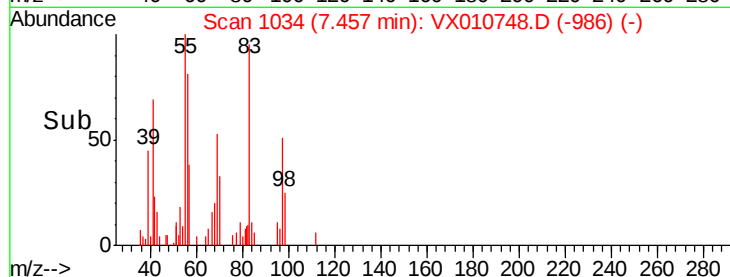
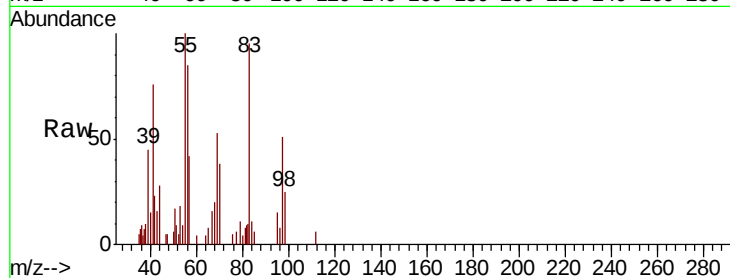




#39
Methvlcvclohexane
Concen: 0.913 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

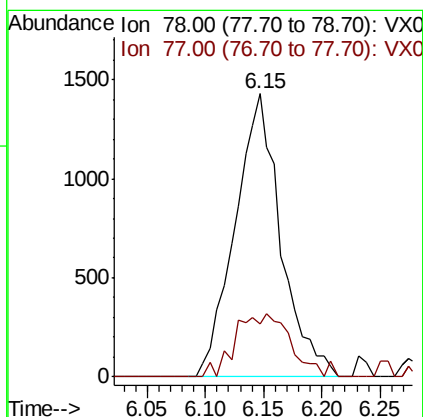
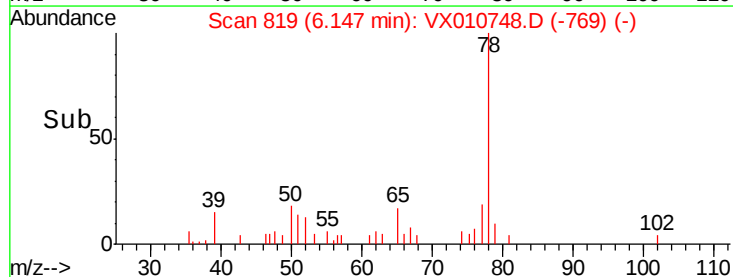
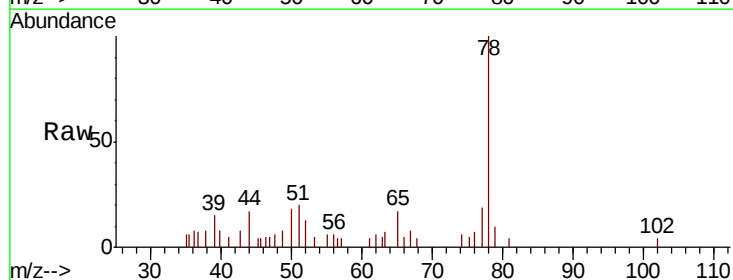
Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190701

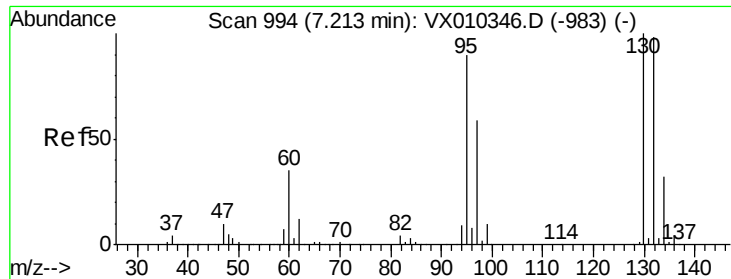
Tot Ion: 83 Resp: 3298
Ion Ratio Lower Upper
83 100
55 98.8 53.0 79.6#
98 25.9 37.8 56.8#



#40
Benzene
Concen: 0.457 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

Tgt Ion: 78 Resp: 3912
Ion Ratio Lower Upper
78 100
77 18.9 18.6 28.0





#44

Trichloroethene

Concen: 0.235 ug/l

RT: 7.23 min Scan# 996

Delta R.T. 0.01 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

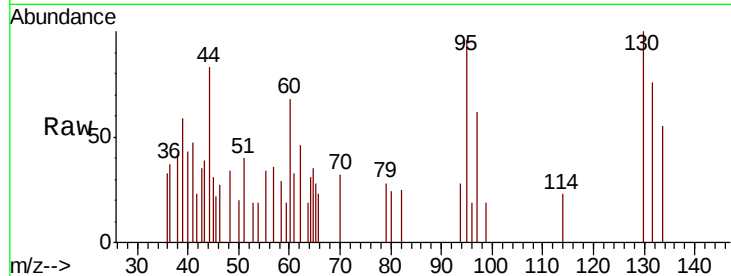
SS037MW036-190701

Tot Ion:130 Resp: 601

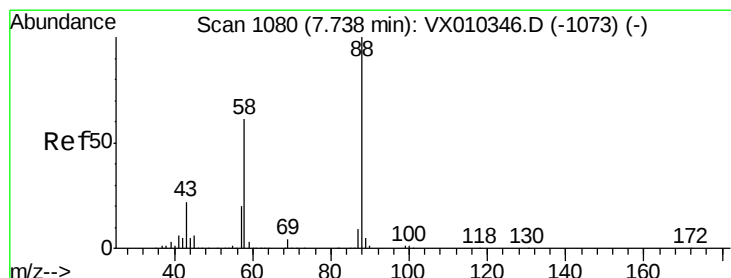
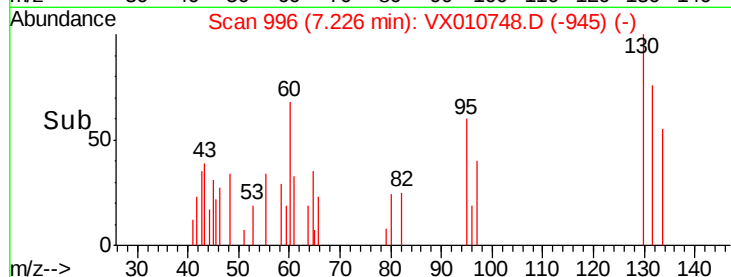
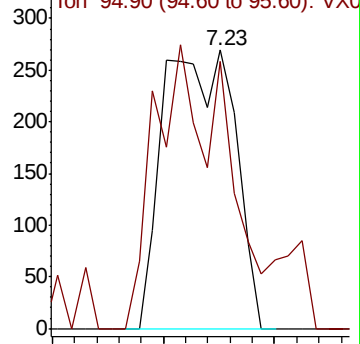
Ion Ratio Lower Upper

130 100

95 96.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V



#49

1,4-Dioxane

Concen: 0.367 ug/l

RT: 7.63 min Scan# 1063

Delta R.T. -0.10 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

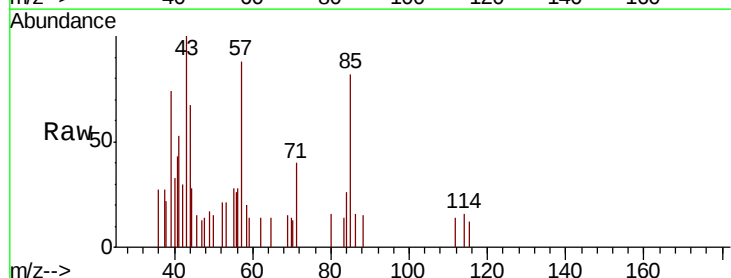
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 3652.2 20.2 30.2#

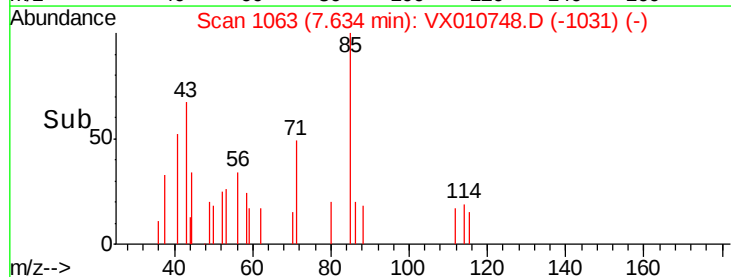
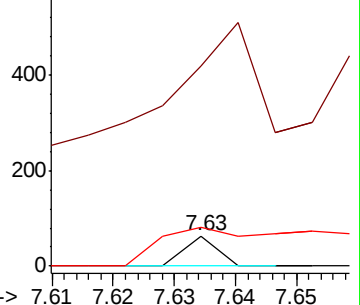
58 439.1 49.5 74.3#

