

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011113.D
 Acq On : 27 Jul 2019 01:09
 Operator : JC/SP
 Sample : K4014-03DL 250X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: Jul 27 04:27:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320740	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	144185	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	109566	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
35) Dibromofluoromethane	5.49	113	100914	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	390823	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.13	95	140010	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	55	0.572	ug/l #	43
5) Bromomethane	1.64	94	641	0.599	ug/l	93
10) Methyl Iodide	2.51	142	721	0.299	ug/l #	88
11) Tert butyl alcohol	3.01	59	2869	5.721	ug/l #	82
16) Acetone	2.45	43	1452	1.493	ug/l	96
18) Methyl Acetate	2.76	43	860	0.388	ug/l #	70
20) Methylene Chloride	2.86	84	682	0.331	ug/l #	71
25) 2-Butanone	4.68	43	399	0.286	ug/l #	83
29) Tetrahydrofuran	5.13	42	181	0.205	ug/l #	54
30) Chloroform	5.20	83	992	0.286	ug/l	93
31) Cyclohexane	5.59	56	8390	2.870	ug/l	97
36) 1,1-Dichloropropene	5.66	75	13643	5.178	ug/l #	48
38) Carbon Tetrachloride	5.67	117	18493	6.736	ug/l #	17
39) Methylcyclohexane	7.47	83	3496	1.023	ug/l	95
40) Benzene	6.14	78	235785	29.216	ug/l	99
42) 1,2-Dichloroethane	6.15	62	2456	0.875	ug/l #	73
49) 1,4-Dioxane	7.64	88	20	0.331	ug/l #	28
51) 4-Methyl-2-Pentanone	8.64	43	707	0.246	ug/l #	70
52) Toluene	8.78	92	256169	48.319	ug/l	99
59) 2-Hexanone	9.63	43	543	0.243	ug/l	63
60) Dibromochloromethane	9.34	129	52	2.547	ug/l #	11
67) Ethyl Benzene	10.25	91	79688	7.557	ug/l	99
68) m/p-Xylenes	10.35	106	82246	20.332	ug/l	100
69) o-Xylene	10.69	106	33654	8.525	ug/l	96
70) Styrene	10.69	104	1913	0.291	ug/l #	1
73) Isopropylbenzene	11.02	105	2469	0.253	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	69497	26.710	ug/l #	35
78) n-propylbenzene	11.36	91	5534	0.514	ug/l	96
79) 2-Chlorotoluene	11.43	91	2889	0.447	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	6958	0.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	69497	66.265	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	21501	2.620	ug/l	96
85) sec-Butylbenzene	11.80	105	21501	2.295	ug/l #	55
95) Naphthalene	13.83	128	6144	0.664	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

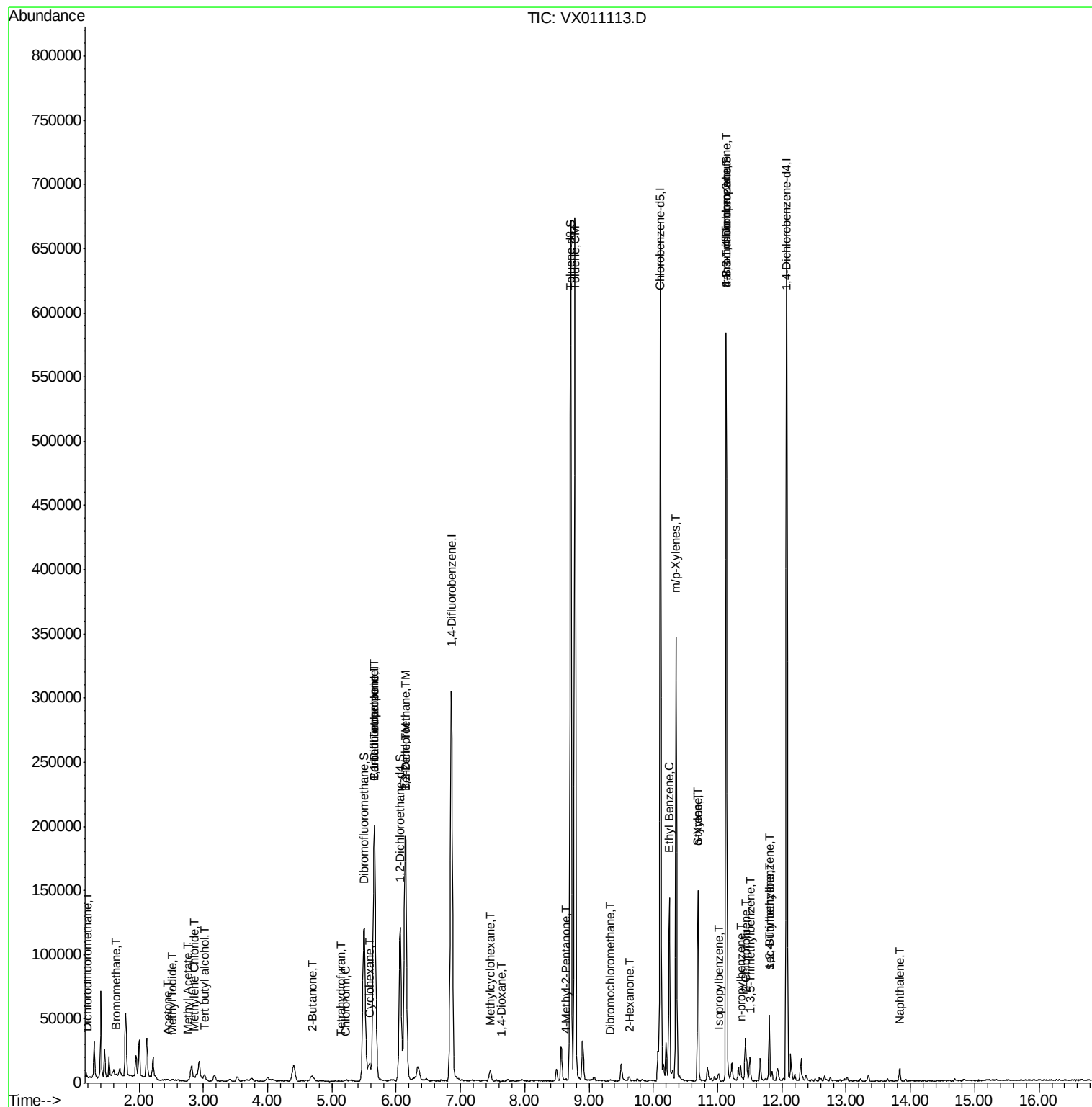
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

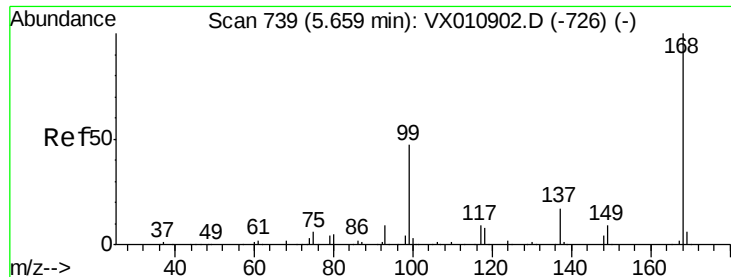
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072619\
Data File : VX011113.D
Acq On : 27 Jul 2019 01:09
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

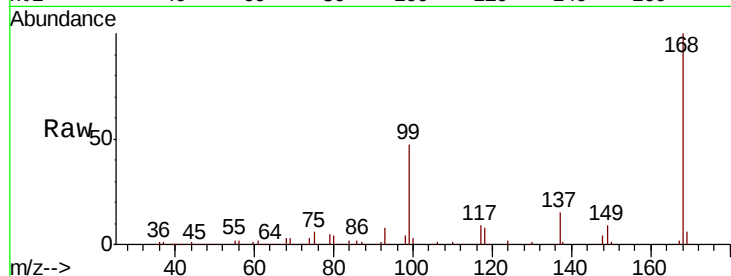
MW-3DL

Tot Ion:168 Resp: 202397

Ion Ratio Lower Upper

168 100

99 46.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

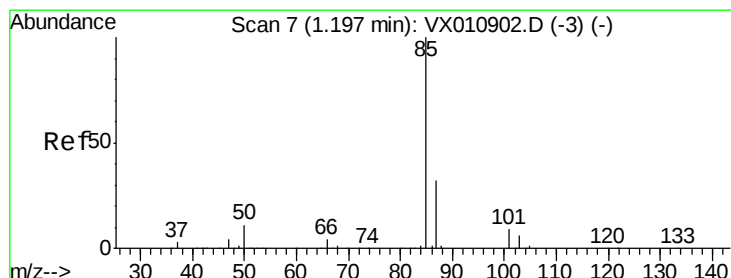
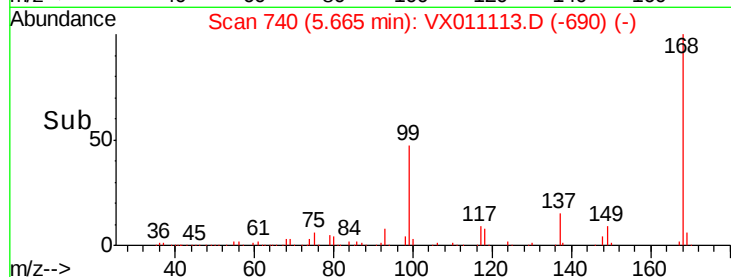
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.572 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX011113.D

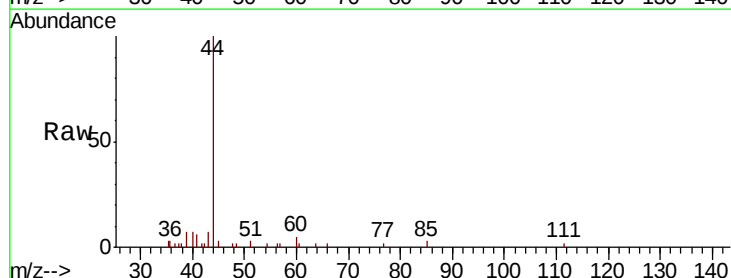
Acq: 27 Jul 2019 01:09

Tgt Ion: 85 Resp: 55

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100

80

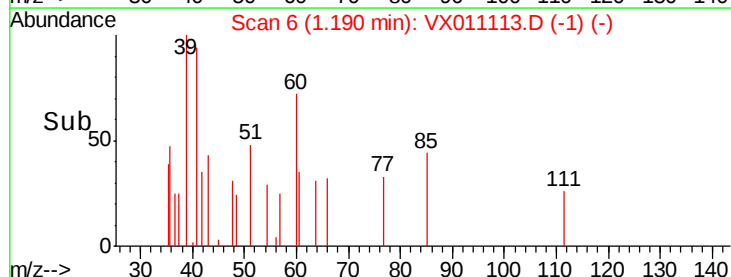
60

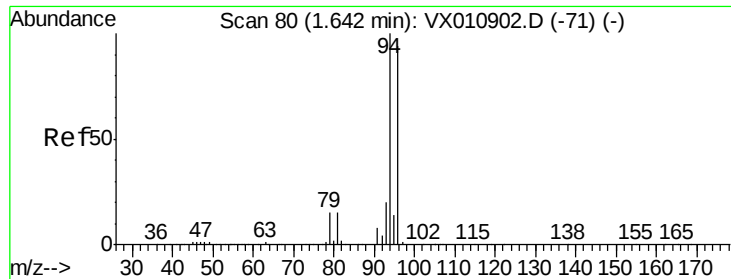
40

20

0

Time--> 1.18 1.19 1.20 1.21





#5

Bromomethane

Concen: 0.599 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

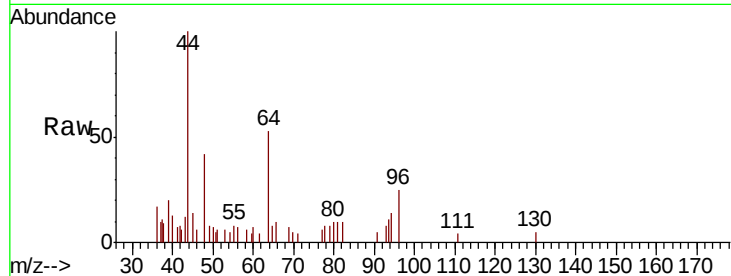
MW-3DL

Tot Ion: 94 Resp: 641

Ion Ratio Lower Upper

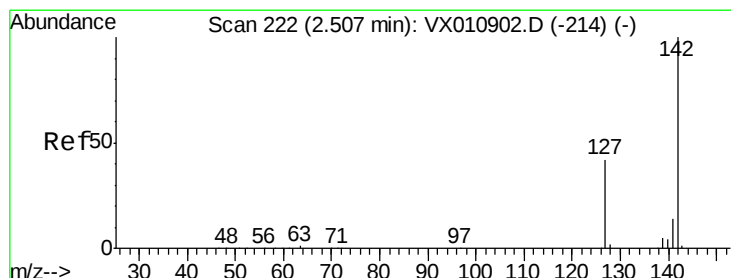
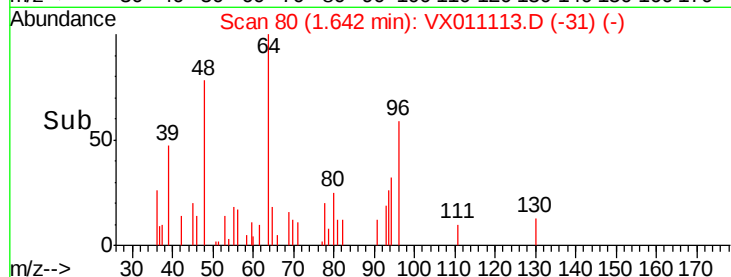
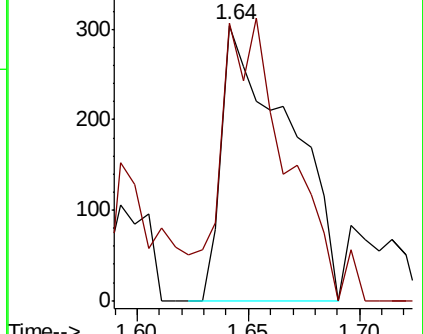
94 100

96 101.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 0.299 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