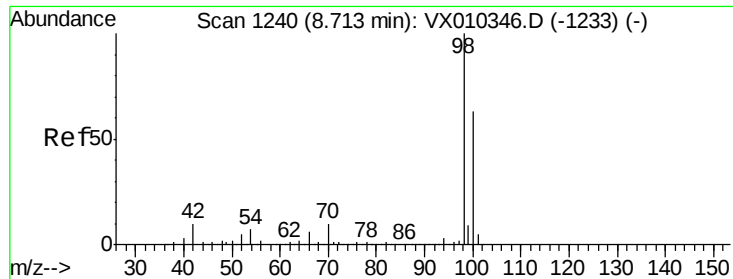


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.672 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

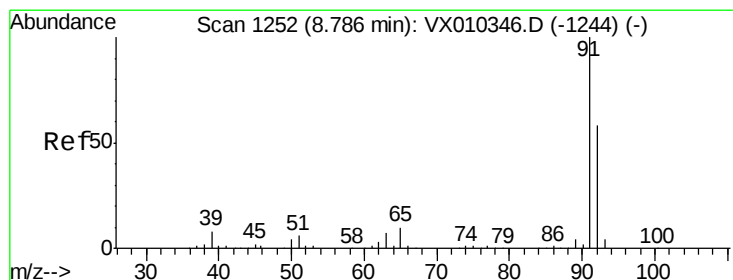
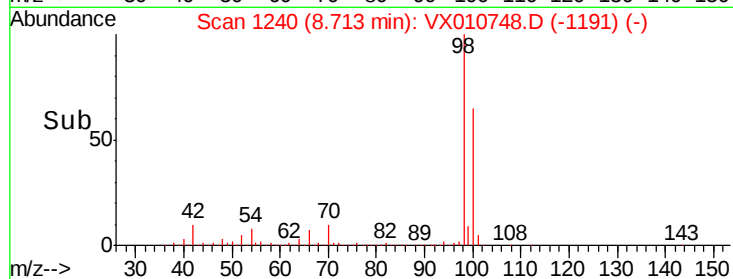
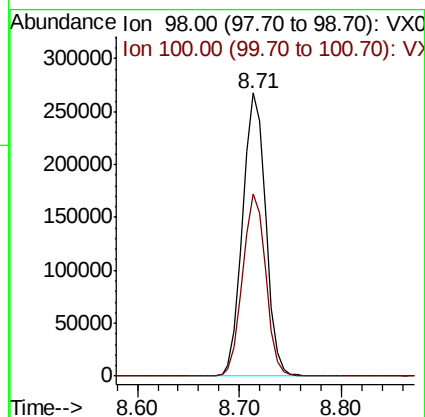
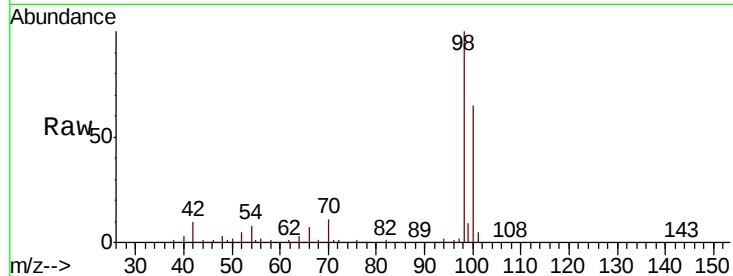
SS037MW036-190701

Tot Ion: 98 Resp: 418192

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#52

Toluene

Concen: 0.242 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010748.D

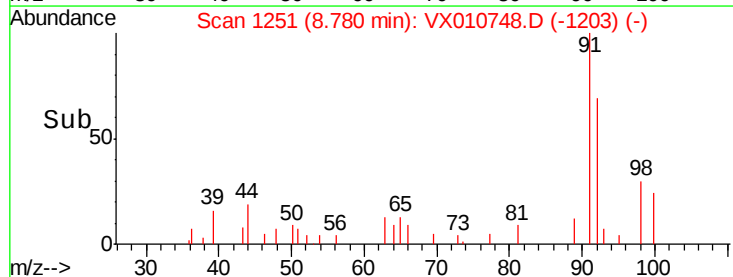
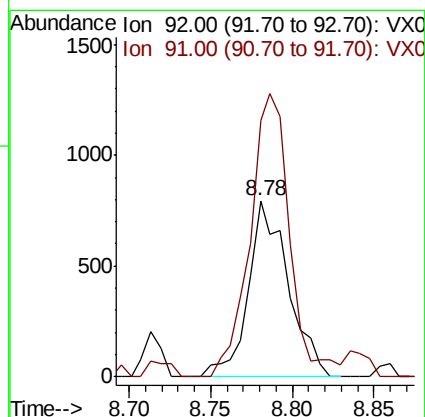
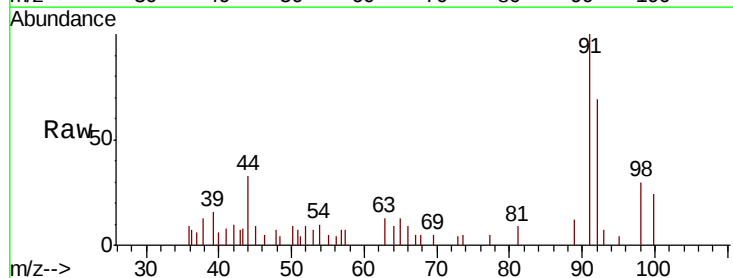
Acq: 09 Jul 2019 14:14

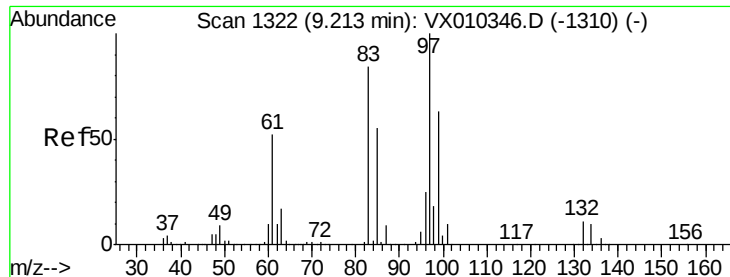
Tgt Ion: 92 Resp: 1362

Ion Ratio Lower Upper

92 100

91 157.0 139.8 209.6





#55

1,1,2-Trichloroethane

Concen: 0.810 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

Tot Ion: 97 Resp: 1883

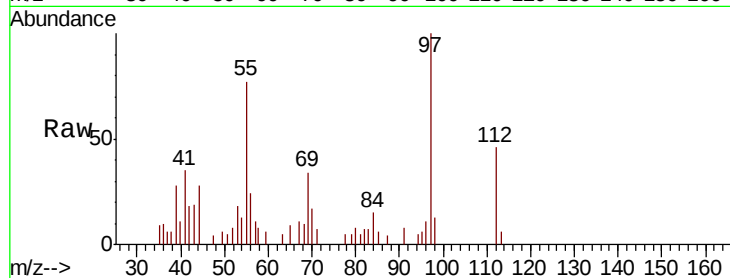
Ion Ratio Lower Upper

97 100

83 7.4 67.4 101.0#

85 6.0 43.8 65.8#

99 0.0 50.3 75.5#

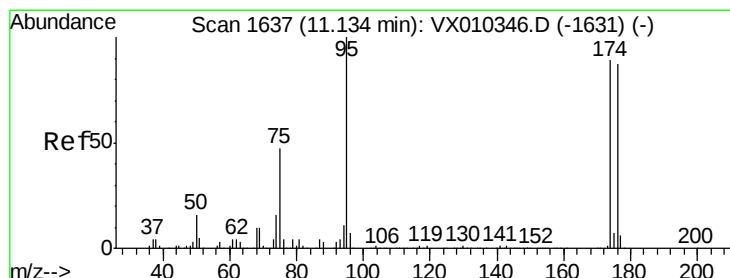
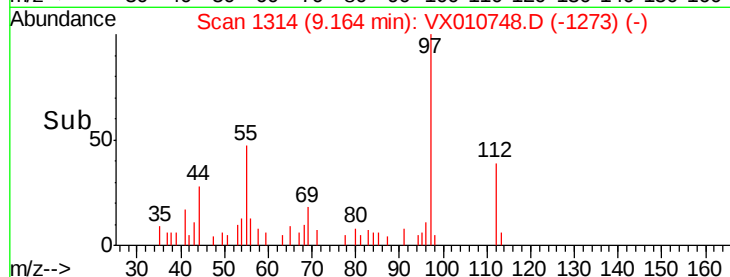
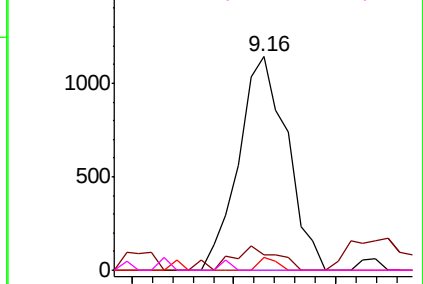


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#62

4-Bromofluorobenzene

Concen: 49.644 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

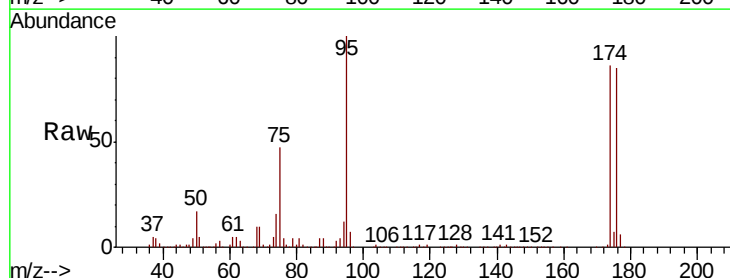
Tgt Ion: 95 Resp: 145054

Ion Ratio Lower Upper

95 100

174 94.0 0.0 187.6

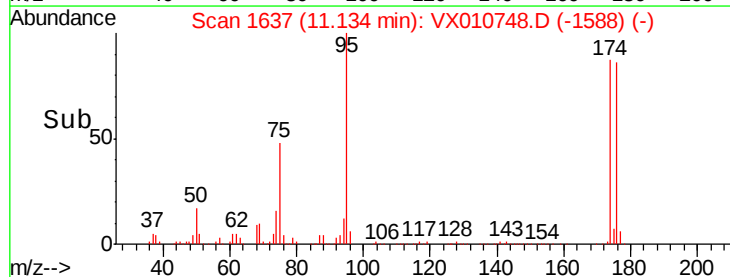
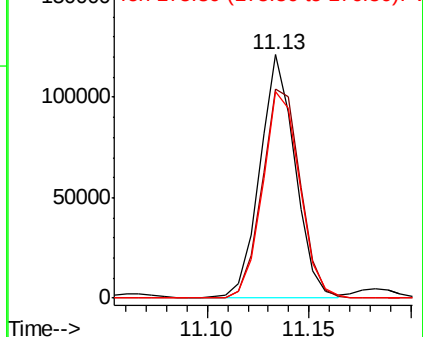
176 90.2 0.0 184.0

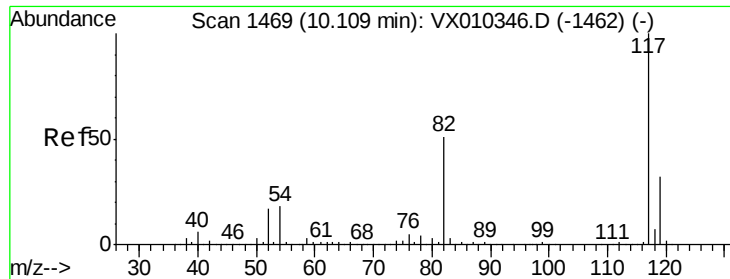


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

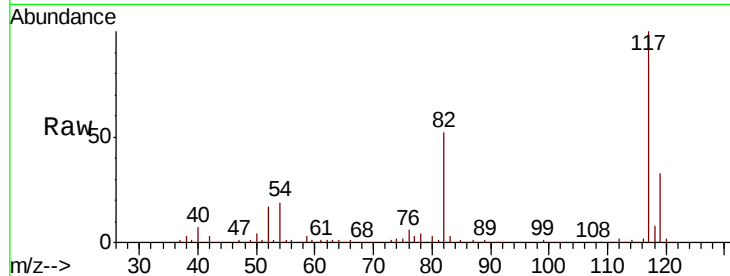




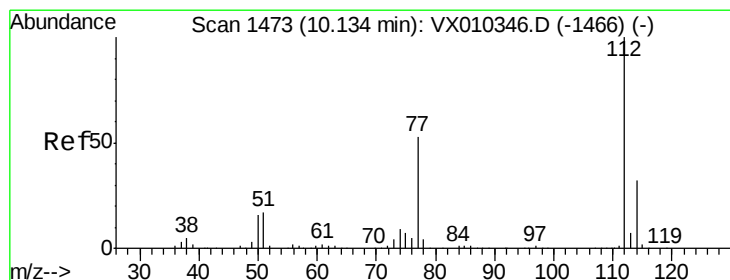
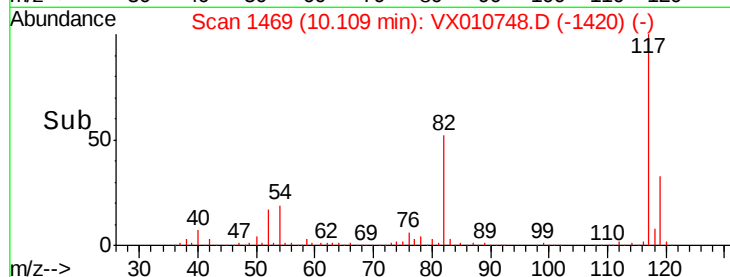
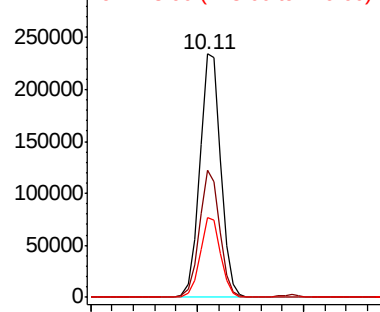
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190701

Tot Ion:117 Resp: 322359
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 32.7 25.5 38.3

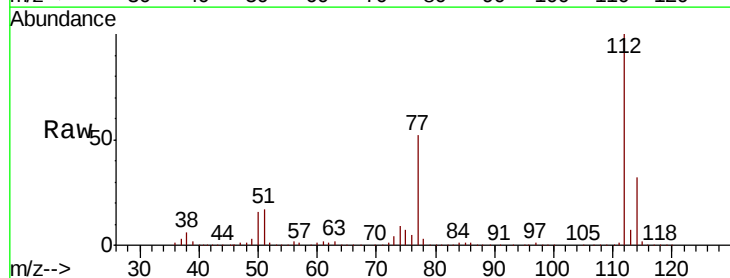


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

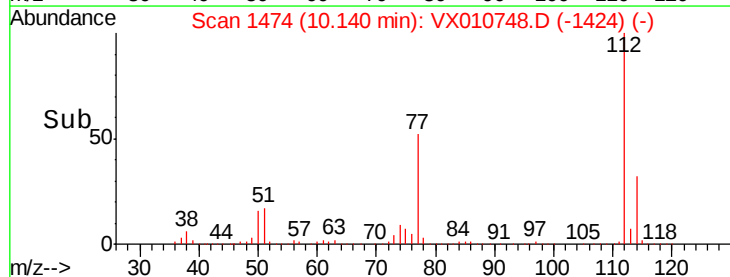
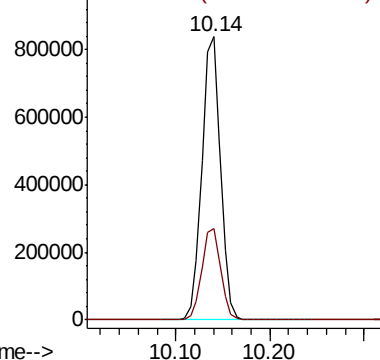