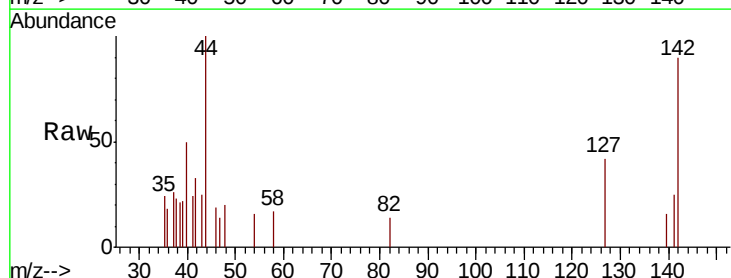
Tgt Ion:142 Resp: 721

Ion Ratio Lower Upper

142 100

127 38.8 34.2 51.4

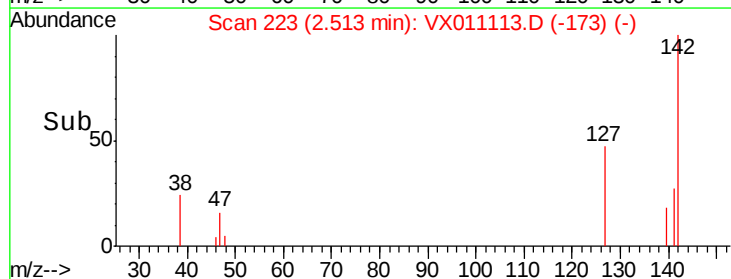
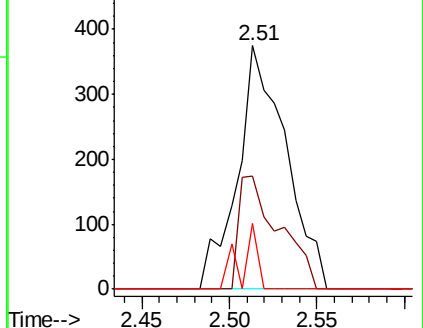
141 3.5 11.7 17.5#



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

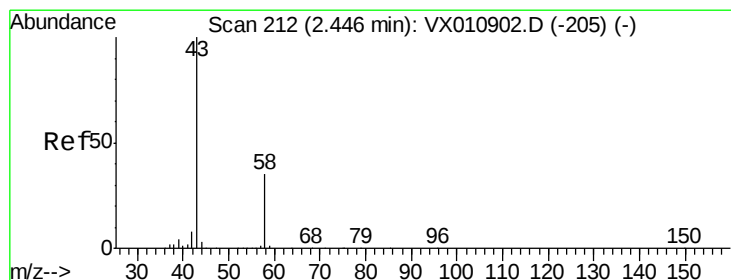
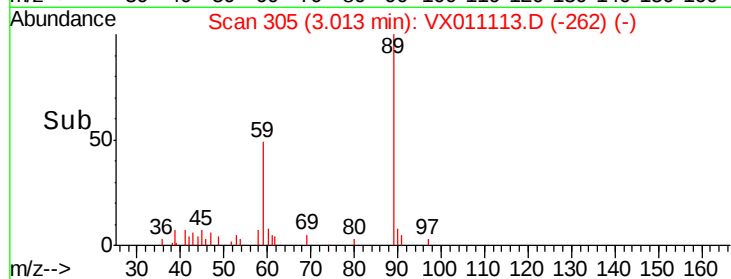
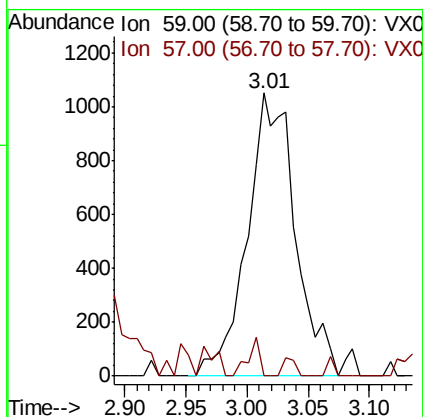
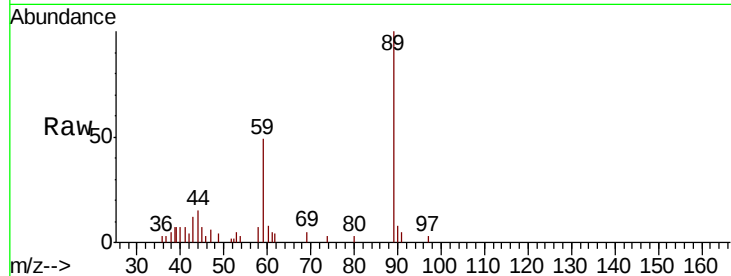




#11
Tert butyl alcohol
Concen: 5.721 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

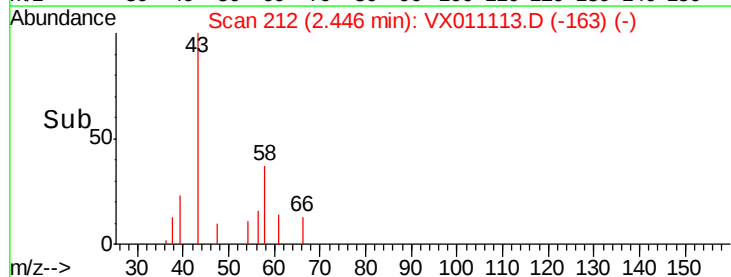
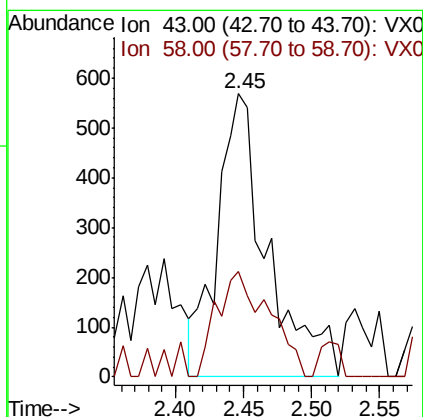
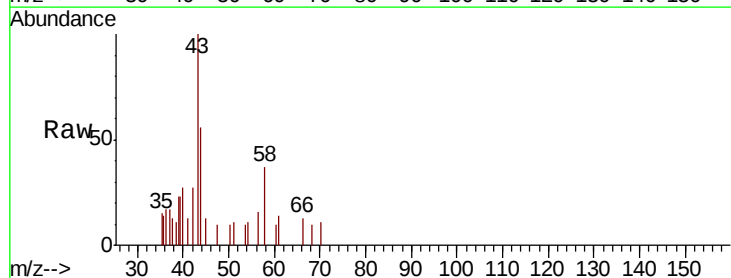
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

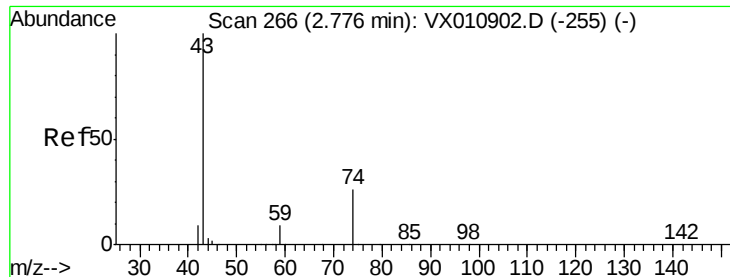
Tot Ion: 59 Resp: 2869
Ion Ratio Lower Upper
59 100
57 3.2 7.9 11.9#



#16
Acetone
Concen: 1.493 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

Tgt Ion: 43 Resp: 1452
Ion Ratio Lower Upper
43 100
58 37.1 27.7 41.5

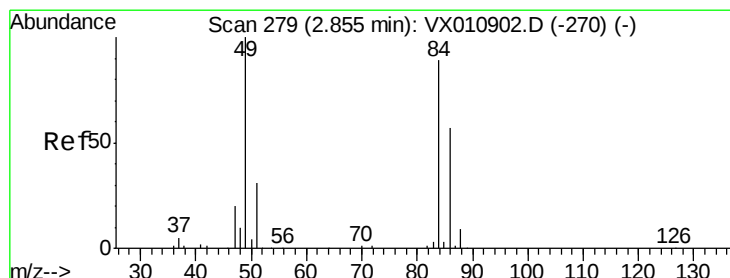
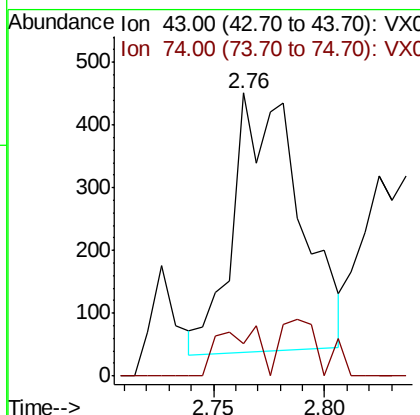
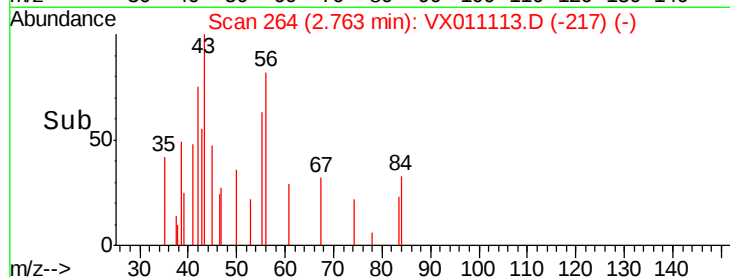
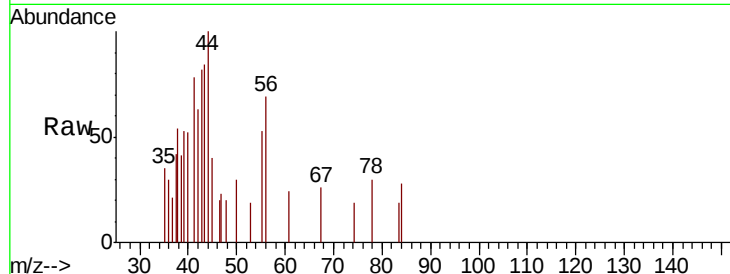




#18
Methyl Acetate
Concen: 0.388 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

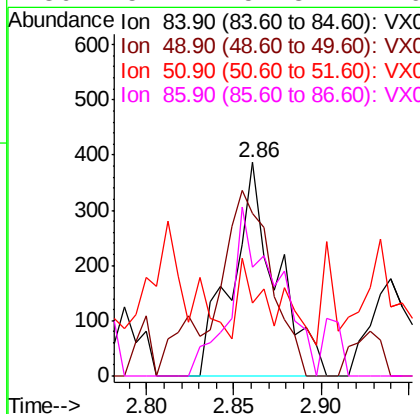
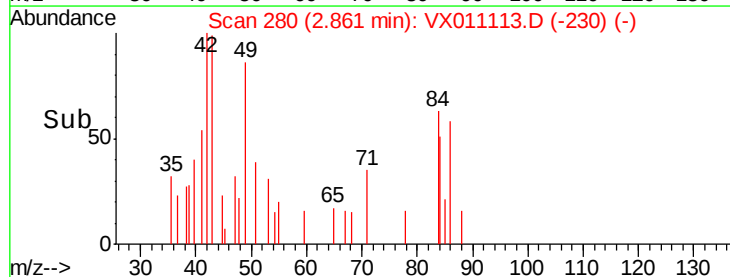
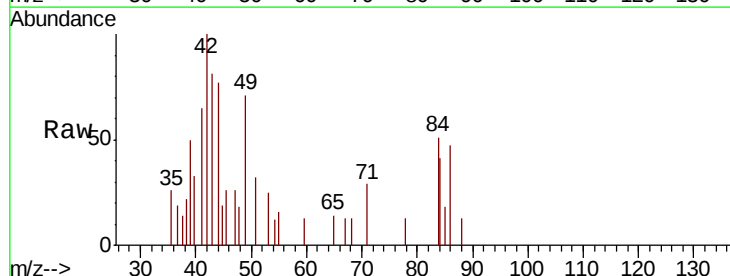
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

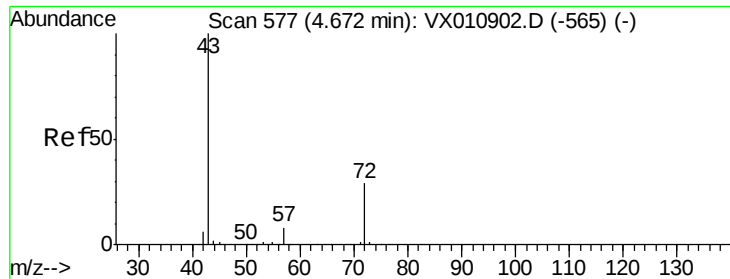
Tot Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
74 11.2 21.5 32.3#



#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

Tgt Ion: 84 Resp: 682
Ion Ratio Lower Upper
84 100
49 76.0 89.9 134.9#
51 13.2 27.8 41.6#
86 51.2 51.8 77.6#





#25

2-Butanone

Concen: 0.286 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

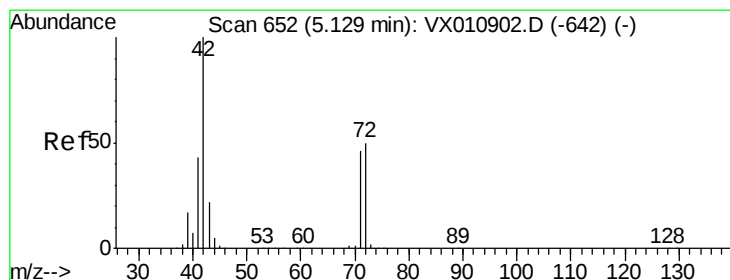
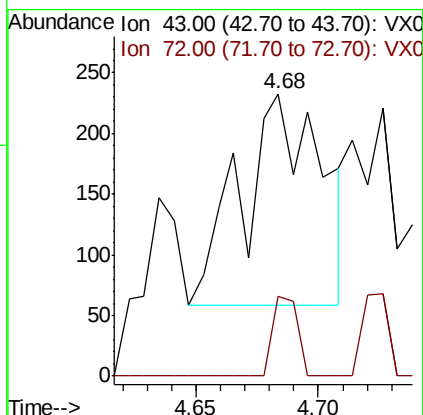
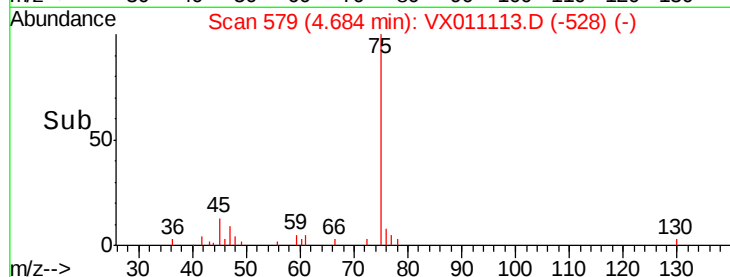
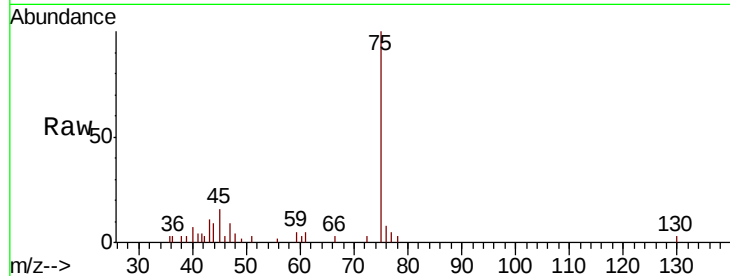
MW-3DL