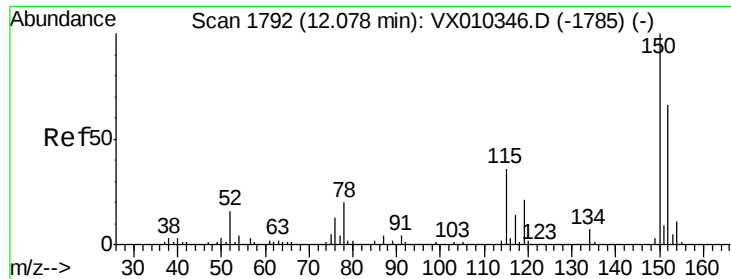
#65
Chlorobenzene
Concen: 175.535 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010748.D
Acq: 09 Jul 2019 14:14

Tgt Ion:112 Resp: 1148788
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

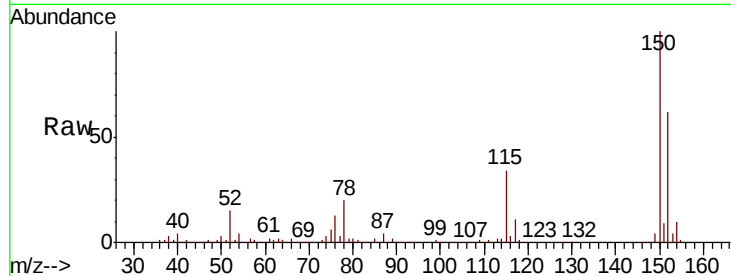
Tot Ion:152 Resp: 154658

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

150 157.0 0.0 347.4

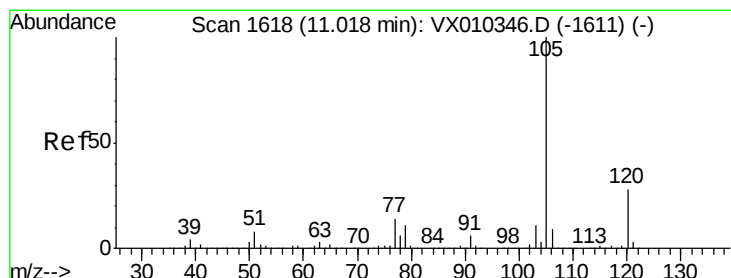
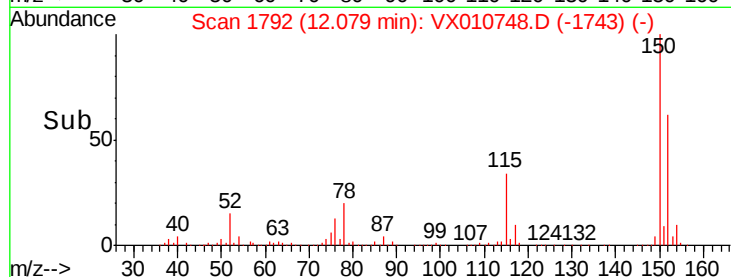
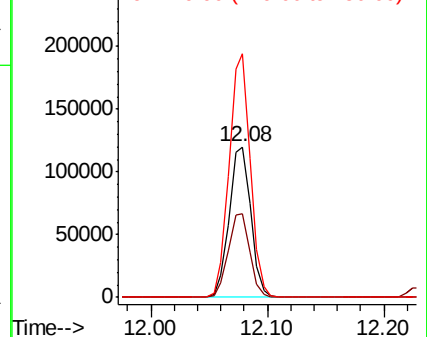


Abundance

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: 1.177 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010748.D

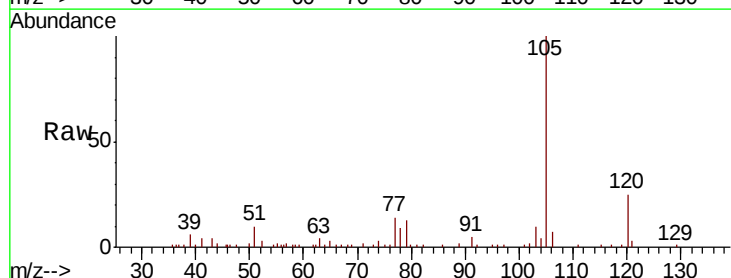
Acq: 09 Jul 2019 14:14

Tgt Ion:105 Resp: 12335

Ion Ratio Lower Upper

105 100

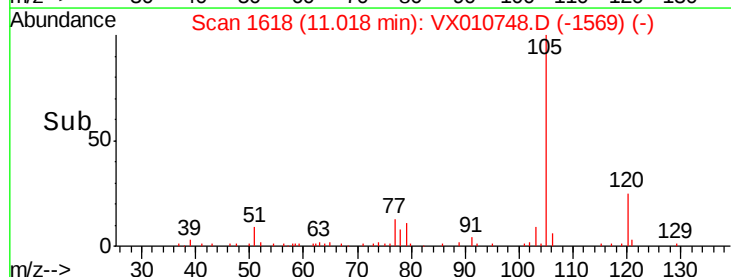
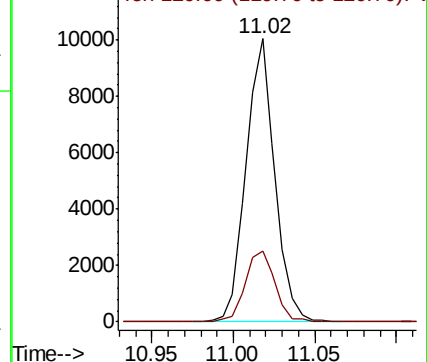
120 25.8 14.1 42.4

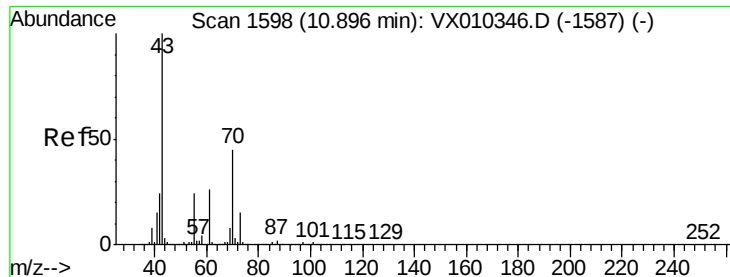


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.370 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

Tot Ion: 43 Resp: 1464

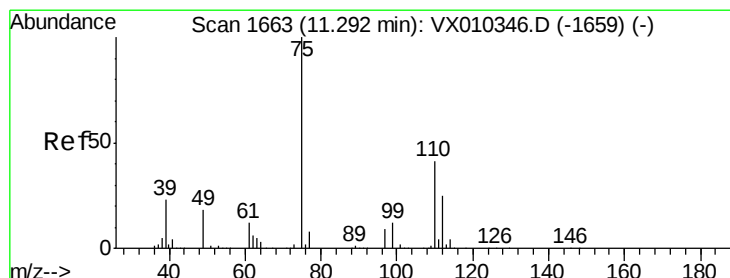
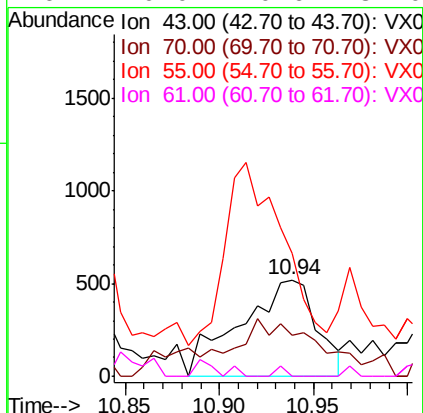
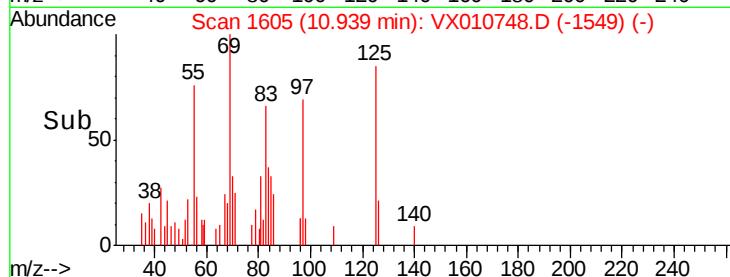
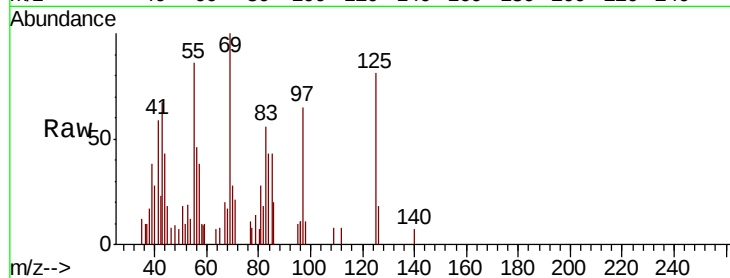
Ion Ratio Lower Upper

43 100

70 0.0 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#



#76

1,2,3-Trichloropropane

Concen: 25.006 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010748.D

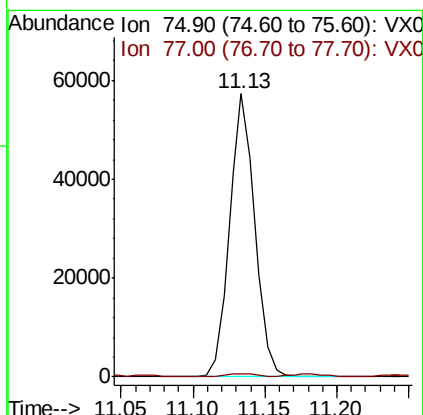
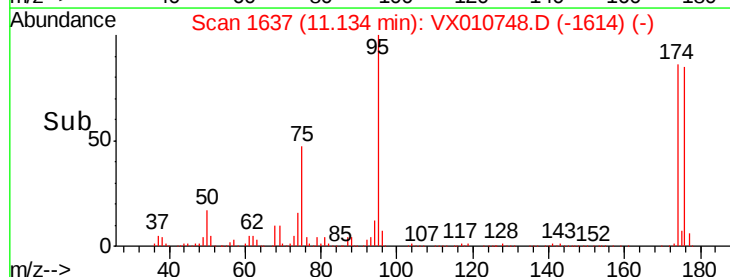
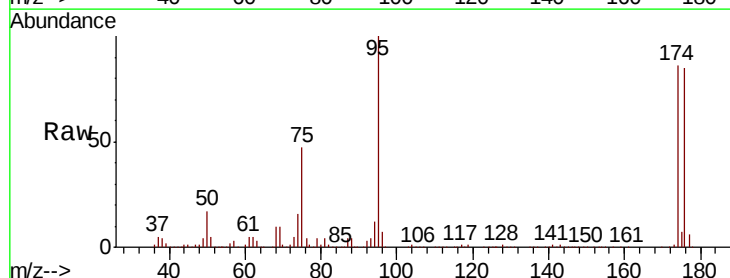
Acq: 09 Jul 2019 14:14

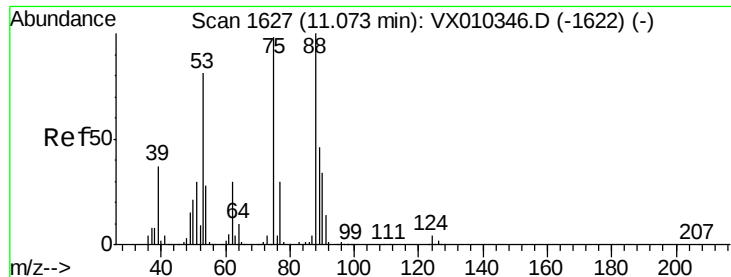
Tgt Ion: 75 Resp: 70475

Ion Ratio Lower Upper

75 100

77 1.3 22.6 67.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 58.337 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

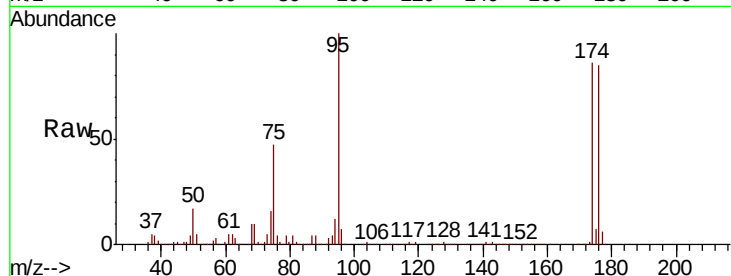
Tot Ion: 75 Resp: 70475

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

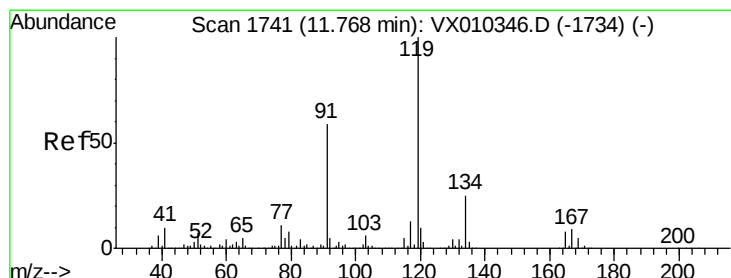
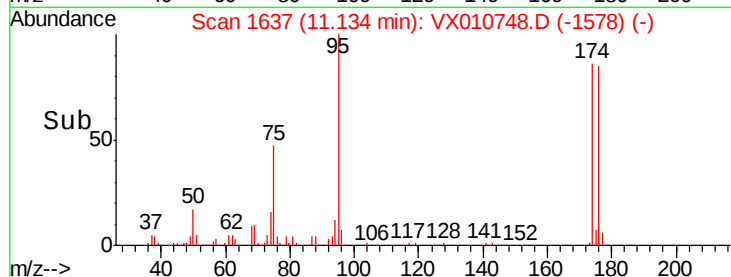
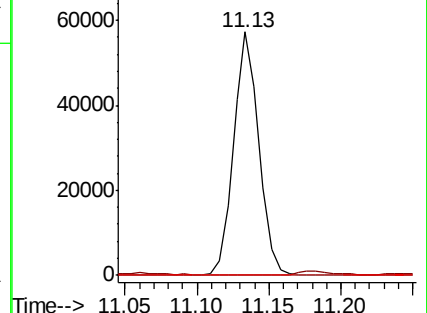
89 0.1 37.8 56.6#



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



#83

tert-Butylbenzene

Concen: 3.446 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

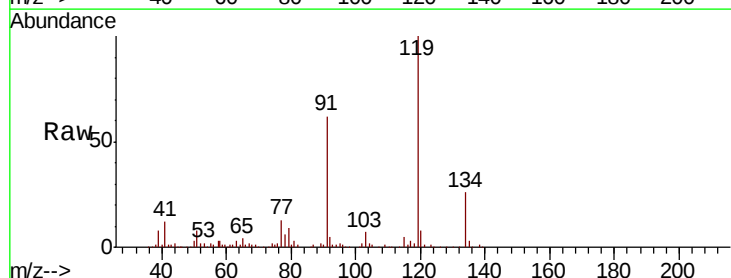
Tgt Ion: 119 Resp: 29892

Ion Ratio Lower Upper

119 100

91 65.3 27.6 82.7

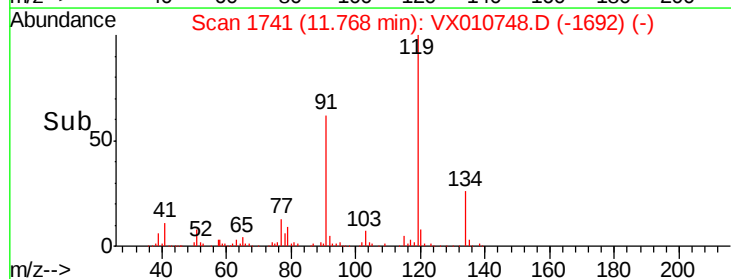
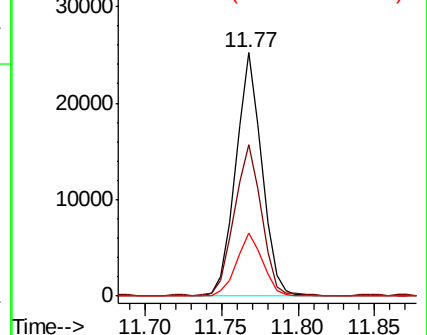
134 25.8 11.8 35.4

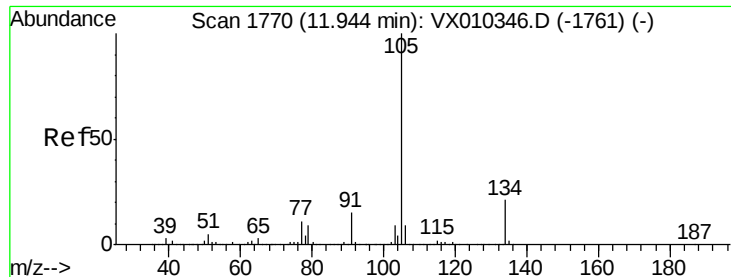


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 2.808 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