Tot Ion: 43 Resp: 399

Ion Ratio Lower Upper

43 100

72 37.7 23.0 34.6#



#29

Tetrahydrofuran

Concen: 0.205 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

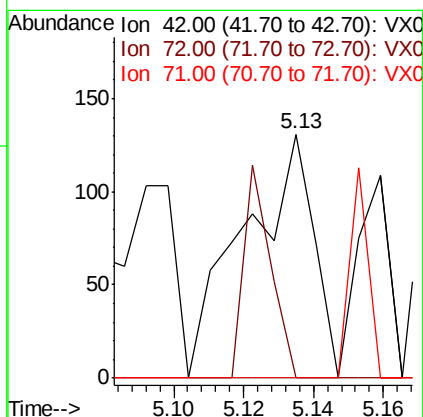
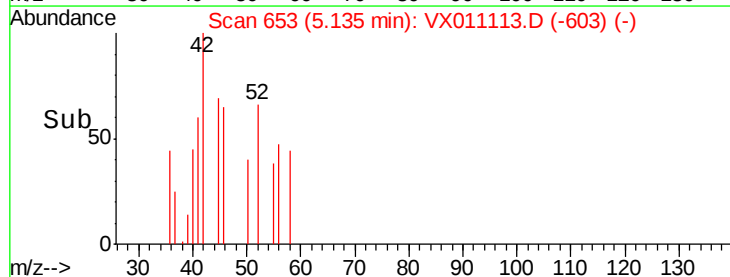
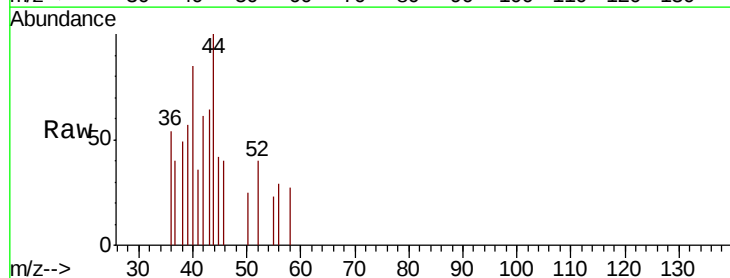
Tgt Ion: 42 Resp: 181

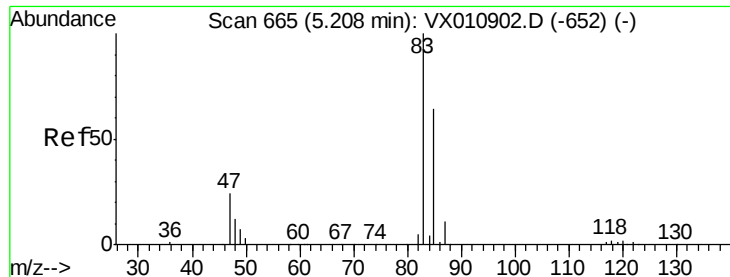
Ion Ratio Lower Upper

42 100

72 33.7 39.8 59.8#

71 0.0 37.0 55.4#

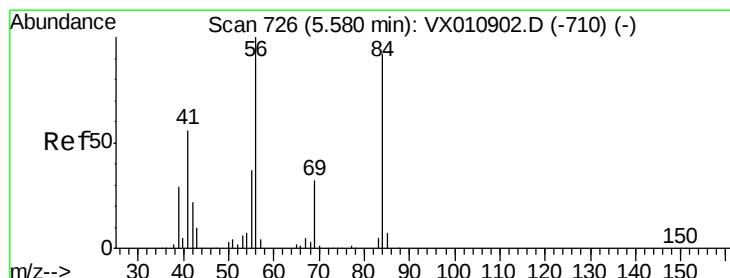
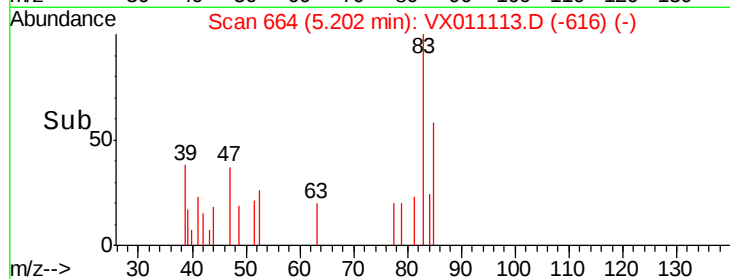
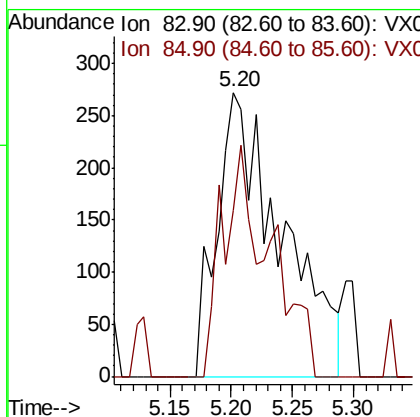
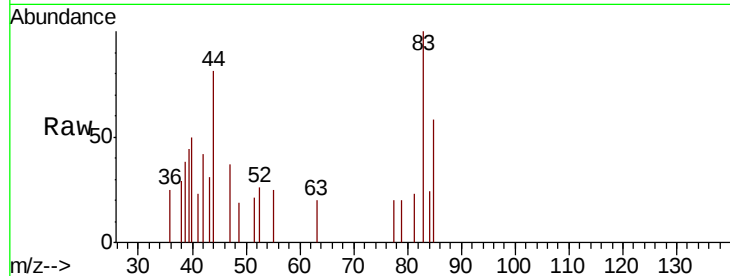




#30
Chloroform
Concen: 0.286 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

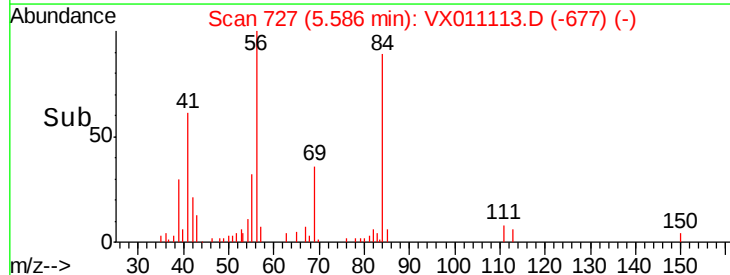
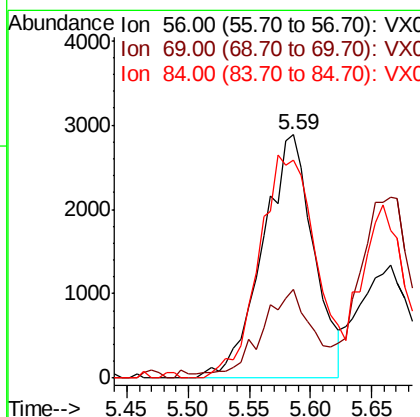
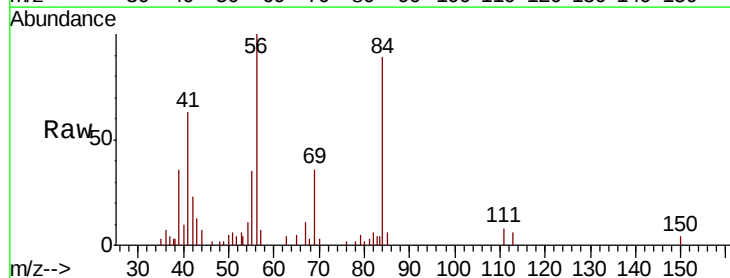
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

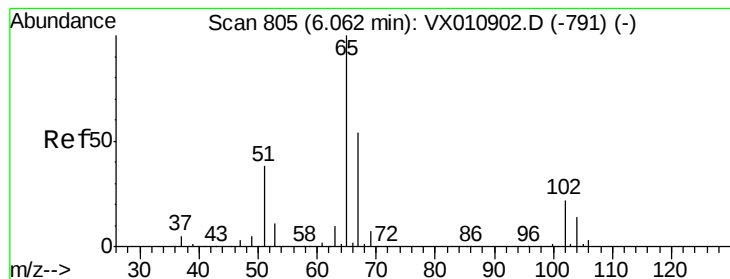
Tot Ion: 83 Resp: 992
Ion Ratio Lower Upper
83 100
85 58.5 51.4 77.0



#31
Cyclohexane
Concen: 2.870 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

Tgt Ion: 56 Resp: 8390
Ion Ratio Lower Upper
56 100
69 34.5 25.8 38.8
84 89.5 73.8 110.6





#33

1,2-Dichloroethane-d4

Concen: 50.885 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

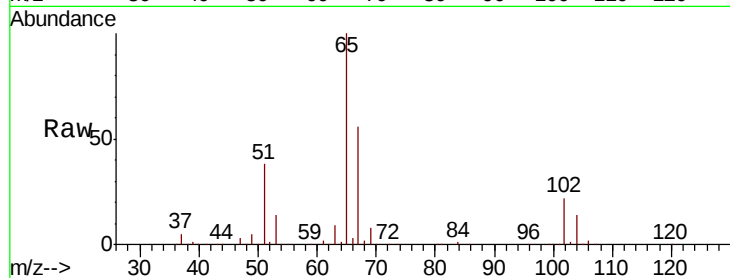
MW-3DL

Tot Ion: 65 Resp: 109566

Ion Ratio Lower Upper

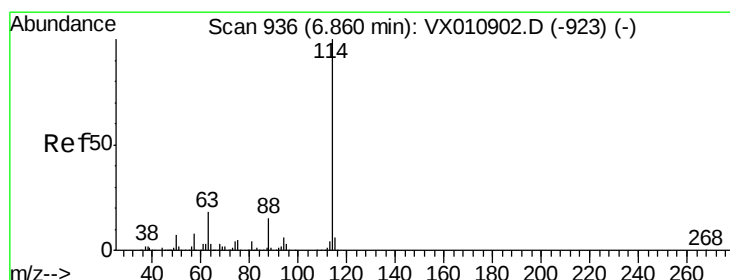
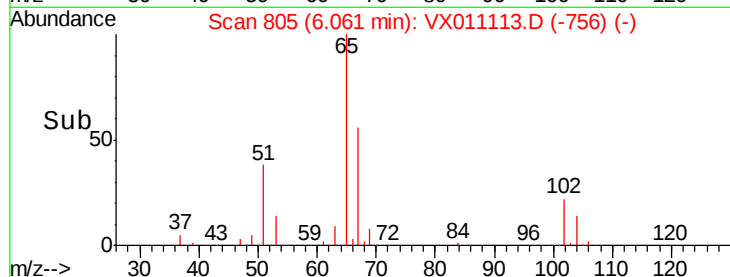
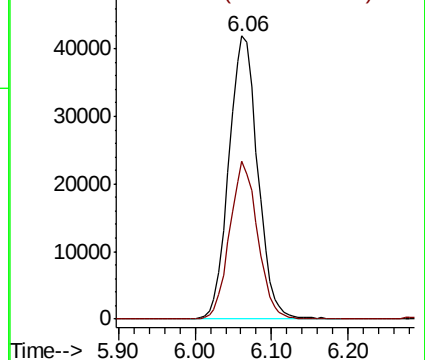
65 100

67 53.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

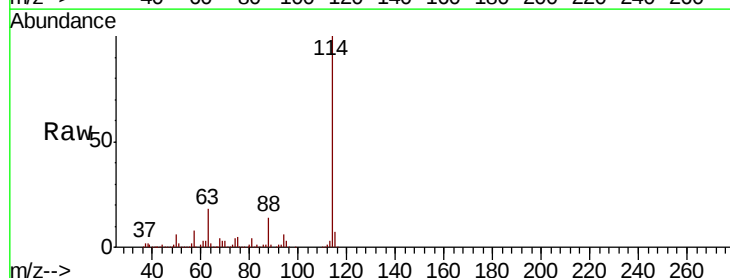
Tgt Ion: 114 Resp: 320740

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

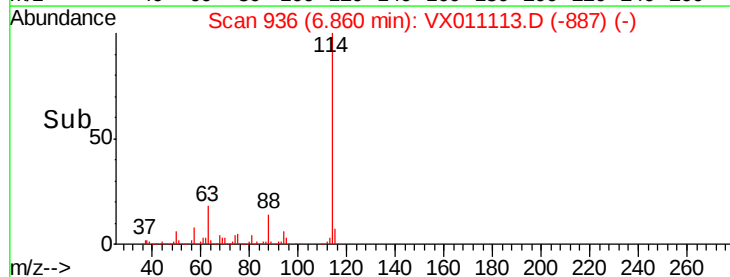
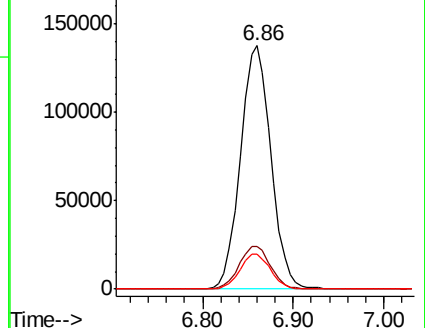
88 14.4 0.0 29.8

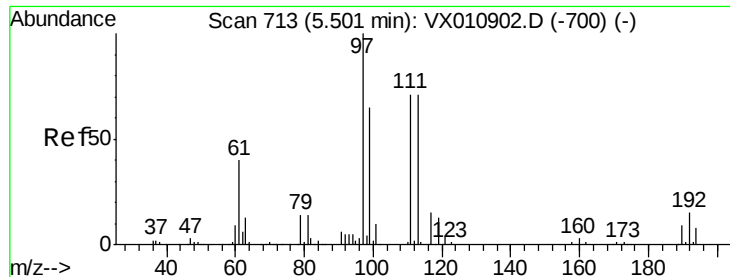


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.570 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