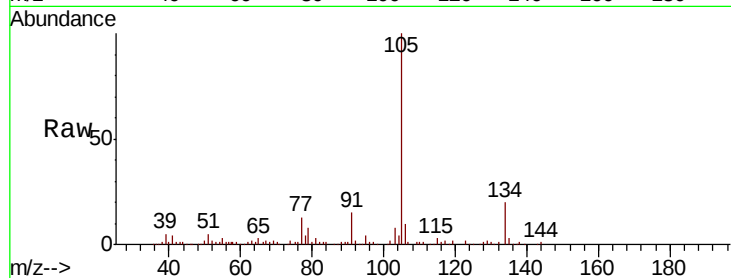
SS037MW036-190701

Tot Ion:105 Resp: 28597

Ion Ratio Lower Upper

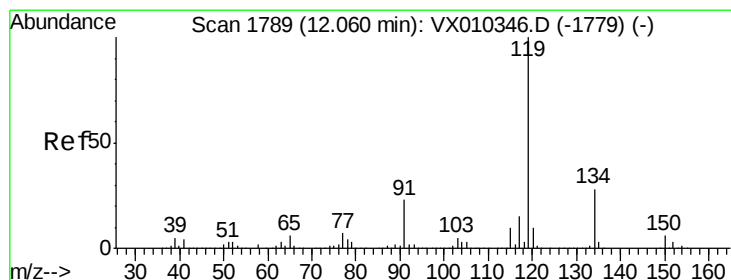
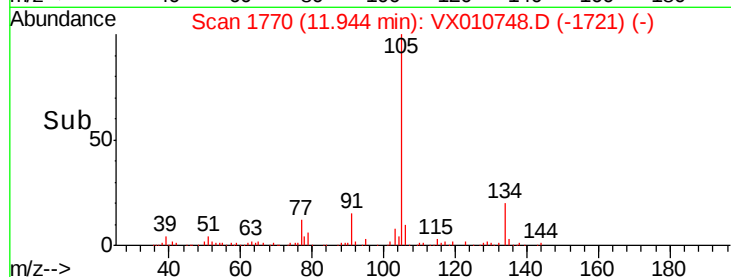
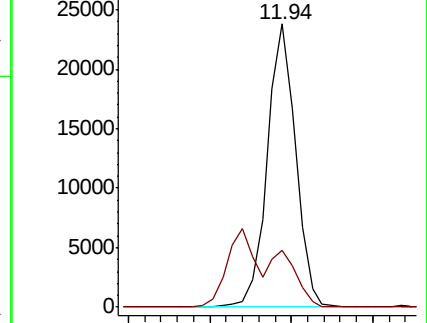
105 100

134 18.5 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: 12.710 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

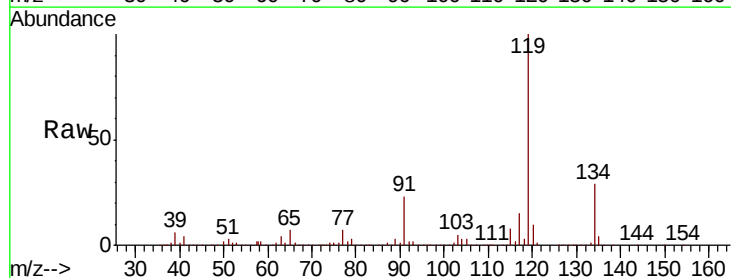
Tgt Ion:119 Resp: 119743

Ion Ratio Lower Upper

119 100

134 28.9 13.7 41.1

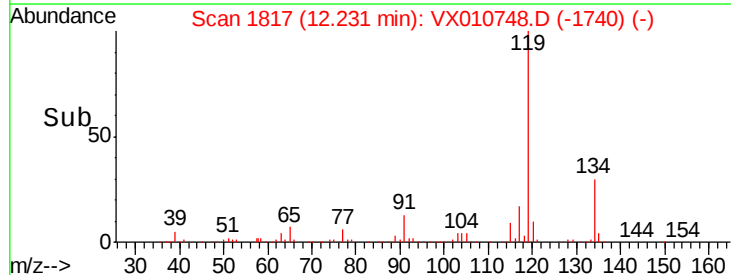
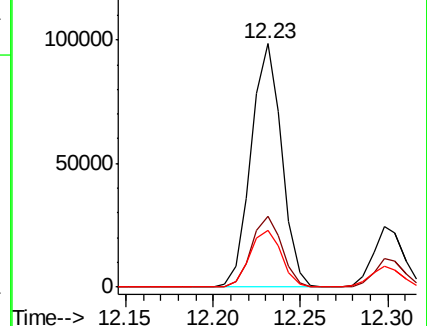
91 23.9 11.3 33.8

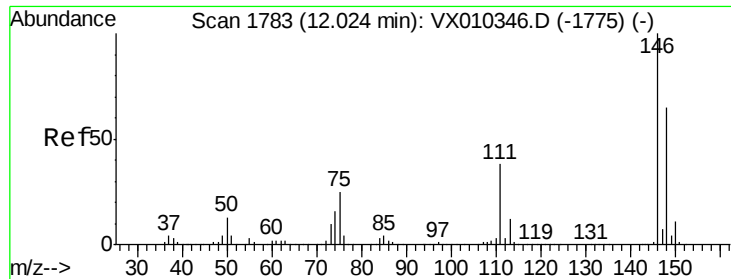


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

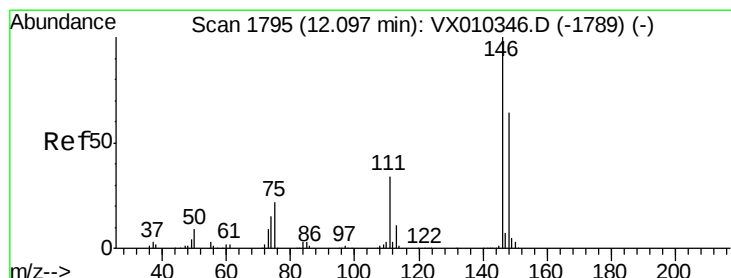
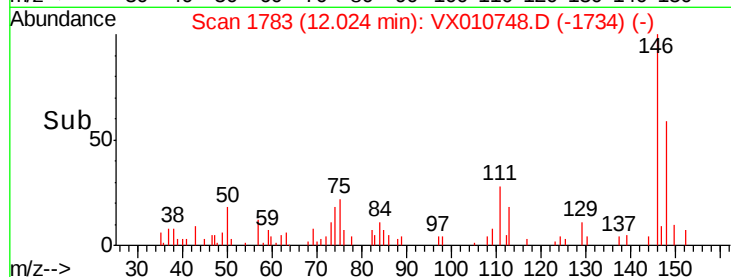
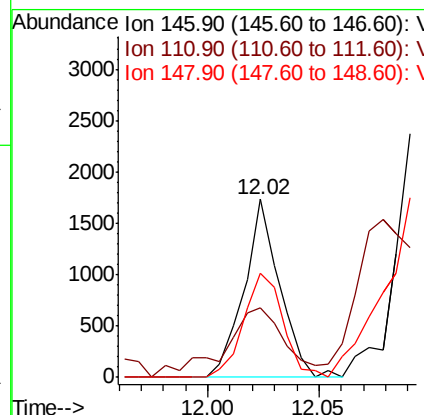
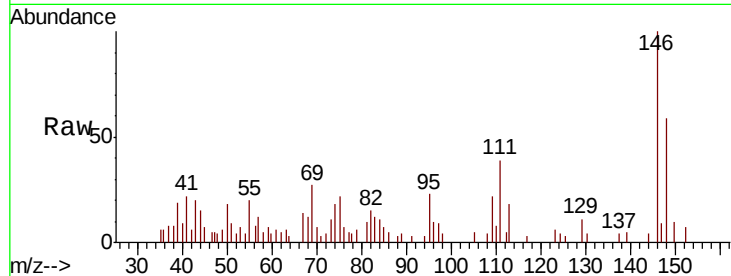




#87
 1,3-Dichlorobenzene
 Concen: 0.378 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010748.D
 Acq: 09 Jul 2019 14:14

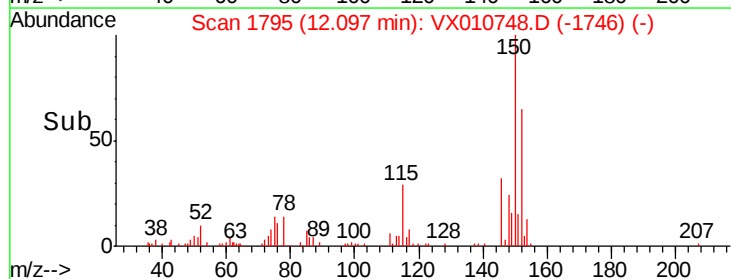
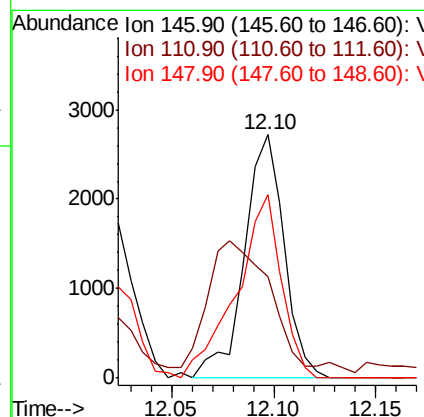
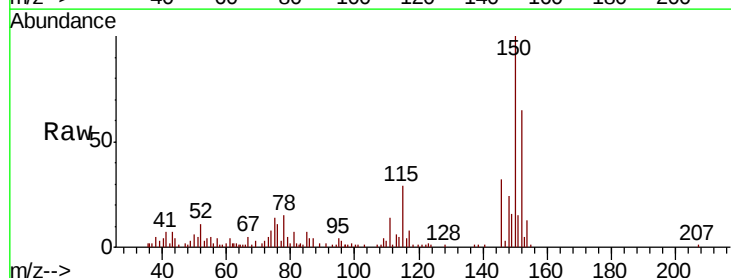
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190701

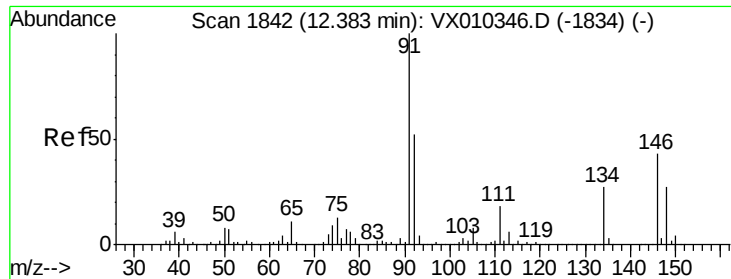
Tot Ion:146 Resp: 1931
 Ion Ratio Lower Upper
 146 100
 111 67.0 19.1 57.1#
 148 64.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 0.706 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010748.D
 Acq: 09 Jul 2019 14:14

Tgt Ion:146 Resp: 3675
 Ion Ratio Lower Upper
 146 100
 111 89.1 18.1 54.3#
 148 84.9 32.1 96.3





#89

n-Butylbenzene

Concen: 0.359 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

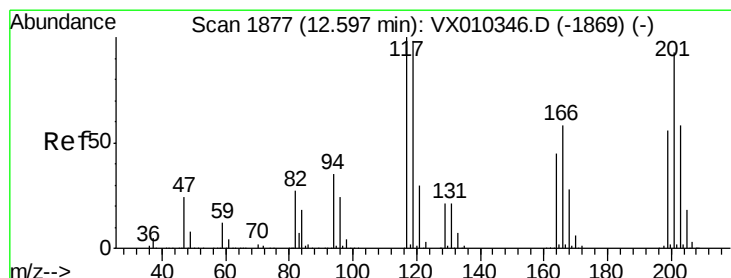
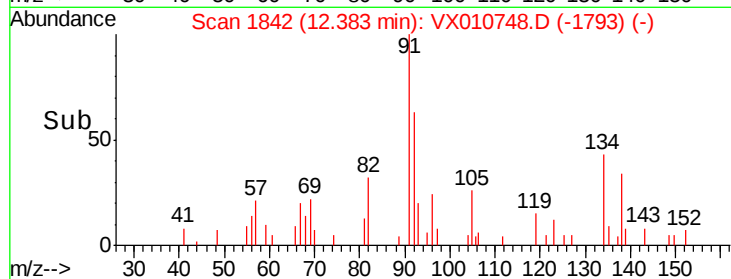
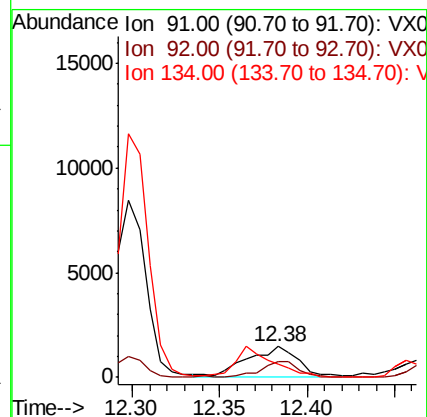
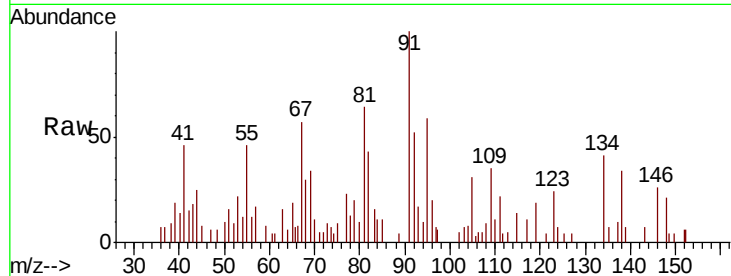
Tot Ion: 91 Resp: 2875

Ion Ratio Lower Upper

91 100

92 39.2 26.2 78.5

134 75.8 14.1 42.4#



#90

Hexachloroethane

Concen: 16.415 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX010748.D

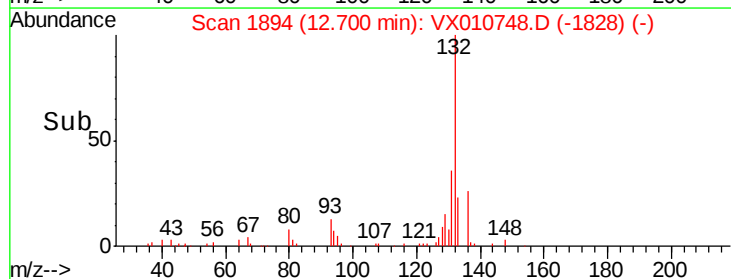
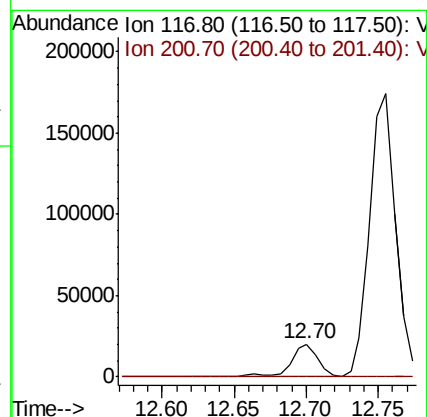
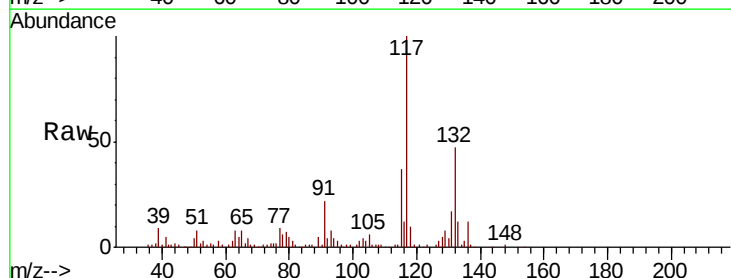
Acq: 09 Jul 2019 14:14

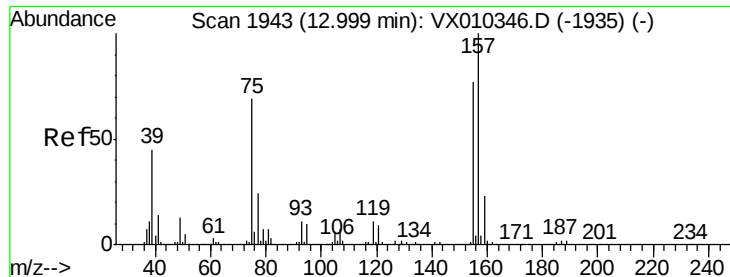
Tgt Ion: 117 Resp: 26740

Ion Ratio Lower Upper

117 100

201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.315 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