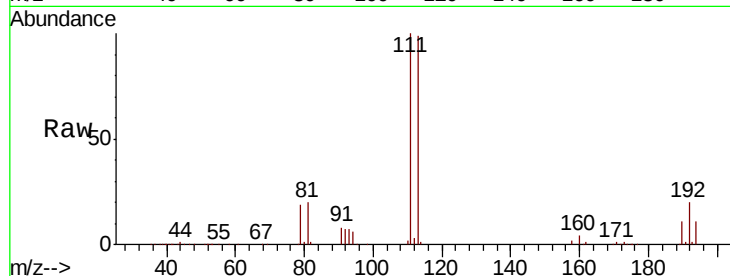
Tot Ion:113 Resp: 100914

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

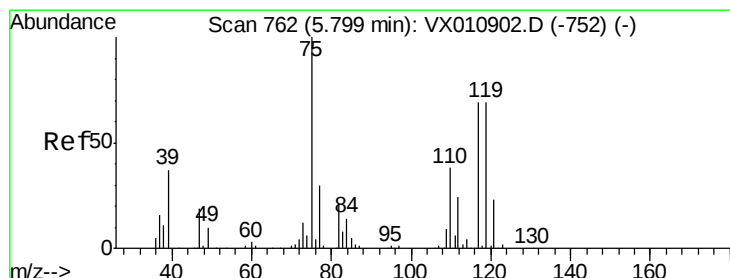
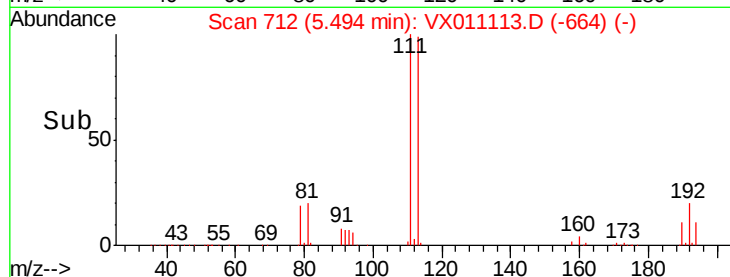
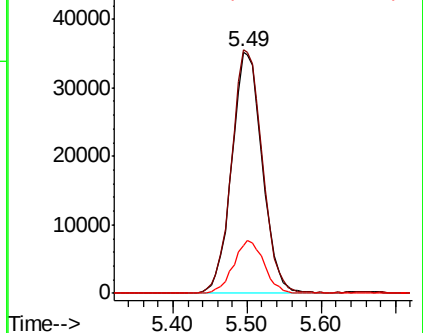
192 22.0 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.178 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

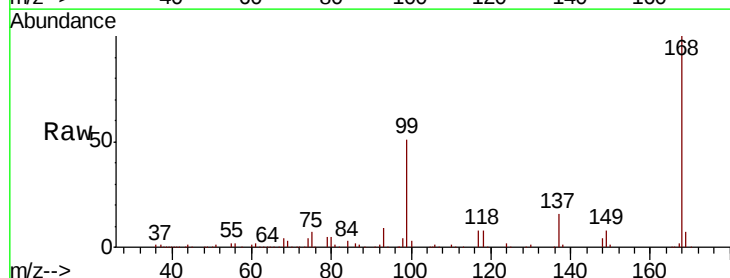
Tgt Ion: 75 Resp: 13643

Ion Ratio Lower Upper

75 100

110 10.2 19.9 59.7#

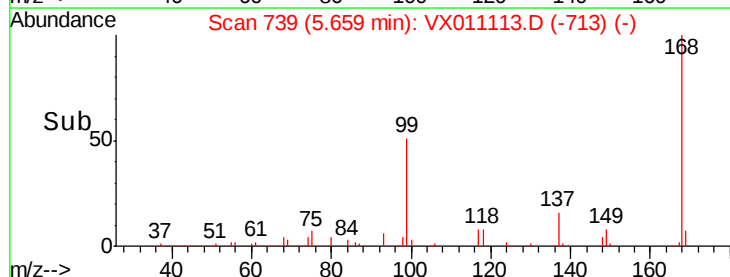
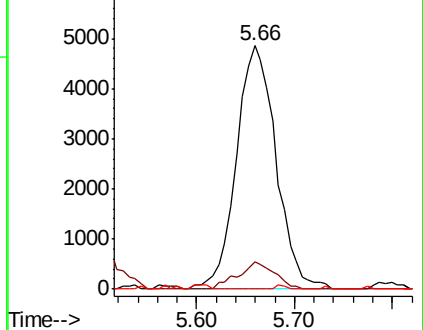
77 0.0 25.0 37.4#

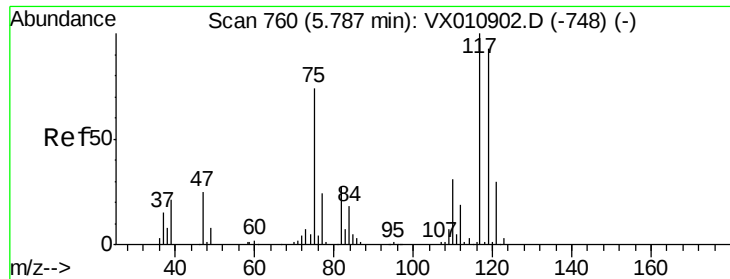


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

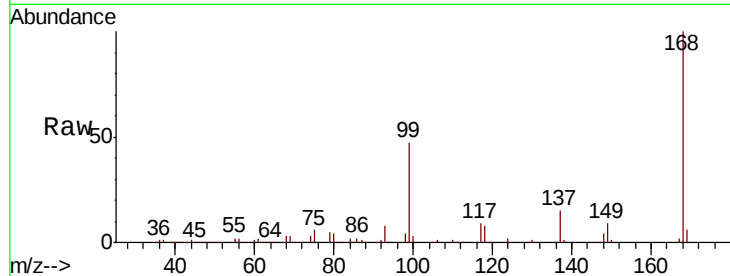




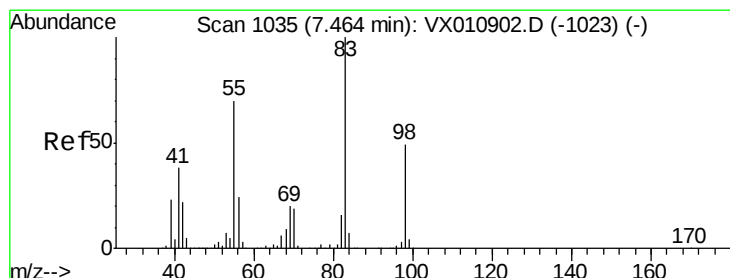
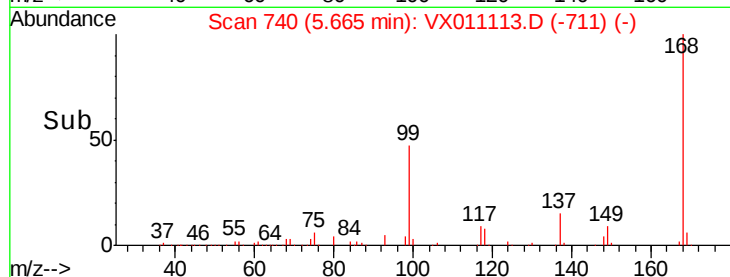
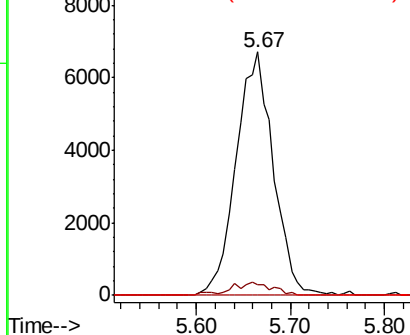
#38
Carbon Tetrachloride
Concen: 6.736 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

Instrument :
MSVOA_X
ClientSampled :
MW-3DL

Tot Ion:117 Resp: 18493
Ion Ratio Lower Upper
117 100
119 4.3 74.2 111.2#
121 0.0 24.2 36.2#

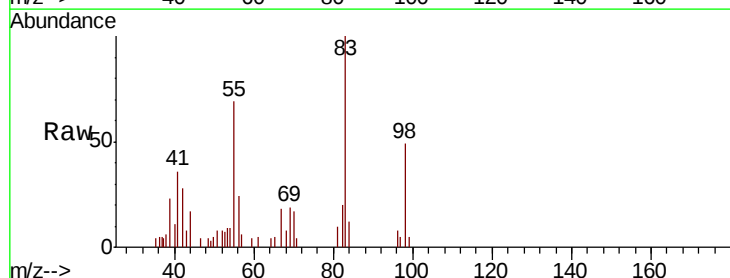


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

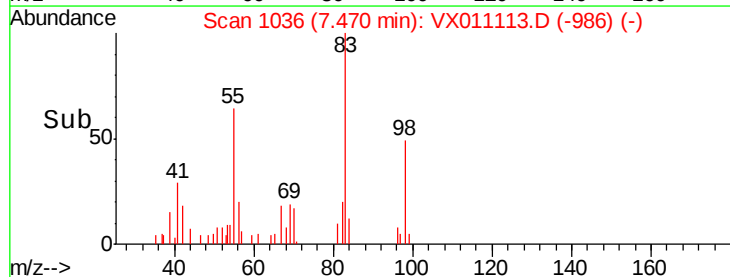
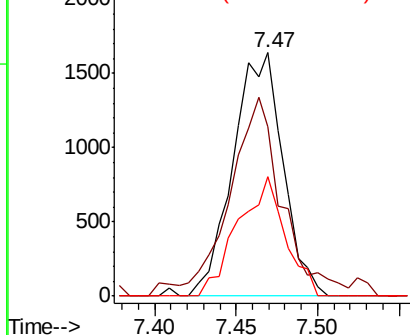


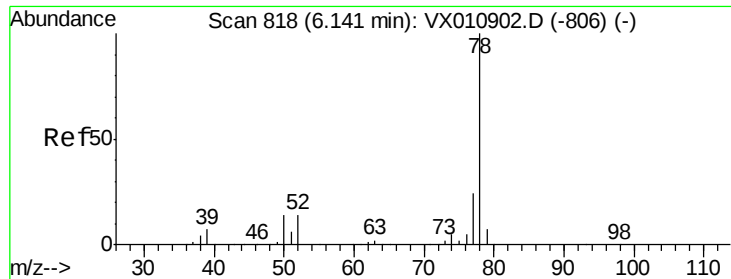
#39
Methylcyclohexane
Concen: 1.023 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

Tgt Ion: 83 Resp: 3496
Ion Ratio Lower Upper
83 100
55 64.1 56.2 84.4
98 49.3 39.0 58.4



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: 29.216 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

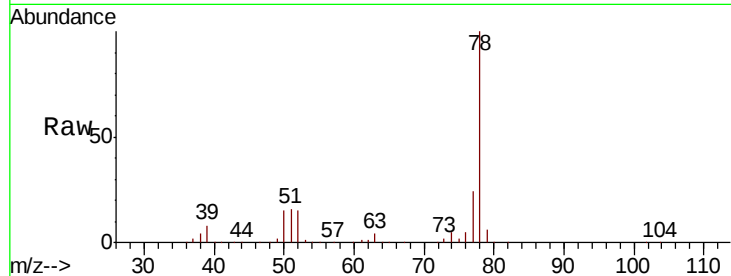
MW-3DL

Tot Ion: 78 Resp: 235785

Ion Ratio Lower Upper

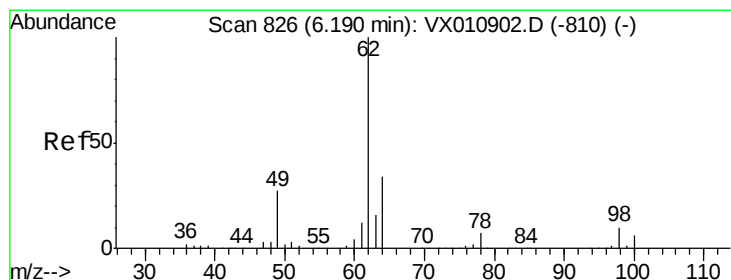
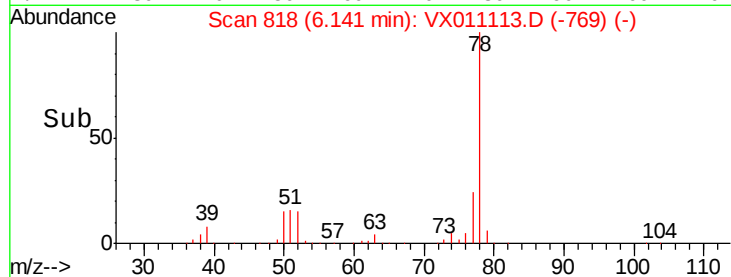
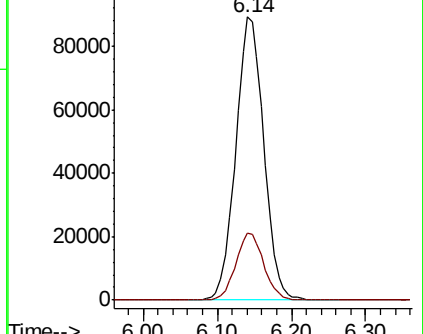
78 100

77 23.5 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.875 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.04 min

Lab File: VX011113.D

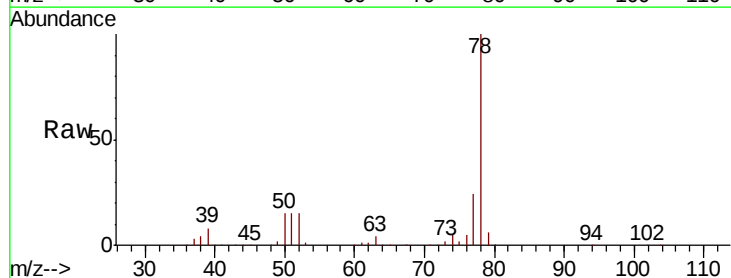
Acq: 27 Jul 2019 01:09

Tgt Ion: 62 Resp: 2456

Ion Ratio Lower Upper

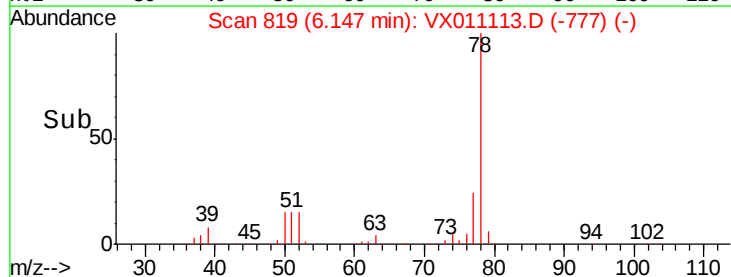
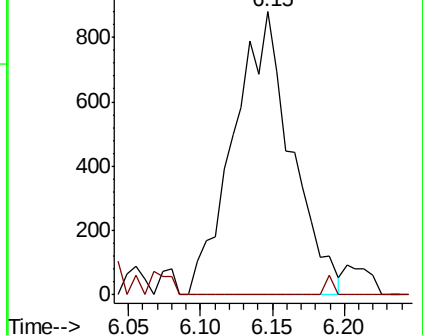
62 100