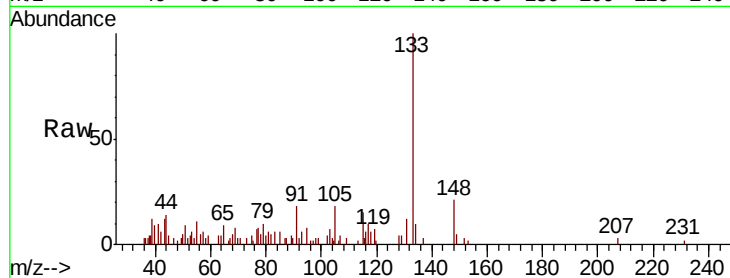
Tot Ion: 75 Resp: 236

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

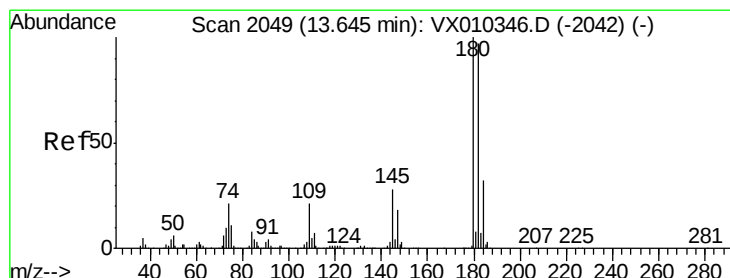
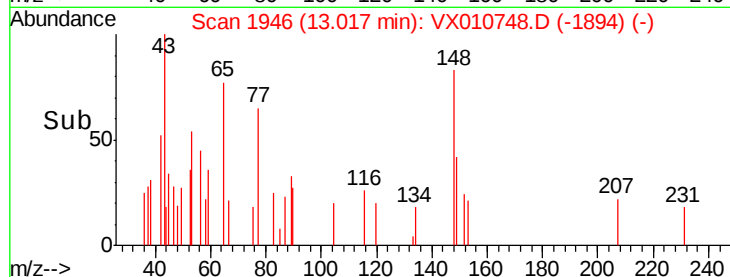
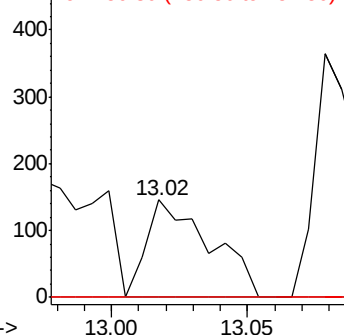
157 0.0 69.5 208.3#



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



#93

1,2,4-Trichlorobenzene

Concen: 0.260 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

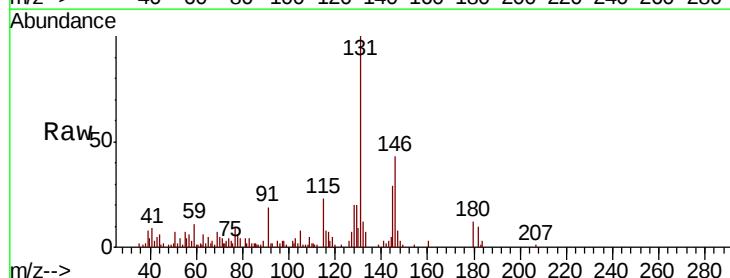
Tgt Ion:180 Resp: 916

Ion Ratio Lower Upper

180 100

182 81.4 48.0 144.0

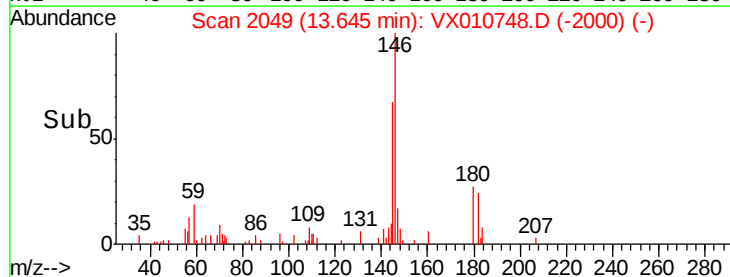
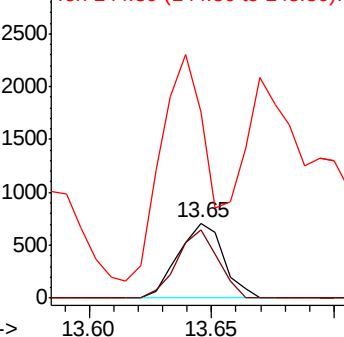
145 327.3 14.4 43.4#

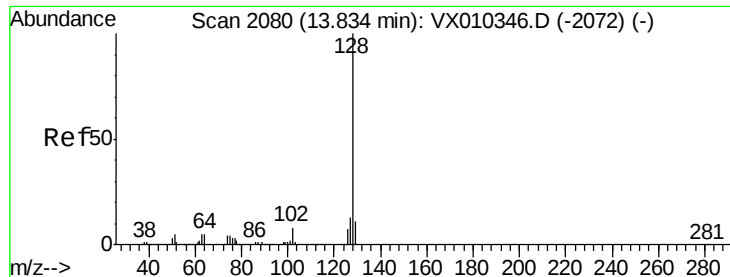


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.320 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701

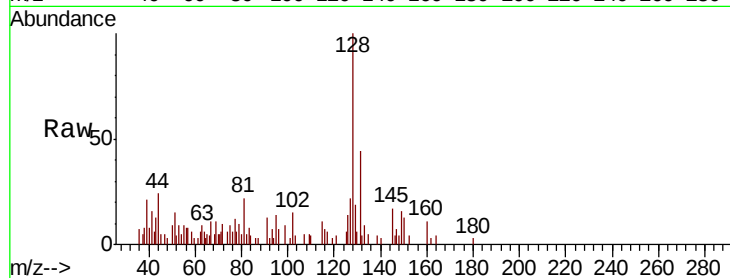
Tot Ion:128 Resp: 3466

Ion Ratio Lower Upper

128 100

127 17.0 10.2 15.4#

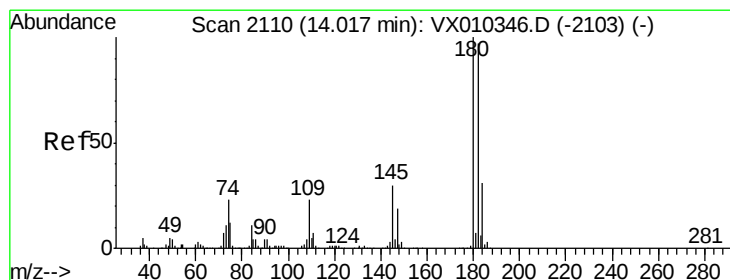
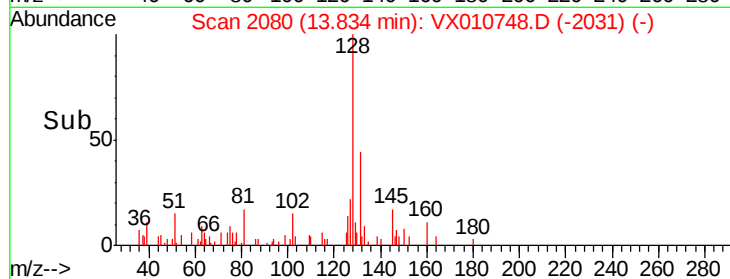
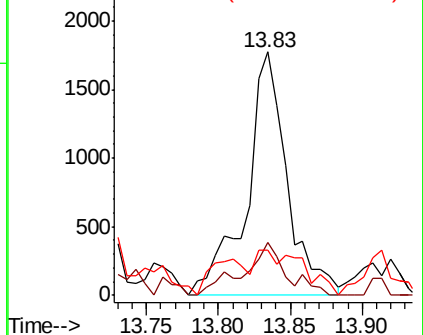
129 4.7 8.9 13.3#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.220 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX010748.D

Acq: 09 Jul 2019 14:14

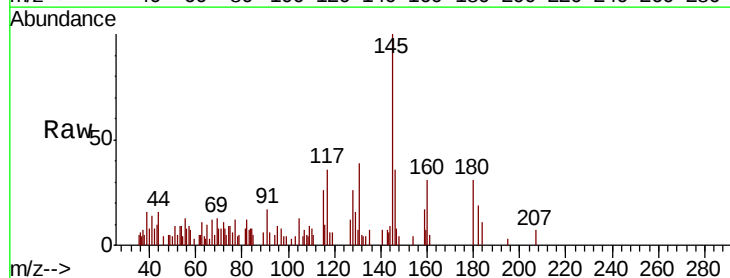
Tgt Ion:180 Resp: 771

Ion Ratio Lower Upper

180 100

182 85.0 47.8 143.3

145 404.9 15.2 45.6#



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