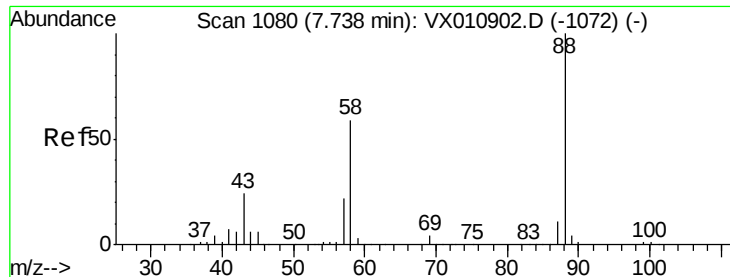
98 0.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#49

1,4-Dioxane

Concen: 0.331 ug/l

RT: 7.64 min Scan# 1064

Delta R.T. -0.10 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

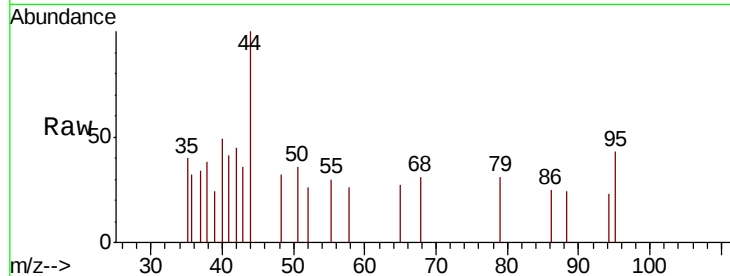
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

58 0.0 49.8 74.8#

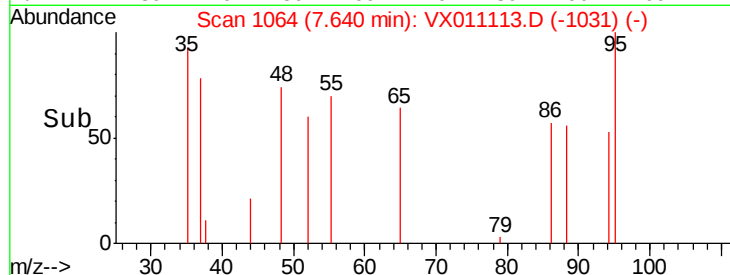


Abundance Ion 88.00 (87.70 to 88.70): VX0

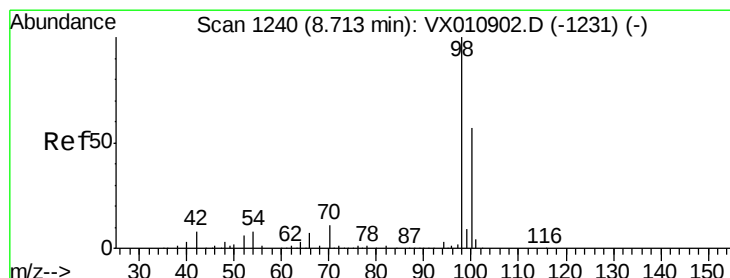
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



Time-->



#50

Toluene-d8

Concen: 51.185 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011113.D

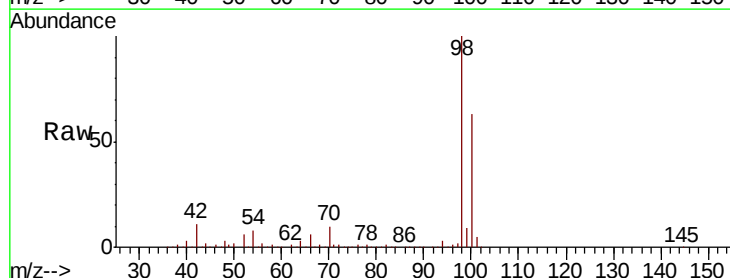
Acq: 27 Jul 2019 01:09

Tgt Ion: 98 Resp: 390823

Ion Ratio Lower Upper

98 100

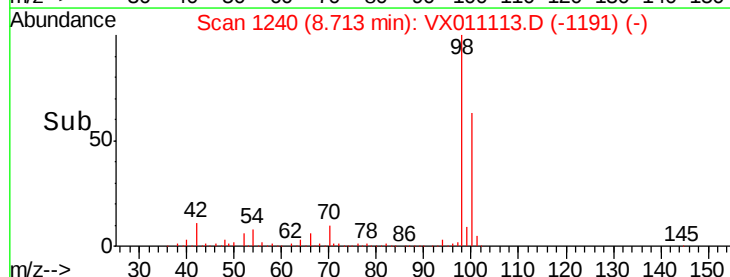
100 63.6 50.6 75.8



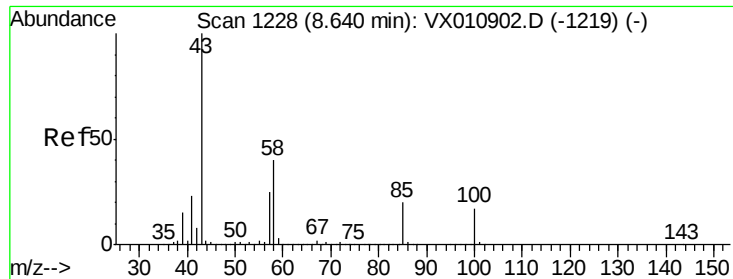
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

Time-->



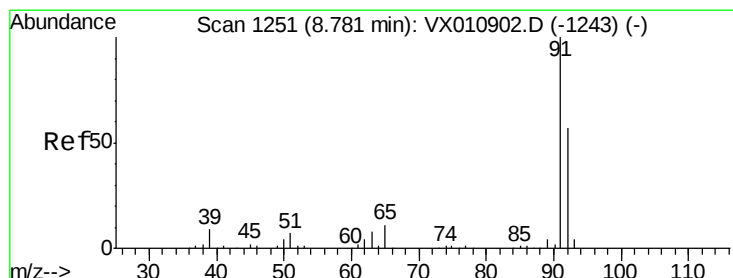
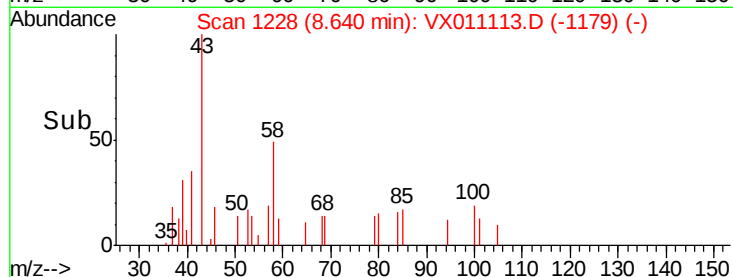
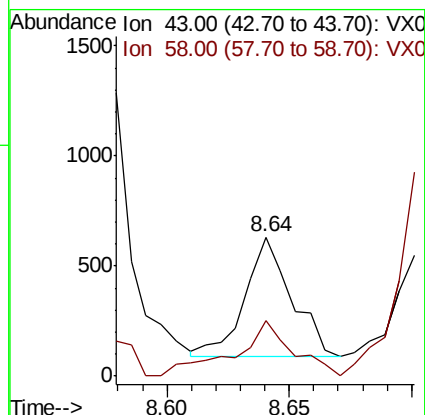
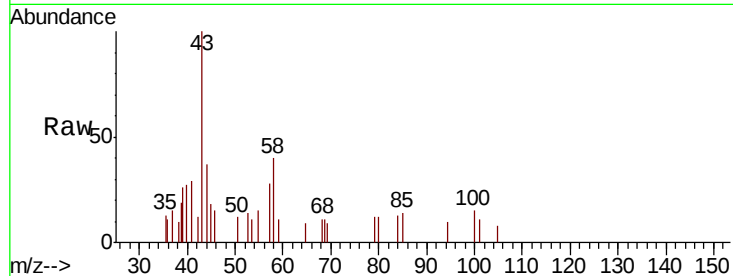
Time-->



#51
 4-Methyl-2-Pentanone
 Concen: 0.246 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011113.D
 Acq: 27 Jul 2019 01:09

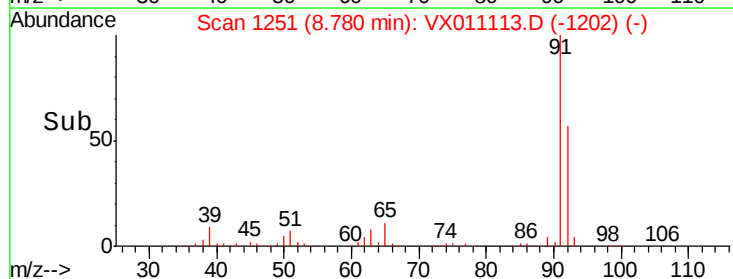
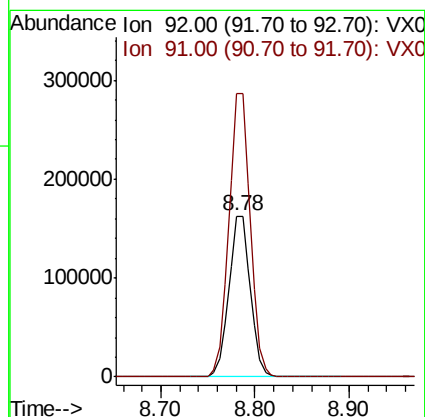
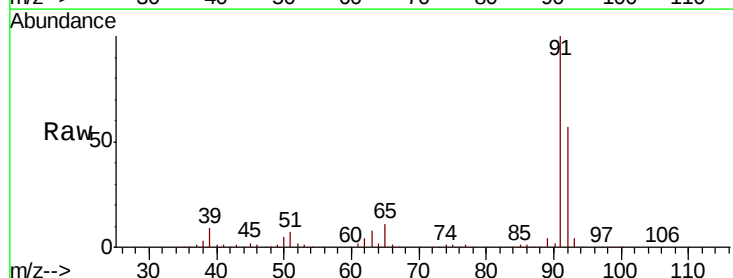
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3DL

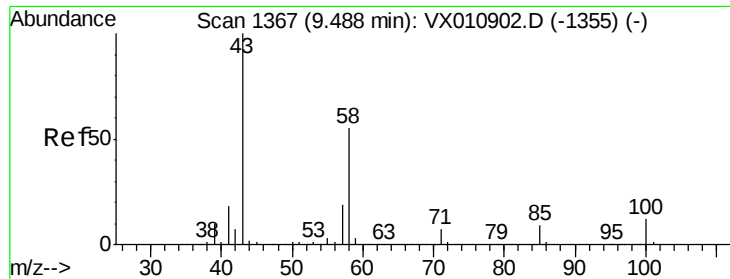
Tot Ion: 43 Resp: 707
 Ion Ratio Lower Upper
 43 100
 58 59.1 32.2 48.4#



#52
 Toluene
 Concen: 48.319 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011113.D
 Acq: 27 Jul 2019 01:09

Tgt Ion: 92 Resp: 256169
 Ion Ratio Lower Upper
 92 100
 91 176.0 139.4 209.0

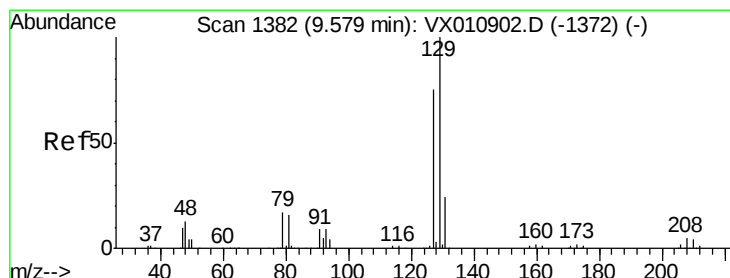
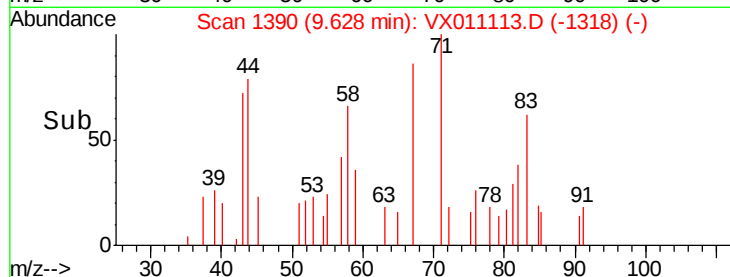
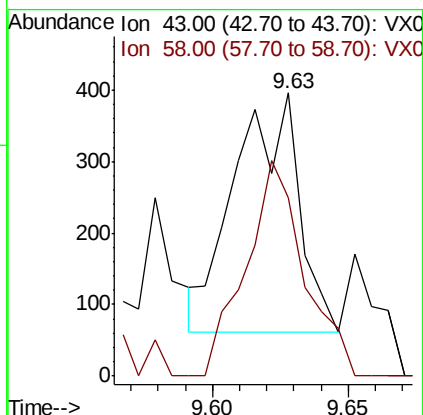
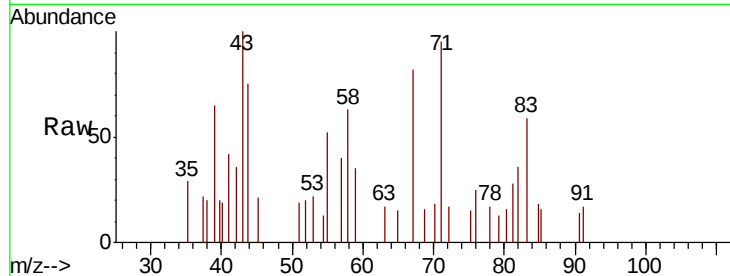




#59
2-Hexanone
Concen: 0.243 ug/l
RT: 9.63 min Scan# 1390
Delta R.T. 0.14 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

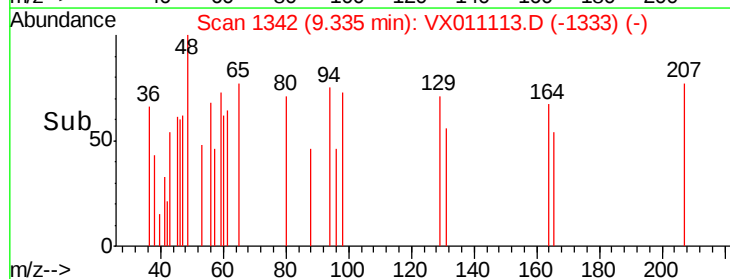
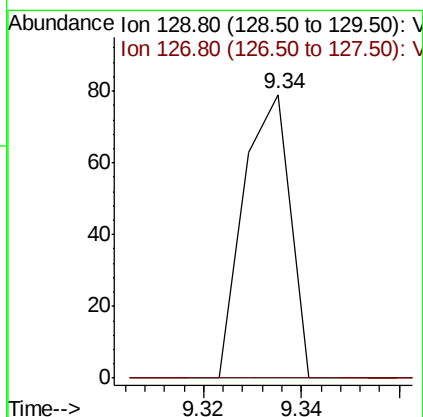
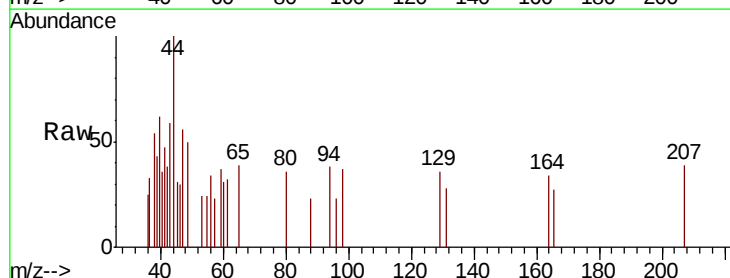
Instrument :
MSVOA_X
ClientSampled :
MW-3DL

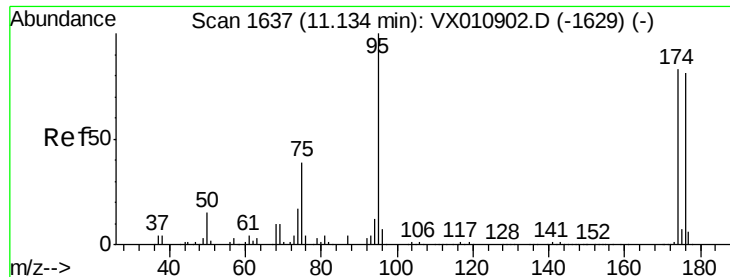
Tot Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 82.7 28.0 83.9



#60
Dibromochloromethane
Concen: 2.547 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

Tgt Ion:129 Resp: 52
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 49.886 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

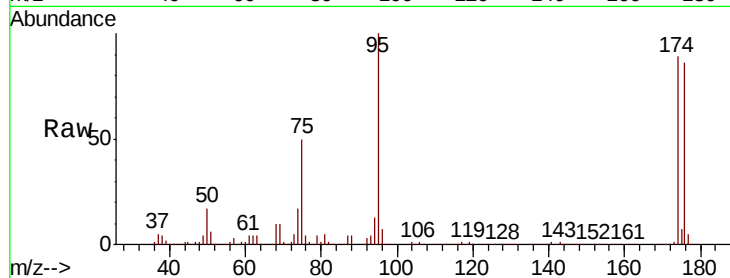
Tot Ion: 95 Resp: 140010

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.6

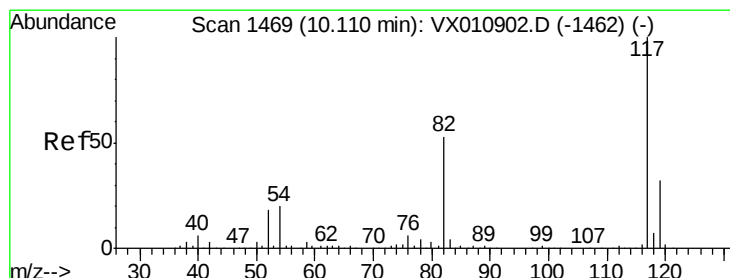
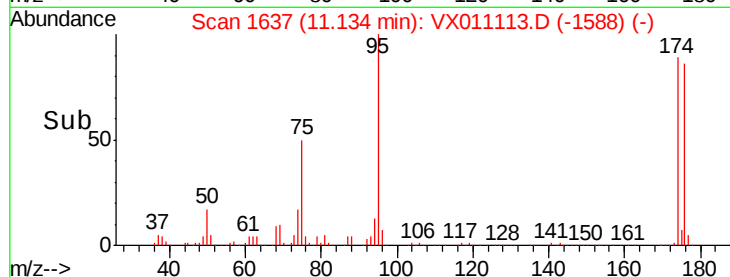
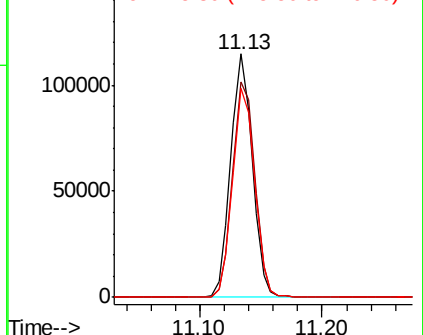
176 87.6 0.0 173.8



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: VX011113.D

Acq: 27 Jul 2019 01:09

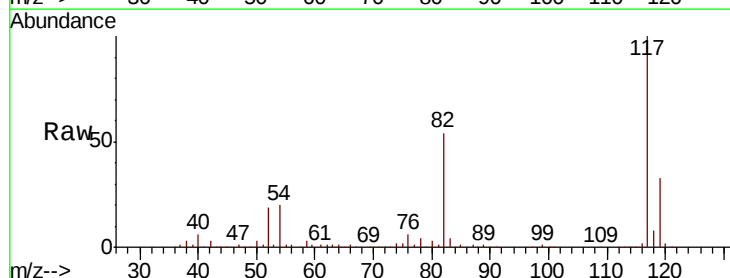
Tgt Ion: 117 Resp: 301637

Ion Ratio Lower Upper

117 100

82 54.1 42.6 63.8

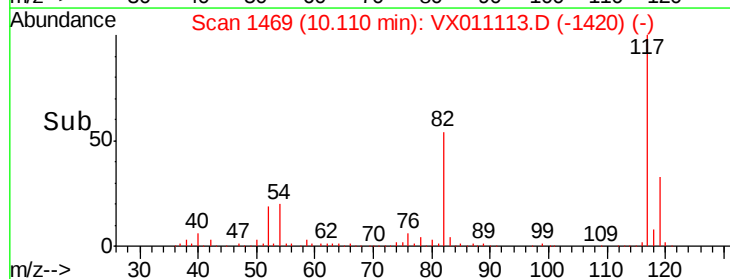
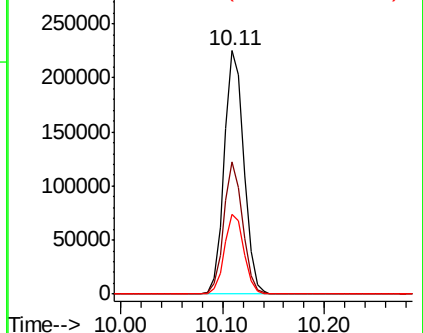
119 32.6 25.9 38.9

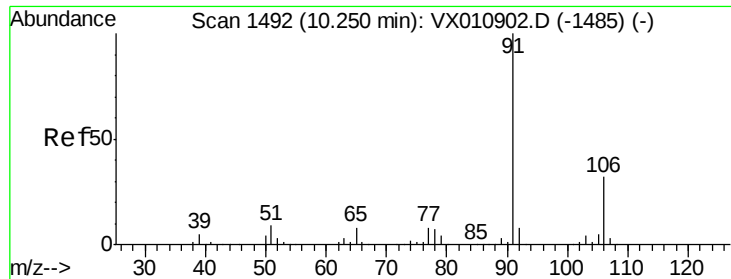


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 7.557 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampled :

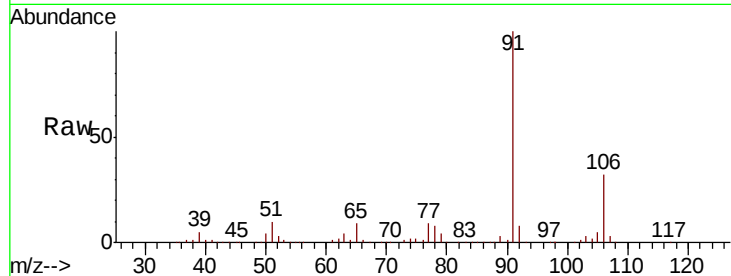
MW-3DL

Tot Ion: 91 Resp: 79688

Ion Ratio Lower Upper

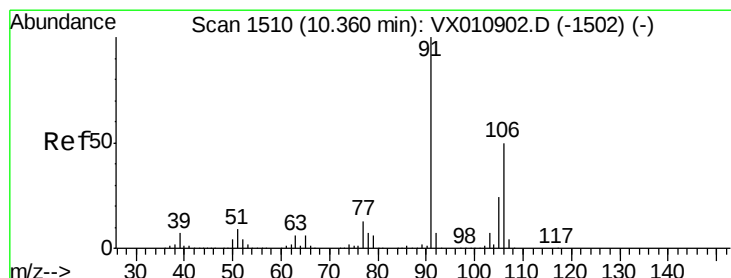
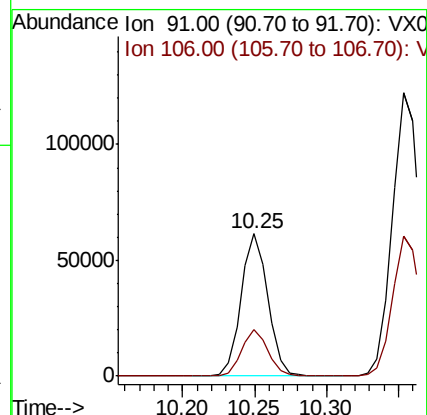
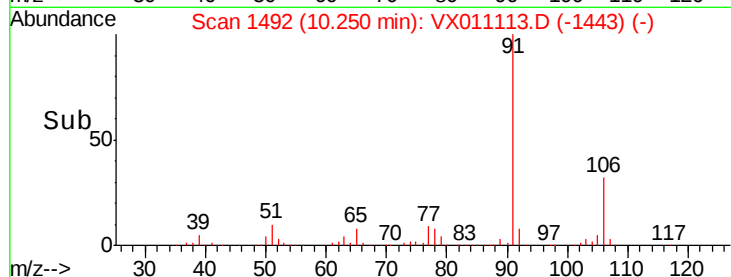
91 100

106 32.4 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 20.332 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011113.D

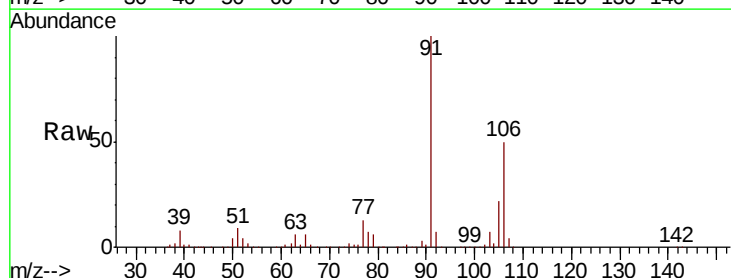
Acq: 27 Jul 2019 01:09

Tgt Ion:106 Resp: 82246

Ion Ratio Lower Upper

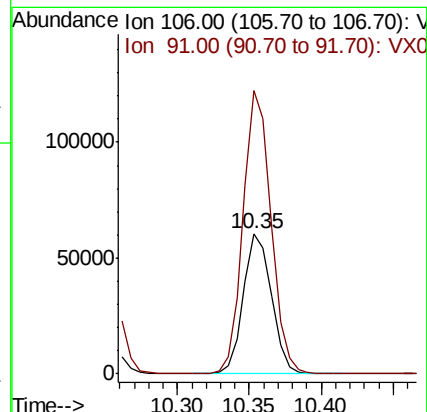
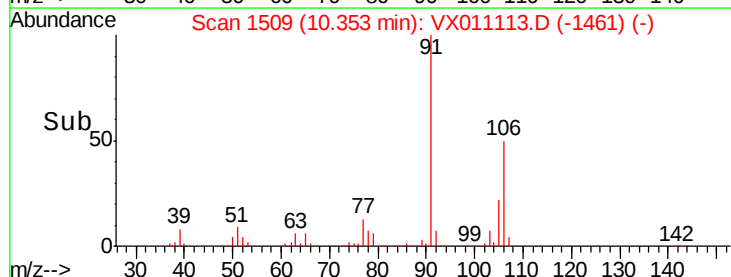
106 100

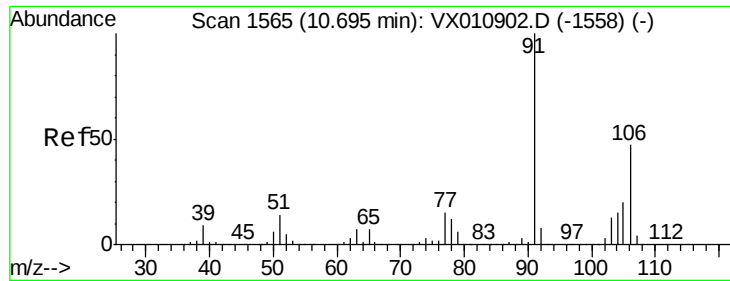
91 200.0 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

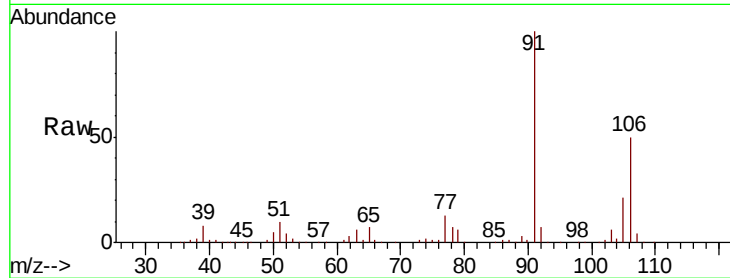




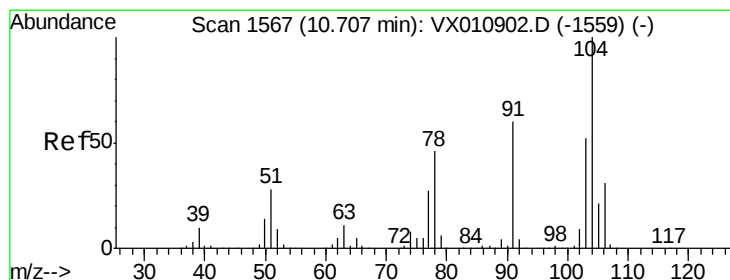
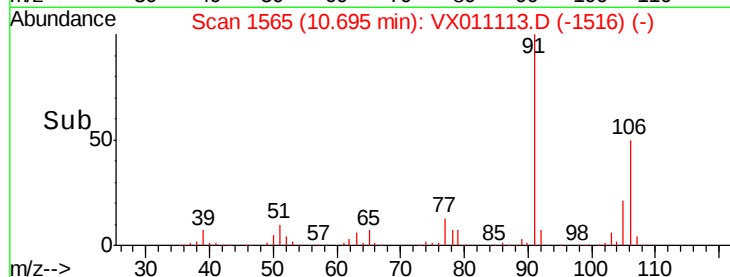
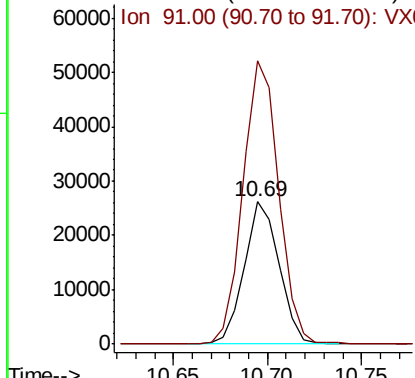
#69
o-Xylene
Concen: 8.525 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tot Ion:106 Resp: 33654
Ion Ratio Lower Upper
106 100
91 204.3 105.1 315.3

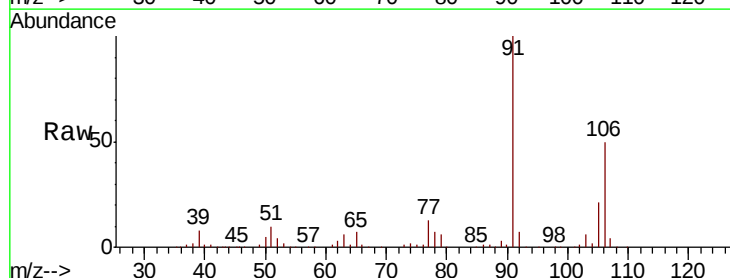


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

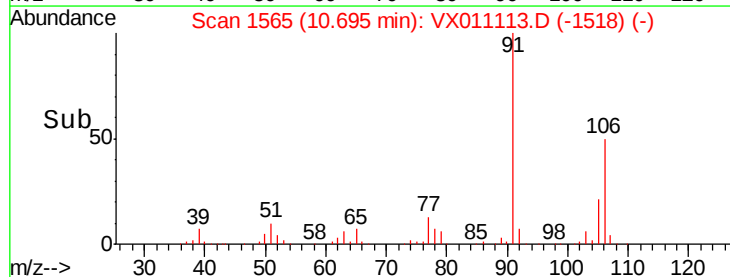
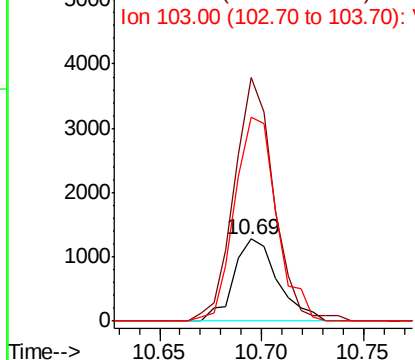


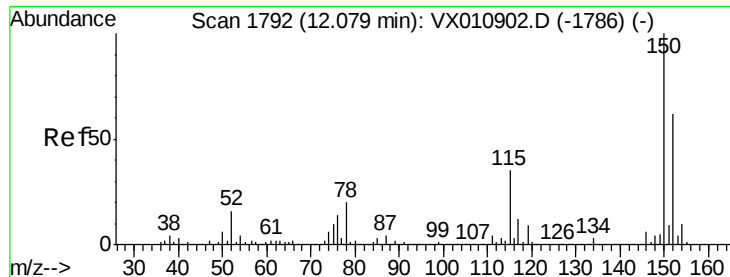
#70
Styrene
Concen: 0.291 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011113.D
Acq: 27 Jul 2019 01:09

Tgt Ion:104 Resp: 1913
Ion Ratio Lower Upper
104 100
78 267.3 38.8 58.2#
103 236.4 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

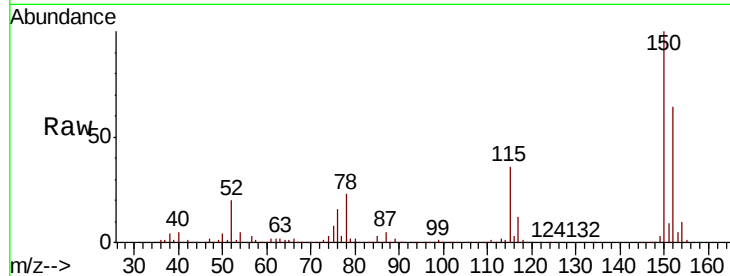
Tot Ion:152 Resp: 144185

Ion Ratio Lower Upper

152 100

115 55.7 39.7 119.1

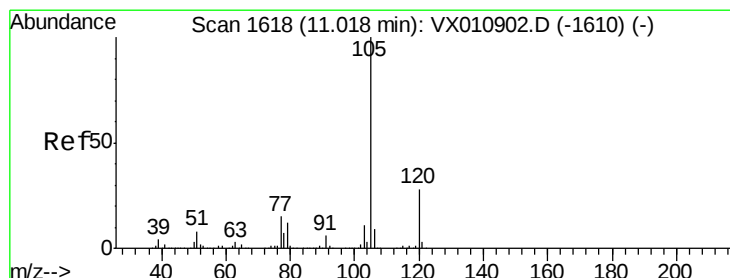
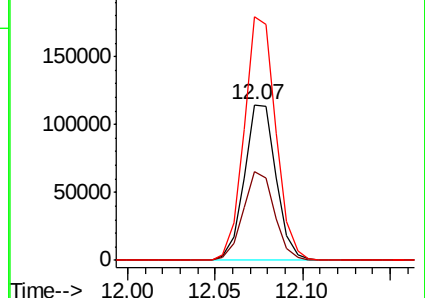
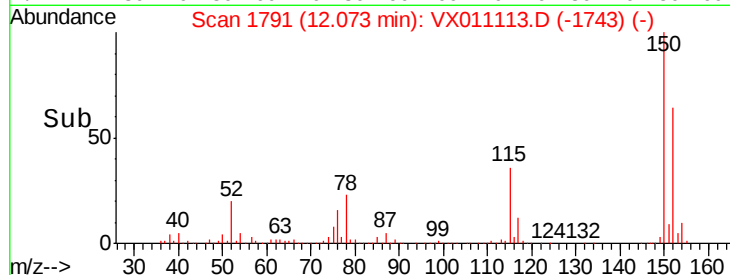
150 155.9 0.0 345.6



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: 0.253 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011113.D

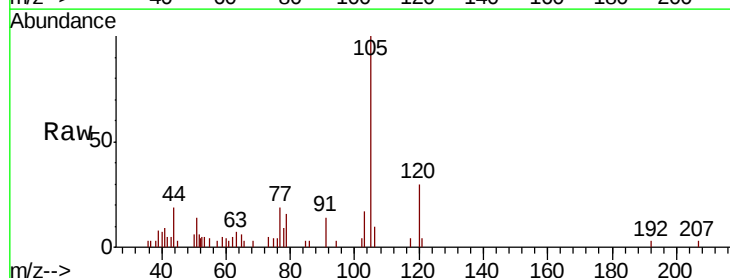
Acq: 27 Jul 2019 01:09

Tgt Ion:105 Resp: 2469

Ion Ratio Lower Upper

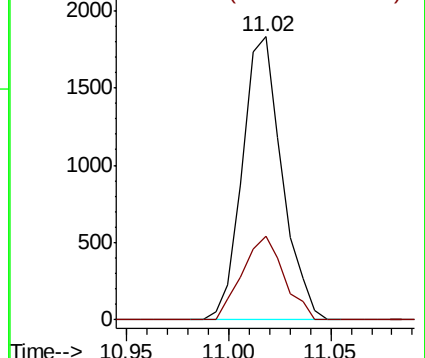
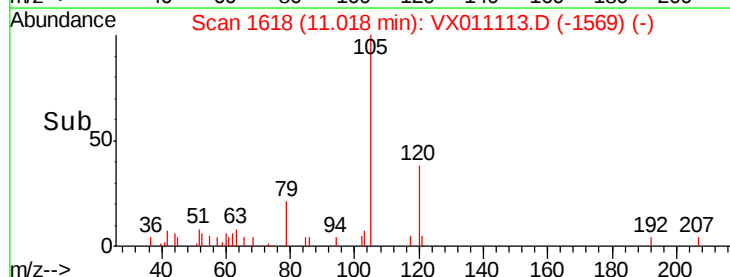
105 100

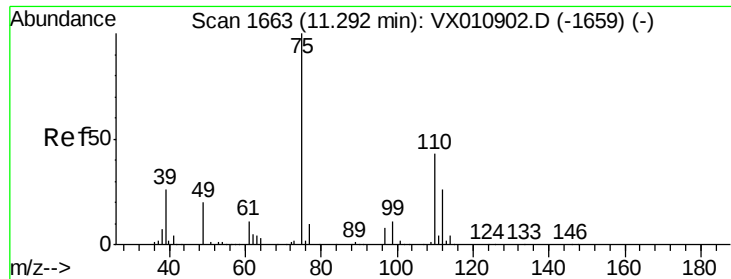
120 31.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

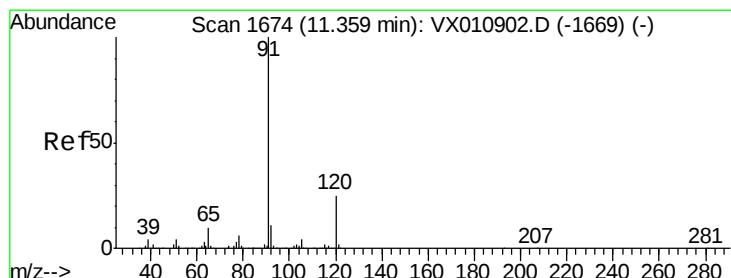
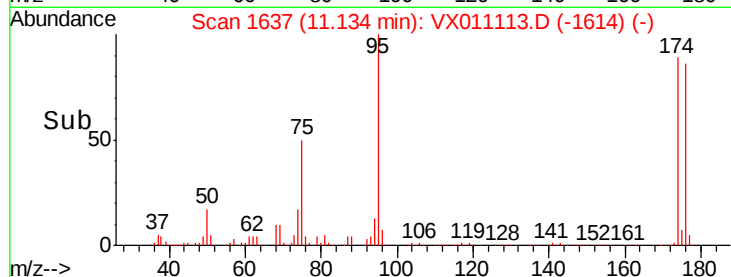
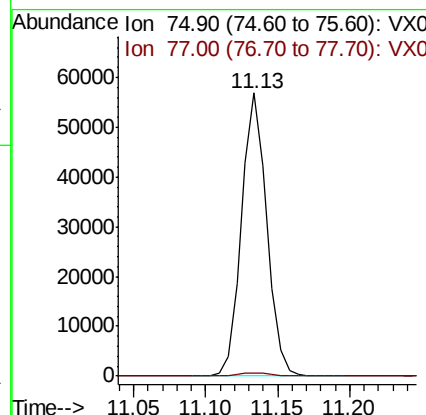
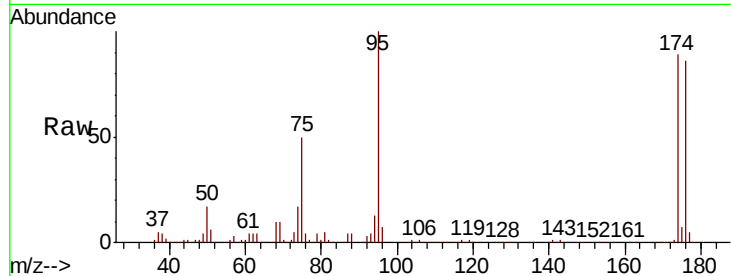




#76
 1,2,3-Trichloropropane
 Concen: 26.710 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011113.D
 Acq: 27 Jul 2019 01:09

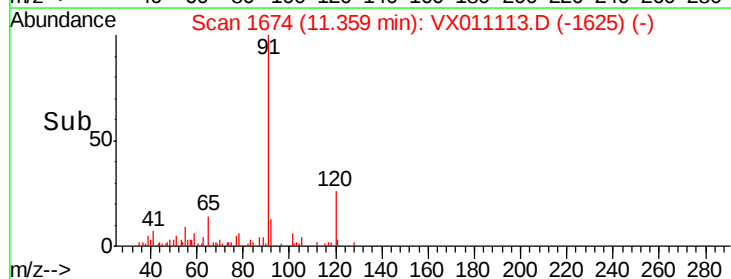
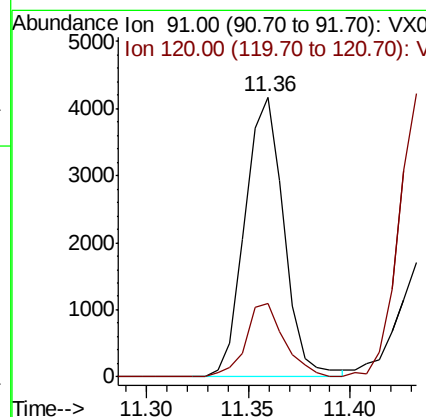
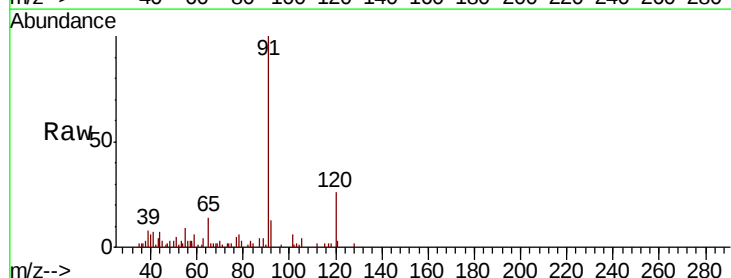
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3DL

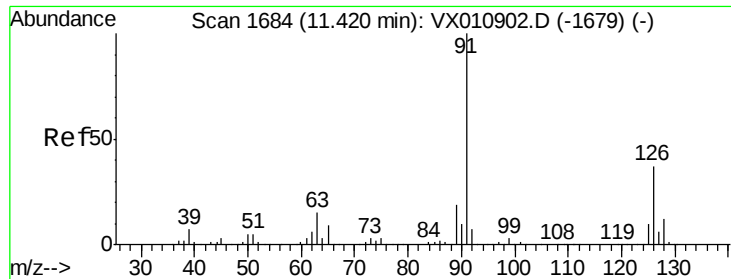
Tot Ion: 75 Resp: 69497
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.3 64.0#



#78
 n-propylbenzene
 Concen: 0.514 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX011113.D
 Acq: 27 Jul 2019 01:09

Tgt Ion: 91 Resp: 5534
 Ion Ratio Lower Upper
 91 100
 120 26.4 12.3 36.8

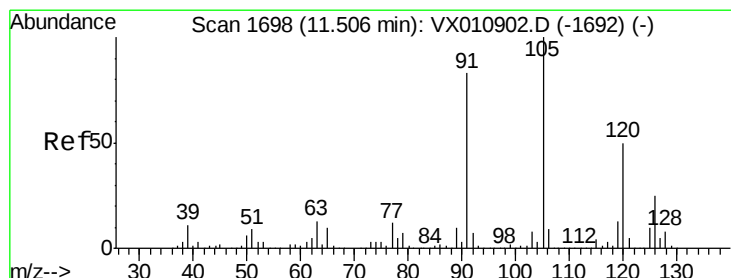
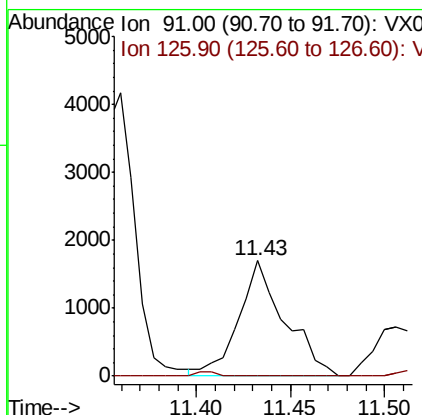
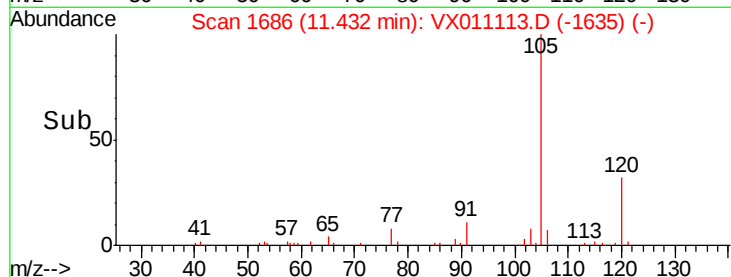
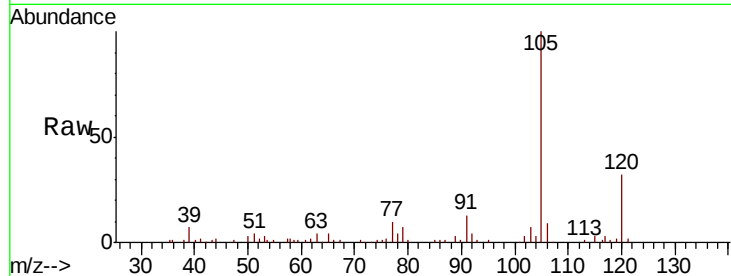




#79
 2-Chlorotoluene
 Concen: 0.447 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX011113.D
 Acq: 27 Jul 2019 01:09

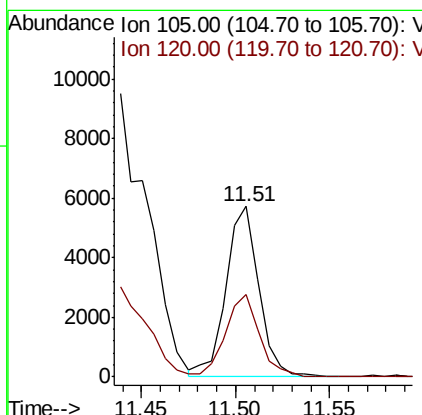
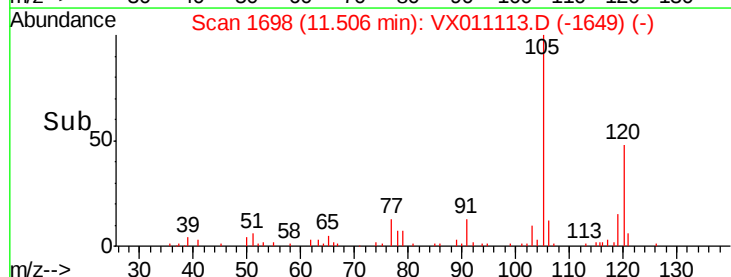
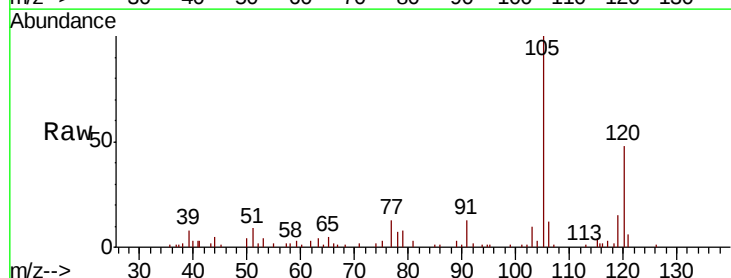
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

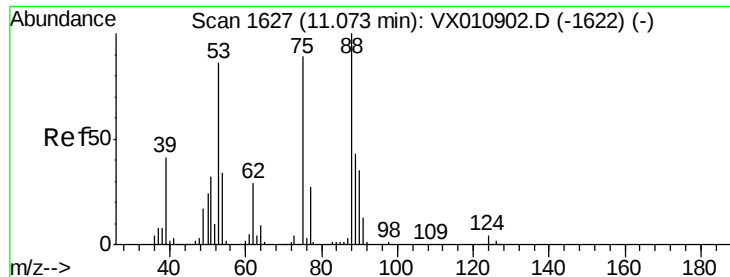
Tot Ion: 91 Resp: 2889
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.0 54.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.855 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011113.D
 Acq: 27 Jul 2019 01:09

Tgt Ion: 105 Resp: 6958
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 66.265 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

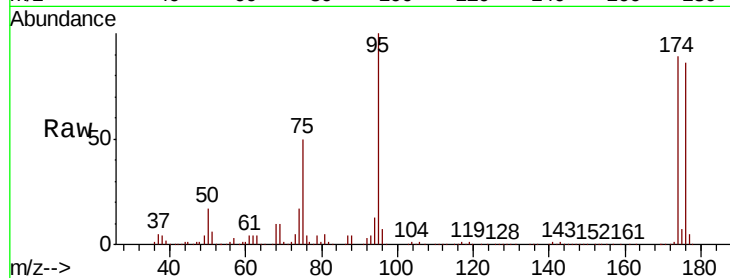
Tot Ion: 75 Resp: 69497

Ion Ratio Lower Upper

75 100

53 0.3 76.7 115.1#

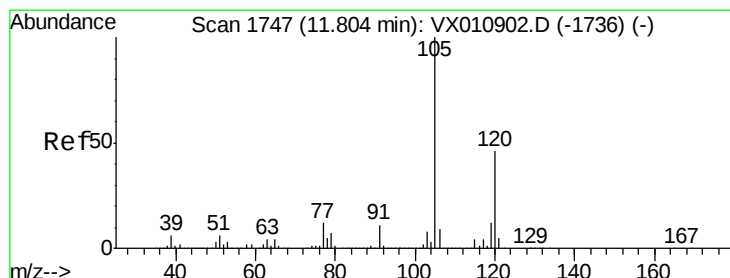
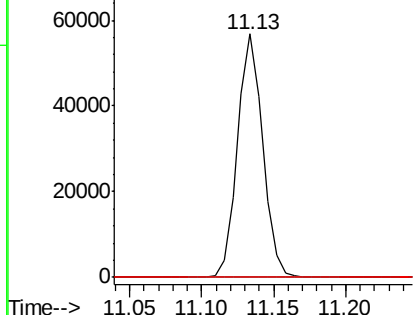
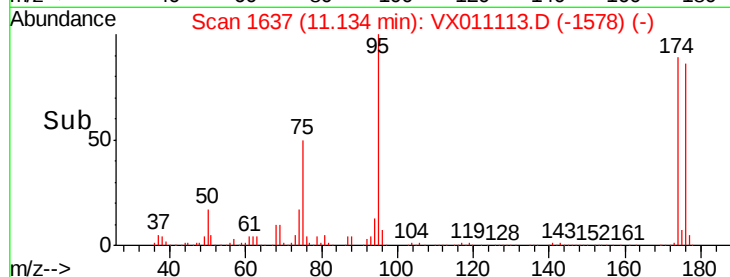
89 0.0 38.5 57.7#



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



#84

1,2,4-Trimethylbenzene

Concen: 2.620 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011113.D

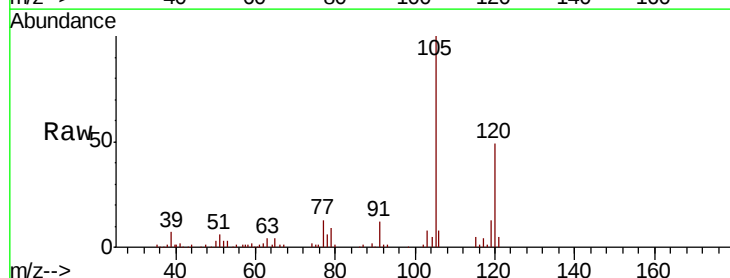
Acq: 27 Jul 2019 01:09

Tgt Ion: 105 Resp: 21501

Ion Ratio Lower Upper

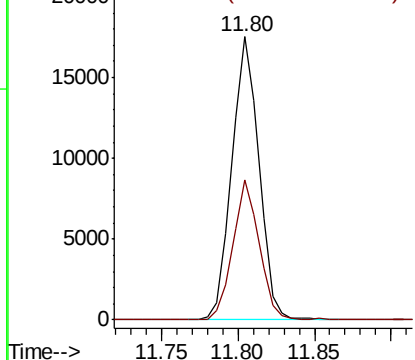
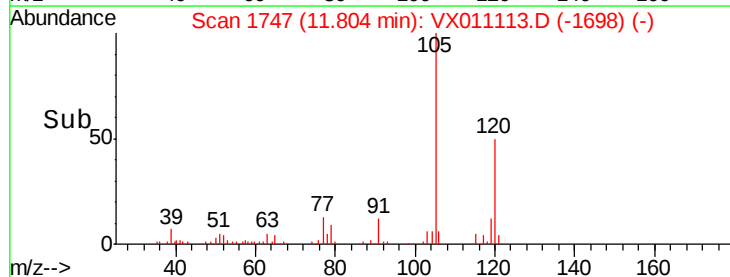
105 100

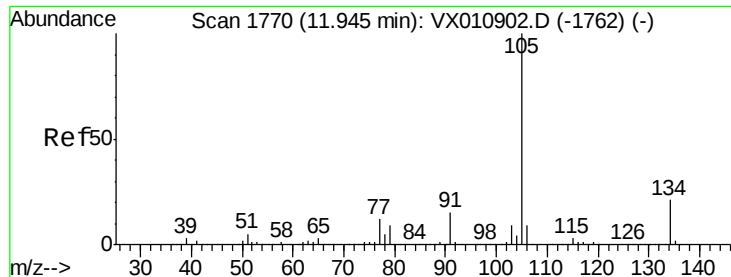
120 48.0 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.295 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

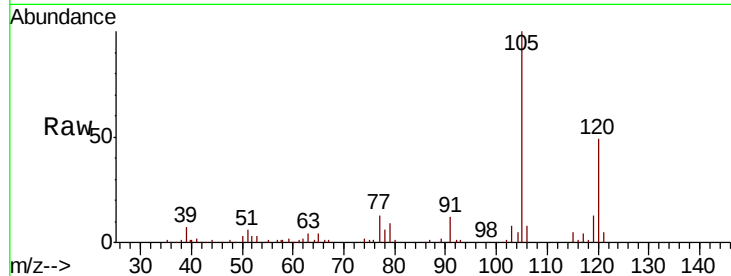
MW-3DL

Tot Ion:105 Resp: 21501

Ion Ratio Lower Upper

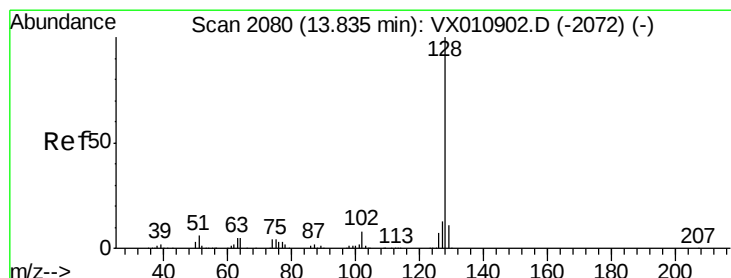
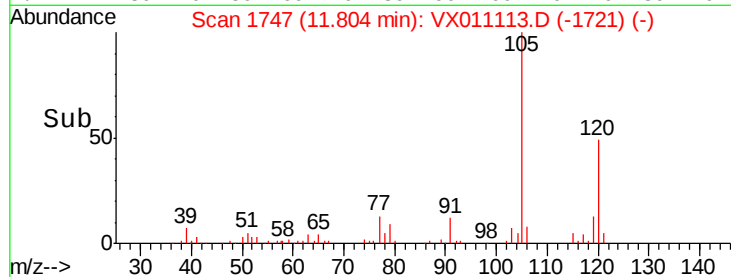
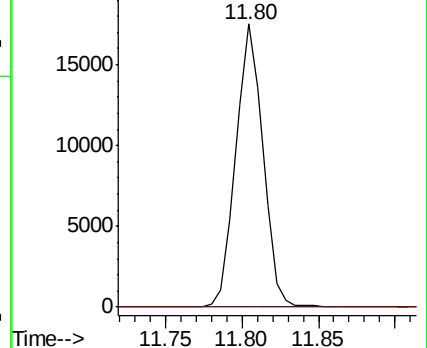
105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 0.664 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011113.D

Acq: 27 Jul 2019 01:09

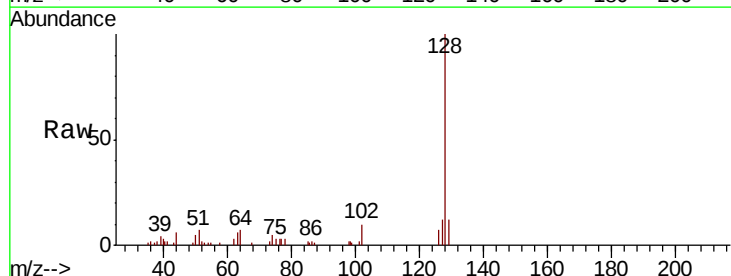
Tgt Ion:128 Resp: 6144

Ion Ratio Lower Upper

128 100

127 15.1 10.4 15.6

129 12.4 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

